

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070924\
 Data File : VN082833.D
 Acq On : 09 Jul 2024 10:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2024
 Supervised By : Mahesh Dadoda 07/10/2024

Quant Time: Jul 10 01:17:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	133012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	222734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	105234	56.439	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.880%	
35) Dibromofluoromethane	8.165	113	80623	56.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.820%	
50) Toluene-d8	10.571	98	308300	58.403	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 116.800%#	
62) 4-Bromofluorobenzene	12.847	95	108331	57.131	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 114.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	95817	55.641	ug/l	99
3) Chloromethane	2.359	50	91624	56.104	ug/l	97
4) Vinyl Chloride	2.512	62	98052	57.168	ug/l	99
5) Bromomethane	2.948	94	61983	50.122	ug/l	97
6) Chloroethane	3.112	64	61643	52.520	ug/l	99
7) Trichlorofluoromethane	3.495	101	120019	48.652	ug/l	91
8) Diethyl Ether	3.959	74	40782	48.305	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	71259	51.038	ug/l	97
10) Methyl Iodide	4.589	142	70419	49.194	ug/l	96
11) Tert butyl alcohol	5.530	59	77012	245.568	ug/l	100
12) 1,1-Dichloroethene	4.336	96	65663	48.359	ug/l	92
13) Acrolein	4.177	56	45377	200.414	ug/l	97
14) Allyl chloride	5.024	41	100021	47.244	ug/l #	96
15) Acrylonitrile	5.718	53	194199	269.451	ug/l	100
16) Acetone	4.430	43	148091	225.590	ug/l	96
17) Carbon Disulfide	4.712	76	191237	47.132	ug/l	99
18) Methyl Acetate	5.018	43	87860	50.580	ug/l #	90
19) Methyl tert-butyl Ether	5.795	73	246524	52.633	ug/l	99
20) Methylene Chloride	5.271	84	80849	50.997	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	78119	53.097	ug/l	92
22) Diisopropyl ether	6.671	45	253148	57.154	ug/l #	96
23) Vinyl Acetate	6.606	43	1022989	290.837	ug/l	95
24) 1,1-Dichloroethane	6.571	63	148805	55.386	ug/l	97
25) 2-Butanone	7.483	43	270832	273.230	ug/l	94
26) 2,2-Dichloropropane	7.494	77	134298	53.762	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	92863	53.913	ug/l	90
28) Bromochloromethane	7.812	49	61766	53.590	ug/l #	84
29) Tetrahydrofuran	7.841	42	177408	284.295	ug/l #	88
30) Chloroform	7.965	83	154898	54.346	ug/l	96
31) Cyclohexane	8.259	56	125565	51.510	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	143047	54.056	ug/l	97
36) 1,1-Dichloropropene	8.371	75	110557	56.105	ug/l	98
37) Ethyl Acetate	7.559	43	109043	54.353	ug/l #	94
38) Carbon Tetrachloride	8.365	117	128458	54.143	ug/l	96
39) Methylcyclohexane	9.606	83	118054	55.463	ug/l	92
40) Benzene	8.606	78	332651	54.880	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	59041	54.627	ug/l	93
42) 1,2-Dichloroethane	8.671	62	122402	56.094	ug/l	98
43) Isopropyl Acetate	8.688	43	203657	54.080	ug/l #	95
44) Trichloroethene	9.353	130	81743	52.639	ug/l	95
45) 1,2-Dichloropropane	9.624	63	82153	58.054	ug/l	99
46) Dibromomethane	9.712	93	60735	55.091	ug/l	98
47) Bromodichloromethane	9.888	83	127535	55.988	ug/l	99
48) Methyl methacrylate	9.683	41	87744	55.779	ug/l #	88
49) 1,4-Dioxane	9.694	88	36532	1069.377	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	575754	289.485	ug/l	94
52) Toluene	10.630	92	212418	56.100	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	129711	55.275	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	134745	54.248	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	79651	57.207	ug/l	95
56) Ethyl methacrylate	10.877	69	126603	58.445	ug/l	88
57) 1,3-Dichloropropane	11.165	76	137599	55.830	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	324802	292.212	ug/l	96
59) 2-Hexanone	11.194	43	433270	293.006	ug/l	93
60) Dibromochloromethane	11.359	129	98074	55.304	ug/l	100
61) 1,2-Dibromoethane	11.471	107	81542	55.148	ug/l	97
64) Tetrachloroethene	11.106	164	80731	51.661	ug/l	98
65) Chlorobenzene	11.894	112	235208	52.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	84376	52.851	ug/l	99
67) Ethyl Benzene	11.965	91	401524	53.227	ug/l	99
68) m/p-Xylenes	12.071	106	319932	112.336	ug/l	95
69) o-Xylene	12.400	106	151221	55.415	ug/l	94
70) Styrene	12.412	104	258057	57.233	ug/l	99
71) Bromoform	12.582	173	67586	53.830	ug/l #	99
73) Isopropylbenzene	12.694	105	382774	51.081	ug/l	98
74) N-amyl acetate	12.494	43	163661	52.801	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	110525	49.249	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	105545m	59.364	ug/l	
77) Bromobenzene	12.982	156	95918	49.617	ug/l	95
78) n-propylbenzene	13.035	91	453122	52.592	ug/l	98
79) 2-Chlorotoluene	13.129	91	276072	50.290	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	322175	53.189	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	45757	50.616	ug/l	93
82) 4-Chlorotoluene	13.223	91	279093	51.364	ug/l	98
83) tert-Butylbenzene	13.441	119	271372	50.535	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	328142	53.152	ug/l	97
85) sec-Butylbenzene	13.618	105	380019	52.369	ug/l	99
86) p-Isopropyltoluene	13.729	119	322740	53.307	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	176378	50.506	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	178353	49.383	ug/l	98
89) n-Butylbenzene	14.059	91	268274	51.721	ug/l	99
90) Hexachloroethane	14.335	117	63388	49.480	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	167933	49.527	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24693	47.560	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	89804	49.169	ug/l	99
94) Hexachlorobutadiene	15.500	225	38255	47.247	ug/l	98
95) Naphthalene	15.641	128	300356	48.014	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	90821	48.362	ug/l	96

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ALS Vial : 2 Sample Multiplier: 1

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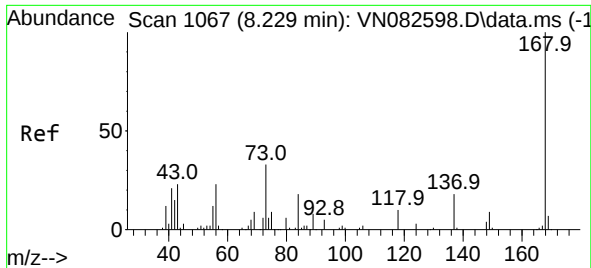
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/10/2024

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

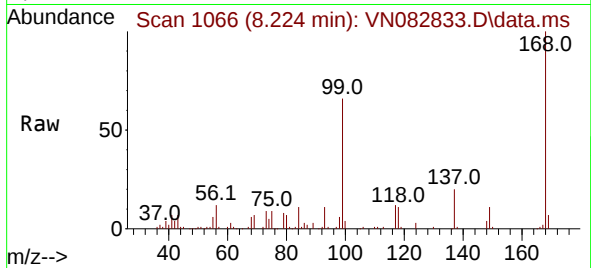
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.005 min
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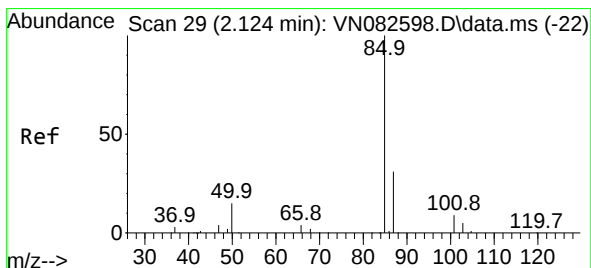
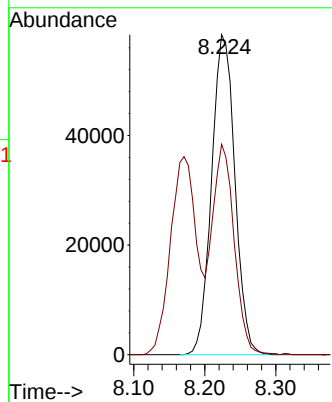
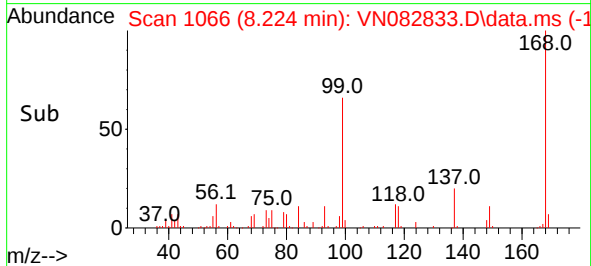
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 133012
Ion Ratio Lower Upper
168 100
99 65.8 48.2 72.4

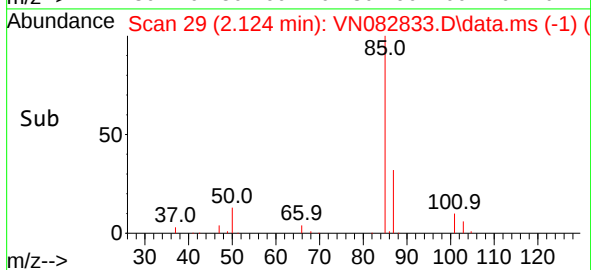
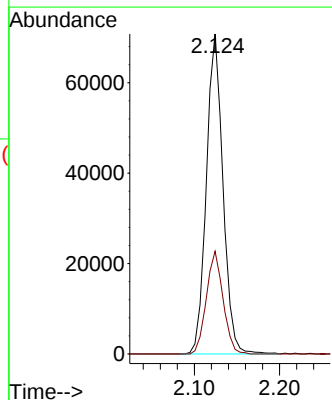
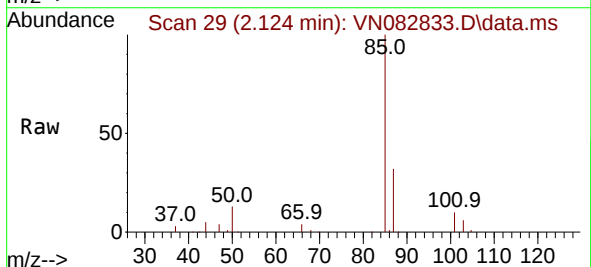
Manual Integrations
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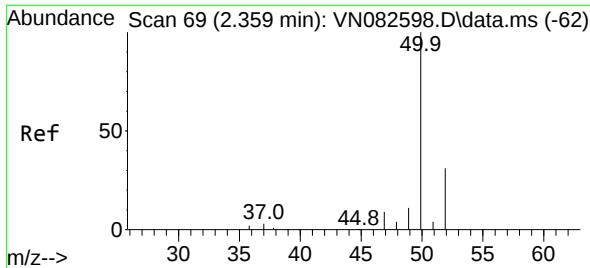
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#2
Dichlorodifluoromethane
Concen: 55.641 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

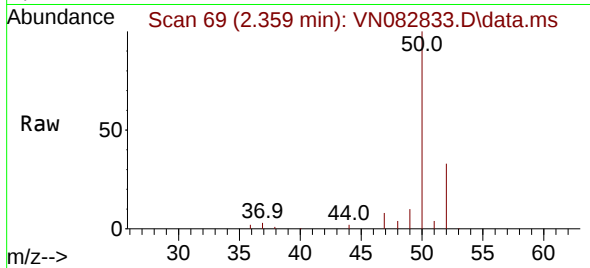
Tgt Ion: 85 Resp: 95817
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





#3
Chloromethane
Concen: 56.104 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

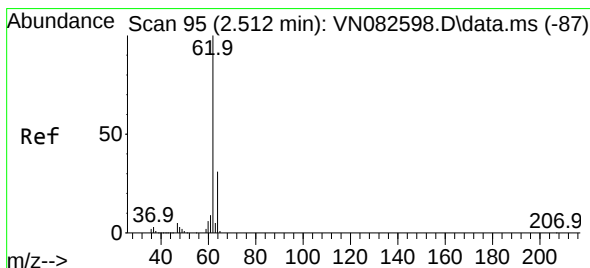
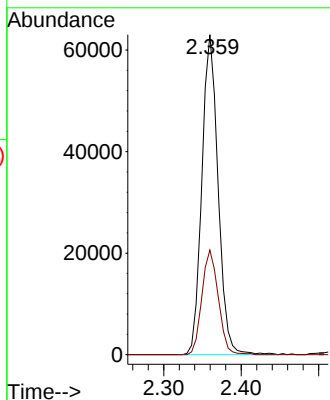
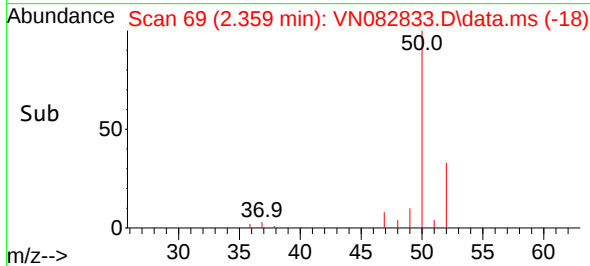
Instrument :
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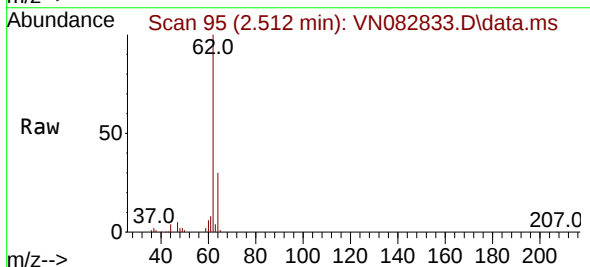
Tgt Ion: 50 Resp: 91624
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

Manual Integrations
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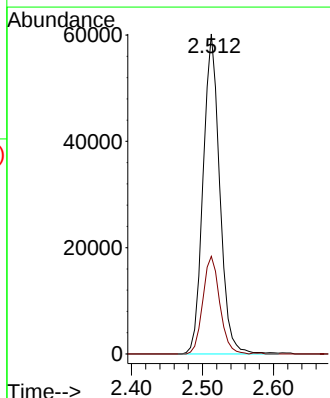
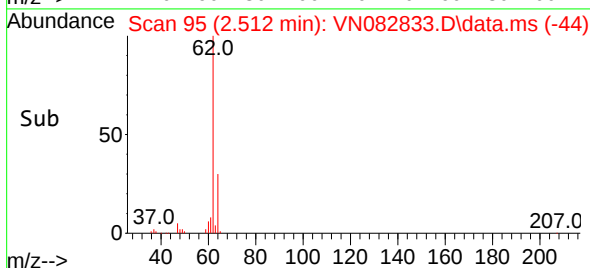
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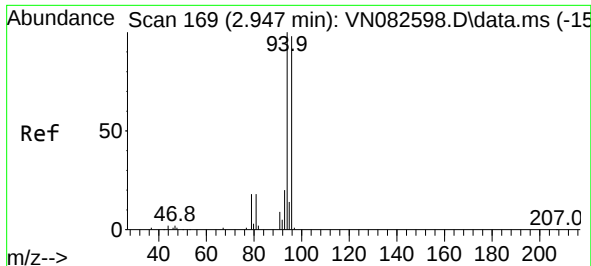


#4
Vinyl Chloride
Concen: 57.168 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29



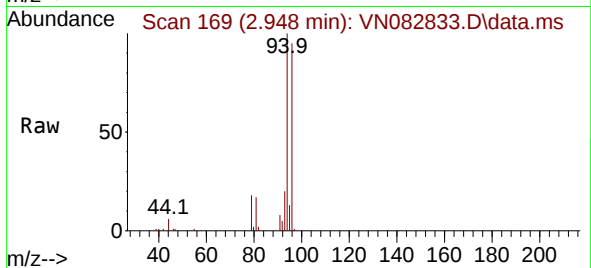
Tgt Ion: 62 Resp: 98052
Ion Ratio Lower Upper
62 100
64 30.5 25.0 37.6





#5
Bromomethane
Concen: 50.122 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.001 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

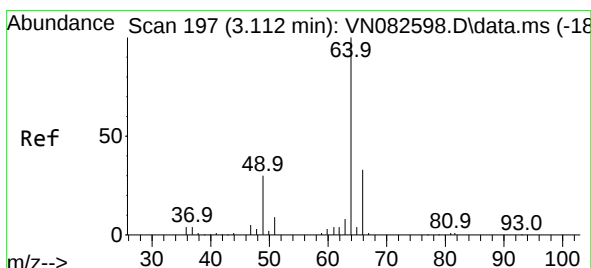
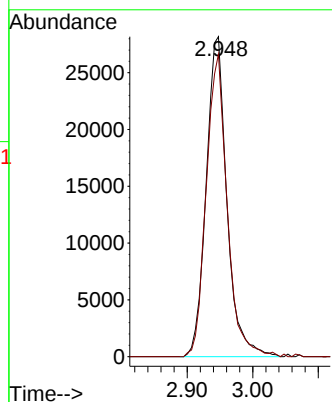
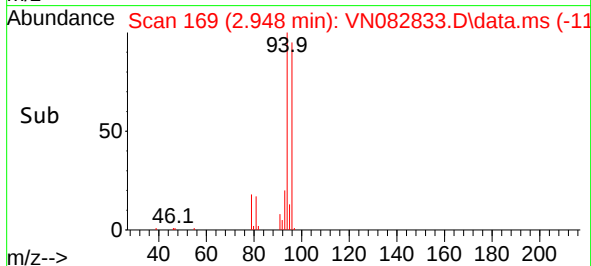
Instrument :
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Tgt Ion: 94 Resp: 61983
Ion Ratio Lower Upper
94 100
96 94.5 78.0 117.0

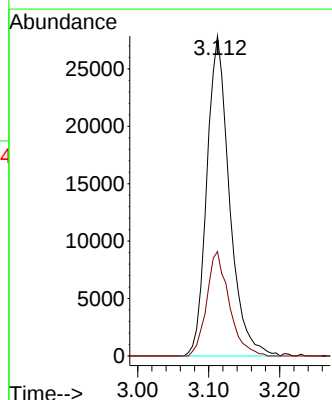
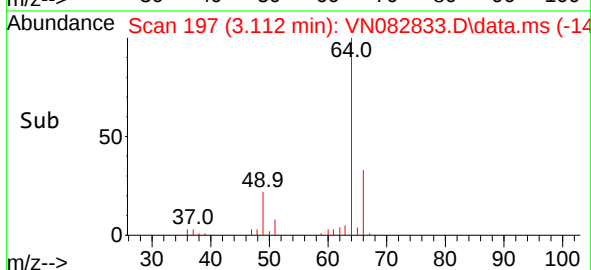
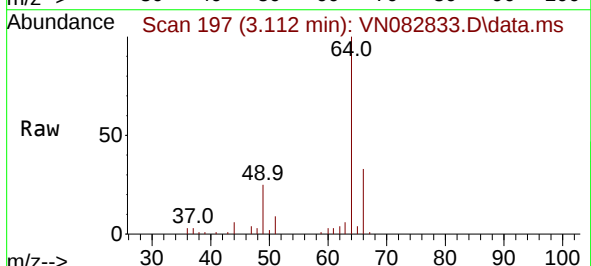
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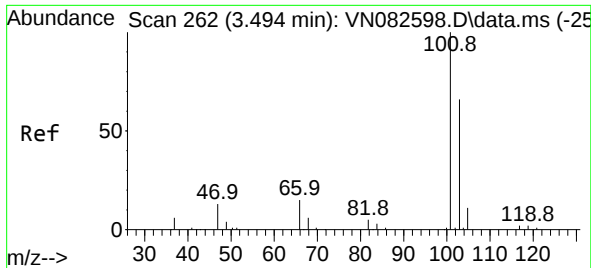
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#6
Chloroethane
Concen: 52.520 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion: 64 Resp: 61643
Ion Ratio Lower Upper
64 100
66 32.6 26.6 40.0





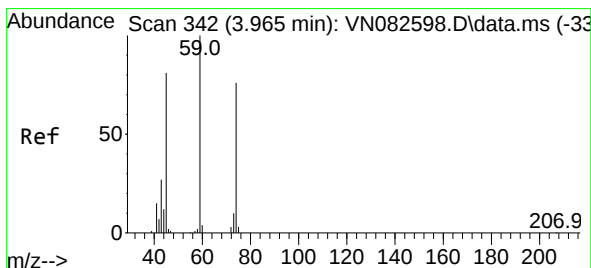
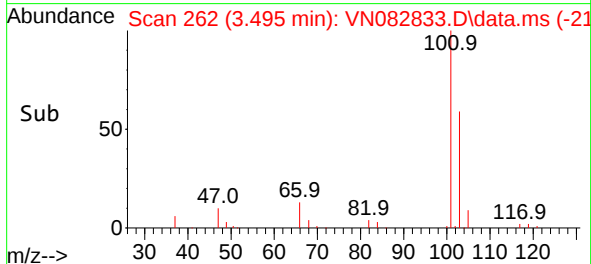
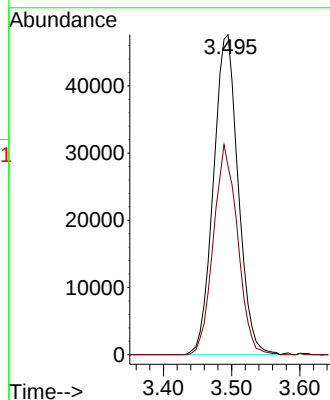
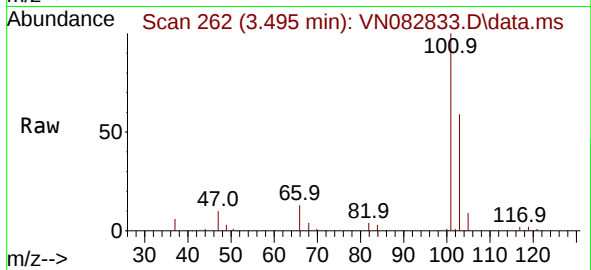
#7
Trichlorofluoromethane
Concen: 48.652 ug/l
RT: 3.495 min Scan# 201
Delta R.T. 0.001 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 120019
Ion Ratio Lower Upper
101 100
103 58.9 52.7 79.1

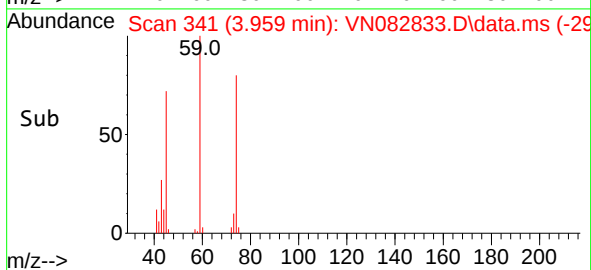
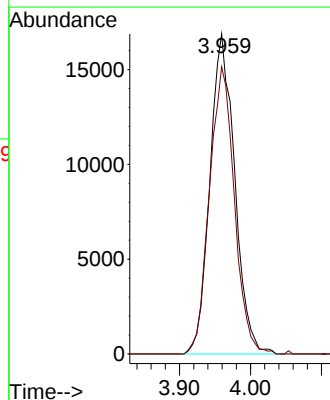
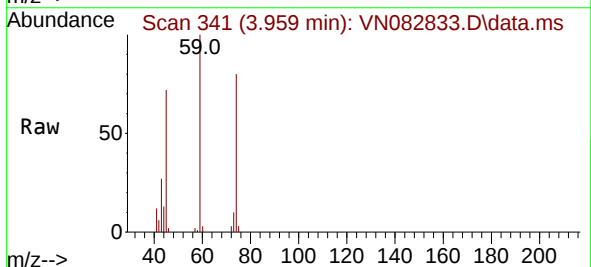
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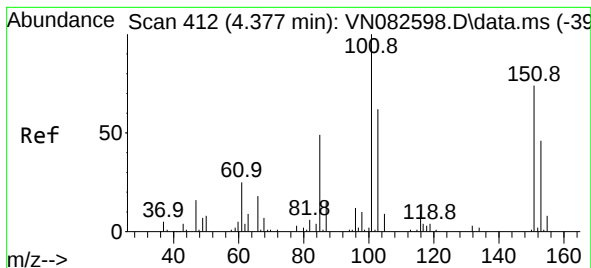
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#8
Diethyl Ether
Concen: 48.305 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion: 74 Resp: 40782
Ion Ratio Lower Upper
74 100
45 90.4 55.5 166.3





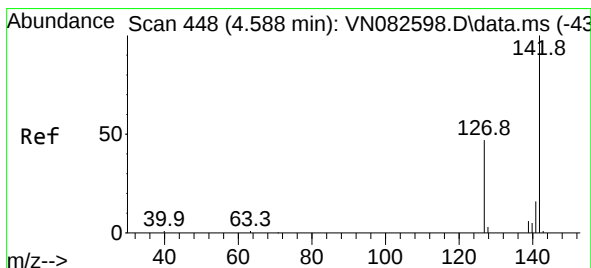
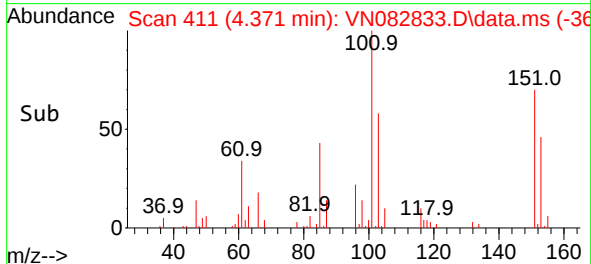
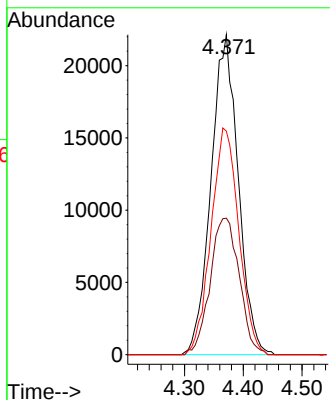
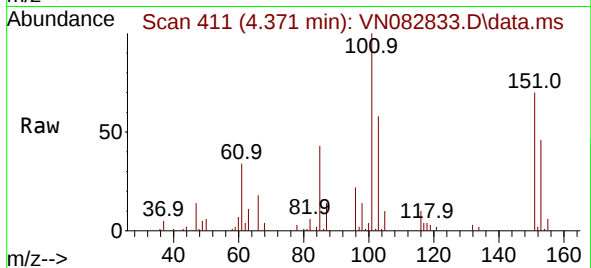
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.038 ug/l
RT: 4.371 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 71259
Ion Ratio Lower Upper
101 100
85 45.7 38.3 57.5
151 72.2 59.3 88.9

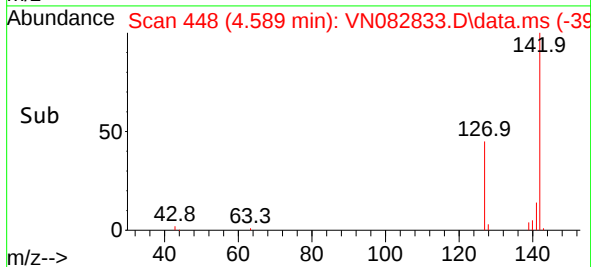
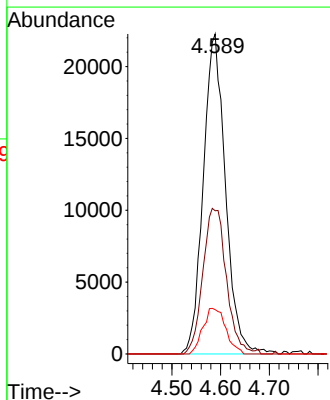
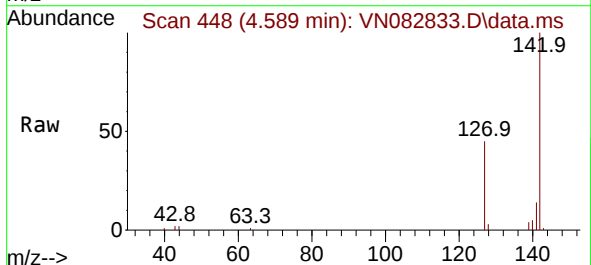
Manual Integrations
APPROVED

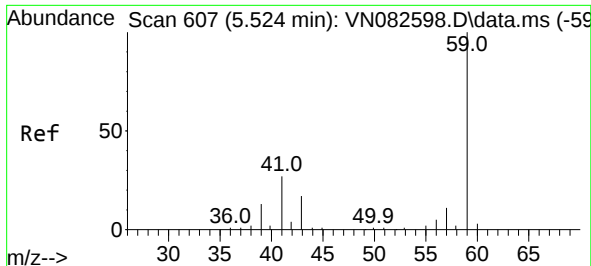
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#10
Methyl Iodide
Concen: 49.194 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion:142 Resp: 70419
Ion Ratio Lower Upper
142 100
127 44.8 37.5 56.3
141 13.9 13.1 19.7





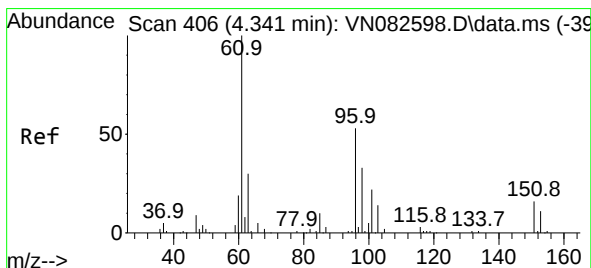
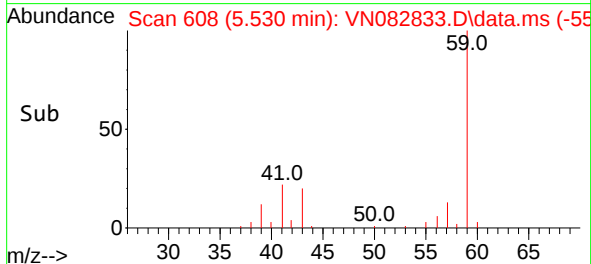
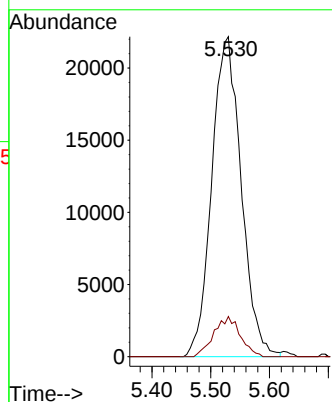
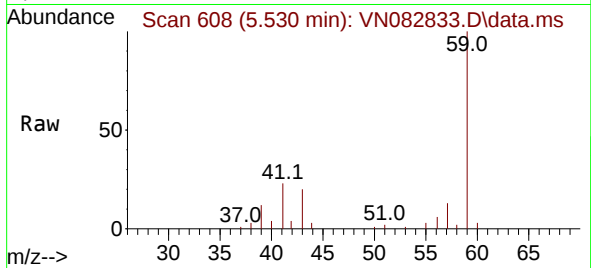
#11
Tert butyl alcohol
Concen: 245.568 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 77012
Ion Ratio Lower Upper
59 100
57 11.2 8.9 13.3

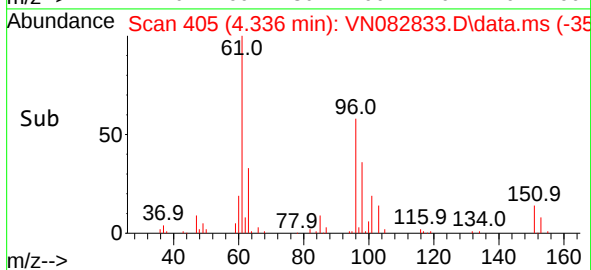
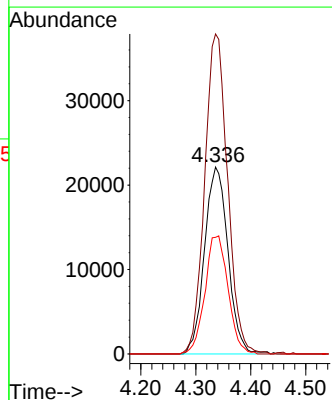
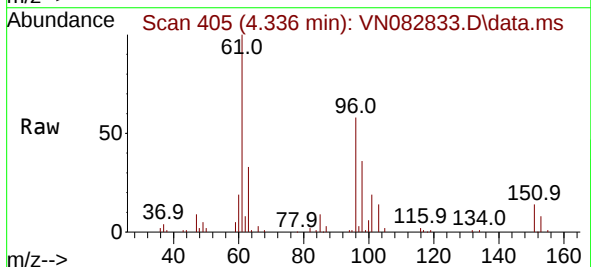
Manual Integrations
APPROVED

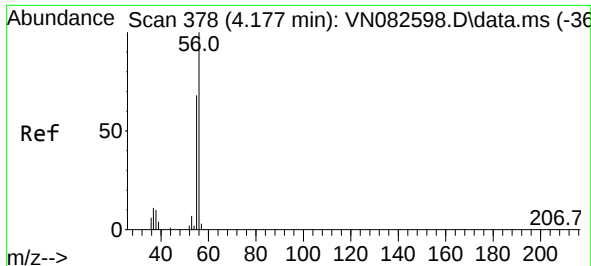
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#12
1,1-Dichloroethene
Concen: 48.359 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion: 96 Resp: 65663
Ion Ratio Lower Upper
96 100
61 171.2 149.7 224.5
98 62.4 50.1 75.1





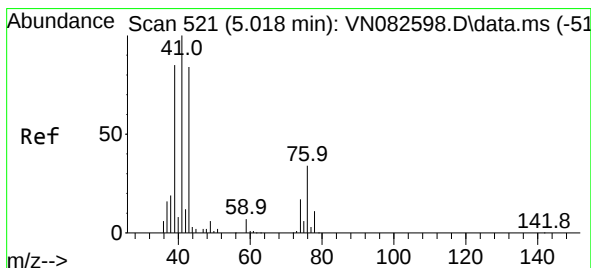
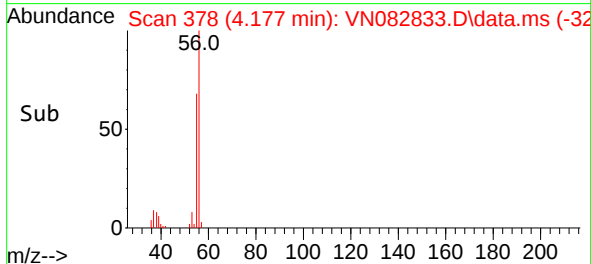
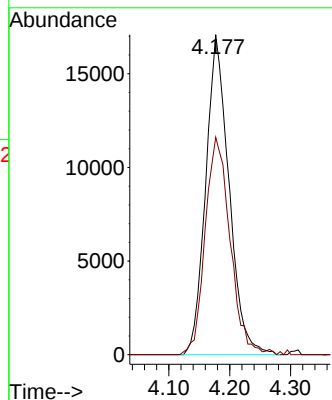
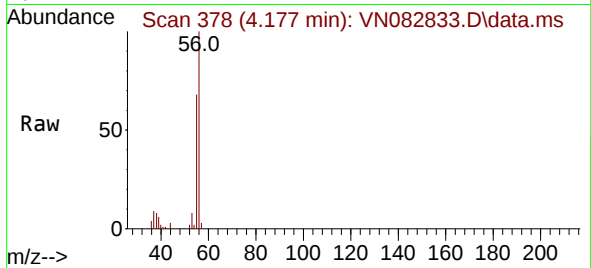
#13
Acrolein
Concen: 200.414 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 4537
Ion Ratio Lower Upper
56 100
55 72.9 56.4 84.6

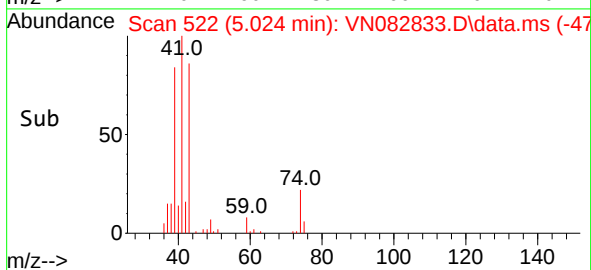
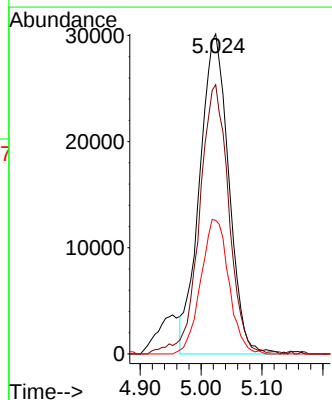
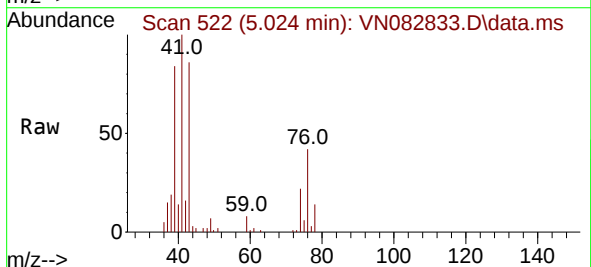
Manual Integrations
APPROVED

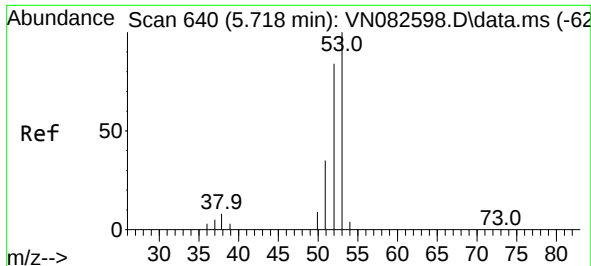
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#14
Allyl chloride
Concen: 47.244 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

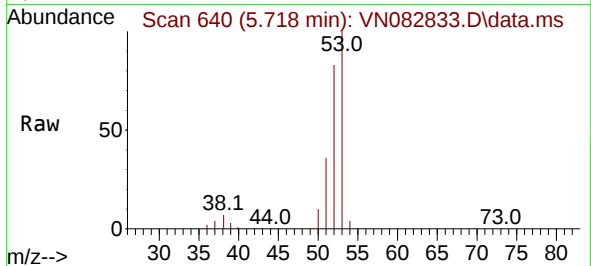
Tgt Ion: 41 Resp: 100021
Ion Ratio Lower Upper
41 100
39 84.6 67.8 101.6
76 40.6 25.8 38.8#





#15
Acrylonitrile
Concen: 269.451 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

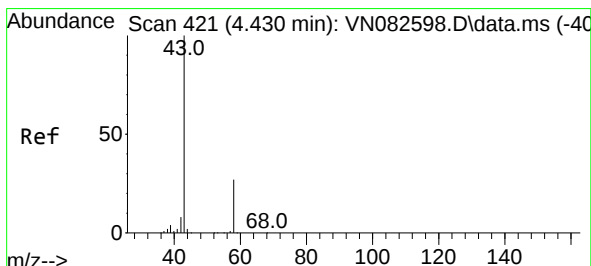
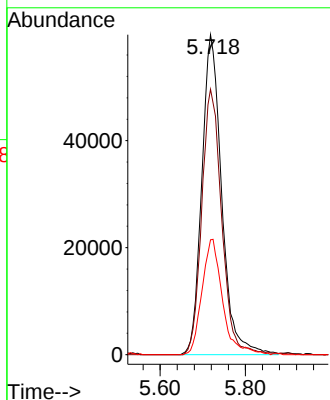
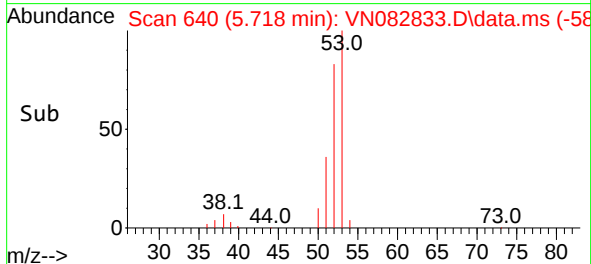
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 194199
Ion Ratio Lower Upper
53 100
52 83.3 66.6 100.0
51 37.2 30.1 45.1

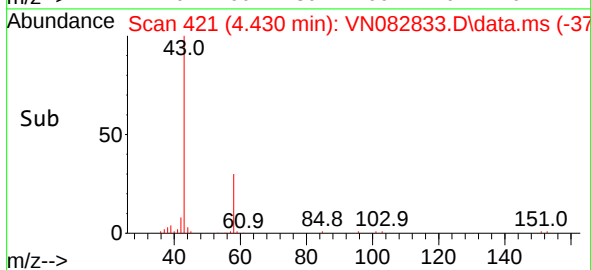
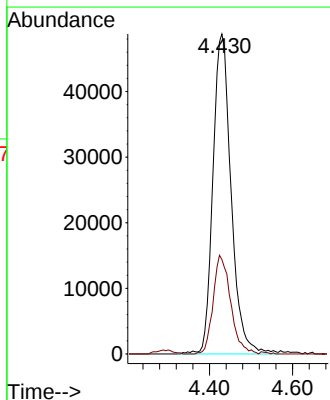
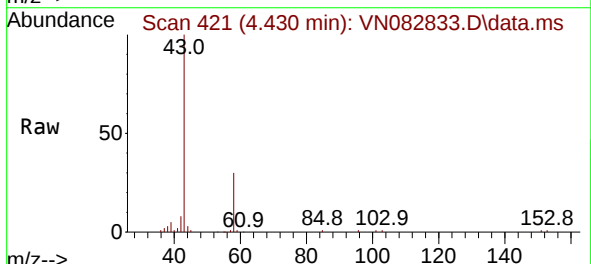
Manual Integrations
APPROVED

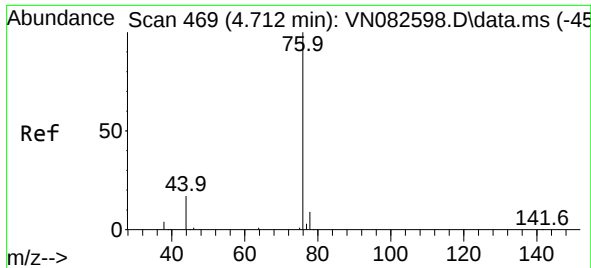
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#16
Acetone
Concen: 225.590 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

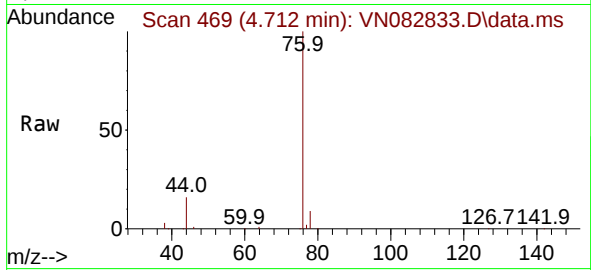
Tgt Ion: 43 Resp: 148091
Ion Ratio Lower Upper
43 100
58 29.5 21.8 32.6





#17
Carbon Disulfide
Concen: 47.132 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

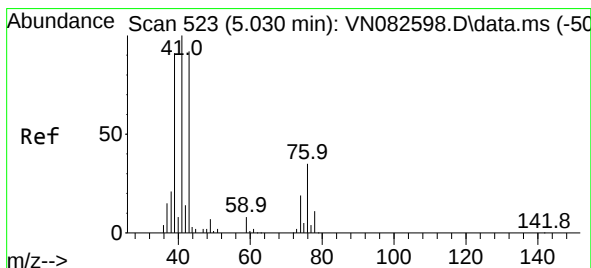
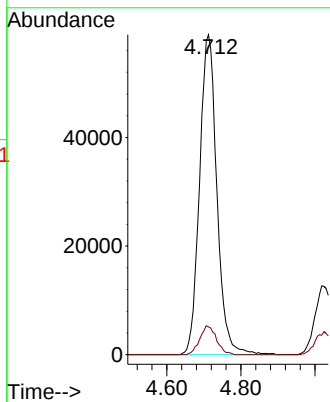
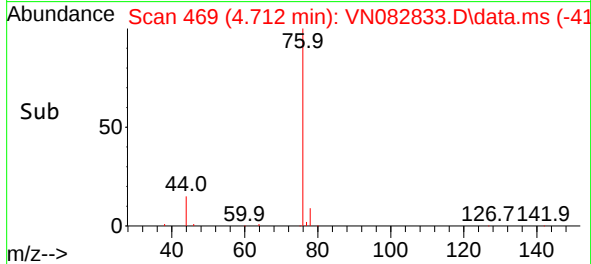
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 76 Resp: 19123
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

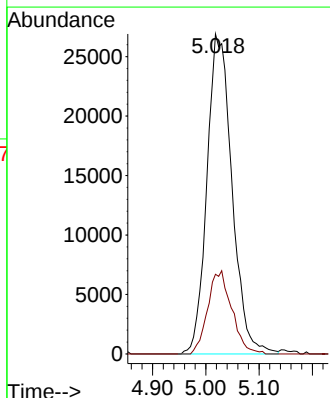
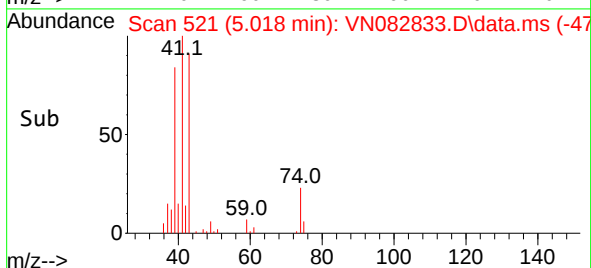
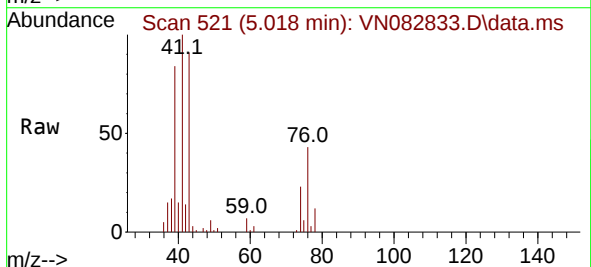
Manual Integrations
APPROVED

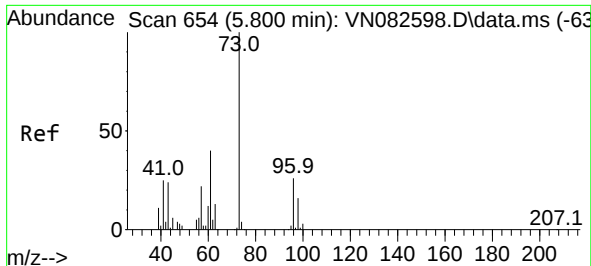
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#18
Methyl Acetate
Concen: 50.580 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion: 43 Resp: 87860
Ion Ratio Lower Upper
43 100
74 24.9 16.3 24.5#





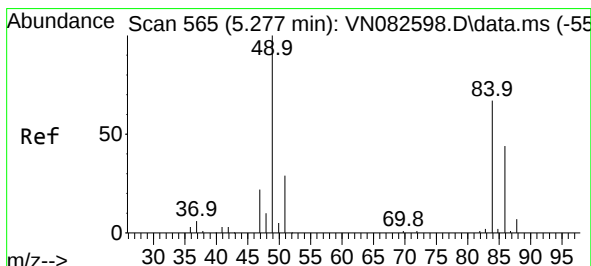
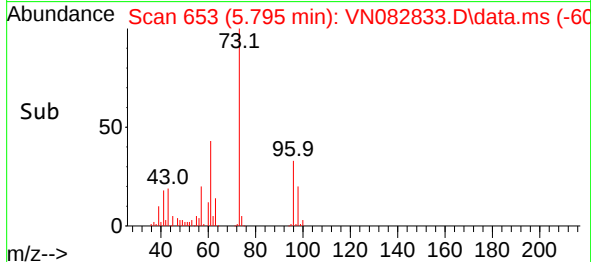
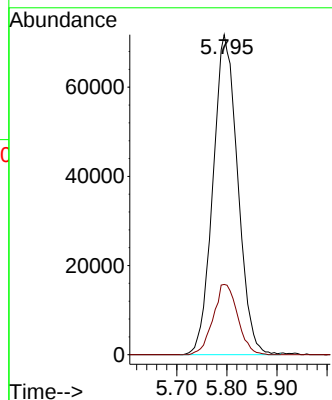
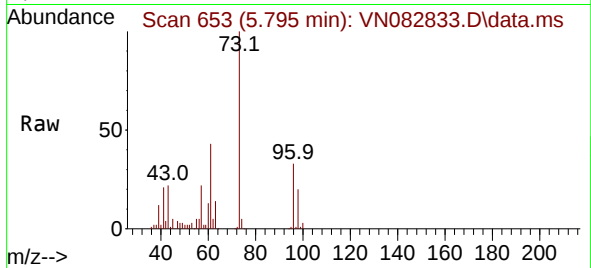
#19
Methyl tert-butyl Ether
Concen: 52.633 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 246524
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9

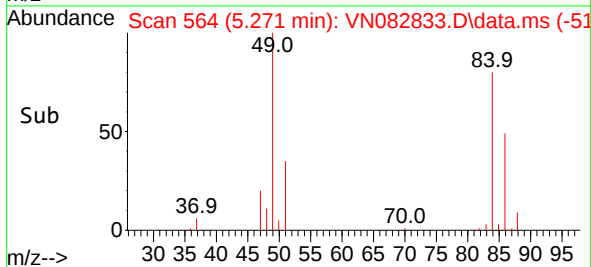
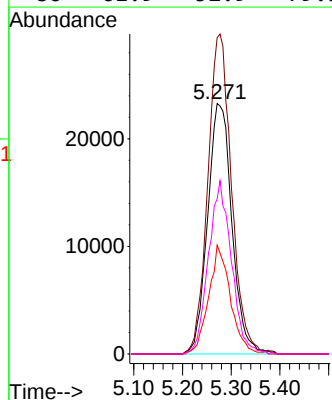
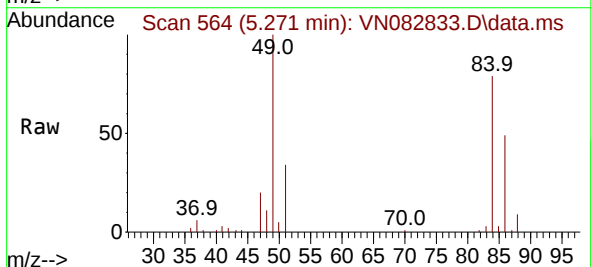
Manual Integrations
APPROVED

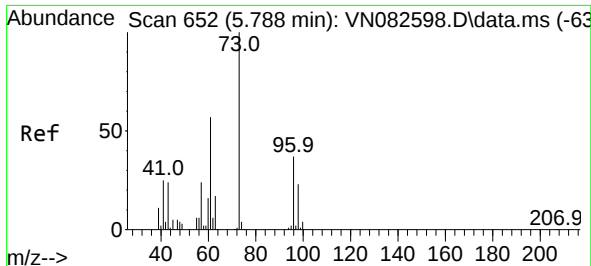
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#20
Methylene Chloride
Concen: 50.997 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

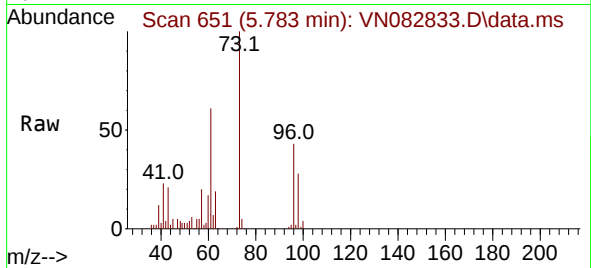
Tgt Ion: 84 Resp: 80849
Ion Ratio Lower Upper
84 100
49 126.3 119.6 179.4
51 43.4 34.8 52.2
86 61.9 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 53.097 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.005 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

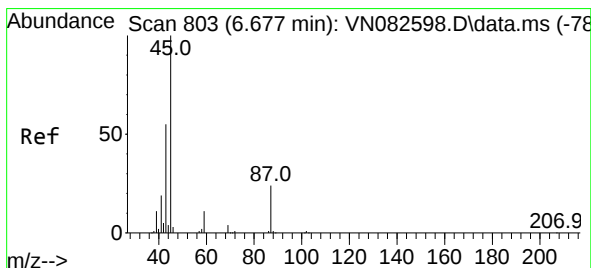
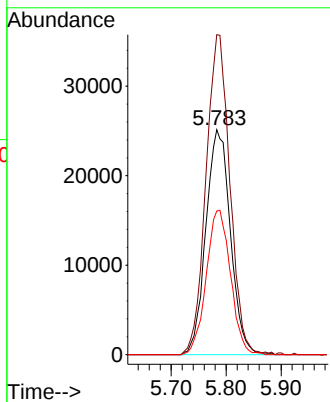
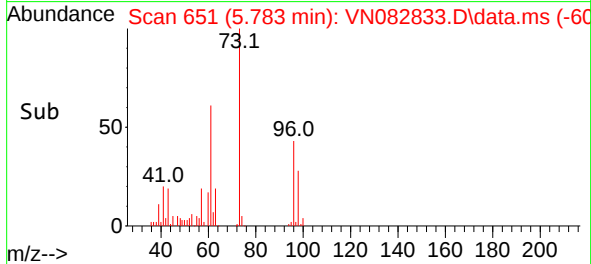
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 78119
Ion Ratio Lower Upper
96 100
61 142.2 123.4 185.2
98 63.8 49.3 73.9

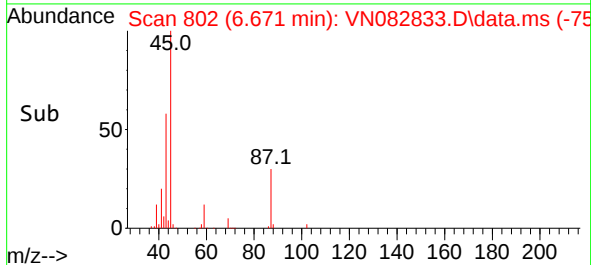
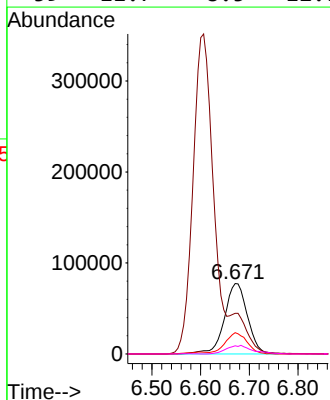
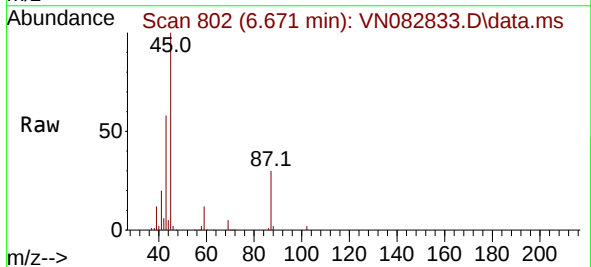
Manual Integrations
APPROVED

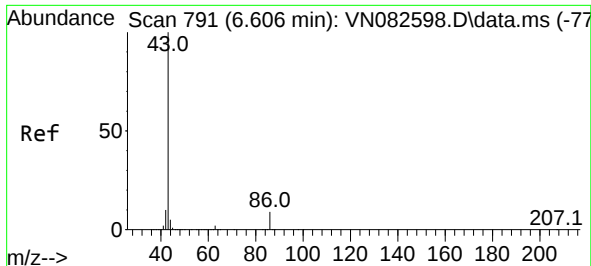
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#22
Diisopropyl ether
Concen: 57.154 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

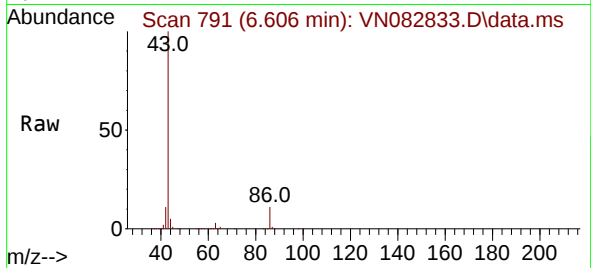
Tgt Ion: 45 Resp: 253148
Ion Ratio Lower Upper
45 100
43 56.3 44.0 66.0
87 30.2 19.7 29.5#
59 11.7 8.5 12.7





#23
 Vinyl Acetate
 Concen: 290.837 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082833.D
 Acq: 09 Jul 2024 10:29

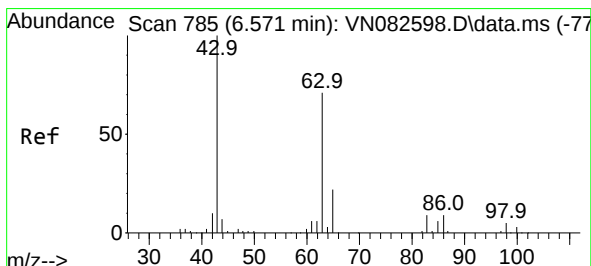
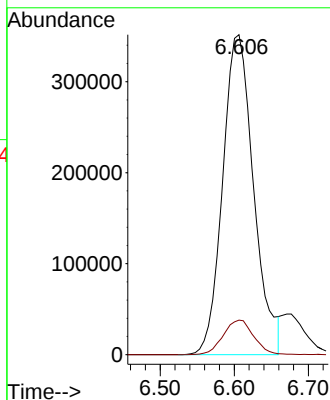
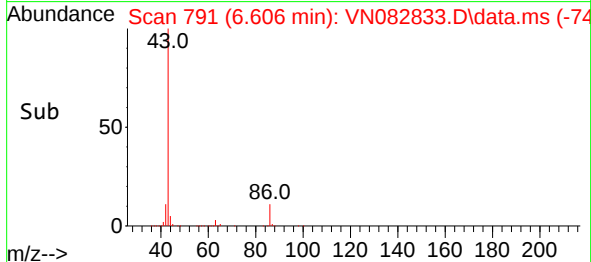
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



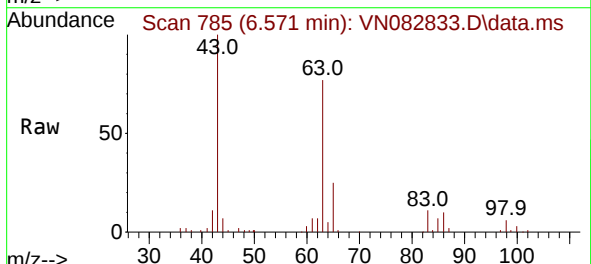
Tgt Ion: 43 Resp: 1022985
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.3 10.9

Manual Integrations
 APPROVED

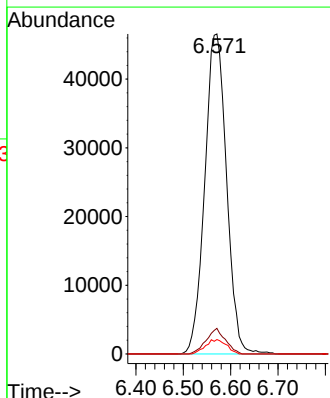
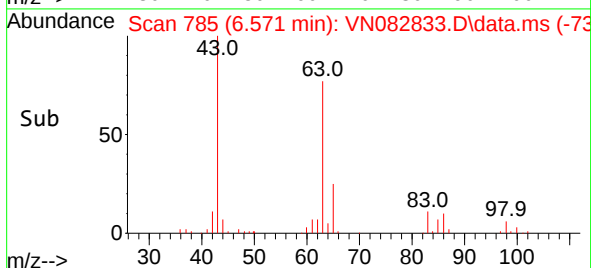
Reviewed By :John Carlone 07/10/2024
 Supervised By :Mahesh Dadoda 07/10/2024

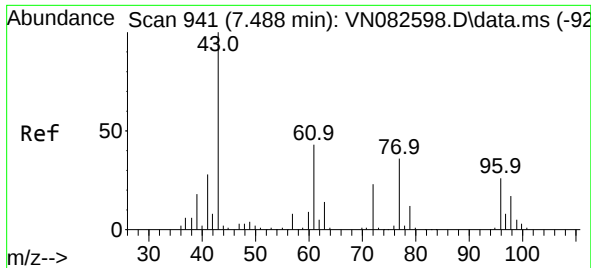


#24
 1,1-Dichloroethane
 Concen: 55.386 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082833.D
 Acq: 09 Jul 2024 10:29



Tgt Ion: 63 Resp: 148805
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.9
 100 4.5 2.0 6.0





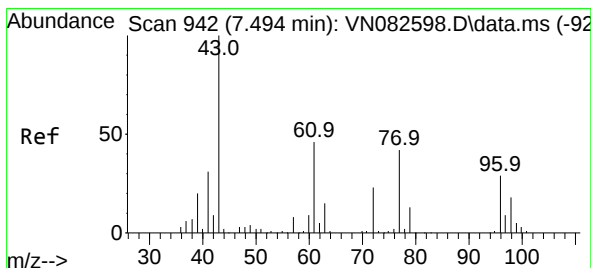
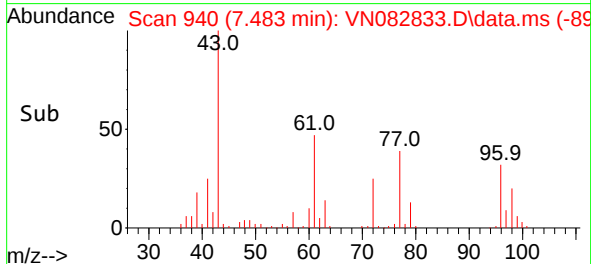
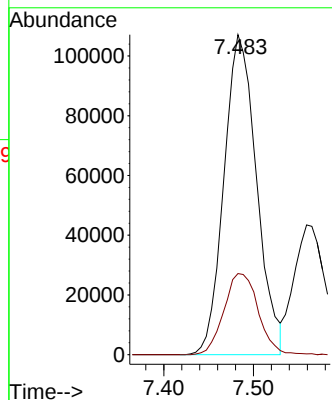
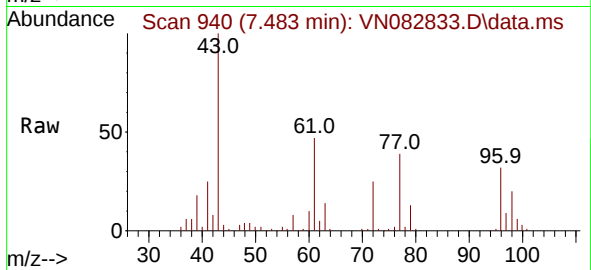
#25
2-Butanone
Concen: 273.230 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.005 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 270832
Ion Ratio Lower Upper
43 100
72 25.4 18.2 27.2

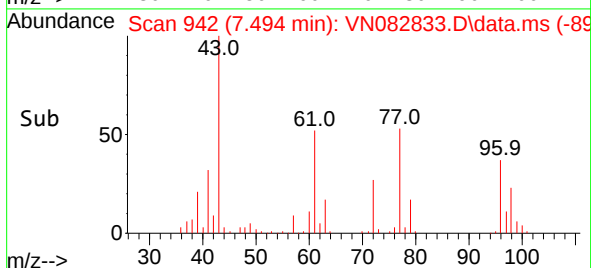
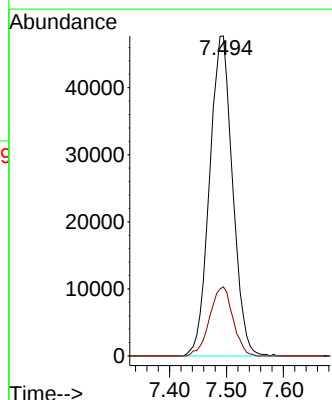
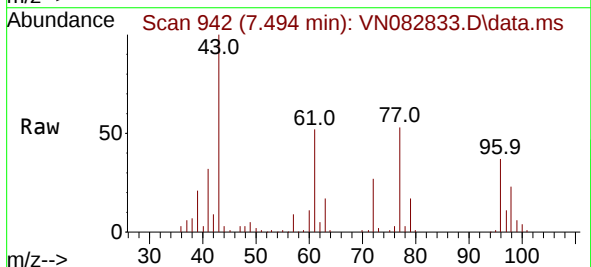
Manual Integrations
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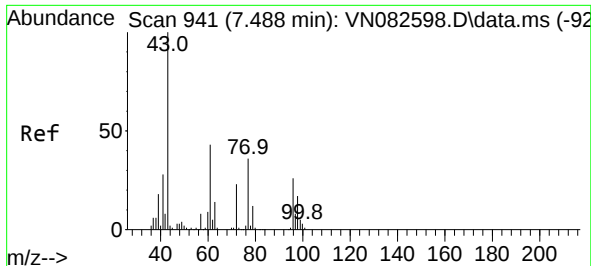
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#26
2,2-Dichloropropane
Concen: 53.762 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

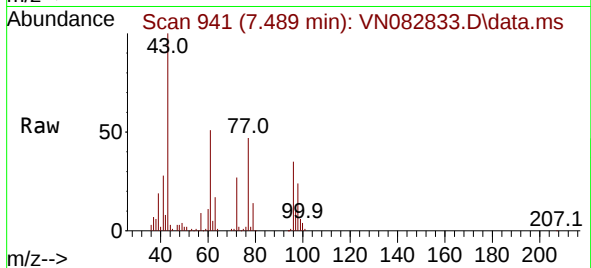
Tgt Ion: 77 Resp: 134298
Ion Ratio Lower Upper
77 100
97 21.9 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 53.913 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.001 min
 Lab File: VN082833.D
 Acq: 09 Jul 2024 10:29

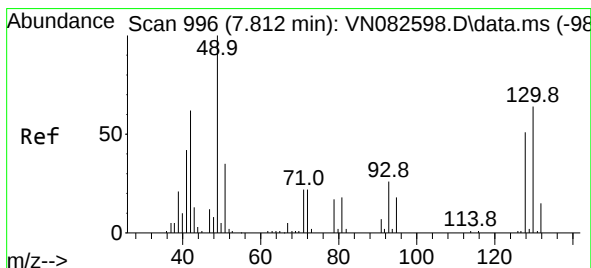
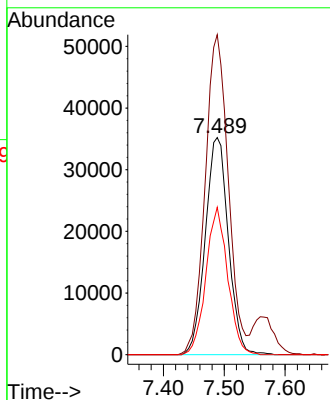
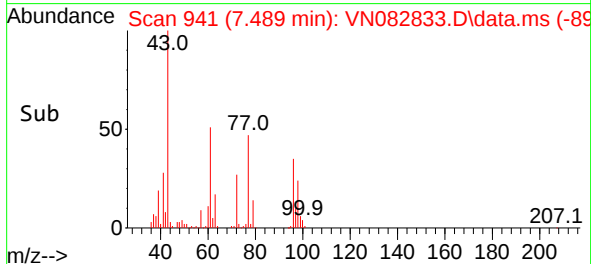
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 9286
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 329.6
 98 64.1 0.0 128.6

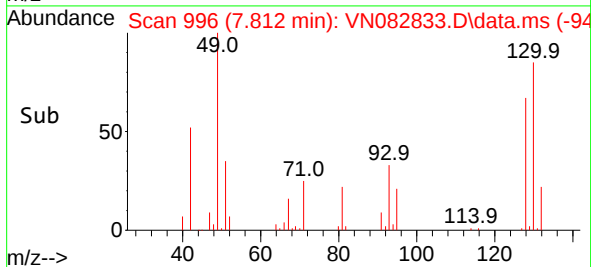
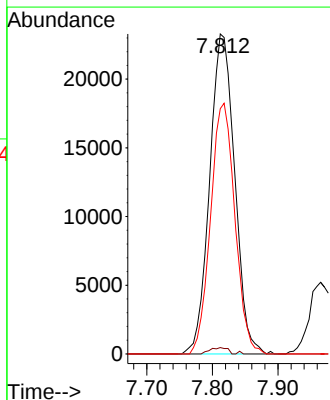
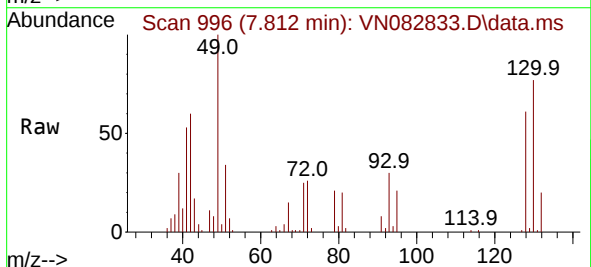
Manual Integrations
 APPROVED

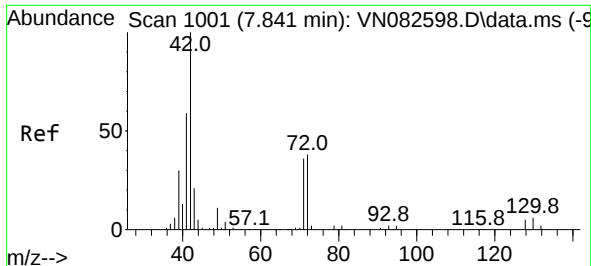
Reviewed By :John Carlone 07/10/2024
 Supervised By :Mahesh Dadoda 07/10/2024



#28
 Bromochloromethane
 Concen: 53.590 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN082833.D
 Acq: 09 Jul 2024 10:29

Tgt Ion: 49 Resp: 61766
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 76.0 50.5 75.7#





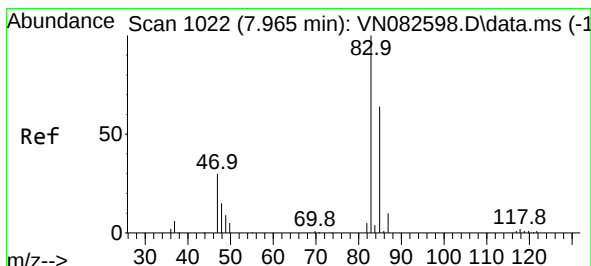
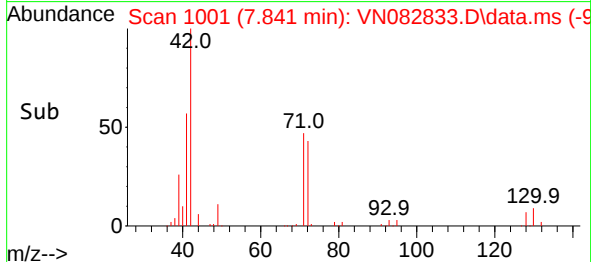
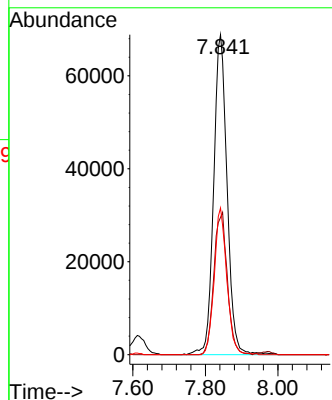
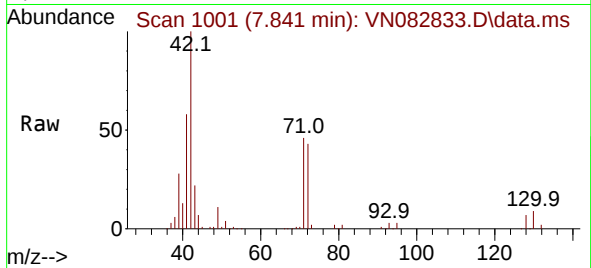
#29
Tetrahydrofuran
Concen: 284.295 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 177408
Ion Ratio Lower Upper
42 100
72 44.7 30.0 45.0
71 43.0 28.3 42.5

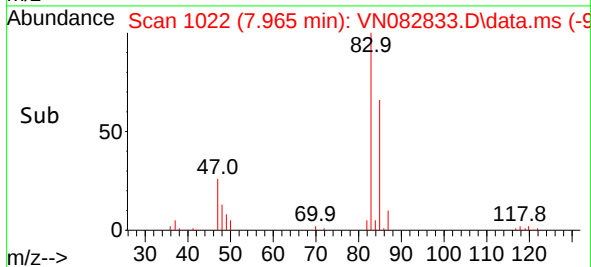
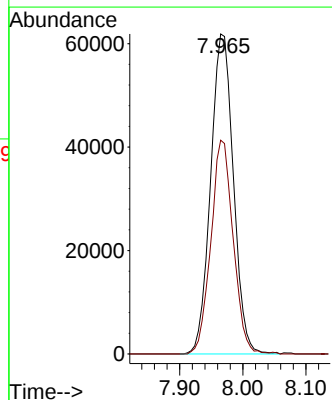
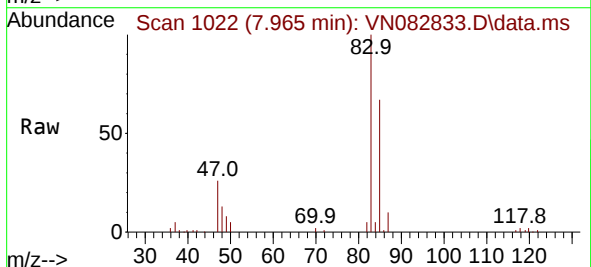
Manual Integrations
APPROVED

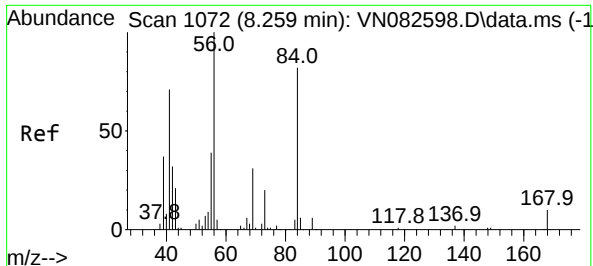
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#30
Chloroform
Concen: 54.346 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

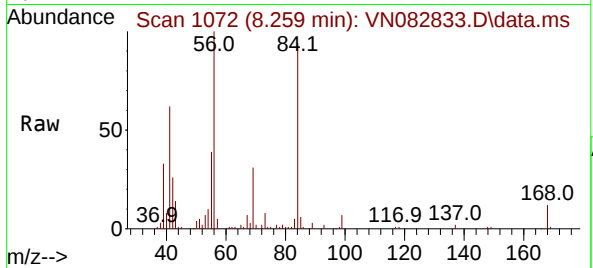
Tgt Ion: 83 Resp: 154898
Ion Ratio Lower Upper
83 100
85 66.8 50.9 76.3





#31
Cyclohexane
Concen: 51.510 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

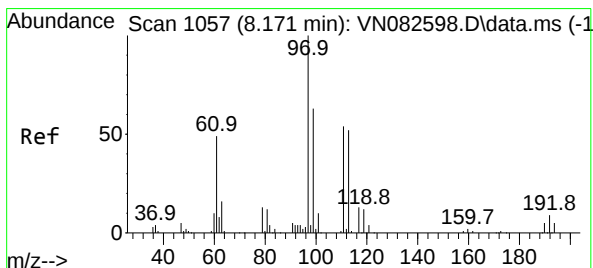
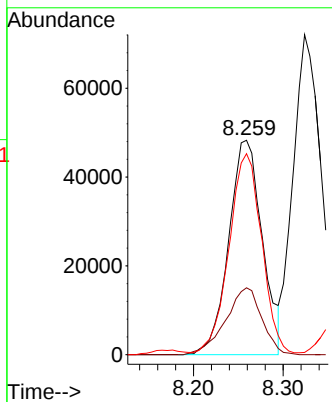
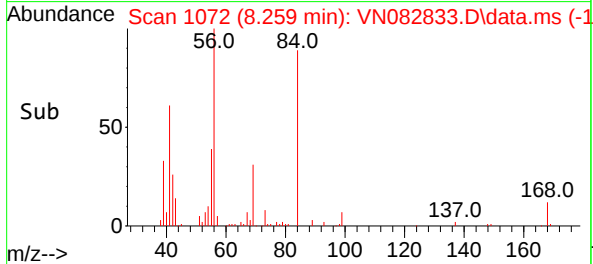
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



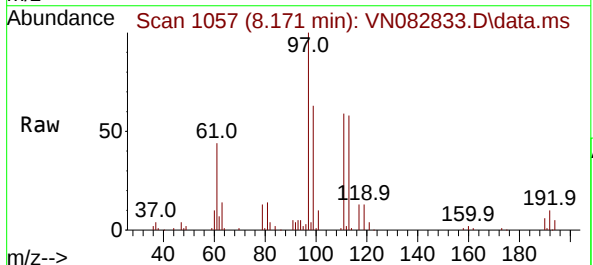
Tgt Ion: 56 Resp: 12556
Ion Ratio Lower Upper
56 100
69 31.2 24.5 36.7
84 92.2 66.0 99.0

Manual Integrations
APPROVED

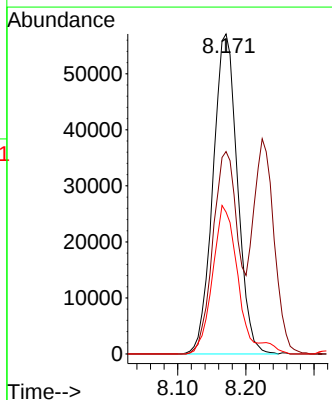
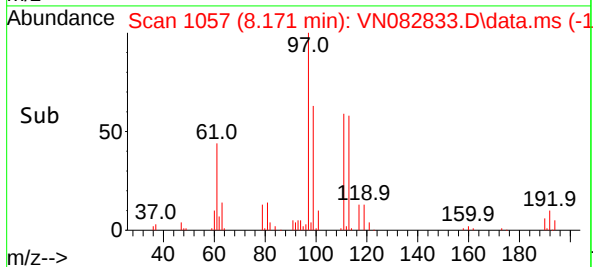
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

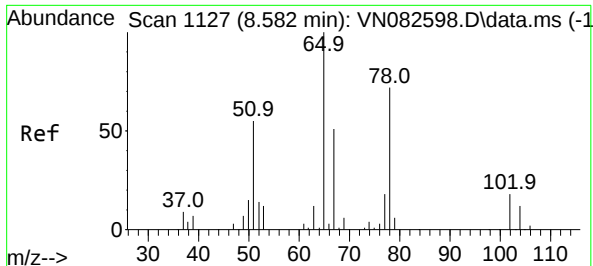


#32
1,1,1-Trichloroethane
Concen: 54.056 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29



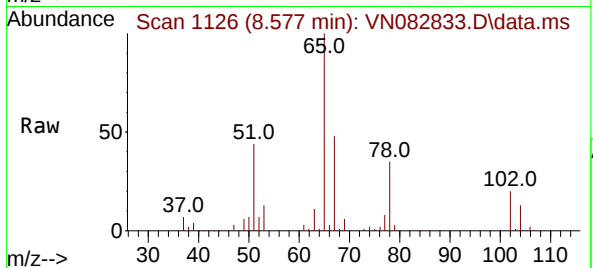
Tgt Ion: 97 Resp: 143047
Ion Ratio Lower Upper
97 100
99 65.8 52.0 78.0
61 48.7 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 56.439 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

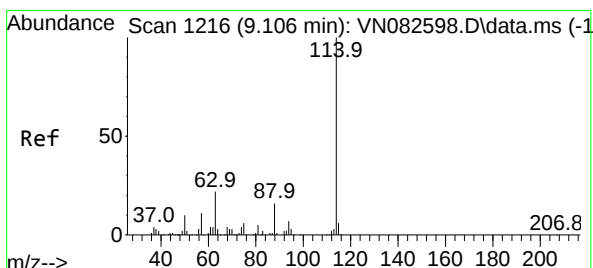
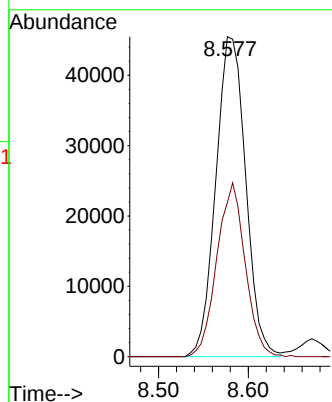
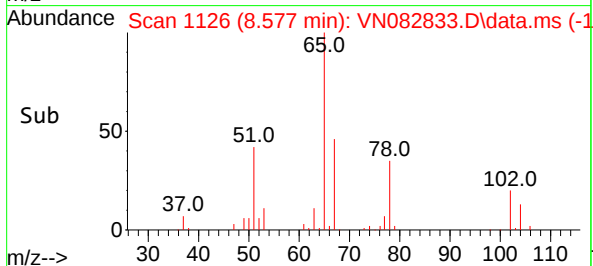
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



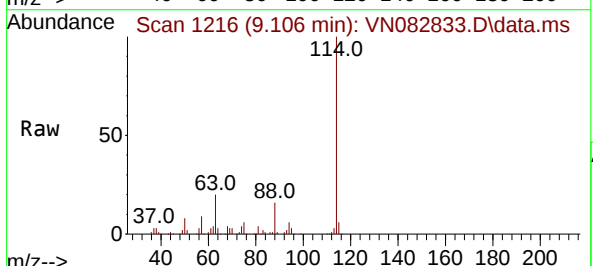
Tgt Ion: 65 Resp: 105234
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4

Manual Integrations
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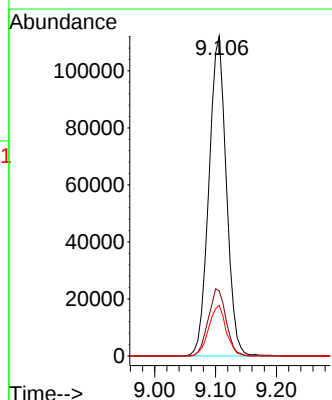
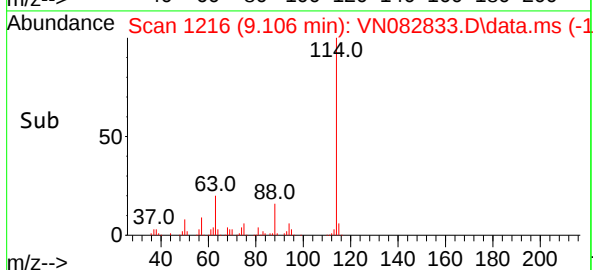
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

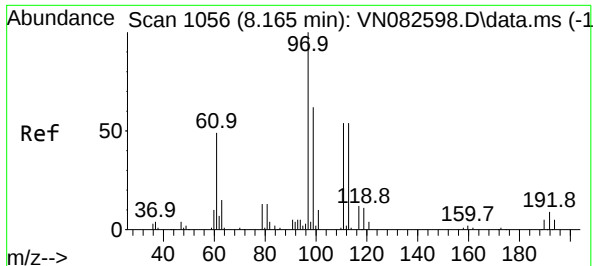


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29



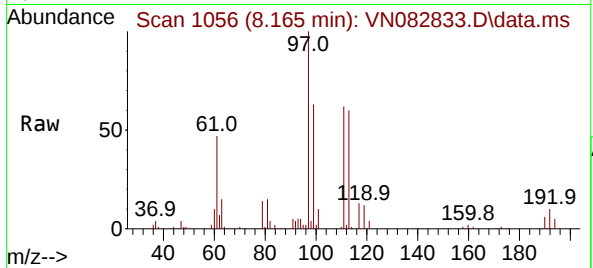
Tgt Ion:114 Resp: 222734
Ion Ratio Lower Upper
114 100
63 20.3 0.0 44.6
88 15.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 56.410 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

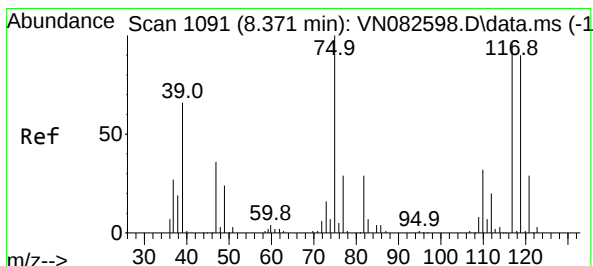
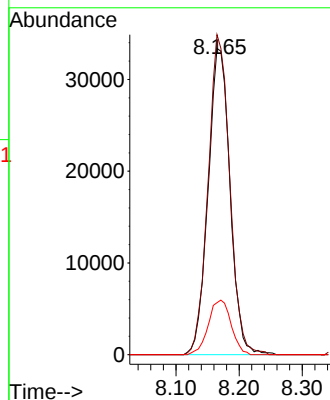
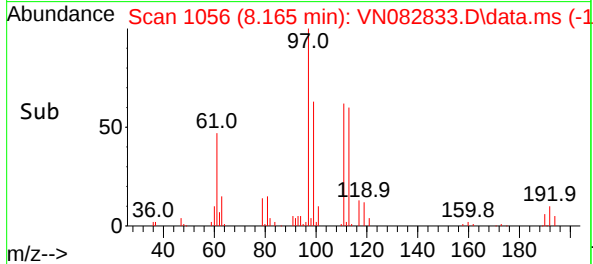
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



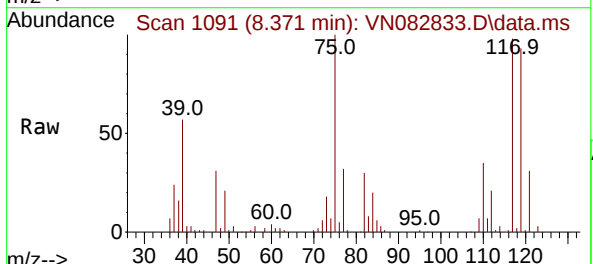
Tgt Ion: 113 Resp: 8062
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 18.5 14.9 22.3

Manual Integrations
APPROVED

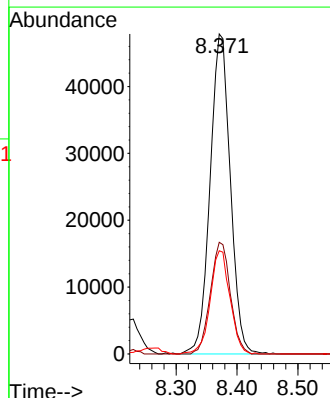
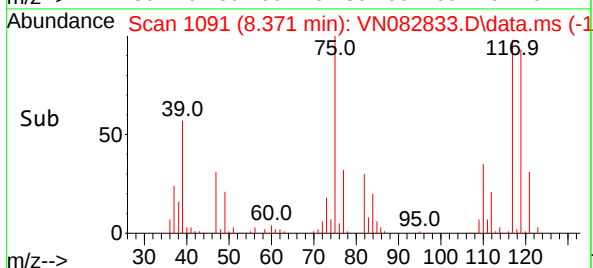
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

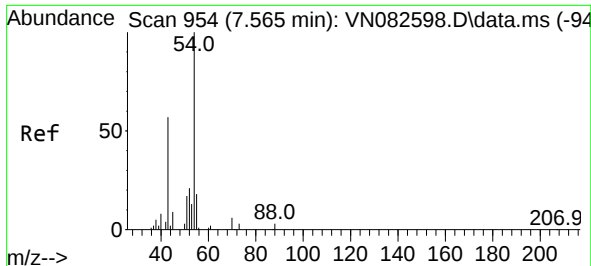


#36
1,1-Dichloropropene
Concen: 56.105 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29



Tgt Ion: 75 Resp: 110557
Ion Ratio Lower Upper
75 100
110 34.4 16.3 48.9
77 31.5 24.6 37.0





#37

Ethyl Acetate

Concen: 54.353 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082833.D

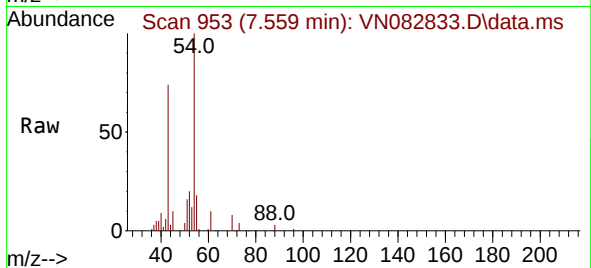
Acq: 09 Jul 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 10904

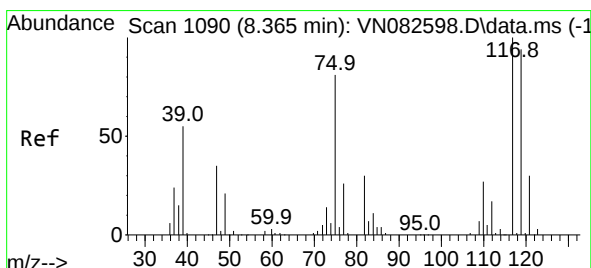
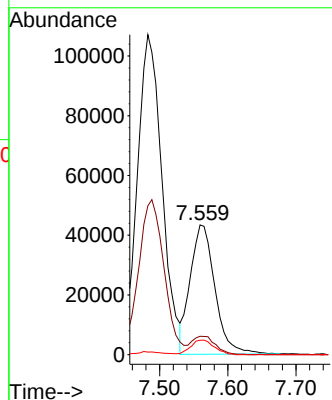
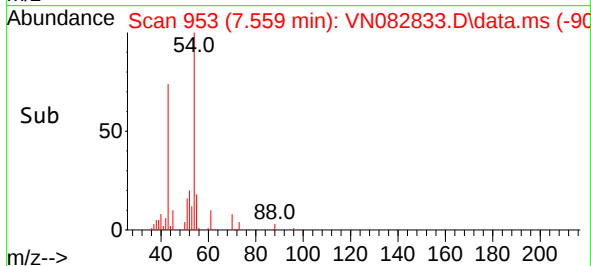
Ion	Ratio	Lower	Upper
43	100		
61	14.2	9.3	13.9
70	10.7	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#38

Carbon Tetrachloride

Concen: 54.143 ug/l

RT: 8.365 min Scan# 1090

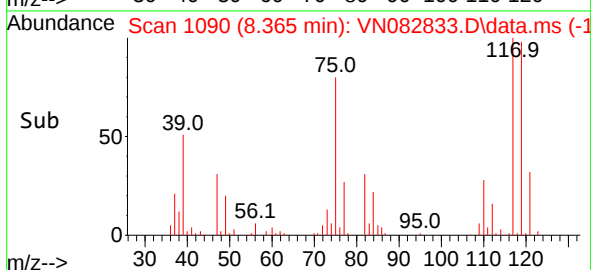
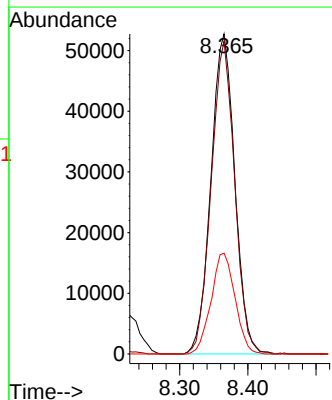
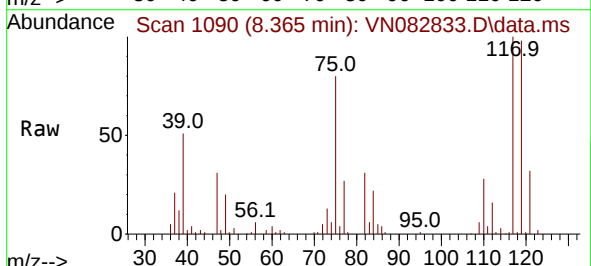
Delta R.T. -0.000 min

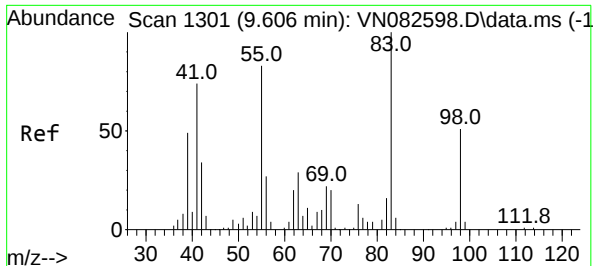
Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Tgt Ion:117 Resp: 128458

Ion	Ratio	Lower	Upper
117	100		
119	97.8	74.9	112.3
121	31.5	24.3	36.5





#39

Methylcyclohexane

Concen: 55.463 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 118054

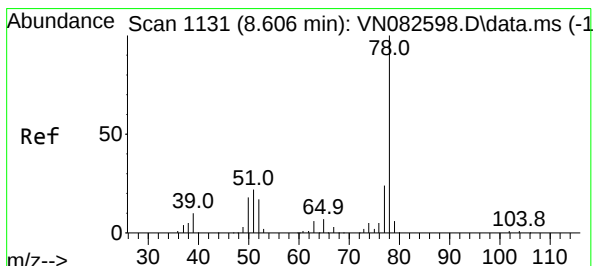
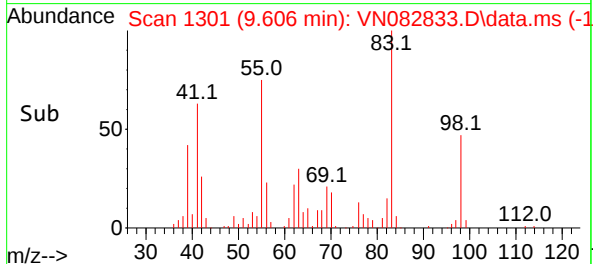
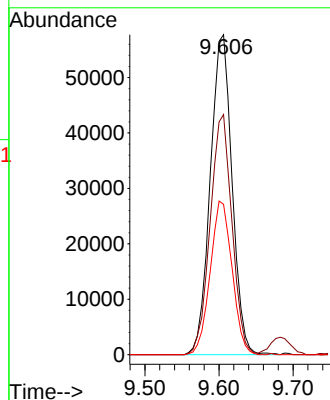
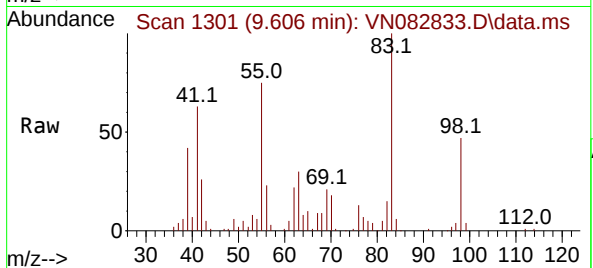
Ion	Ratio	Lower	Upper
83	100		
55	75.1	66.4	99.6
98	47.0	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#40

Benzene

Concen: 54.880 ug/l

RT: 8.606 min Scan# 1131

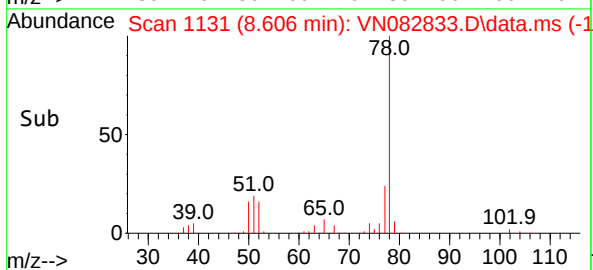
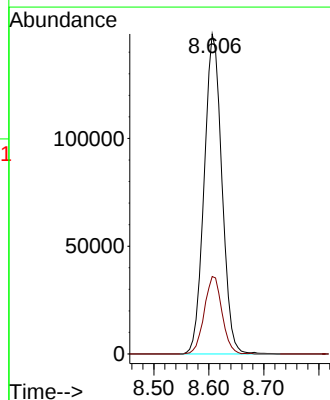
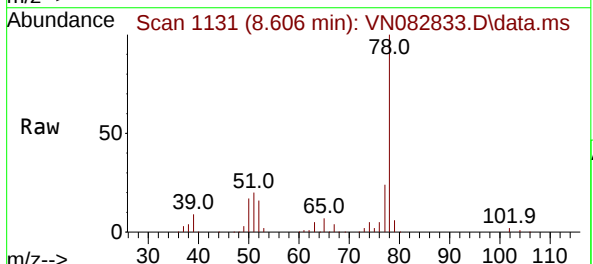
Delta R.T. 0.000 min

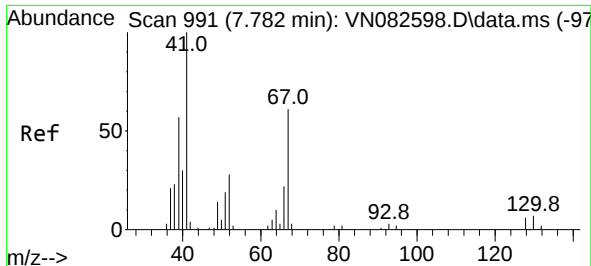
Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Tgt Ion: 78 Resp: 332651

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4





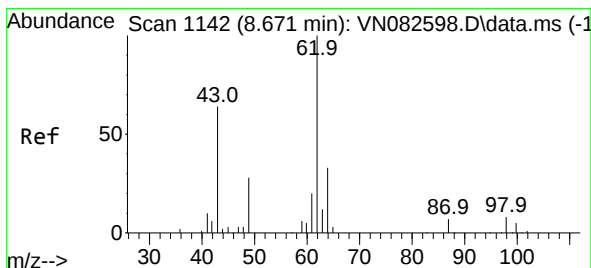
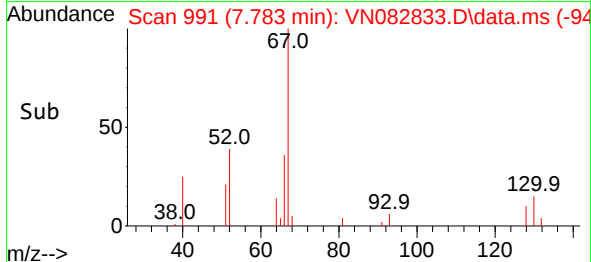
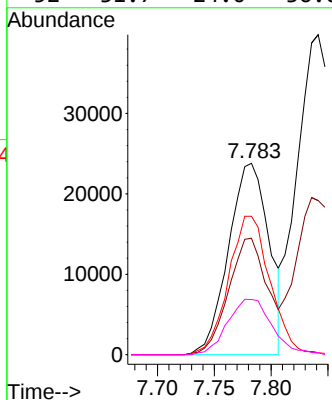
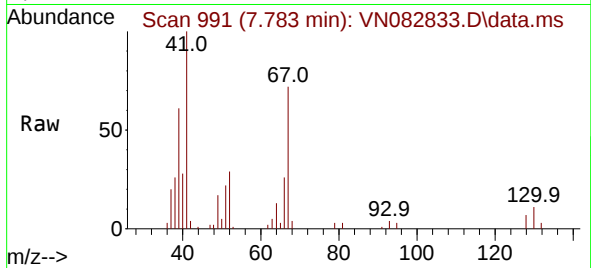
#41
Methacrylonitrile
Concen: 54.627 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 5904
Ion Ratio Lower Upper
41 100
39 58.3 45.5 68.3
67 74.1 50.5 75.7
52 31.7 24.0 36.0

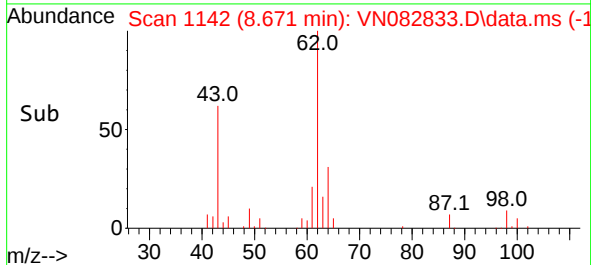
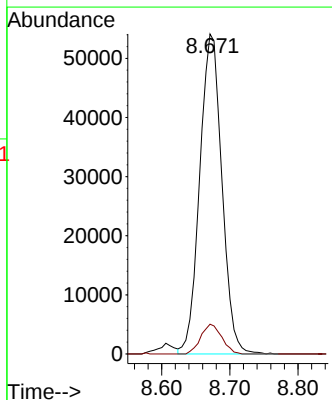
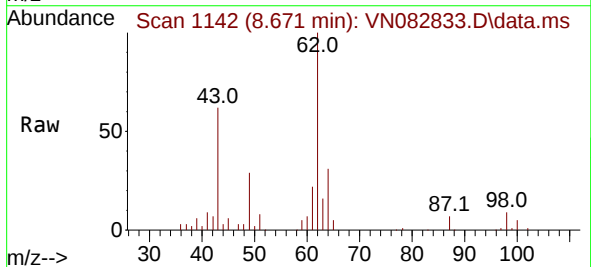
Manual Integrations
APPROVED

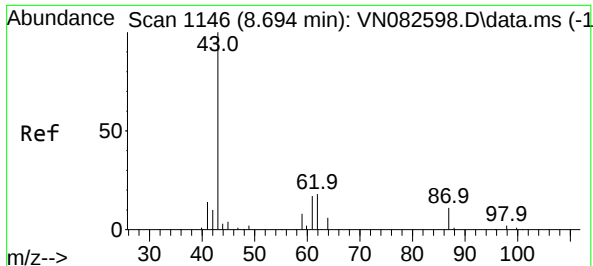
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#42
1,2-Dichloroethane
Concen: 56.094 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion: 62 Resp: 122402
Ion Ratio Lower Upper
62 100
98 8.8 0.0 15.8





#43

Isopropyl Acetate

Concen: 54.080 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 20365

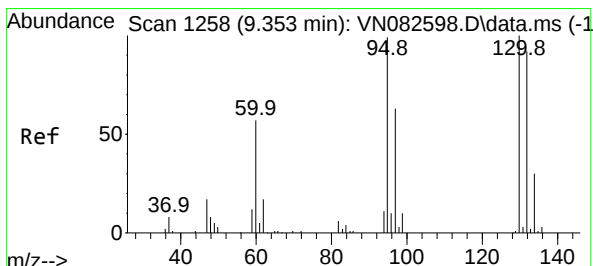
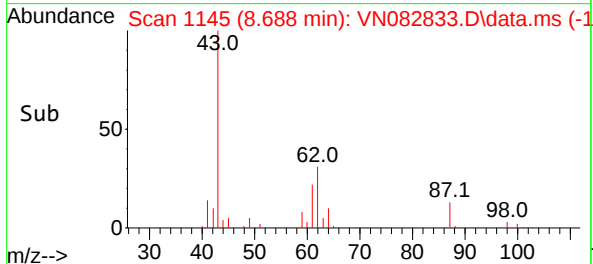
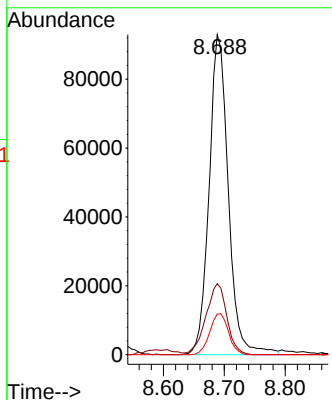
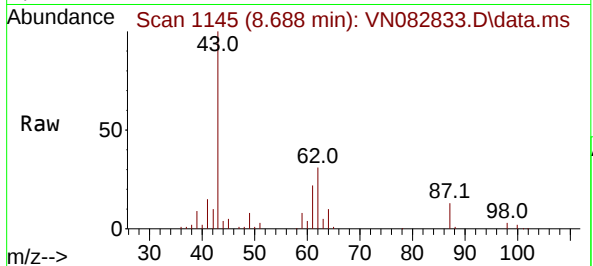
Ion	Ratio	Lower	Upper
43	100		
61	24.2	17.8	26.6
87	12.4	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#44

Trichloroethene

Concen: 52.639 ug/l

RT: 9.353 min Scan# 1258

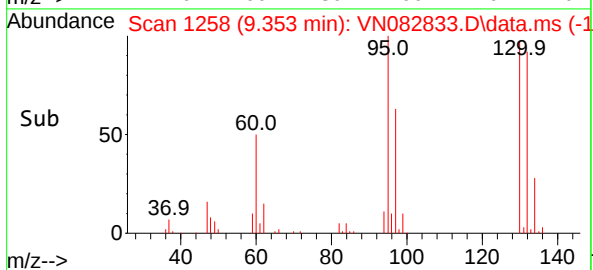
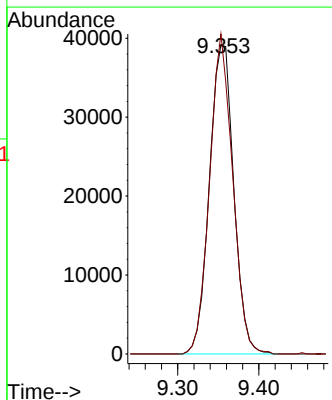
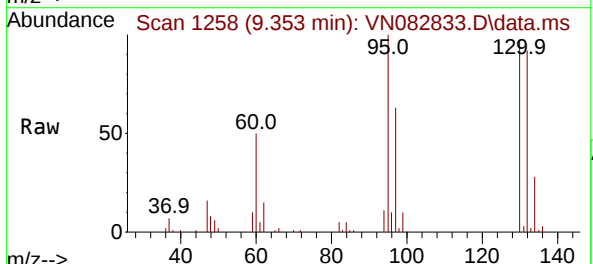
Delta R.T. 0.000 min

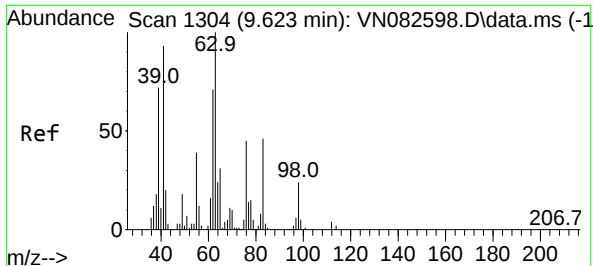
Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Tgt Ion:130 Resp: 81743

Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	197.8





#45

1,2-Dichloropropane

Concen: 58.054 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8215

Ion Ratio Lower Upper

63 100

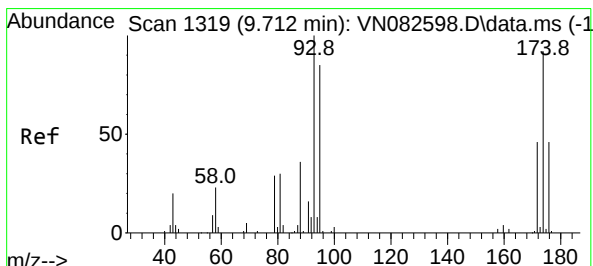
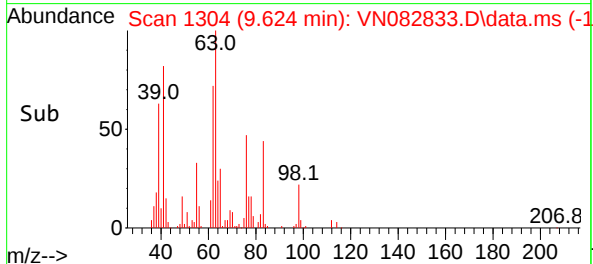
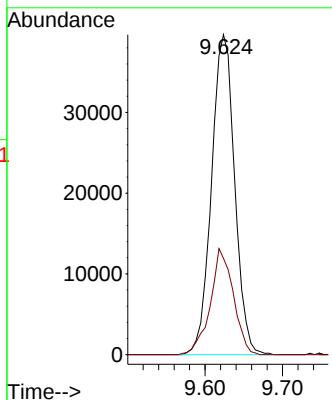
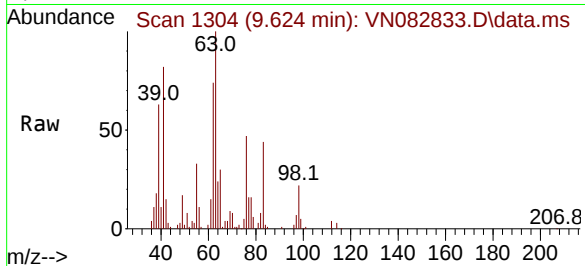
65 30.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#46

Dibromomethane

Concen: 55.091 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

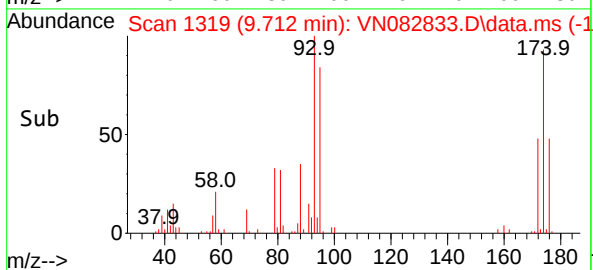
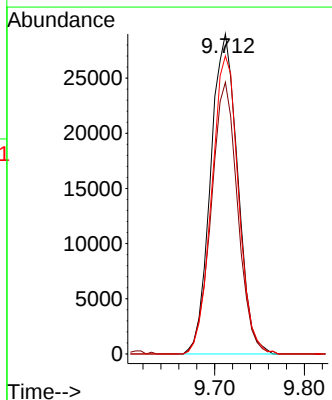
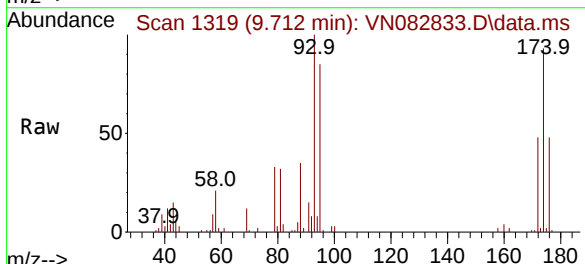
Tgt Ion: 93 Resp: 60735

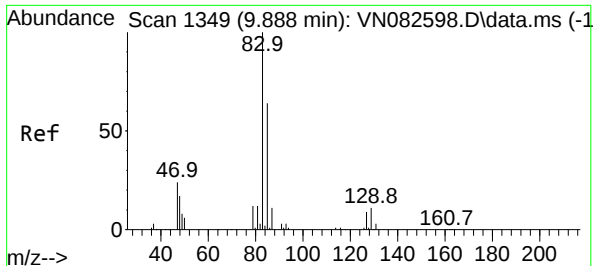
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

174 91.9 71.7 107.5





#47

Bromodichloromethane

Concen: 55.988 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 12753

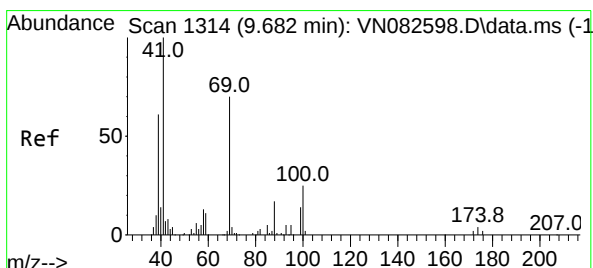
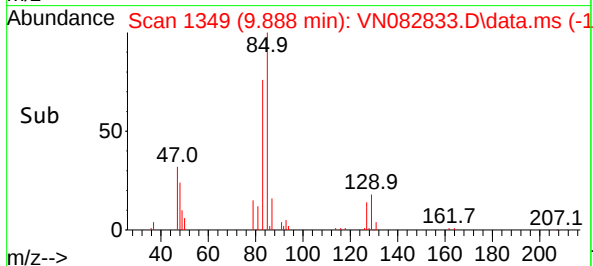
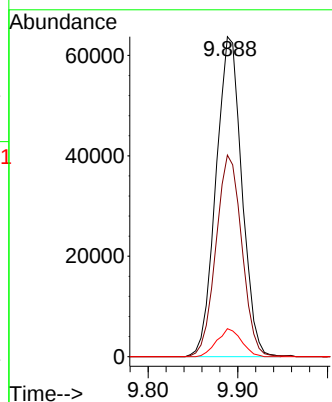
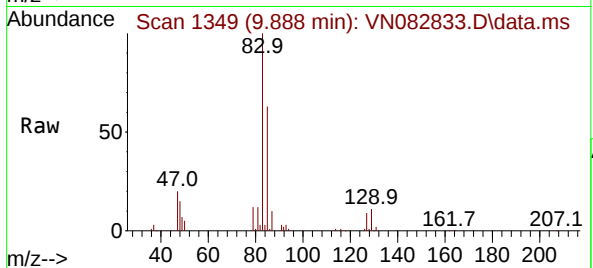
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.1	76.7
127	8.7	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#48

Methyl methacrylate

Concen: 55.779 ug/l

RT: 9.683 min Scan# 1314

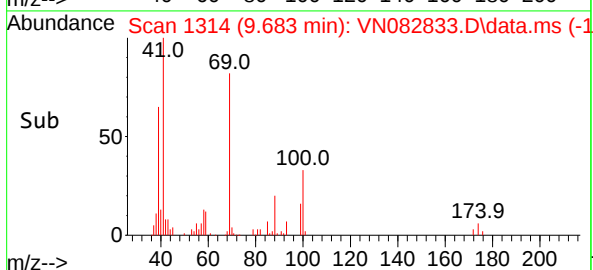
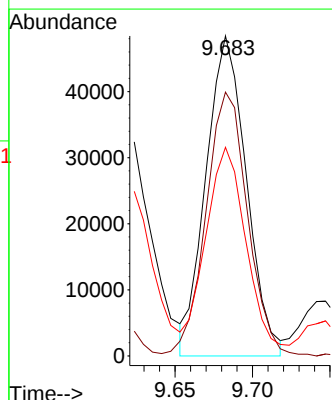
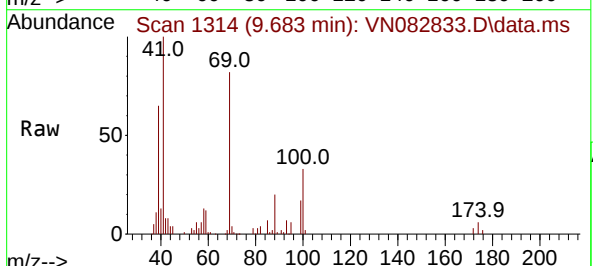
Delta R.T. 0.001 min

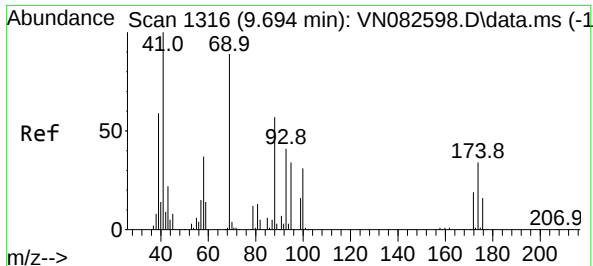
Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Tgt Ion: 41 Resp: 87744

Ion	Ratio	Lower	Upper
41	100		
69	85.1	56.3	84.5
39	66.7	50.3	75.5





#49

1,4-Dioxane

Concen: 1069.377 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

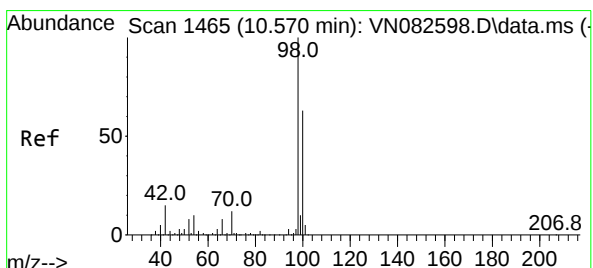
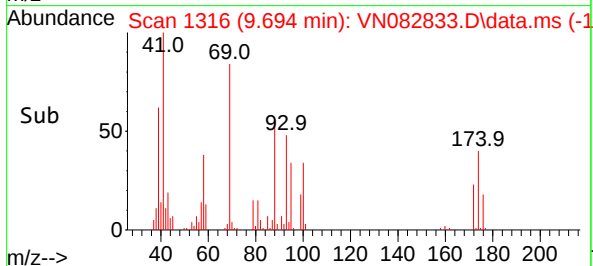
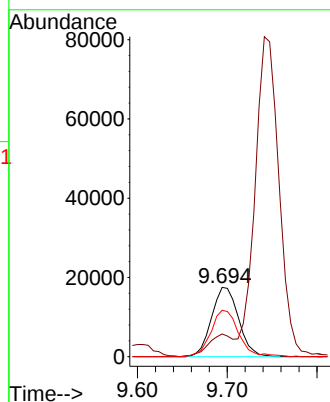
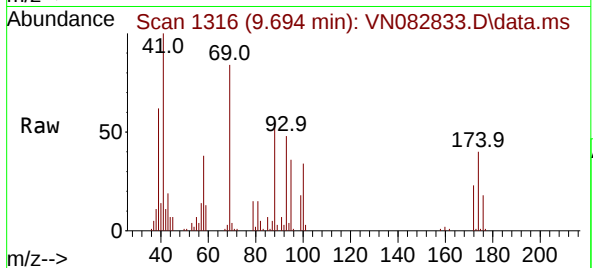
Tgt Ion: 88 Resp: 36532
 Ion Ratio Lower Upper
 88 100
 43 28.6 27.8 41.8
 58 69.3 59.4 89.0

Manual Integrations

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Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#50

Toluene-d8

Concen: 58.403 ug/l

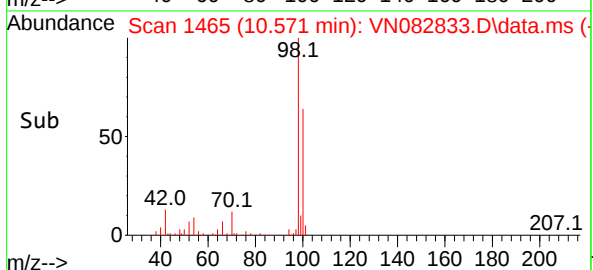
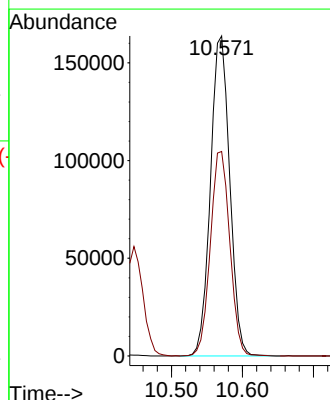
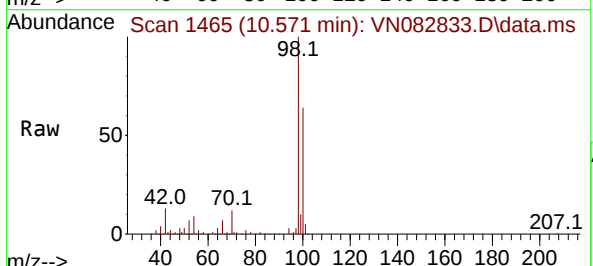
RT: 10.571 min Scan# 1465

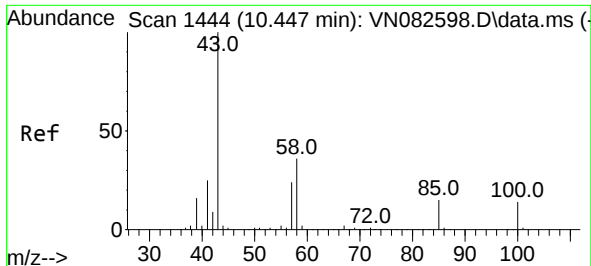
Delta R.T. 0.001 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Tgt Ion: 98 Resp: 308300
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.5 77.3





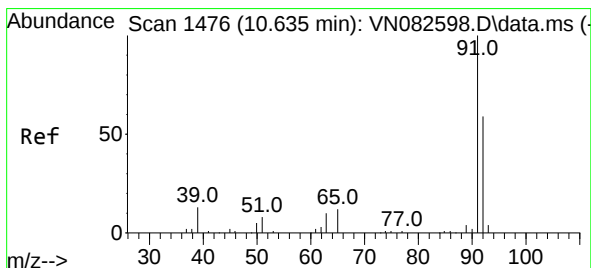
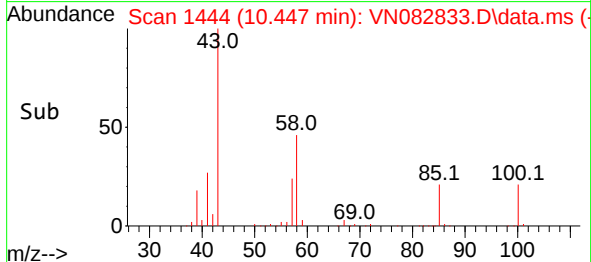
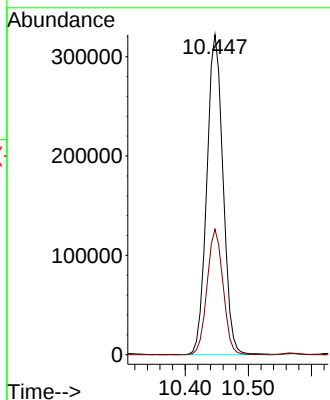
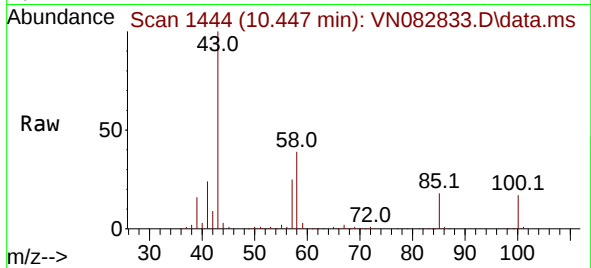
#51
4-Methyl-2-Pentanone
Concen: 289.485 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 575754
Ion Ratio Lower Upper
43 100
58 38.6 28.2 42.4

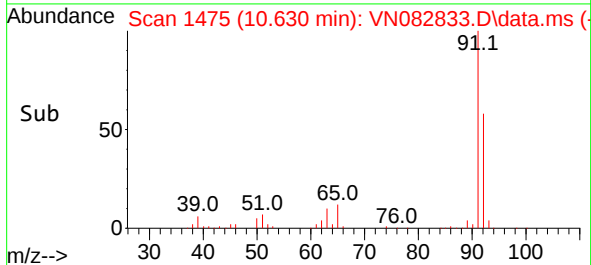
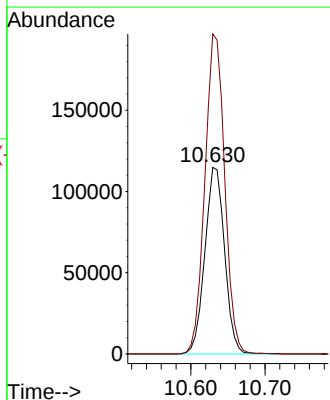
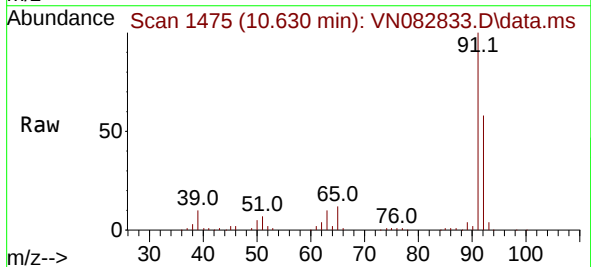
Manual Integrations
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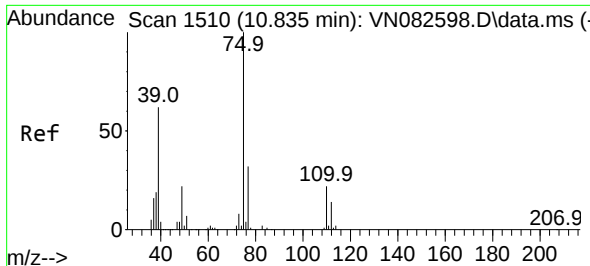
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#52
Toluene
Concen: 56.100 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.005 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion: 92 Resp: 212418
Ion Ratio Lower Upper
92 100
91 172.2 139.4 209.0





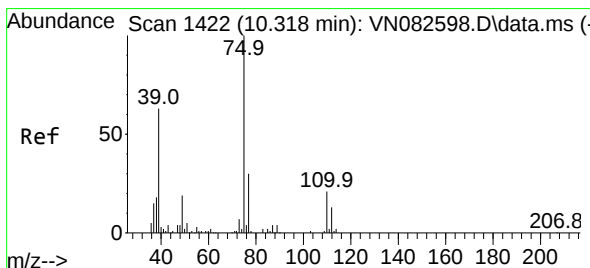
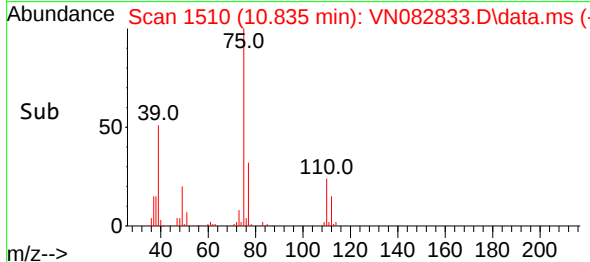
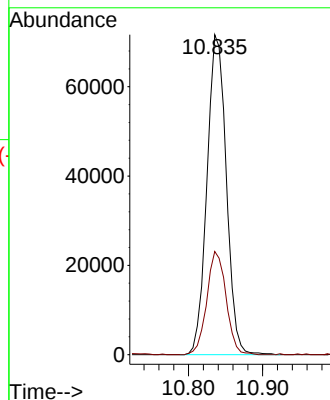
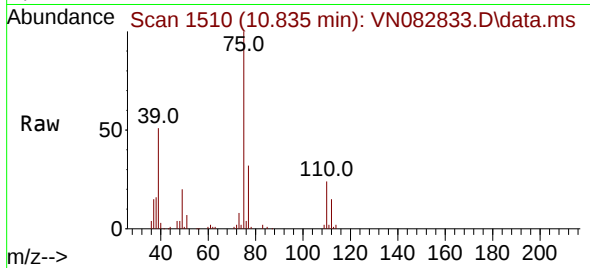
#53
t-1,3-Dichloropropene
Concen: 55.275 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 12971
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5

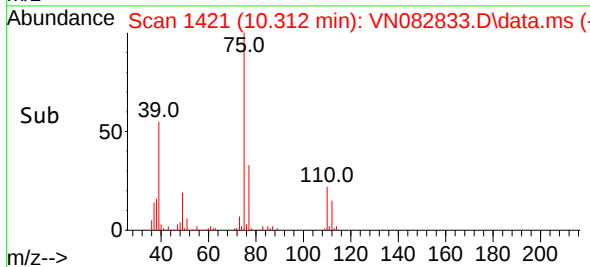
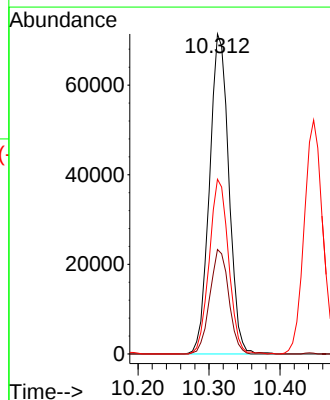
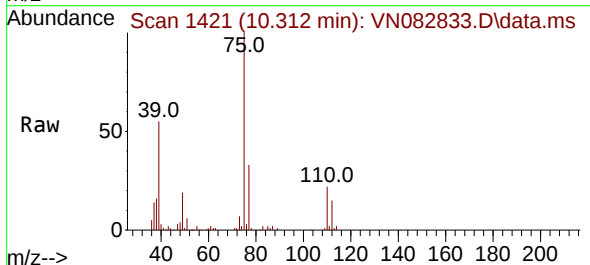
Manual Integrations
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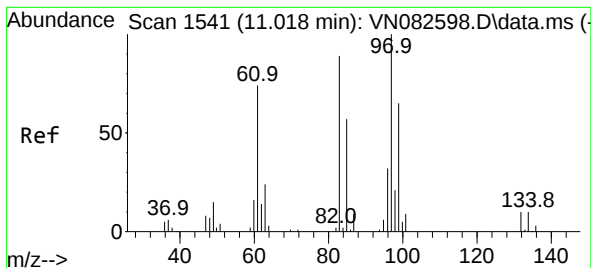
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#54
cis-1,3-Dichloropropene
Concen: 54.248 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion: 75 Resp: 134745
Ion Ratio Lower Upper
75 100
77 32.6 24.3 36.5
39 54.6 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 57.207 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 7965

Ion Ratio Lower Upper

97 100

83 87.3 71.4 107.0

85 53.6 45.8 68.6

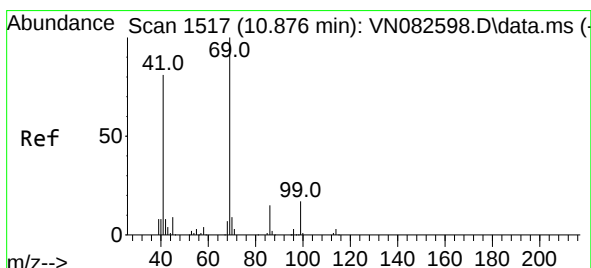
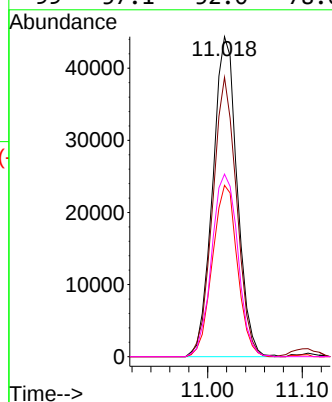
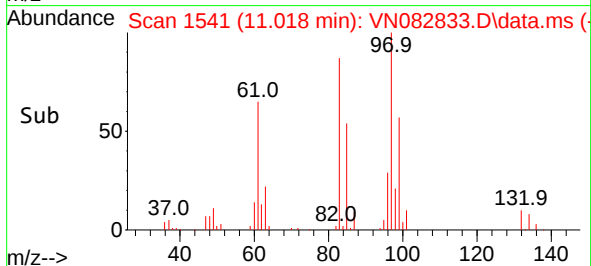
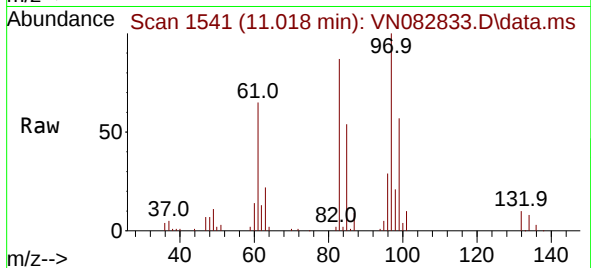
99 57.1 52.0 78.0

Manual Integrations

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Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#56

Ethyl methacrylate

Concen: 58.445 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.001 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

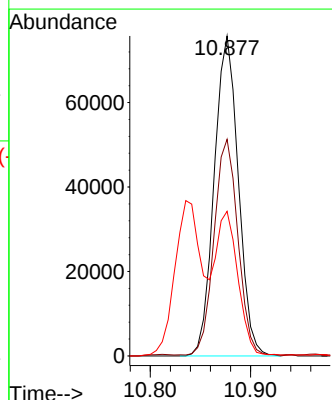
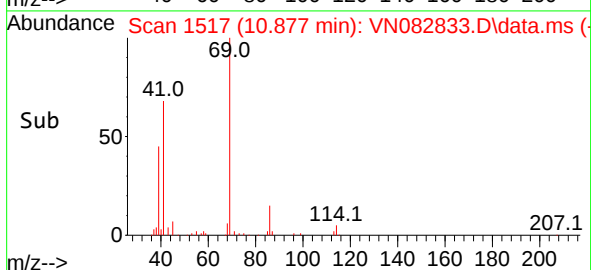
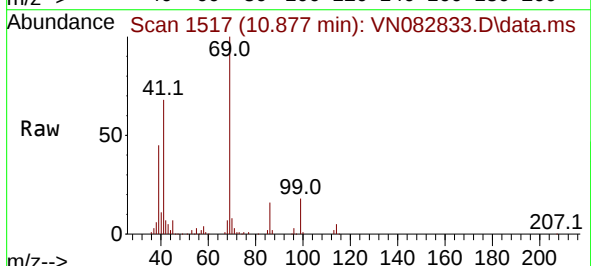
Tgt Ion: 69 Resp: 126603

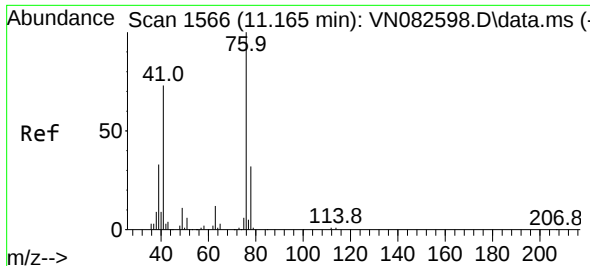
Ion Ratio Lower Upper

69 100

41 66.7 63.4 95.2

39 40.9 37.4 56.0





#57

1,3-Dichloropropane

Concen: 55.830 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 137599

Ion Ratio Lower Upper

76 100

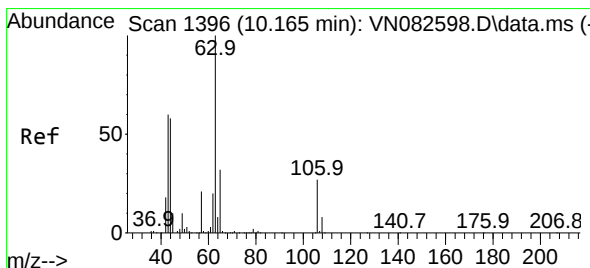
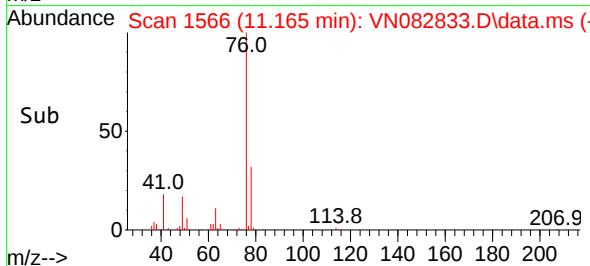
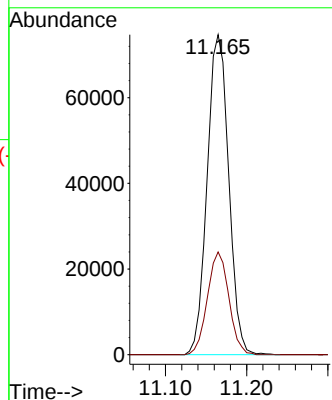
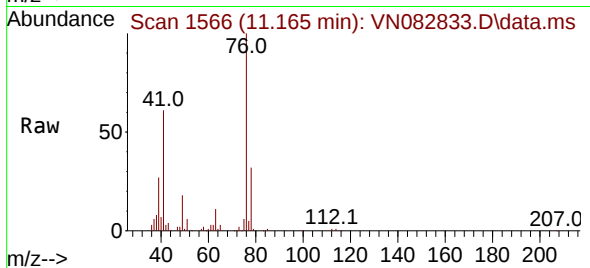
78 32.0 25.6 38.4

Manual Integrations

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Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#58

2-Chloroethyl Vinyl ether

Concen: 292.212 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN082833.D

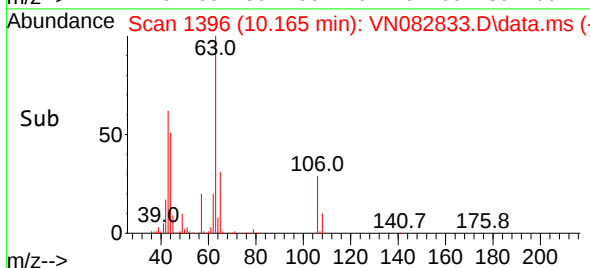
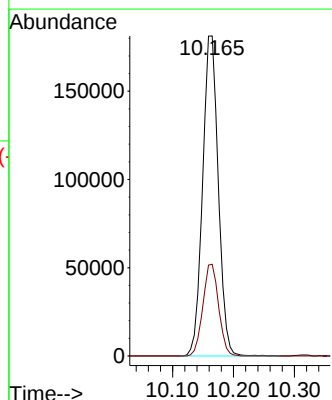
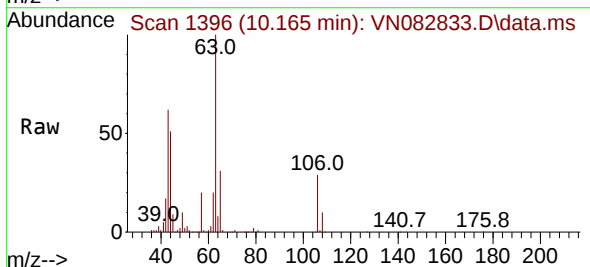
Acq: 09 Jul 2024 10:29

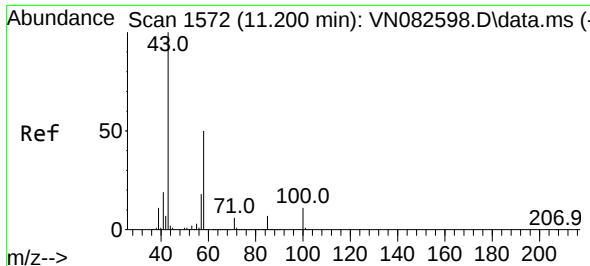
Tgt Ion: 63 Resp: 324802

Ion Ratio Lower Upper

63 100

106 28.7 21.4 32.0





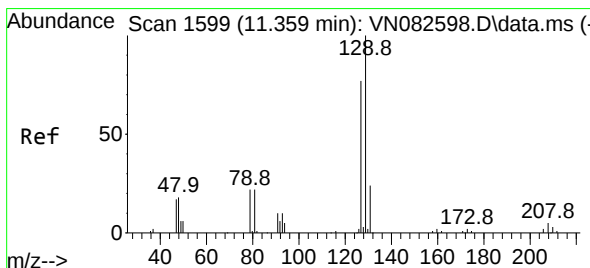
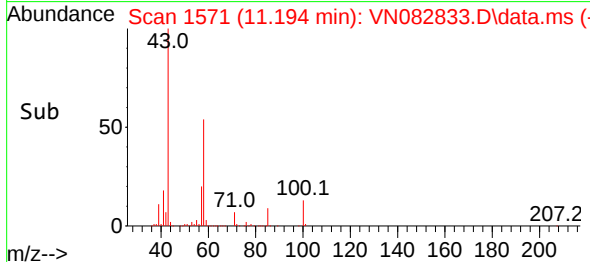
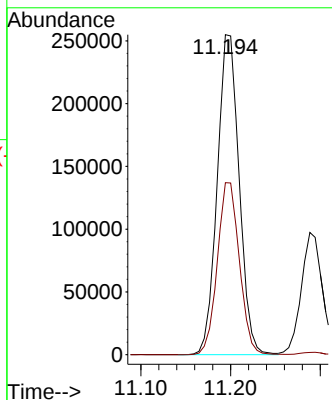
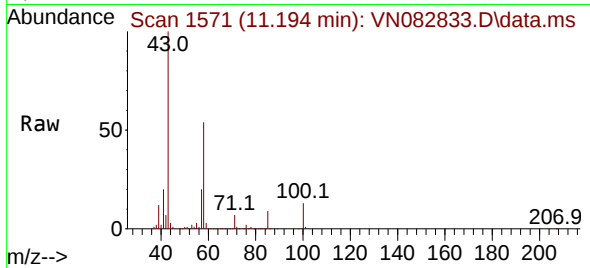
#59
2-Hexanone
Concen: 293.006 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 433270
Ion Ratio Lower Upper
43 100
58 54.0 24.6 73.8

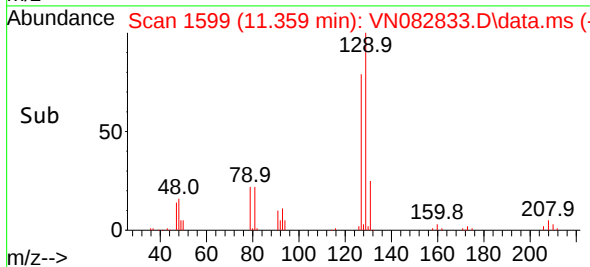
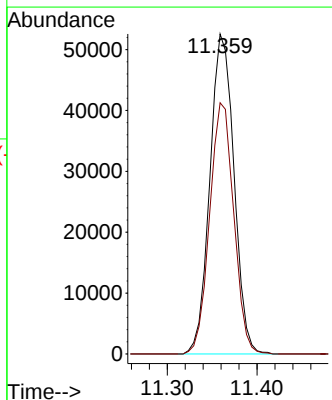
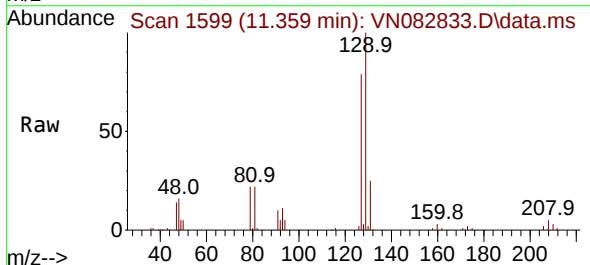
Manual Integrations
APPROVED

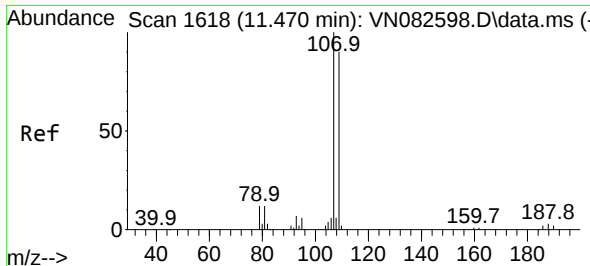
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#60
Dibromochloromethane
Concen: 55.304 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion:129 Resp: 98074
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





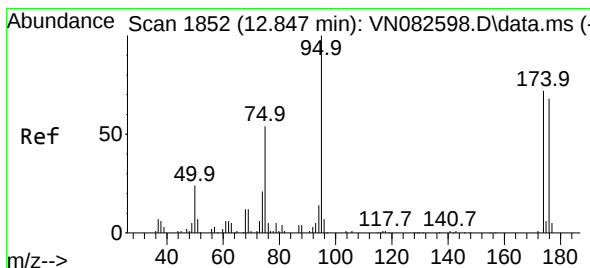
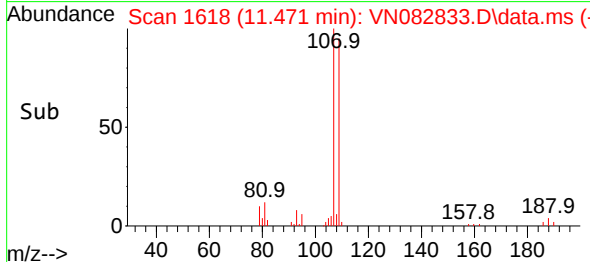
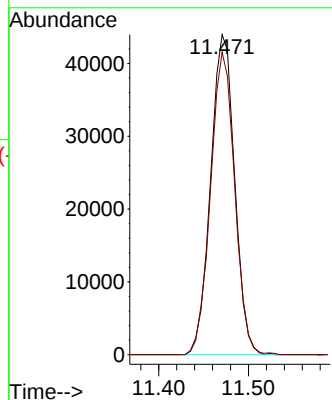
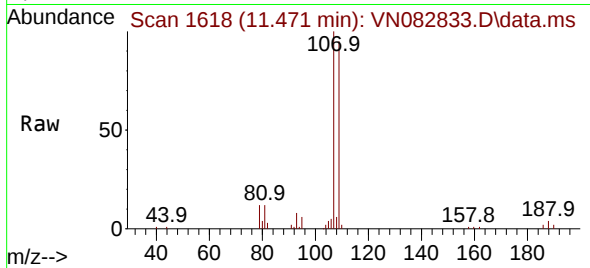
#61
1,2-Dibromoethane
Concen: 55.148 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 81542
Ion Ratio Lower Upper
107 100
109 94.9 73.7 110.5

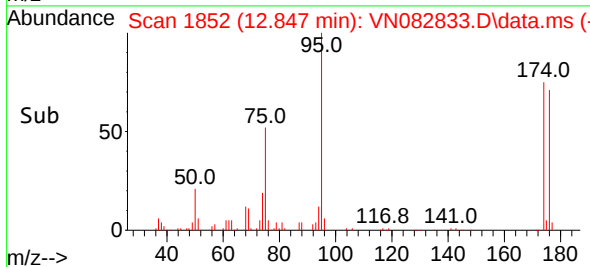
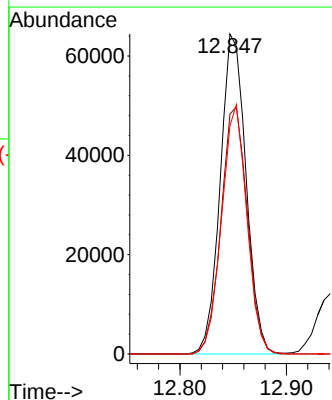
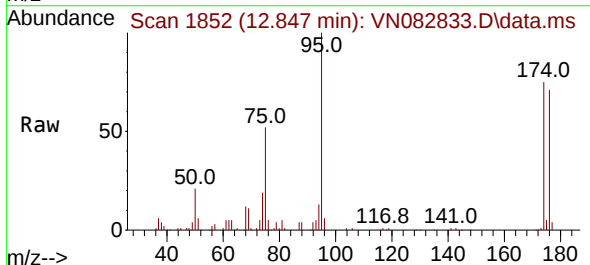
Manual Integrations
APPROVED

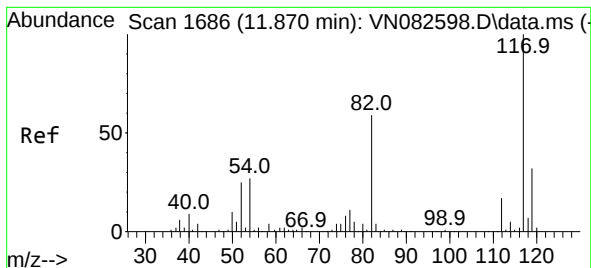
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#62
4-Bromofluorobenzene
Concen: 57.131 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion: 95 Resp: 108331
Ion Ratio Lower Upper
95 100
174 78.8 0.0 159.2
176 76.1 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 209458

Ion Ratio Lower Upper

117 100

82 58.8 47.5 71.3

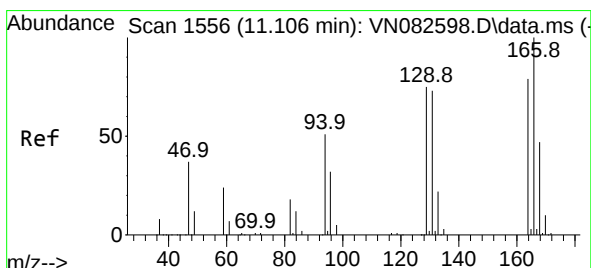
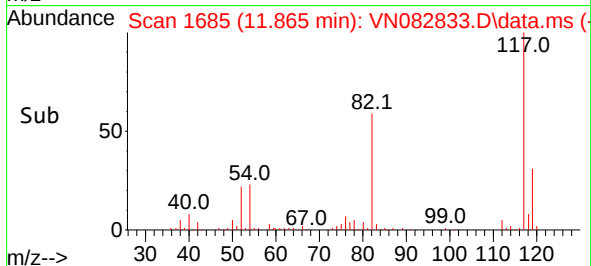
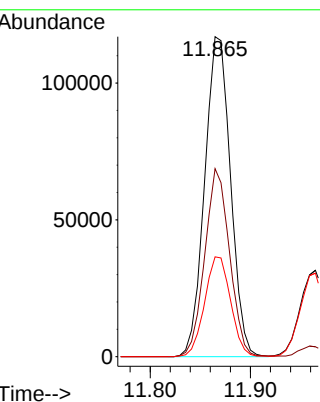
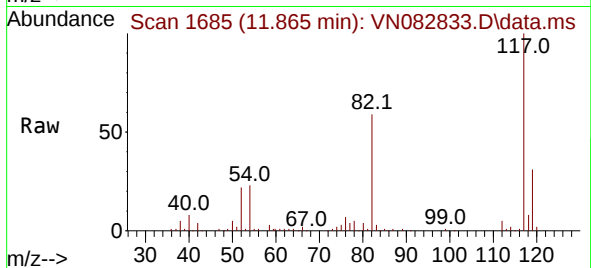
119 31.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#64

Tetrachloroethene

Concen: 51.661 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Tgt Ion:164 Resp: 80731

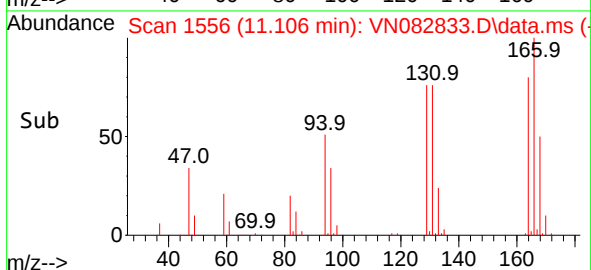
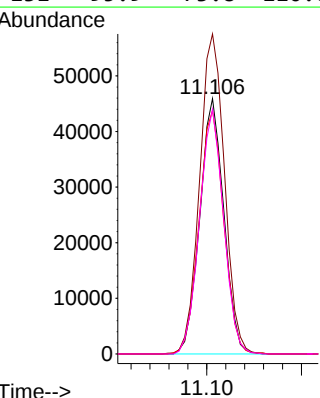
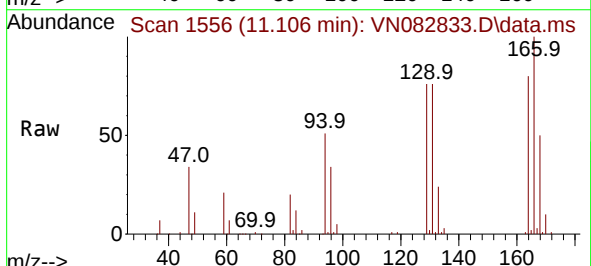
Ion Ratio Lower Upper

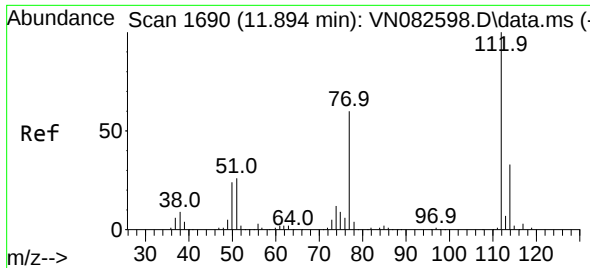
164 100

166 125.3 101.4 152.0

129 95.4 75.7 113.5

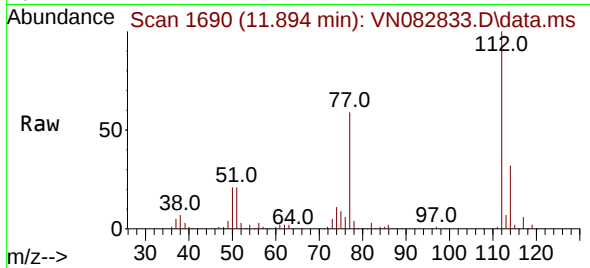
131 95.9 73.8 110.6





#65
Chlorobenzene
Concen: 52.404 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

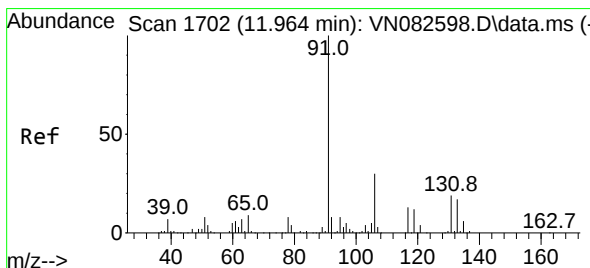
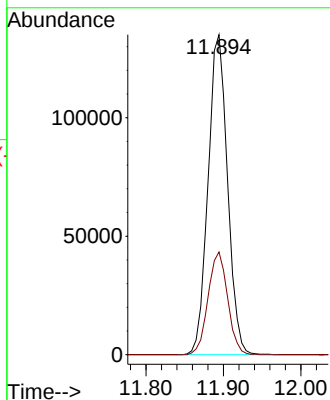
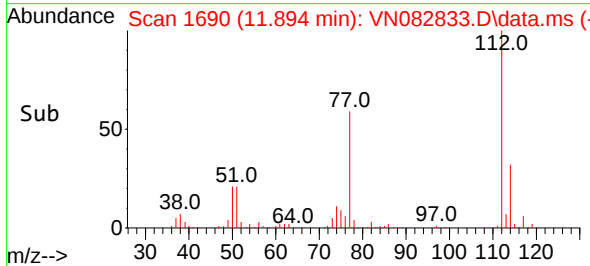
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 235208
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

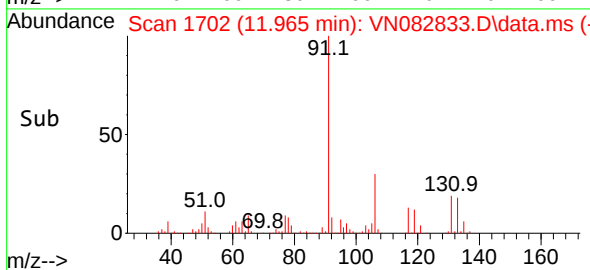
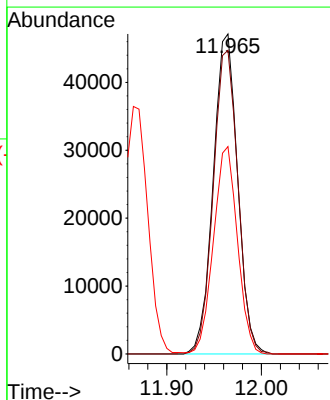
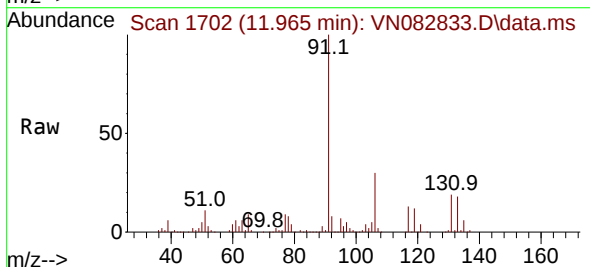
Manual Integrations
APPROVED

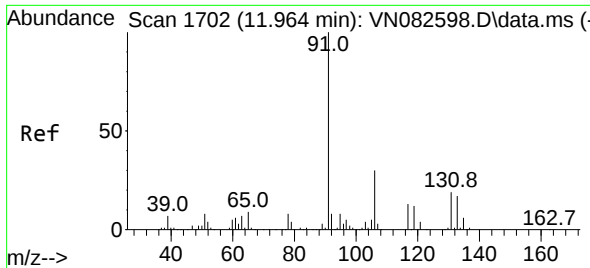
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 52.851 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion:131 Resp: 84376
Ion Ratio Lower Upper
131 100
133 95.7 47.3 142.0
119 63.8 32.5 97.4





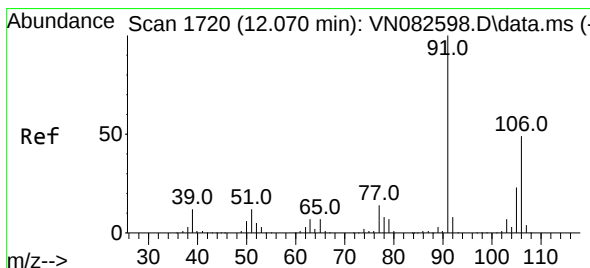
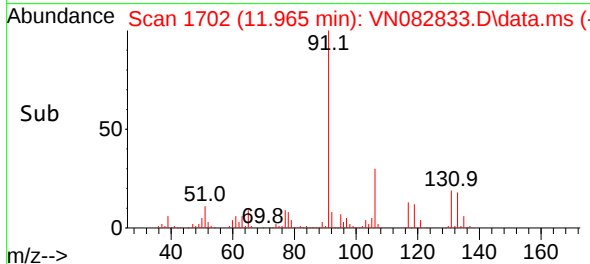
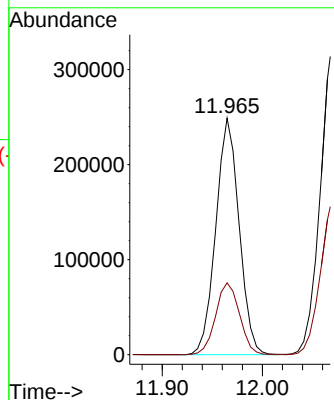
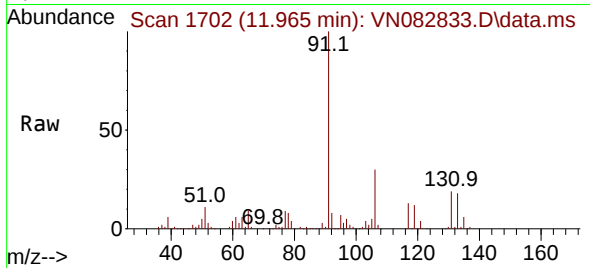
#67
Ethyl Benzene
Concen: 53.227 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 401524
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0

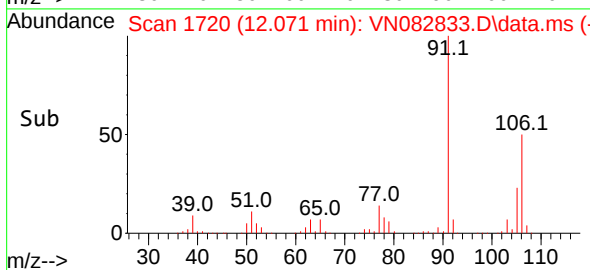
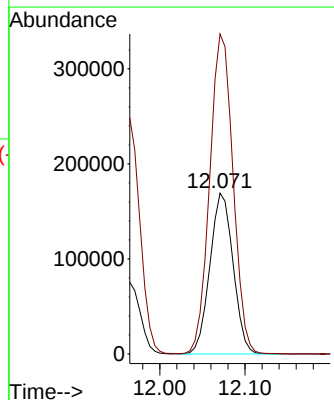
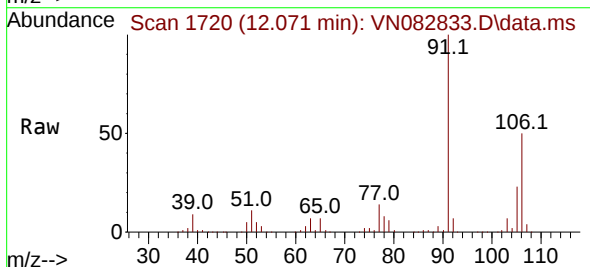
Manual Integrations
APPROVED

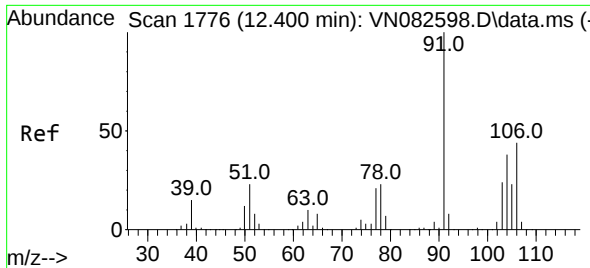
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#68
m/p-Xylenes
Concen: 112.336 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion:106 Resp: 319932
Ion Ratio Lower Upper
106 100
91 200.4 166.1 249.1





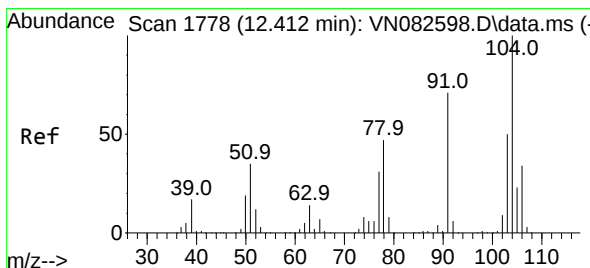
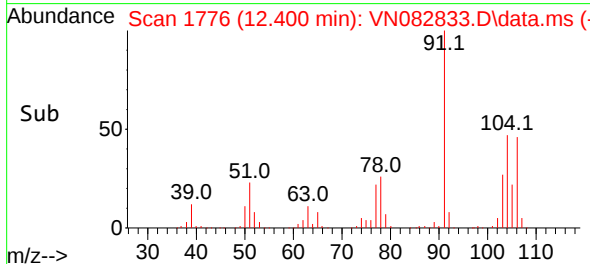
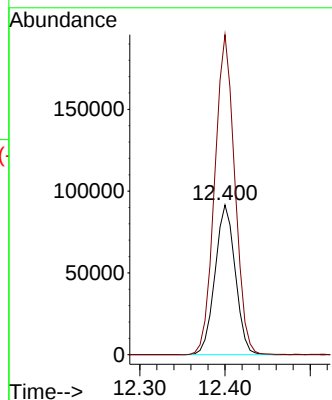
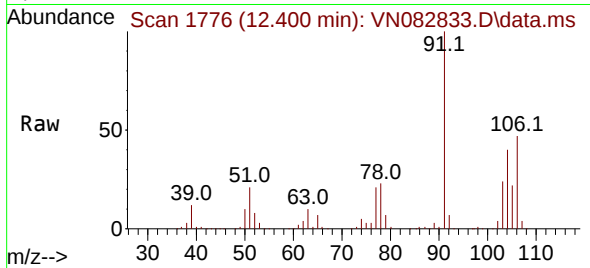
#69
o-Xylene
Concen: 55.415 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 15122
Ion Ratio Lower Upper
106 100
91 212.6 111.3 333.9

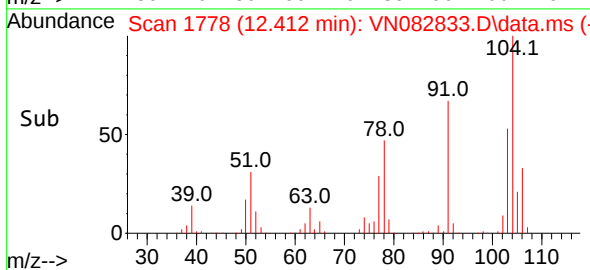
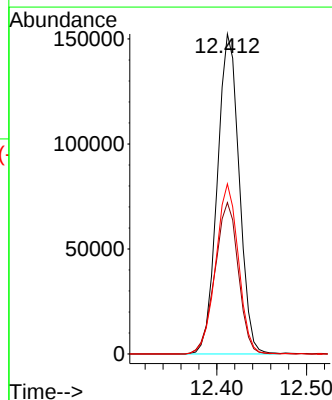
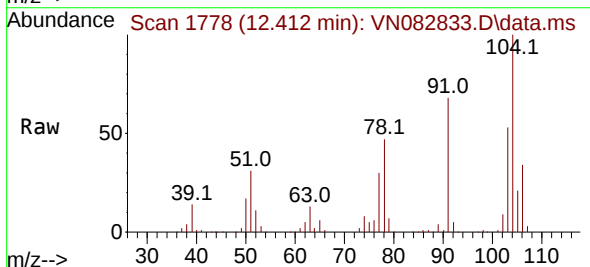
Manual Integrations
APPROVED

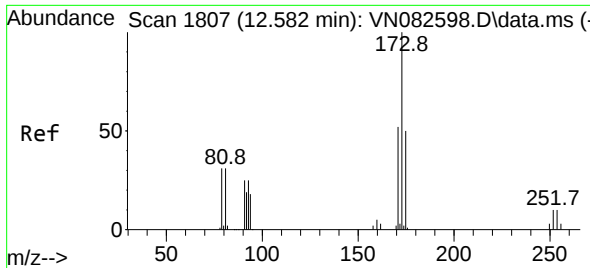
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#70
Styrene
Concen: 57.233 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

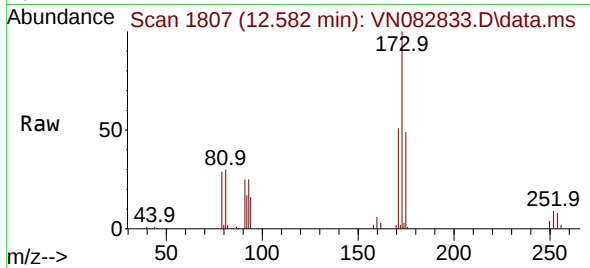
Tgt Ion:104 Resp: 258057
Ion Ratio Lower Upper
104 100
78 50.6 41.6 62.4
103 55.0 44.0 66.0





#71
Bromoform
Concen: 53.830 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

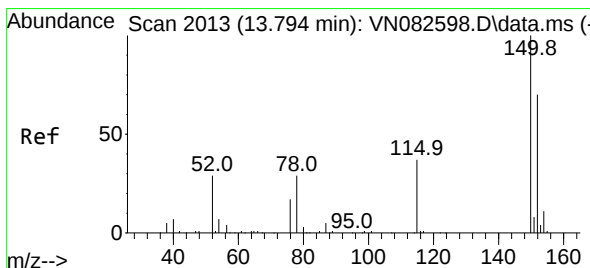
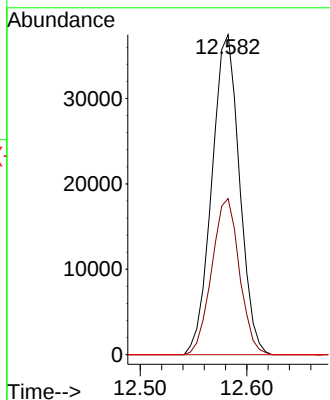
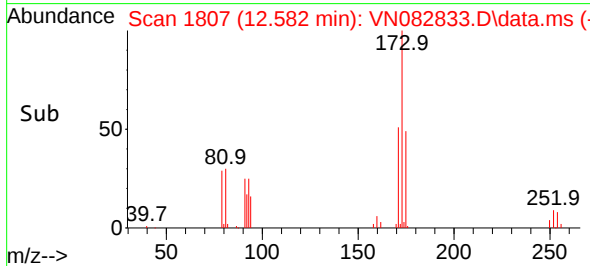
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



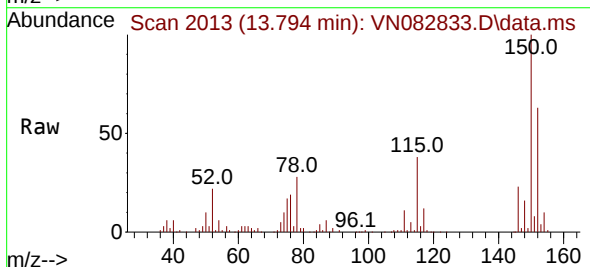
Tgt Ion:173 Resp: 67580
Ion Ratio Lower Upper
173 100
175 48.7 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
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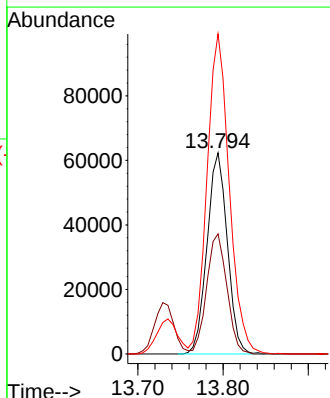
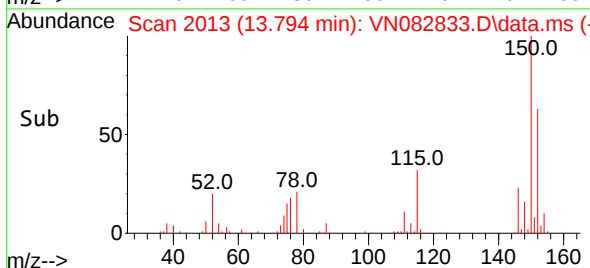
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

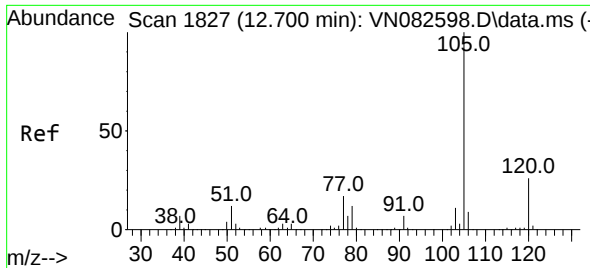


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29



Tgt Ion:152 Resp: 103124
Ion Ratio Lower Upper
152 100
115 59.7 30.6 91.6
150 174.2 0.0 348.6





#73
Isopropylbenzene
Concen: 51.081 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

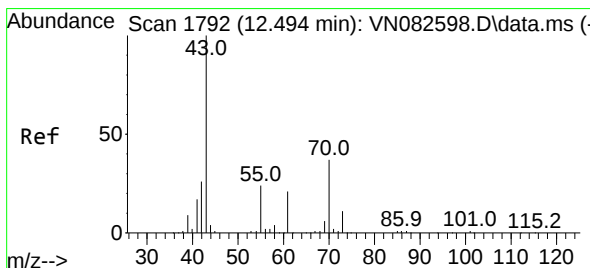
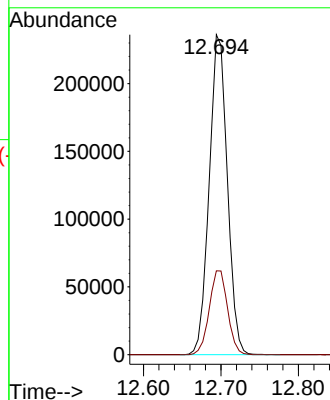
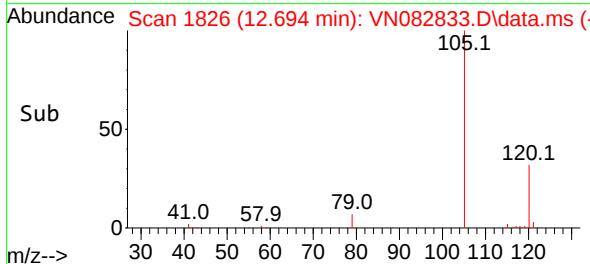
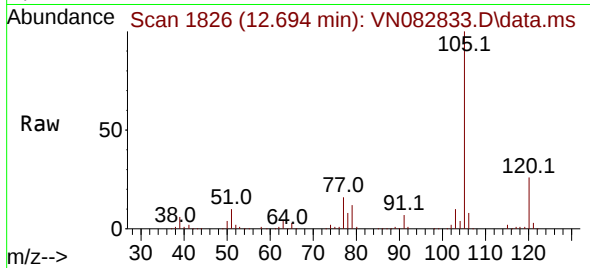
VSTDCCC050

Tgt Ion:105 Resp: 382774
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

Manual Integrations

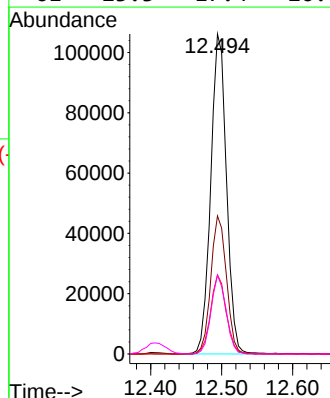
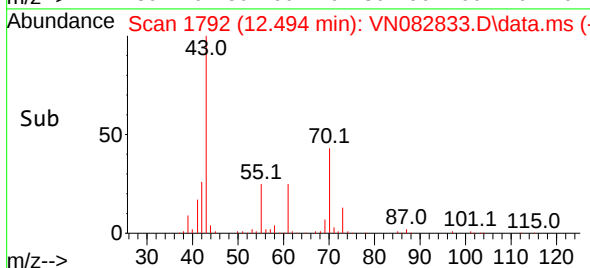
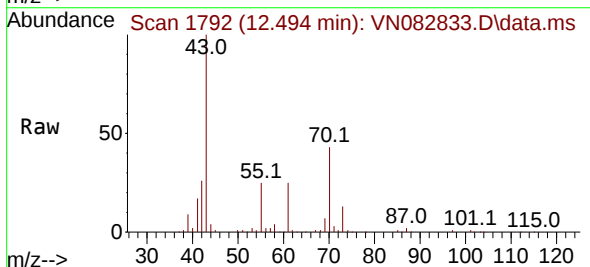
APPROVED

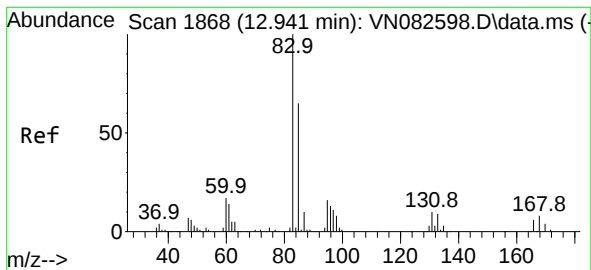
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#74
N-ethyl acetate
Concen: 52.801 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

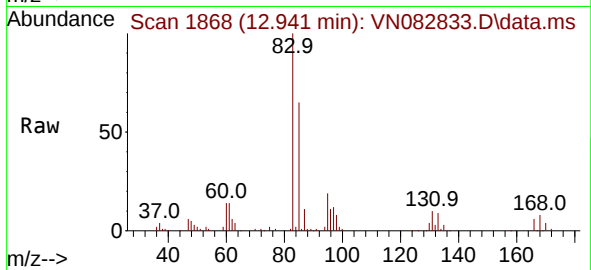
Tgt Ion: 43 Resp: 163661
Ion Ratio Lower Upper
43 100
70 42.7 29.8 44.6
55 24.4 18.7 28.1
61 23.3 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 49.249 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

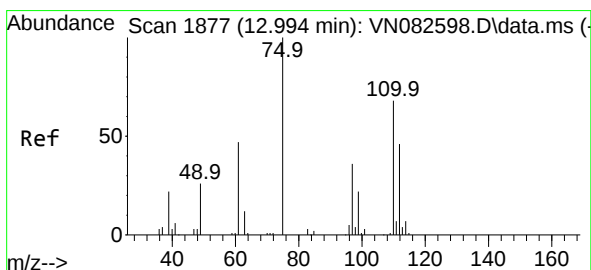
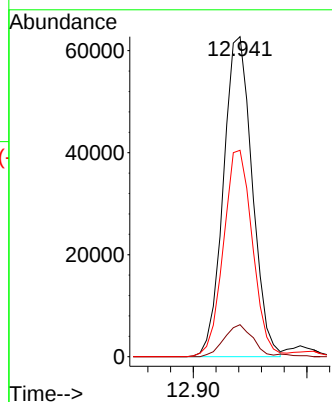
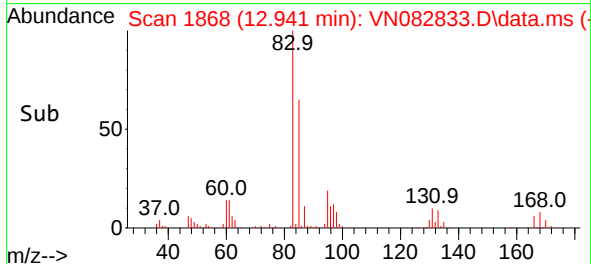
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 110529
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 65.1 31.9 95.7

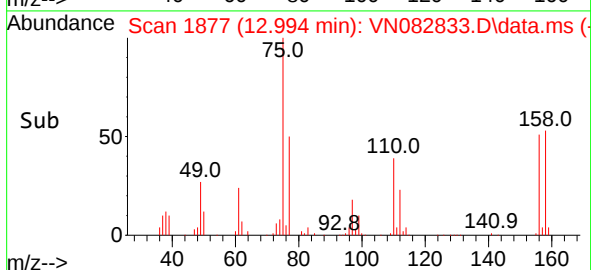
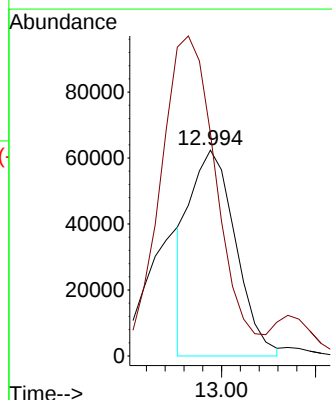
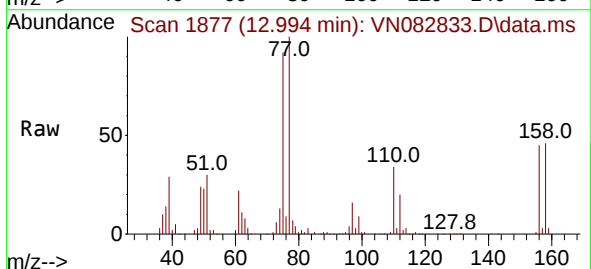
Manual Integrations
APPROVED

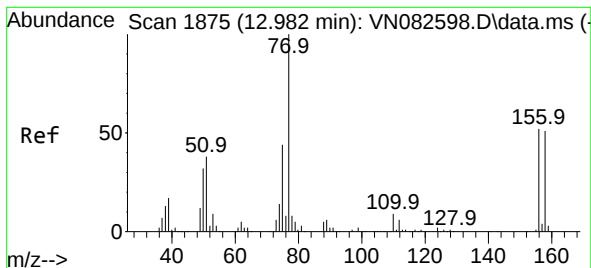
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#76
1,2,3-Trichloropropane
Concen: 59.364 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion: 75 Resp: 105545
Ion Ratio Lower Upper
75 100
77 192.2 110.9 332.6





#77

Bromobenzene

Concen: 49.617 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

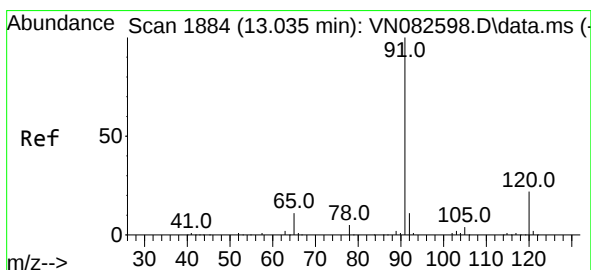
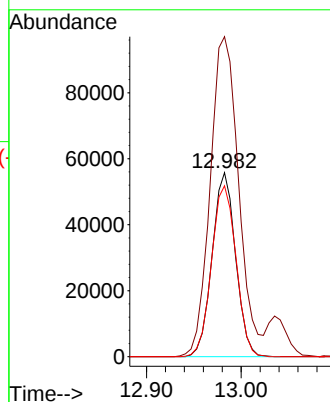
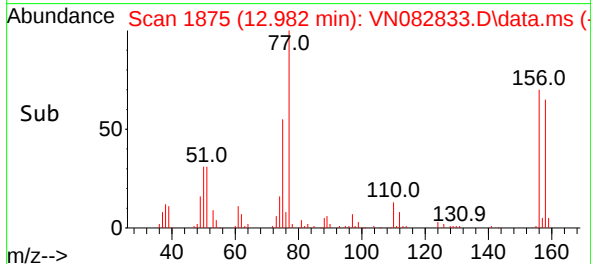
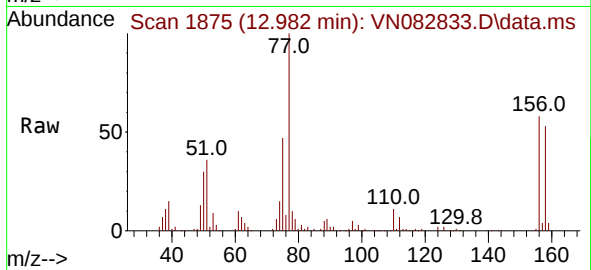
Tgt Ion:156 Resp: 95918
 Ion Ratio Lower Upper
 156 100
 77 211.5 111.3 333.8
 158 97.1 48.3 144.9

Manual Integrations

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Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#78

n-propylbenzene

Concen: 52.592 ug/l

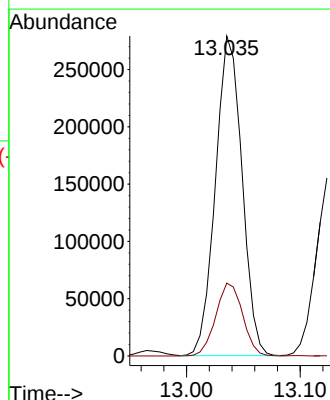
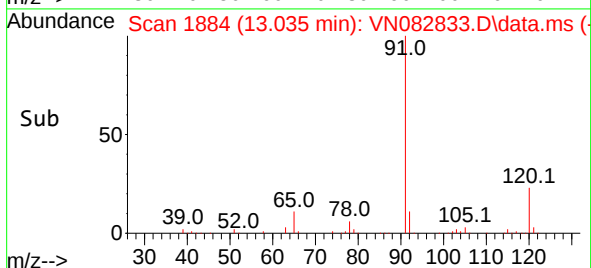
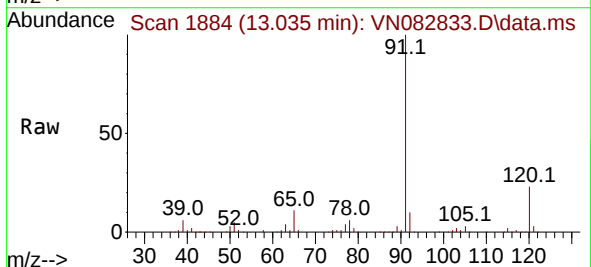
RT: 13.035 min Scan# 1884

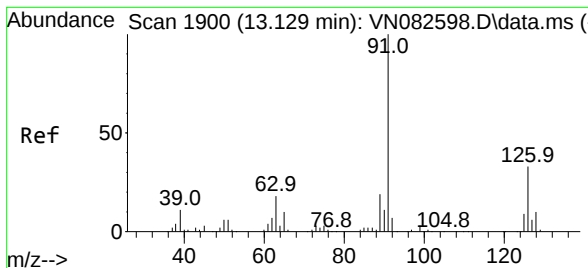
Delta R.T. 0.000 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Tgt Ion: 91 Resp: 453122
 Ion Ratio Lower Upper
 91 100
 120 23.1 10.9 32.9





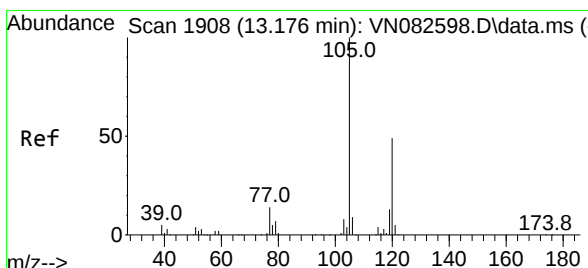
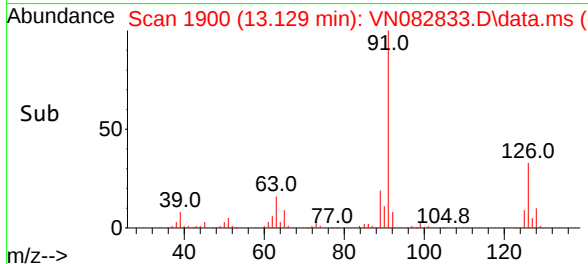
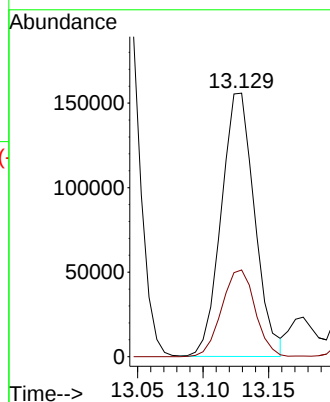
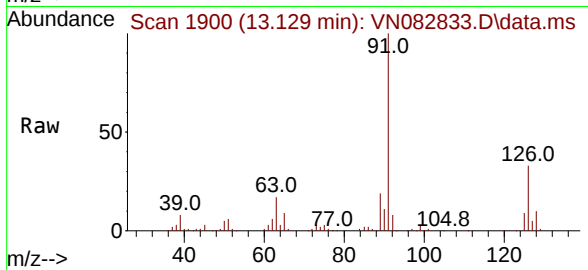
#79
2-Chlorotoluene
Concen: 50.290 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 276072
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

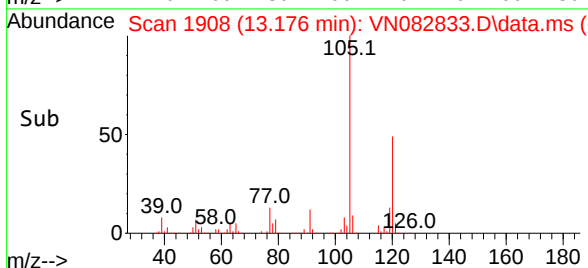
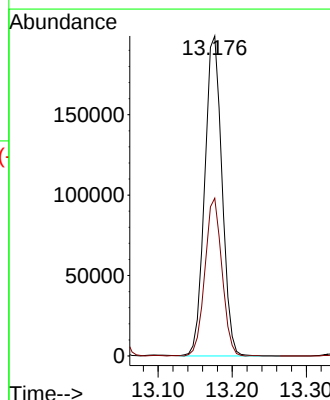
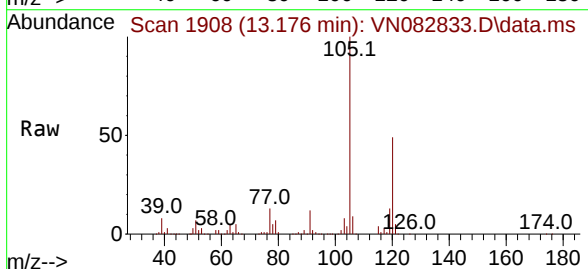
Manual Integrations
APPROVED

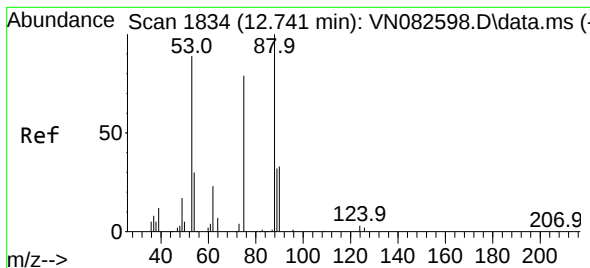
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.189 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

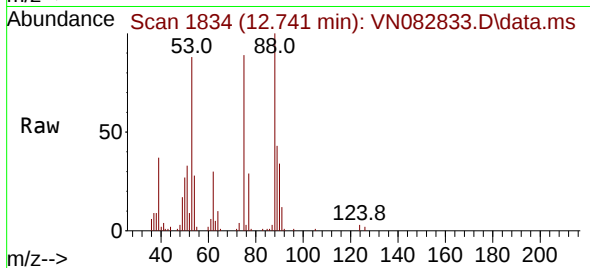
Tgt Ion:105 Resp: 322175
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 50.616 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

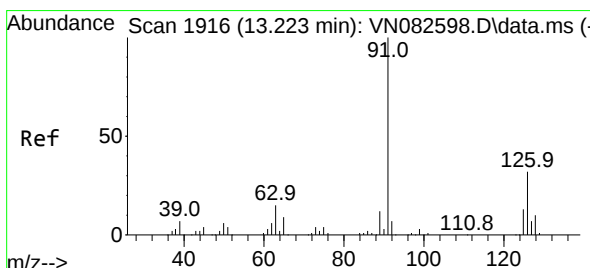
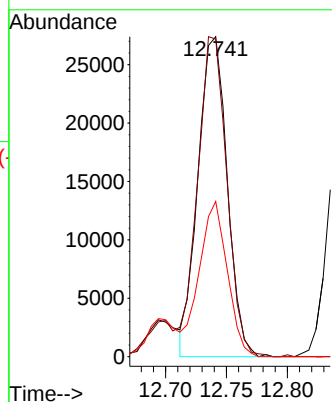
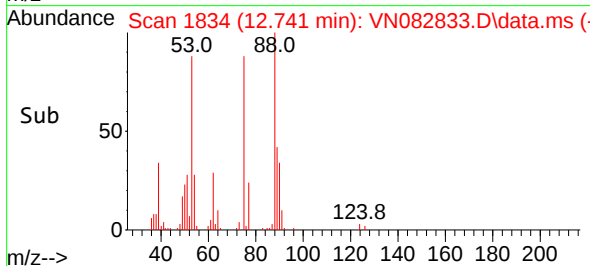
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4575
Ion Ratio Lower Upper
75 100
53 101.3 88.4 132.6
89 46.9 36.3 54.5

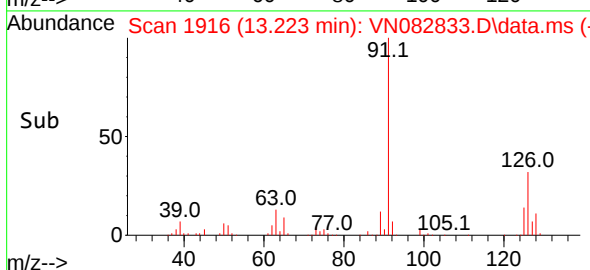
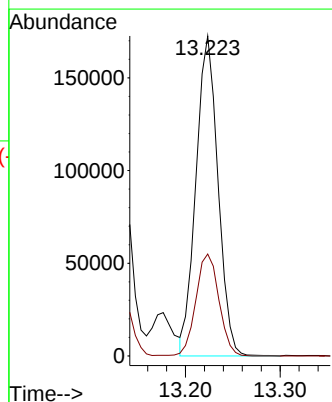
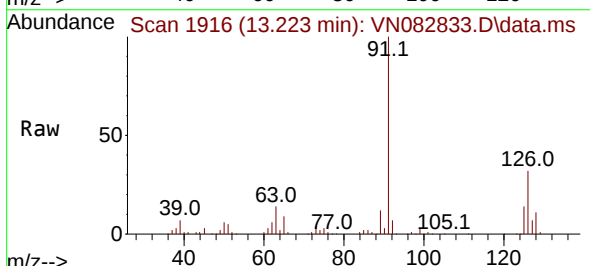
Manual Integrations
APPROVED

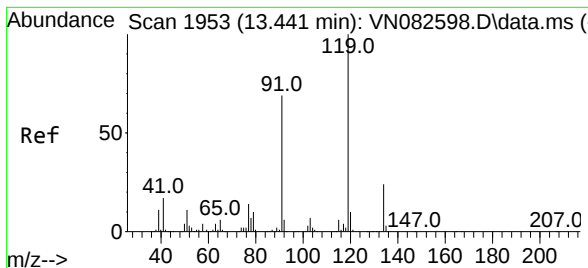
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#82
4-Chlorotoluene
Concen: 51.364 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

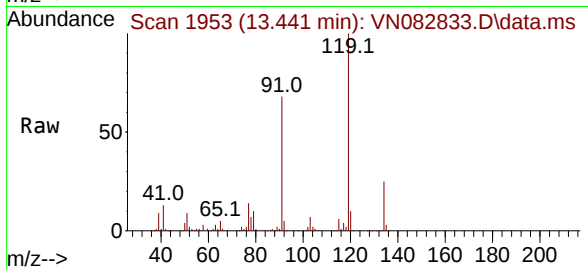
Tgt Ion: 91 Resp: 279093
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6





#83
tert-Butylbenzene
Concen: 50.535 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

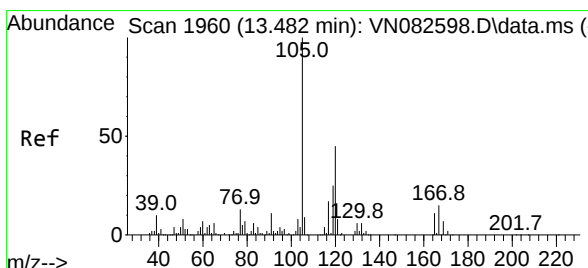
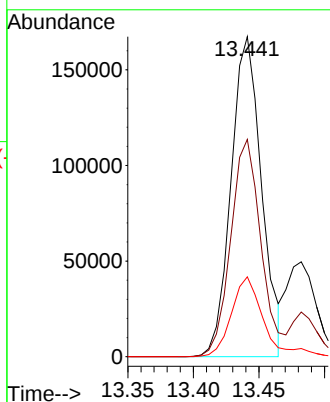
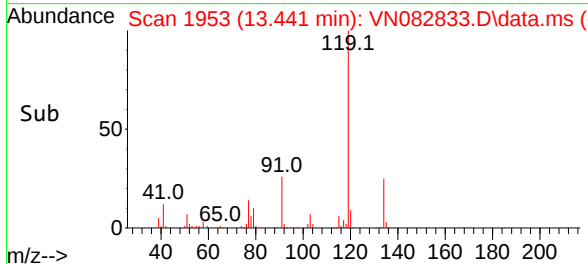
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



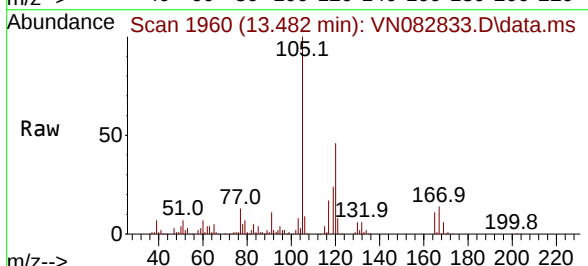
Tgt Ion:119 Resp: 271372
Ion Ratio Lower Upper
119 100
91 67.9 35.0 105.1
134 26.3 13.3 39.8

Manual Integrations
APPROVED

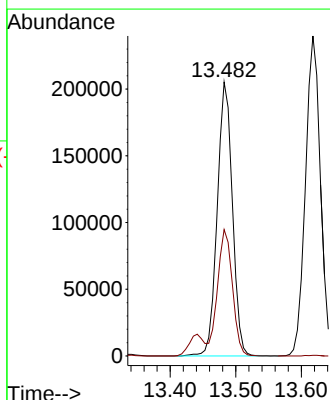
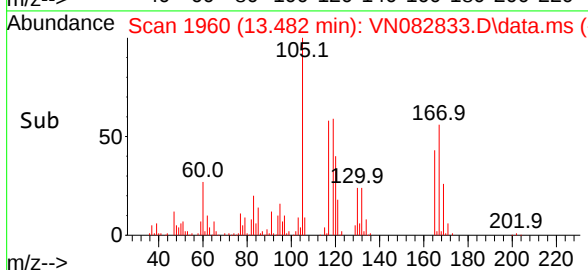
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

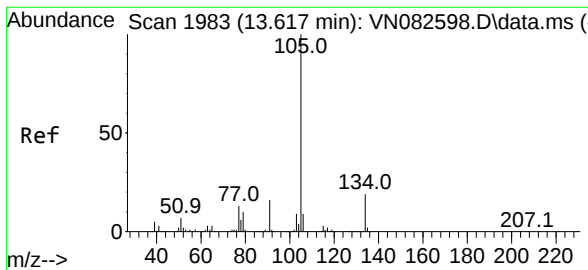


#84
1,2,4-Trimethylbenzene
Concen: 53.152 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29



Tgt Ion:105 Resp: 328142
Ion Ratio Lower Upper
105 100
120 45.8 21.9 65.8





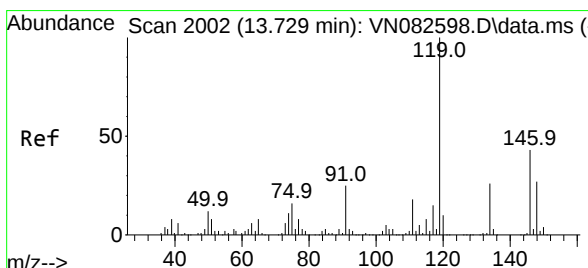
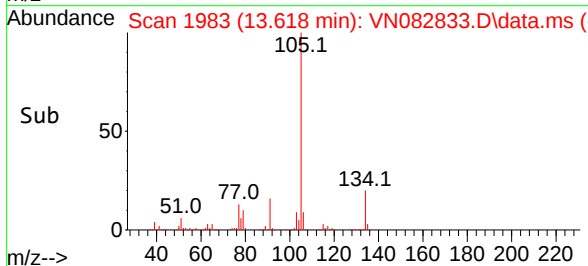
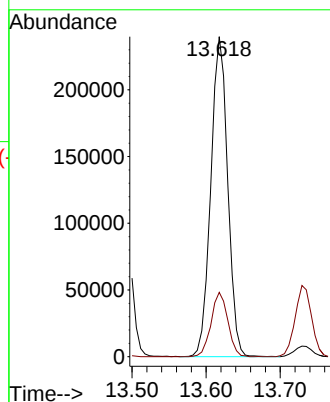
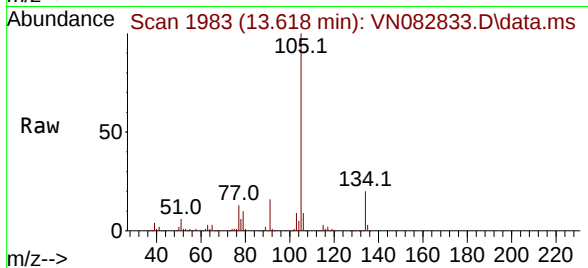
#85
 sec-Butylbenzene
 Concen: 52.369 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VN082833.D
 Acq: 09 Jul 2024 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 380019
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

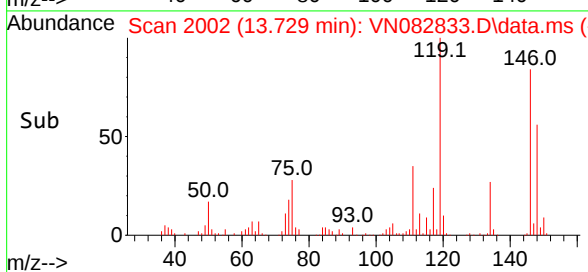
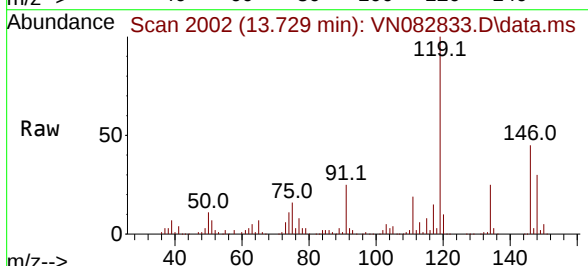
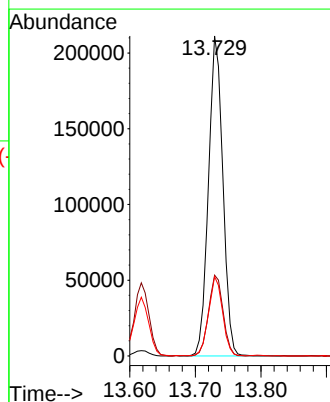
Manual Integrations
 APPROVED

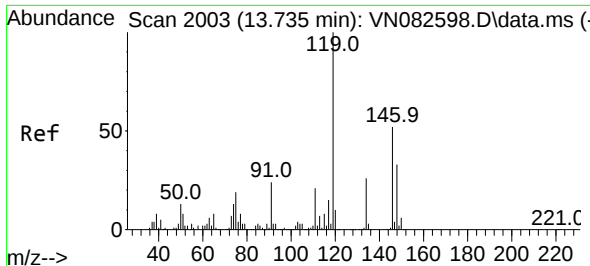
Reviewed By :John Carlone 07/10/2024
 Supervised By :Mahesh Dadoda 07/10/2024



#86
 p-Isopropyltoluene
 Concen: 53.307 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082833.D
 Acq: 09 Jul 2024 10:29

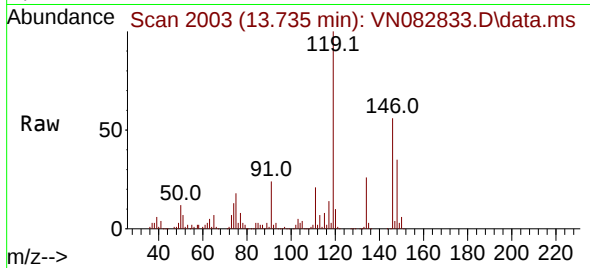
Tgt Ion:119 Resp: 322740
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.0 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 50.506 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN082833.D
 Acq: 09 Jul 2024 10:29

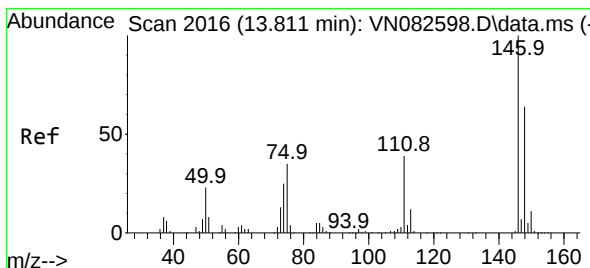
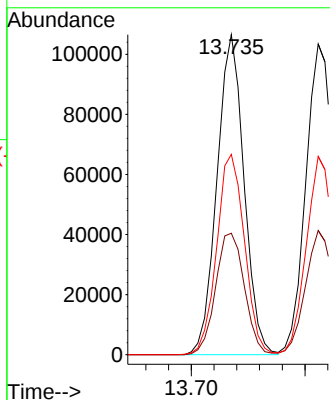
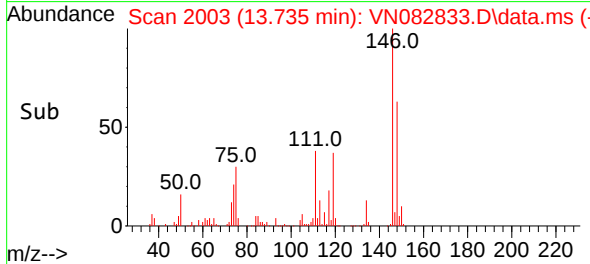
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



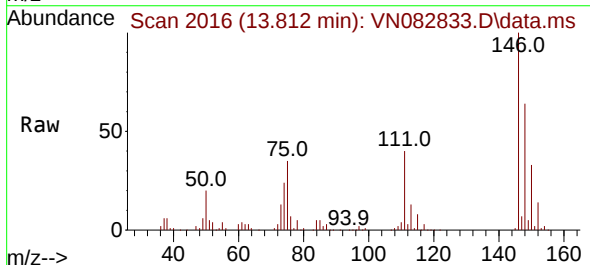
Tgt Ion:146 Resp: 176378
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.9
 148 64.3 31.8 95.3

Manual Integrations
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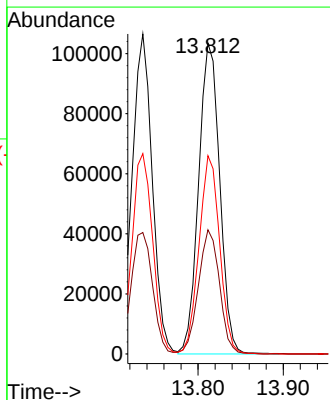
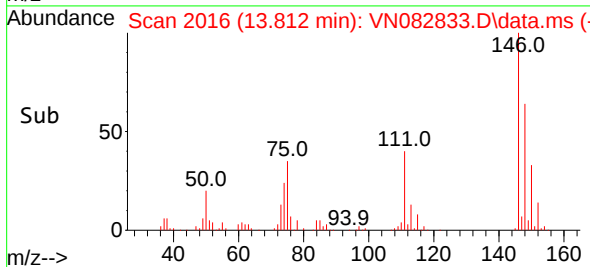
Reviewed By :John Carlone 07/10/2024
 Supervised By :Mahesh Dadoda 07/10/2024

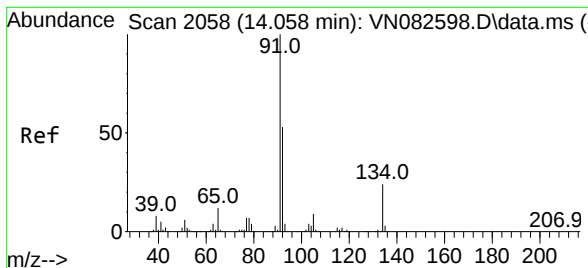


#88
 1,4-Dichlorobenzene
 Concen: 49.383 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: VN082833.D
 Acq: 09 Jul 2024 10:29



Tgt Ion:146 Resp: 178353
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.3
 148 62.4 32.2 96.6





#89

n-Butylbenzene

Concen: 51.721 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

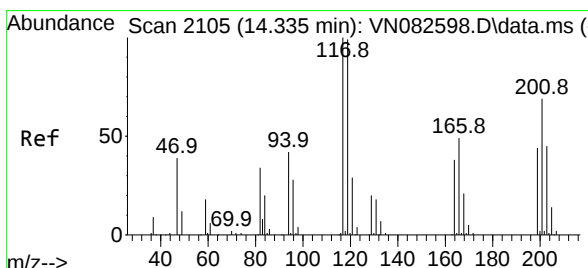
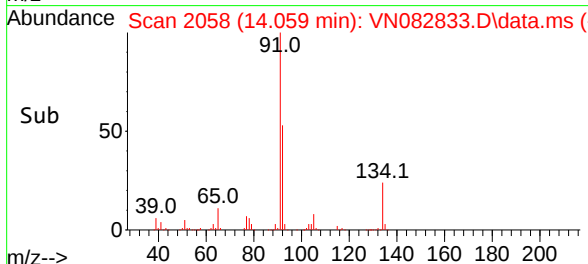
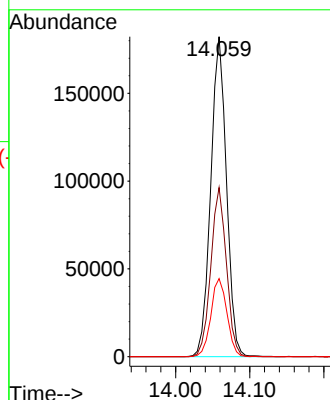
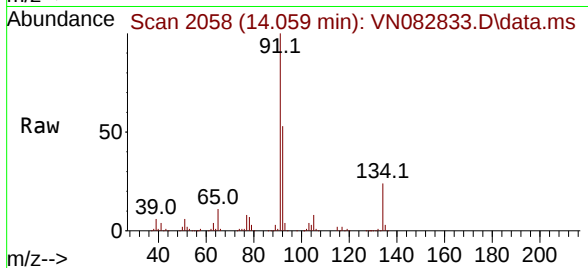
Tgt Ion: 91	Resp: 268274
Ion Ratio	Lower Upper
91	100
92	52.5 26.1 78.3
134	25.0 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2024

Supervised By :Mahesh Dadoda 07/10/2024



#90

Hexachloroethane

Concen: 49.480 ug/l

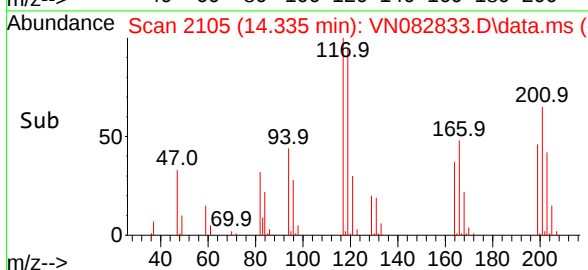
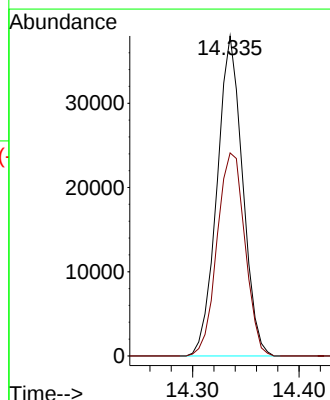
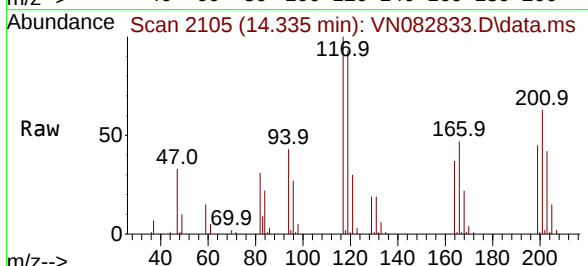
RT: 14.335 min Scan# 2105

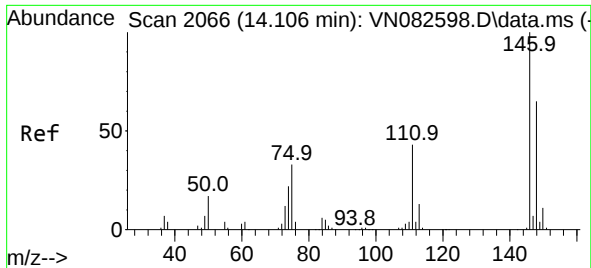
Delta R.T. 0.000 min

Lab File: VN082833.D

Acq: 09 Jul 2024 10:29

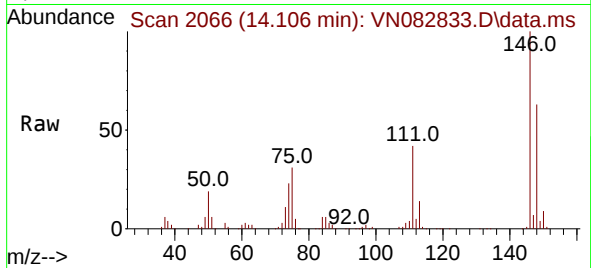
Tgt Ion: 117	Resp: 63388
Ion Ratio	Lower Upper
117	100
201	69.0 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 49.527 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

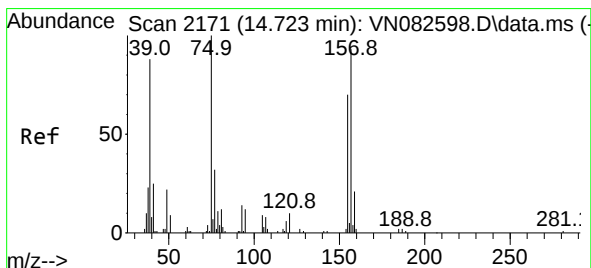
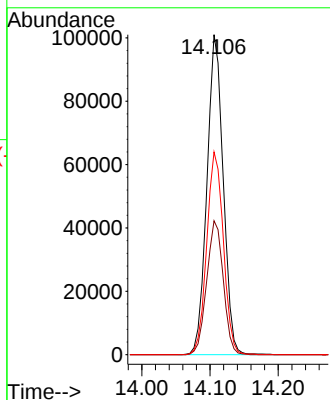
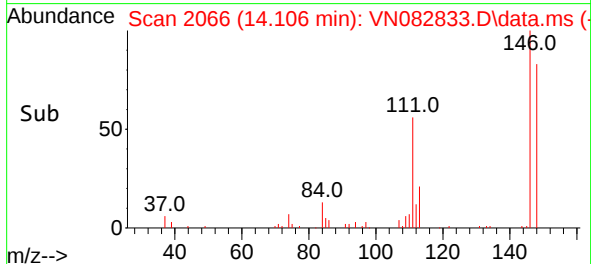
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



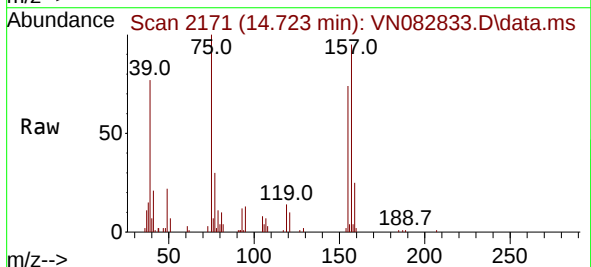
Tgt Ion:146 Resp: 16793
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.2
148 64.8 32.1 96.5

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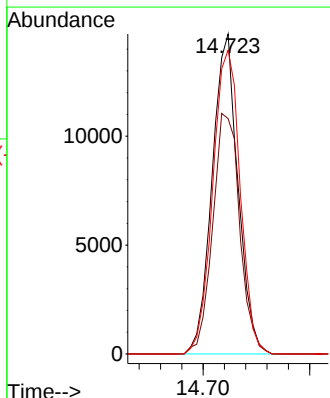
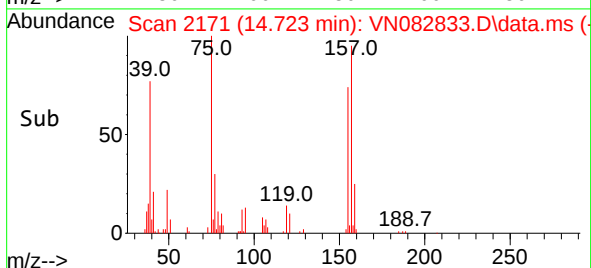
Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024

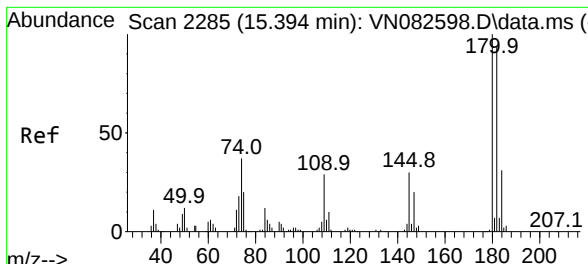


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.560 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29



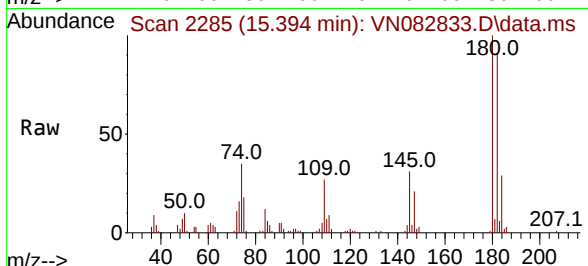
Tgt Ion: 75 Resp: 24693
Ion Ratio Lower Upper
75 100
155 78.8 36.6 109.8
157 100.6 46.9 140.6





#93
 1,2,4-Trichlorobenzene
 Concen: 49.169 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN082833.D
 Acq: 09 Jul 2024 10:29

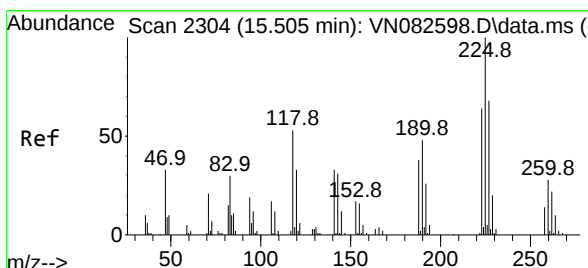
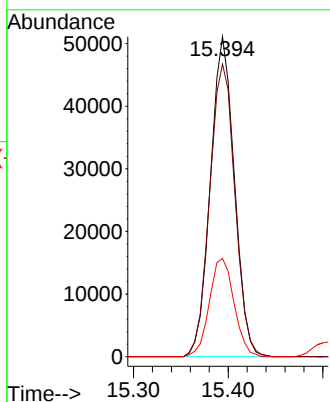
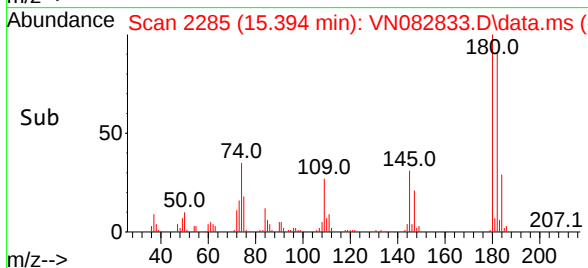
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:180 Resp: 89804
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 141.8
 145 31.6 15.7 47.1

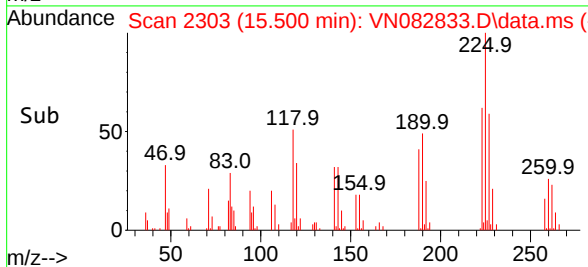
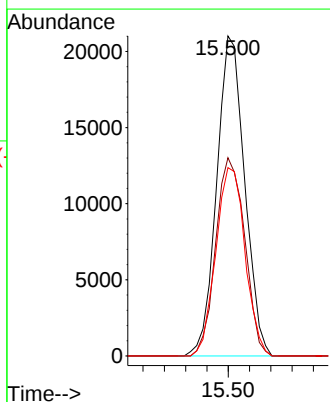
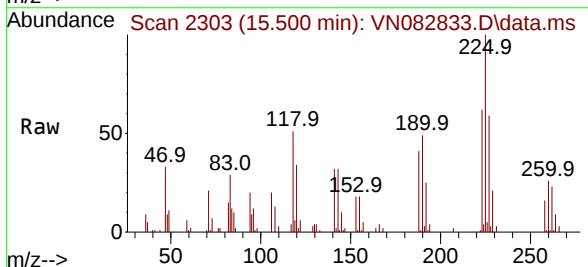
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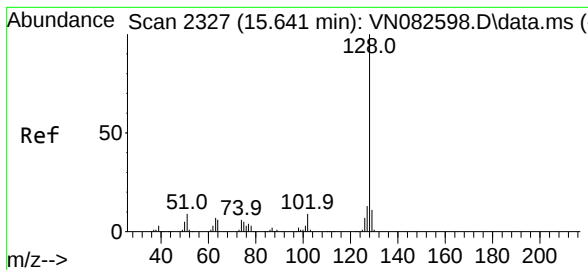
Reviewed By :John Carlone 07/10/2024
 Supervised By :Mahesh Dadoda 07/10/2024



#94
 Hexachlorobutadiene
 Concen: 47.247 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.005 min
 Lab File: VN082833.D
 Acq: 09 Jul 2024 10:29

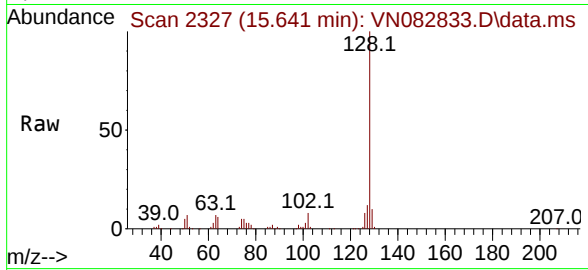
Tgt Ion:225 Resp: 38255
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.9 95.7
 227 61.5 32.5 97.5





#95
Naphthalene
Concen: 48.014 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

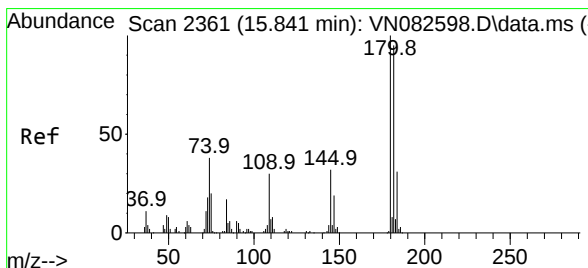
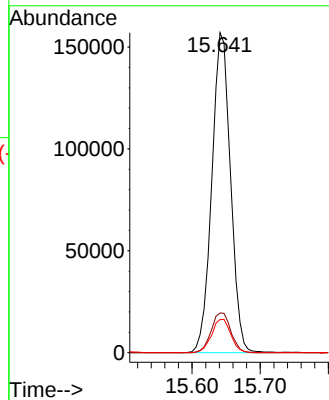
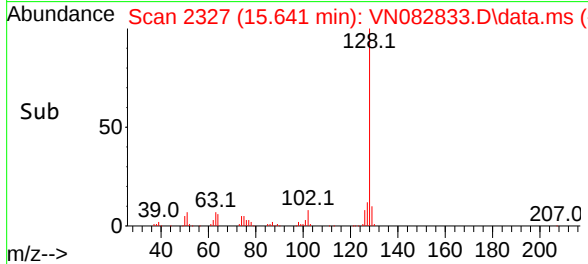
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 300350
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2024
Supervised By :Mahesh Dadoda 07/10/2024



#96
1,2,3-Trichlorobenzene
Concen: 48.362 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082833.D
Acq: 09 Jul 2024 10:29

Tgt Ion:180 Resp: 90821
Ion Ratio Lower Upper
180 100
182 92.9 48.9 146.8
145 34.5 16.8 50.4

