

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071224\
 Data File : VN082889.D
 Acq On : 12 Jul 2024 10:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2024
 Supervised By : Mahesh Dadoda 07/15/2024

Quant Time: Jul 15 01:06:40 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	130975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	217632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	185104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97681	53.203	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.400%	
35) Dibromofluoromethane	8.165	113	75781	54.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.540%	
50) Toluene-d8	10.565	98	269173	52.187	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.847	95	90837	49.028	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 98.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	88921	52.440	ug/l	93
3) Chloromethane	2.359	50	77064	47.923	ug/l	98
4) Vinyl Chloride	2.512	62	82270	48.712	ug/l	96
5) Bromomethane	2.947	94	49980	41.045	ug/l	94
6) Chloroethane	3.118	64	57877	50.078	ug/l	95
7) Trichlorofluoromethane	3.495	101	118090	48.615	ug/l	98
8) Diethyl Ether	3.959	74	43259	52.035	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	74258	54.013	ug/l	99
10) Methyl Iodide	4.589	142	64311	45.626	ug/l	95
11) Tert butyl alcohol	5.530	59	64498	208.863	ug/l	100
12) 1,1-Dichloroethene	4.342	96	68128	50.954	ug/l	94
13) Acrolein	4.177	56	58714	263.352	ug/l	99
14) Allyl chloride	5.024	41	104620	50.185	ug/l #	96
15) Acrylonitrile	5.718	53	179710	253.226	ug/l	100
16) Acetone	4.424	43	149534	231.330	ug/l	98
17) Carbon Disulfide	4.712	76	191121	47.836	ug/l	98
18) Methyl Acetate	5.024	43	87846	51.358	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	240365	52.116	ug/l	99
20) Methylene Chloride	5.271	84	78616	50.360	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	73454	50.702	ug/l	91
22) Diisopropyl ether	6.671	45	250431	57.420	ug/l	94
23) Vinyl Acetate	6.606	43	980070	282.968	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	146633	55.427	ug/l	99
25) 2-Butanone	7.482	43	239324	245.198	ug/l	91
26) 2,2-Dichloropropane	7.488	77	128972	52.433	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	91022	53.666	ug/l	91
28) Bromochloromethane	7.812	49	58976	51.965	ug/l	85
29) Tetrahydrofuran	7.835	42	158796	258.427	ug/l #	87
30) Chloroform	7.965	83	153522	54.701	ug/l	98
31) Cyclohexane	8.259	56	116552	48.556	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	138408	53.116	ug/l	97
36) 1,1-Dichloropropene	8.371	75	107083	55.616	ug/l	99
37) Ethyl Acetate	7.559	43	102148	52.110	ug/l	96
38) Carbon Tetrachloride	8.365	117	121617	52.461	ug/l	94
39) Methylcyclohexane	9.600	83	109427	52.615	ug/l	95
40) Benzene	8.606	78	326369	55.106	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	7.777	41	56509	53.510	ug/l	95
42) 1,2-Dichloroethane	8.671	62	118322	55.495	ug/l	98
43) Isopropyl Acetate	8.688	43	181026	48.912	ug/l #	93
44) Trichloroethene	9.353	130	79308	52.268	ug/l	98
45) 1,2-Dichloropropane	9.624	63	80786	58.426	ug/l	97
46) Dibromomethane	9.706	93	59204	54.961	ug/l	99
47) Bromodichloromethane	9.888	83	124433	55.907	ug/l	99
48) Methyl methacrylate	9.682	41	85348	55.528	ug/l	93
49) 1,4-Dioxane	9.694	88	31693	946.733	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	519683	267.419	ug/l	94
52) Toluene	10.629	92	194537	52.582	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	115700	50.460	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	133650	55.068	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	71344	52.442	ug/l	99
56) Ethyl methacrylate	10.876	69	113510	53.629	ug/l	85
57) 1,3-Dichloropropane	11.165	76	123663	51.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	315155	290.180	ug/l	97
59) 2-Hexanone	11.194	43	352531	243.994	ug/l	92
60) Dibromochloromethane	11.359	129	86123	49.703	ug/l	99
61) 1,2-Dibromoethane	11.470	107	72447	50.146	ug/l	98
64) Tetrachloroethene	11.106	164	68912	49.900	ug/l	97
65) Chlorobenzene	11.894	112	208920	52.671	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	73298	51.952	ug/l	99
67) Ethyl Benzene	11.965	91	362523	54.380	ug/l	96
68) m/p-Xylenes	12.070	106	288003	114.430	ug/l	95
69) o-Xylene	12.400	106	137064	56.835	ug/l	93
70) Styrene	12.412	104	237019	59.483	ug/l	98
71) Bromoform	12.582	173	59892	53.978	ug/l #	99
73) Isopropylbenzene	12.694	105	345161	48.480	ug/l	99
74) N-amyl acetate	12.494	43	142609	48.425	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	100903	47.322	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	90905m	53.815	ug/l	
77) Bromobenzene	12.982	156	86882	47.303	ug/l	92
78) n-propylbenzene	13.035	91	409437	50.017	ug/l	98
79) 2-Chlorotoluene	13.123	91	248589	47.662	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	290672	50.508	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	39497	45.985	ug/l	96
82) 4-Chlorotoluene	13.223	91	255987	49.586	ug/l	97
83) tert-Butylbenzene	13.441	119	250439	49.086	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	306455	52.246	ug/l	97
85) sec-Butylbenzene	13.617	105	358478	51.994	ug/l	100
86) p-Isopropyltoluene	13.729	119	303321	52.730	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	169809	51.178	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	171186	49.888	ug/l	99
89) n-Butylbenzene	14.059	91	257048	52.159	ug/l	99
90) Hexachloroethane	14.335	117	59655	49.012	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	162350	50.395	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22387	45.383	ug/l	94
93) 1,2,4-Trichlorobenzene	15.394	180	83085	47.879	ug/l	97
94) Hexachlorobutadiene	15.506	225	35870	46.628	ug/l	98
95) Naphthalene	15.641	128	280529	47.199	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	84959	47.617	ug/l	100

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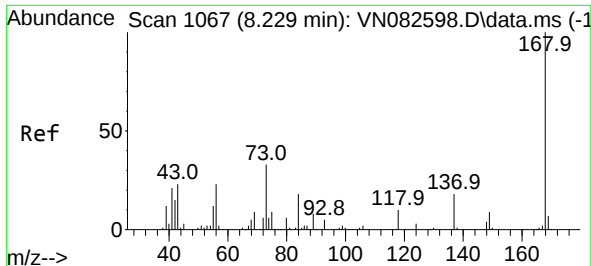
Manual Integrations
APPROVED

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QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

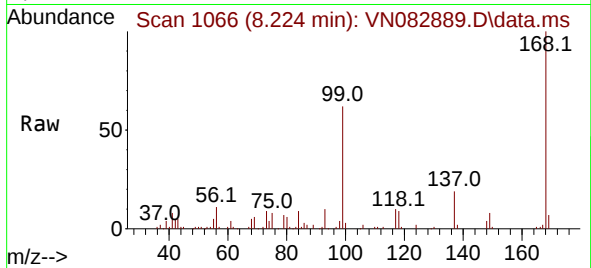
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
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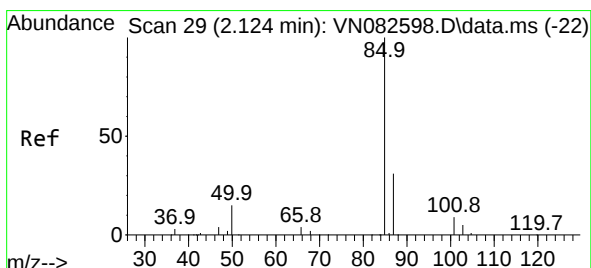
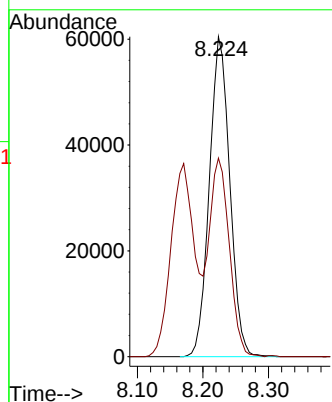
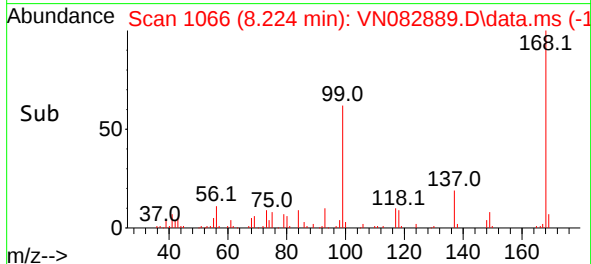
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 130975
Ion Ratio Lower Upper
168 100
99 62.0 48.2 72.4

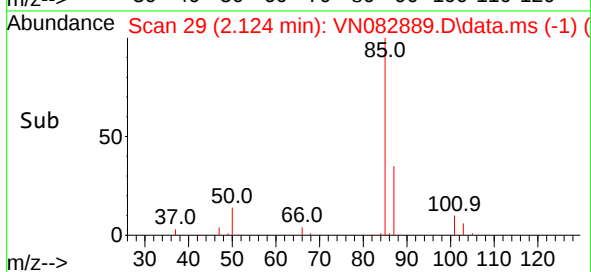
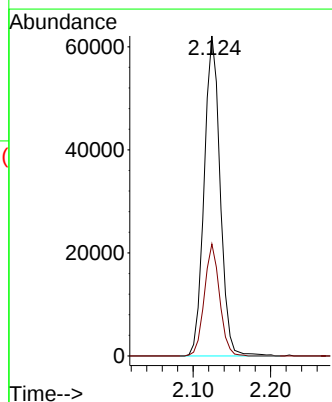
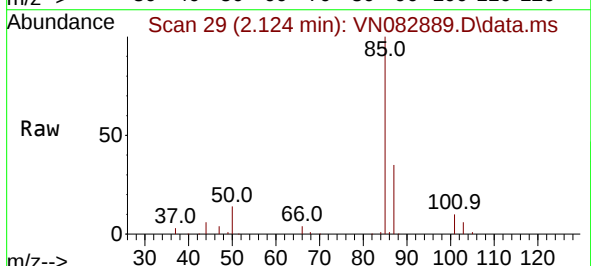
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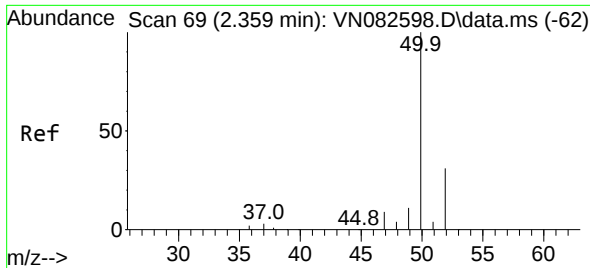
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#2
Dichlorodifluoromethane
Concen: 52.440 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Tgt Ion: 85 Resp: 88921
Ion Ratio Lower Upper
85 100
87 35.0 15.7 47.0





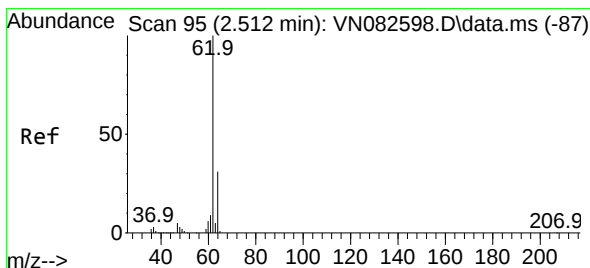
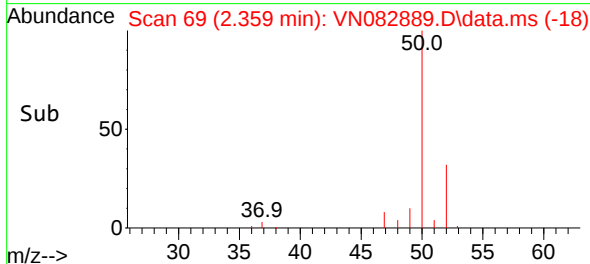
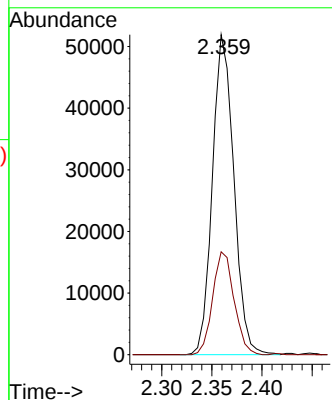
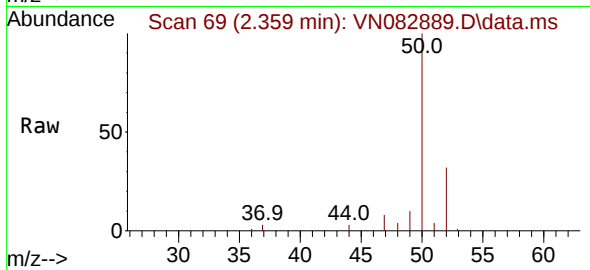
#3
Chloromethane
Concen: 47.923 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

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Tgt Ion: 50 Resp: 77064
Ion Ratio Lower Upper
50 100
52 32.2 25.0 37.4

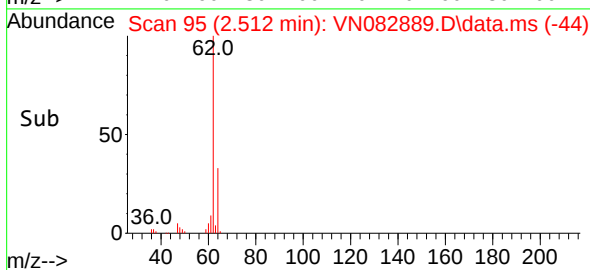
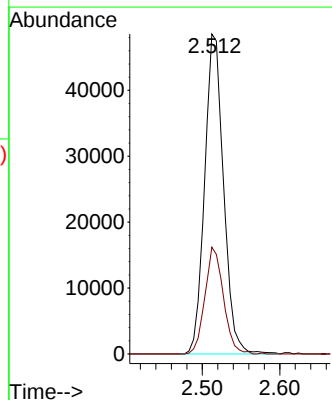
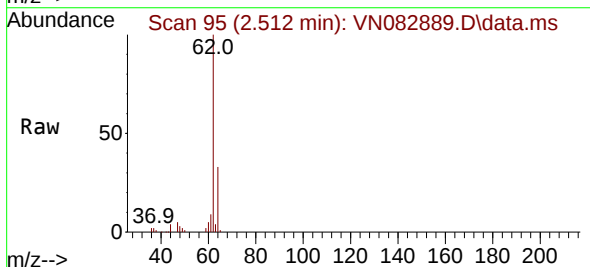
Manual Integrations
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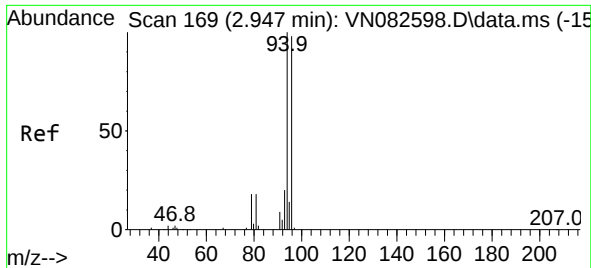
Reviewed By :John Carlone 07/15/2024
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#4
Vinyl Chloride
Concen: 48.712 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

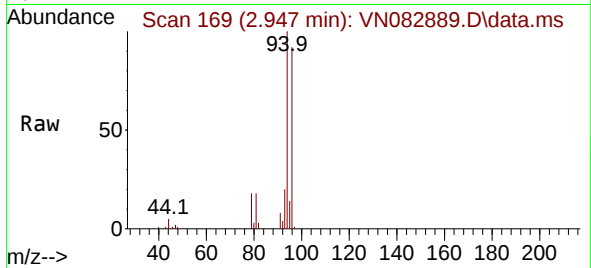
Tgt Ion: 62 Resp: 82270
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.6





#5
Bromomethane
Concen: 41.045 ug/l
RT: 2.947 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN082889.D
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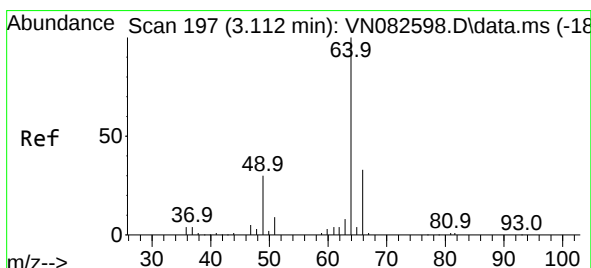
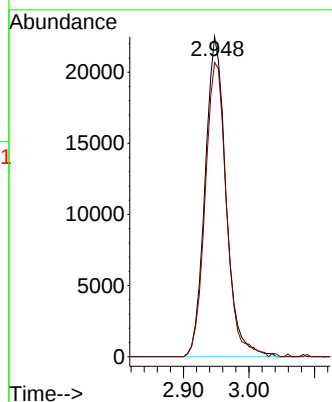
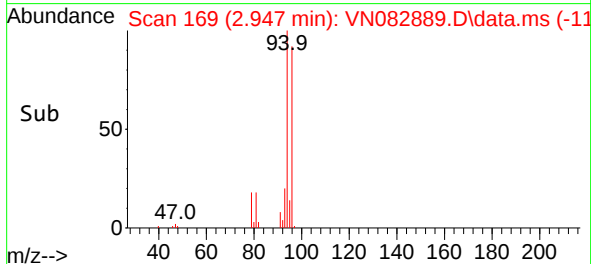
Instrument :
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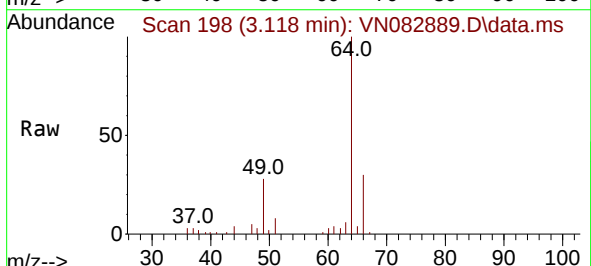
Tgt Ion: 94 Resp: 49980
Ion Ratio Lower Upper
94 100
96 91.9 78.0 117.0

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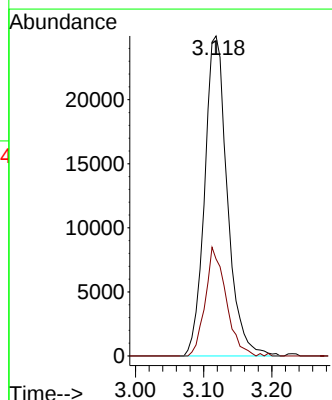
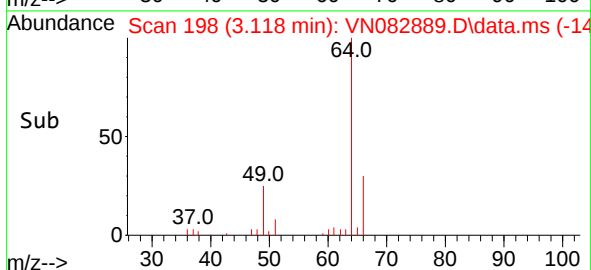
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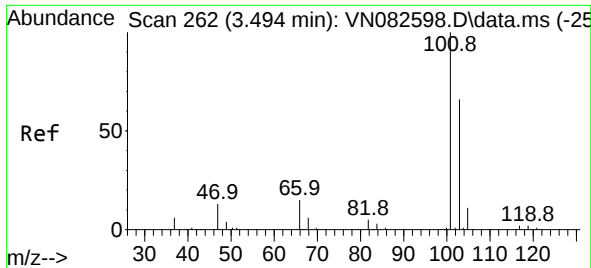


#6
Chloroethane
Concen: 50.078 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN082889.D
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Tgt Ion: 64 Resp: 57877
Ion Ratio Lower Upper
64 100
66 30.3 26.6 40.0





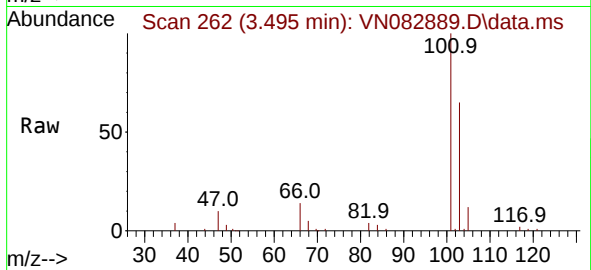
#7
 Trichlorofluoromethane
 Concen: 48.615 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. 0.001 min
 Lab File: VN082889.D
 Acq: 12 Jul 2024 10:43

Instrument :

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VSTDCCC050



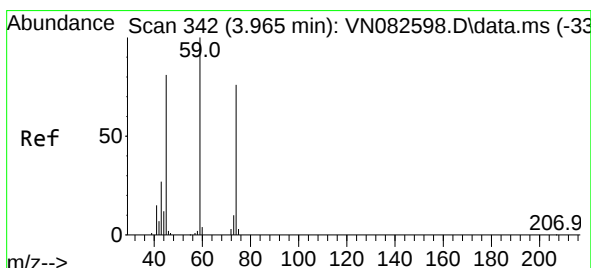
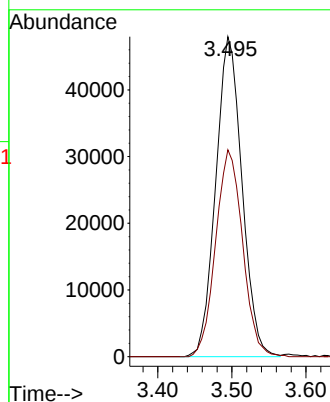
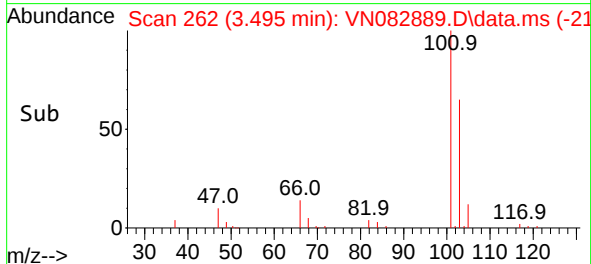
Tgt Ion:101 Resp: 118090
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.7 79.1

Manual Integrations

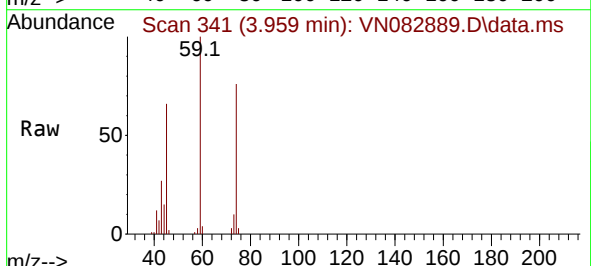
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Reviewed By :John Carlone 07/15/2024

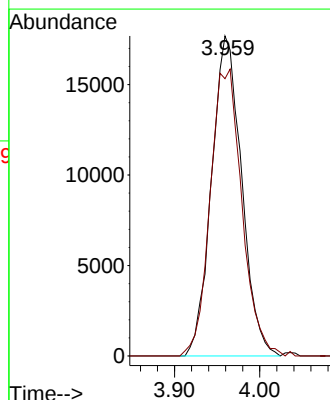
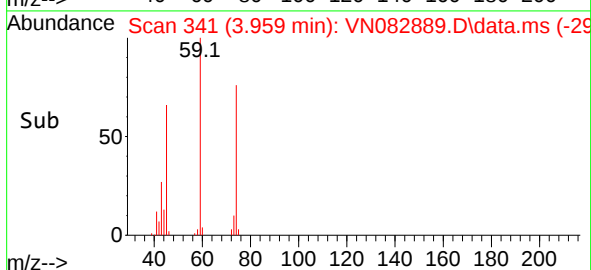
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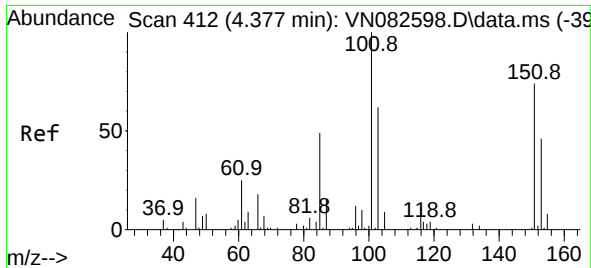


#8
 Diethyl Ether
 Concen: 52.035 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN082889.D
 Acq: 12 Jul 2024 10:43



Tgt Ion: 74 Resp: 43259
 Ion Ratio Lower Upper
 74 100
 45 94.7 55.5 166.3





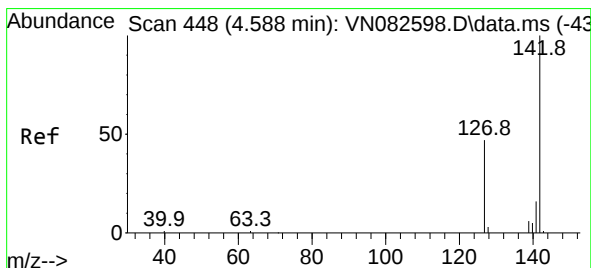
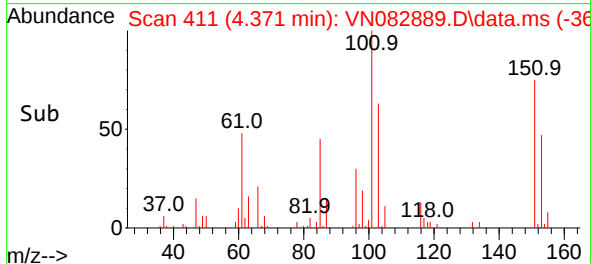
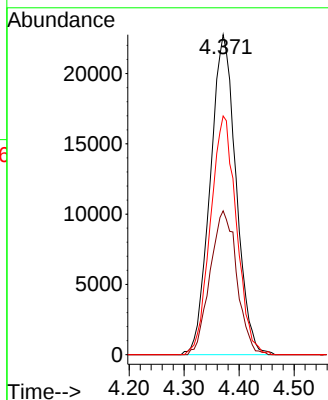
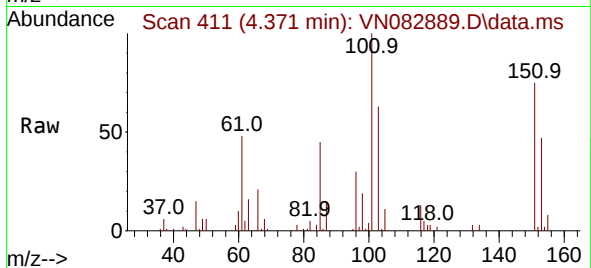
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.013 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 74258
Ion Ratio Lower Upper
101 100
85 46.6 38.3 57.5
151 75.1 59.3 88.9

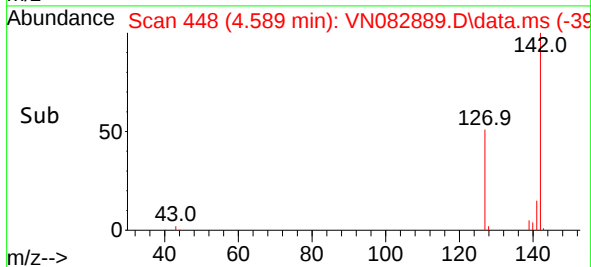
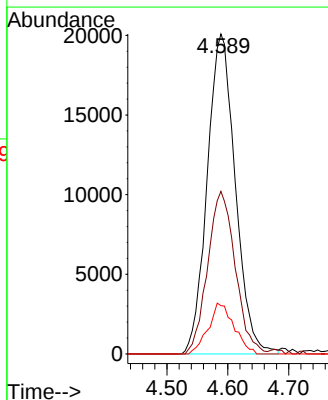
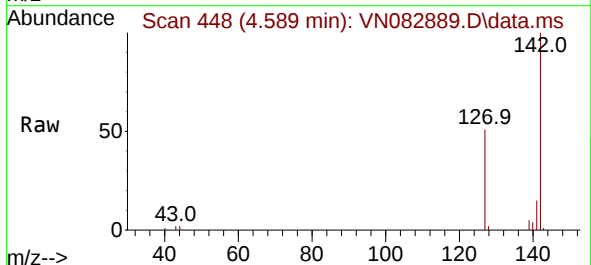
Manual Integrations
APPROVED

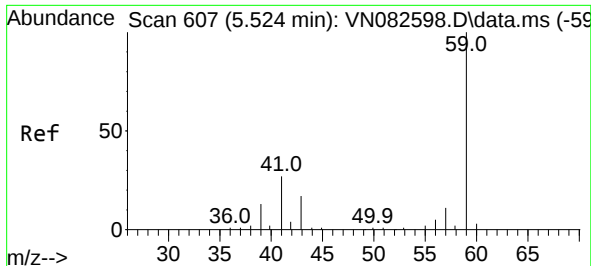
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#10
Methyl Iodide
Concen: 45.626 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.001 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Tgt Ion:142 Resp: 64311
Ion Ratio Lower Upper
142 100
127 50.8 37.5 56.3
141 15.1 13.1 19.7





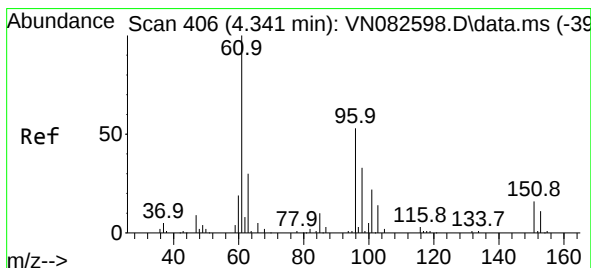
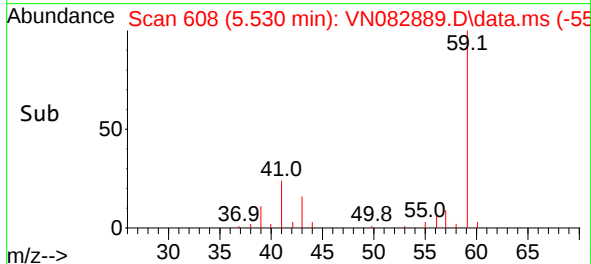
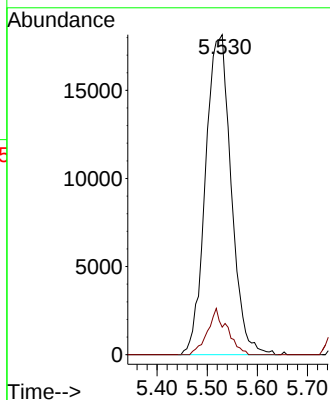
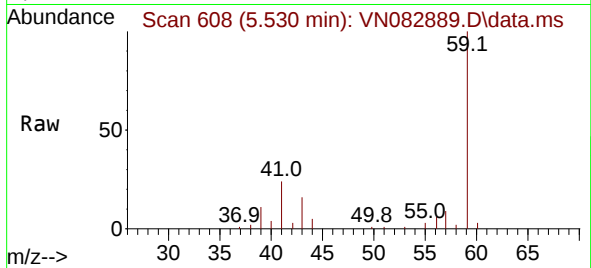
#11
Tert butyl alcohol
Concen: 208.863 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 64498
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3

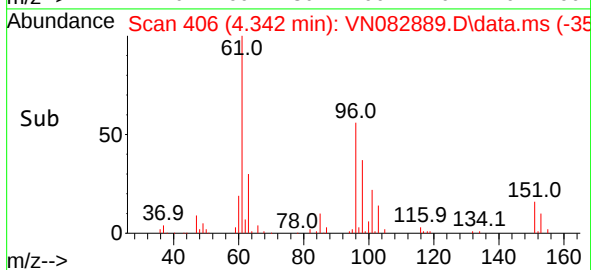
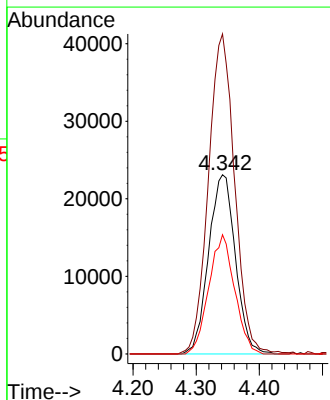
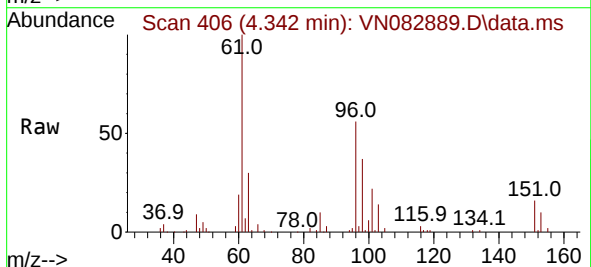
Manual Integrations
APPROVED

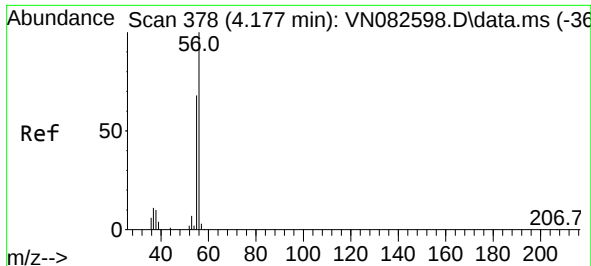
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#12
1,1-Dichloroethene
Concen: 50.954 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

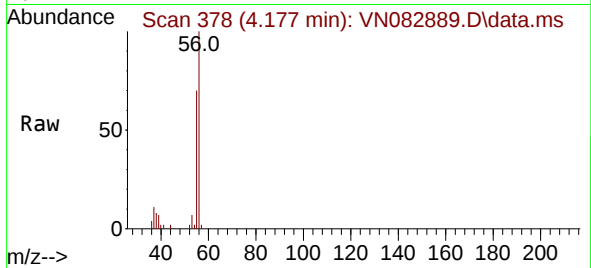
Tgt Ion: 96 Resp: 68128
Ion Ratio Lower Upper
96 100
61 178.6 149.7 224.5
98 66.5 50.1 75.1





#13
Acrolein
Concen: 263.352 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

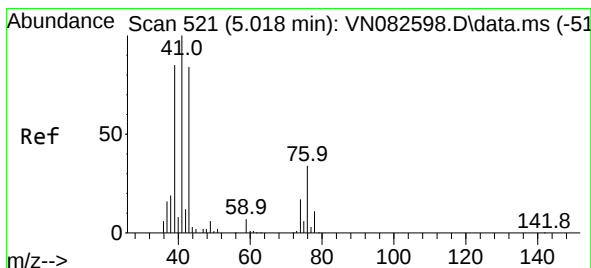
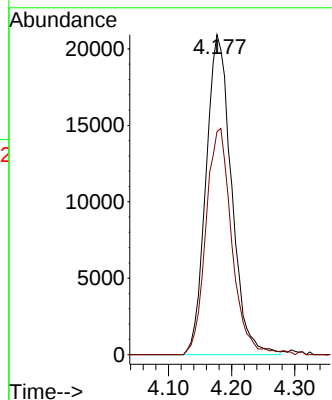
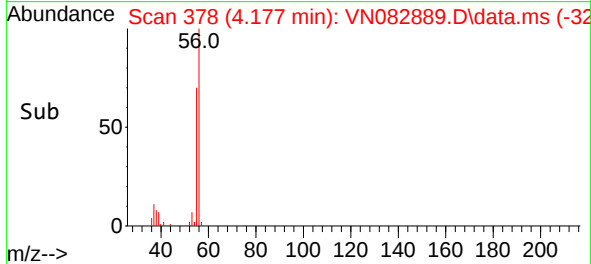
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 58714
Ion Ratio Lower Upper
56 100
55 71.6 56.4 84.6

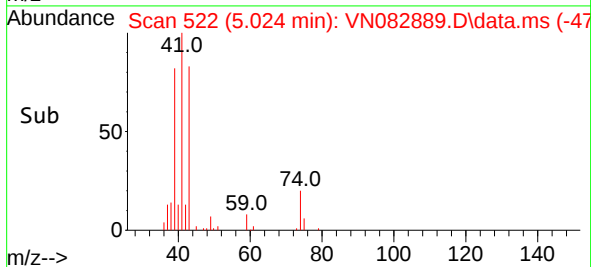
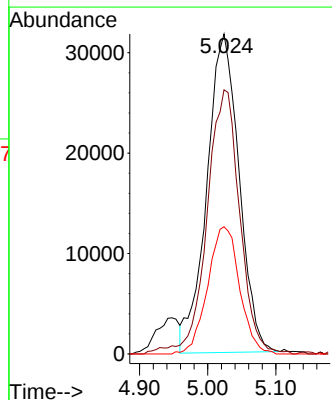
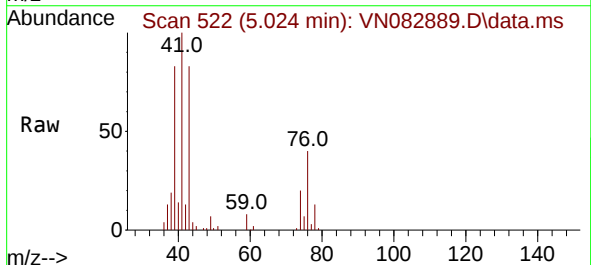
Manual Integrations
APPROVED

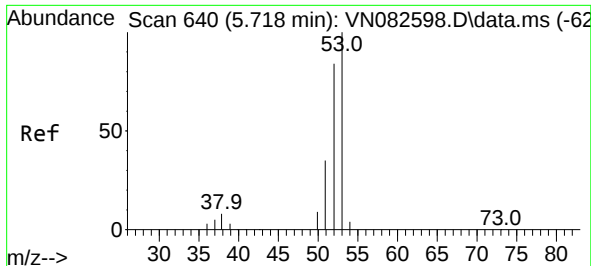
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#14
Allyl chloride
Concen: 50.185 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

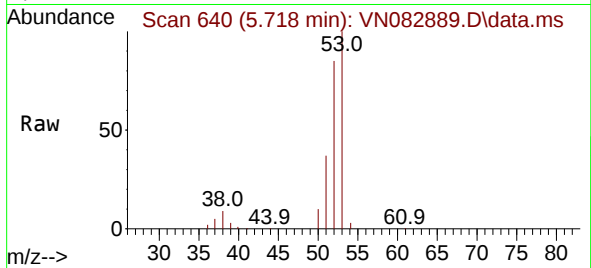
Tgt Ion: 41 Resp: 104620
Ion Ratio Lower Upper
41 100
39 84.1 67.8 101.6
76 39.4 25.8 38.8#





#15
Acrylonitrile
Concen: 253.226 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

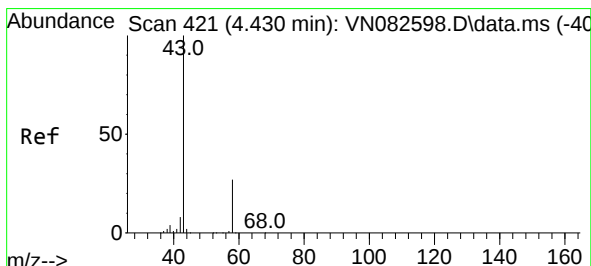
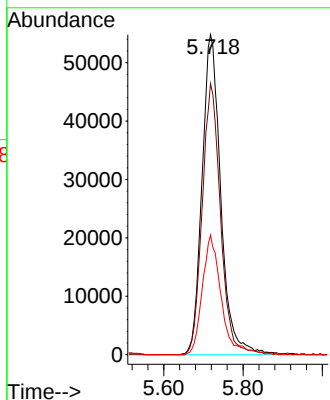
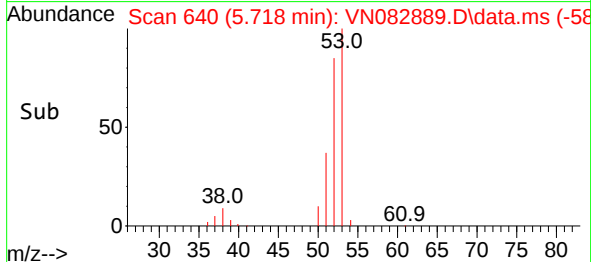
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 179710
Ion Ratio Lower Upper
53 100
52 82.7 66.6 100.0
51 37.7 30.1 45.1

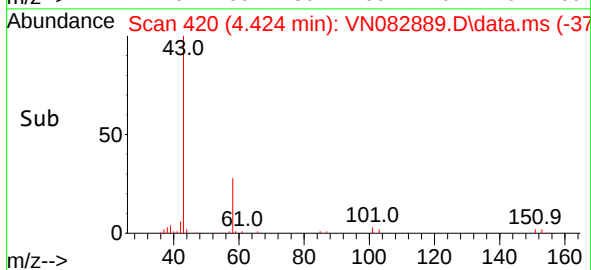
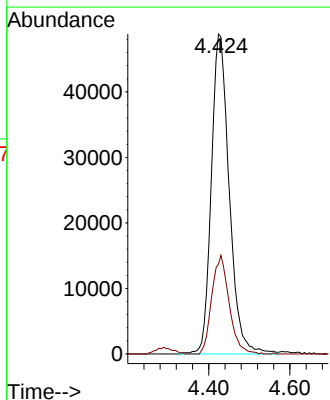
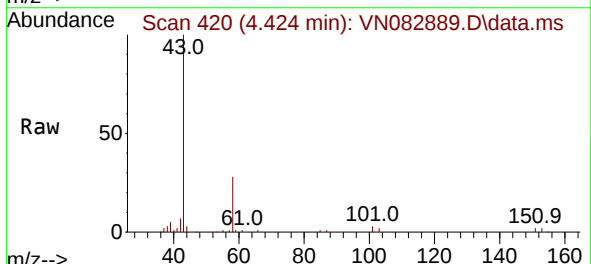
Manual Integrations
APPROVED

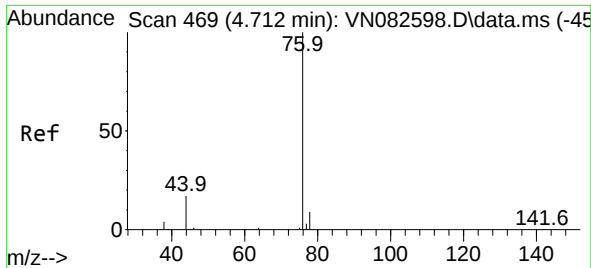
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#16
Acetone
Concen: 231.330 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

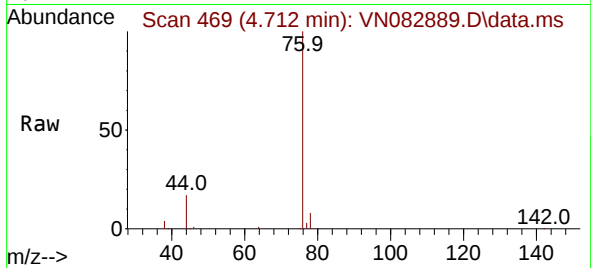
Tgt Ion: 43 Resp: 149534
Ion Ratio Lower Upper
43 100
58 28.1 21.8 32.6





#17
Carbon Disulfide
Concen: 47.836 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

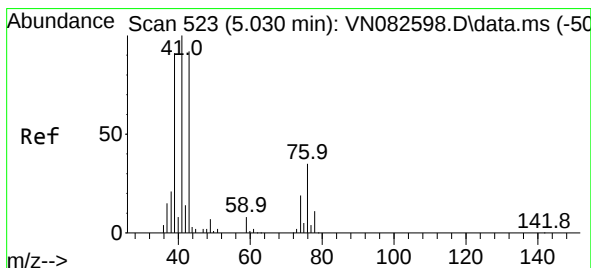
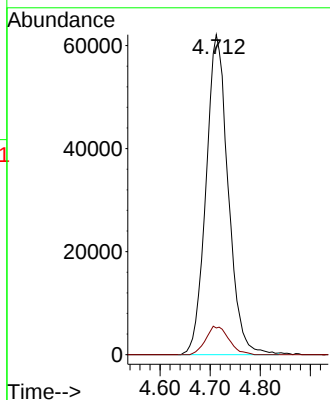
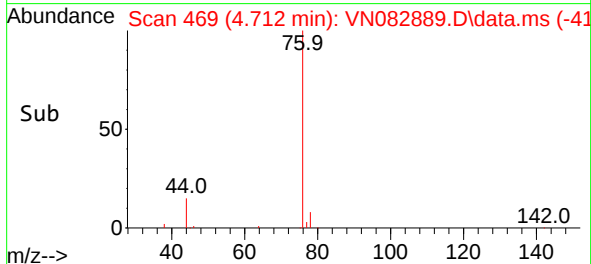
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



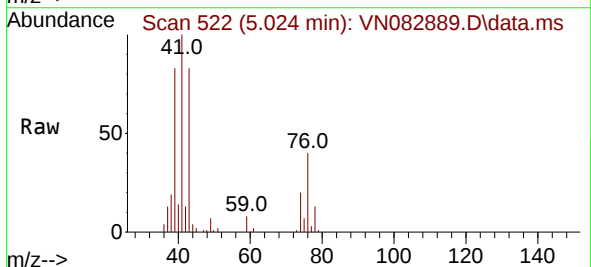
Tgt Ion: 76 Resp: 19112
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

Manual Integrations
APPROVED

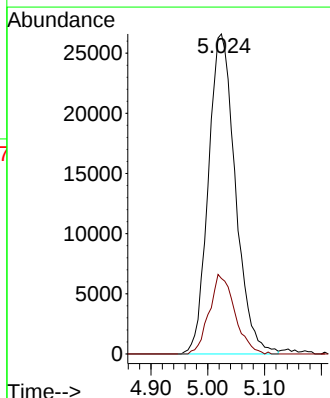
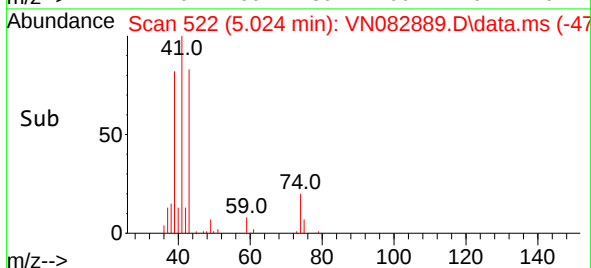
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

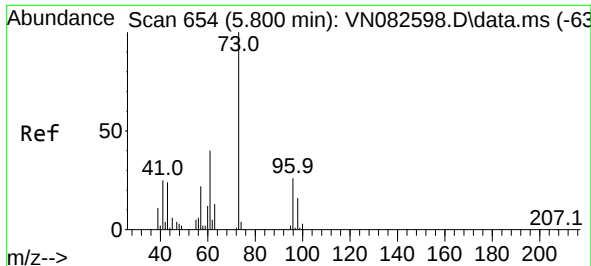


#18
Methyl Acetate
Concen: 51.358 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43



Tgt Ion: 43 Resp: 87846
Ion Ratio Lower Upper
43 100
74 23.5 16.3 24.5





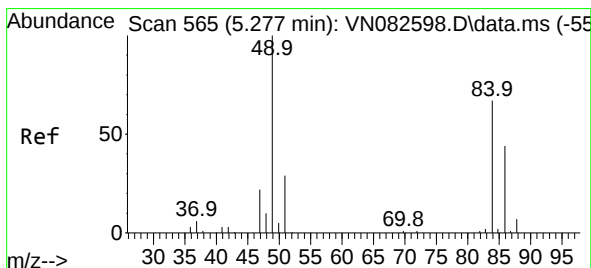
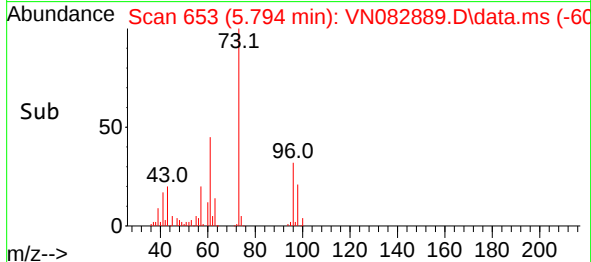
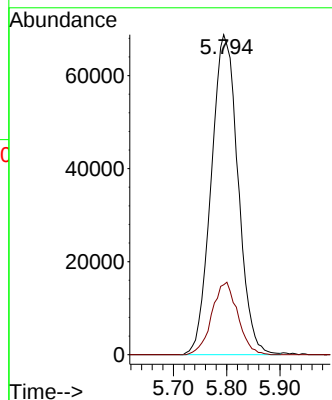
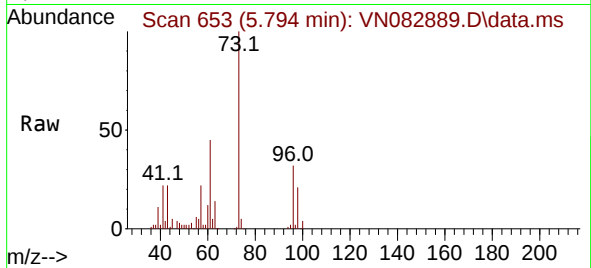
#19
Methyl tert-butyl Ether
Concen: 52.116 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 24036
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9

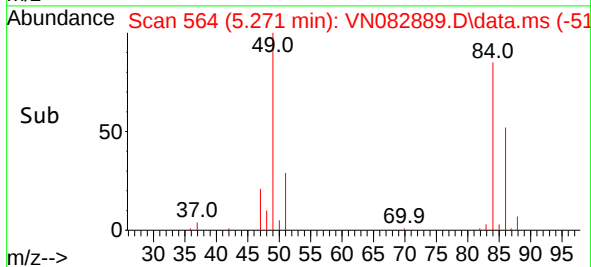
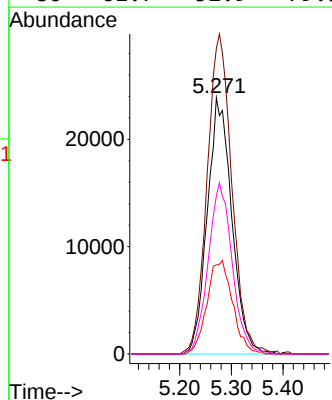
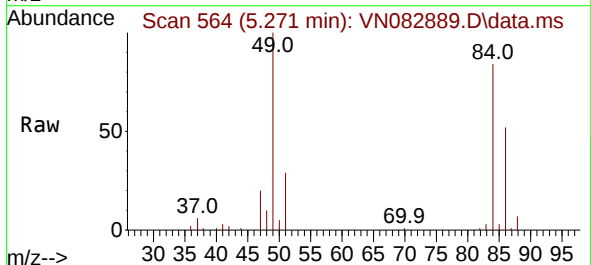
Manual Integrations
APPROVED

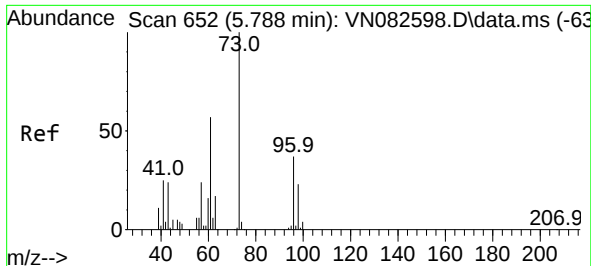
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#20
Methylene Chloride
Concen: 50.360 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Tgt Ion: 84 Resp: 78616
Ion Ratio Lower Upper
84 100
49 119.2 119.6 179.4#
51 34.7 34.8 52.2#
86 61.7 52.9 79.3





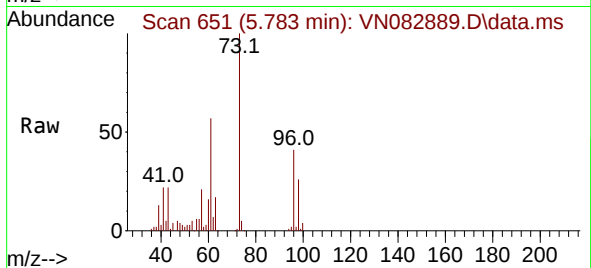
#21
trans-1,2-Dichloroethene
Concen: 50.702 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.005 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



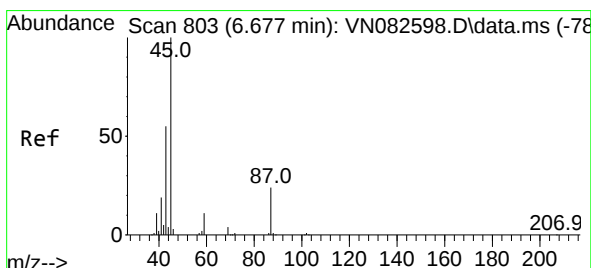
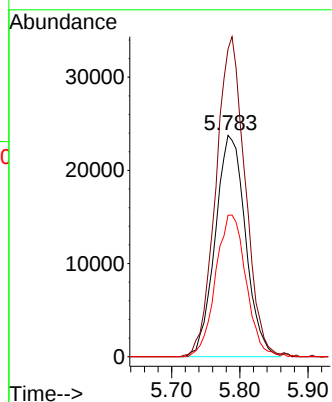
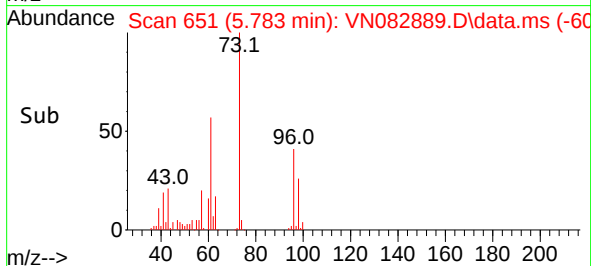
Tgt Ion: 96 Resp: 73454
Ion Ratio Lower Upper
96 100
61 139.0 123.4 185.2
98 63.9 49.3 73.9

Manual Integrations

APPROVED

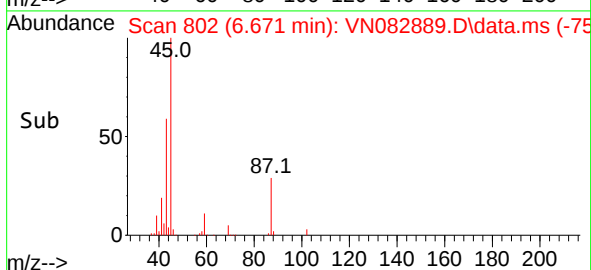
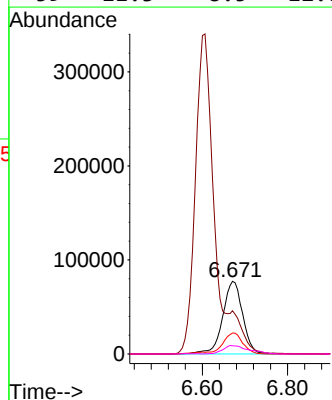
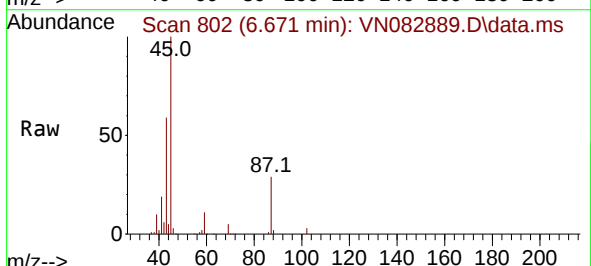
Reviewed By :John Carlone 07/15/2024

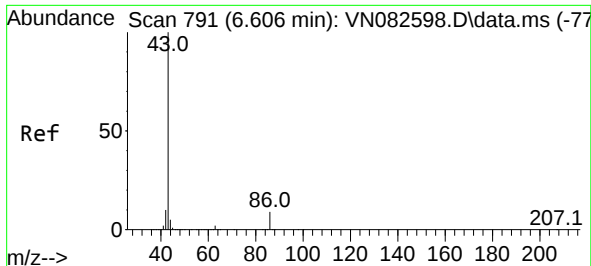
Supervised By :Mahesh Dadoda 07/15/2024



#22
Diisopropyl ether
Concen: 57.420 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

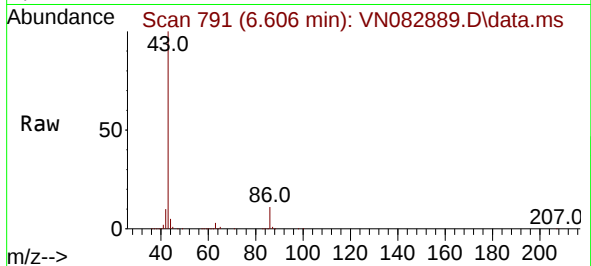
Tgt Ion: 45 Resp: 250431
Ion Ratio Lower Upper
45 100
43 58.6 44.0 66.0
87 28.9 19.7 29.5
59 11.3 8.5 12.7





#23
 Vinyl Acetate
 Concen: 282.968 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082889.D
 Acq: 12 Jul 2024 10:43

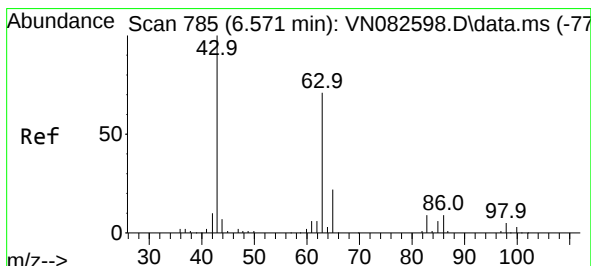
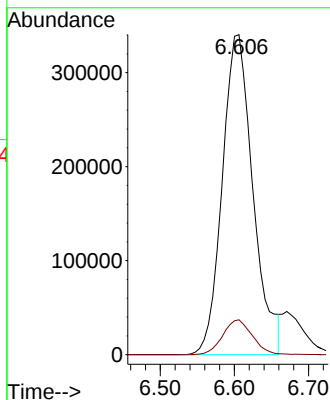
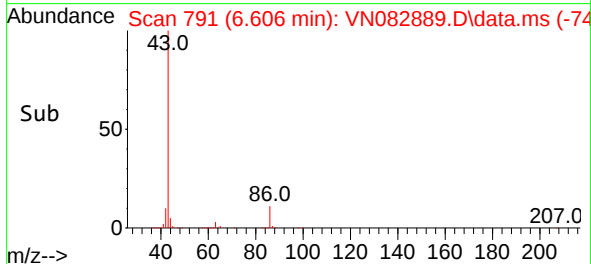
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



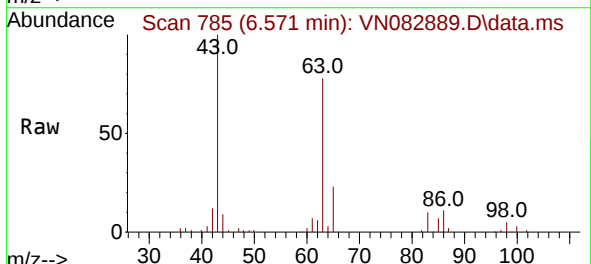
Tgt Ion: 43 Resp: 980070
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.3 10.9

Manual Integrations
 APPROVED

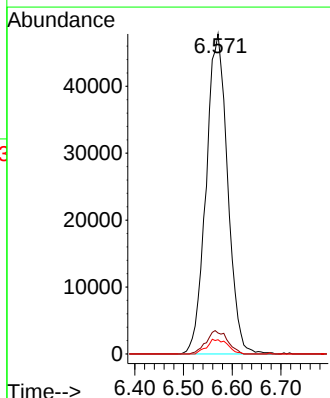
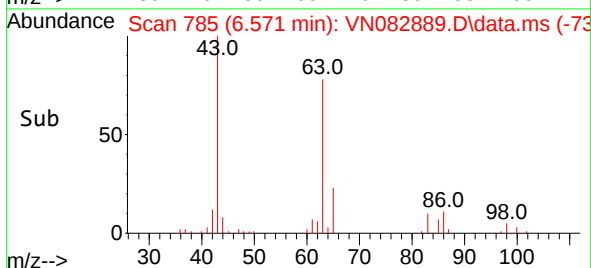
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024

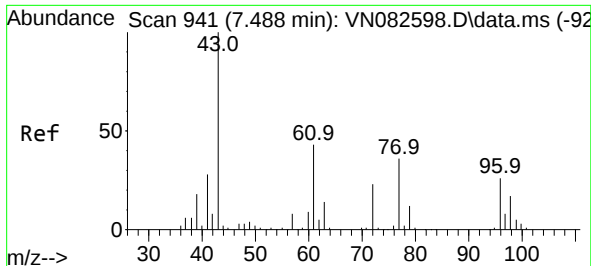


#24
 1,1-Dichloroethane
 Concen: 55.427 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN082889.D
 Acq: 12 Jul 2024 10:43



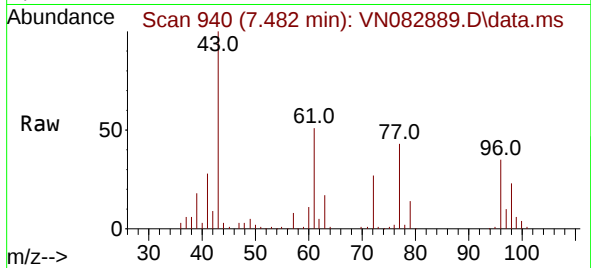
Tgt Ion: 63 Resp: 146633
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.5 2.0 6.0





#25
2-Butanone
Concen: 245.198 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

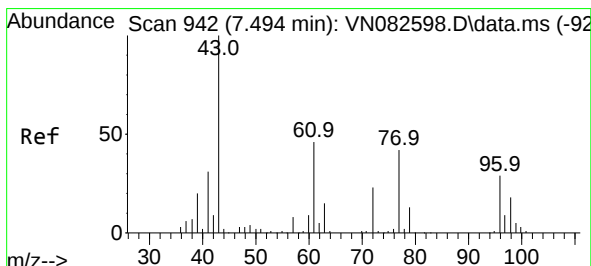
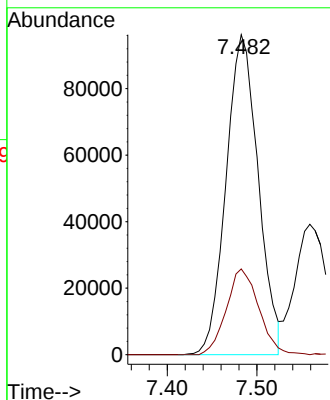
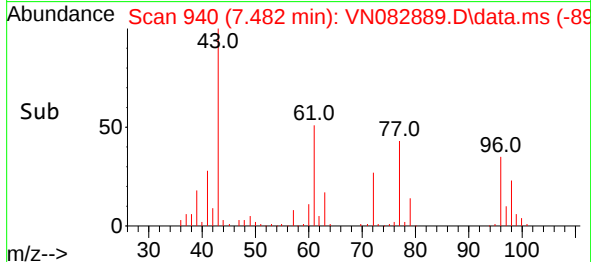
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 239324
Ion Ratio Lower Upper
43 100
72 26.8 18.2 27.2

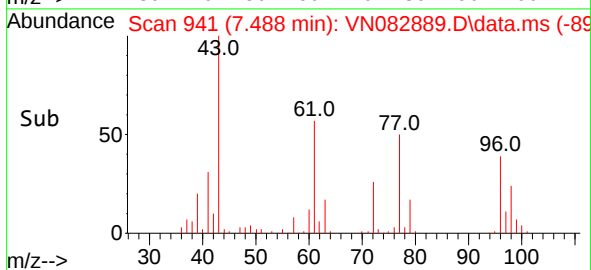
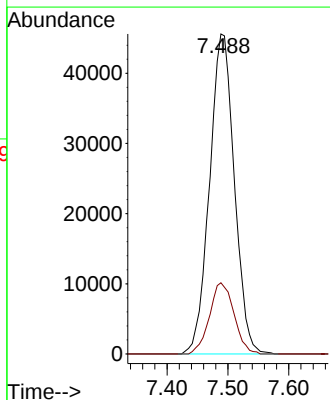
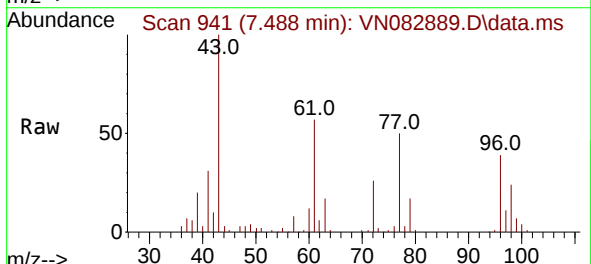
Manual Integrations
APPROVED

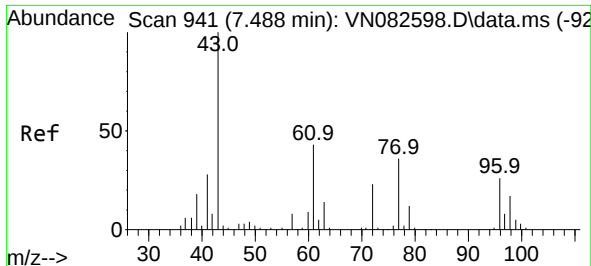
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#26
2,2-Dichloropropane
Concen: 52.433 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

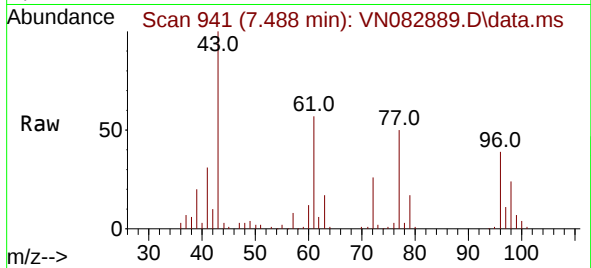
Tgt Ion: 77 Resp: 128972
Ion Ratio Lower Upper
77 100
97 22.0 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 53.666 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN082889.D
 Acq: 12 Jul 2024 10:43

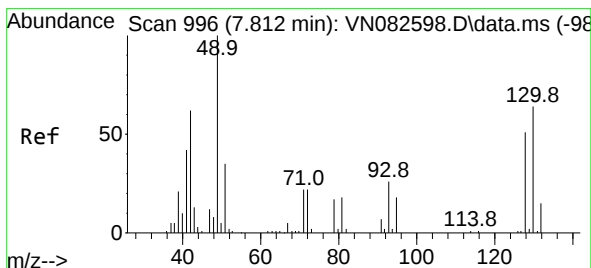
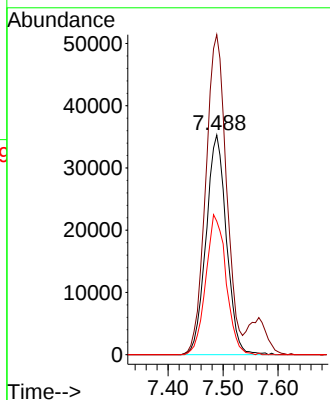
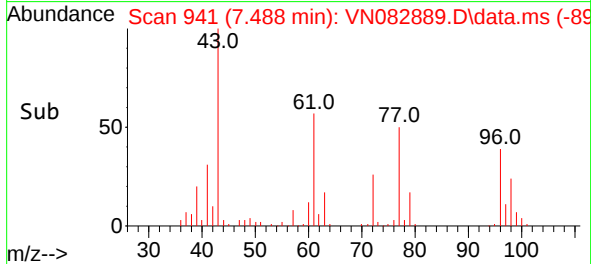
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 9102
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 329.6
 98 63.5 0.0 128.6

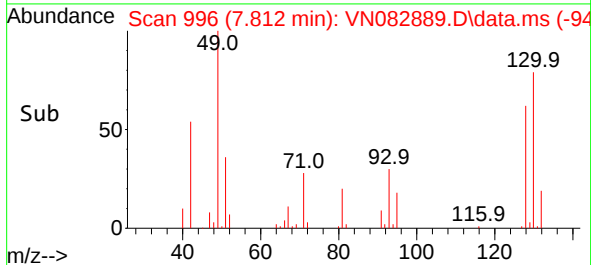
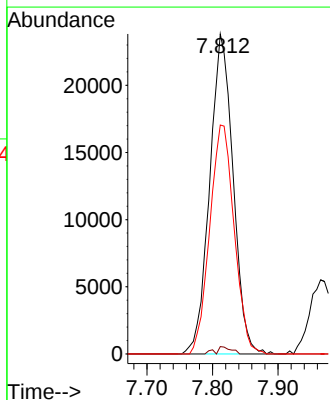
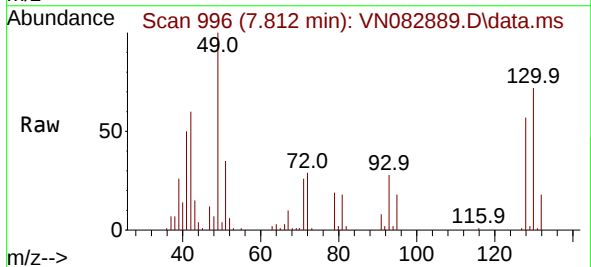
Manual Integrations
 APPROVED

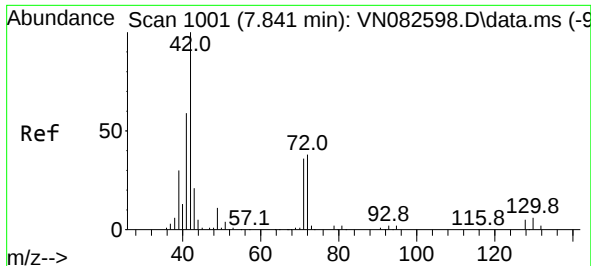
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024



#28
 Bromochloromethane
 Concen: 51.965 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN082889.D
 Acq: 12 Jul 2024 10:43

Tgt Ion: 49 Resp: 58976
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 74.8 50.5 75.7





#29

Tetrahydrofuran

Concen: 258.427 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN082889.D

Acq: 12 Jul 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 158790

Ion Ratio Lower Upper

42 100

72 45.8 30.0 45.0

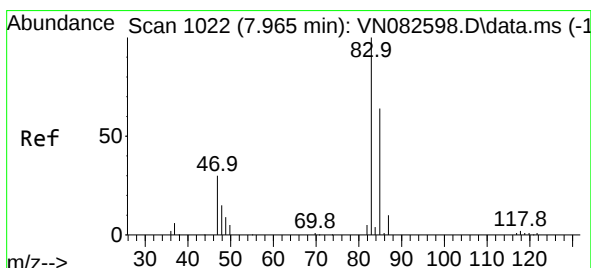
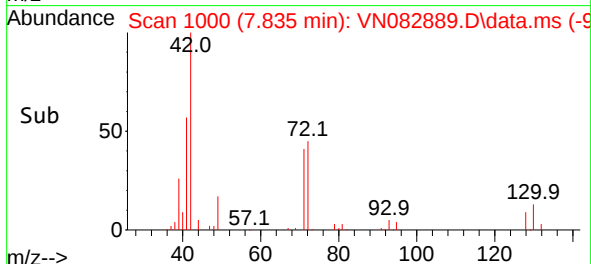
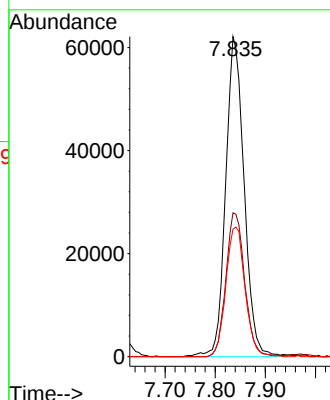
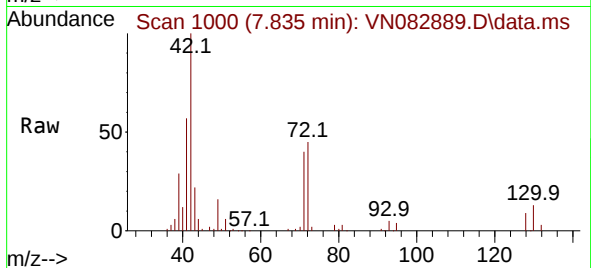
71 42.2 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#30

Chloroform

Concen: 54.701 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082889.D

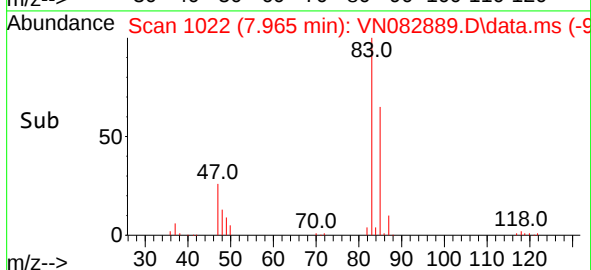
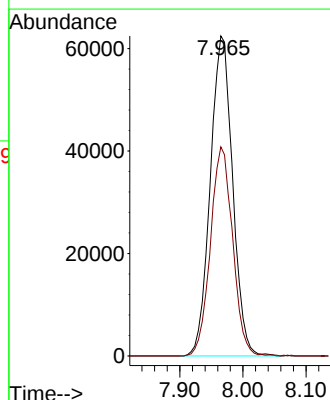
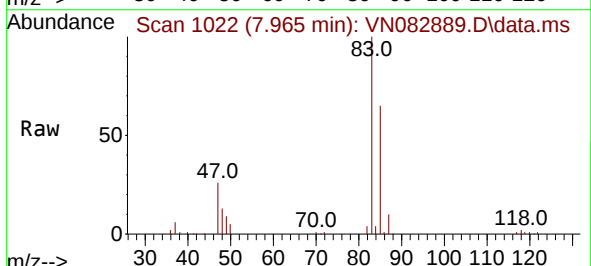
Acq: 12 Jul 2024 10:43

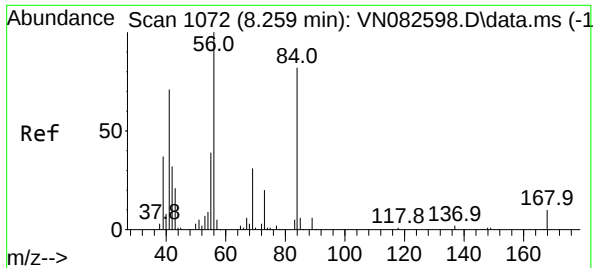
Tgt Ion: 83 Resp: 153522

Ion Ratio Lower Upper

83 100

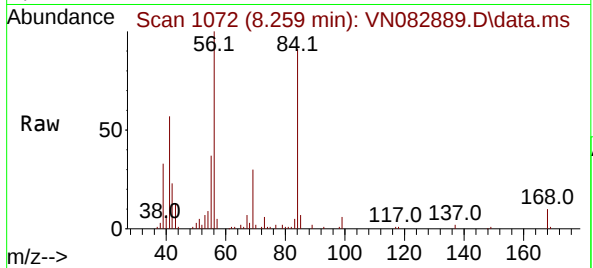
85 65.3 50.9 76.3





#31
Cyclohexane
Concen: 48.556 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

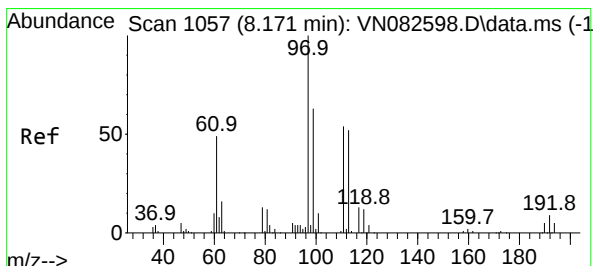
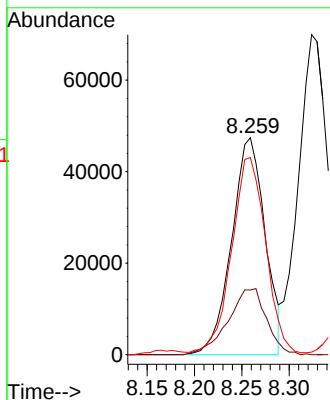
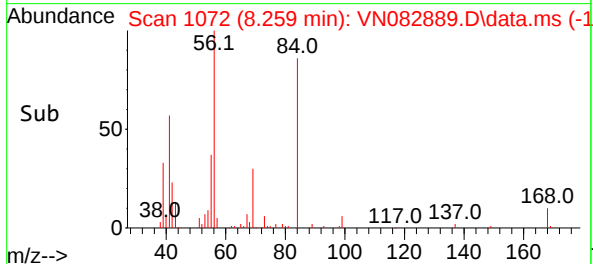
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



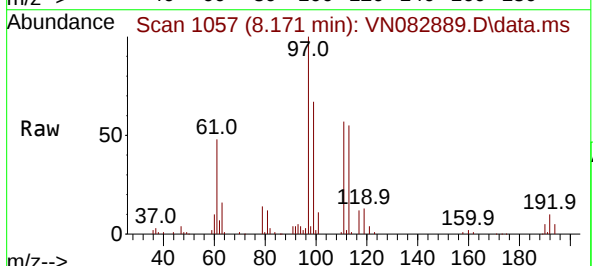
Tgt Ion: 56 Resp: 116552
Ion Ratio Lower Upper
56 100
69 29.8 24.5 36.7
84 89.4 66.0 99.0

Manual Integrations
APPROVED

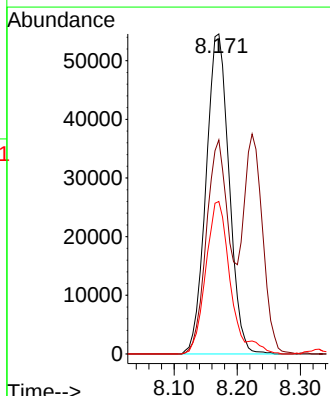
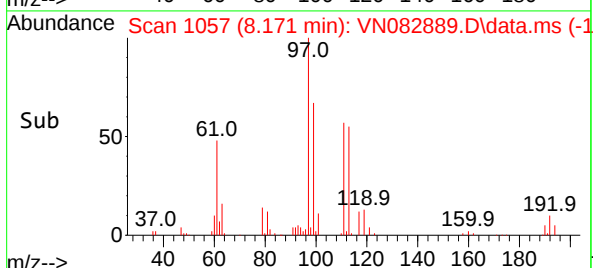
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

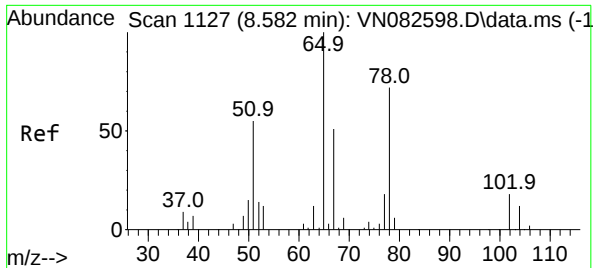


#32
1,1,1-Trichloroethane
Concen: 53.116 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43



Tgt Ion: 97 Resp: 138408
Ion Ratio Lower Upper
97 100
99 67.2 52.0 78.0
61 50.8 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 53.203 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

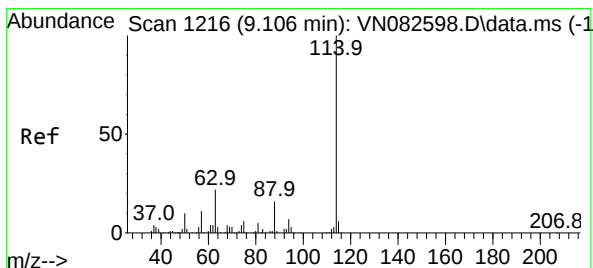
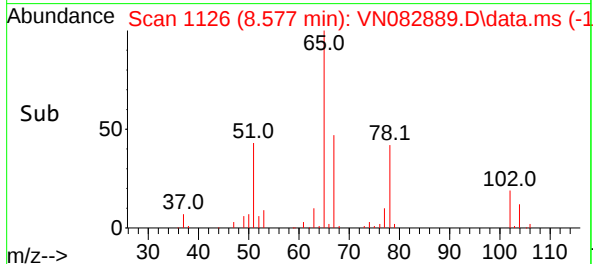
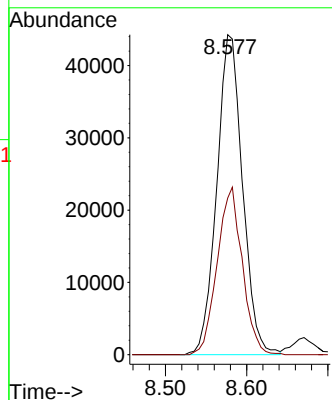
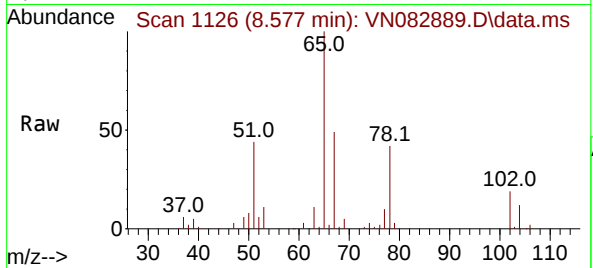
Tgt Ion: 65 Resp: 9768
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.4

Manual Integrations

APPROVED

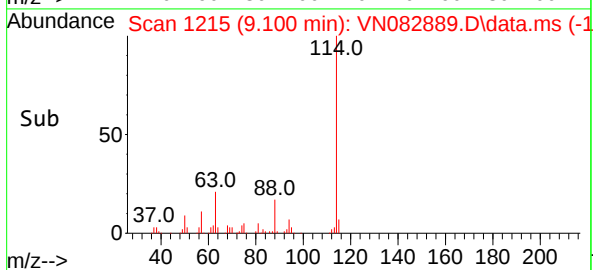
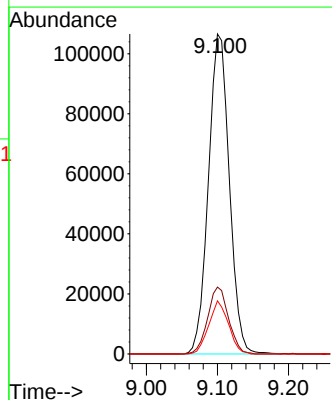
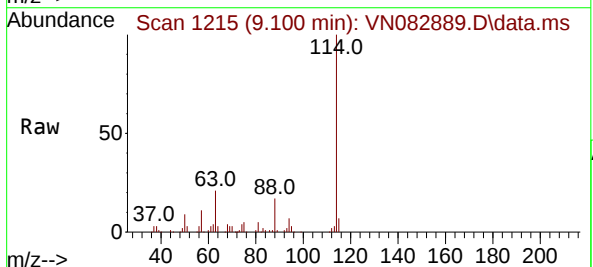
Reviewed By :John Carlone 07/15/2024

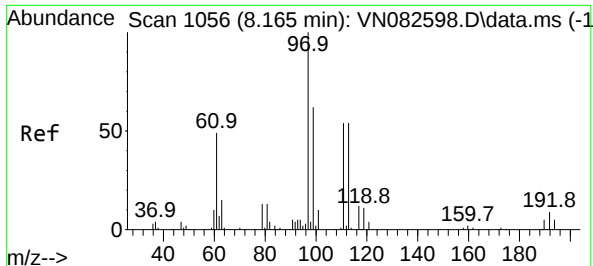
Supervised By :Mahesh Dadoda 07/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

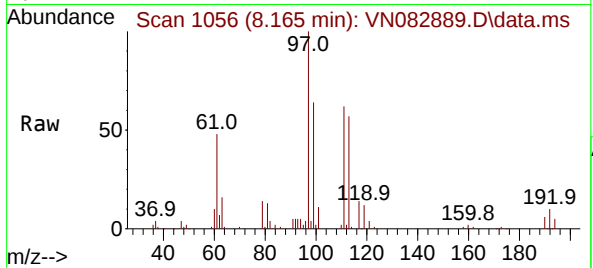
Tgt Ion:114 Resp: 217632
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.6
88 16.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 54.265 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

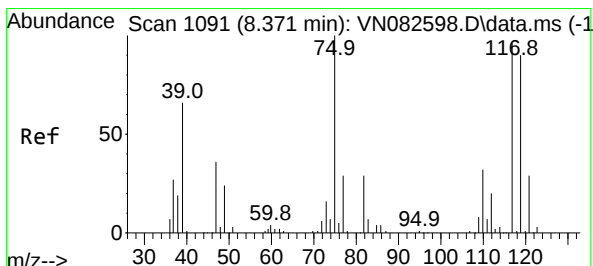
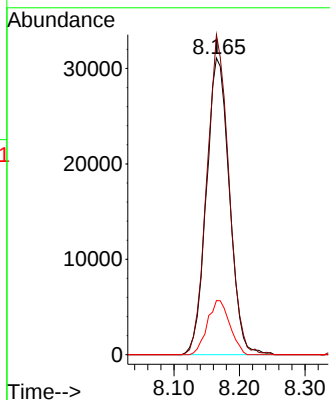
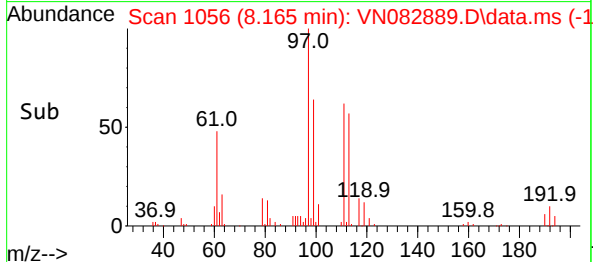
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



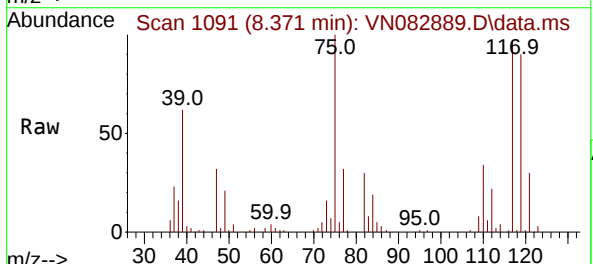
Tgt Ion: 113 Resp: 7578
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 17.8 14.9 22.3

Manual Integrations
APPROVED

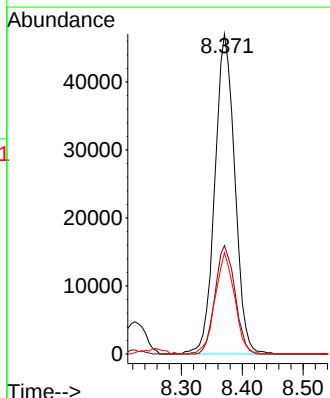
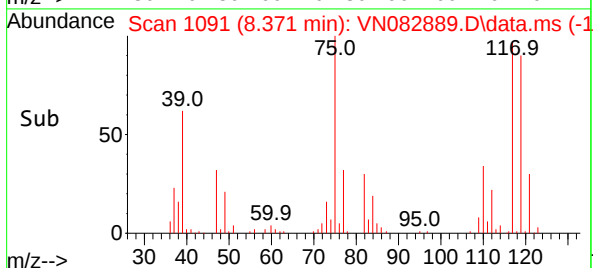
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

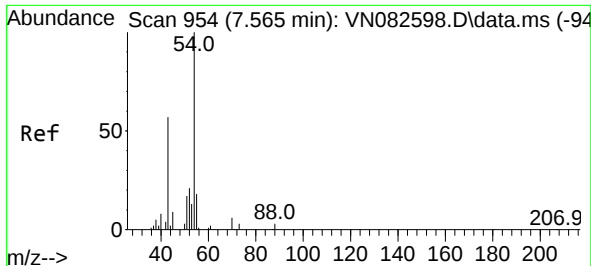


#36
1,1-Dichloropropene
Concen: 55.616 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43



Tgt Ion: 75 Resp: 107083
Ion Ratio Lower Upper
75 100
110 33.8 16.3 48.9
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 52.110 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN082889.D

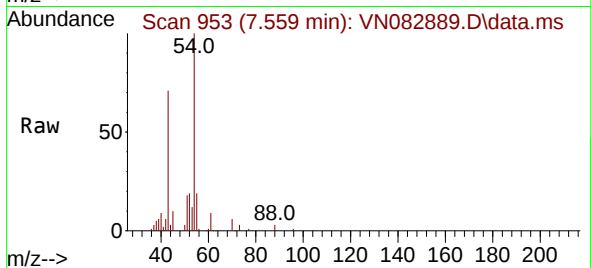
Acq: 12 Jul 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 10214

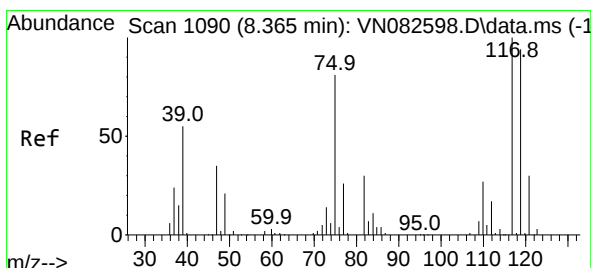
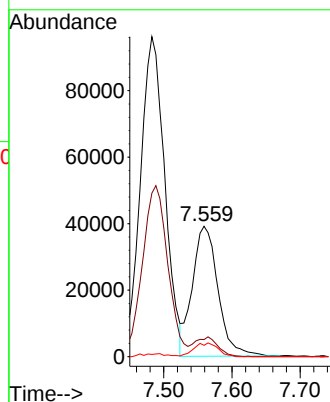
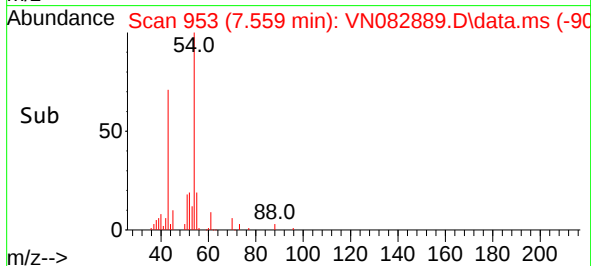
Ion	Ratio	Lower	Upper
43	100		
61	13.7	9.3	13.9
70	9.8	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#38

Carbon Tetrachloride

Concen: 52.461 ug/l

RT: 8.365 min Scan# 1090

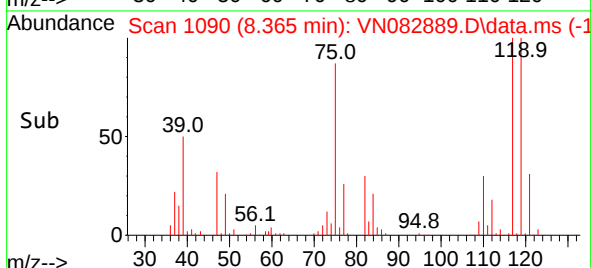
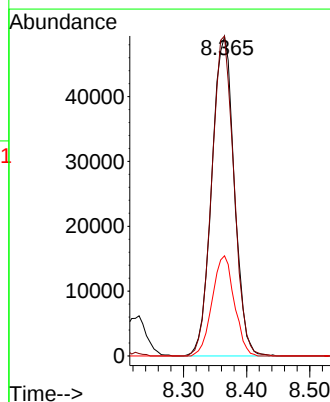
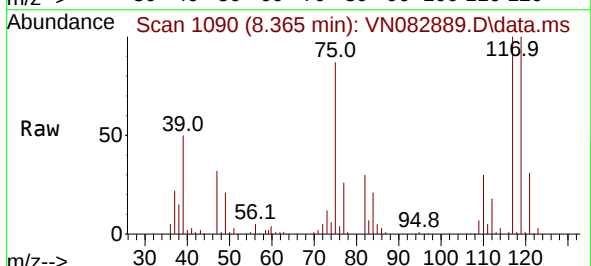
Delta R.T. -0.000 min

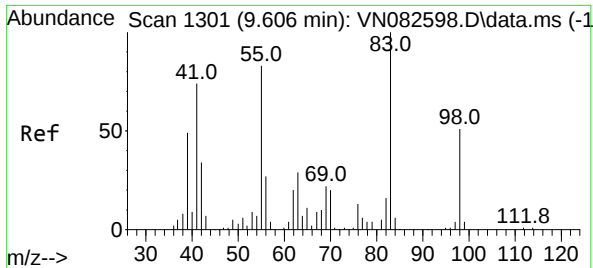
Lab File: VN082889.D

Acq: 12 Jul 2024 10:43

Tgt Ion:117 Resp: 121617

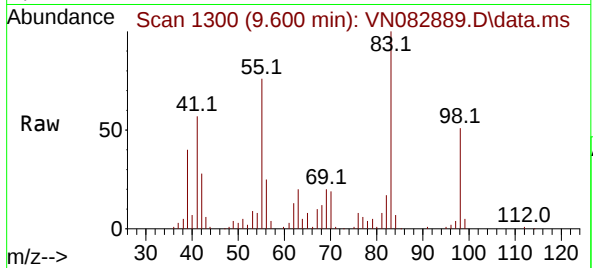
Ion	Ratio	Lower	Upper
117	100		
119	100.1	74.9	112.3
121	31.3	24.3	36.5





#39
Methylcyclohexane
Concen: 52.615 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

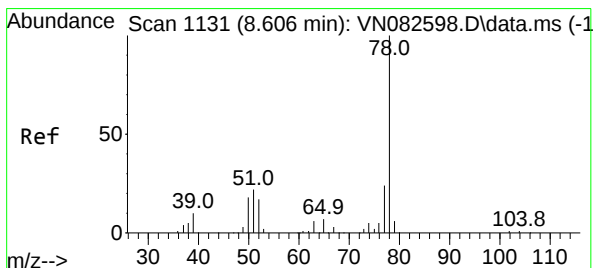
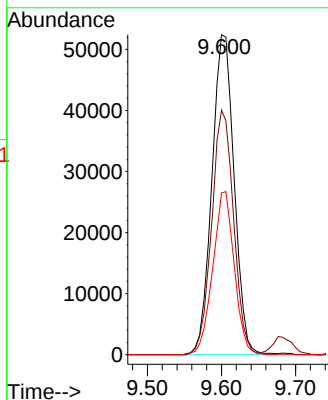
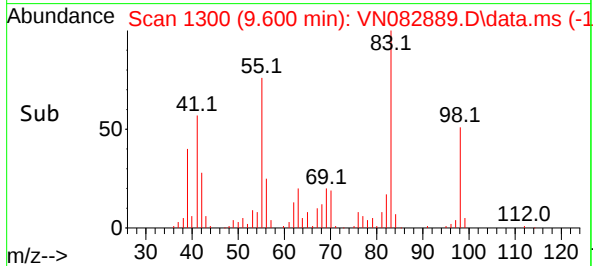
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



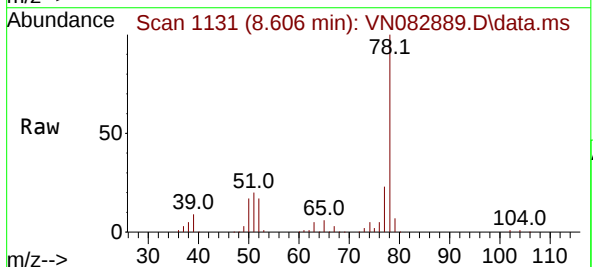
Tgt Ion: 83 Resp: 10942
Ion Ratio Lower Upper
83 100
55 76.5 66.4 99.6
98 50.5 40.7 61.1

Manual Integrations
APPROVED

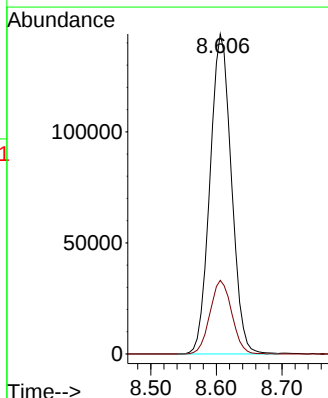
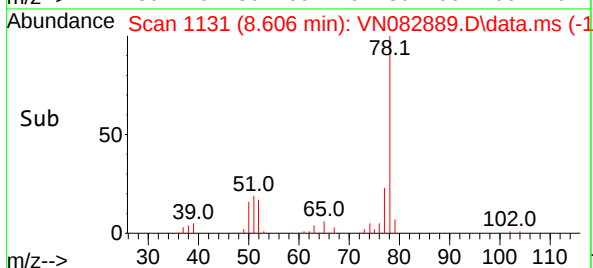
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

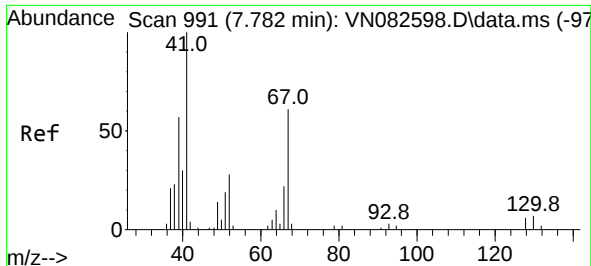


#40
Benzene
Concen: 55.106 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43



Tgt Ion: 78 Resp: 326369
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4





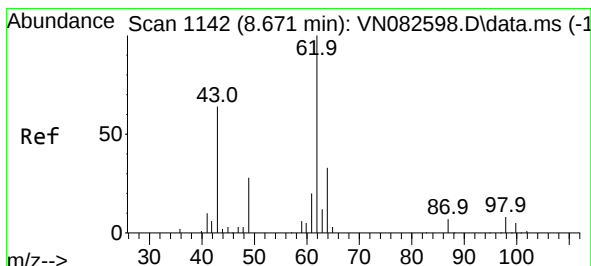
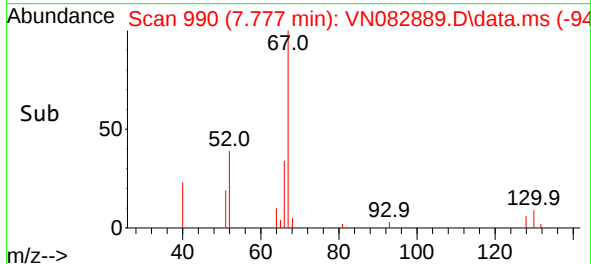
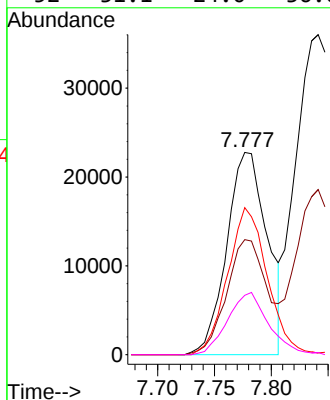
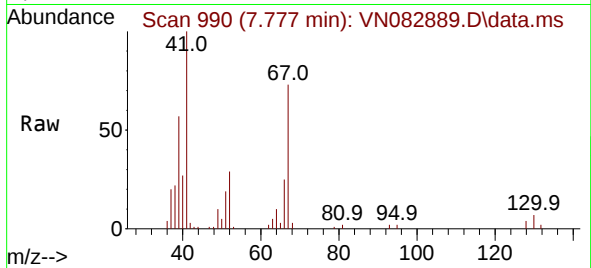
#41
Methacrylonitrile
Concen: 53.510 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.005 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 56509
Ion Ratio Lower Upper
41 100
39 56.8 45.5 68.3
67 71.2 50.5 75.7
52 31.1 24.0 36.0

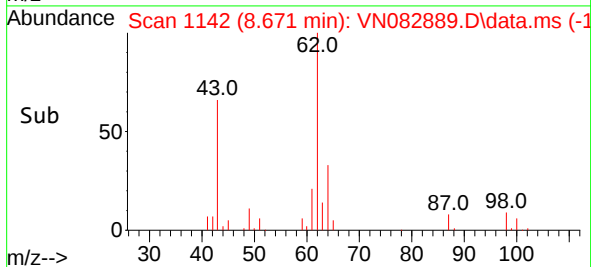
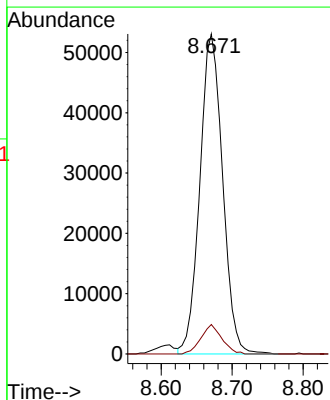
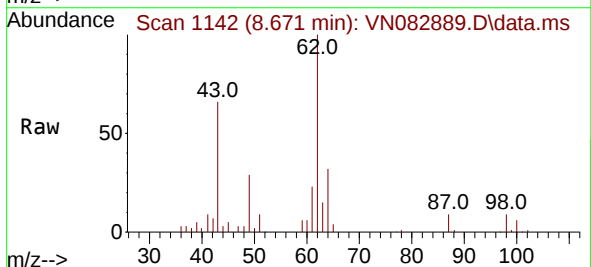
Manual Integrations
APPROVED

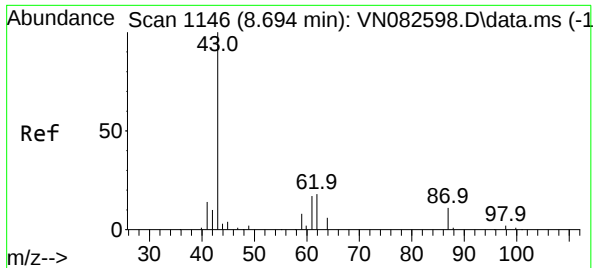
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#42
1,2-Dichloroethane
Concen: 55.495 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

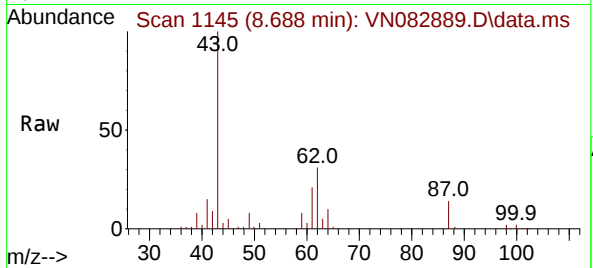
Tgt Ion: 62 Resp: 118322
Ion Ratio Lower Upper
62 100
98 8.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 48.912 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

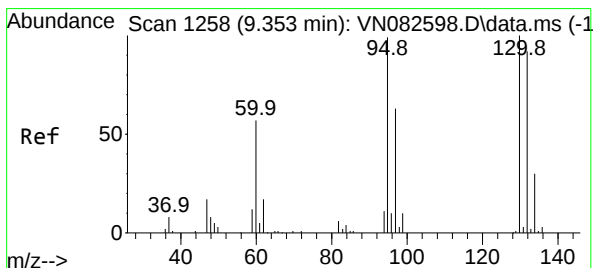
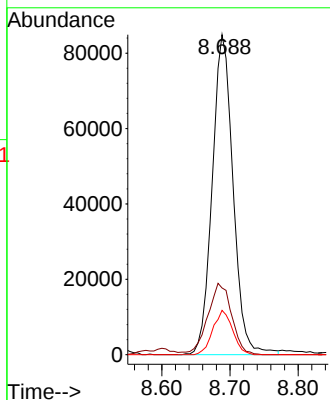
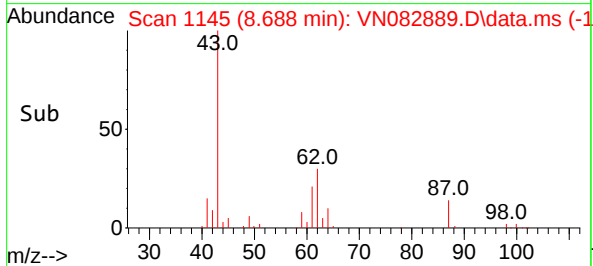
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



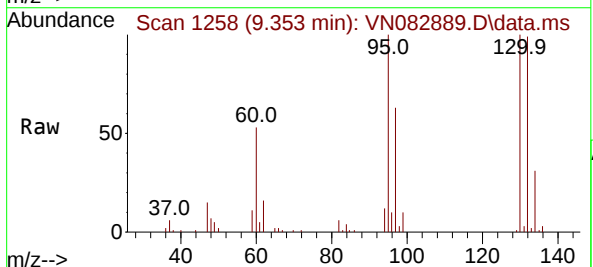
Tgt Ion: 43 Resp: 181020
Ion Ratio Lower Upper
43 100
61 25.5 17.8 26.6
87 13.1 8.2 12.2

Manual Integrations
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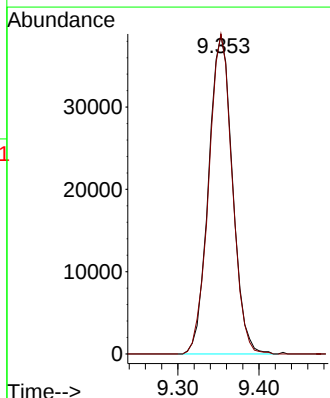
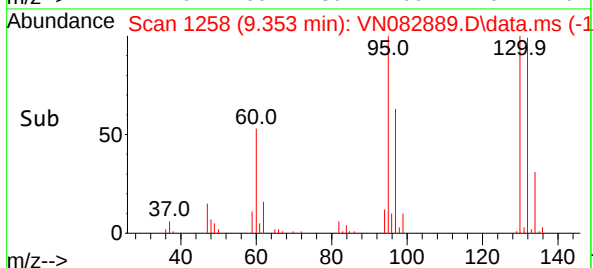
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

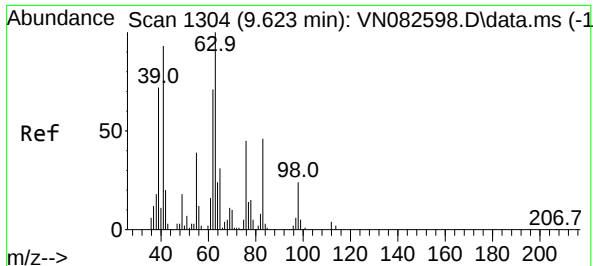


#44
Trichloroethene
Concen: 52.268 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43



Tgt Ion:130 Resp: 79308
Ion Ratio Lower Upper
130 100
95 100.5 0.0 197.8





#45

1,2-Dichloropropane

Concen: 58.426 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082889.D

Acq: 12 Jul 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8078

Ion Ratio Lower Upper

63 100

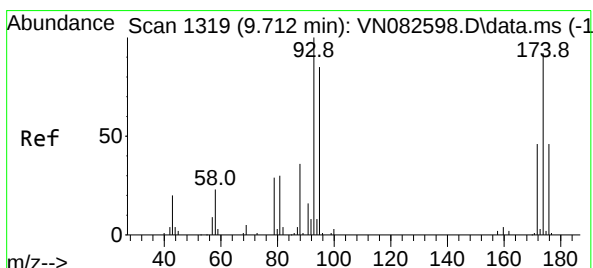
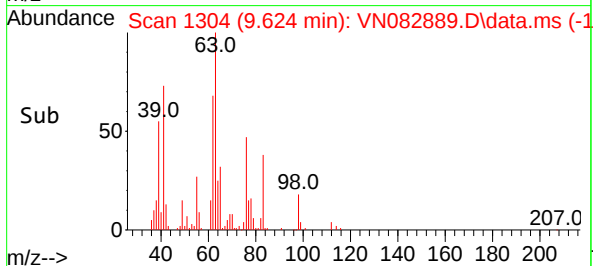
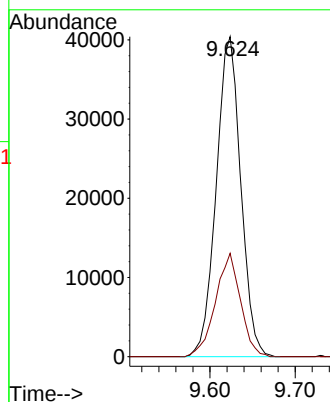
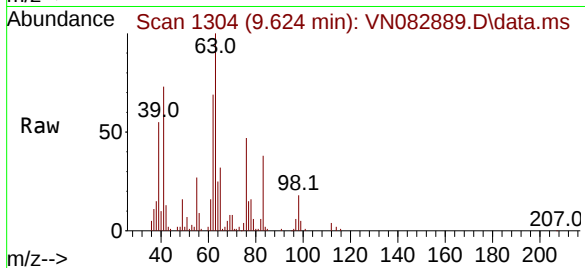
65 32.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#46

Dibromomethane

Concen: 54.961 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN082889.D

Acq: 12 Jul 2024 10:43

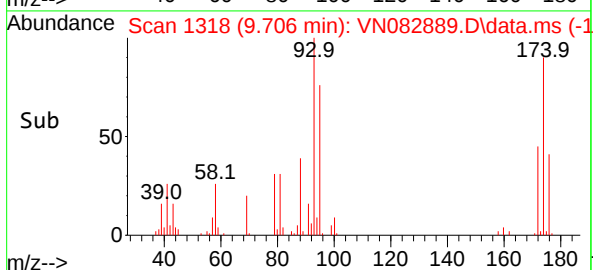
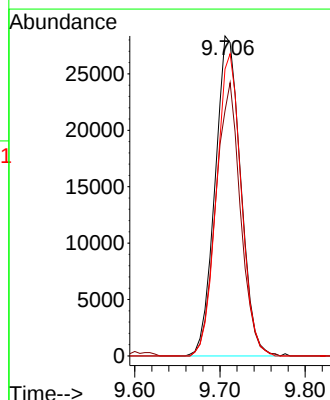
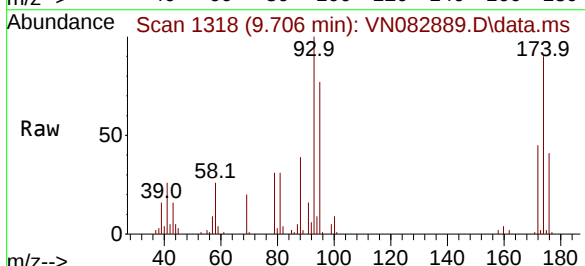
Tgt Ion: 93 Resp: 59204

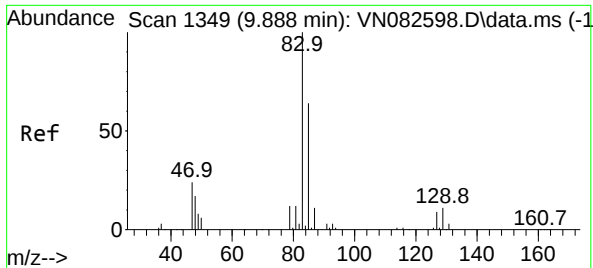
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.6

174 91.3 71.7 107.5





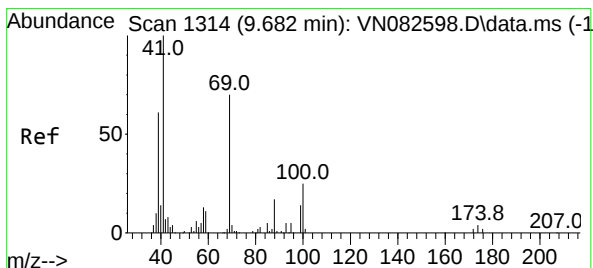
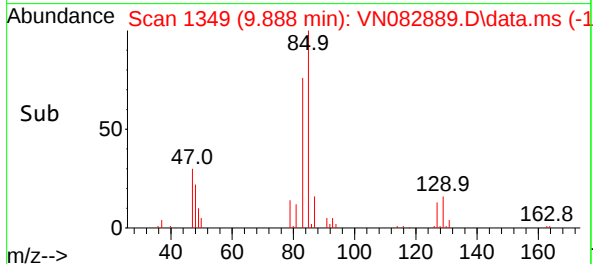
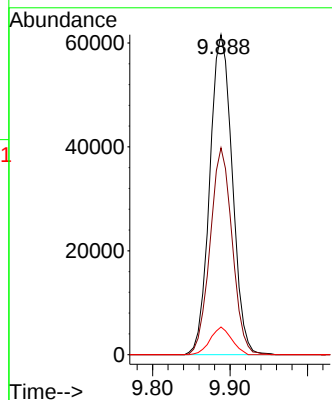
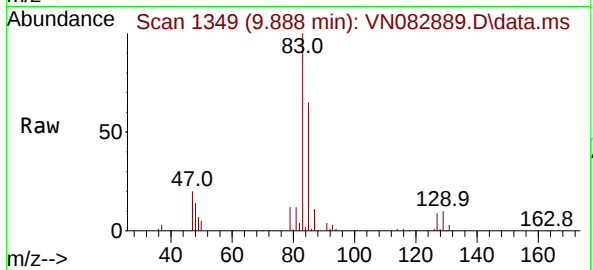
#47
Bromodichloromethane
Concen: 55.907 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12443
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7
127 8.7 7.2 10.8

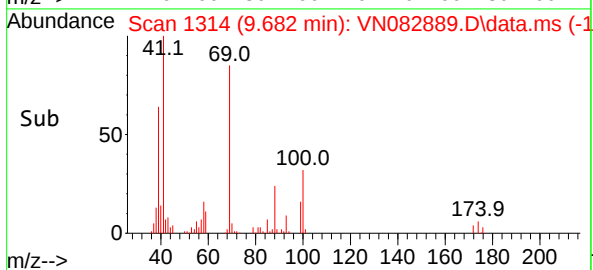
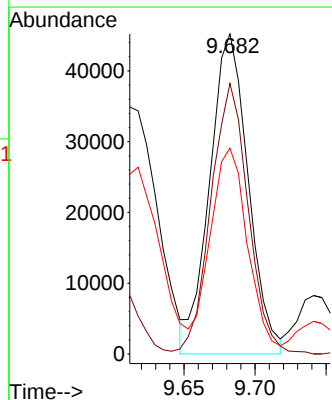
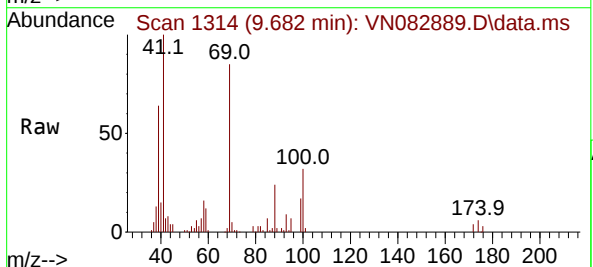
Manual Integrations
APPROVED

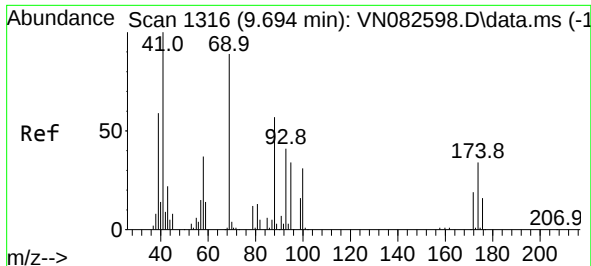
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#48
Methyl methacrylate
Concen: 55.528 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Tgt Ion: 41 Resp: 85348
Ion Ratio Lower Upper
41 100
69 81.8 56.3 84.5
39 62.9 50.3 75.5





#49

1,4-Dioxane

Concen: 946.733 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN082889.D

Acq: 12 Jul 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

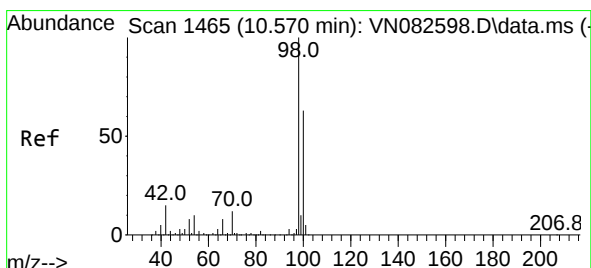
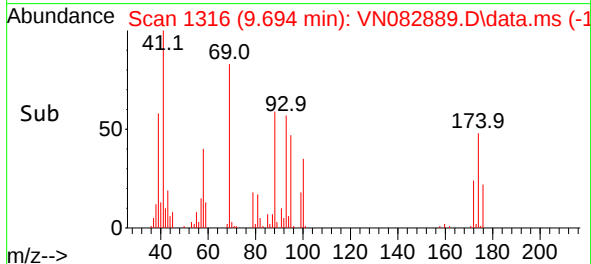
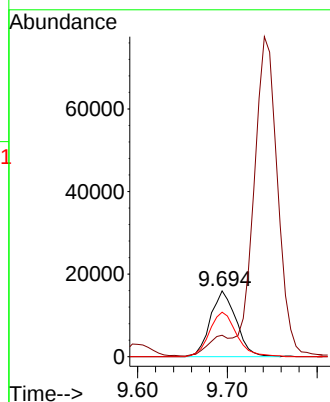
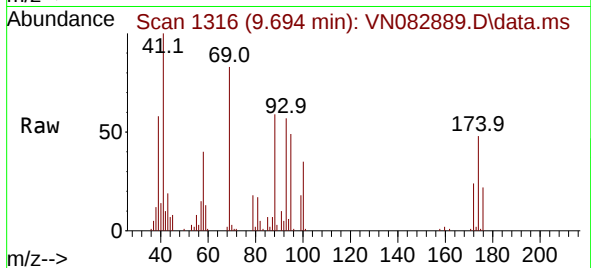
Tgt Ion: 88	Resp: 3169
Ion Ratio	Lower Upper
88 100	
43 25.3	27.8 41.8
58 71.4	59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#50

Toluene-d8

Concen: 52.187 ug/l

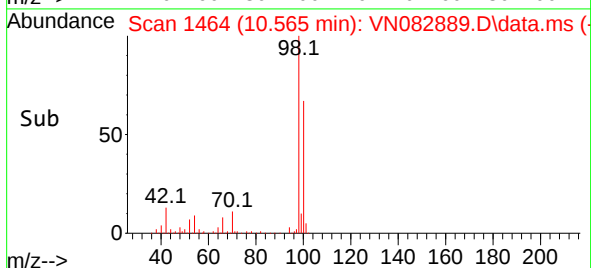
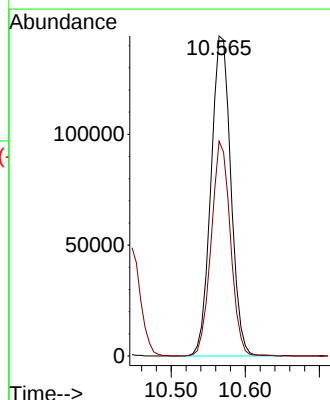
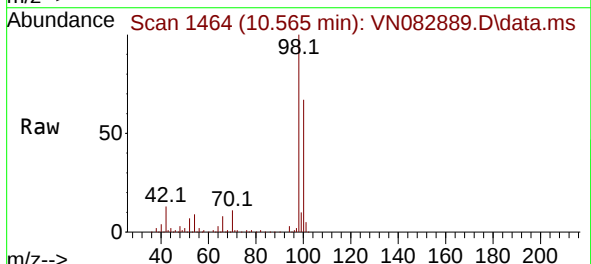
RT: 10.565 min Scan# 1464

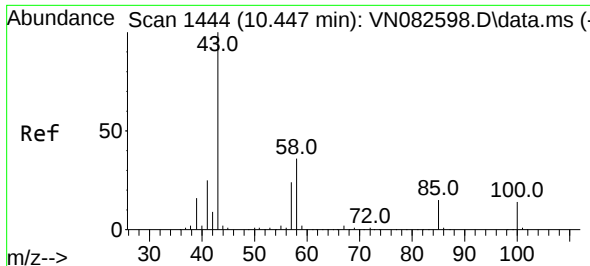
Delta R.T. -0.005 min

Lab File: VN082889.D

Acq: 12 Jul 2024 10:43

Tgt Ion: 98	Resp: 269173
Ion Ratio	Lower Upper
98 100	
100 64.8	51.5 77.3





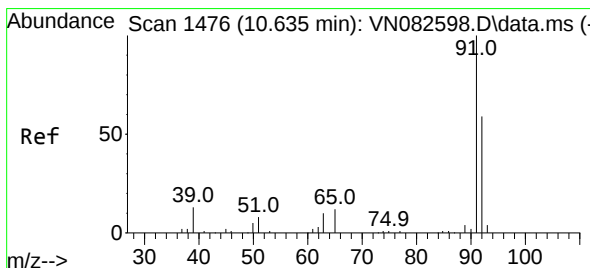
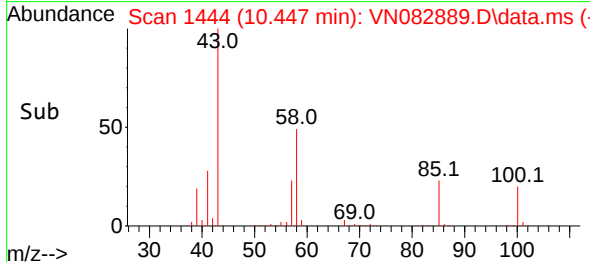
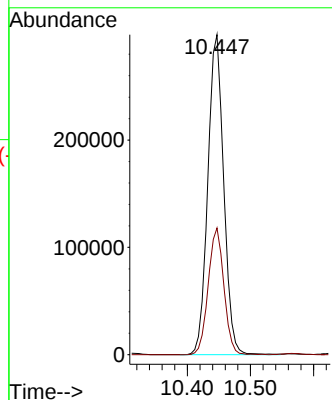
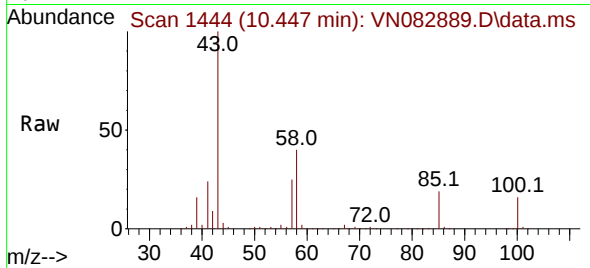
#51
4-Methyl-2-Pentanone
Concen: 267.419 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 51968
Ion Ratio Lower Upper
43 100
58 39.0 28.2 42.4

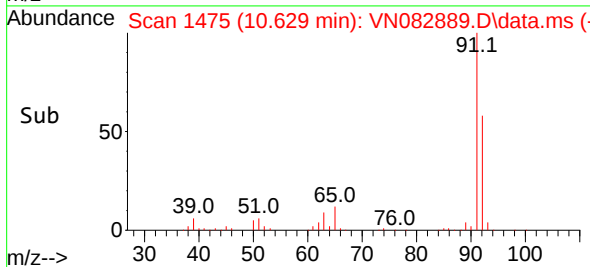
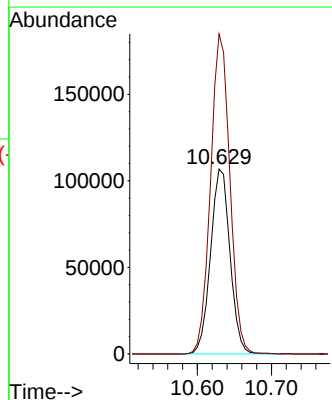
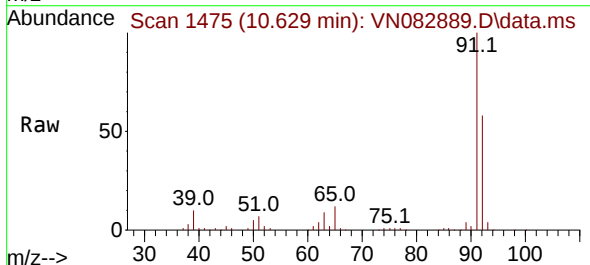
Manual Integrations
APPROVED

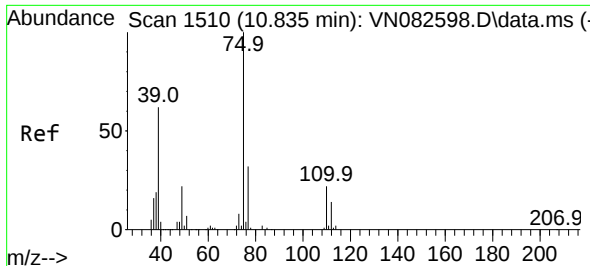
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#52
Toluene
Concen: 52.582 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

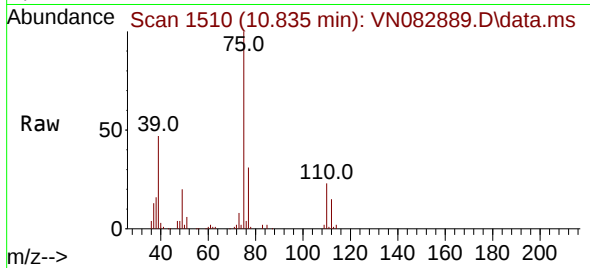
Tgt Ion: 92 Resp: 194537
Ion Ratio Lower Upper
92 100
91 172.2 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 50.460 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

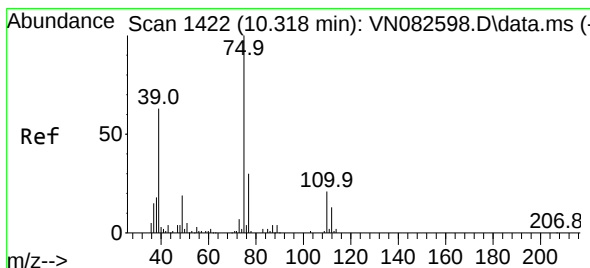
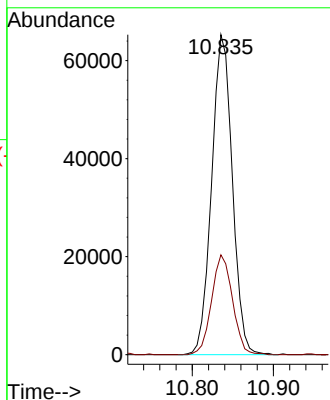
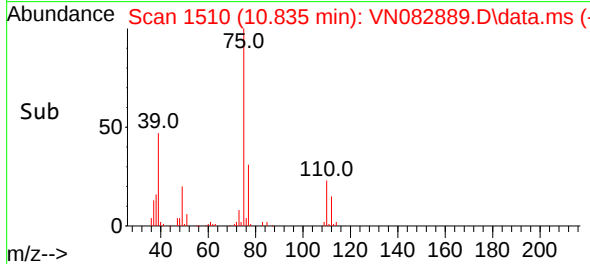
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



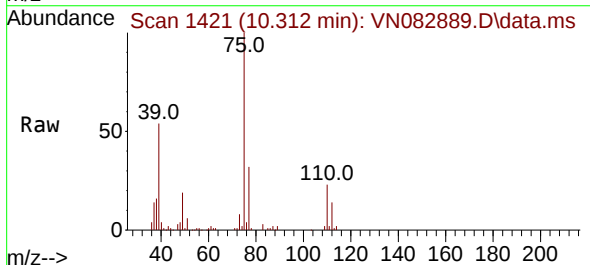
Tgt Ion: 75 Resp: 115700
Ion Ratio Lower Upper
75 100
77 31.2 25.7 38.5

Manual Integrations
APPROVED

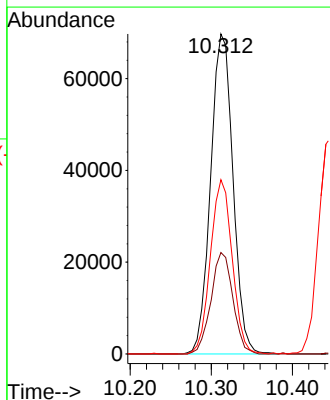
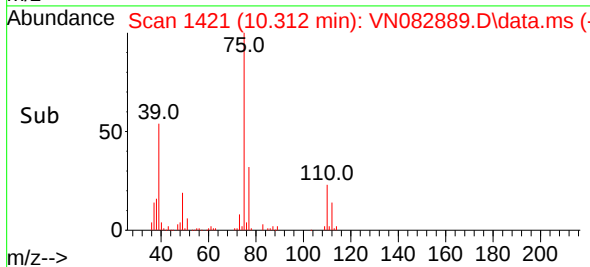
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

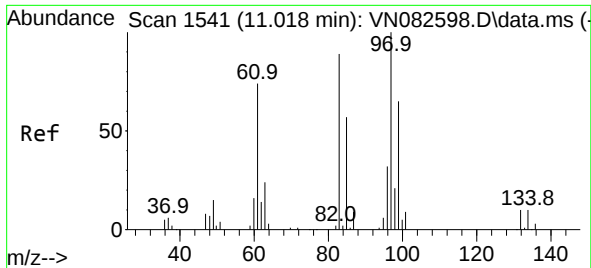


#54
cis-1,3-Dichloropropene
Concen: 55.068 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43



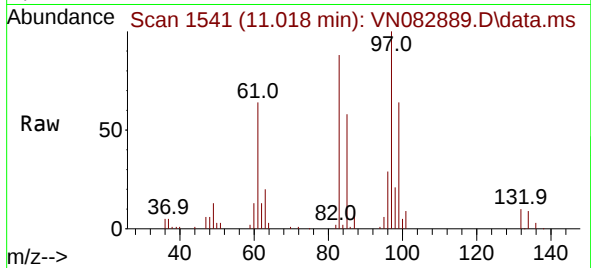
Tgt Ion: 75 Resp: 133650
Ion Ratio Lower Upper
75 100
77 31.7 24.3 36.5
39 54.5 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 52.442 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

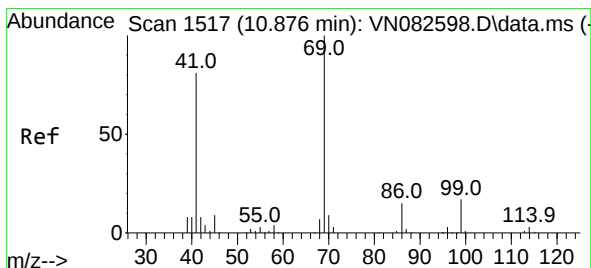
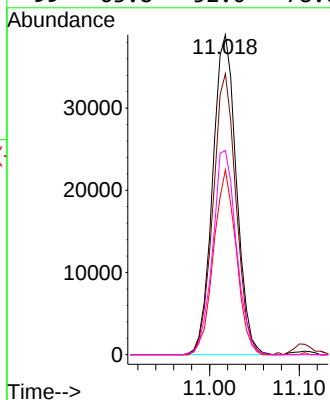
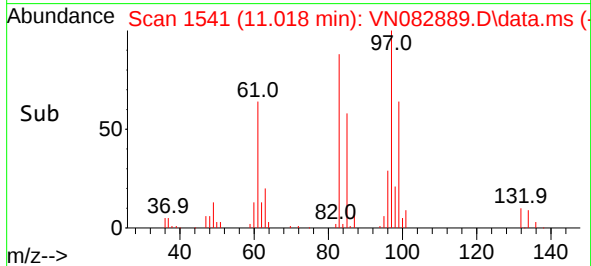
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	71344
Ion	Ratio	Lower	Upper
97	100		
83	87.8	71.4	107.0
85	57.7	45.8	68.6
99	63.8	52.0	78.0

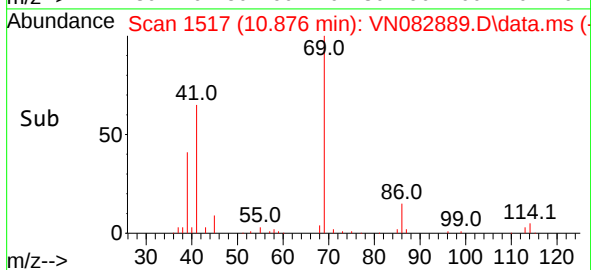
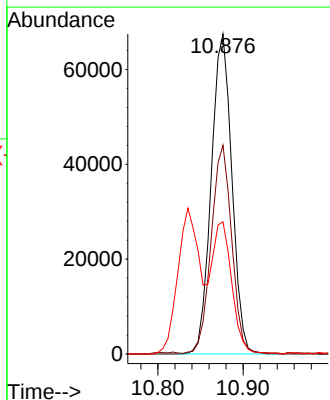
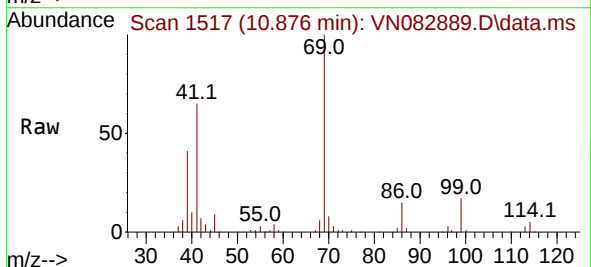
Manual Integrations
APPROVED

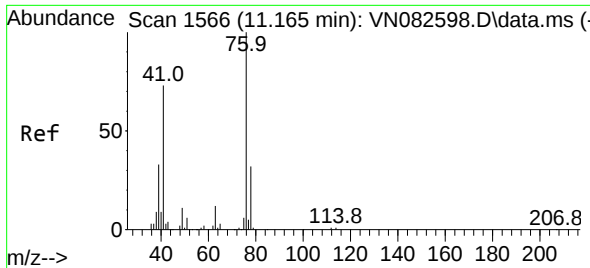
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#56
Ethyl methacrylate
Concen: 53.629 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

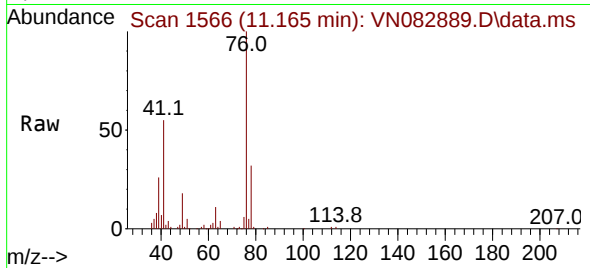
Tgt Ion:	69	Resp:	113510
Ion	Ratio	Lower	Upper
69	100		
41	65.0	63.4	95.2
39	37.8	37.4	56.0





#57
1,3-Dichloropropane
Concen: 51.352 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

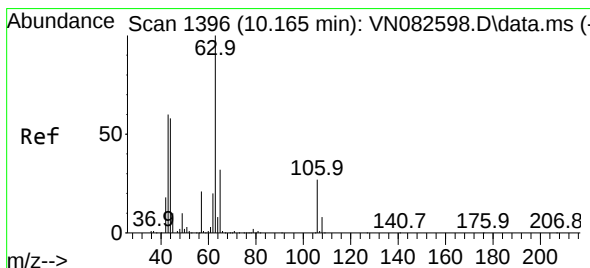
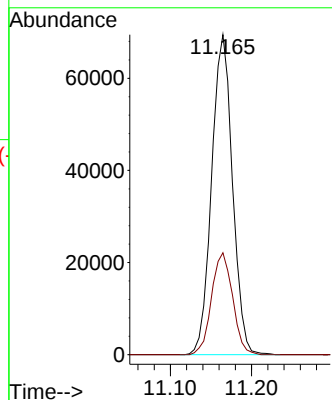
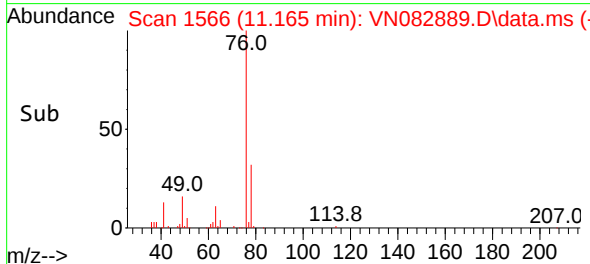
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 123663
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4

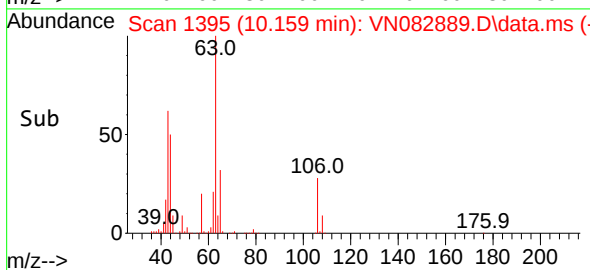
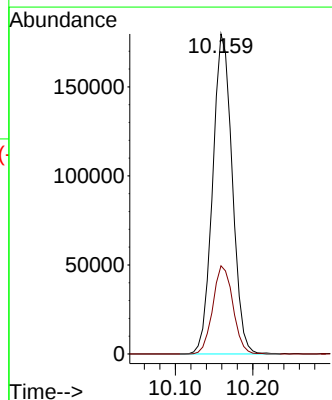
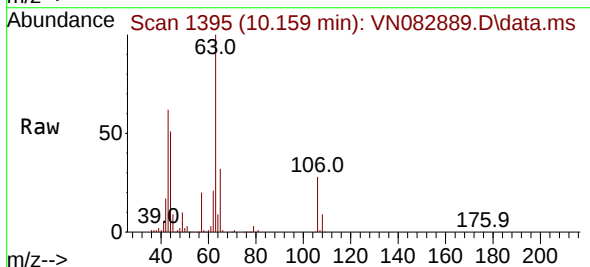
Manual Integrations
APPROVED

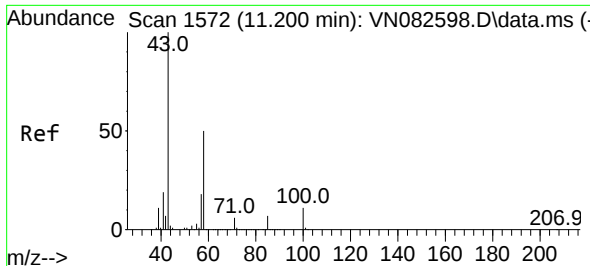
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 290.180 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Tgt Ion: 63 Resp: 315155
Ion Ratio Lower Upper
63 100
106 28.3 21.4 32.0





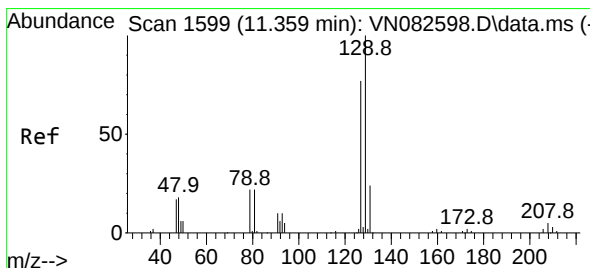
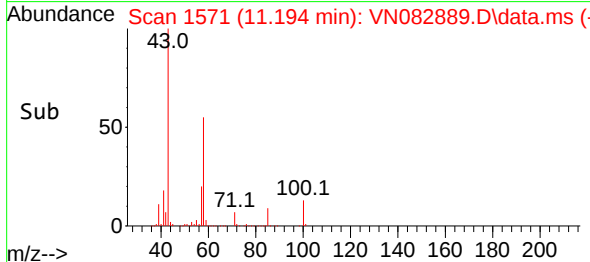
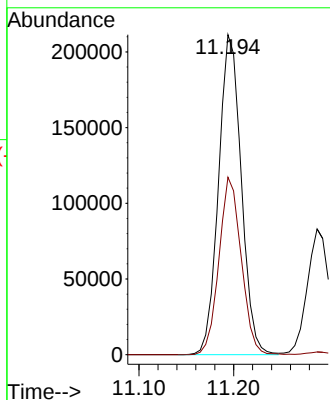
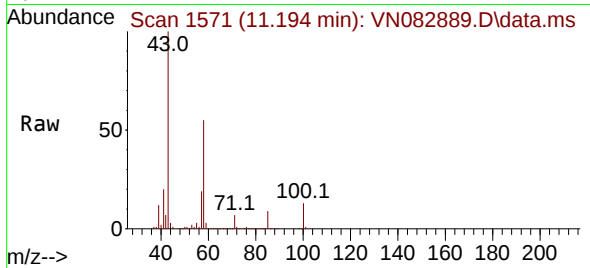
#59
2-Hexanone
Concen: 243.994 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 35253
Ion Ratio Lower Upper
43 100
58 54.4 24.6 73.8

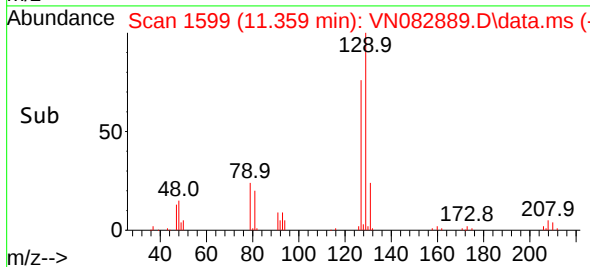
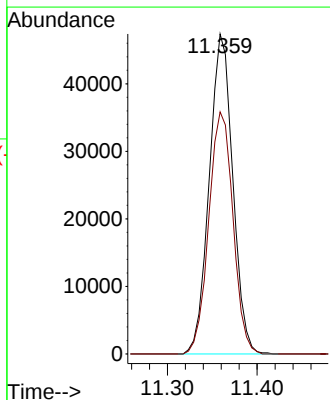
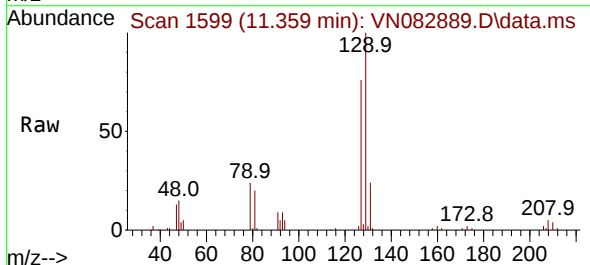
Manual Integrations
APPROVED

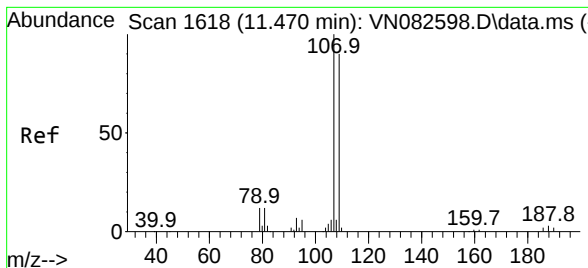
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#60
Dibromochloromethane
Concen: 49.703 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

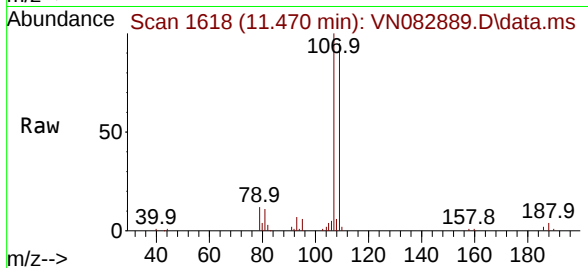
Tgt Ion:129 Resp: 86123
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 50.146 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

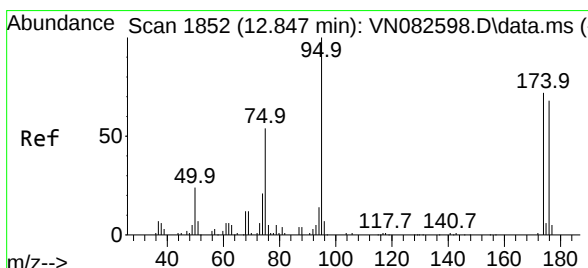
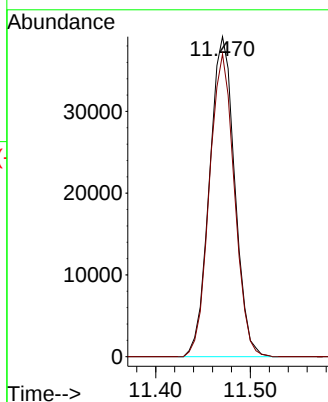
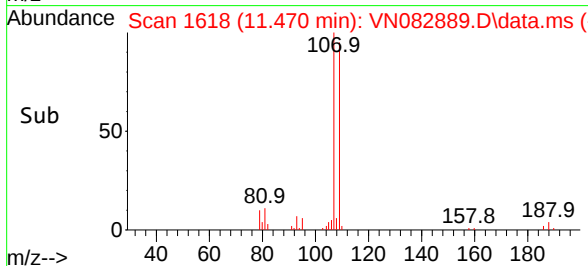
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



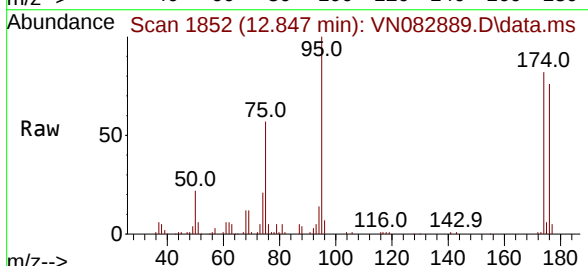
Tgt Ion:107 Resp: 7244
Ion Ratio Lower Upper
107 100
109 93.6 73.7 110.5

Manual Integrations
APPROVED

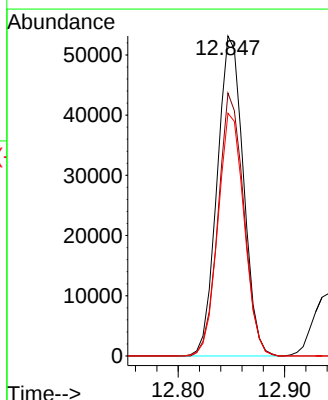
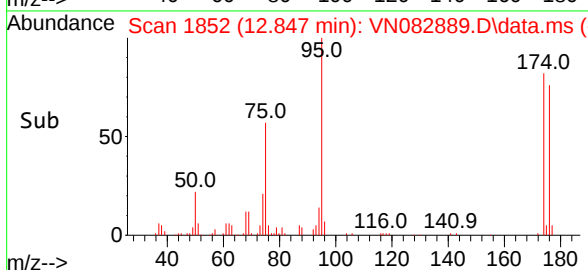
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

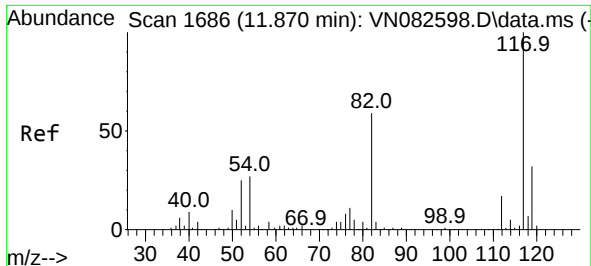


#62
4-Bromofluorobenzene
Concen: 49.028 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43



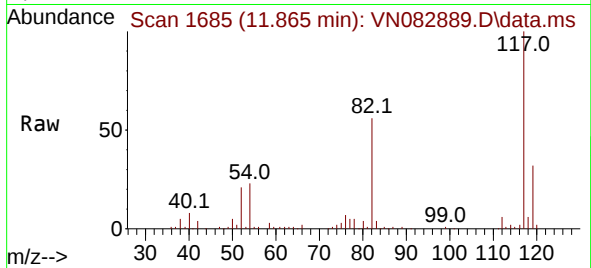
Tgt Ion: 95 Resp: 90837
Ion Ratio Lower Upper
95 100
174 80.1 0.0 159.2
176 75.8 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1168
Delta R.T. -0.005 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

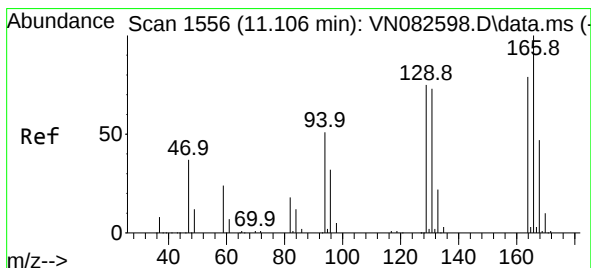
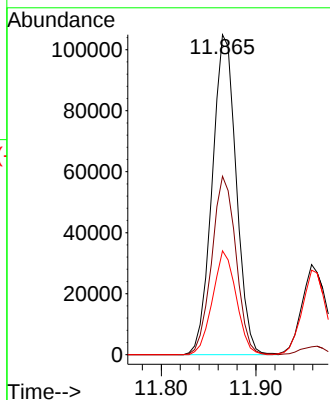
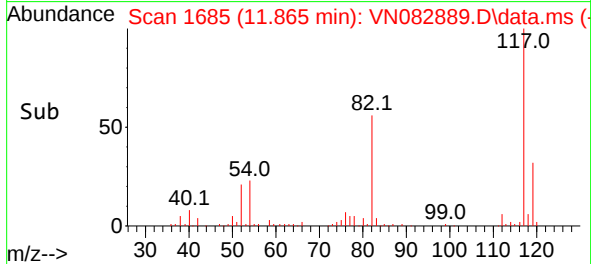
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 185104
Ion Ratio Lower Upper
117 100
82 55.8 47.5 71.3
119 32.5 25.6 38.4

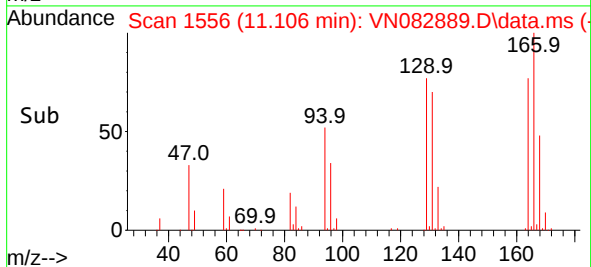
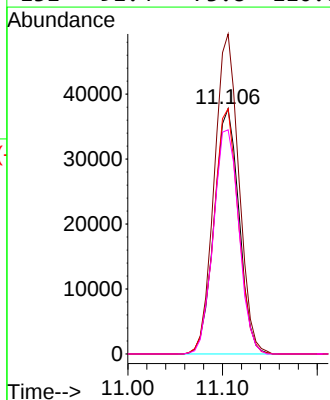
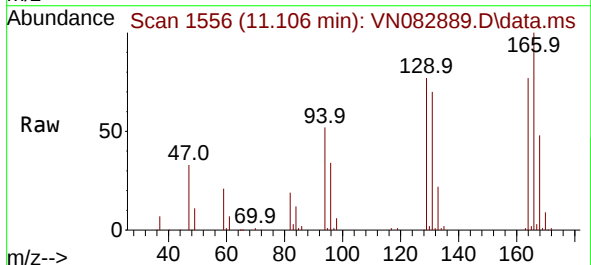
Manual Integrations
APPROVED

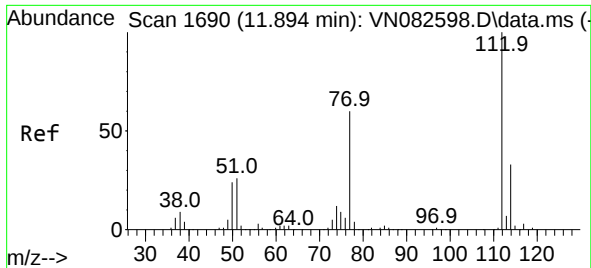
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#64
Tetrachloroethene
Concen: 49.900 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

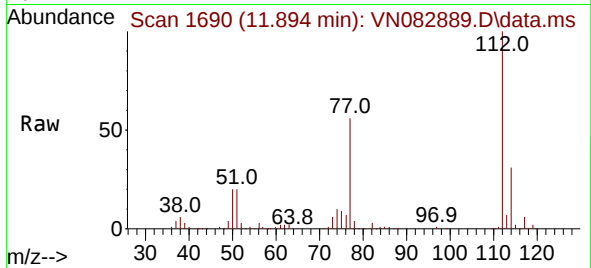
Tgt Ion:164 Resp: 68912
Ion Ratio Lower Upper
164 100
166 130.5 101.4 152.0
129 100.0 75.7 113.5
131 91.4 73.8 110.6





#65
Chlorobenzene
Concen: 52.671 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

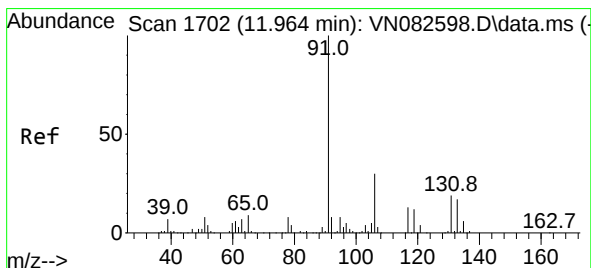
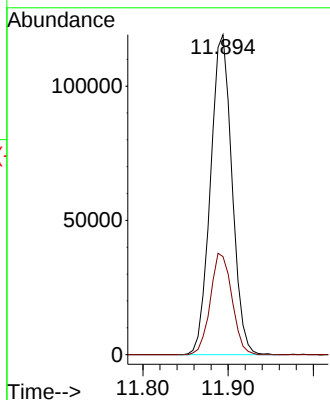
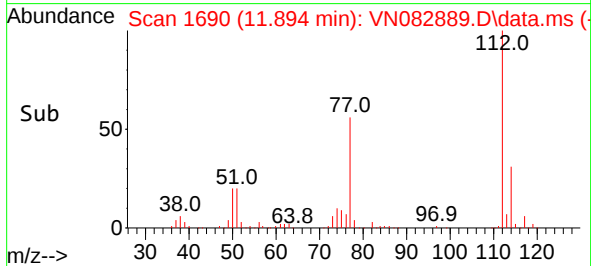
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 208920
Ion Ratio Lower Upper
112 100
114 30.6 26.2 39.2

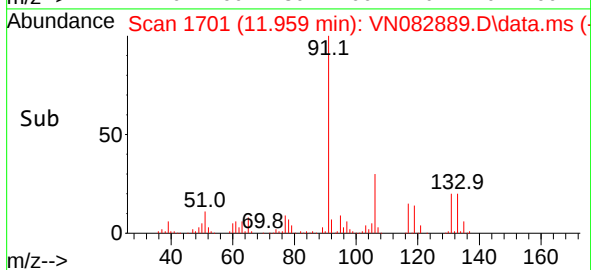
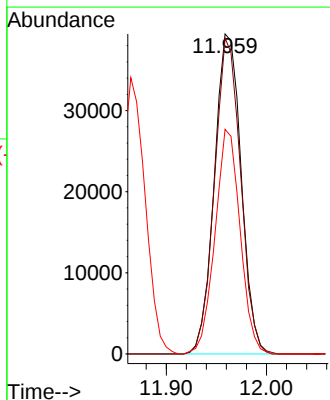
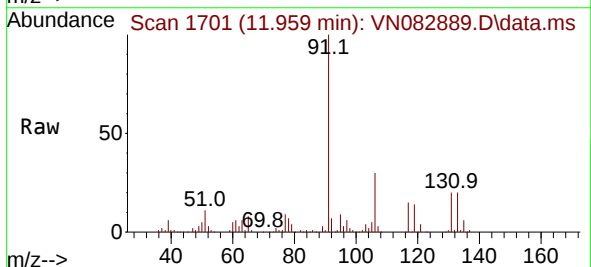
Manual Integrations
APPROVED

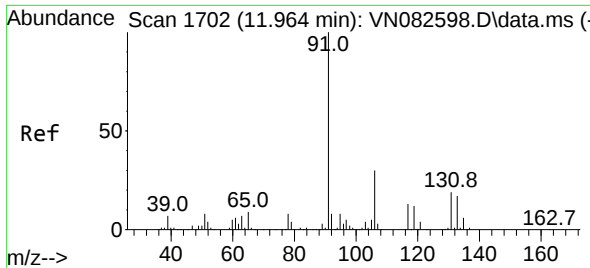
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.952 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

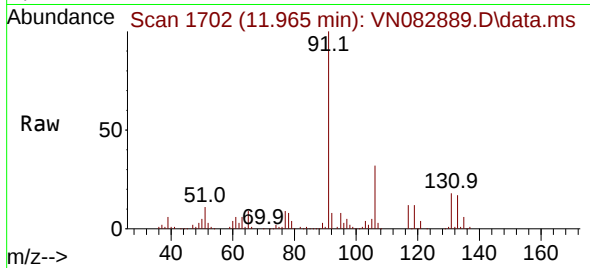
Tgt Ion:131 Resp: 73298
Ion Ratio Lower Upper
131 100
133 96.1 47.3 142.0
119 65.9 32.5 97.4





#67
Ethyl Benzene
Concen: 54.380 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

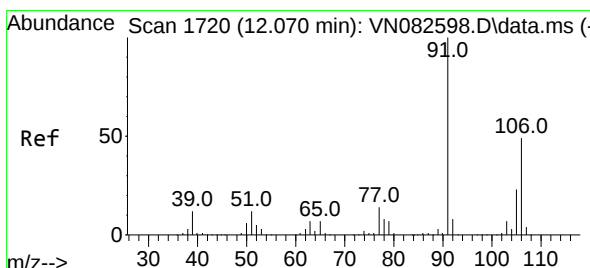
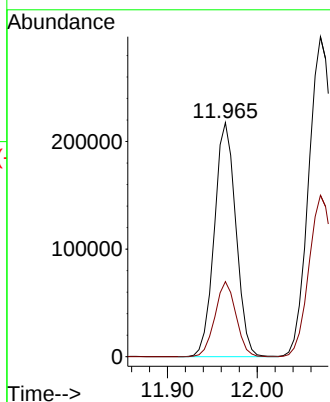
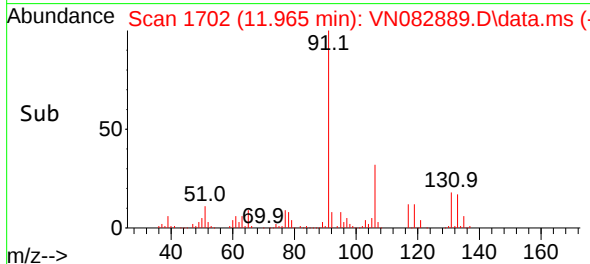
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



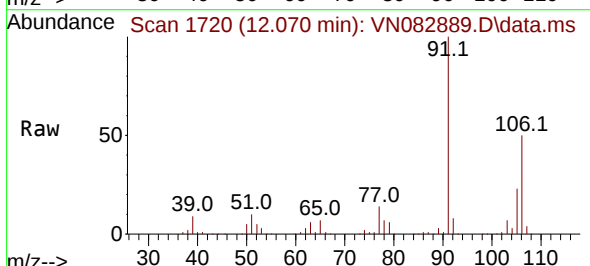
Tgt Ion: 91 Resp: 36252
Ion Ratio Lower Upper
91 100
106 32.1 24.0 36.0

Manual Integrations
APPROVED

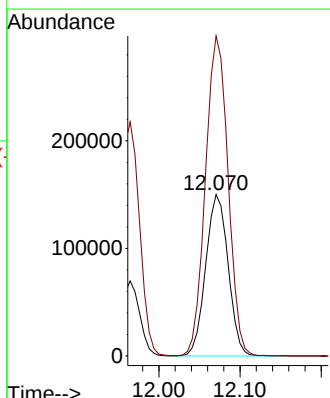
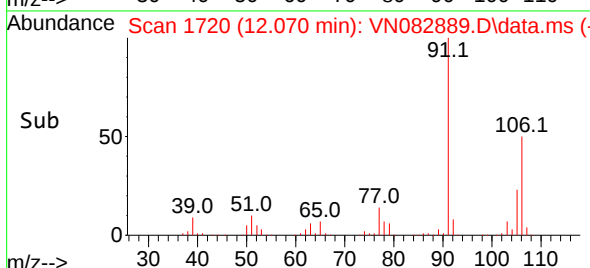
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

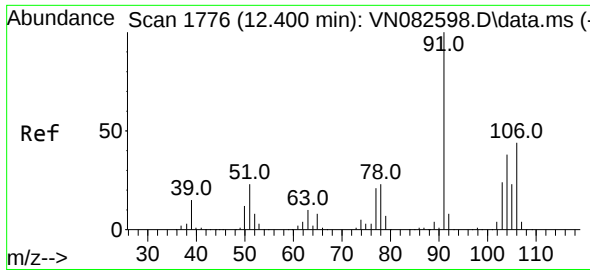


#68
m/p-Xylenes
Concen: 114.430 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43



Tgt Ion:106 Resp: 288003
Ion Ratio Lower Upper
106 100
91 199.6 166.1 249.1





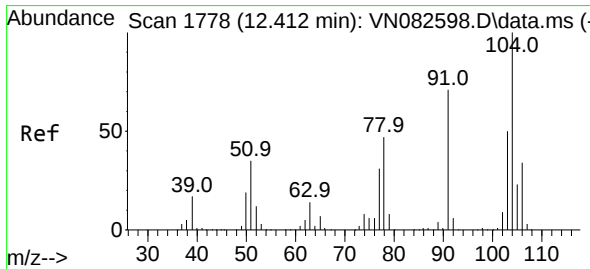
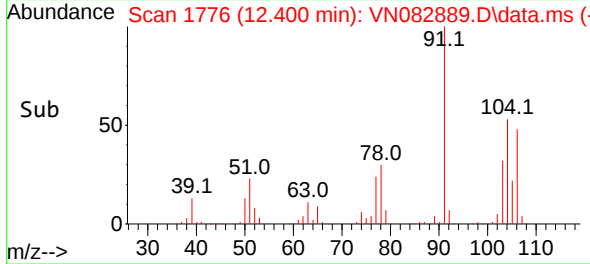
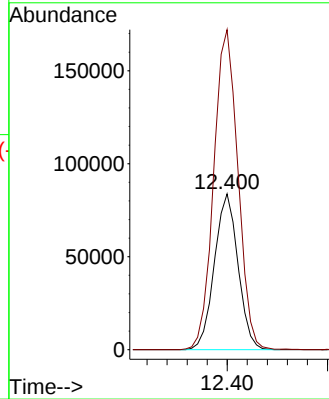
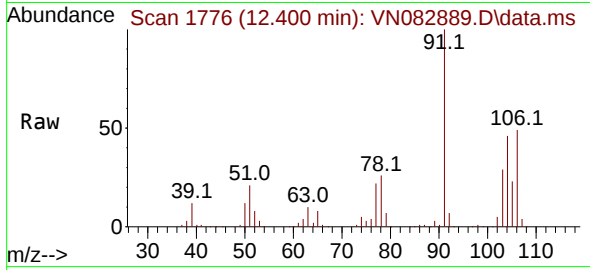
#69
o-Xylene
Concen: 56.835 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 137064
Ion Ratio Lower Upper
106 100
91 210.6 111.3 333.9

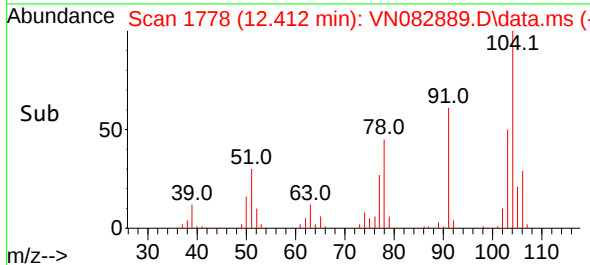
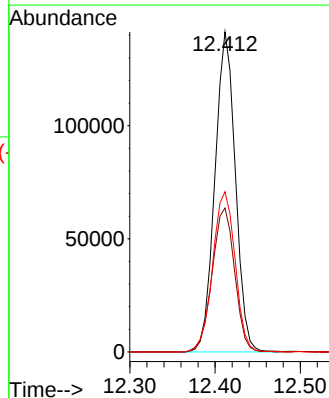
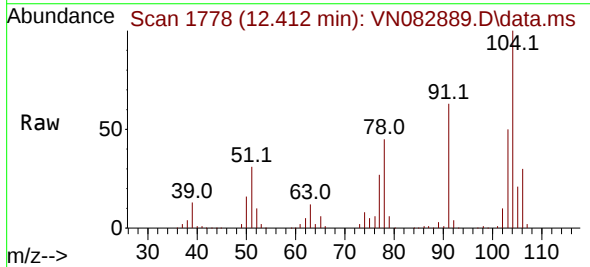
Manual Integrations
APPROVED

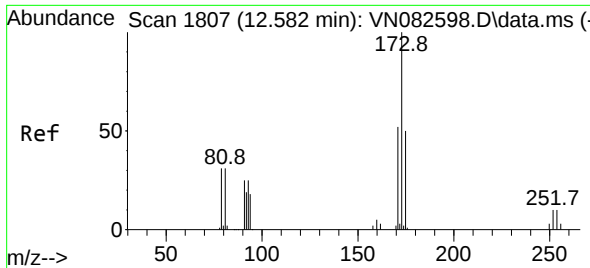
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#70
Styrene
Concen: 59.483 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

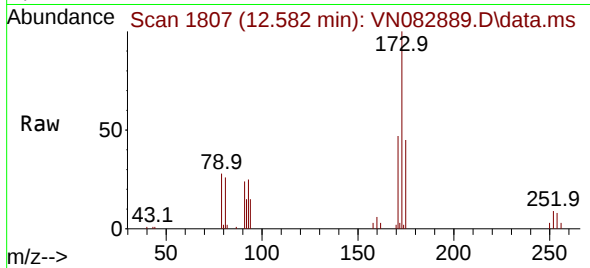
Tgt Ion:104 Resp: 237019
Ion Ratio Lower Upper
104 100
78 49.3 41.6 62.4
103 54.8 44.0 66.0





#71
Bromoform
Concen: 53.978 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

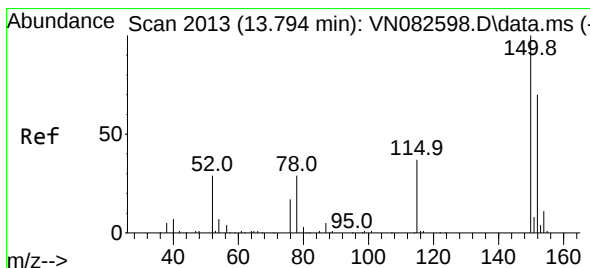
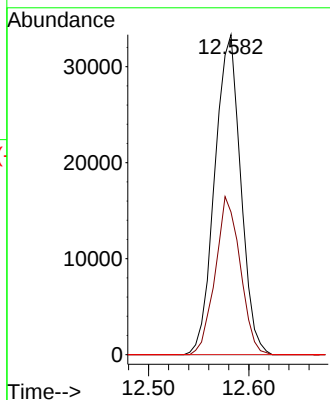
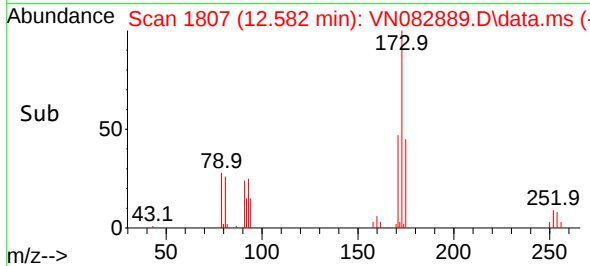
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 59892
Ion Ratio Lower Upper
173 100
175 47.5 24.0 72.0
254 0.0 0.0 0.0

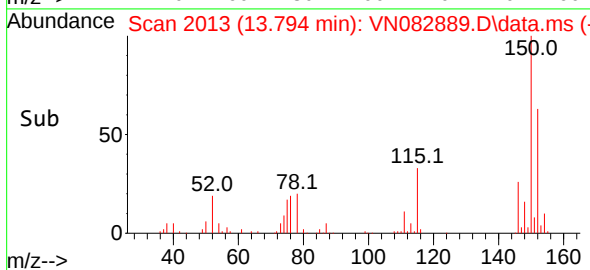
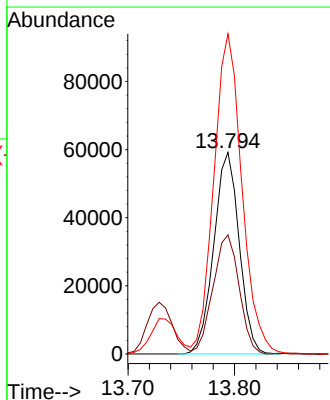
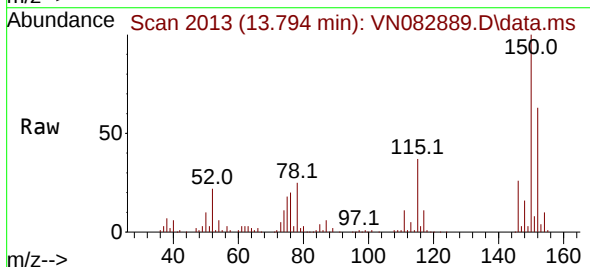
Manual Integrations
APPROVED

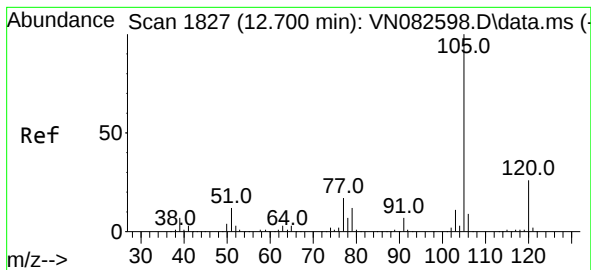
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Tgt Ion:152 Resp: 97979
Ion Ratio Lower Upper
152 100
115 60.7 30.6 91.6
150 175.2 0.0 348.6





#73

Isopropylbenzene

Concen: 48.480 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN082889.D

Acq: 12 Jul 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 34516

Ion Ratio Lower Upper

105 100

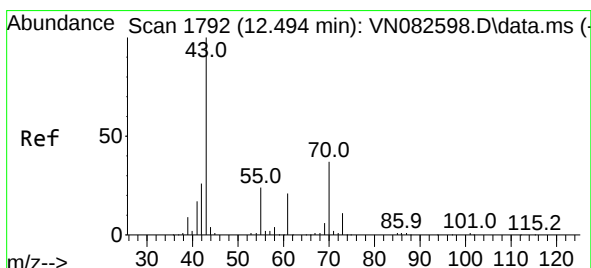
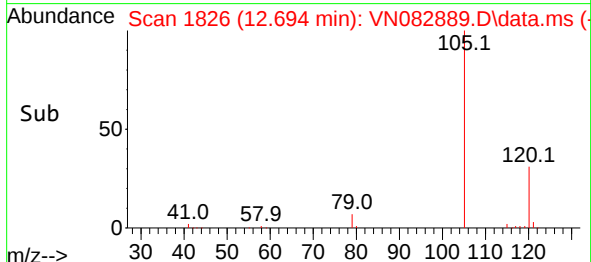
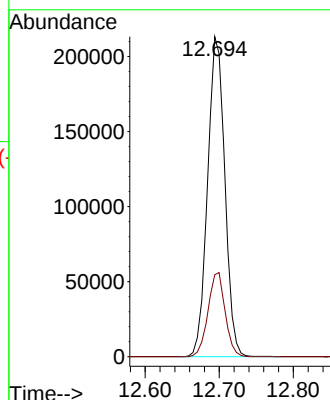
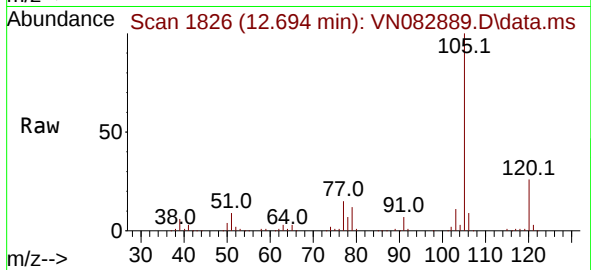
120 26.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#74

N-ethyl acetate

Concen: 48.425 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN082889.D

Acq: 12 Jul 2024 10:43

Tgt Ion: 43 Resp: 142609

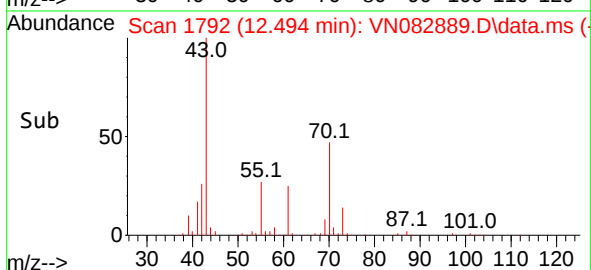
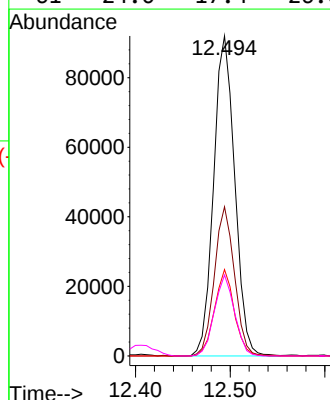
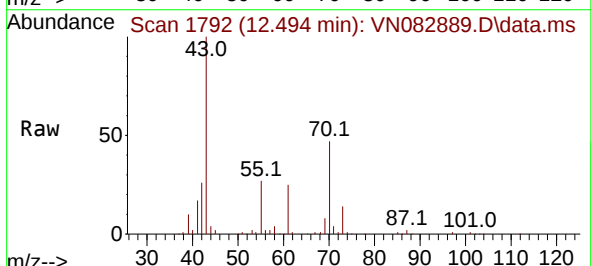
Ion Ratio Lower Upper

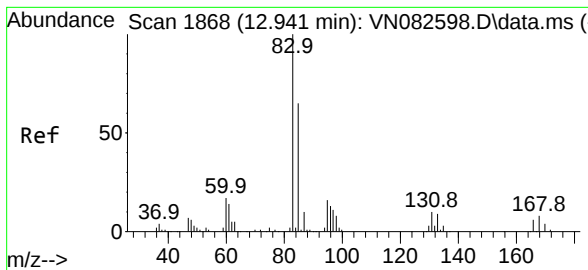
43 100

70 44.4 29.8 44.6

55 25.3 18.7 28.1

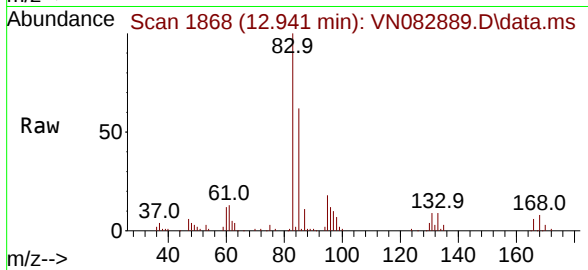
61 24.0 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 47.322 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

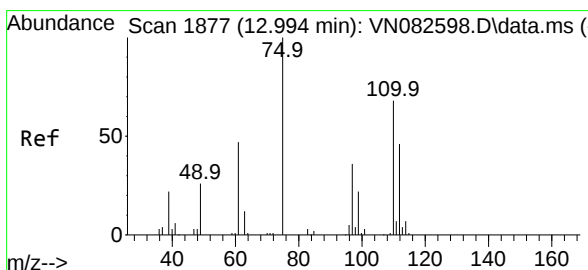
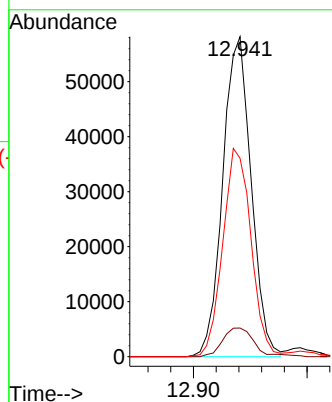
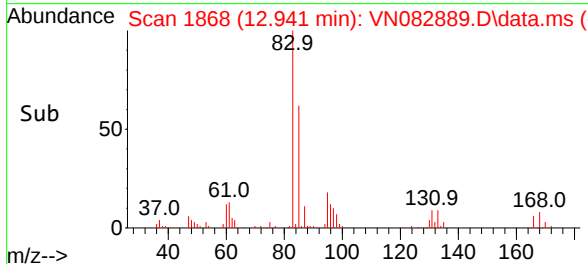
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 10090
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.8 31.9 95.7

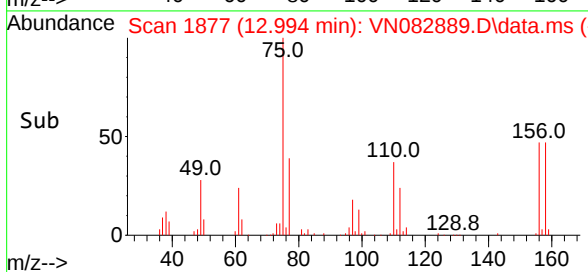
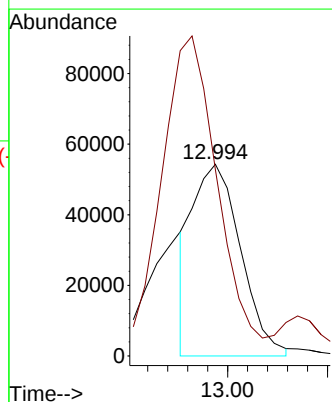
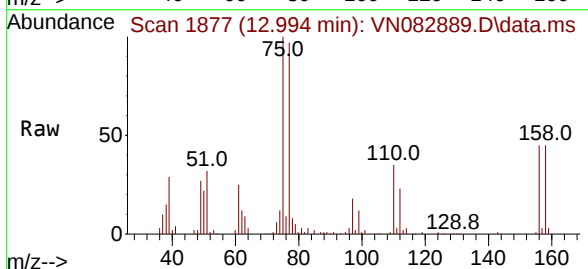
Manual Integrations
APPROVED

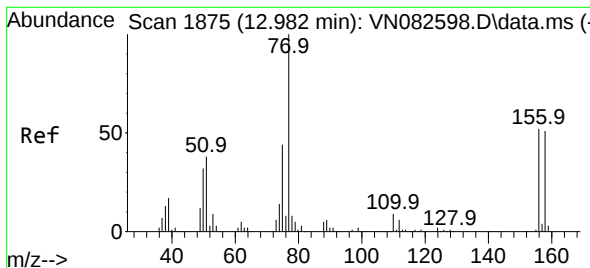
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#76
1,2,3-Trichloropropane
Concen: 53.815 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Tgt Ion: 75 Resp: 90905
Ion Ratio Lower Upper
75 100
77 195.9 110.9 332.6





#77

Bromobenzene

Concen: 47.303 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN082889.D

Acq: 12 Jul 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

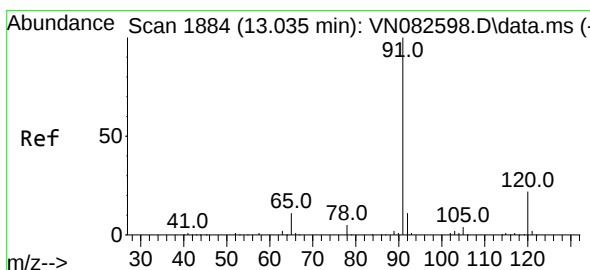
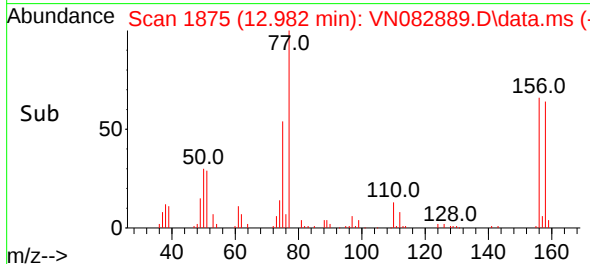
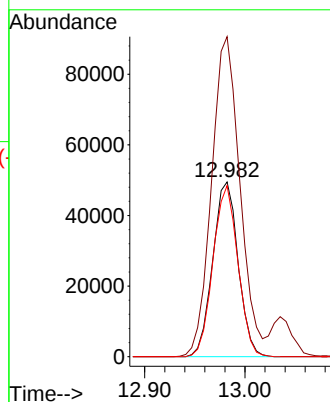
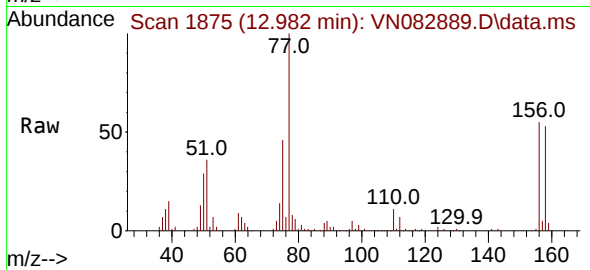
Tgt Ion:156 Resp: 86882
 Ion Ratio Lower Upper
 156 100
 77 205.0 111.3 333.8
 158 96.0 48.3 144.9

Manual Integrations

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Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#78

n-propylbenzene

Concen: 50.017 ug/l

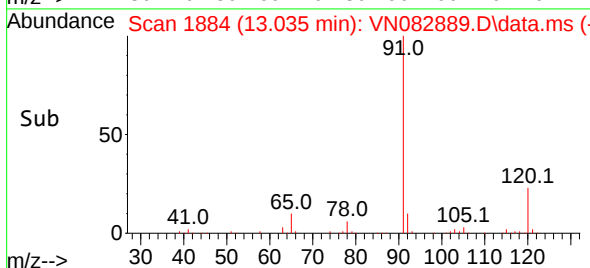
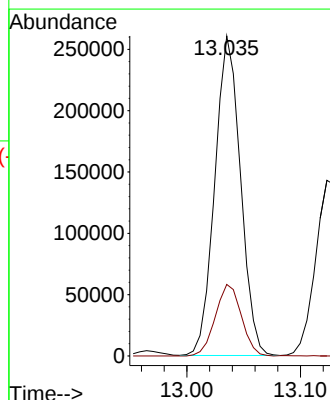
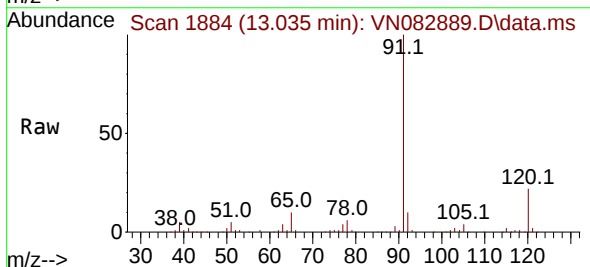
RT: 13.035 min Scan# 1884

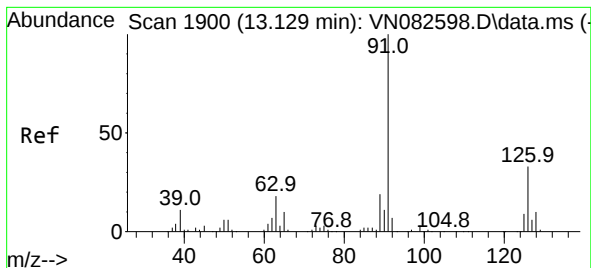
Delta R.T. 0.000 min

Lab File: VN082889.D

Acq: 12 Jul 2024 10:43

Tgt Ion: 91 Resp: 409437
 Ion Ratio Lower Upper
 91 100
 120 22.7 10.9 32.9





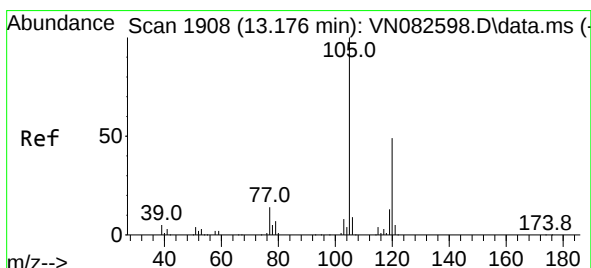
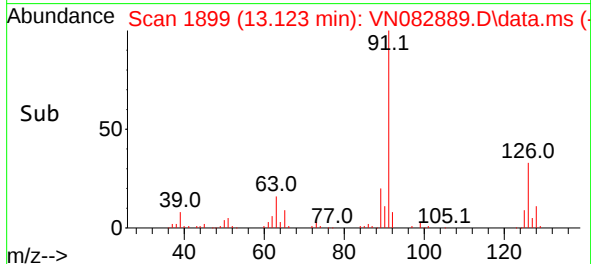
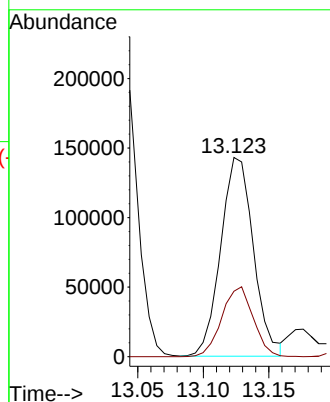
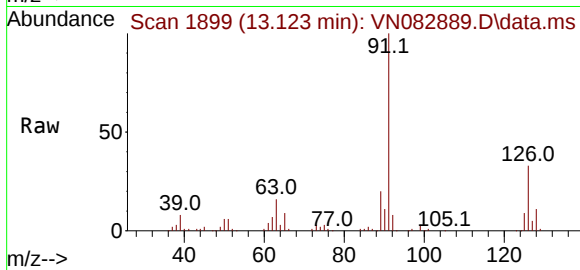
#79
2-Chlorotoluene
Concen: 47.662 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 248589
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.6

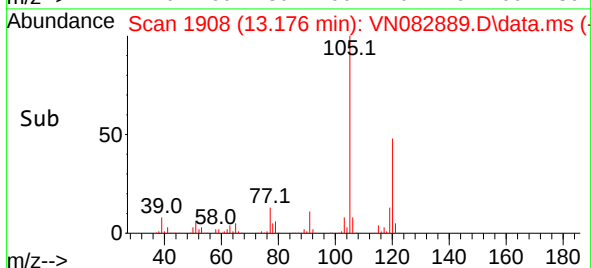
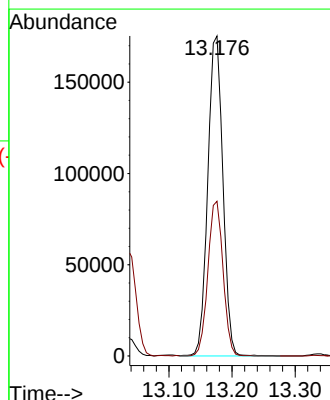
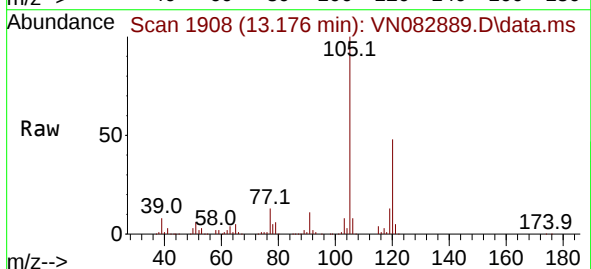
Manual Integrations
APPROVED

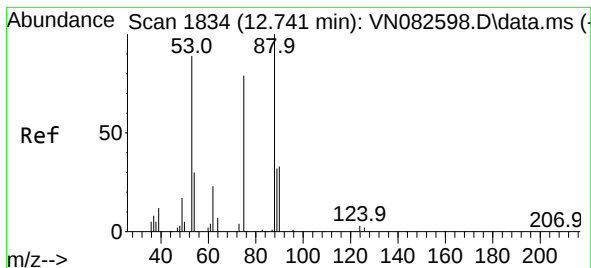
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.508 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

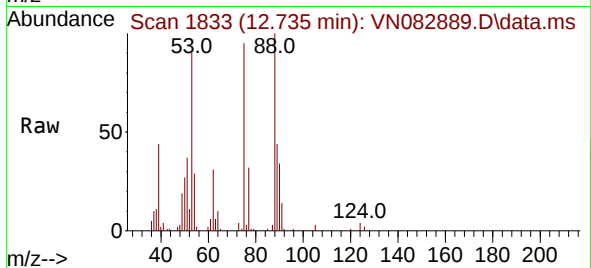
Tgt Ion:105 Resp: 290672
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.985 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

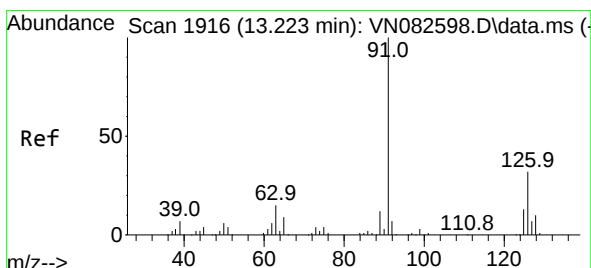
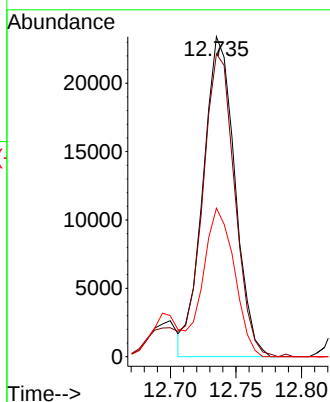
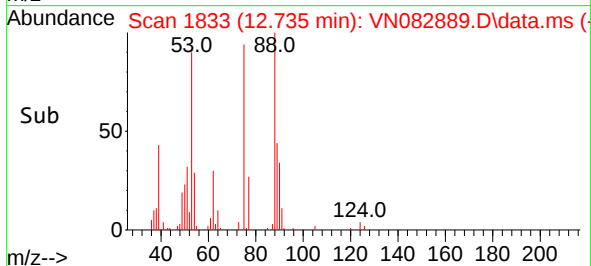
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 3949
Ion Ratio Lower Upper
75 100
53 104.5 88.4 132.6
89 45.2 36.3 54.5

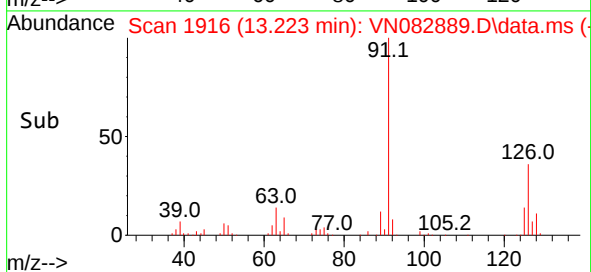
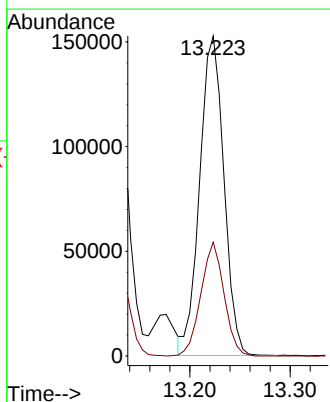
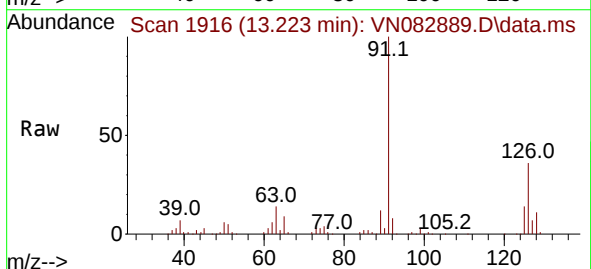
Manual Integrations
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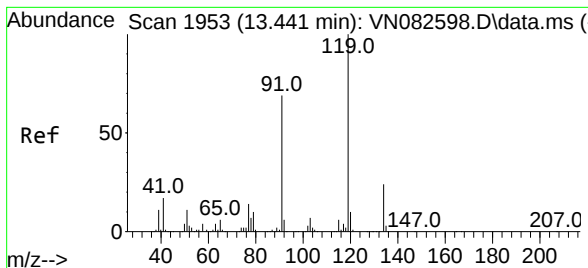
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#82
4-Chlorotoluene
Concen: 49.586 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

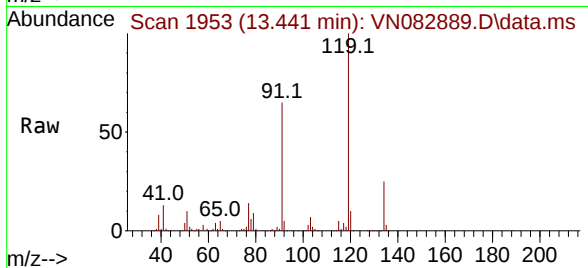
Tgt Ion: 91 Resp: 255987
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.6





#83
tert-Butylbenzene
Concen: 49.086 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

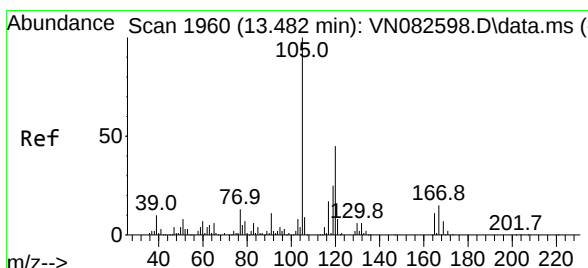
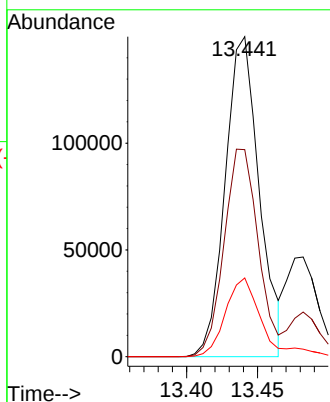
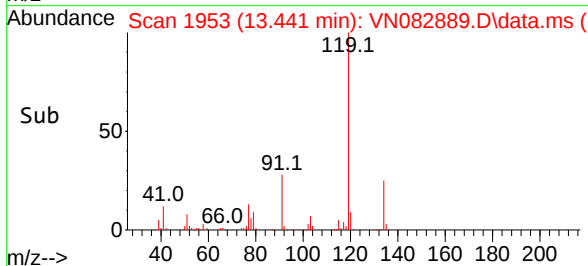
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



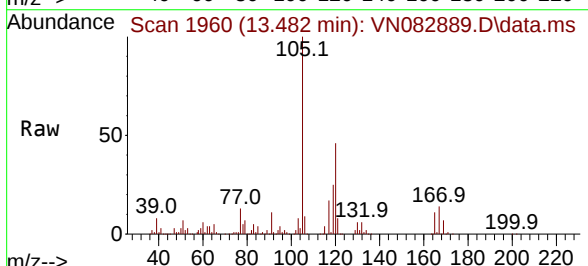
Tgt Ion:119 Resp: 250439
Ion Ratio Lower Upper
119 100
91 65.1 35.0 105.1
134 26.2 13.3 39.8

Manual Integrations
APPROVED

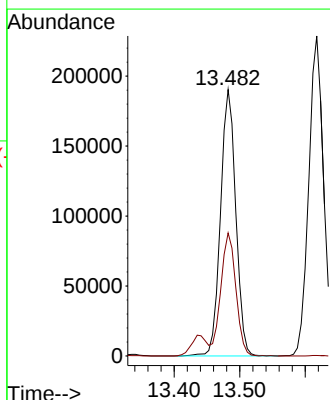
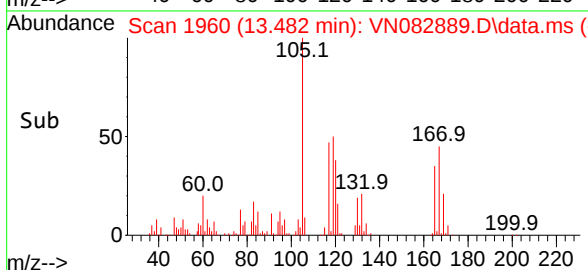
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

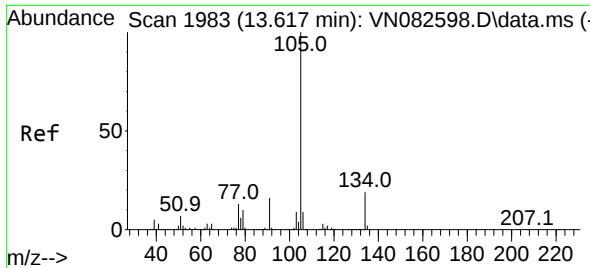


#84
1,2,4-Trimethylbenzene
Concen: 52.246 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43



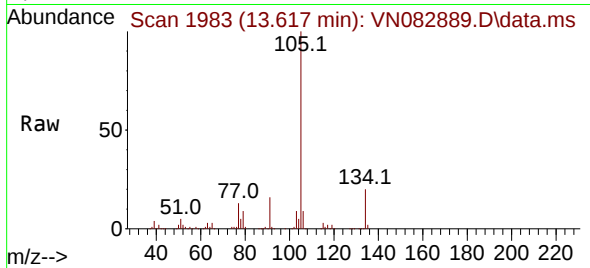
Tgt Ion:105 Resp: 306455
Ion Ratio Lower Upper
105 100
120 45.7 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 51.994 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082889.D
 Acq: 12 Jul 2024 10:43

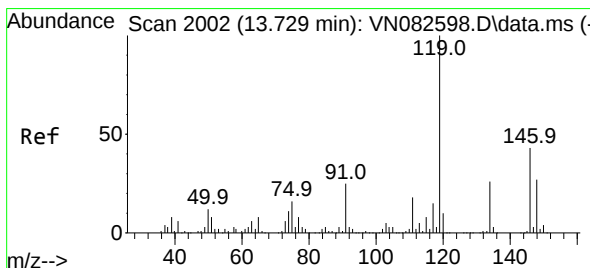
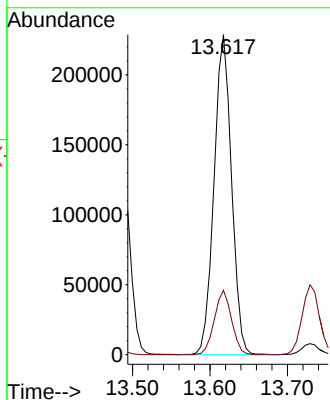
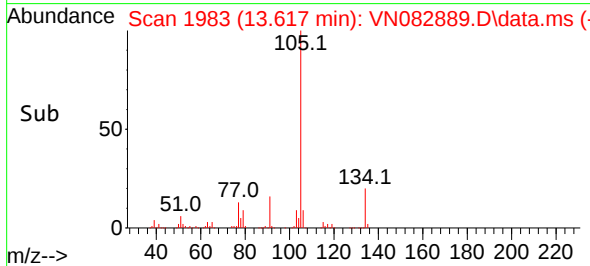
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



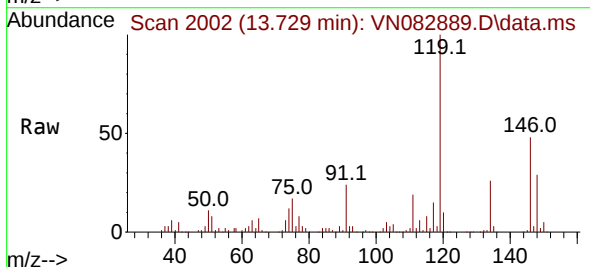
Tgt Ion:105 Resp: 358478
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
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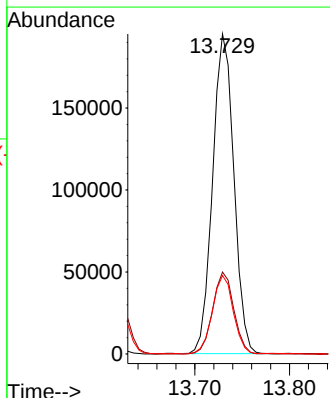
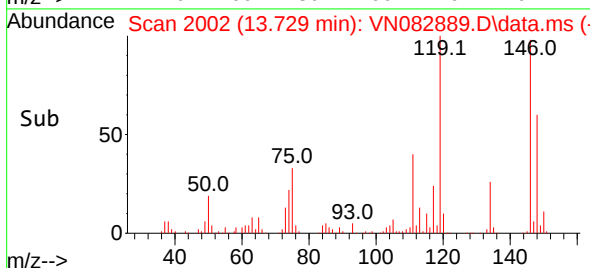
Reviewed By :John Carlone 07/15/2024
 Supervised By :Mahesh Dadoda 07/15/2024

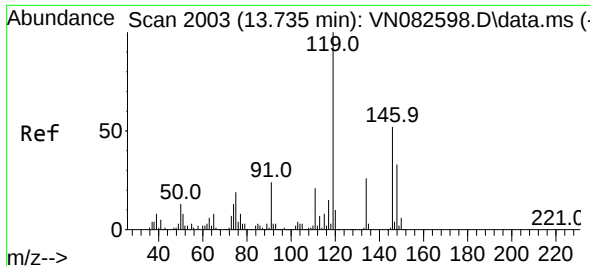


#86
 p-Isopropyltoluene
 Concen: 52.730 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN082889.D
 Acq: 12 Jul 2024 10:43



Tgt Ion:119 Resp: 303321
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.3 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 51.178 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

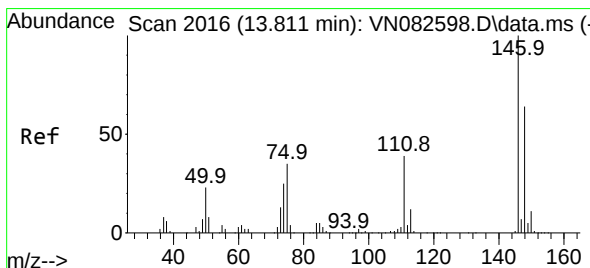
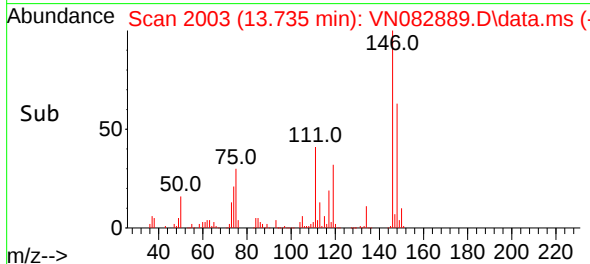
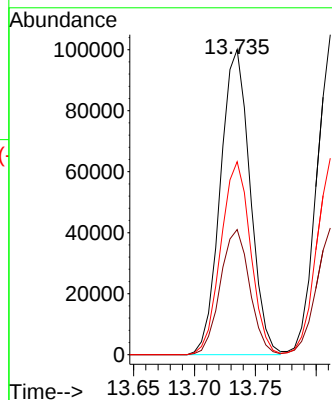
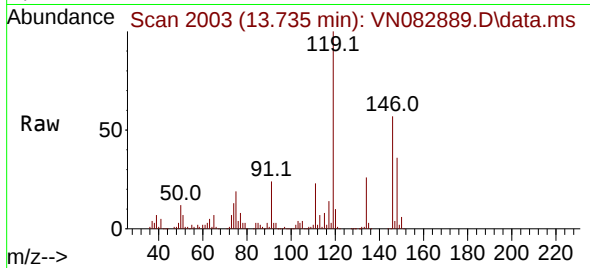
Tgt Ion:146 Resp: 169809
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.9
148 63.2 31.8 95.3

Manual Integrations

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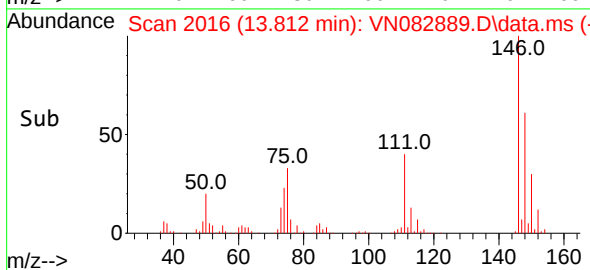
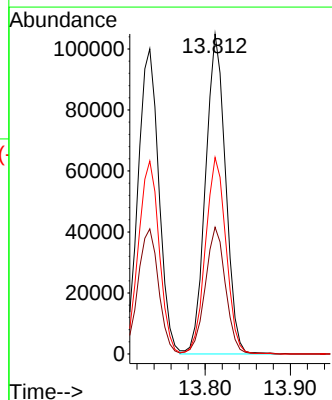
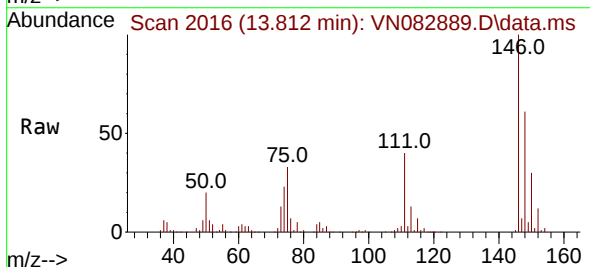
Reviewed By :John Carlone 07/15/2024

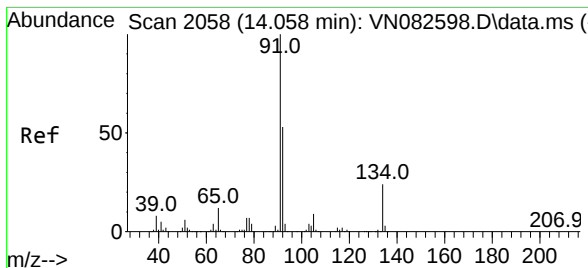
Supervised By :Mahesh Dadoda 07/15/2024



#88
1,4-Dichlorobenzene
Concen: 49.888 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.001 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Tgt Ion:146 Resp: 171186
Ion Ratio Lower Upper
146 100
111 39.5 20.1 60.3
148 63.0 32.2 96.6





#89

n-Butylbenzene

Concen: 52.159 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082889.D

Acq: 12 Jul 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

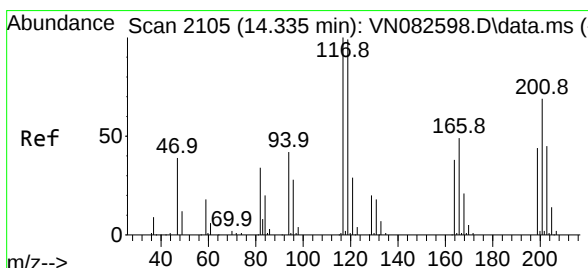
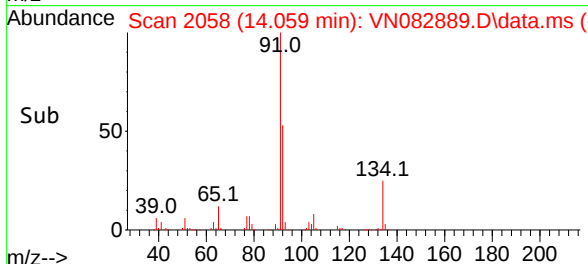
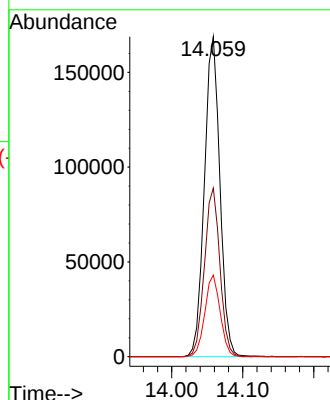
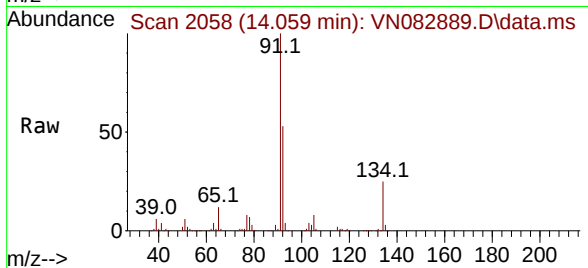
Tgt Ion: 91 Resp: 257048
 Ion Ratio Lower Upper
 91 100
 92 52.5 26.1 78.3
 134 25.2 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2024

Supervised By :Mahesh Dadoda 07/15/2024



#90

Hexachloroethane

Concen: 49.012 ug/l

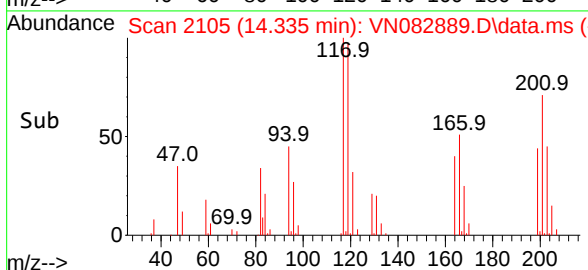
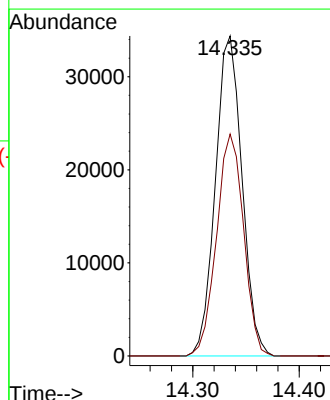
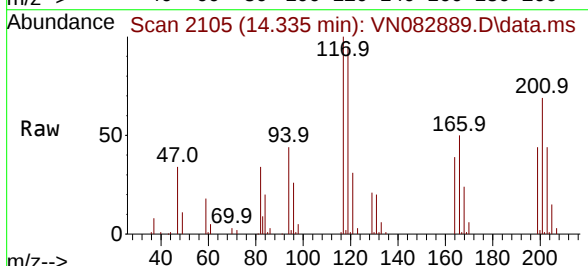
RT: 14.335 min Scan# 2105

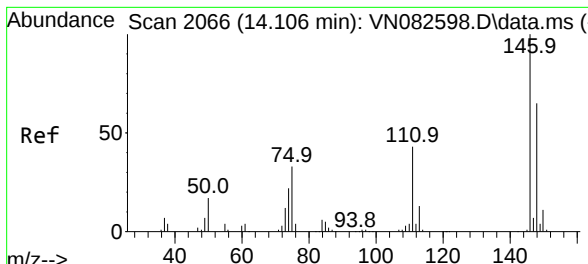
Delta R.T. 0.000 min

Lab File: VN082889.D

Acq: 12 Jul 2024 10:43

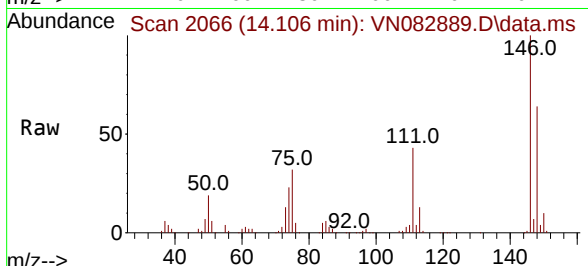
Tgt Ion:117 Resp: 59655
 Ion Ratio Lower Upper
 117 100
 201 70.5 35.8 107.3





#91
1,2-Dichlorobenzene
Concen: 50.395 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

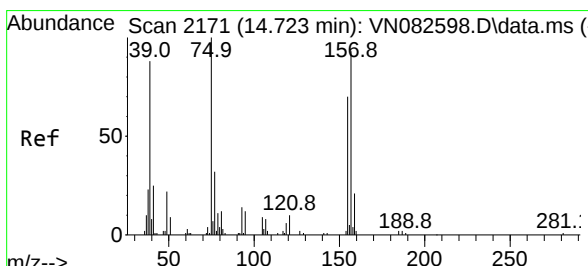
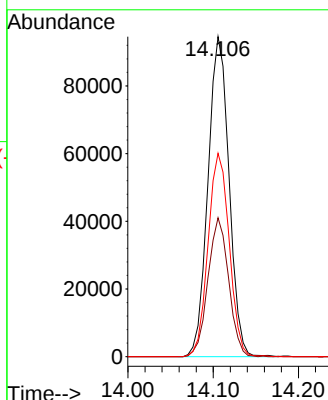
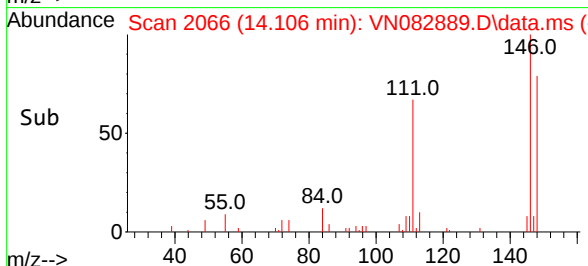
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



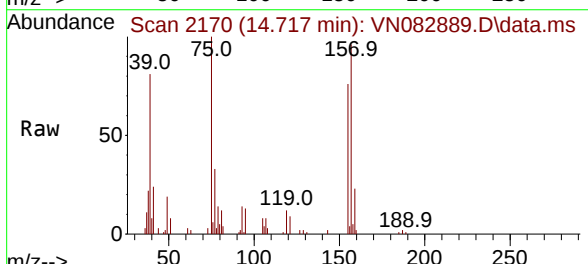
Tgt Ion:146 Resp: 162350
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.2
148 63.8 32.1 96.5

Manual Integrations
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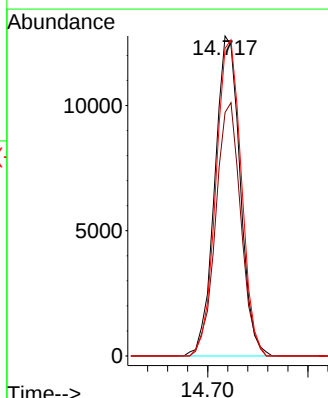
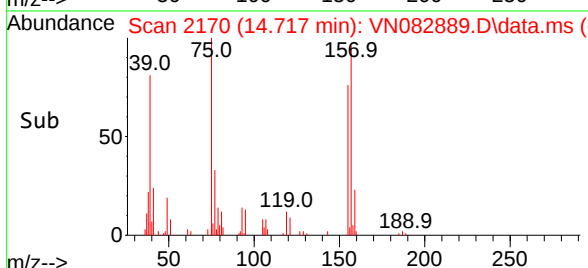
Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024

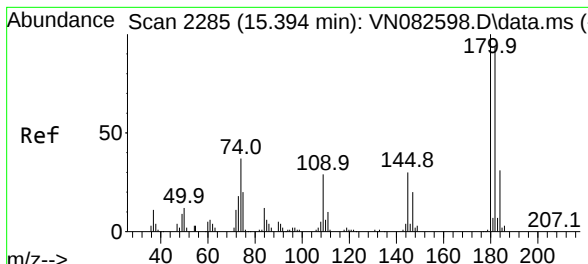


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.383 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43



Tgt Ion: 75 Resp: 22387
Ion Ratio Lower Upper
75 100
155 78.3 36.6 109.8
157 99.0 46.9 140.6





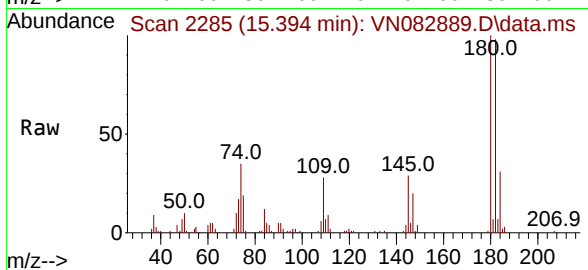
#93
1,2,4-Trichlorobenzene
Concen: 47.879 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



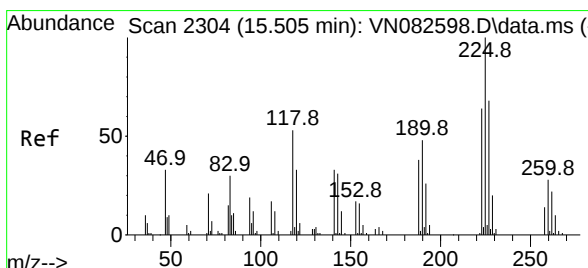
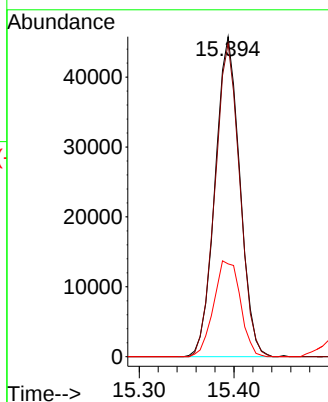
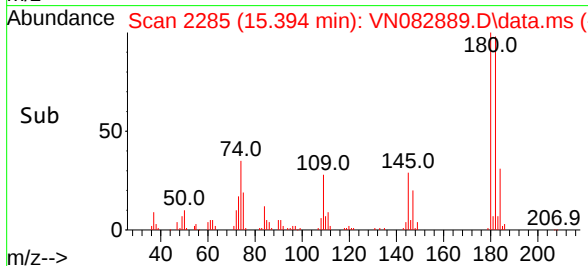
Tgt Ion:180 Resp: 83085
Ion Ratio Lower Upper
180 100
182 97.7 47.3 141.8
145 32.3 15.7 47.1

Manual Integrations

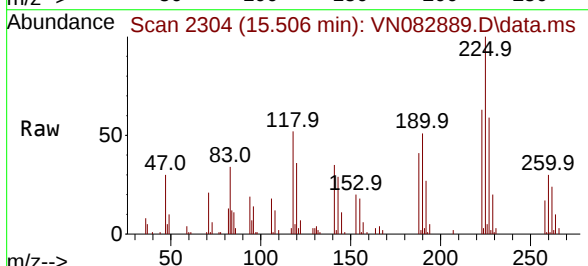
APPROVED

Reviewed By :John Carlone 07/15/2024

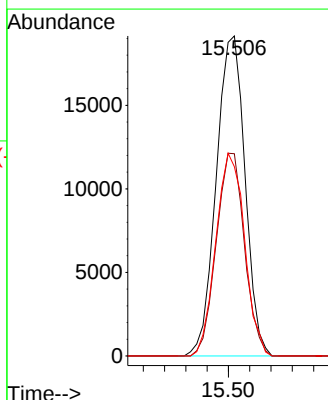
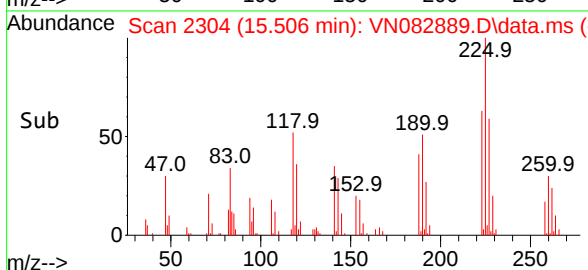
Supervised By :Mahesh Dadoda 07/15/2024

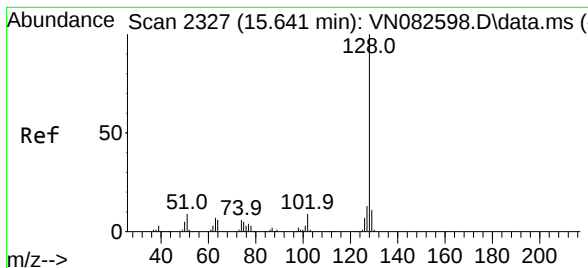


#94
Hexachlorobutadiene
Concen: 46.628 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.001 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43



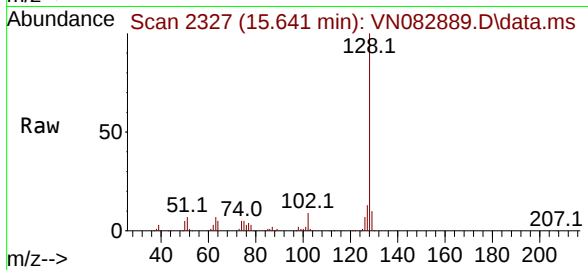
Tgt Ion:225 Resp: 35870
Ion Ratio Lower Upper
225 100
223 62.2 31.9 95.7
227 63.3 32.5 97.5





#95
Naphthalene
Concen: 47.199 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

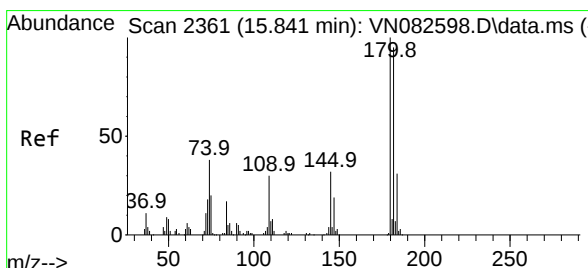
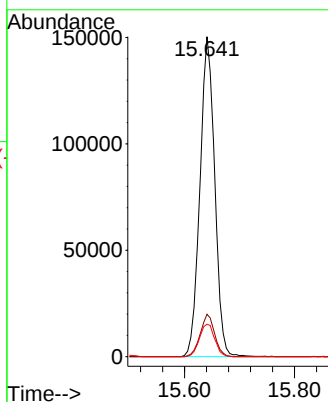
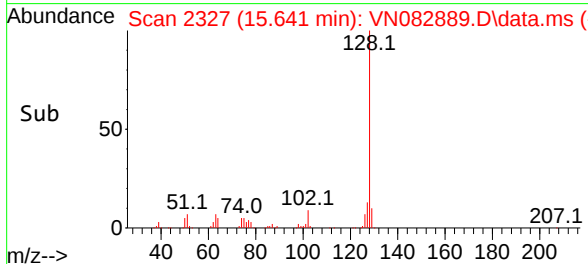
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 280529
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/15/2024
Supervised By :Mahesh Dadoda 07/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 47.617 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082889.D
Acq: 12 Jul 2024 10:43

Tgt Ion:180 Resp: 84959
Ion Ratio Lower Upper
180 100
182 97.6 48.9 146.8
145 34.1 16.8 50.4

