

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082929.D
 Acq On : 16 Jul 2024 12:03
 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 07/17/2024
 Supervised By : Mahesh Dadoda 07/17/2024

Quant Time: Jul 17 00:51:32 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	8.230	168	107460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	180253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	173075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	71705	47.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.200%		
35) Dibromofluoromethane	8.165	113	55808	48.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.500%		
50) Toluene-d8	10.571	98	212839	49.822	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.640%		
62) 4-Bromofluorobenzene	12.853	95	74304	48.421	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	96.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	68622	49.324	ug/l	97
3) Chloromethane	2.359	50	61659	46.733	ug/l	100
4) Vinyl Chloride	2.512	62	76571	55.259	ug/l	98
5) Bromomethane	2.930	94	54610	54.660	ug/l	100
6) Chloroethane	3.100	64	54072	57.024	ug/l	97
7) Trichlorofluoromethane	3.483	101	99753	50.052	ug/l	94
8) Diethyl Ether	3.959	74	34724	50.909	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.365	101	60238	53.403	ug/l	97
10) Methyl Iodide	4.583	142	51729	44.731	ug/l #	97
11) Tert butyl alcohol	5.536	59	65491	258.487	ug/l	100
12) 1,1-Dichloroethene	4.330	96	53295	48.583	ug/l	86
13) Acrolein	4.183	56	48118	263.053	ug/l	99
14) Allyl chloride	5.012	41	80121	46.843	ug/l #	96
15) Acrylonitrile	5.724	53	165695	284.568	ug/l	99
16) Acetone	4.430	43	135924	256.289	ug/l	95
17) Carbon Disulfide	4.706	76	146117	44.575	ug/l	100
18) Methyl Acetate	5.024	43	82756	58.970	ug/l #	89
19) Methyl tert-butyl Ether	5.800	73	196439	51.912	ug/l	100
20) Methylene Chloride	5.271	84	64004	49.971	ug/l #	82
21) trans-1,2-Dichloroethene	5.783	96	57922	48.730	ug/l	89
22) Diisopropyl ether	6.677	45	195593	54.660	ug/l #	96
23) Vinyl Acetate	6.606	43	775547	272.917	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	113791	52.425	ug/l	100
25) 2-Butanone	7.488	43	227905	284.594	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	108296	53.662	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	72320	51.970	ug/l	89
28) Bromochloromethane	7.818	49	43701	46.932	ug/l #	83
29) Tetrahydrofuran	7.847	42	149578	296.693	ug/l #	84
30) Chloroform	7.965	83	122738	53.302	ug/l	98
31) Cyclohexane	8.253	56	93765	47.611	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	109245	51.099	ug/l	97
36) 1,1-Dichloropropene	8.371	75	82984	52.037	ug/l	97
37) Ethyl Acetate	7.565	43	90628	55.821	ug/l	96
38) Carbon Tetrachloride	8.365	117	98093	51.088	ug/l	99
39) Methylcyclohexane	9.606	83	85725	49.766	ug/l	90
40) Benzene	8.606	78	264201	53.860	ug/l	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	46304	52.939	ug/l #	89
42) 1,2-Dichloroethane	8.677	62	93622	53.016	ug/l	98
43) Isopropyl Acetate	8.694	43	155873	50.975	ug/l #	93
44) Trichloroethene	9.353	130	61985	49.322	ug/l	98
45) 1,2-Dichloropropane	9.624	63	64380	56.216	ug/l	98
46) Dibromomethane	9.712	93	47639	53.396	ug/l	99
47) Bromodichloromethane	9.894	83	99855	54.167	ug/l	99
48) Methyl methacrylate	9.682	41	69683	54.737	ug/l #	86
49) 1,4-Dioxane	9.700	88	31745	1150.467	ug/l	91
51) 4-Methyl-2-Pentanone	10.447	43	496311	308.352	ug/l	94
52) Toluene	10.635	92	169881	55.440	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	103693	54.601	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	107294	53.376	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	65888	58.474	ug/l	97
56) Ethyl methacrylate	10.876	69	104899	59.838	ug/l	88
57) 1,3-Dichloropropane	11.165	76	112509	56.409	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	272412	302.837	ug/l	95
59) 2-Hexanone	11.200	43	386933	323.339	ug/l	92
60) Dibromochloromethane	11.365	129	79858	55.645	ug/l	98
61) 1,2-Dibromoethane	11.476	107	66817	55.839	ug/l	97
64) Tetrachloroethene	11.106	164	60004	46.469	ug/l	96
65) Chlorobenzene	11.894	112	188317	50.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	68338	51.803	ug/l	99
67) Ethyl Benzene	11.965	91	328116	52.640	ug/l	99
68) m/p-Xylenes	12.076	106	252841	107.441	ug/l	98
69) o-Xylene	12.400	106	119986	53.212	ug/l	97
70) Styrene	12.412	104	211287	56.710	ug/l	99
71) Bromoform	12.582	173	56394	54.358	ug/l #	100
73) Isopropylbenzene	12.700	105	303977	48.303	ug/l	98
74) N-amyl acetate	12.500	43	137060	52.653	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	98852	52.449	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	80517m	53.925	ug/l	
77) Bromobenzene	12.982	156	75764	46.667	ug/l	99
78) n-propylbenzene	13.041	91	372046	51.419	ug/l	100
79) 2-Chlorotoluene	13.129	91	221330	48.008	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	259432	51.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	43163	56.854	ug/l	92
82) 4-Chlorotoluene	13.223	91	226399	49.614	ug/l	96
83) tert-Butylbenzene	13.441	119	215637	47.816	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	265120	51.135	ug/l	97
85) sec-Butylbenzene	13.617	105	306309	50.263	ug/l	100
86) p-Isopropyltoluene	13.735	119	258842	50.908	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	145170	49.498	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	143498	47.311	ug/l	100
89) n-Butylbenzene	14.059	91	219639	50.422	ug/l	100
90) Hexachloroethane	14.335	117	51619	47.979	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	136662	47.992	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21441	49.173	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	69572	45.358	ug/l	99
94) Hexachlorobutadiene	15.506	225	29929	44.015	ug/l	98
95) Naphthalene	15.647	128	277269	52.778	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	70579	44.752	ug/l	98

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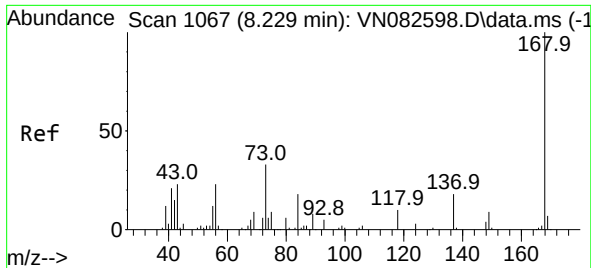
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

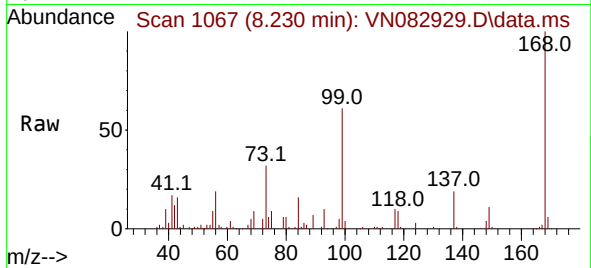
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082929.D
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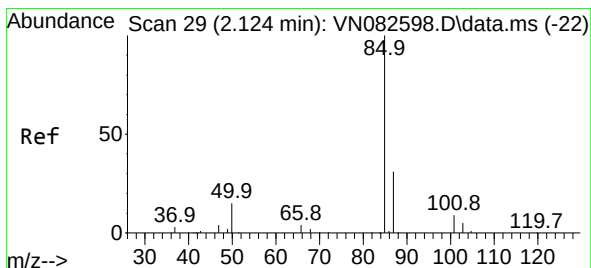
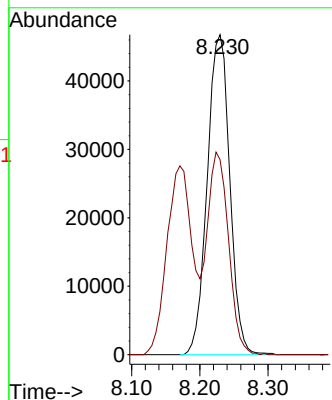
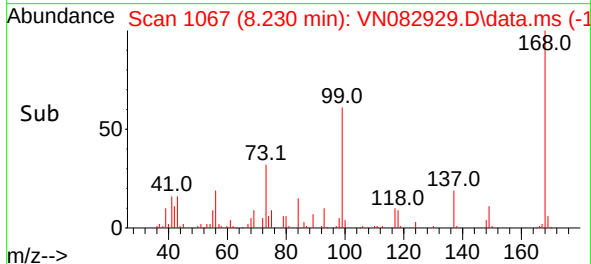
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 107460
Ion Ratio Lower Upper
168 100
99 61.0 48.2 72.4

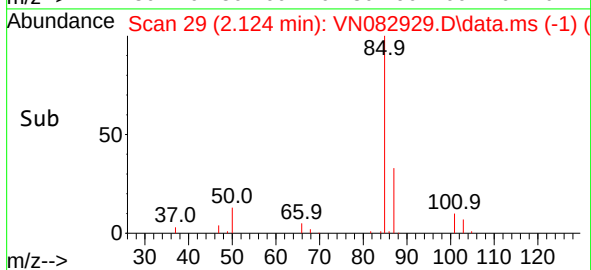
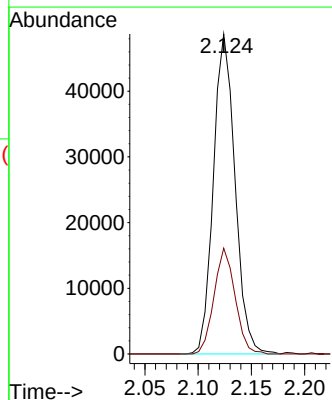
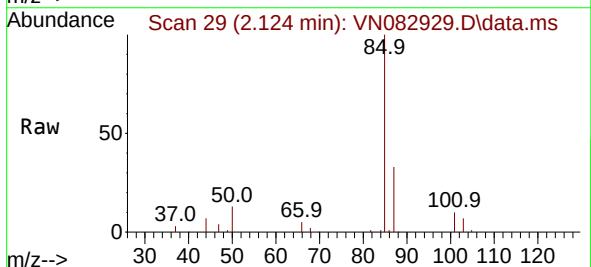
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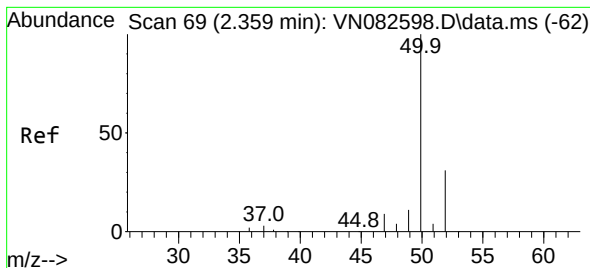
Reviewed By :John Carbone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#2
Dichlorodifluoromethane
Concen: 49.324 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

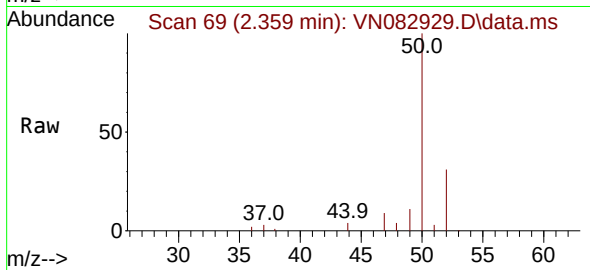
Tgt Ion: 85 Resp: 68622
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0





#3
Chloromethane
Concen: 46.733 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

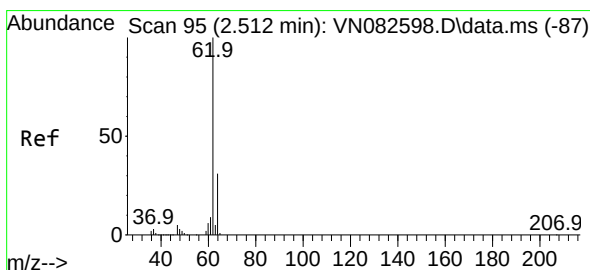
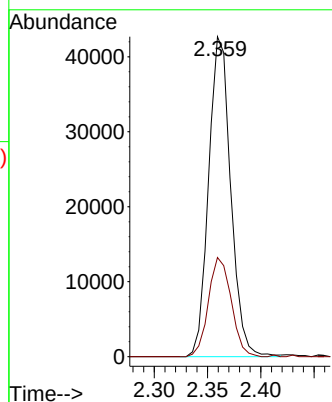
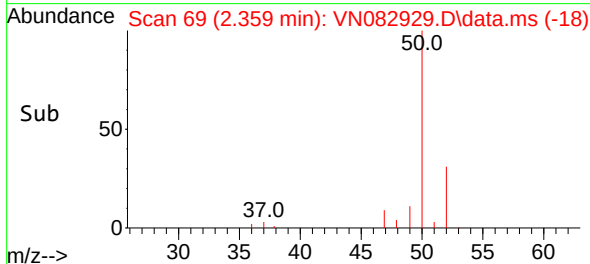
Instrument :
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Tgt Ion: 50 Resp: 61659
Ion Ratio Lower Upper
50 100
52 31.0 25.0 37.4

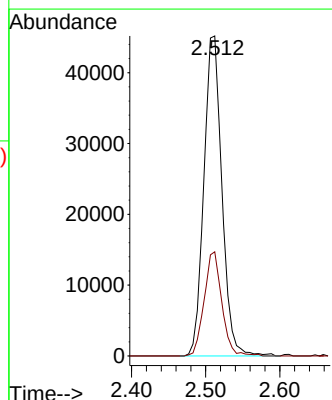
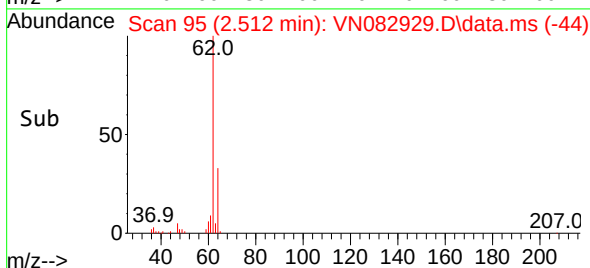
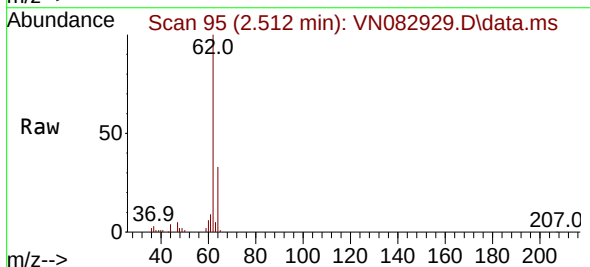
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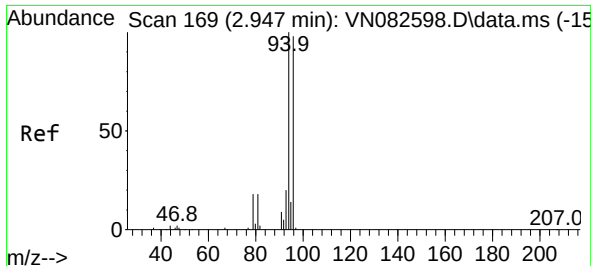
Reviewed By :John Carlone 07/17/2024
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#4
Vinyl Chloride
Concen: 55.259 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

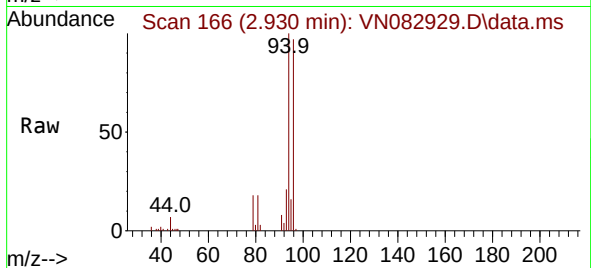
Tgt Ion: 62 Resp: 76571
Ion Ratio Lower Upper
62 100
64 32.6 25.0 37.6





#5
Bromomethane
Concen: 54.660 ug/l
RT: 2.930 min Scan# 10
Delta R.T. -0.017 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

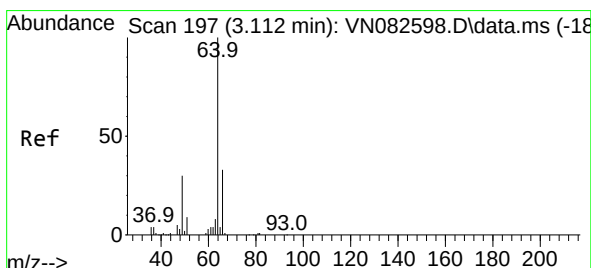
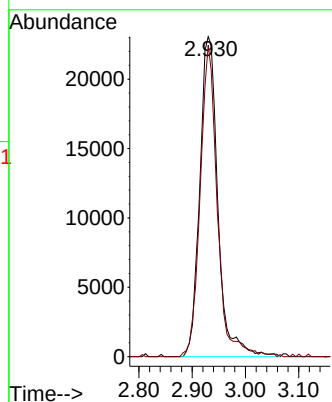
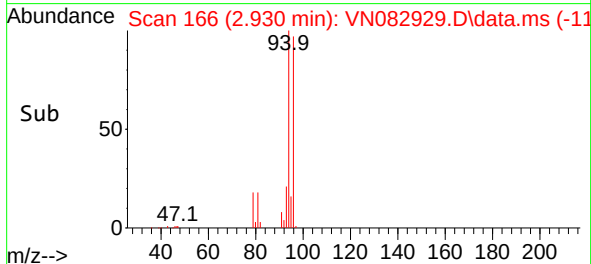
Instrument :
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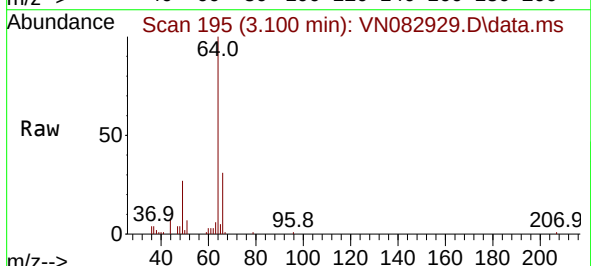
Tgt Ion: 94 Resp: 54610
Ion Ratio Lower Upper
94 100
96 97.3 78.0 117.0

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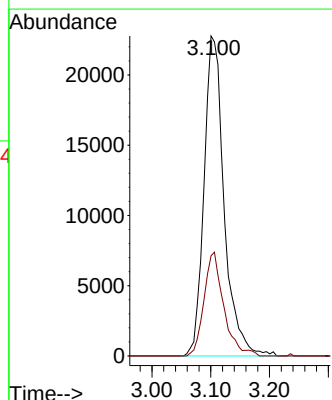
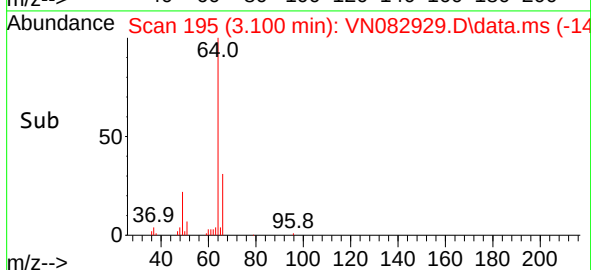
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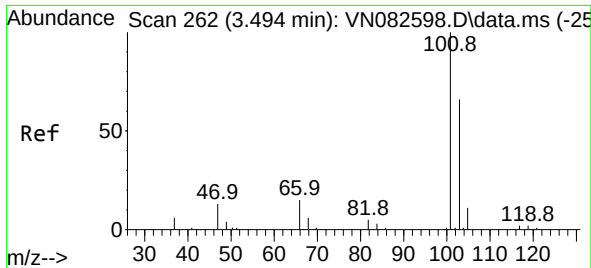


#6
Chloroethane
Concen: 57.024 ug/l
RT: 3.100 min Scan# 195
Delta R.T. -0.012 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03



Tgt Ion: 64 Resp: 54072
Ion Ratio Lower Upper
64 100
66 31.3 26.6 40.0





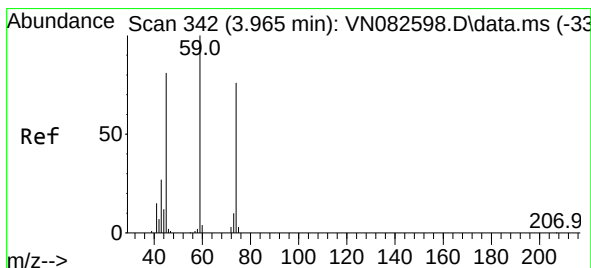
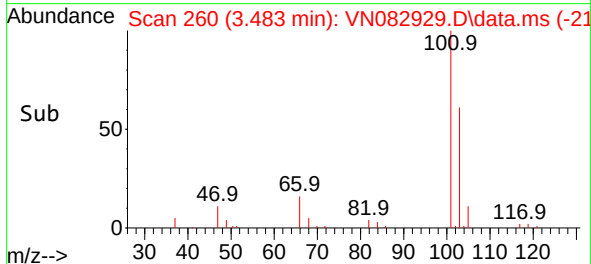
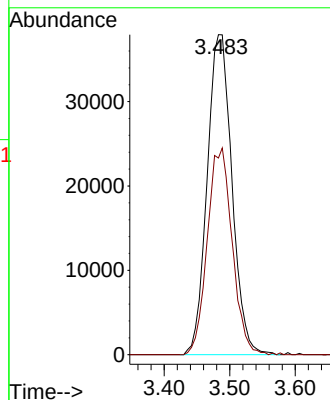
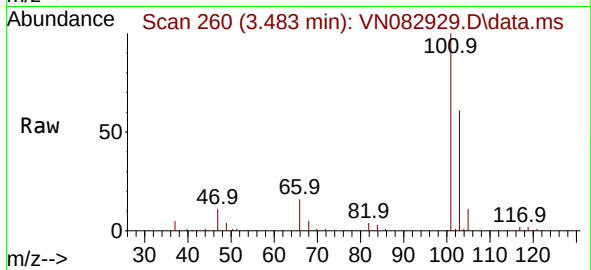
#7
Trichlorofluoromethane
Concen: 50.052 ug/l
RT: 3.483 min Scan# 20
Delta R.T. -0.011 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9975
Ion Ratio Lower Upper
101 100
103 61.4 52.7 79.1

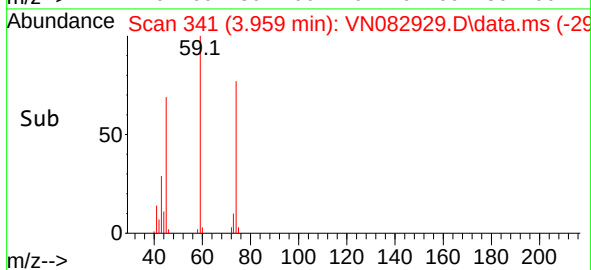
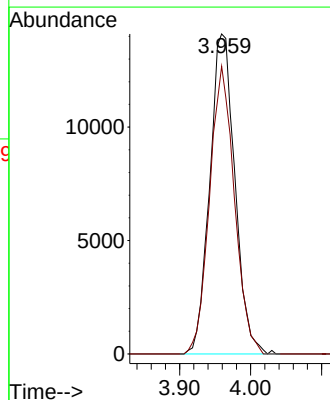
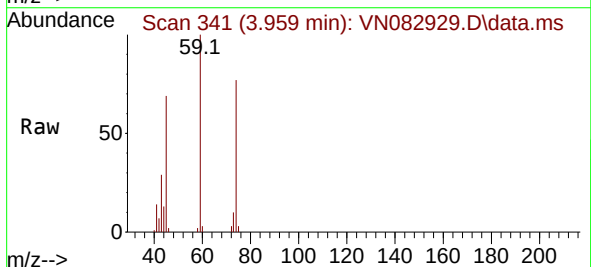
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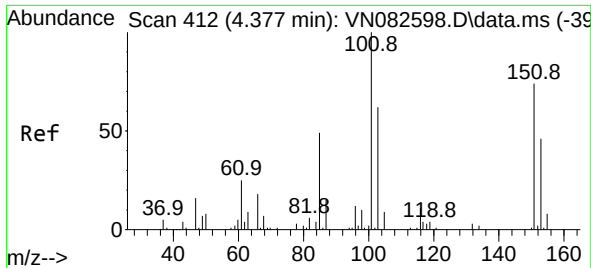
Reviewed By :John Carlone 07/17/2024
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#8
Diethyl Ether
Concen: 50.909 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

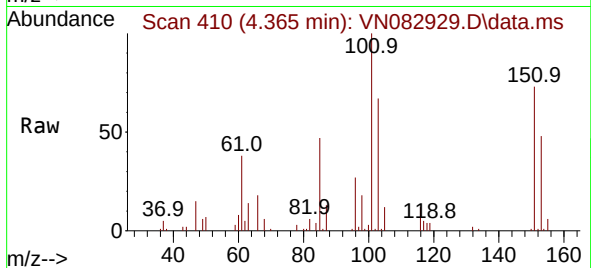
Tgt Ion: 74 Resp: 34724
Ion Ratio Lower Upper
74 100
45 88.7 55.5 166.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.403 ug/l
RT: 4.365 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN082929.D
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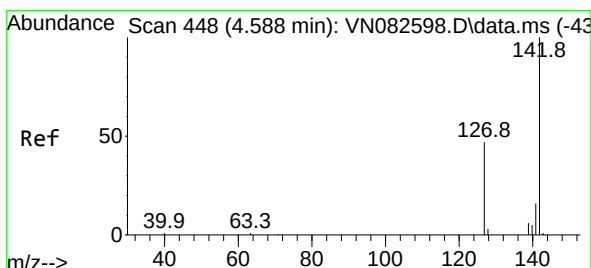
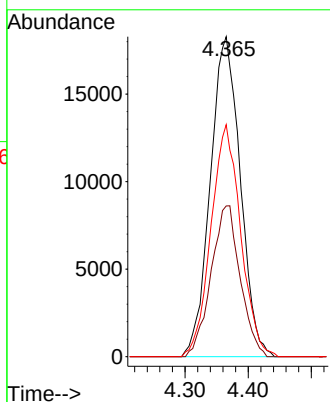
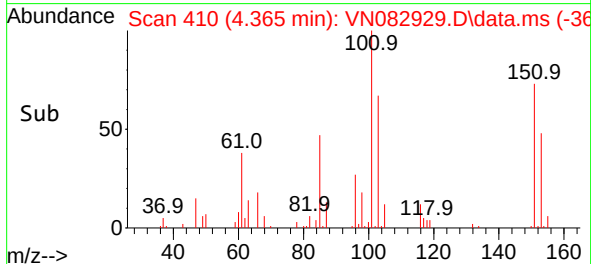
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



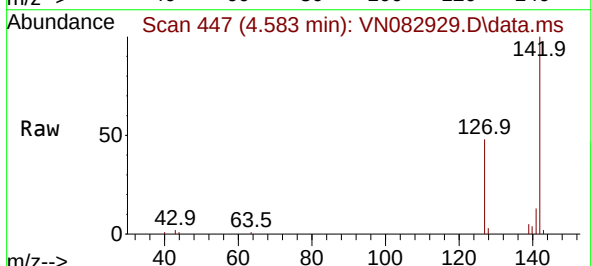
Tgt Ion:101 Resp: 60238
Ion Ratio Lower Upper
101 100
85 45.8 38.3 57.5
151 71.9 59.3 88.9

Manual Integrations
APPROVED

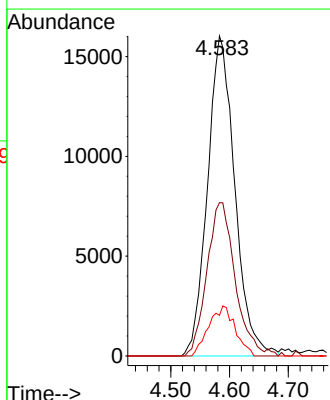
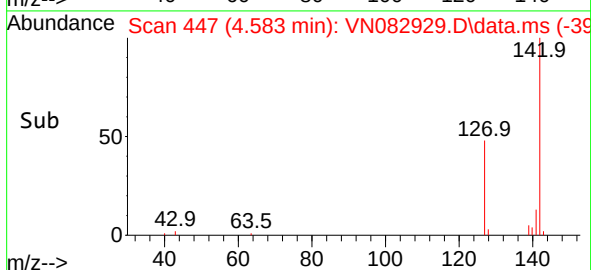
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

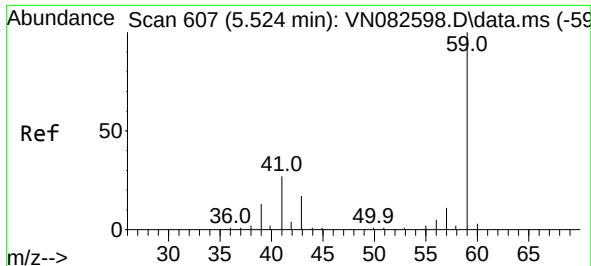


#10
Methyl Iodide
Concen: 44.731 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.005 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03



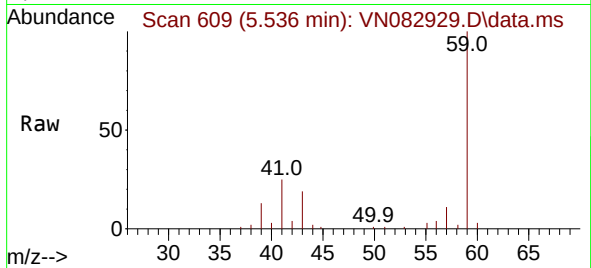
Tgt Ion:142 Resp: 51729
Ion Ratio Lower Upper
142 100
127 47.9 37.5 56.3
141 12.7 13.1 19.7#





#11
Tert butyl alcohol
Concen: 258.487 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

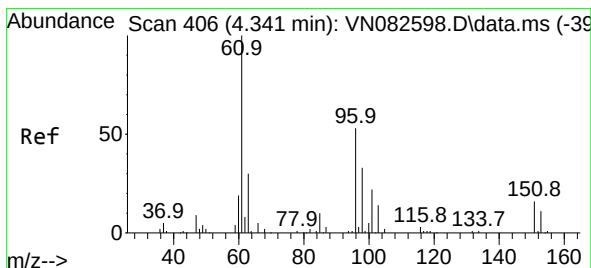
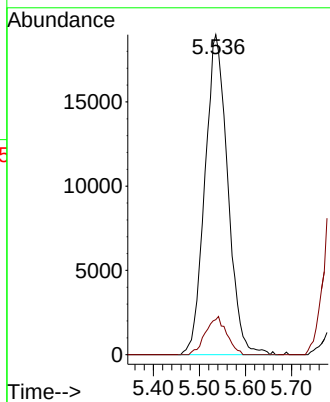
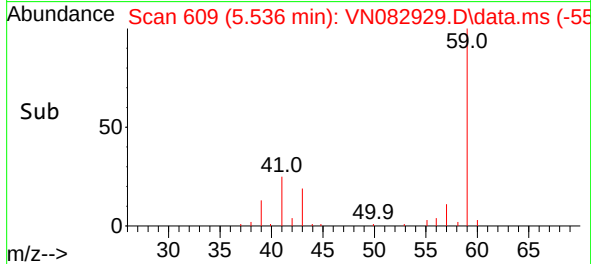
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



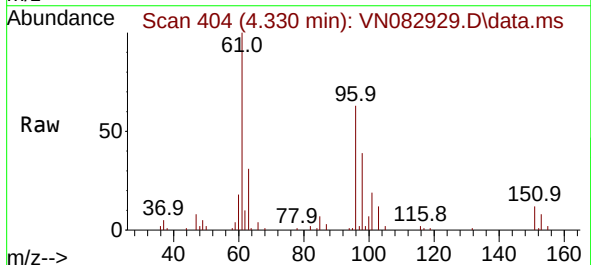
Tgt Ion: 59 Resp: 6549
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3

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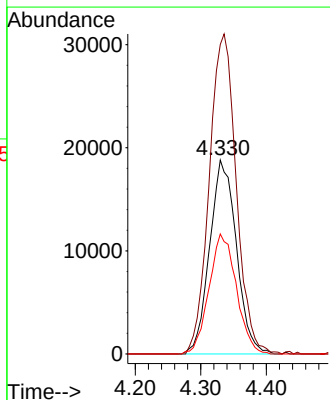
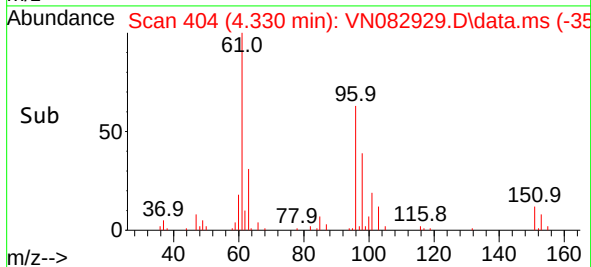
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

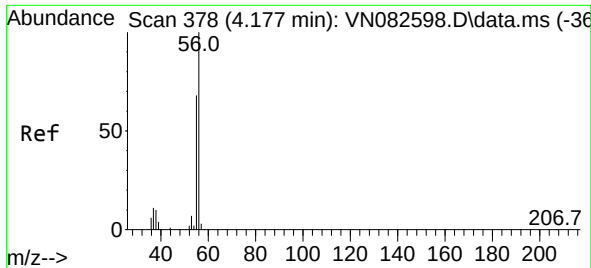


#12
1,1-Dichloroethene
Concen: 48.583 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.011 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03



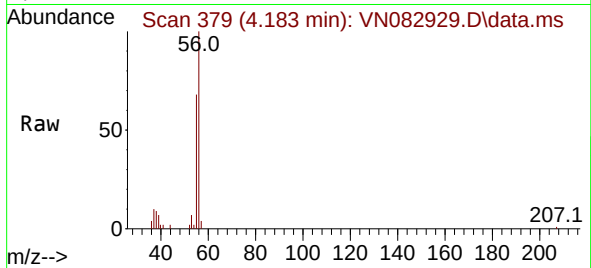
Tgt Ion: 96 Resp: 53295
Ion Ratio Lower Upper
96 100
61 159.5 149.7 224.5
98 61.9 50.1 75.1





#13
Acrolein
Concen: 263.053 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

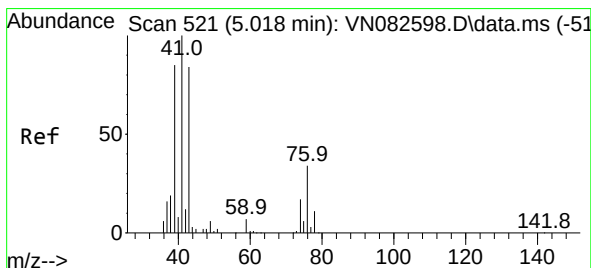
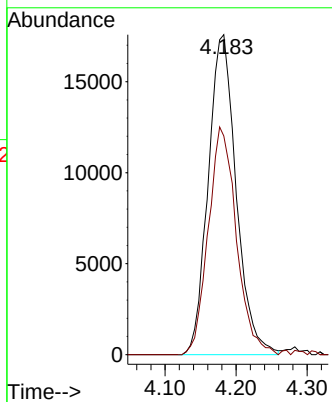
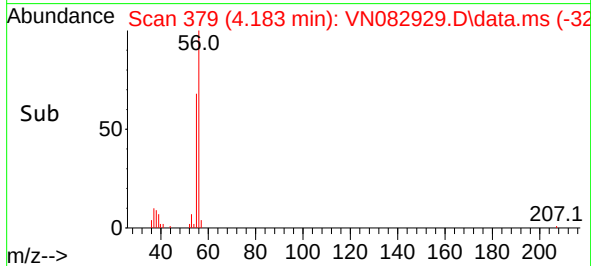
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 48118
Ion Ratio Lower Upper
56 100
55 71.5 56.4 84.6

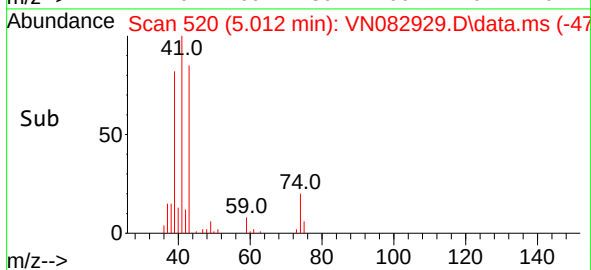
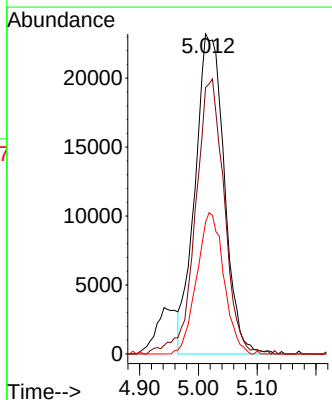
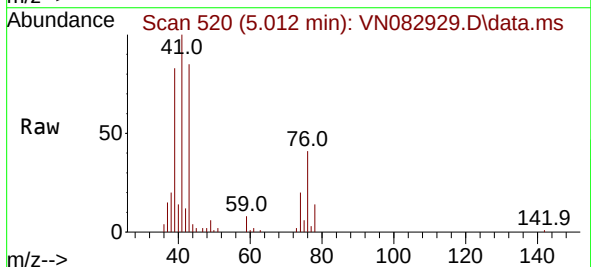
Manual Integrations
APPROVED

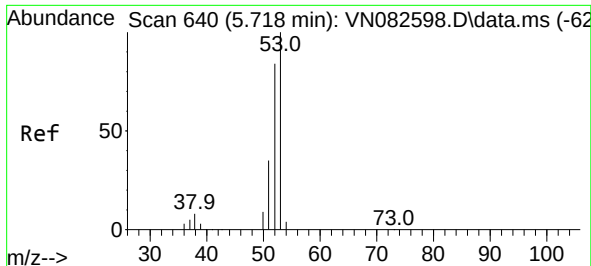
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#14
Allyl chloride
Concen: 46.843 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

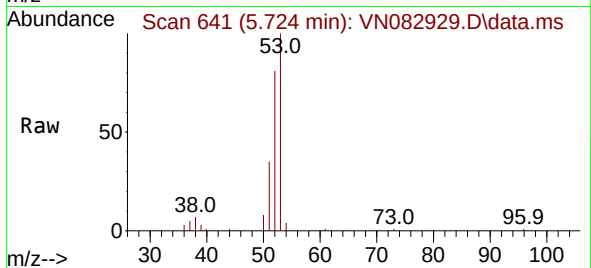
Tgt Ion: 41 Resp: 80121
Ion Ratio Lower Upper
41 100
39 84.5 67.8 101.6
76 41.0 25.8 38.8#





#15
Acrylonitrile
Concen: 284.568 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

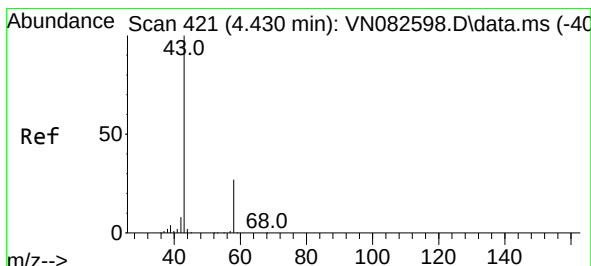
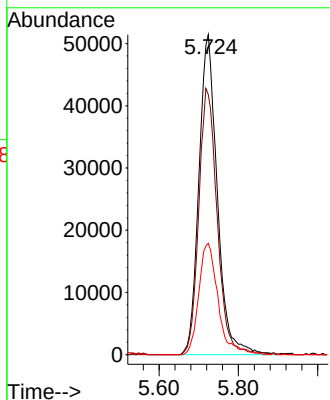
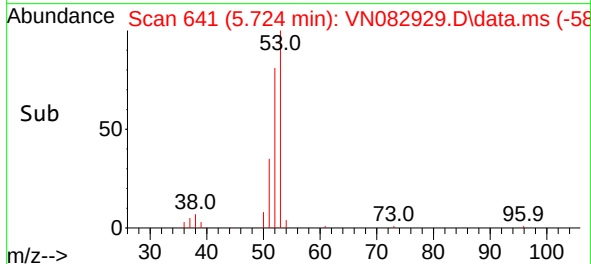
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 16569
Ion Ratio Lower Upper
53 100
52 83.2 66.6 100.0
51 36.7 30.1 45.1

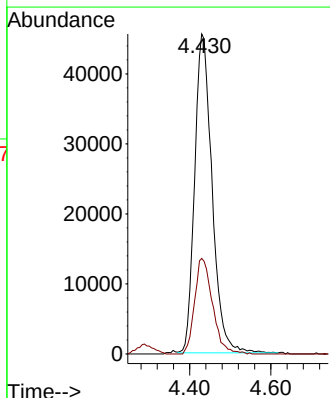
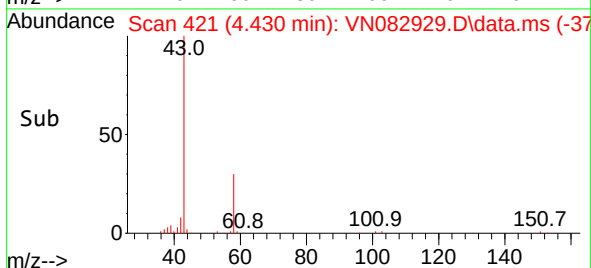
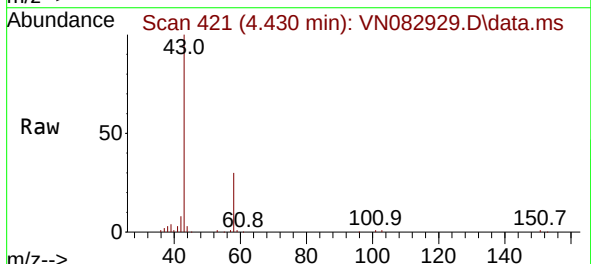
Manual Integrations
APPROVED

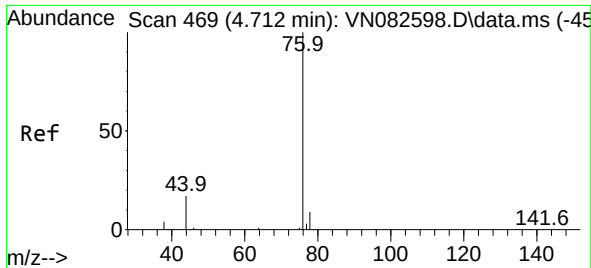
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#16
Acetone
Concen: 256.289 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Tgt Ion: 43 Resp: 135924
Ion Ratio Lower Upper
43 100
58 30.0 21.8 32.6





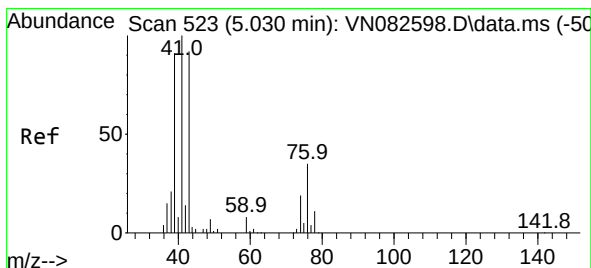
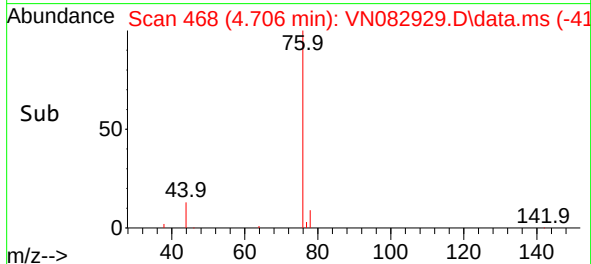
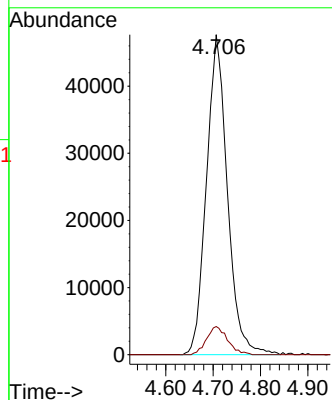
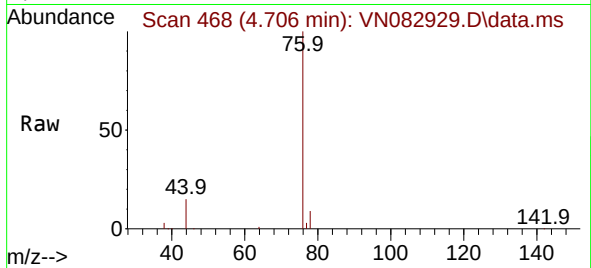
#17
Carbon Disulfide
Concen: 44.575 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 14611
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

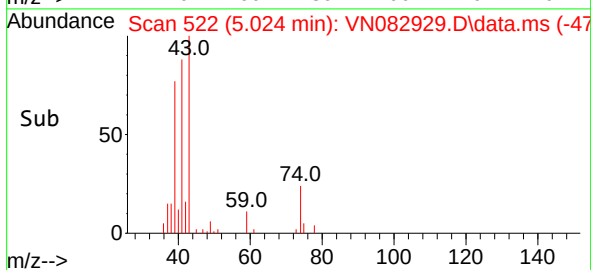
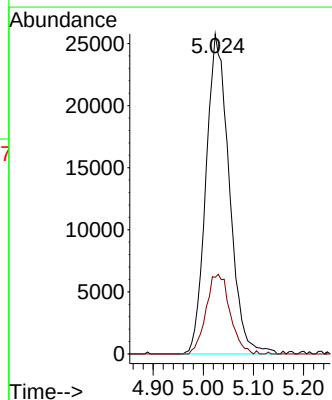
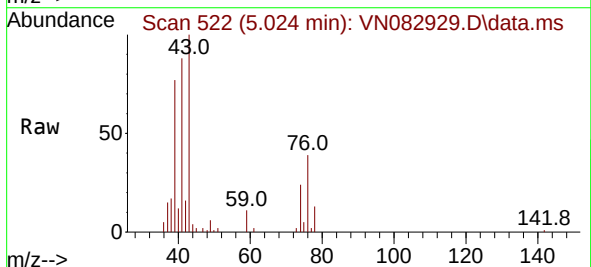
Manual Integrations
APPROVED

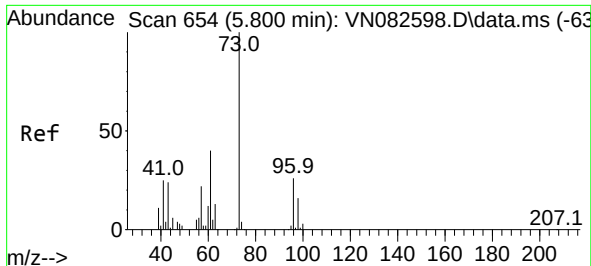
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#18
Methyl Acetate
Concen: 58.970 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

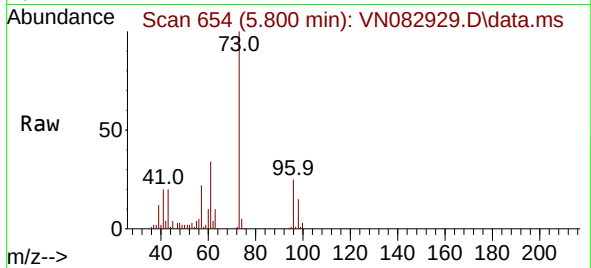
Tgt Ion: 43 Resp: 82756
Ion Ratio Lower Upper
43 100
74 25.6 16.3 24.5#





#19
Methyl tert-butyl Ether
Concen: 51.912 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

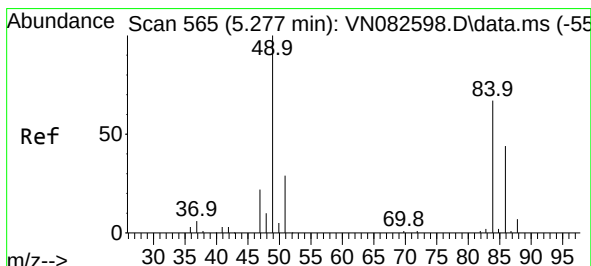
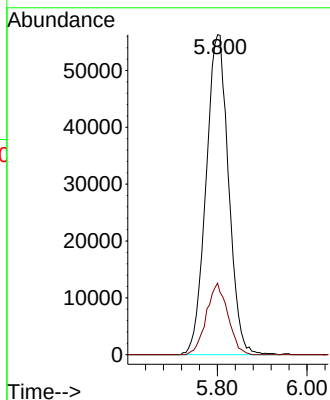
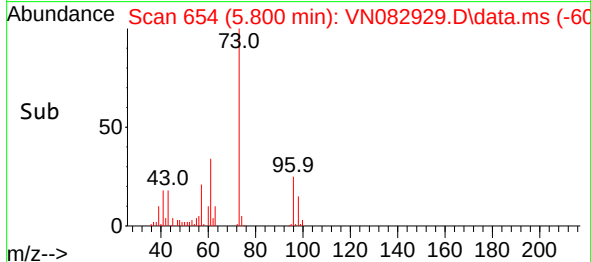
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 196439
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9

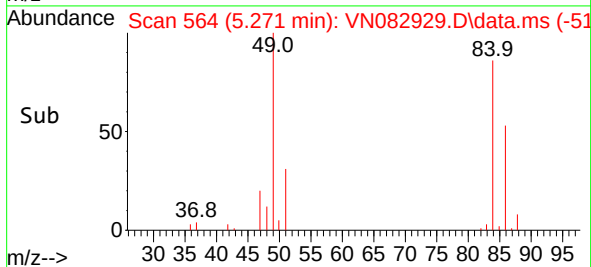
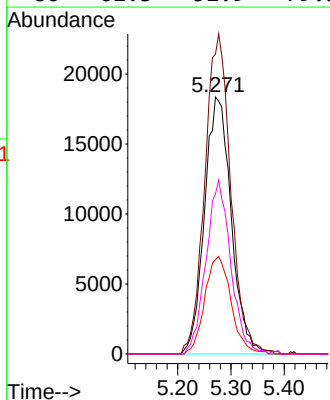
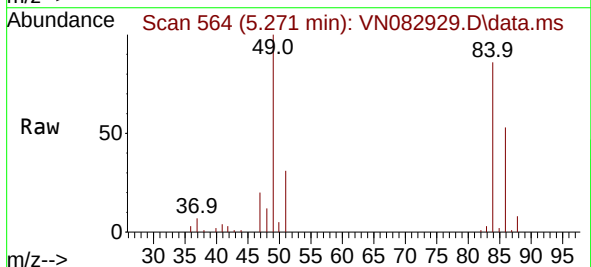
Manual Integrations
APPROVED

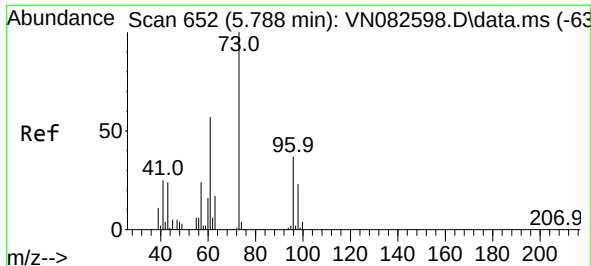
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#20
Methylene Chloride
Concen: 49.971 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

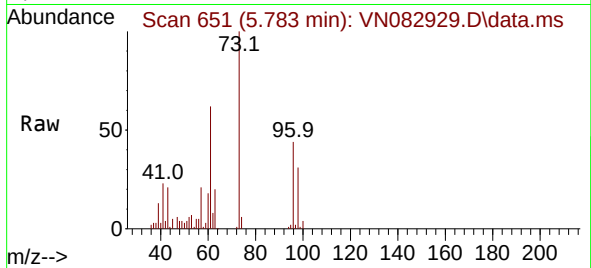
Tgt Ion: 84 Resp: 64004
Ion Ratio Lower Upper
84 100
49 116.8 119.6 179.4#
51 36.8 34.8 52.2
86 62.3 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 48.730 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.005 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

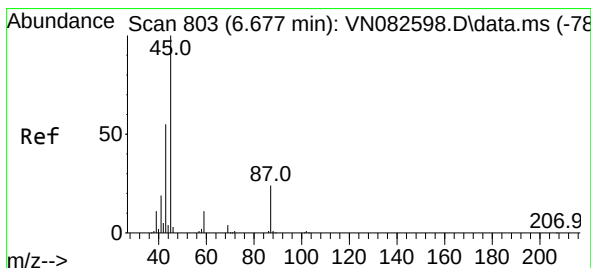
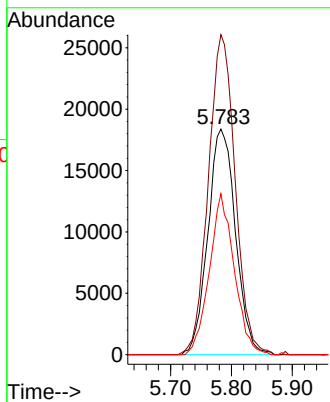
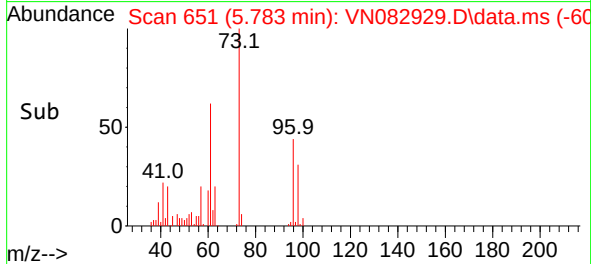
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5792
Ion Ratio Lower Upper
96 100
61 141.9 123.4 185.2
98 71.4 49.3 73.9

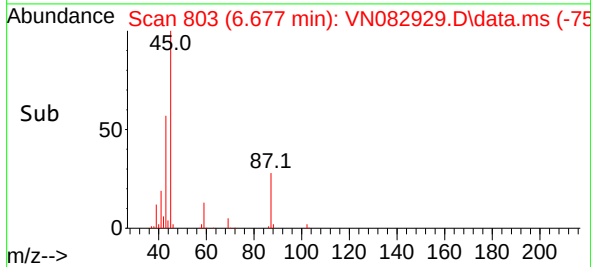
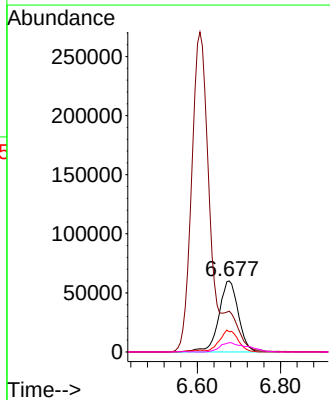
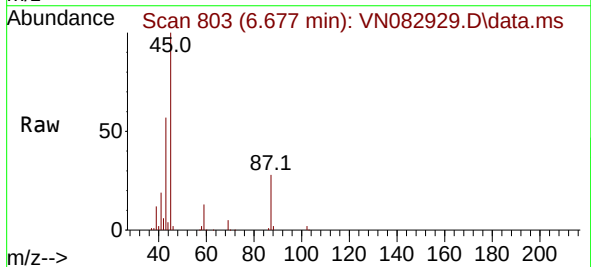
Manual Integrations
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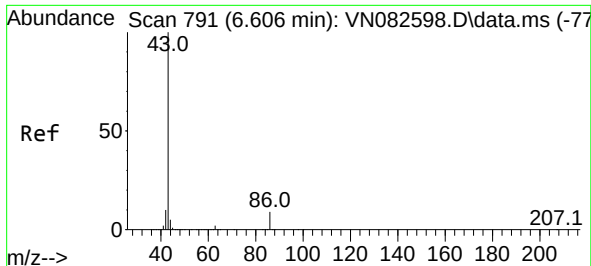
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#22
Diisopropyl ether
Concen: 54.660 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

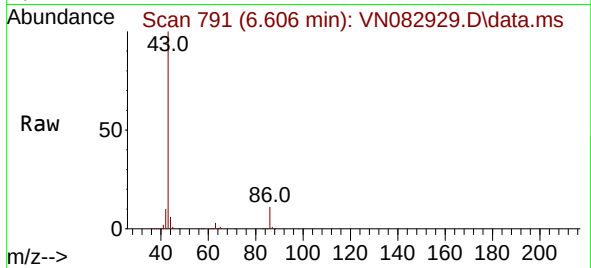
Tgt Ion: 45 Resp: 195593
Ion Ratio Lower Upper
45 100
43 56.4 44.0 66.0
87 28.3 19.7 29.5
59 13.1 8.5 12.7#





#23
 Vinyl Acetate
 Concen: 272.917 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN082929.D
 Acq: 16 Jul 2024 12:03

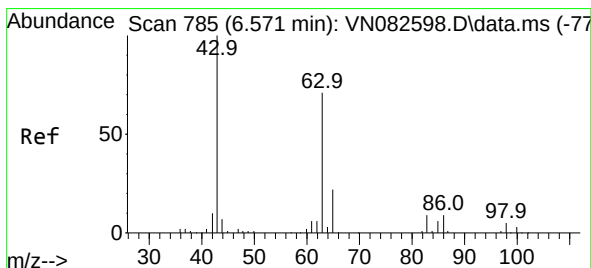
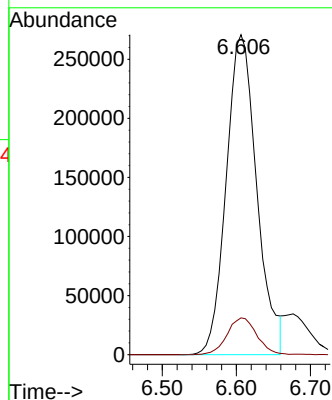
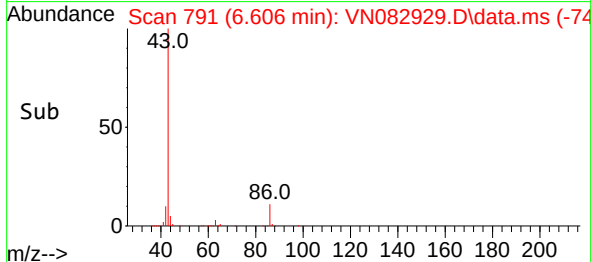
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



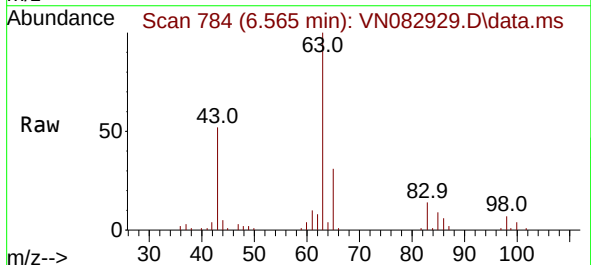
Tgt Ion: 43 Resp: 77554
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.3 10.9

Manual Integrations
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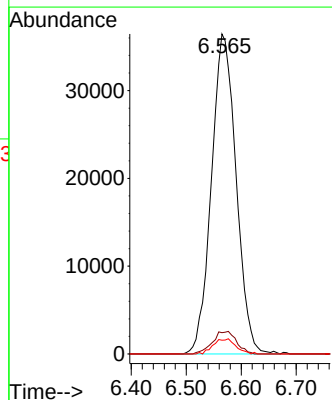
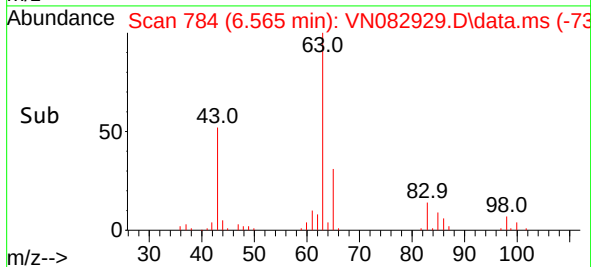
Reviewed By :John Carlone 07/17/2024
 Supervised By :Mahesh Dadoda 07/17/2024

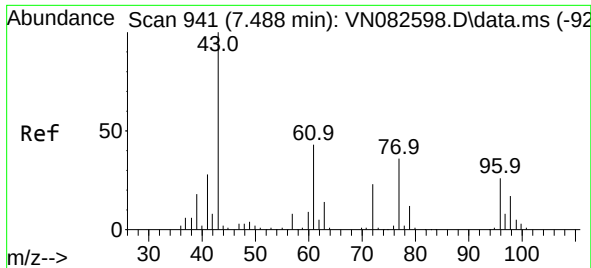


#24
 1,1-Dichloroethane
 Concen: 52.425 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN082929.D
 Acq: 16 Jul 2024 12:03



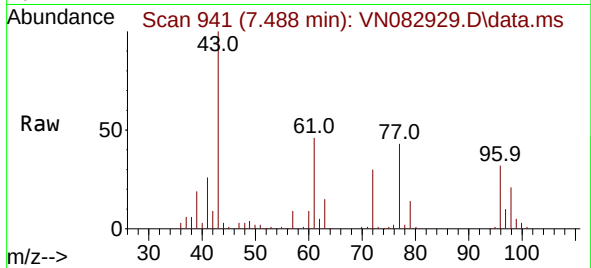
Tgt Ion: 63 Resp: 113791
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.3 2.0 6.0





#25
2-Butanone
Concen: 284.594 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

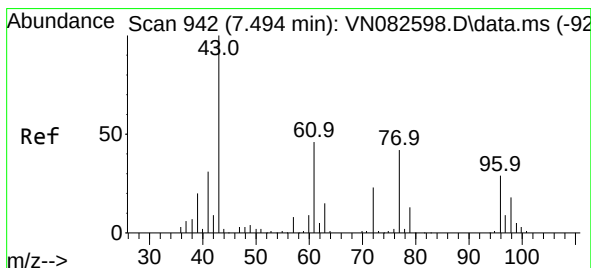
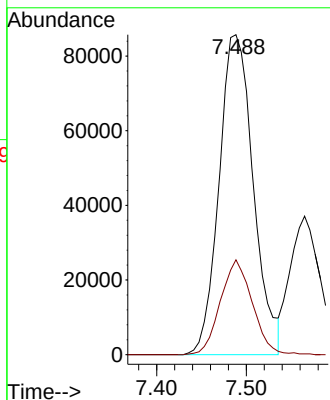
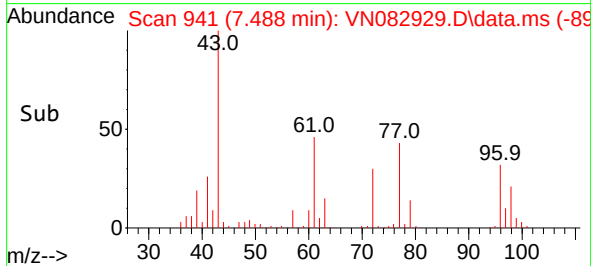
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



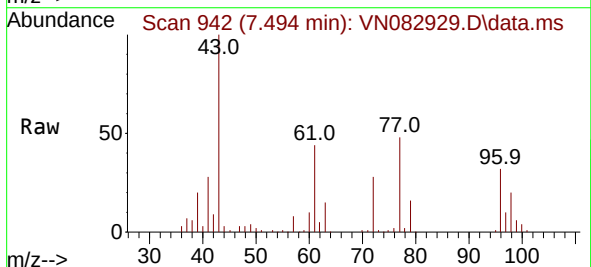
Tgt Ion: 43 Resp: 227905
Ion Ratio Lower Upper
43 100
72 29.6 18.2 27.2

Manual Integrations
APPROVED

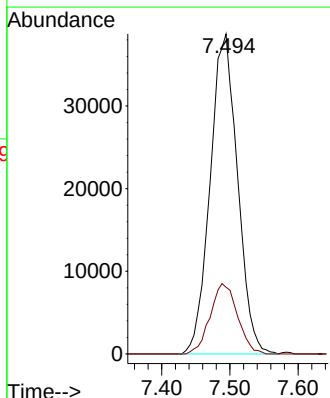
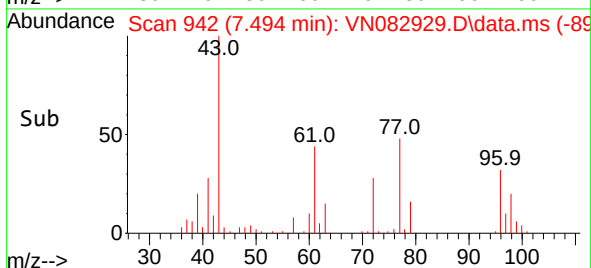
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

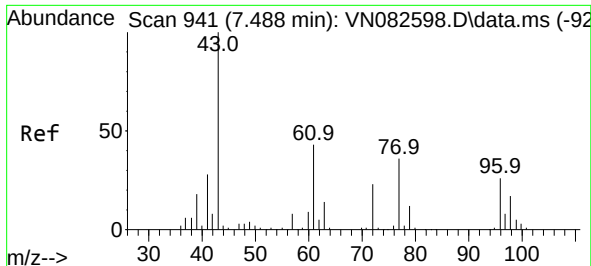


#26
2,2-Dichloropropane
Concen: 53.662 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03



Tgt Ion: 77 Resp: 108296
Ion Ratio Lower Upper
77 100
97 21.9 10.3 30.9





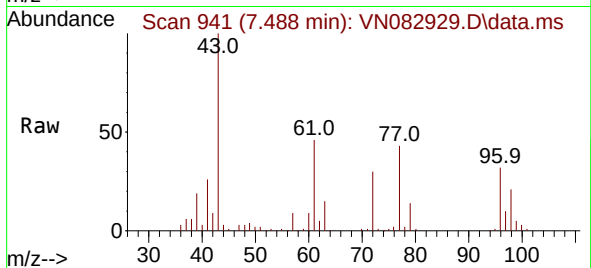
#27
cis-1,2-Dichloroethene
Concen: 51.970 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



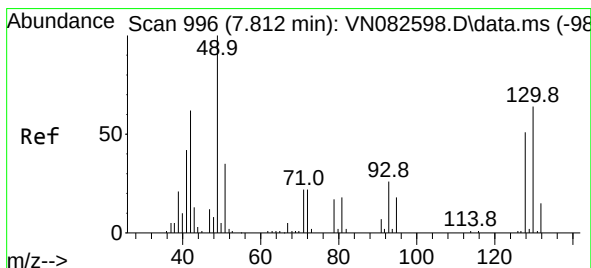
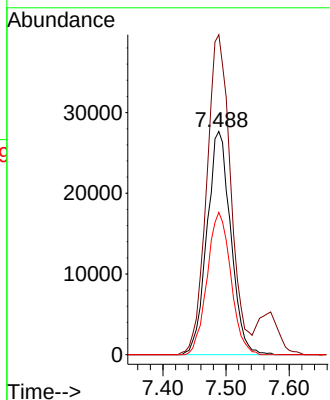
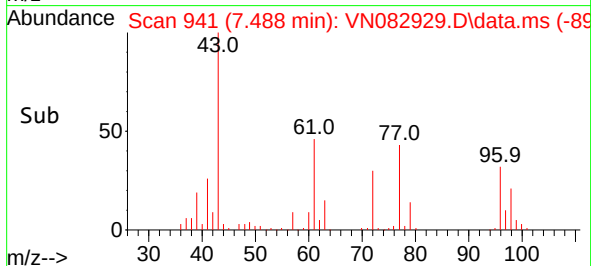
Tgt Ion: 96 Resp: 72320
Ion Ratio Lower Upper
96 100
61 145.0 0.0 329.6
98 63.5 0.0 128.6

Manual Integrations

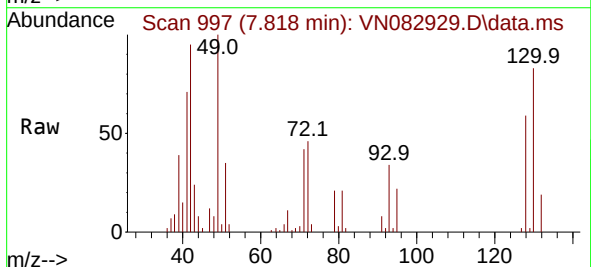
APPROVED

Reviewed By :John Carlone 07/17/2024

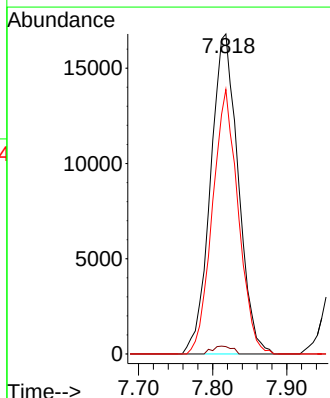
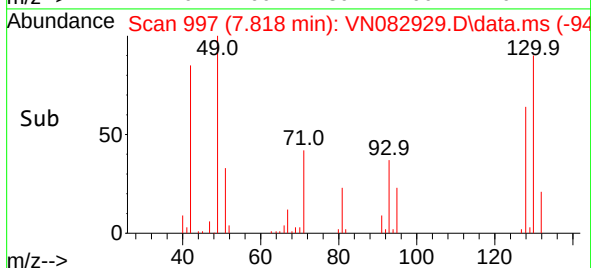
Supervised By :Mahesh Dadoda 07/17/2024

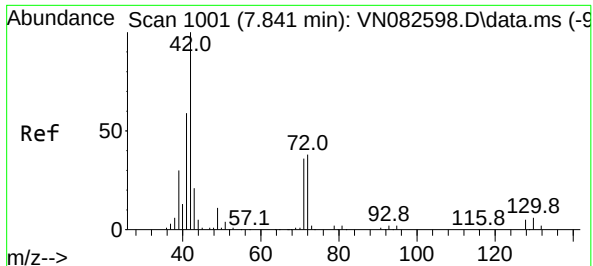


#28
Bromochloromethane
Concen: 46.932 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03



Tgt Ion: 49 Resp: 43701
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 76.8 50.5 75.7#





#29

Tetrahydrofuran

Concen: 296.693 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 149578

Ion Ratio Lower Upper

42 100

72 47.2 30.0 45.0

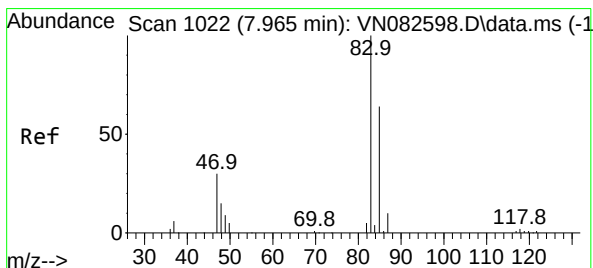
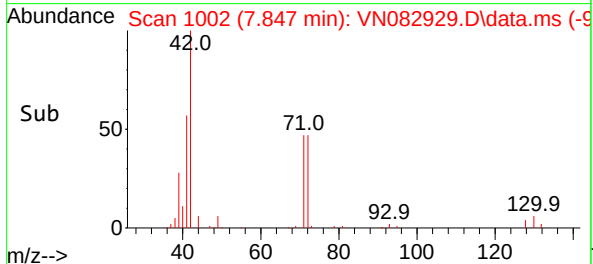
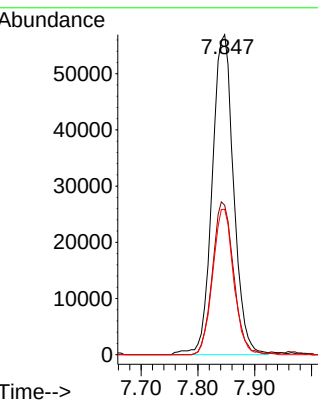
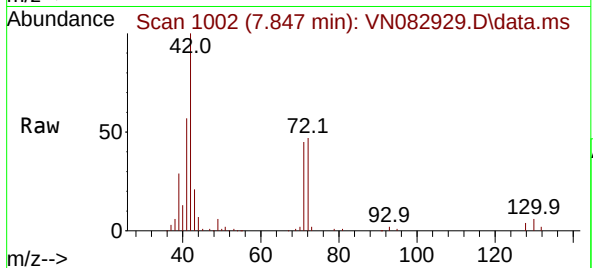
71 44.6 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#30

Chloroform

Concen: 53.302 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN082929.D

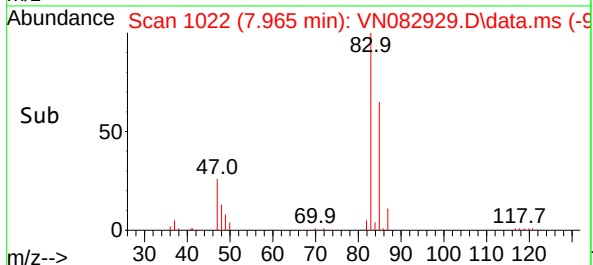
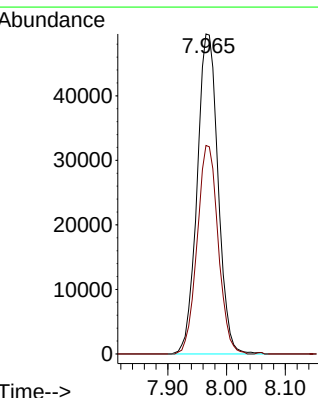
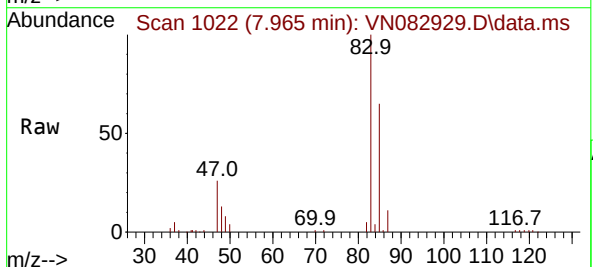
Acq: 16 Jul 2024 12:03

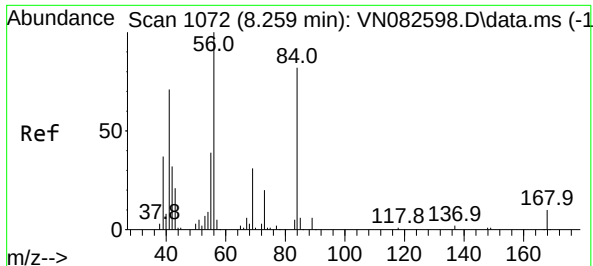
Tgt Ion: 83 Resp: 122738

Ion Ratio Lower Upper

83 100

85 65.2 50.9 76.3





#31

Cyclohexane

Concen: 47.611 ug/l

RT: 8.253 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

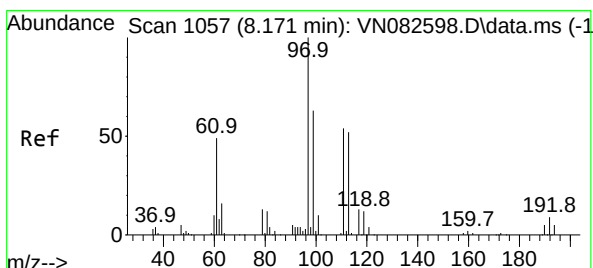
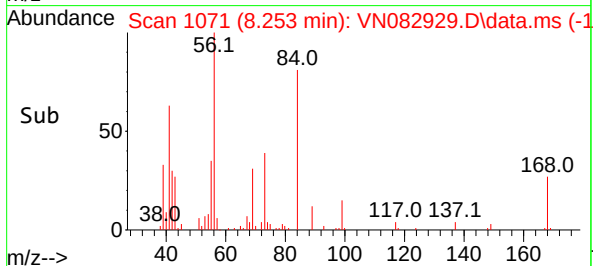
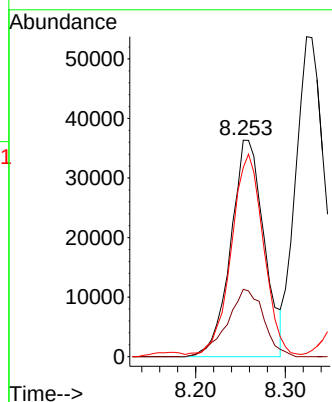
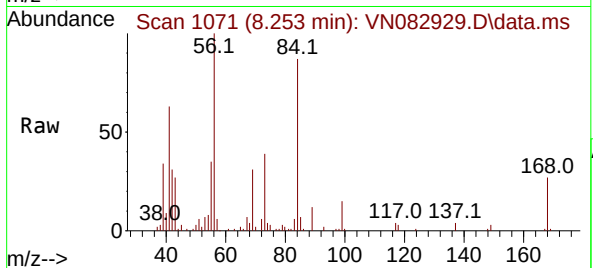
Tgt Ion: 56	Resp: 9376
Ion Ratio	Lower Upper
56	100
69	31.1 24.5 36.7
84	85.6 66.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#32

1,1,1-Trichloroethane

Concen: 51.099 ug/l

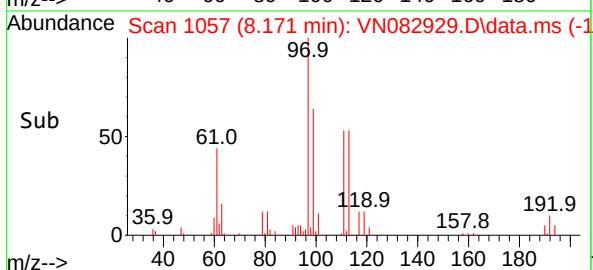
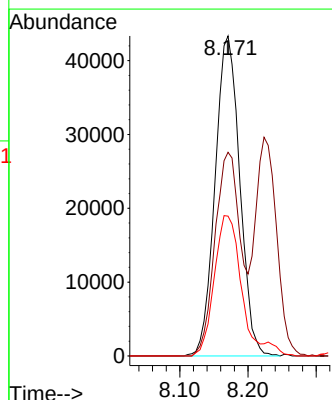
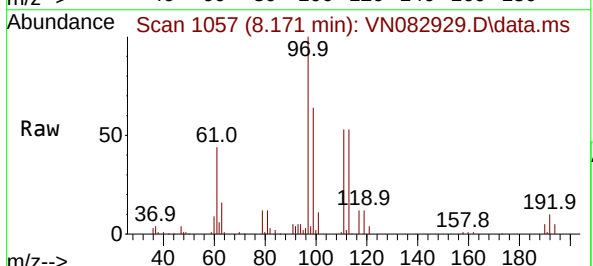
RT: 8.171 min Scan# 1057

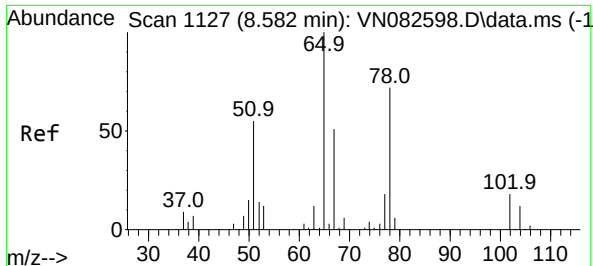
Delta R.T. -0.000 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Tgt Ion: 97	Resp: 109245
Ion Ratio	Lower Upper
97	100
99	66.1 52.0 78.0
61	49.0 42.1 63.1





#33
1,2-Dichloroethane-d4
Concen: 47.601 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

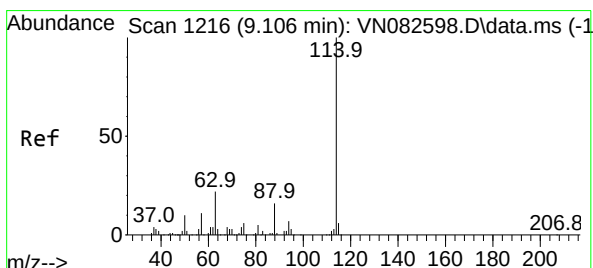
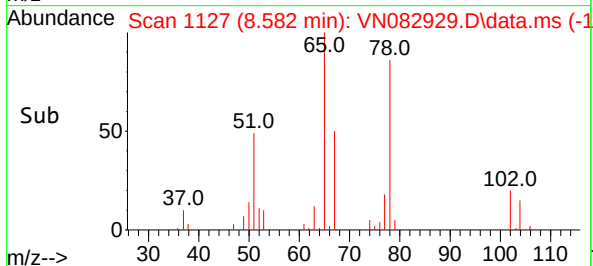
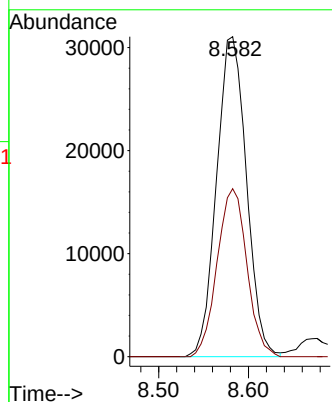
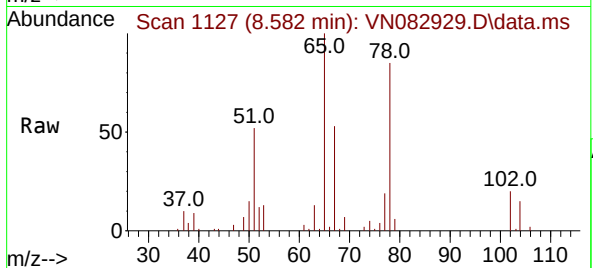
Tgt Ion: 65 Resp: 7170
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.4

Manual Integrations

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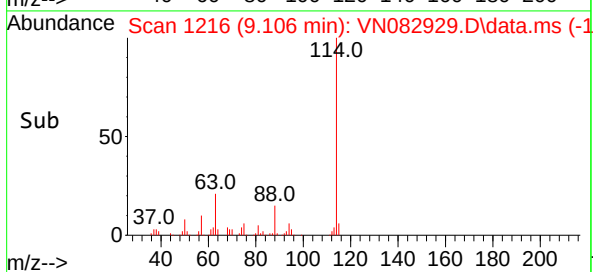
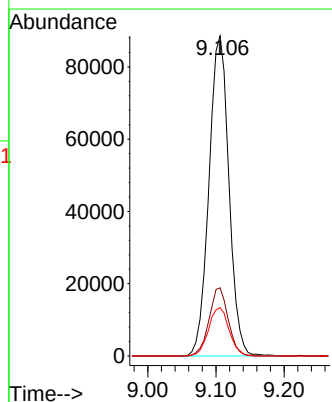
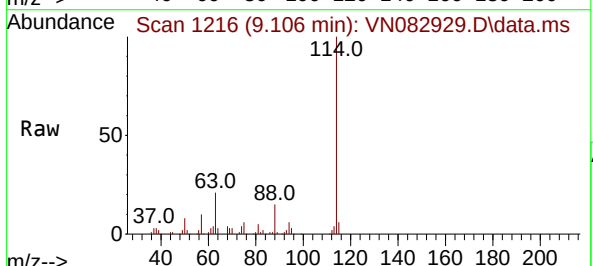
Reviewed By :John Carlone 07/17/2024

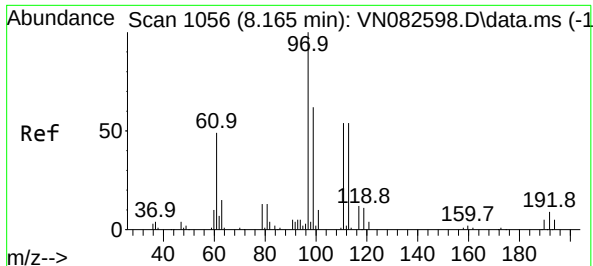
Supervised By :Mahesh Dadoda 07/17/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

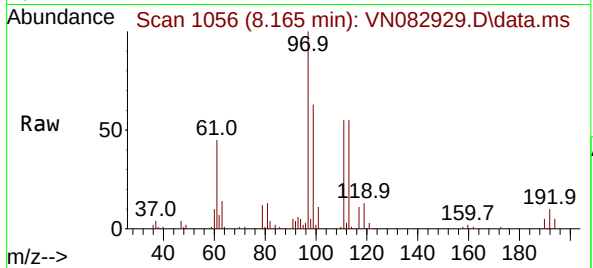
Tgt Ion:114 Resp: 180253
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.6
88 15.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 48.250 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

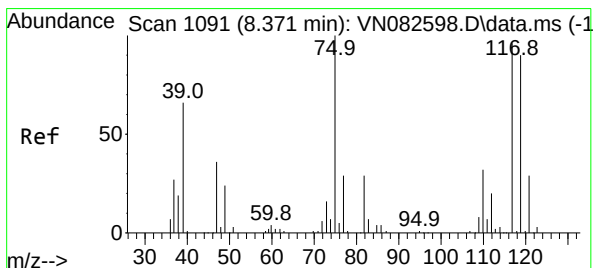
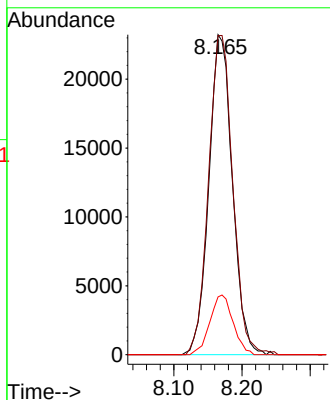
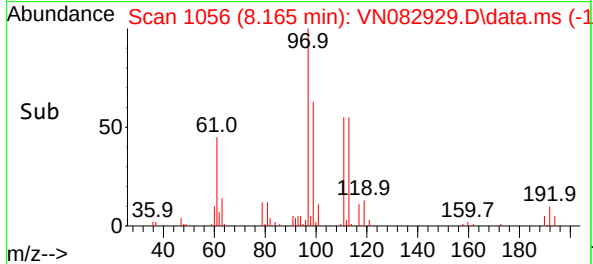
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



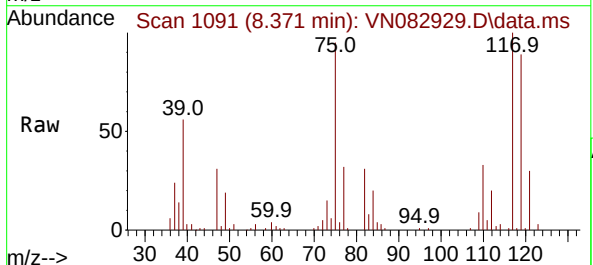
Tgt Ion: 113 Resp: 55808
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 18.4 14.9 22.3

Manual Integrations
APPROVED

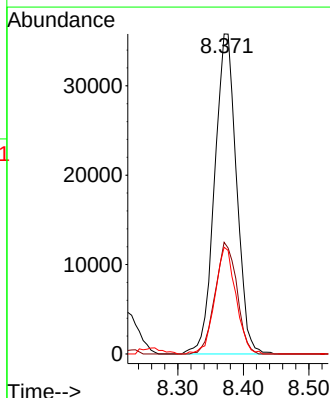
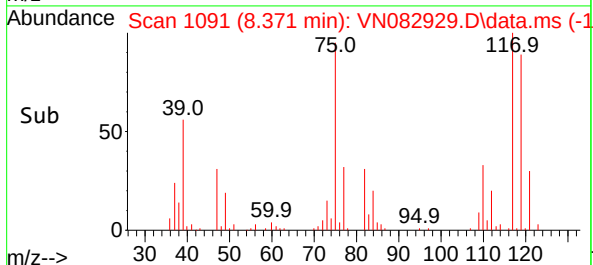
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

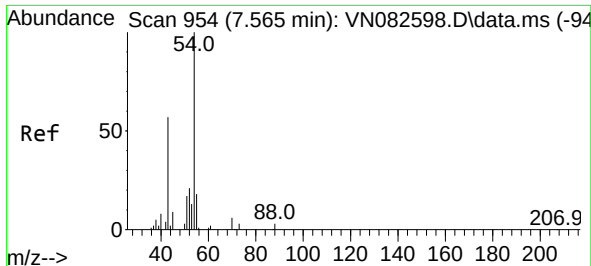


#36
1,1-Dichloropropene
Concen: 52.037 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03



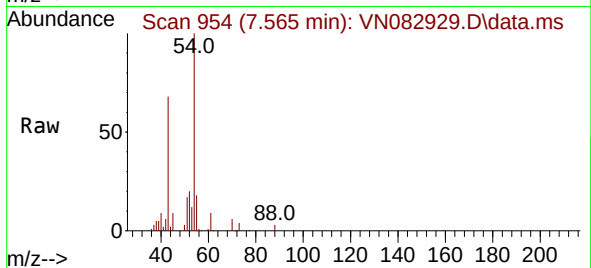
Tgt Ion: 75 Resp: 82984
Ion Ratio Lower Upper
75 100
110 34.6 16.3 48.9
77 32.1 24.6 37.0





#37
Ethyl Acetate
Concen: 55.821 ug/l
RT: 7.565 min Scan# 906
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

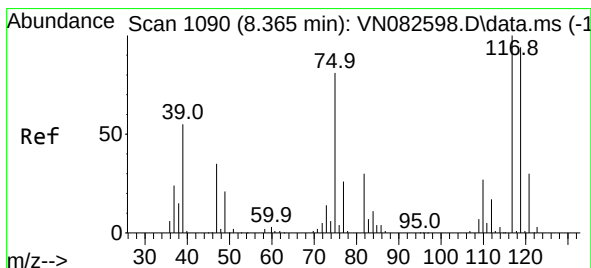
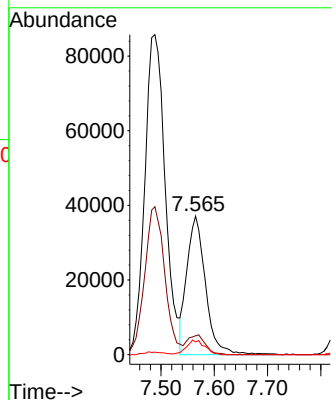
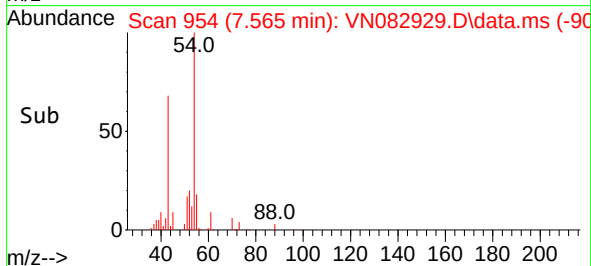
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 90628
Ion Ratio Lower Upper
43 100
61 13.5 9.3 13.9
70 10.2 7.0 10.6

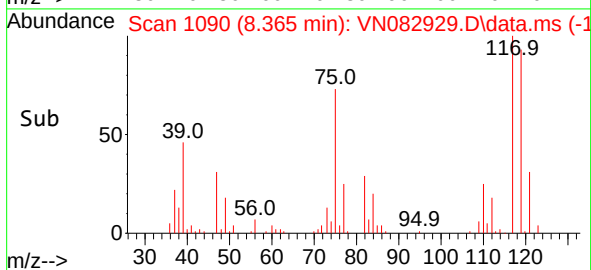
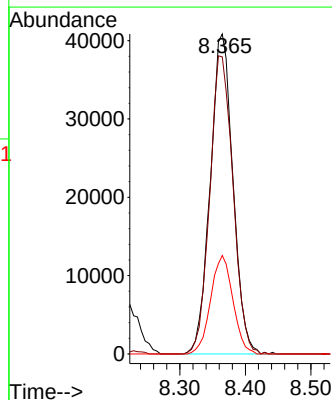
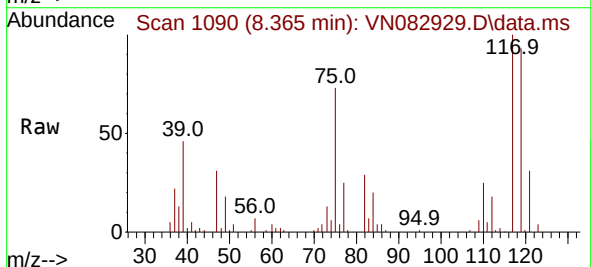
Manual Integrations
APPROVED

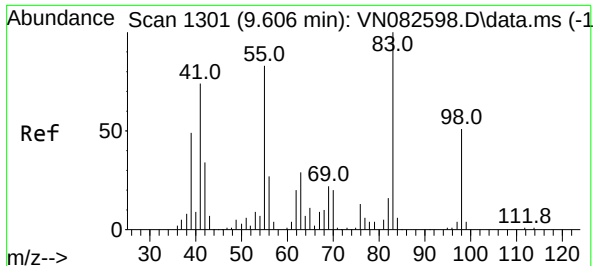
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#38
Carbon Tetrachloride
Concen: 51.088 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Tgt Ion:117 Resp: 98093
Ion Ratio Lower Upper
117 100
119 92.8 74.9 112.3
121 30.8 24.3 36.5





#39

Methylcyclohexane

Concen: 49.766 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 85725

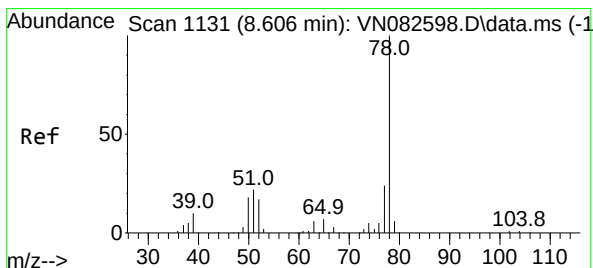
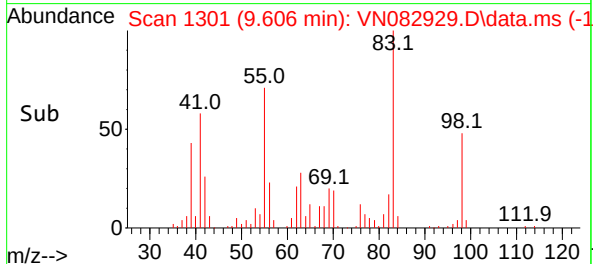
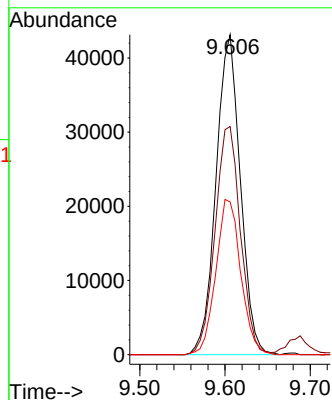
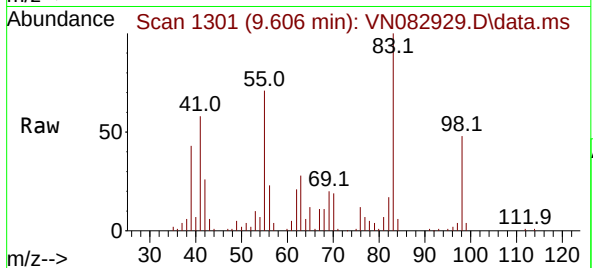
Ion	Ratio	Lower	Upper
83	100		
55	71.3	66.4	99.6
98	47.7	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#40

Benzene

Concen: 53.860 ug/l

RT: 8.606 min Scan# 1131

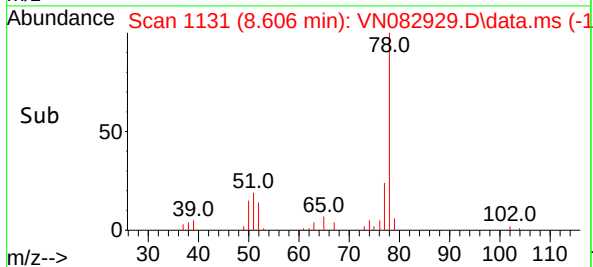
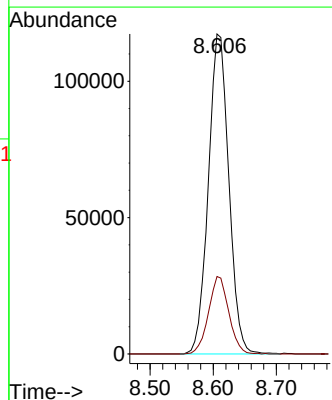
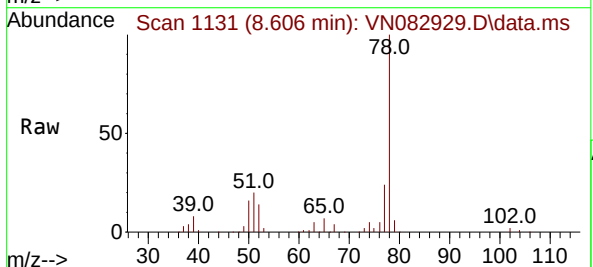
Delta R.T. -0.000 min

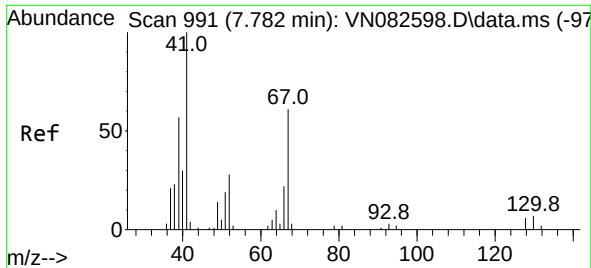
Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Tgt Ion: 78 Resp: 264201

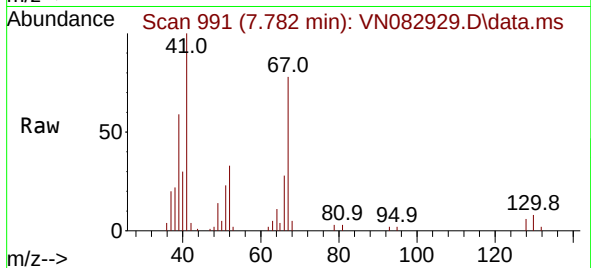
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4





#41
Methacrylonitrile
Concen: 52.939 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

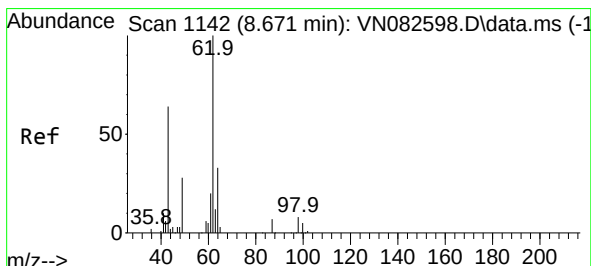
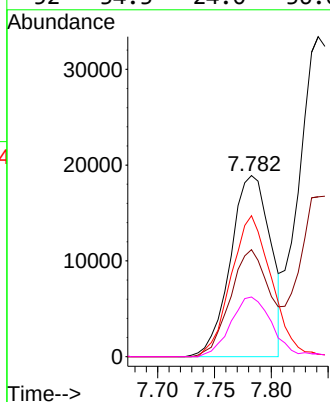
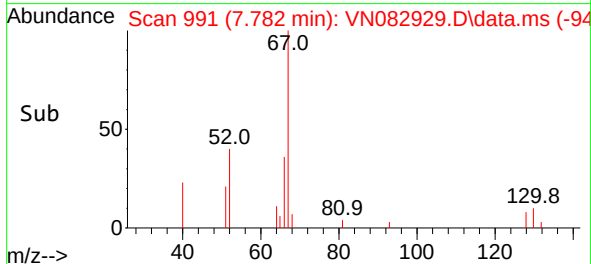
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



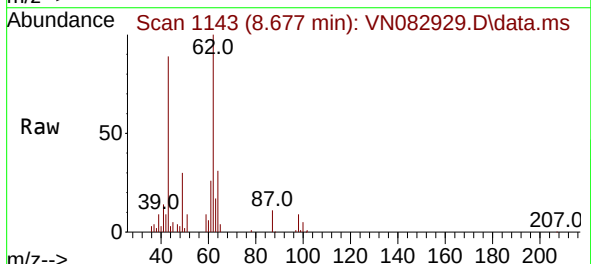
Tgt Ion: 41 Resp: 46304
Ion Ratio Lower Upper
41 100
39 57.7 45.5 68.3
67 79.1 50.5 75.7
52 34.3 24.0 36.0

Manual Integrations
APPROVED

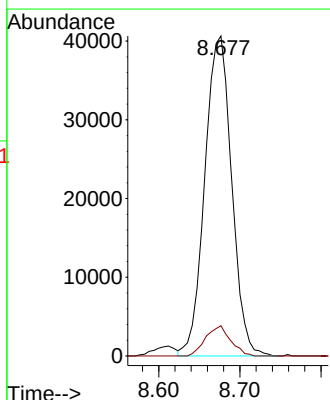
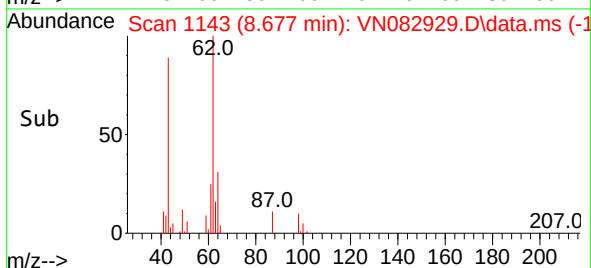
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

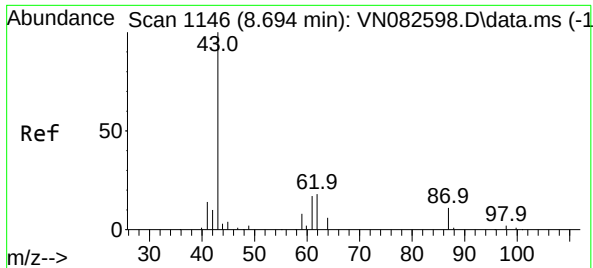


#42
1,2-Dichloroethane
Concen: 53.016 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03



Tgt Ion: 62 Resp: 93622
Ion Ratio Lower Upper
62 100
98 8.7 0.0 15.8





#43

Isopropyl Acetate

Concen: 50.975 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

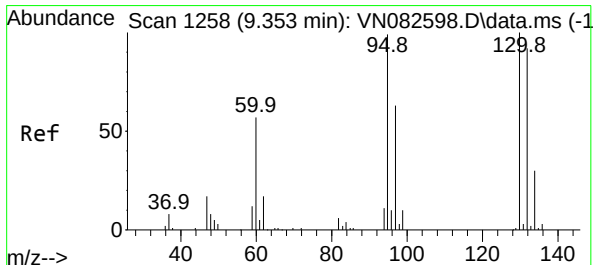
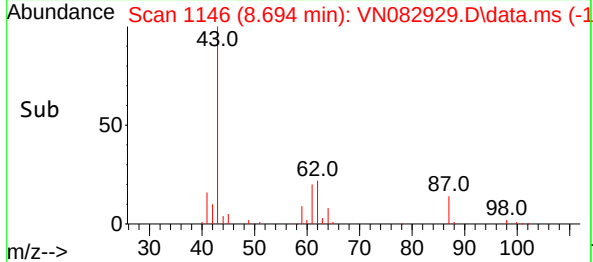
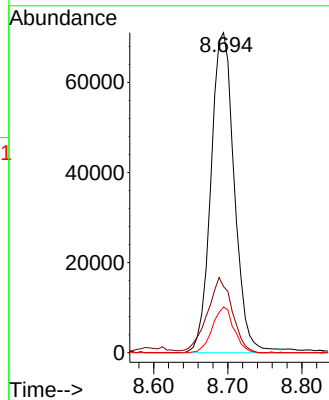
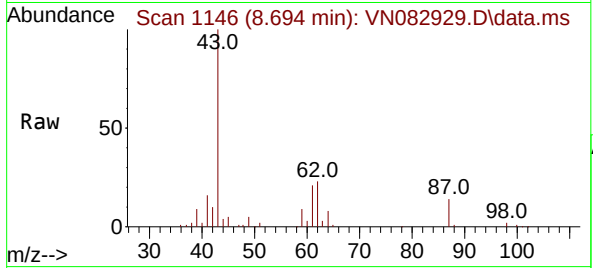
Tgt Ion: 43	Resp: 15587
Ion Ratio	Lower Upper
43	100
61	25.2 17.8 26.6
87	13.1 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#44

Trichloroethene

Concen: 49.322 ug/l

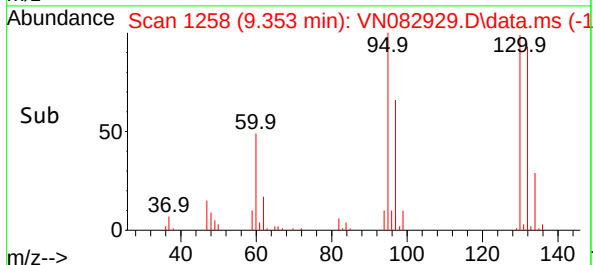
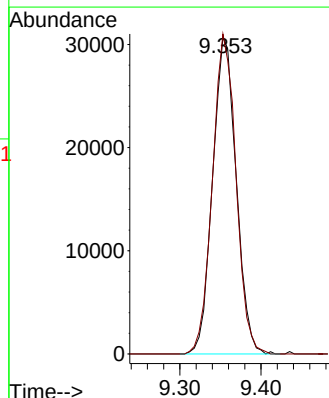
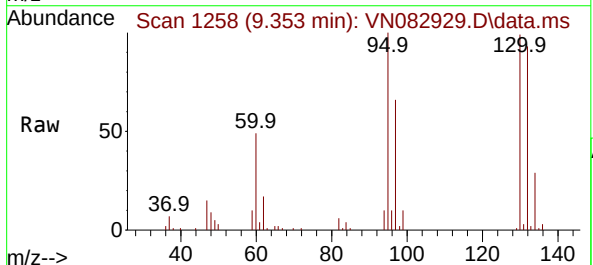
RT: 9.353 min Scan# 1258

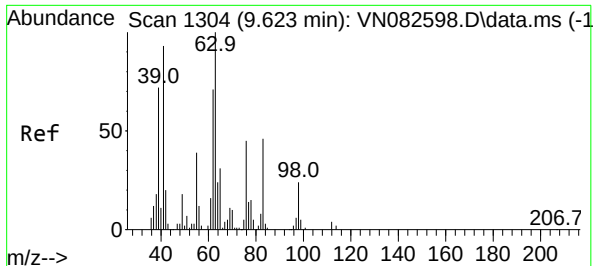
Delta R.T. -0.000 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Tgt Ion:130	Resp: 61985
Ion Ratio	Lower Upper
130	100
95	101.0 0.0 197.8





#45

1,2-Dichloropropane

Concen: 56.216 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.001 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 64380

Ion Ratio Lower Upper

63 100

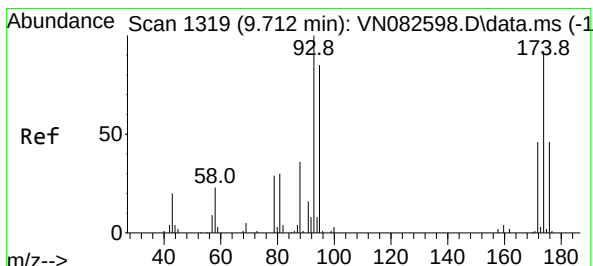
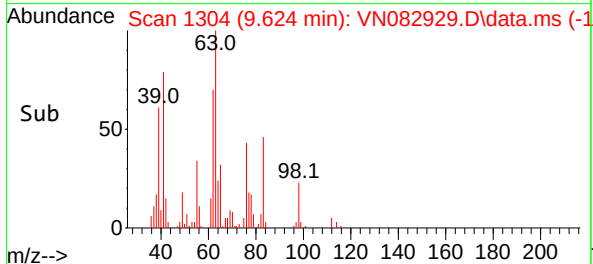
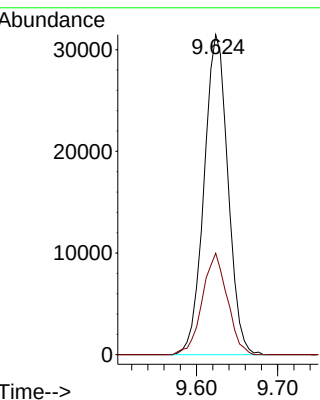
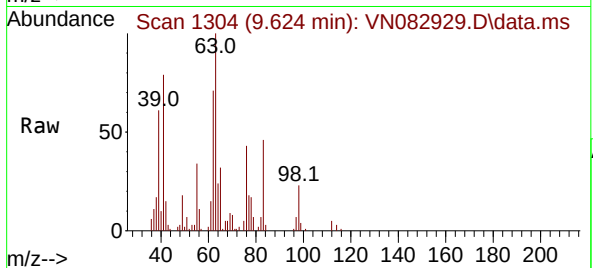
65 31.7 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#46

Dibromomethane

Concen: 53.396 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

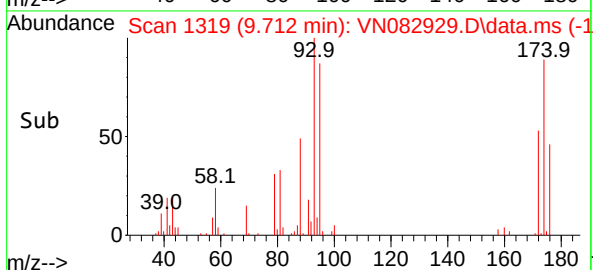
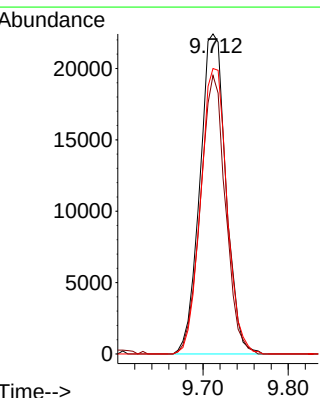
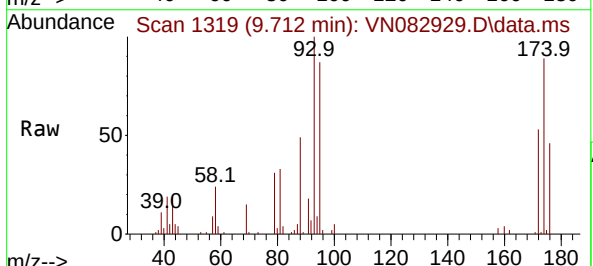
Tgt Ion: 93 Resp: 47639

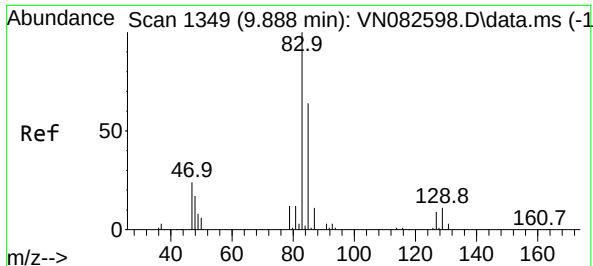
Ion Ratio Lower Upper

93 100

95 83.4 65.8 98.6

174 89.7 71.7 107.5





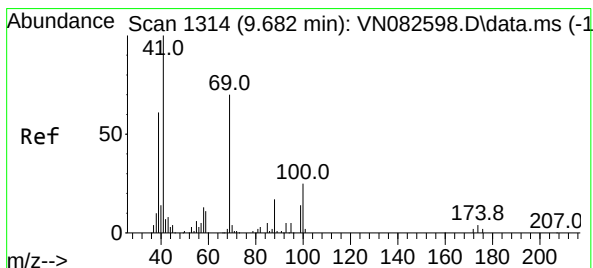
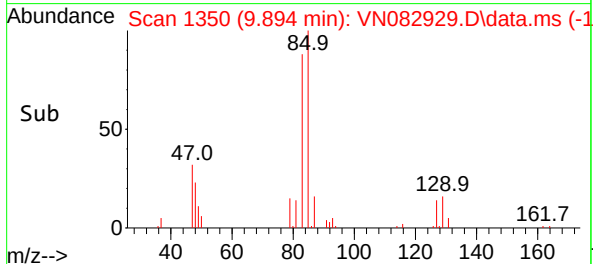
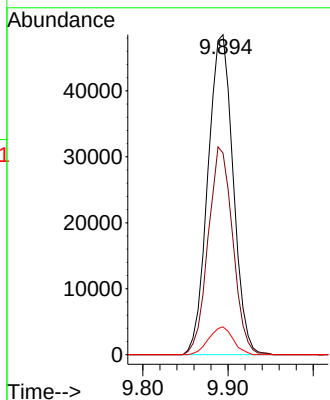
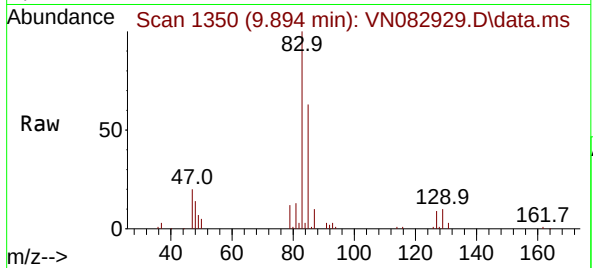
#47
Bromodichloromethane
Concen: 54.167 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9985
Ion Ratio Lower Upper
83 100
85 63.0 51.1 76.7
127 8.7 7.2 10.8

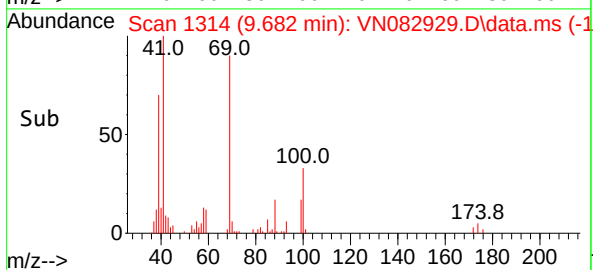
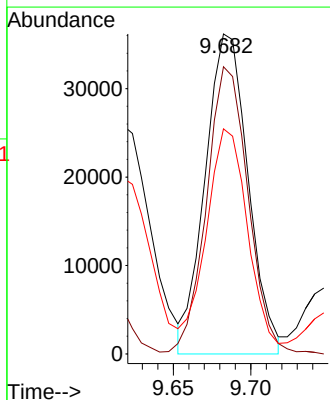
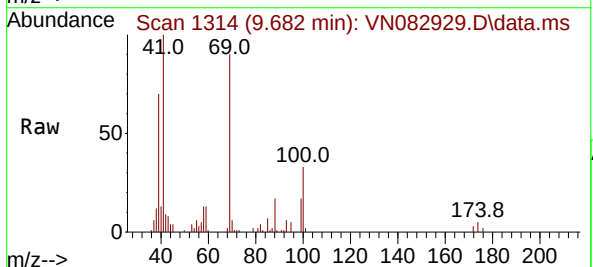
Manual Integrations
APPROVED

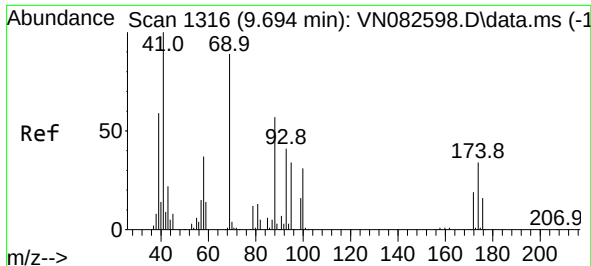
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#48
Methyl methacrylate
Concen: 54.737 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Tgt Ion: 41 Resp: 69683
Ion Ratio Lower Upper
41 100
69 87.3 56.3 84.5#
39 68.4 50.3 75.5





#49

1,4-Dioxane

Concen: 1150.467 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

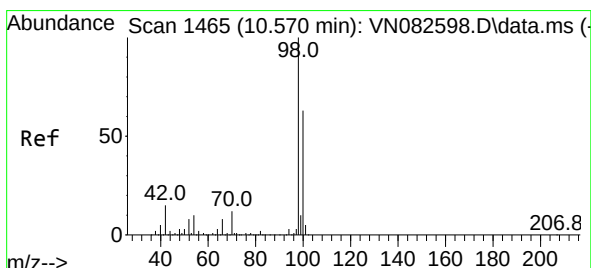
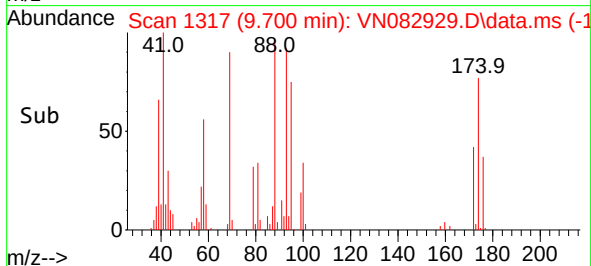
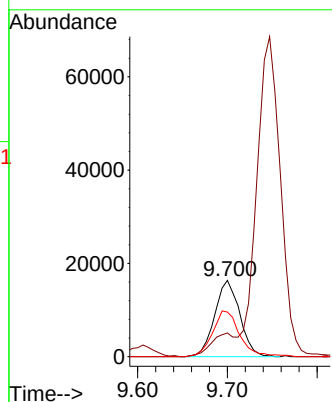
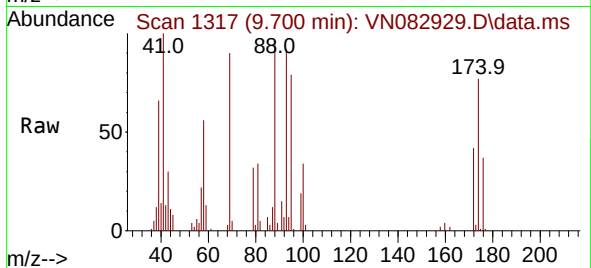
Tgt Ion:	88	Resp:	3174
Ion	Ratio	Lower	Upper
88	100		
43	31.8	27.8	41.8
58	65.4	59.4	89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#50

Toluene-d8

Concen: 49.822 ug/l

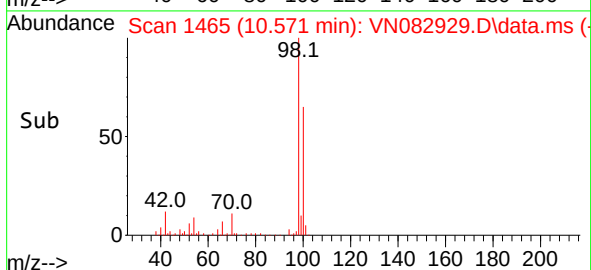
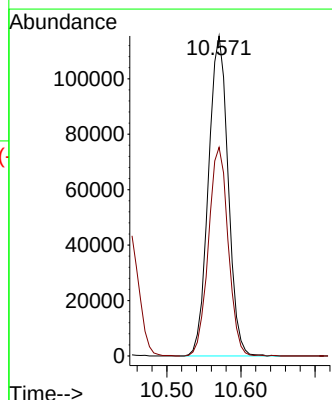
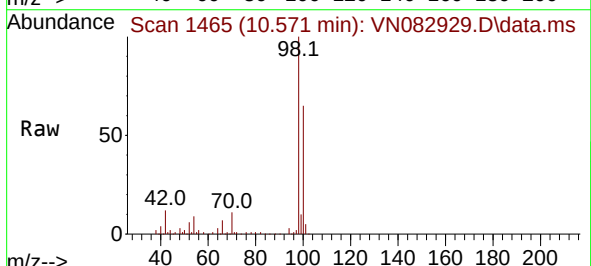
RT: 10.571 min Scan# 1465

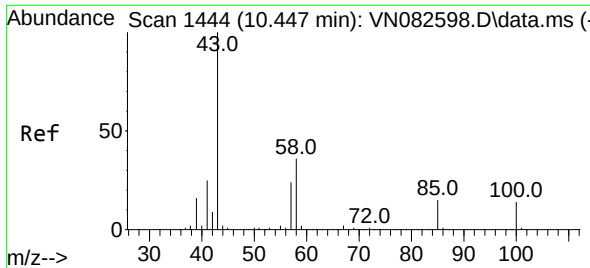
Delta R.T. 0.001 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

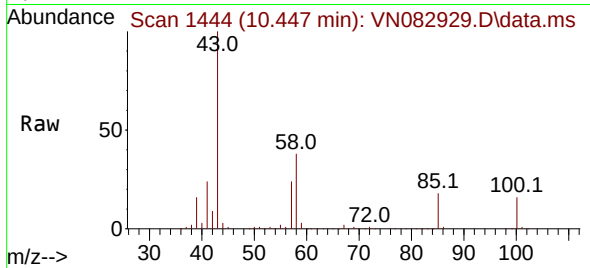
Tgt Ion:	98	Resp:	212839
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 308.352 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

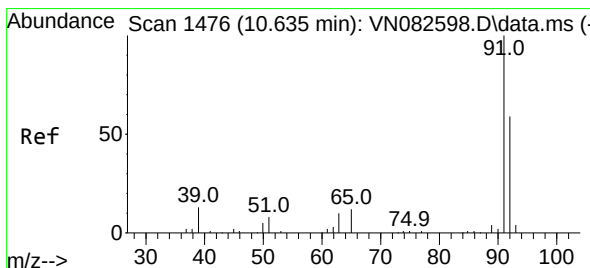
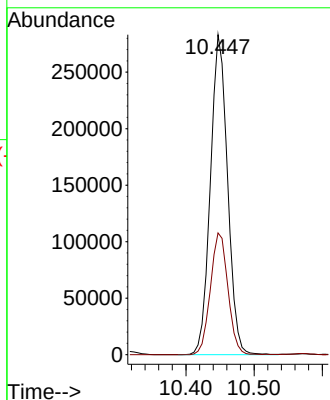
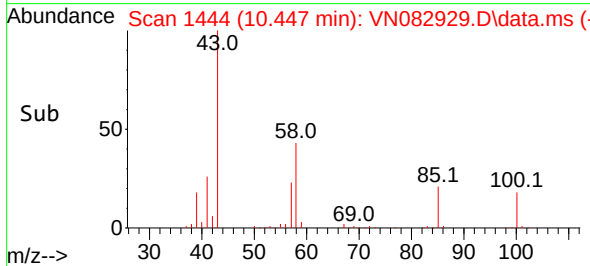
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 496311
Ion Ratio Lower Upper
43 100
58 38.9 28.2 42.4

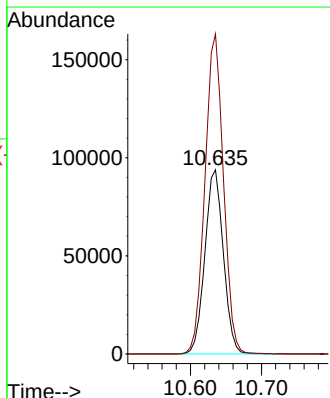
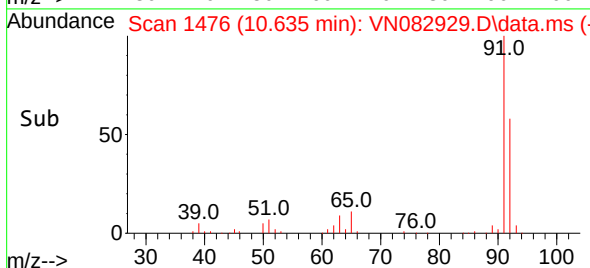
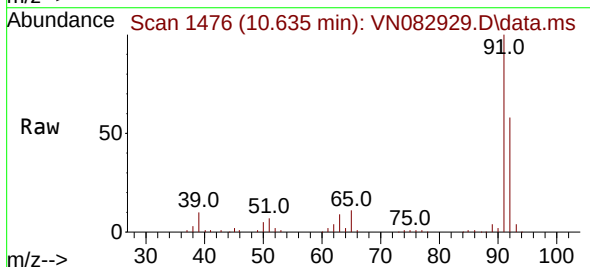
Manual Integrations
APPROVED

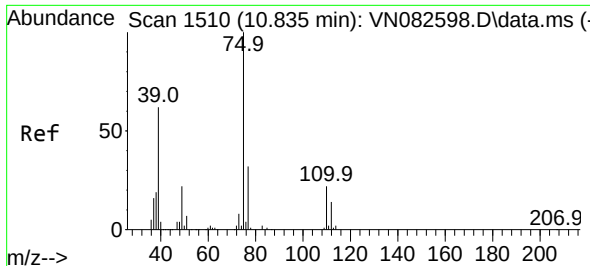
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#52
Toluene
Concen: 55.440 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

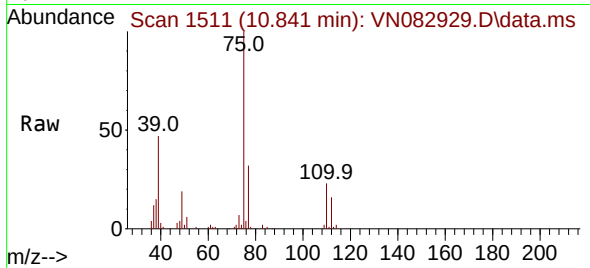
Tgt Ion: 92 Resp: 169881
Ion Ratio Lower Upper
92 100
91 173.9 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 54.601 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

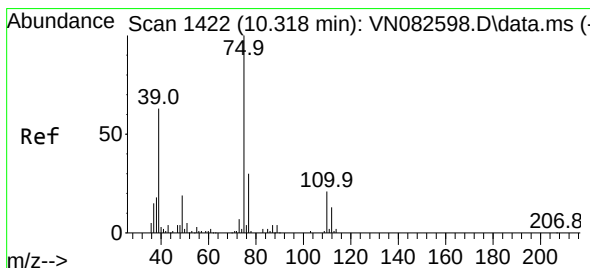
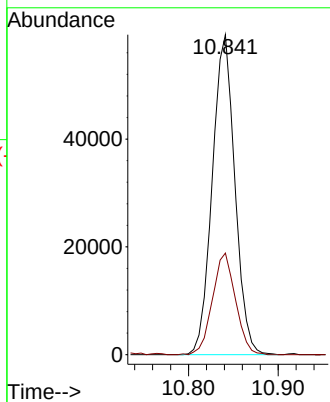
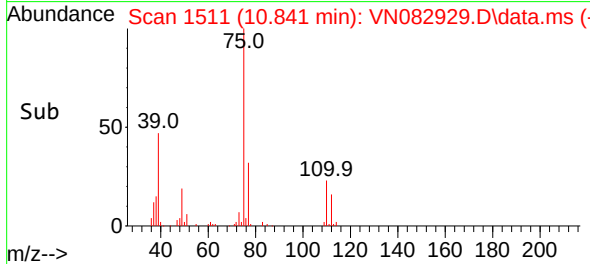
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



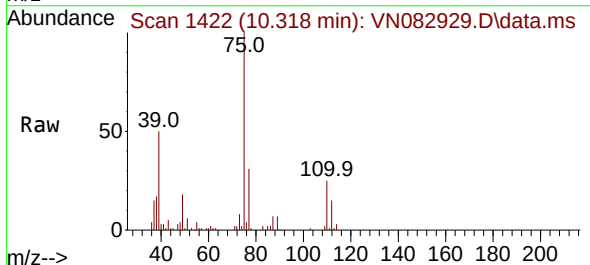
Tgt Ion: 75 Resp: 10369
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5

Manual Integrations
APPROVED

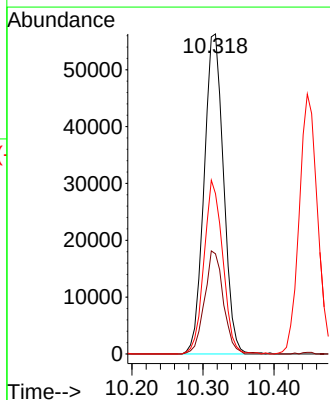
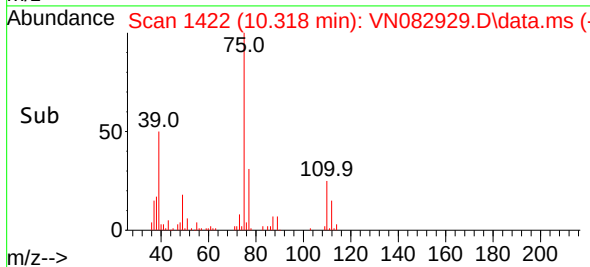
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

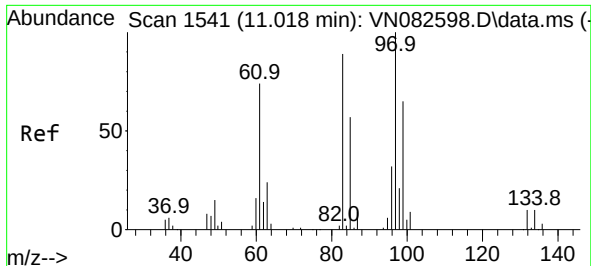


#54
cis-1,3-Dichloropropene
Concen: 53.376 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03



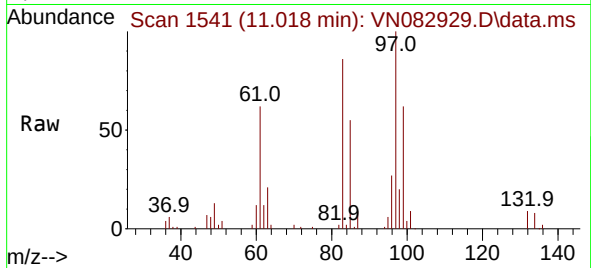
Tgt Ion: 75 Resp: 107294
Ion Ratio Lower Upper
75 100
77 31.3 24.3 36.5
39 50.1 50.5 75.7#





#55
1,1,2-Trichloroethane
Concen: 58.474 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

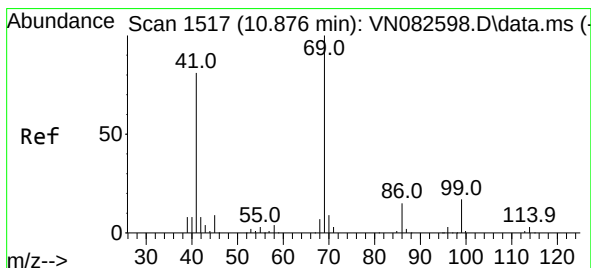
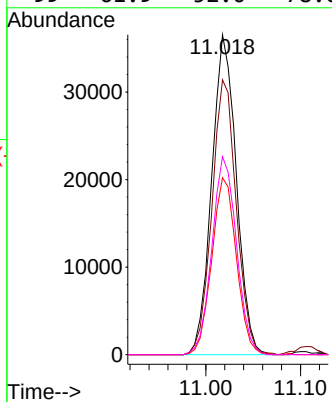
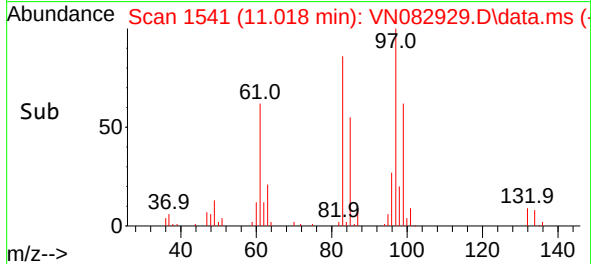
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



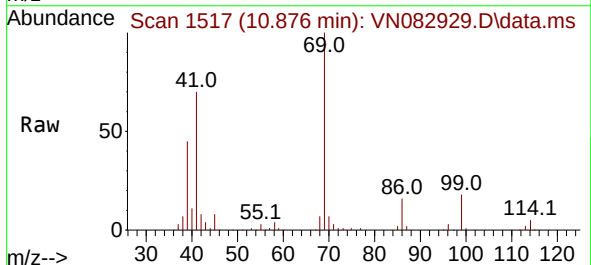
Tgt Ion: 97 Resp: 6588
Ion Ratio Lower Upper
97 100
83 85.9 71.4 107.0
85 55.3 45.8 68.6
99 61.9 52.0 78.0

Manual Integrations
APPROVED

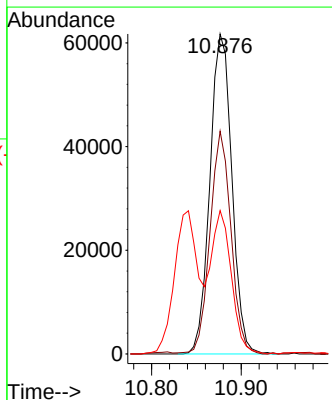
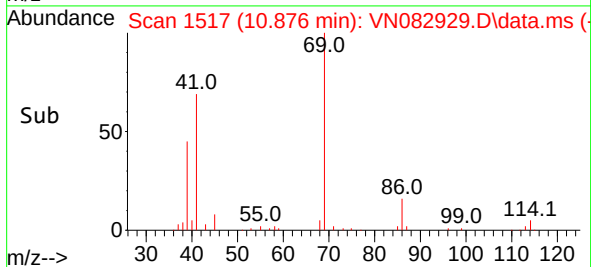
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

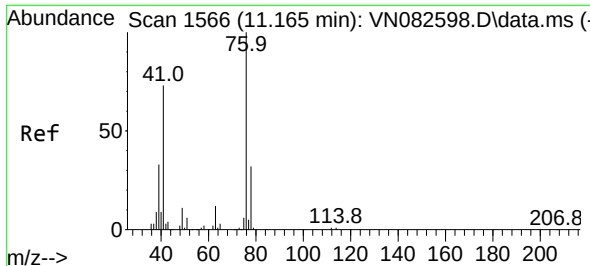


#56
Ethyl methacrylate
Concen: 59.838 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03



Tgt Ion: 69 Resp: 104899
Ion Ratio Lower Upper
69 100
41 66.4 63.4 95.2
39 41.1 37.4 56.0





#57

1,3-Dichloropropane

Concen: 56.409 ug/l

RT: 11.165 min Scan# 112509

Delta R.T. -0.000 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 112509

Ion Ratio Lower Upper

76 100

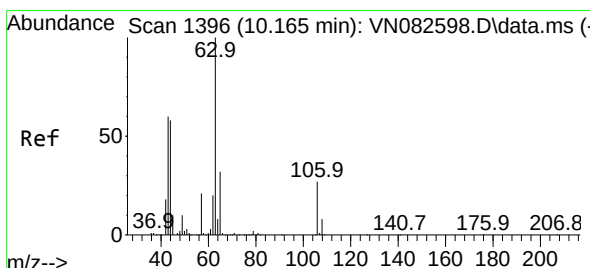
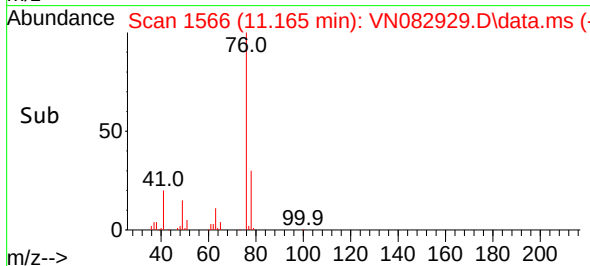
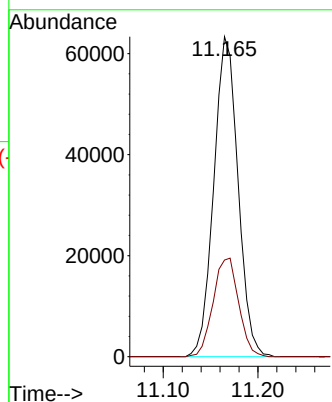
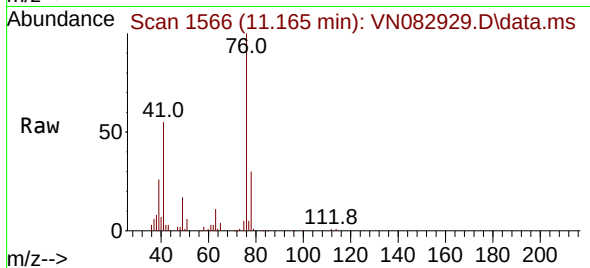
78 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 302.837 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN082929.D

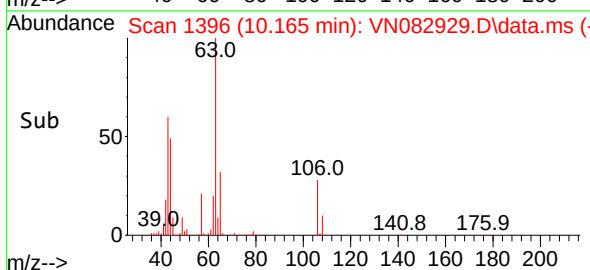
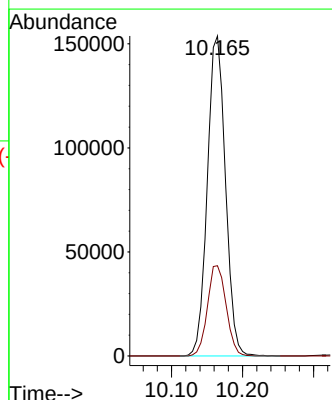
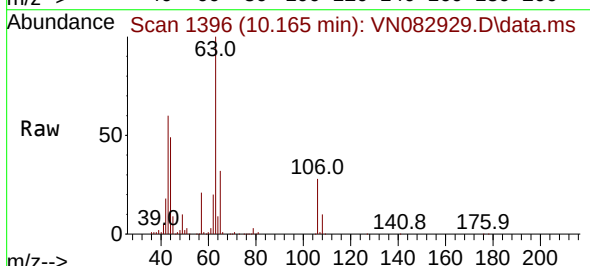
Acq: 16 Jul 2024 12:03

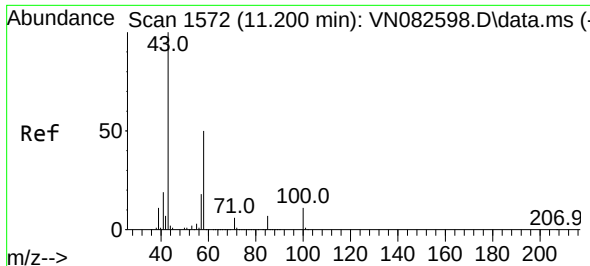
Tgt Ion: 63 Resp: 272412

Ion Ratio Lower Upper

63 100

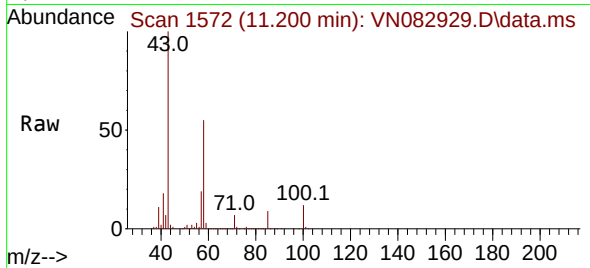
106 29.1 21.4 32.0





#59
2-Hexanone
Concen: 323.339 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

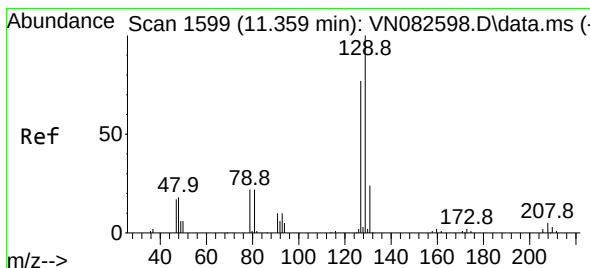
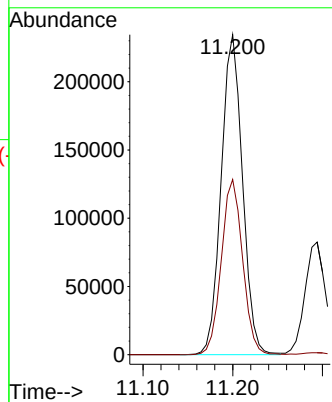
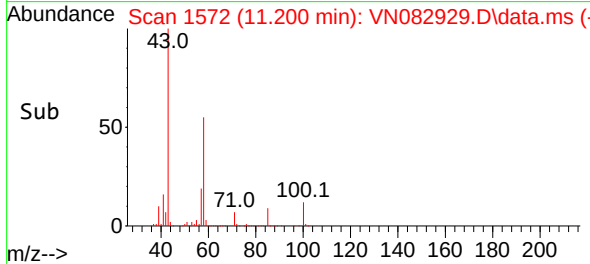
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 38693
Ion Ratio Lower Upper
43 100
58 54.6 24.6 73.8

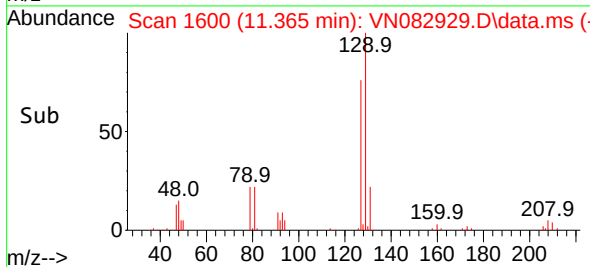
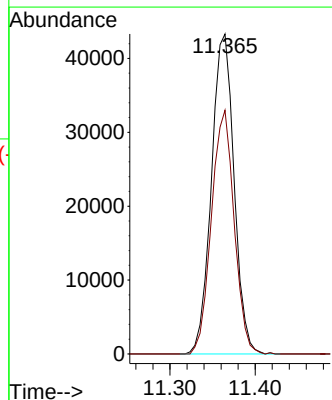
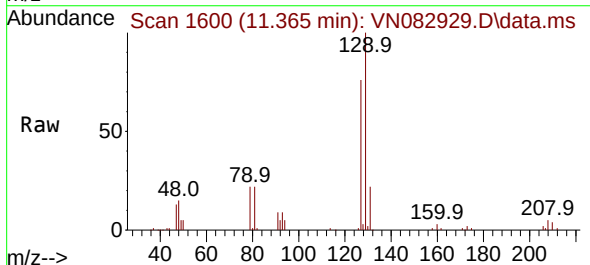
Manual Integrations
APPROVED

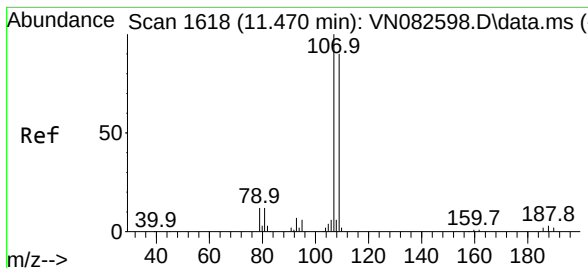
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#60
Dibromochloromethane
Concen: 55.645 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Tgt Ion:129 Resp: 79858
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6





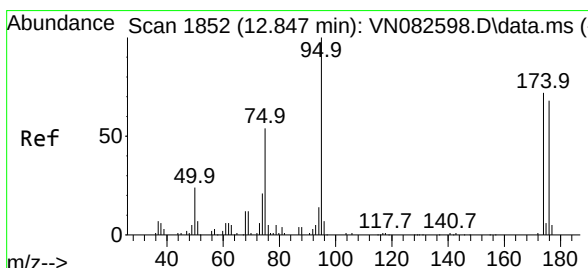
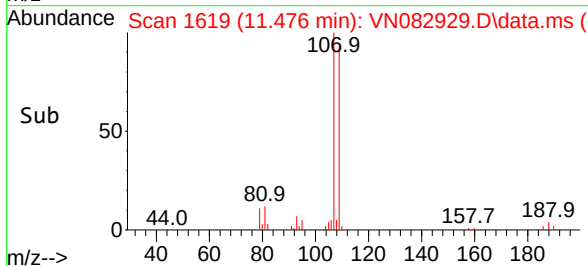
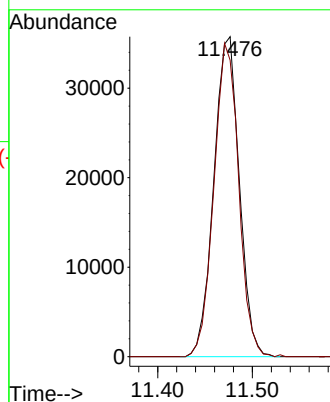
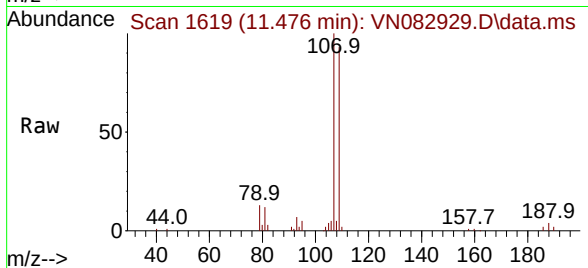
#61
1,2-Dibromoethane
Concen: 55.839 ug/l
RT: 11.476 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 6681
Ion Ratio Lower Upper
107 100
109 95.4 73.7 110.5

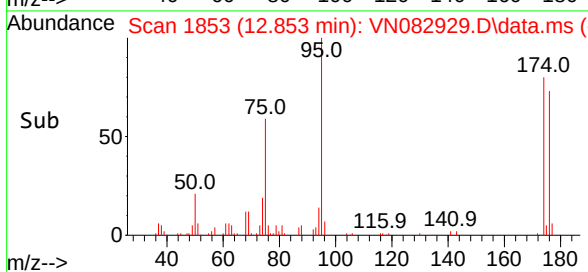
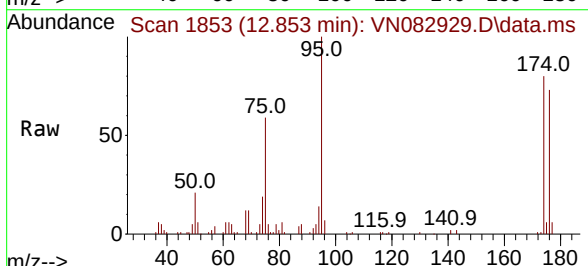
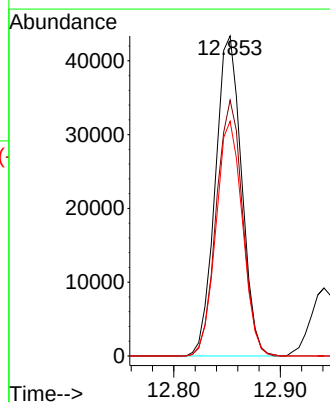
Manual Integrations
APPROVED

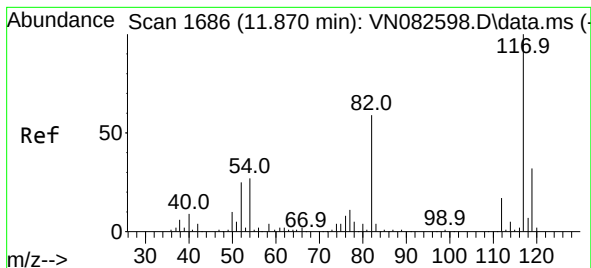
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#62
4-Bromofluorobenzene
Concen: 48.421 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

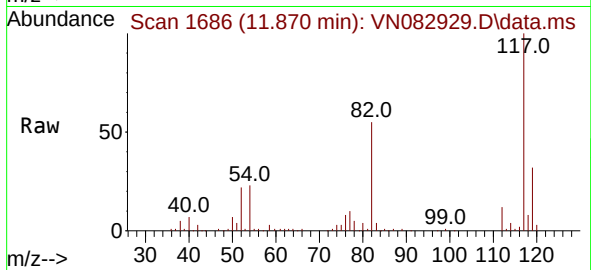
Tgt Ion: 95 Resp: 74304
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.2
176 74.0 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

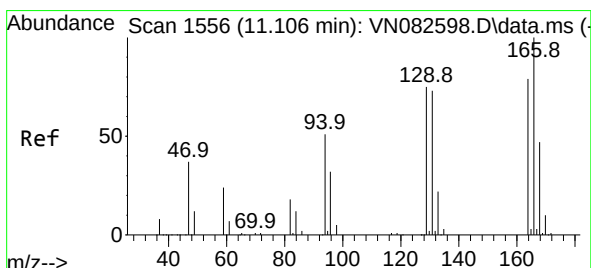
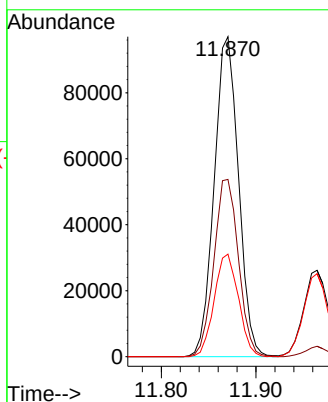
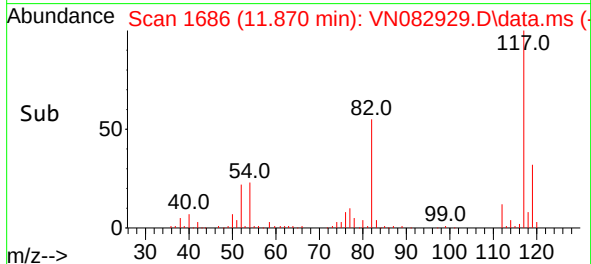
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 173075
Ion Ratio Lower Upper
117 100
82 55.4 47.5 71.3
119 32.1 25.6 38.4

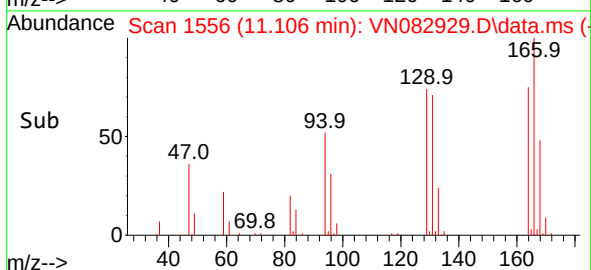
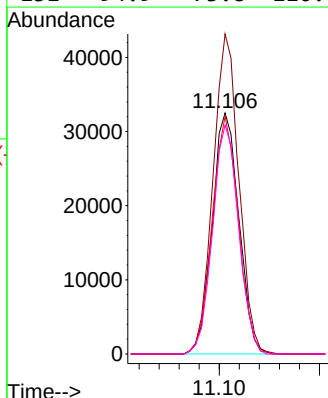
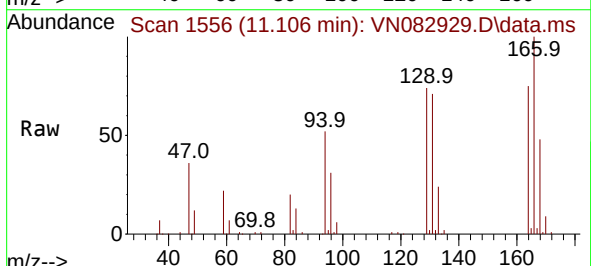
Manual Integrations
APPROVED

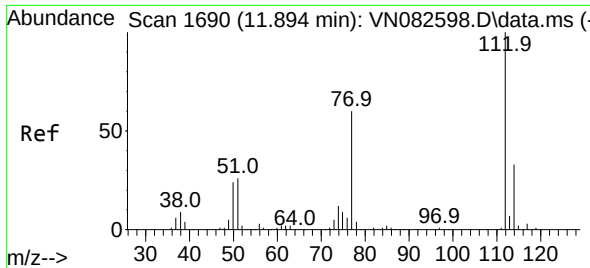
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#64
Tetrachloroethene
Concen: 46.469 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

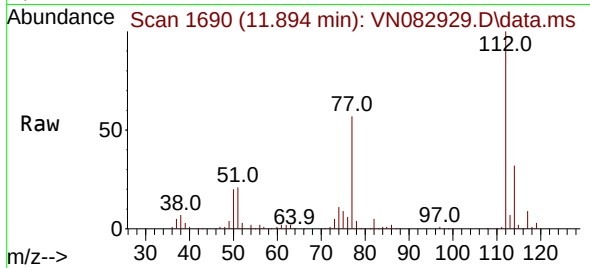
Tgt Ion:164 Resp: 60004
Ion Ratio Lower Upper
164 100
166 132.8 101.4 152.0
129 98.7 75.7 113.5
131 94.9 73.8 110.6





#65
Chlorobenzene
Concen: 50.777 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

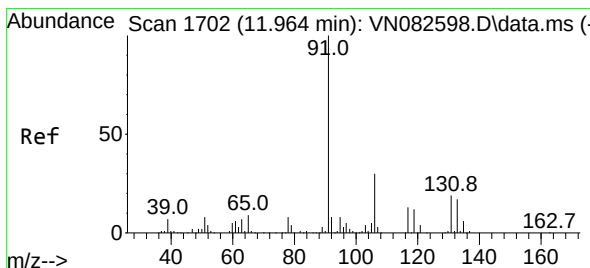
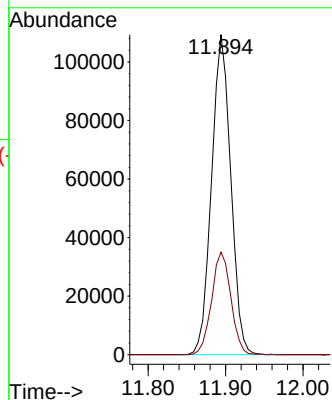
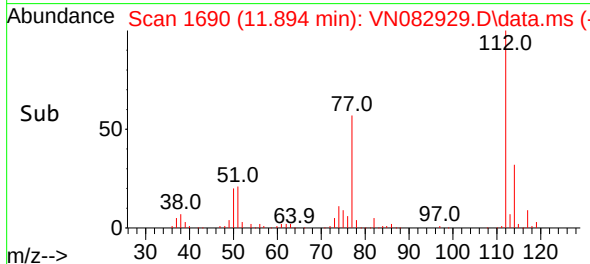
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 18831
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

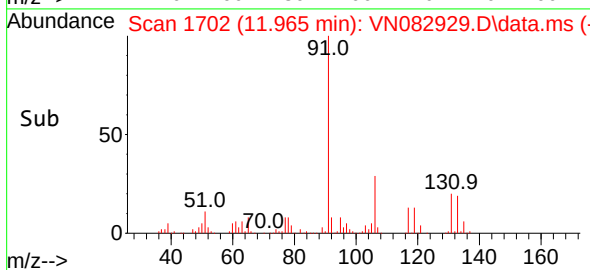
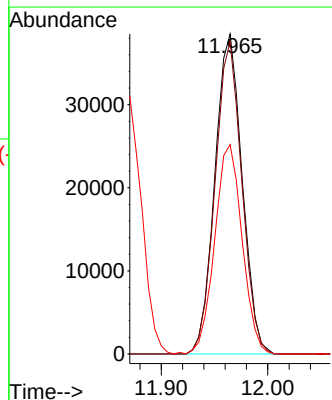
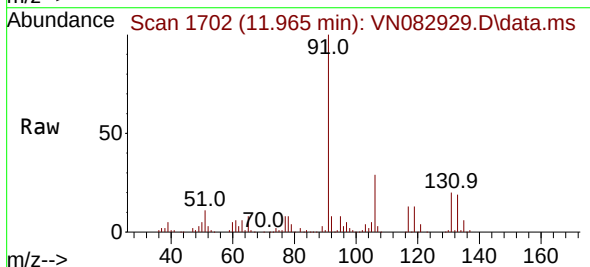
Manual Integrations
APPROVED

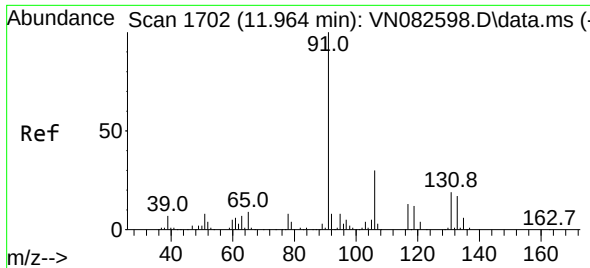
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.803 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Tgt Ion:131 Resp: 68338
Ion Ratio Lower Upper
131 100
133 95.6 47.3 142.0
119 65.9 32.5 97.4





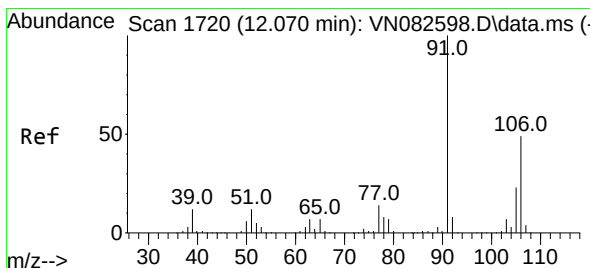
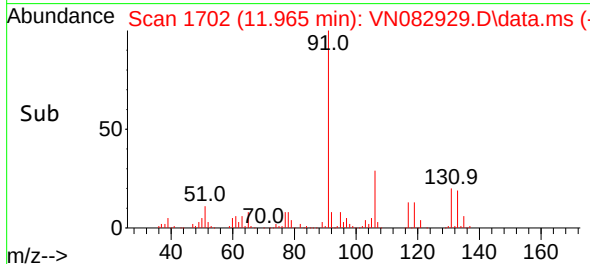
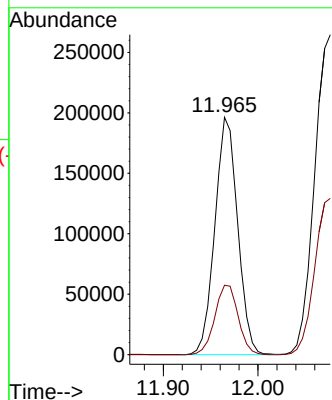
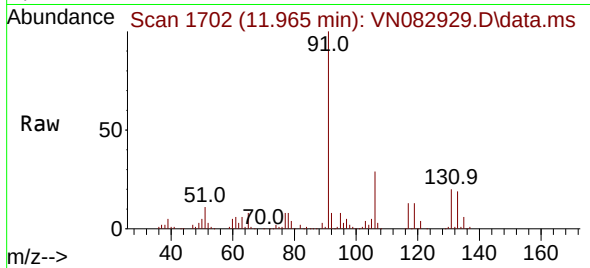
#67
Ethyl Benzene
Concen: 52.640 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 328110
Ion Ratio Lower Upper
91 100
106 29.2 24.0 36.0

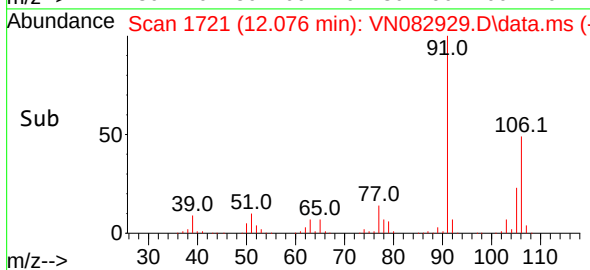
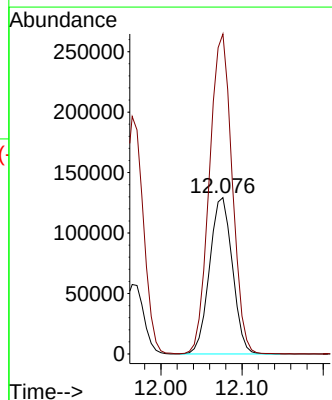
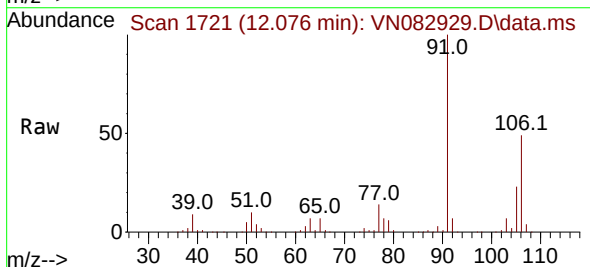
Manual Integrations
APPROVED

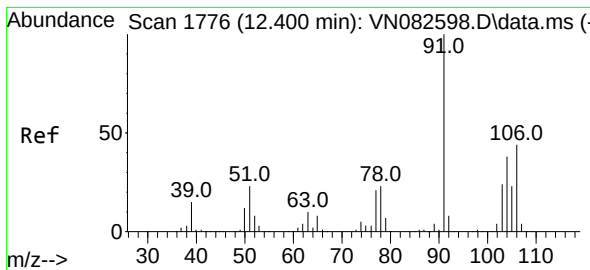
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#68
m/p-Xylenes
Concen: 107.441 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Tgt Ion:106 Resp: 252841
Ion Ratio Lower Upper
106 100
91 203.8 166.1 249.1





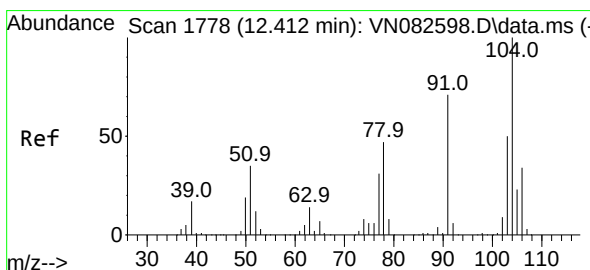
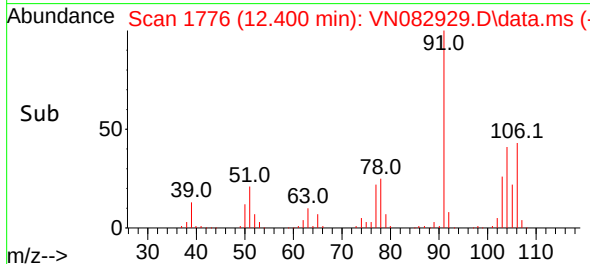
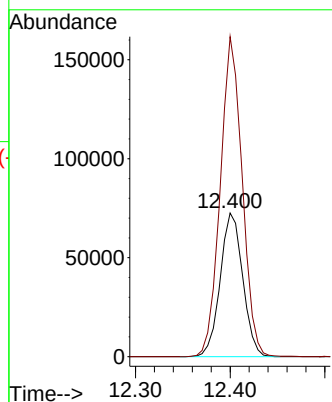
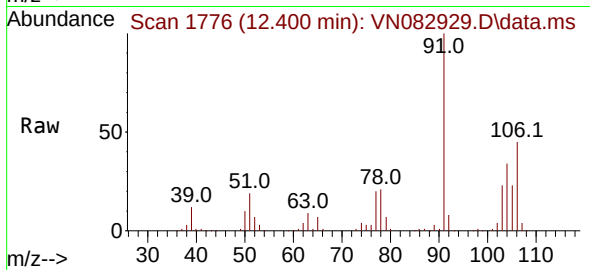
#69
o-Xylene
Concen: 53.212 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 119980
Ion Ratio Lower Upper
106 100
91 217.0 111.3 333.9

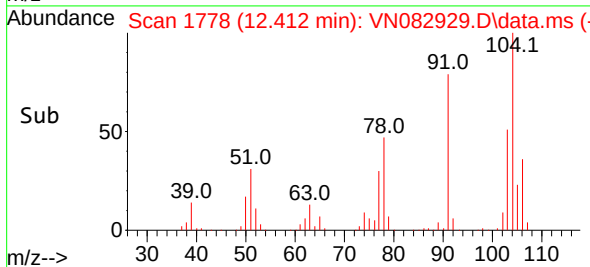
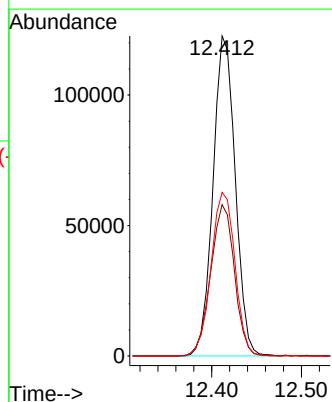
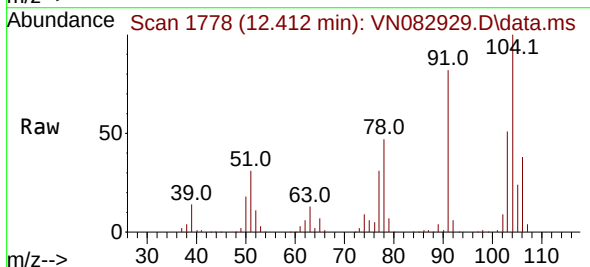
Manual Integrations
APPROVED

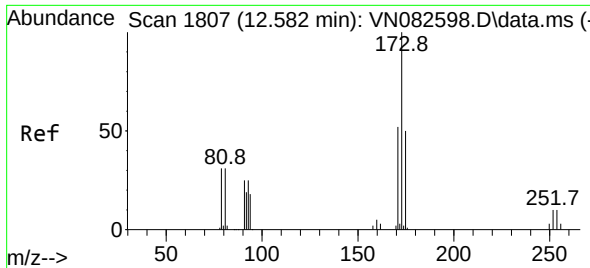
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#70
Styrene
Concen: 56.710 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

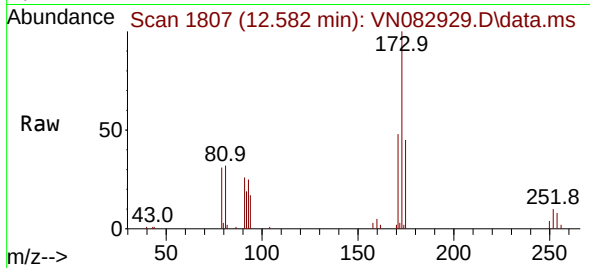
Tgt Ion:104 Resp: 211287
Ion Ratio Lower Upper
104 100
78 50.6 41.6 62.4
103 55.0 44.0 66.0





#71
Bromoform
Concen: 54.358 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

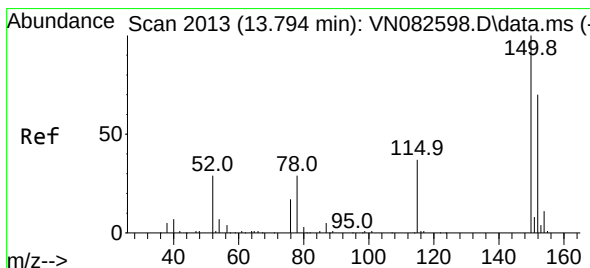
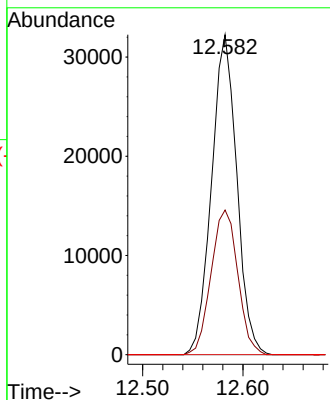
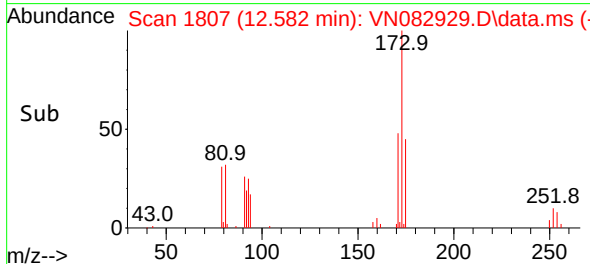
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 56394
Ion Ratio Lower Upper
173 100
175 47.9 24.0 72.0
254 0.0 0.0 0.0

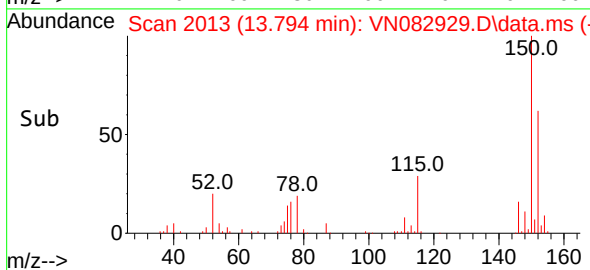
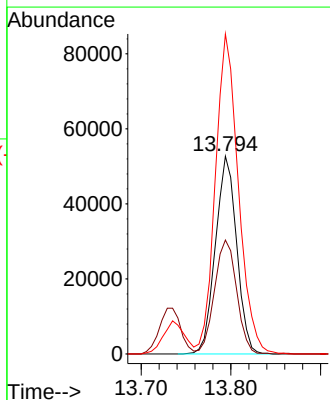
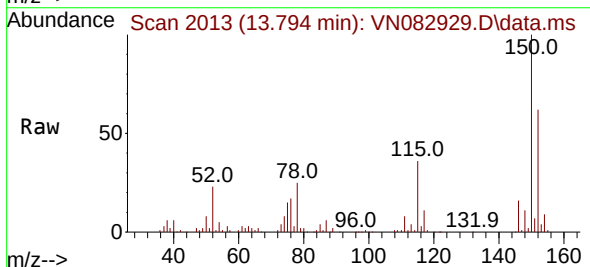
Manual Integrations
APPROVED

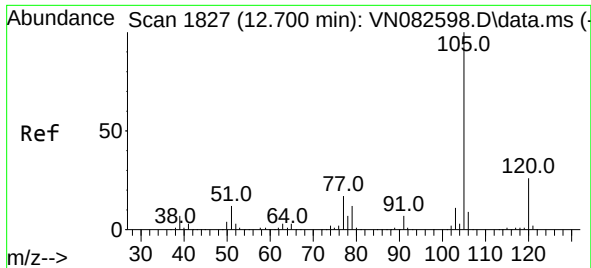
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Tgt Ion:152 Resp: 86605
Ion Ratio Lower Upper
152 100
115 60.2 30.6 91.6
150 175.5 0.0 348.6





#73
Isopropylbenzene
Concen: 48.303 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

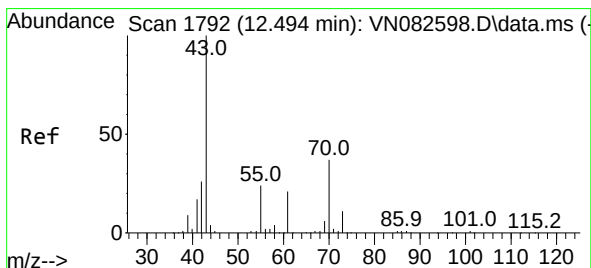
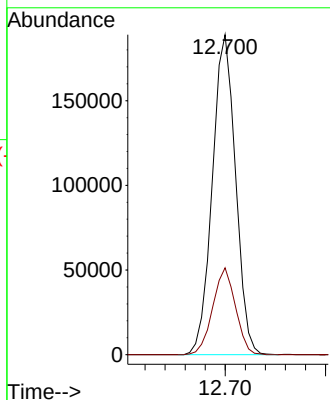
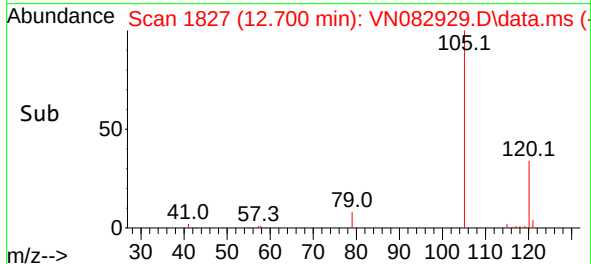
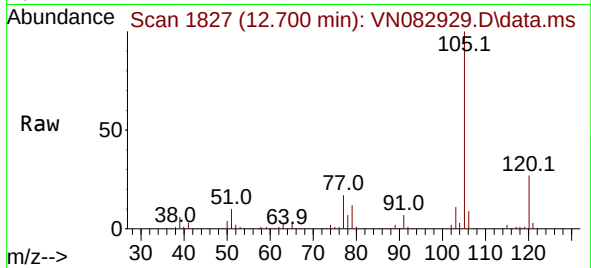
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 30397
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

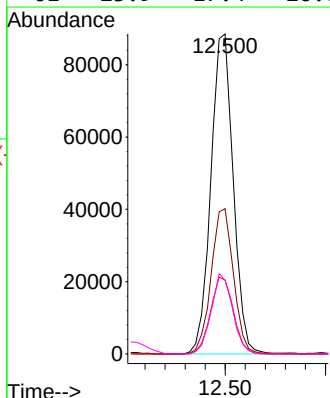
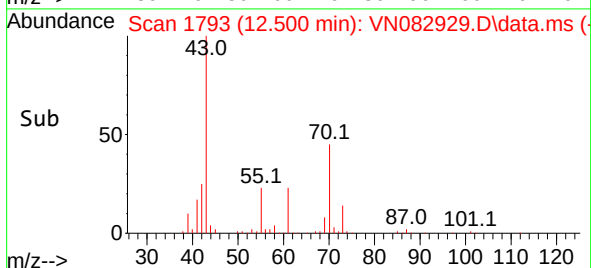
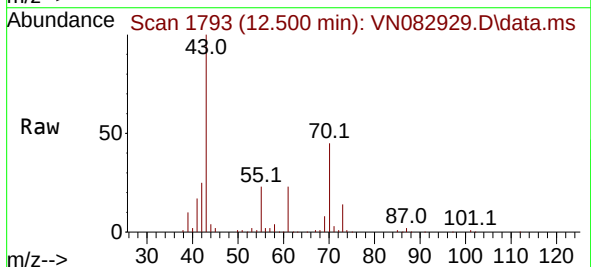
Manual Integrations
APPROVED

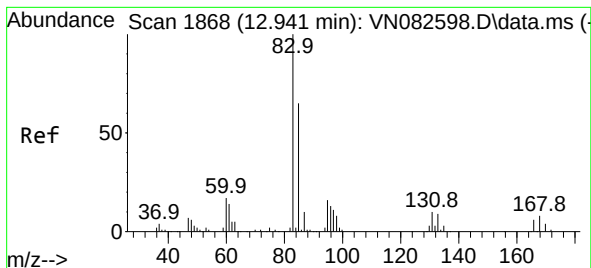
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#74
N-ethyl acetate
Concen: 52.653 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

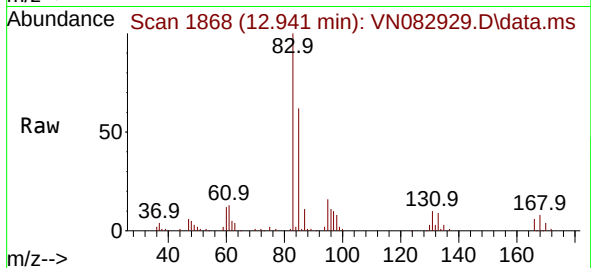
Tgt Ion: 43 Resp: 137060
Ion Ratio Lower Upper
43 100
70 45.4 29.8 44.6#
55 24.7 18.7 28.1
61 23.9 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 52.449 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

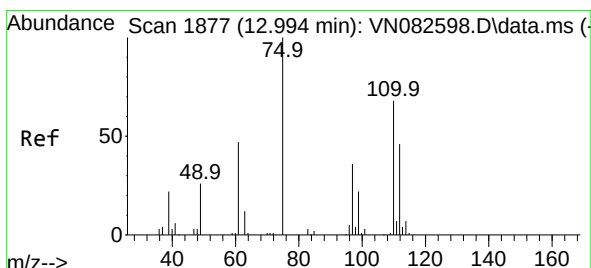
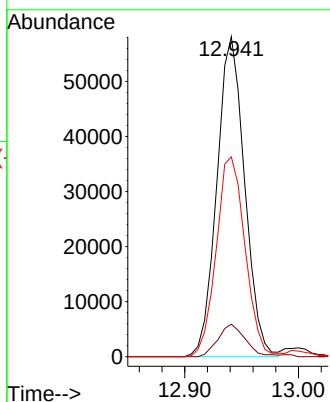
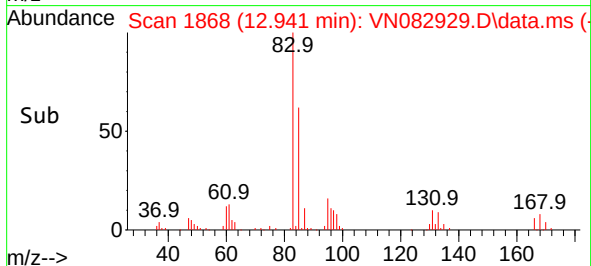
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 98852
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 64.9 31.9 95.7

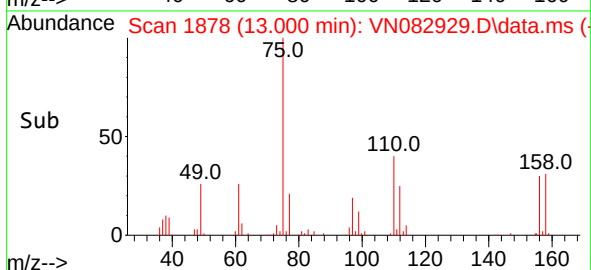
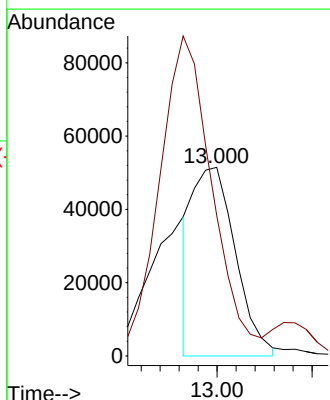
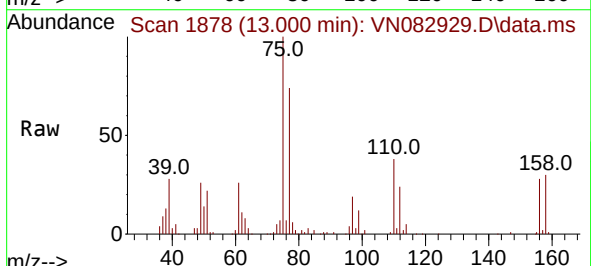
Manual Integrations
APPROVED

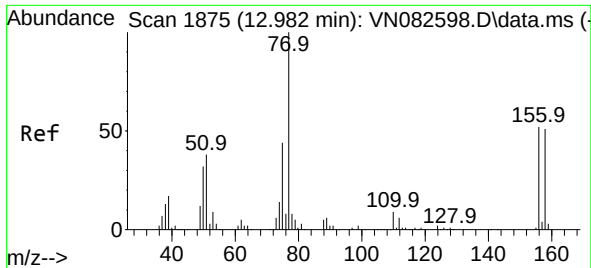
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#76
1,2,3-Trichloropropane
Concen: 53.925 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

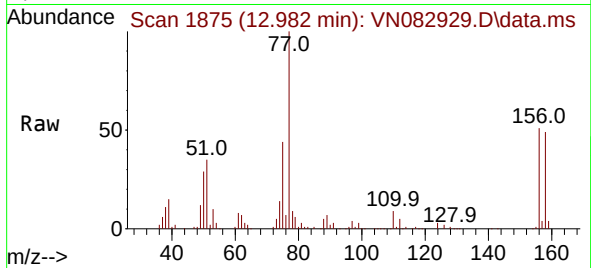
Tgt Ion: 75 Resp: 80517
Ion Ratio Lower Upper
75 100
77 210.0 110.9 332.6





#77
Bromobenzene
Concen: 46.667 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

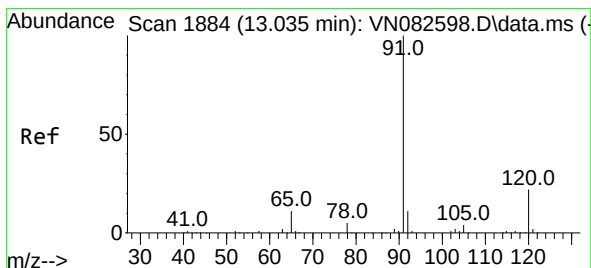
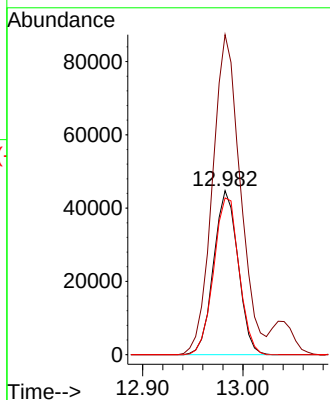
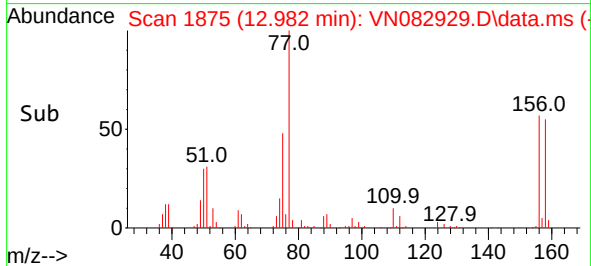
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



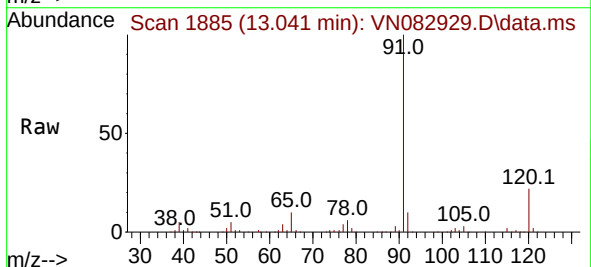
Tgt Ion:156 Resp: 75764
Ion Ratio Lower Upper
156 100
77 223.2 111.3 333.8
158 99.1 48.3 144.9

Manual Integrations
APPROVED

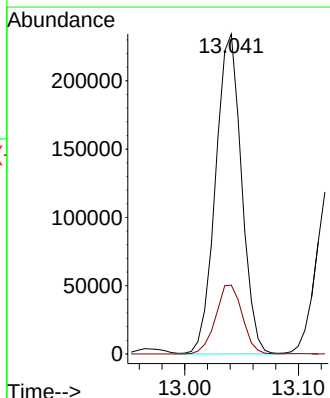
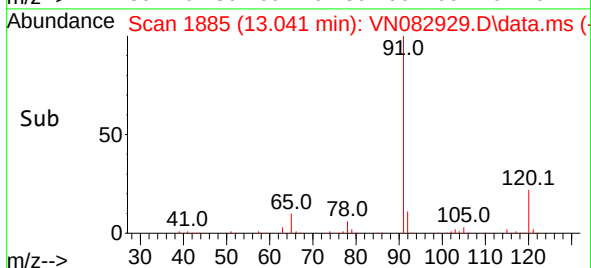
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

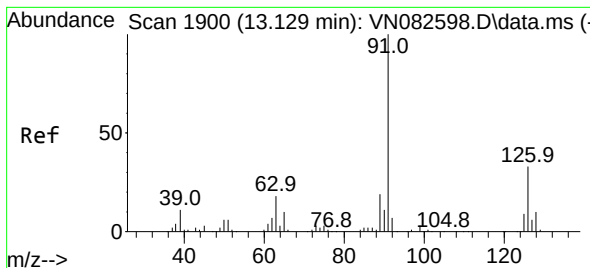


#78
n-propylbenzene
Concen: 51.419 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03



Tgt Ion: 91 Resp: 372046
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9





#79

2-Chlorotoluene

Concen: 48.008 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 221330

Ion Ratio Lower Upper

91 100

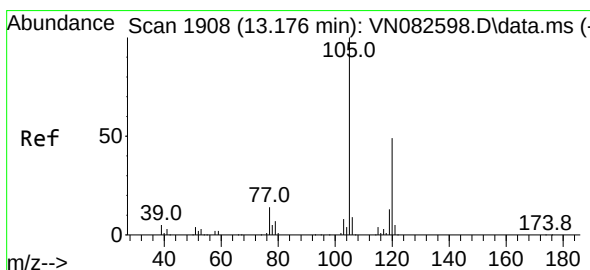
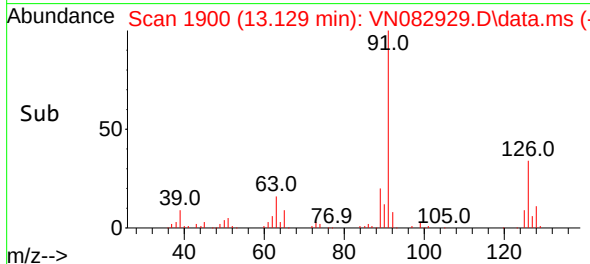
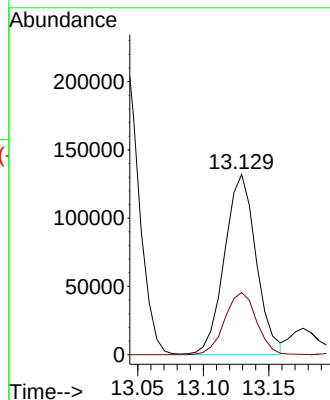
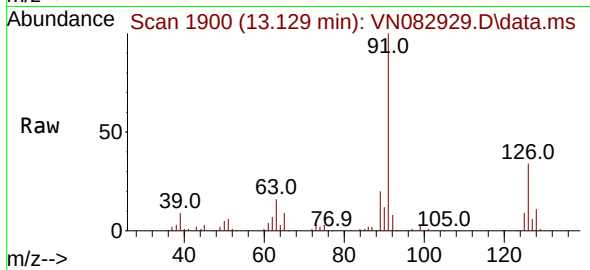
126 34.7 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#80

1,3,5-Trimethylbenzene

Concen: 51.000 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN082929.D

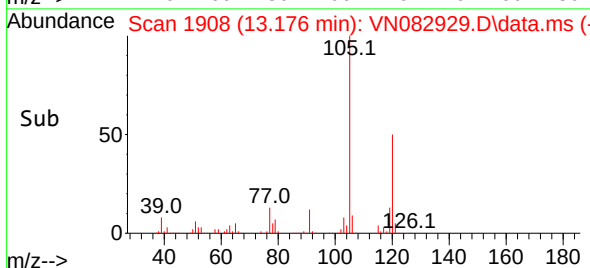
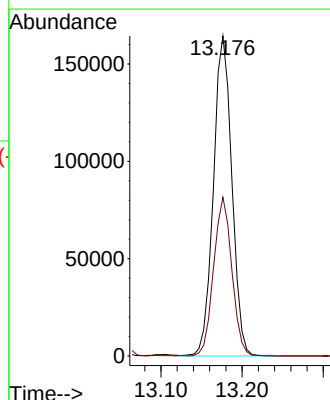
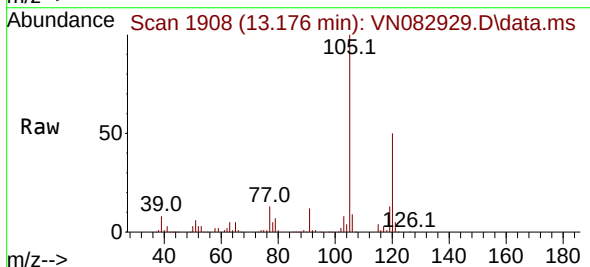
Acq: 16 Jul 2024 12:03

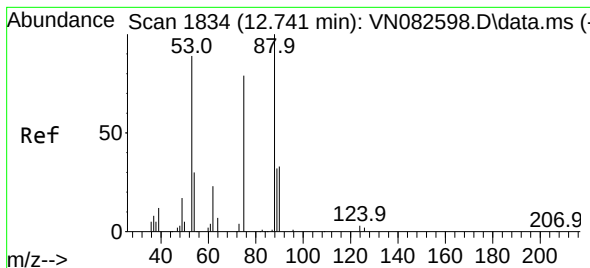
Tgt Ion:105 Resp: 259432

Ion Ratio Lower Upper

105 100

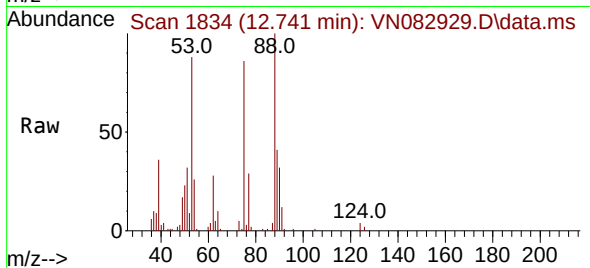
120 49.0 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 56.854 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

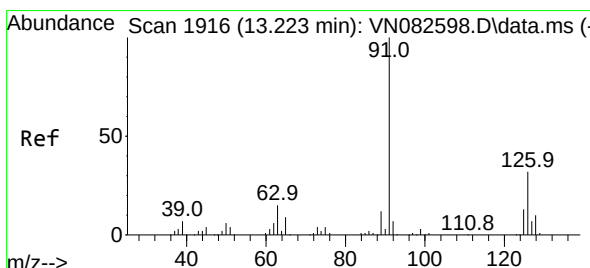
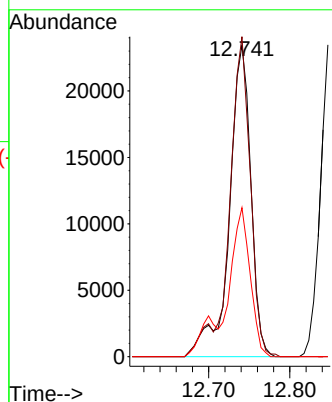
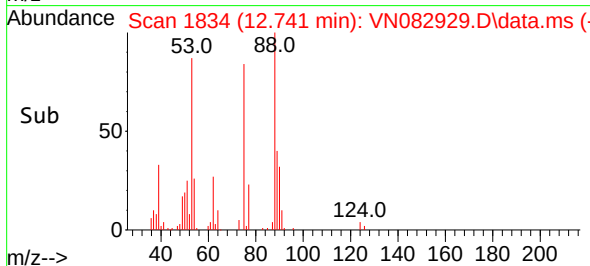
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 4316
Ion Ratio Lower Upper
75 100
53 100.2 88.4 132.6
89 42.5 36.3 54.5

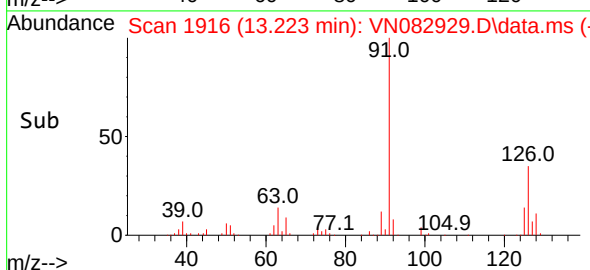
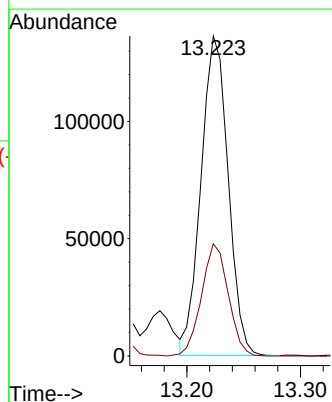
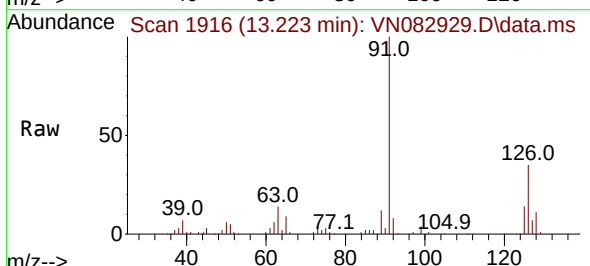
Manual Integrations
APPROVED

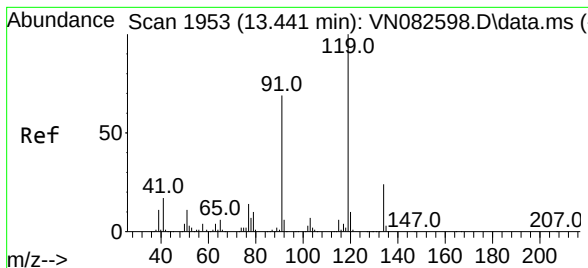
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#82
4-Chlorotoluene
Concen: 49.614 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

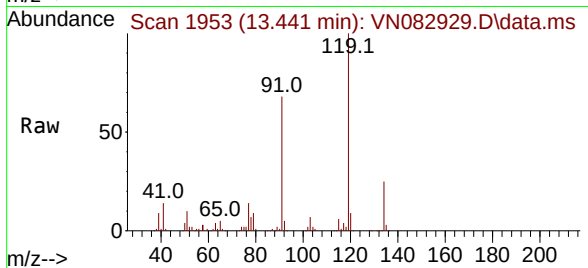
Tgt Ion: 91 Resp: 226399
Ion Ratio Lower Upper
91 100
126 34.5 16.2 48.6





#83
tert-Butylbenzene
Concen: 47.816 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

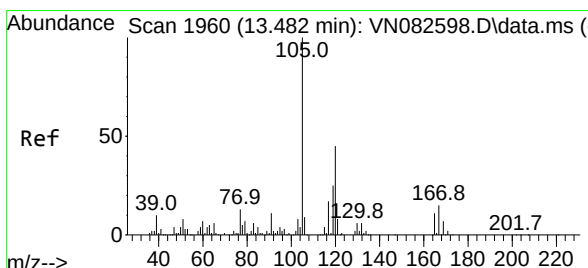
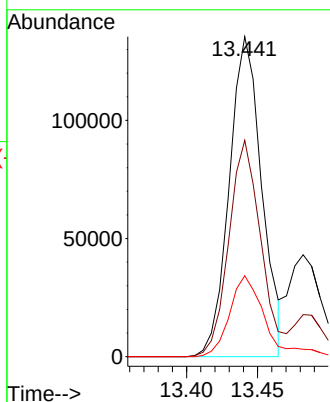
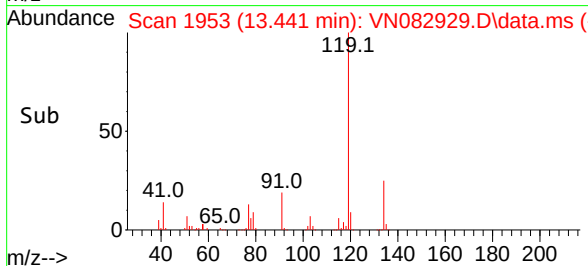
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



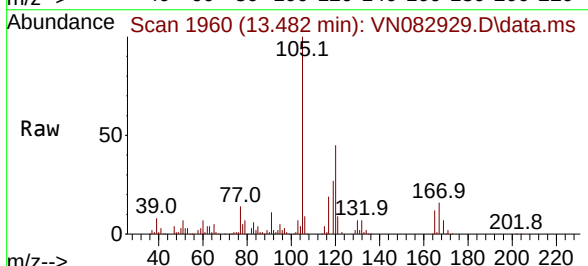
Tgt Ion:119 Resp: 21563
Ion Ratio Lower Upper
119 100
91 67.1 35.0 105.1
134 27.5 13.3 39.8

Manual Integrations
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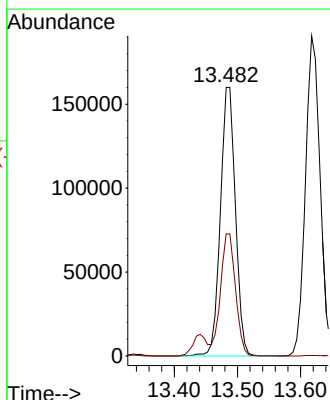
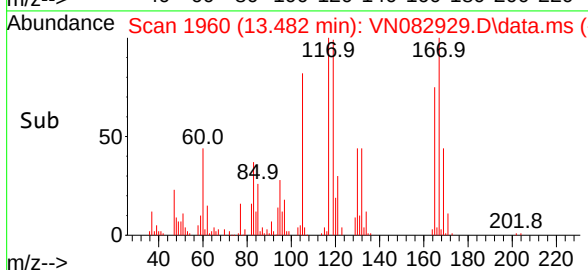
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

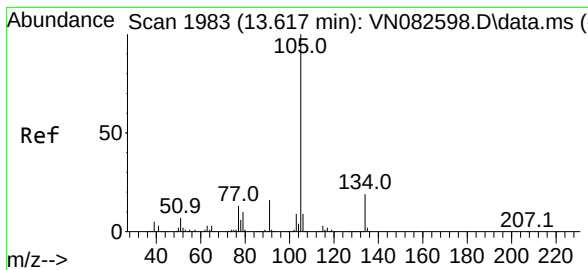


#84
1,2,4-Trimethylbenzene
Concen: 51.135 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03



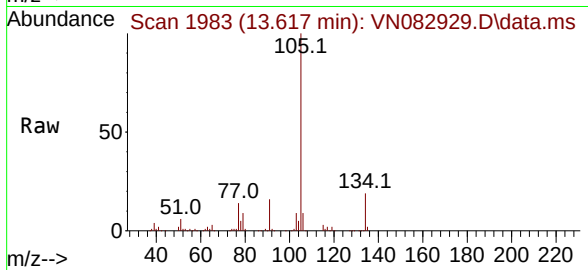
Tgt Ion:105 Resp: 265120
Ion Ratio Lower Upper
105 100
120 45.9 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 50.263 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN082929.D
 Acq: 16 Jul 2024 12:03

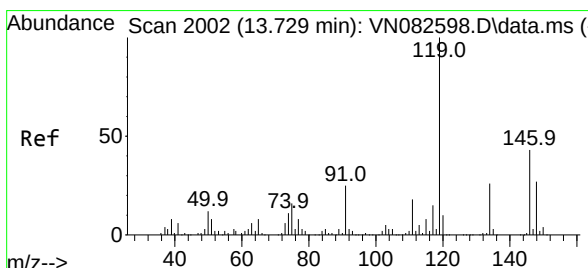
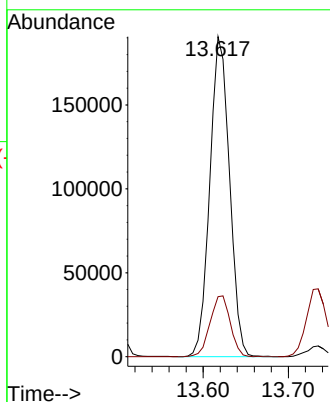
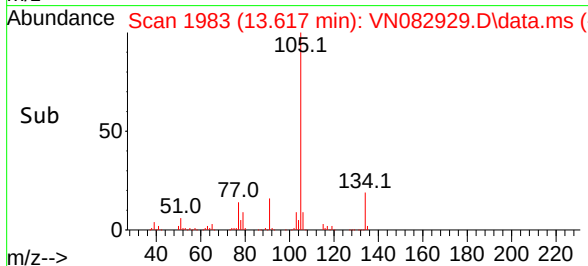
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



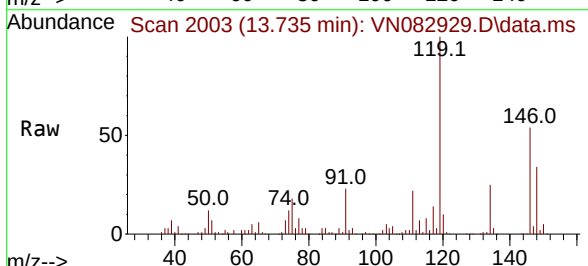
Tgt Ion:105 Resp: 306309
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
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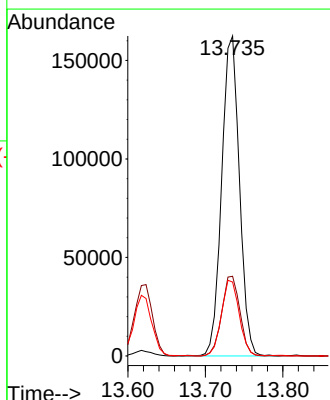
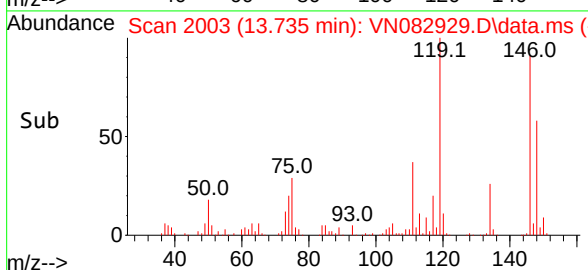
Reviewed By :John Carlone 07/17/2024
 Supervised By :Mahesh Dadoda 07/17/2024

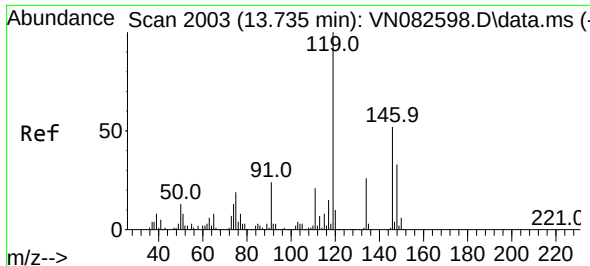


#86
 p-Isopropyltoluene
 Concen: 50.908 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN082929.D
 Acq: 16 Jul 2024 12:03



Tgt Ion:119 Resp: 258842
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 23.9 12.3 36.9





#87
1,3-Dichlorobenzene
Concen: 49.498 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

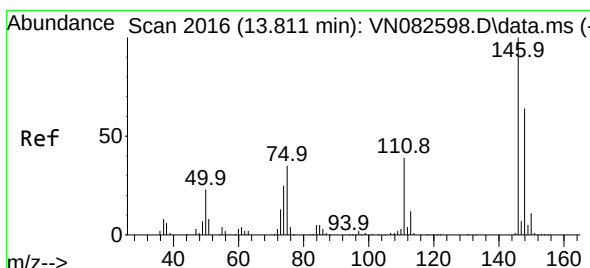
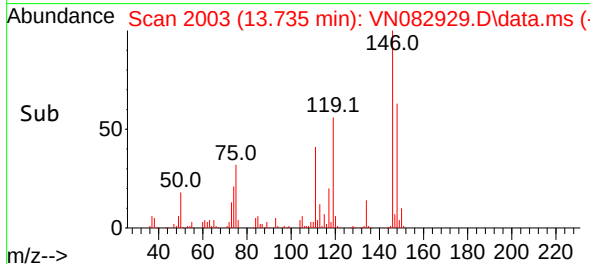
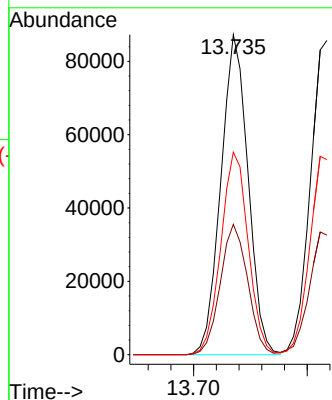
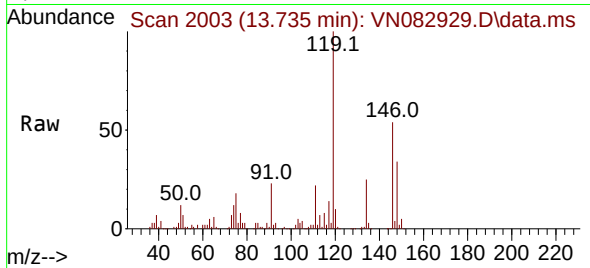
VSTDCCC050

Tgt Ion:146 Resp: 145170
Ion Ratio Lower Upper
146 100
111 41.0 20.6 61.9
148 63.7 31.8 95.3

Manual Integrations

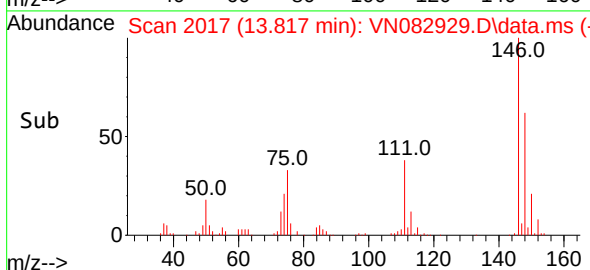
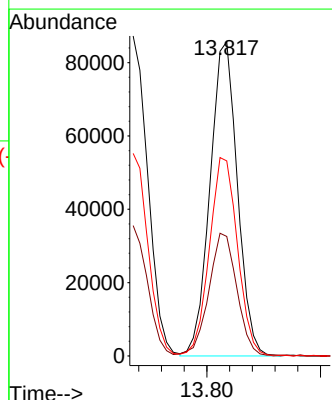
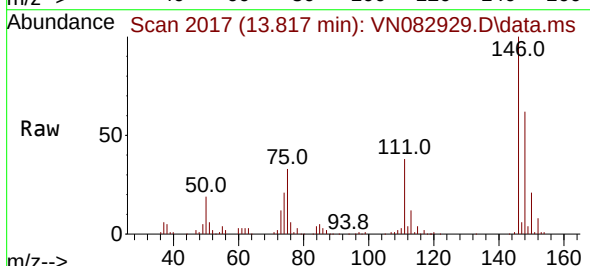
APPROVED

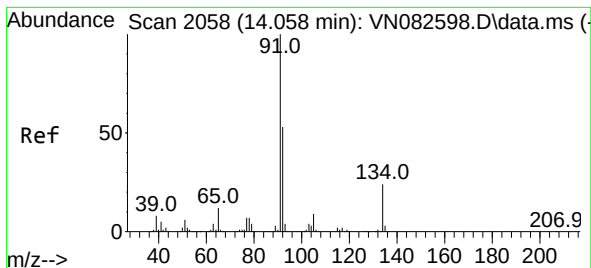
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#88
1,4-Dichlorobenzene
Concen: 47.311 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Tgt Ion:146 Resp: 143498
Ion Ratio Lower Upper
146 100
111 40.2 20.1 60.3
148 64.8 32.2 96.6





#89

n-Butylbenzene

Concen: 50.422 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 219639

Ion Ratio Lower Upper

91 100

92 52.2 26.1 78.3

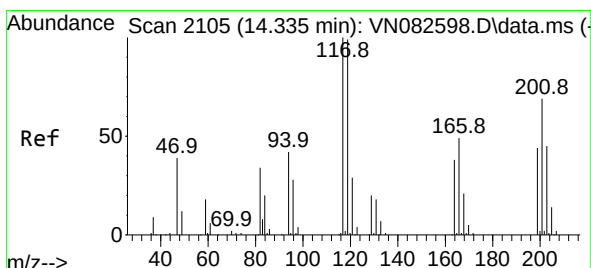
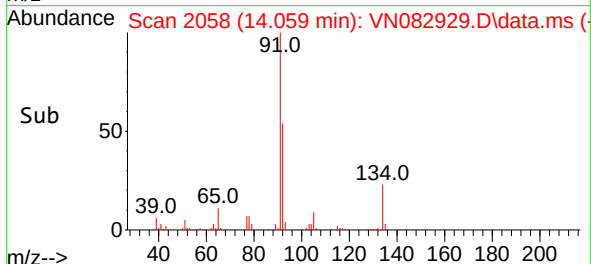
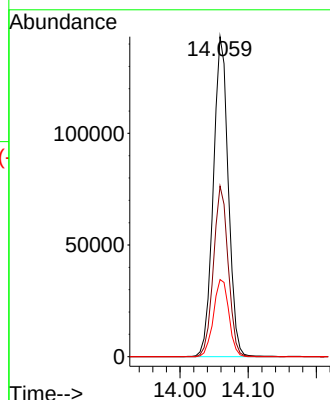
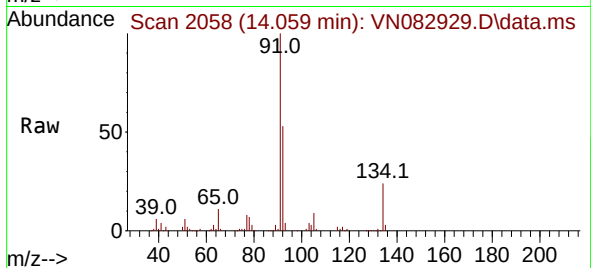
134 24.7 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#90

Hexachloroethane

Concen: 47.979 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN082929.D

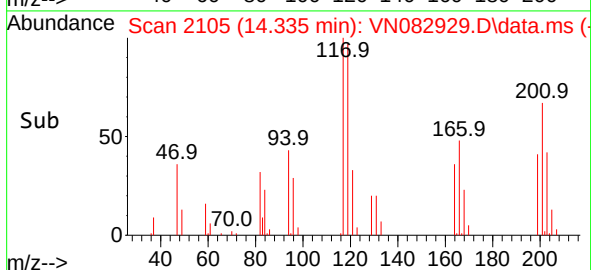
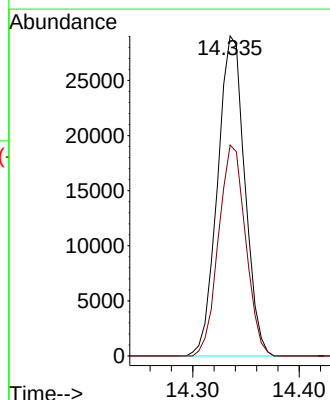
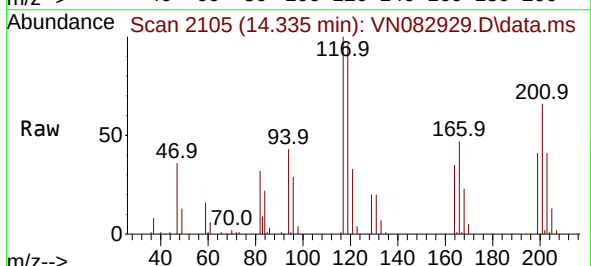
Acq: 16 Jul 2024 12:03

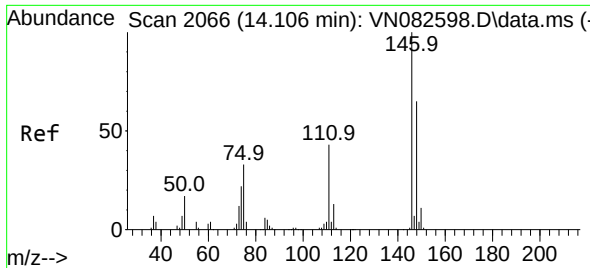
Tgt Ion:117 Resp: 51619

Ion Ratio Lower Upper

117 100

201 65.4 35.8 107.3





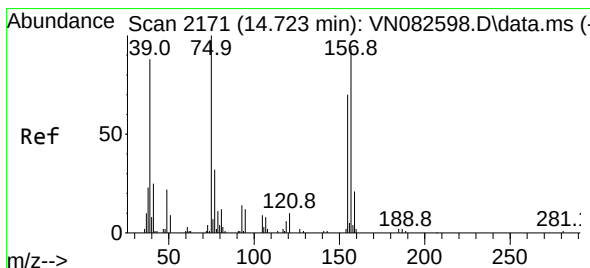
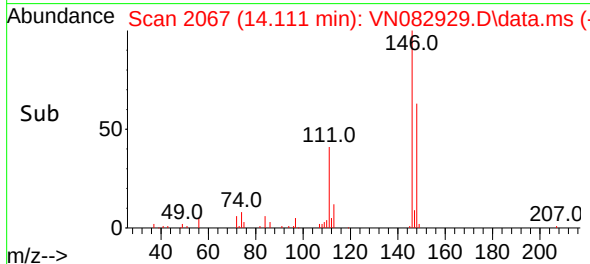
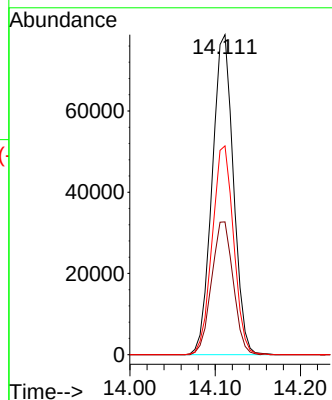
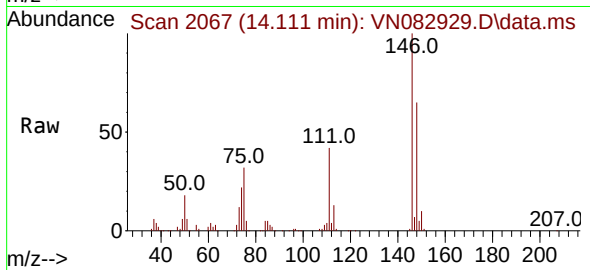
#91
1,2-Dichlorobenzene
Concen: 47.992 ug/l
RT: 14.111 min Scan# 2066
Delta R.T. 0.005 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 136662
Ion Ratio Lower Upper
146 100
111 42.2 21.4 64.2
148 65.7 32.1 96.5

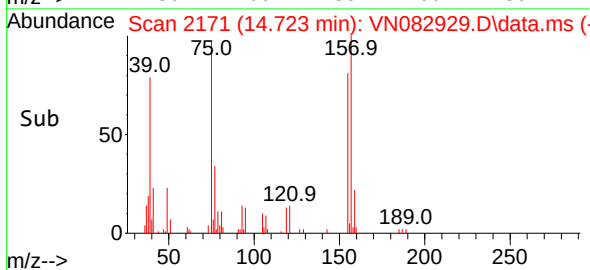
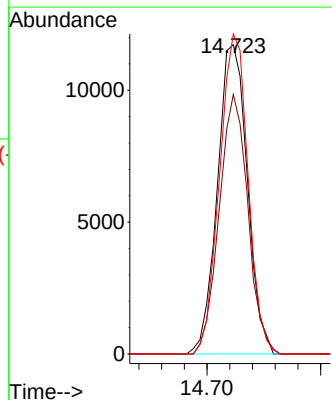
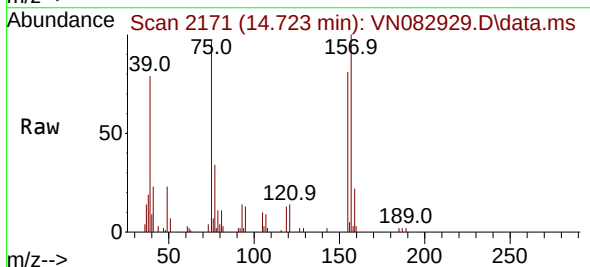
Manual Integrations
APPROVED

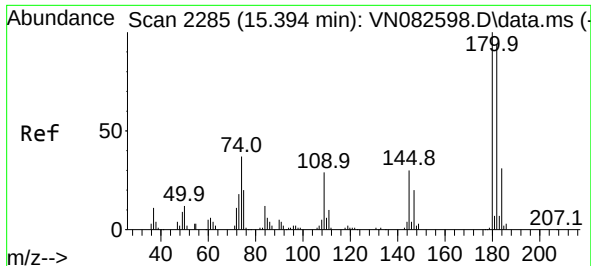
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.173 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

Tgt Ion: 75 Resp: 21441
Ion Ratio Lower Upper
75 100
155 80.4 36.6 109.8
157 98.6 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 45.358 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

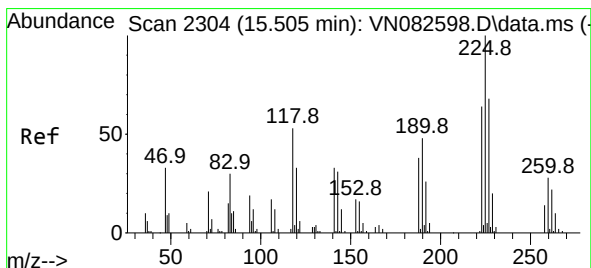
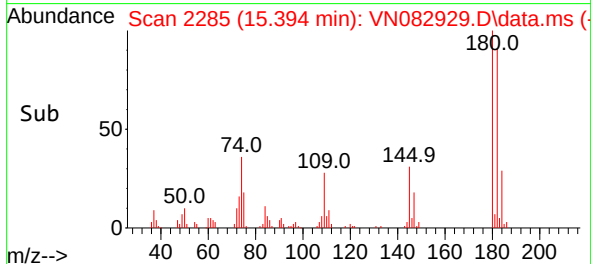
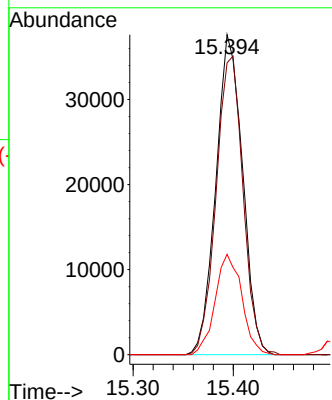
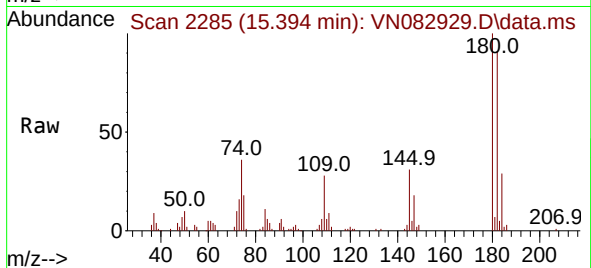
Tgt Ion:	180	Resp:	6957
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.3	141.8
145	31.3	15.7	47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#94

Hexachlorobutadiene

Concen: 44.015 ug/l

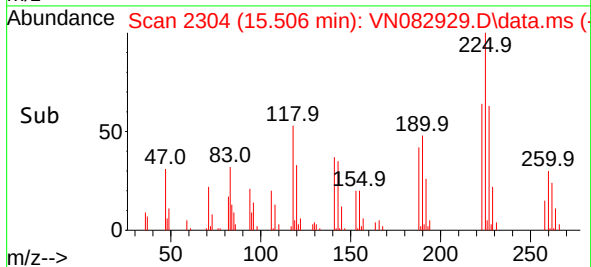
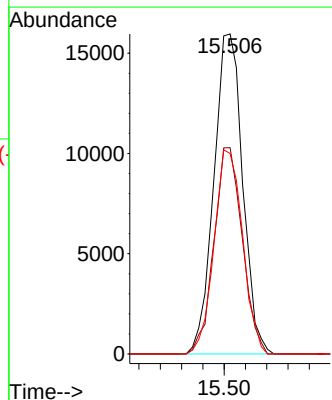
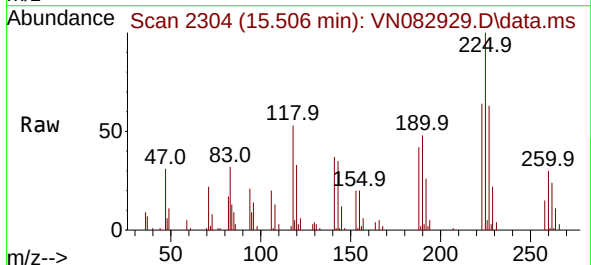
RT: 15.506 min Scan# 2304

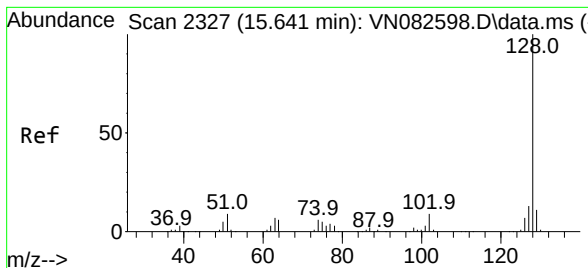
Delta R.T. 0.001 min

Lab File: VN082929.D

Acq: 16 Jul 2024 12:03

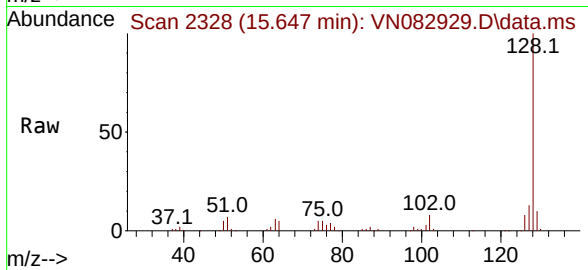
Tgt Ion:	225	Resp:	29929
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.9	95.7
227	63.0	32.5	97.5





#95
Naphthalene
Concen: 52.778 ug/l
RT: 15.647 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03

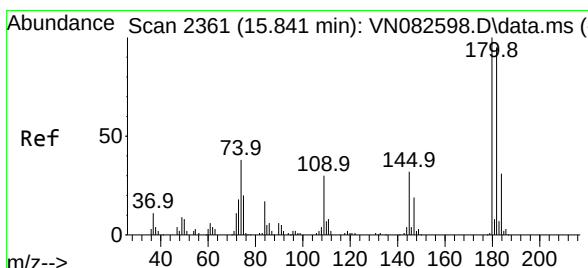
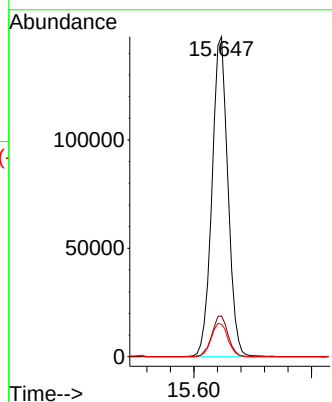
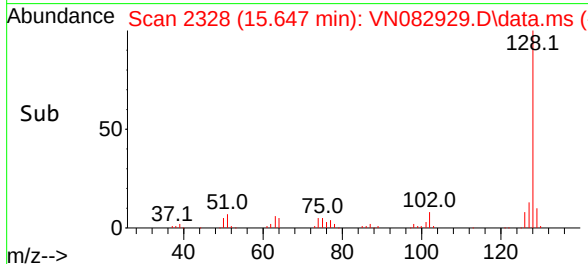
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



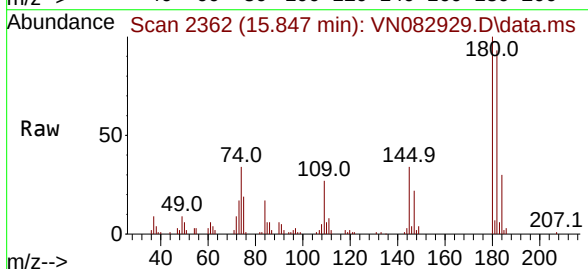
Tgt Ion:128 Resp: 277269
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#96
1,2,3-Trichlorobenzene
Concen: 44.752 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN082929.D
Acq: 16 Jul 2024 12:03



Tgt Ion:180 Resp: 70579
Ion Ratio Lower Upper
180 100
182 96.1 48.9 146.8
145 34.3 16.8 50.4

