

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077918.D
 Acq On : 26 May 2023 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

Quant Time: May 29 00:21:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	424179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	744883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	653739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	279017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	287782	45.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.680%		
35) Dibromofluoromethane	8.177	113	254146	52.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.640%		
50) Toluene-d8	10.570	98	957659	51.222	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.440%		
62) 4-Bromofluorobenzene	12.853	95	328266	49.714	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	207187	42.919	ug/l	98
3) Chloromethane	2.371	50	227227	44.186	ug/l	99
4) Vinyl Chloride	2.524	62	290783	47.776	ug/l	99
5) Bromomethane	2.959	94	214924	47.746	ug/l	99
6) Chloroethane	3.130	64	207033	47.200	ug/l	98
7) Trichlorofluoromethane	3.506	101	424481	50.044	ug/l	97
8) Diethyl Ether	3.971	74	150024	48.449	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	239243	50.967	ug/l	98
10) Methyl Iodide	4.600	142	328413	58.665	ug/l	98
11) Tert butyl alcohol	5.530	59	176482	201.482	ug/l	100
12) 1,1-Dichloroethene	4.353	96	224029	50.215	ug/l	89
13) Acrolein	4.189	56	126970	230.798	ug/l	96
14) Allyl chloride	5.036	41	307433	46.908	ug/l	94
15) Acrylonitrile	5.730	53	509731	217.822	ug/l	98
16) Acetone	4.436	43	524897	262.871	ug/l	99
17) Carbon Disulfide	4.724	76	560594	46.635	ug/l	99
18) Methyl Acetate	5.036	43	366705	43.776	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	790622	48.959	ug/l	99
20) Methylene Chloride	5.283	84	270438	52.119	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	254564	50.796	ug/l	87
22) Diisopropyl ether	6.677	45	759192	49.419	ug/l	92
23) Vinyl Acetate	6.612	43	2548140m	267.715	ug/l	
24) 1,1-Dichloroethane	6.577	63	481163	51.125	ug/l	99
25) 2-Butanone	7.488	43	699251	223.862	ug/l	89
26) 2,2-Dichloropropane	7.500	77	423724	52.993	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	308939	51.413	ug/l	92
28) Bromochloromethane	7.818	49	191593	47.071	ug/l	90
29) Tetrahydrofuran	7.841	42	424261	207.433	ug/l	85
30) Chloroform	7.977	83	523566	50.571	ug/l	95
31) Cyclohexane	8.265	56	409558	47.479	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	465886	52.929	ug/l	97
36) 1,1-Dichloropropene	8.377	75	394656	55.550	ug/l	97
37) Ethyl Acetate	7.571	43	276342	43.640	ug/l	94
38) Carbon Tetrachloride	8.371	117	403153	56.196	ug/l	99
39) Methylcyclohexane	9.606	83	442528	50.878	ug/l	92
40) Benzene	8.612	78	1127667	53.787	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	148657	44.081	ug/l	94
42) 1,2-Dichloroethane	8.676	62	391184	51.365	ug/l	99
43) Isopropyl Acetate	8.694	43	489534	47.329	ug/l	96
44) Trichloroethene	9.359	130	298729	56.273	ug/l	98
45) 1,2-Dichloropropane	9.629	63	290451	54.314	ug/l	94
46) Dibromomethane	9.718	93	197930	51.725	ug/l	96
47) Bromodichloromethane	9.894	83	406041	55.424	ug/l	92
48) Methyl methacrylate	9.688	41	239391	48.816	ug/l	86
49) 1,4-Dioxane	9.700	88	89175	962.784	ug/l #	91
51) 4-Methyl-2-Pentanone	10.453	43	1437500	233.810	ug/l	93
52) Toluene	10.635	92	738129	56.553	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	433945	55.935	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	467205	54.648	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	275354	53.132	ug/l	96
56) Ethyl methacrylate	10.882	69	397059	50.673	ug/l	91
57) 1,3-Dichloropropane	11.170	76	471383	53.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	779526	202.217	ug/l	93
59) 2-Hexanone	11.200	43	1014709	223.134	ug/l	93
60) Dibromochloromethane	11.365	129	308670	57.695	ug/l	99
61) 1,2-Dibromoethane	11.476	107	279461	54.054	ug/l	97
64) Tetrachloroethene	11.112	164	289944	63.421	ug/l	99
65) Chlorobenzene	11.900	112	780911	55.101	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	289627	59.062	ug/l	97
67) Ethyl Benzene	11.970	91	1422753	56.020	ug/l	100
68) m/p-Xylenes	12.076	106	1096566	113.949	ug/l	100
69) o-Xylene	12.406	106	529258	55.923	ug/l	97
70) Styrene	12.417	104	855626	56.912	ug/l	98
71) Bromoform	12.582	173	186443	57.153	ug/l #	98
73) Isopropylbenzene	12.700	105	1393294	57.930	ug/l	99
74) N-amyl acetate	12.500	43	401870	45.204	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	356303	48.155	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	308214m	44.109	ug/l	
77) Bromobenzene	12.988	156	301138	54.865	ug/l	97
78) n-propylbenzene	13.041	91	1589563	56.059	ug/l	100
79) 2-Chlorotoluene	13.129	91	944713	55.834	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1171942	57.976	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	104024	47.586	ug/l	90
82) 4-Chlorotoluene	13.229	91	915958	54.409	ug/l	99
83) tert-Butylbenzene	13.447	119	974763	55.237	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1163104	58.505	ug/l	98
85) sec-Butylbenzene	13.623	105	1354741	54.018	ug/l	100
86) p-Isopropyltoluene	13.735	119	1138302	56.932	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	544003	53.594	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	525589	52.180	ug/l	98
89) n-Butylbenzene	14.064	91	937341	50.970	ug/l	99
90) Hexachloroethane	14.341	117	188180	57.292	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	531491	56.049	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	60419	42.178	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	235909	42.572	ug/l	99
94) Hexachlorobutadiene	15.511	225	96019	41.733	ug/l	98
95) Naphthalene	15.647	128	701861	36.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	230275	42.442	ug/l	97

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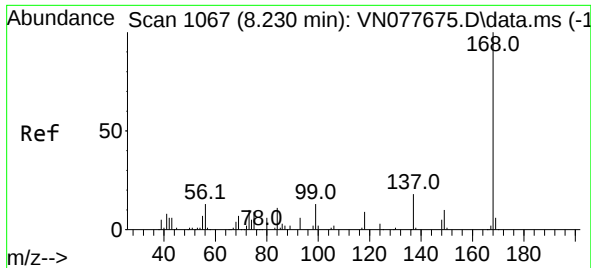
Manual Integrations
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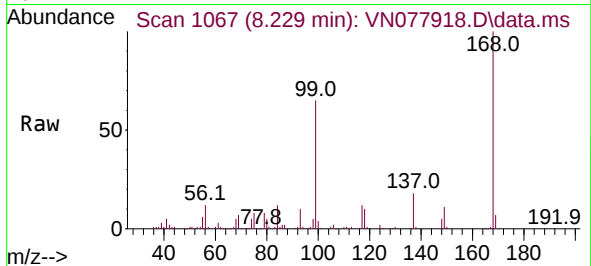
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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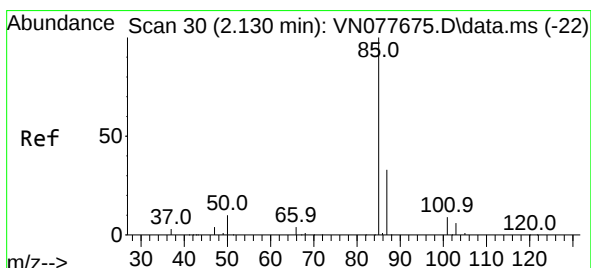
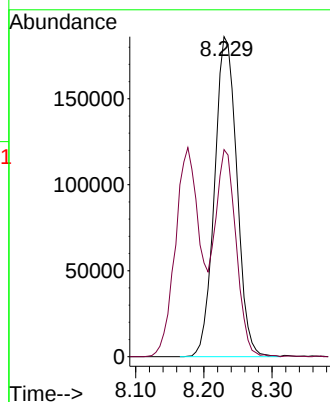
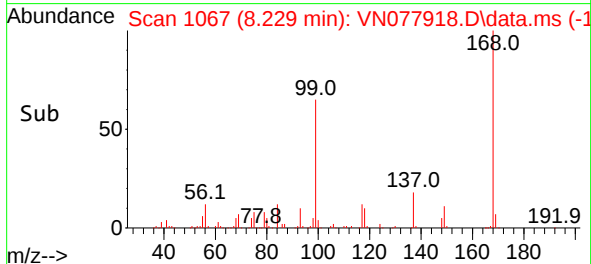
Instrument :
MSVOA_N
ClientSampleId :
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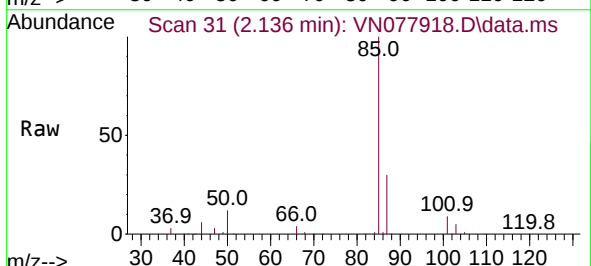
Tgt Ion:168 Resp: 424179
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6

Manual Integrations
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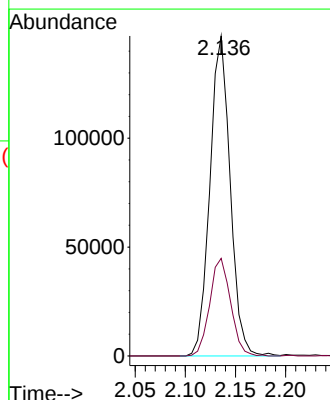
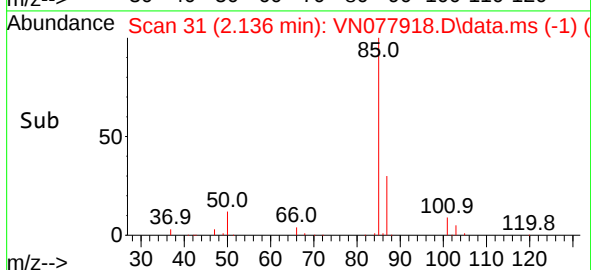
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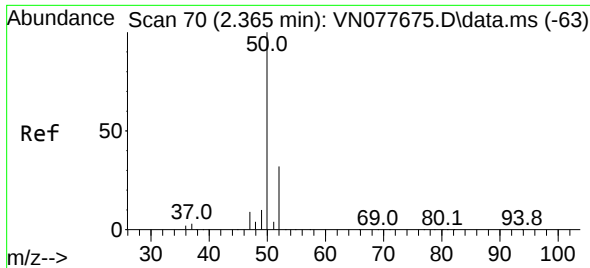


#2
Dichlorodifluoromethane
Concen: 42.919 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35



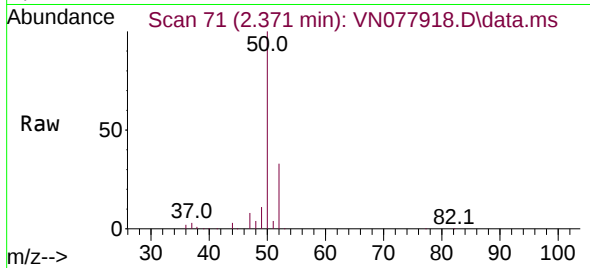
Tgt Ion: 85 Resp: 207187
Ion Ratio Lower Upper
85 100
87 30.5 15.8 47.4





#3
Chloromethane
Concen: 44.186 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

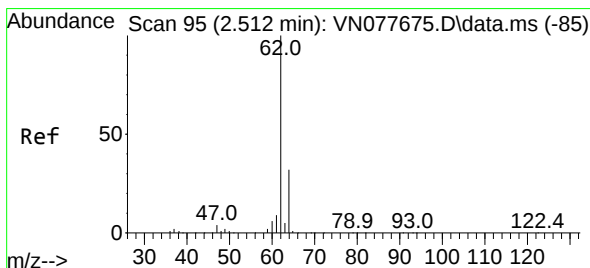
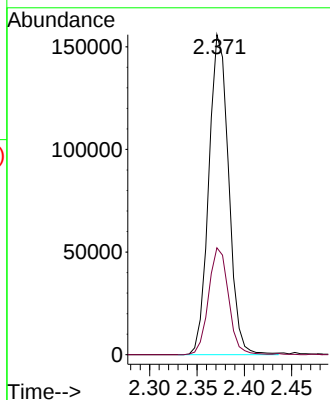
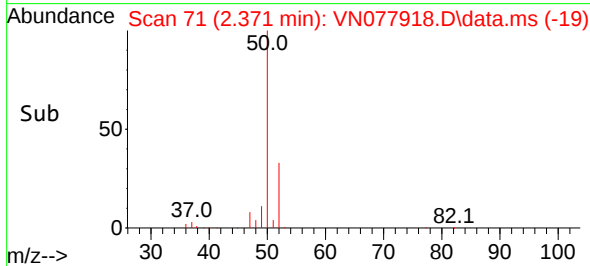
Instrument :
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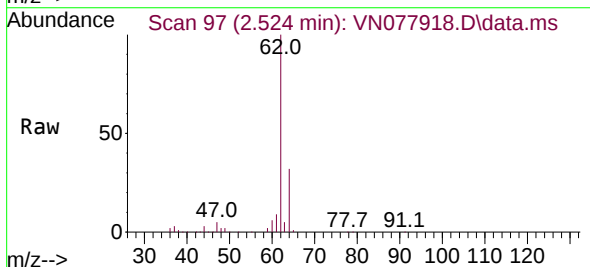
Tgt Ion: 50 Resp: 22722
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

Manual Integrations
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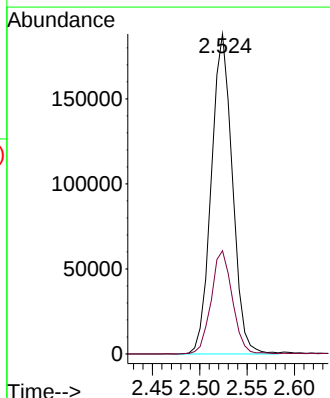
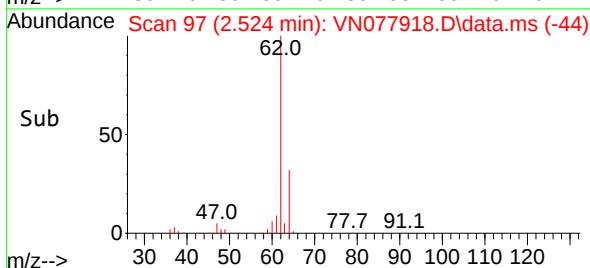
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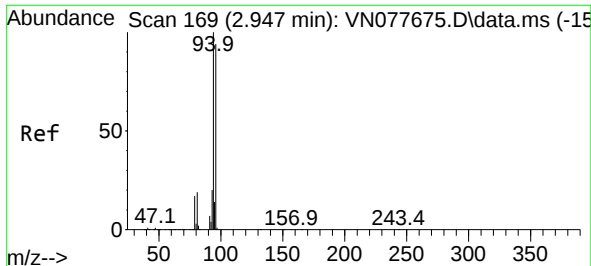


#4
Vinyl Chloride
Concen: 47.776 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35



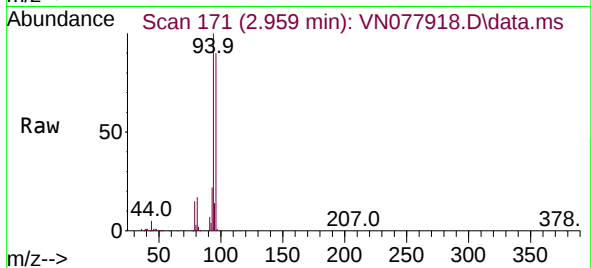
Tgt Ion: 62 Resp: 290783
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.2





#5
Bromomethane
Concen: 47.746 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

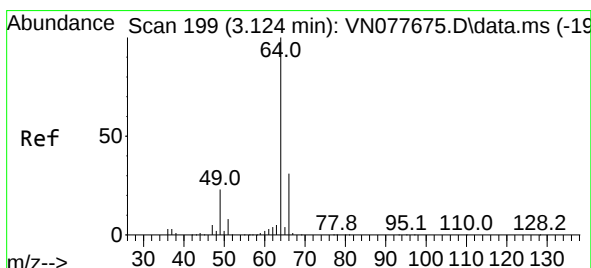
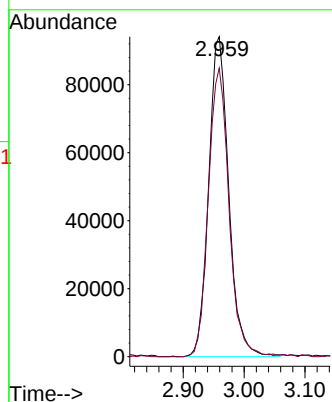
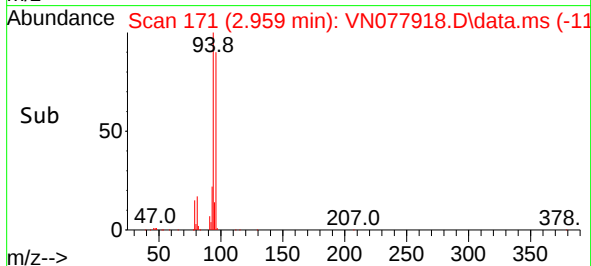
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Tgt Ion: 94 Resp: 214924
Ion Ratio Lower Upper
94 100
96 90.1 73.1 109.7

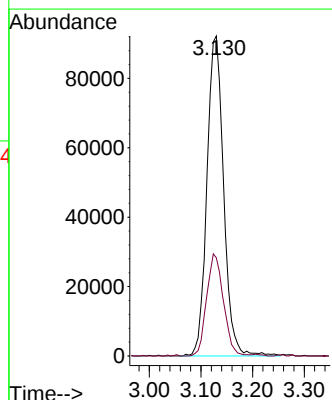
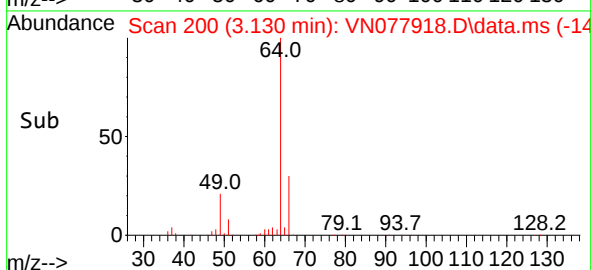
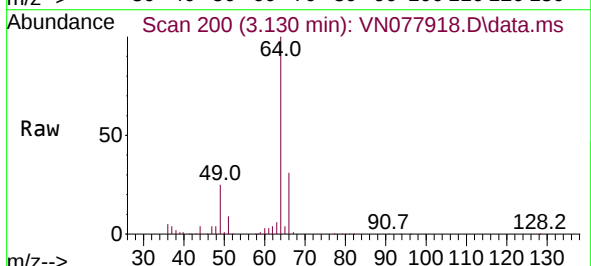
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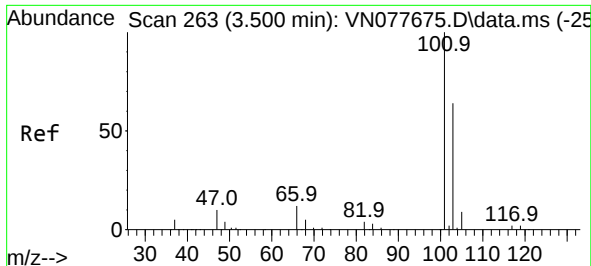
Reviewed By :John Carlone 05/30/2023
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#6
Chloroethane
Concen: 47.200 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 207033
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.2





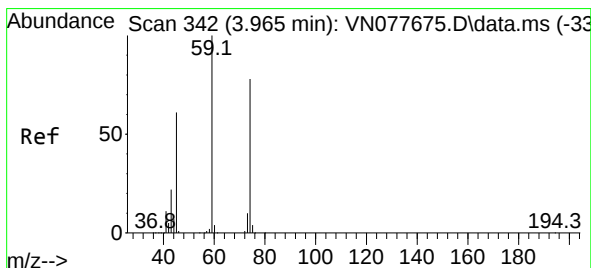
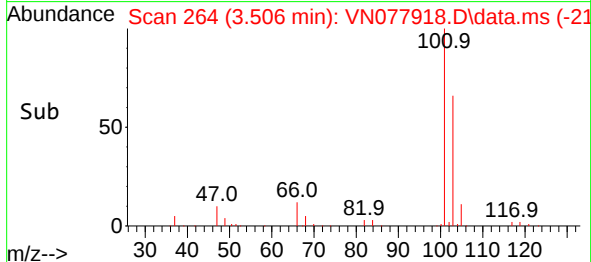
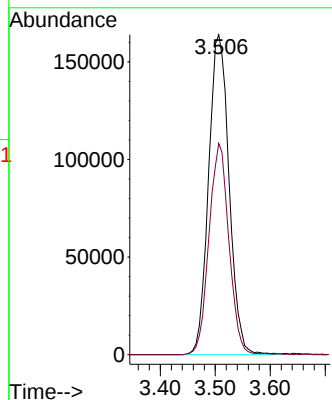
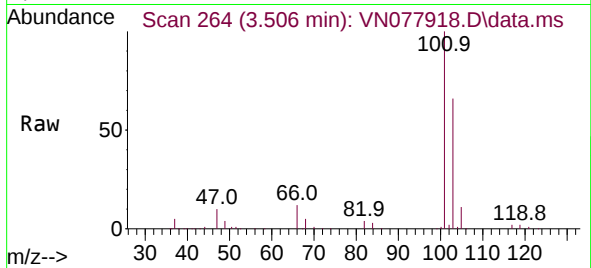
#7
Trichlorofluoromethane
Concen: 50.044 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 42448
Ion Ratio Lower Upper
101 100
103 66.0 50.7 76.1

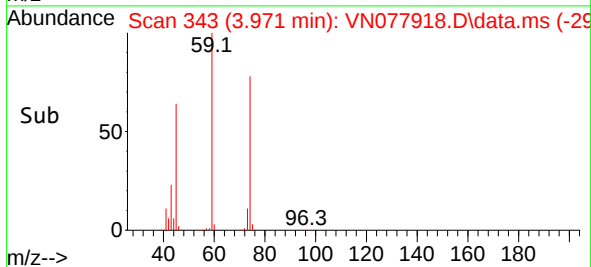
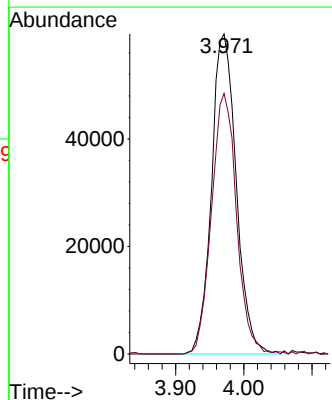
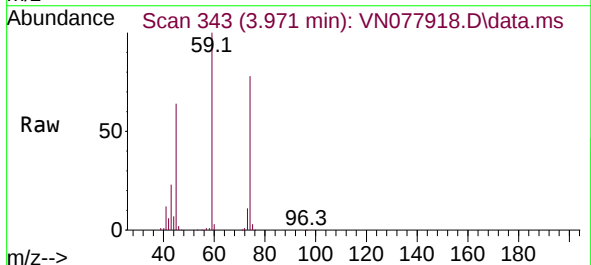
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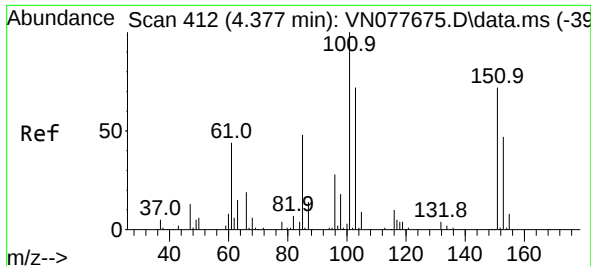
Reviewed By :John Carlone 05/30/2023
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#8
Diethyl Ether
Concen: 48.449 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077918.D
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Tgt Ion: 74 Resp: 150024
Ion Ratio Lower Upper
74 100
45 82.6 34.4 103.3





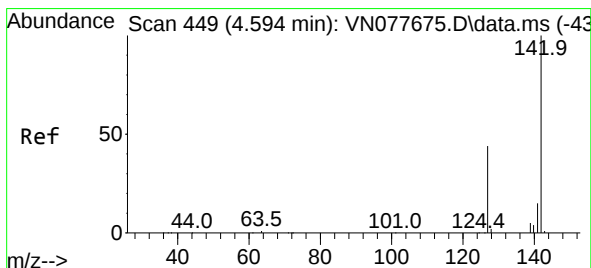
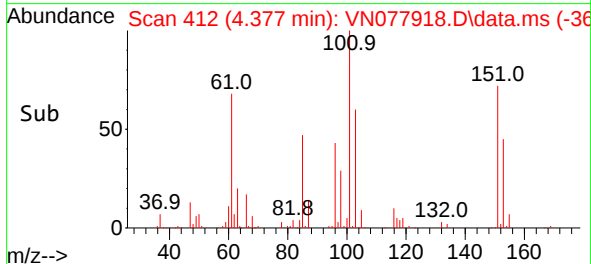
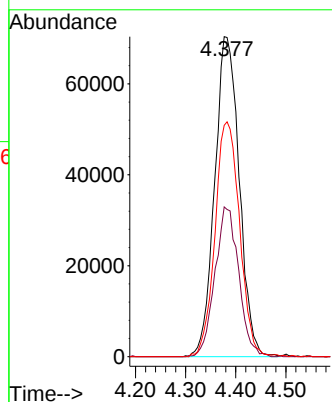
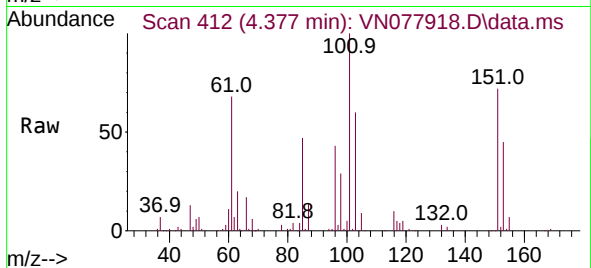
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.967 ug/l
RT: 4.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 23924
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 73.7 57.6 86.4

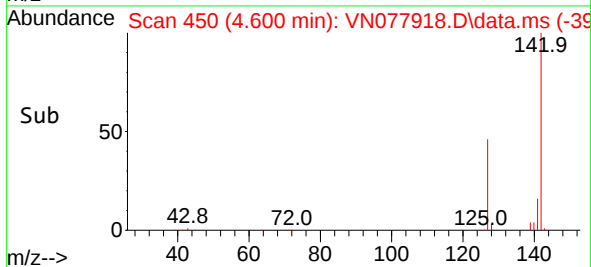
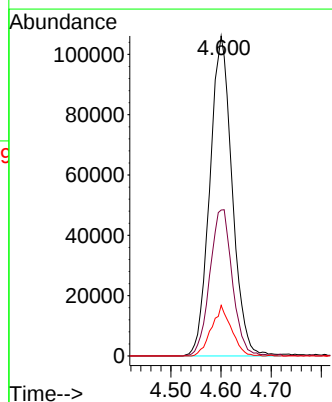
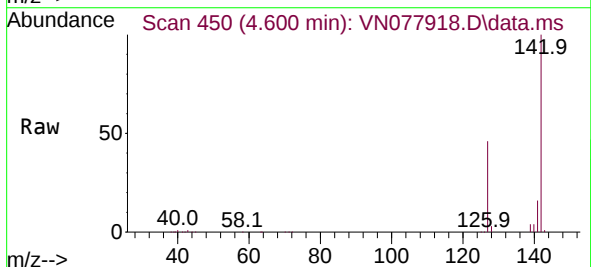
Manual Integrations
APPROVED

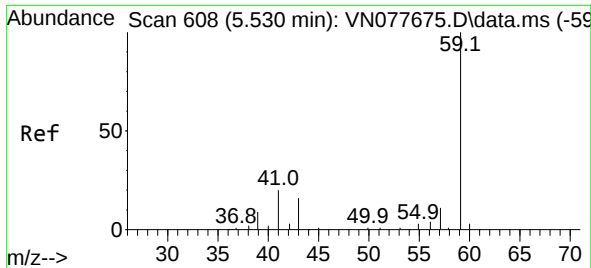
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#10
Methyl Iodide
Concen: 58.665 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

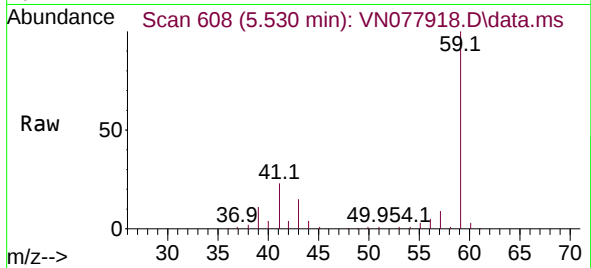
Tgt Ion:142 Resp: 328413
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 15.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 201.482 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

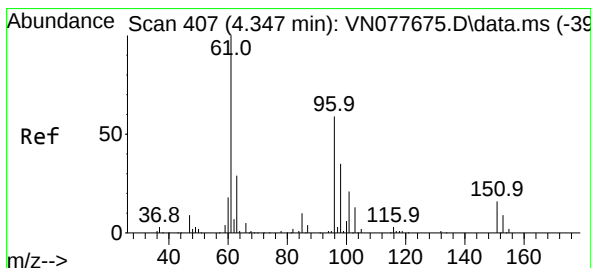
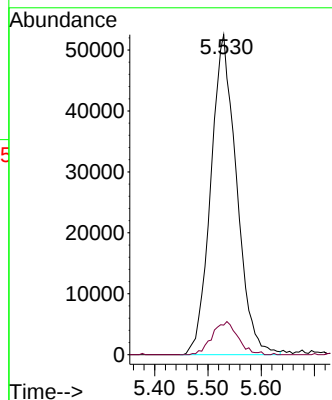
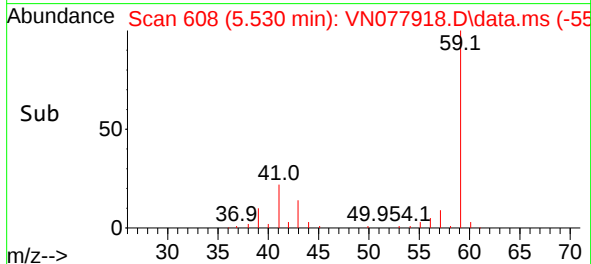
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



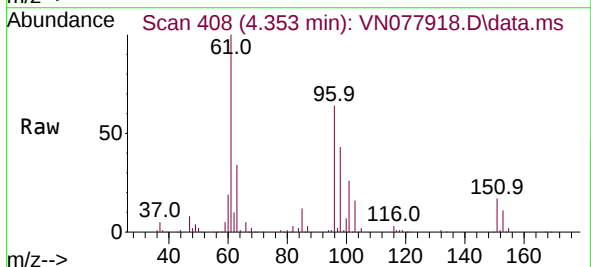
Tgt Ion: 59 Resp: 176482
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

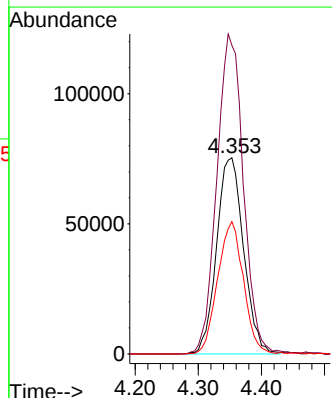
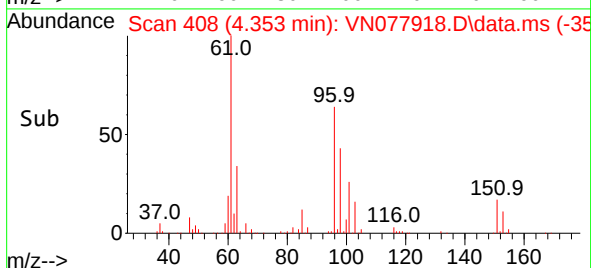
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

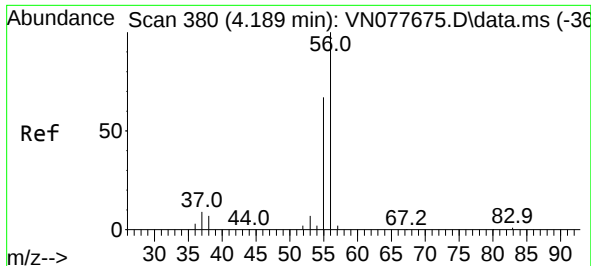


#12
1,1-Dichloroethene
Concen: 50.215 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35



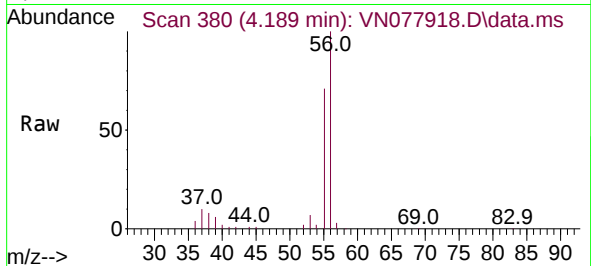
Tgt Ion: 96 Resp: 224029
Ion Ratio Lower Upper
96 100
61 157.3 112.7 169.1
98 67.4 51.2 76.8





#13
Acrolein
Concen: 230.798 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

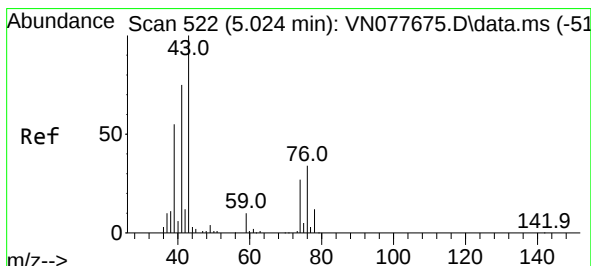
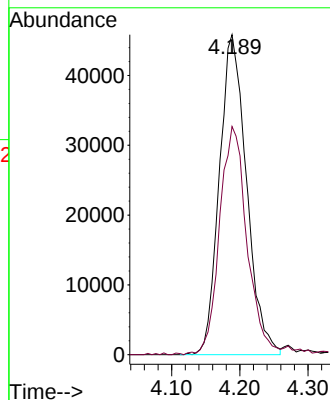
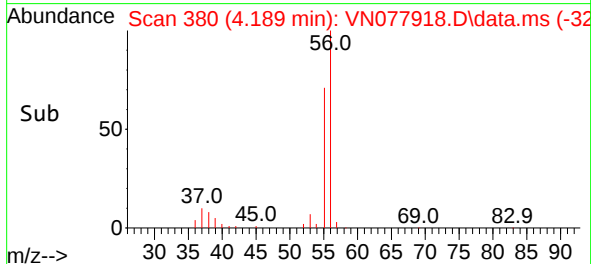
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 126970
Ion Ratio Lower Upper
56 100
55 71.7 54.5 81.7

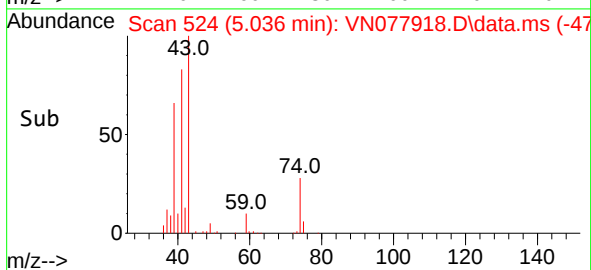
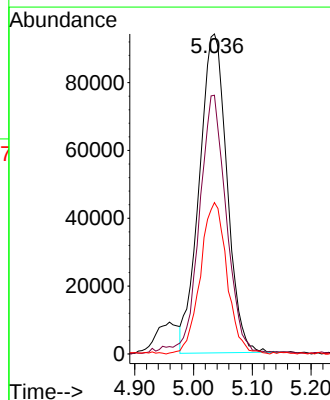
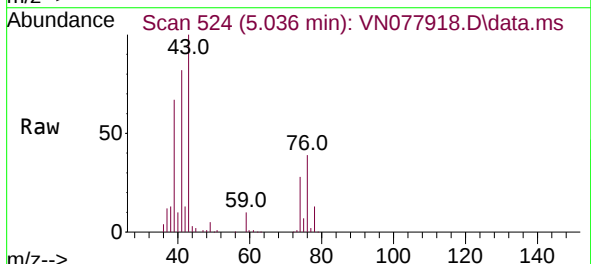
Manual Integrations
APPROVED

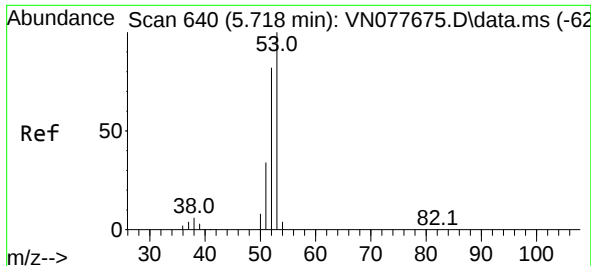
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#14
Allyl chloride
Concen: 46.908 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

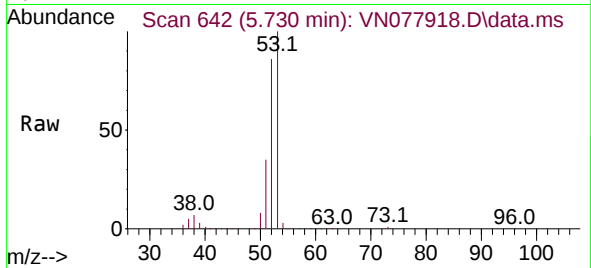
Tgt Ion: 41 Resp: 307433
Ion Ratio Lower Upper
41 100
39 80.0 58.8 88.2
76 45.8 39.1 58.7





#15
Acrylonitrile
Concen: 217.822 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

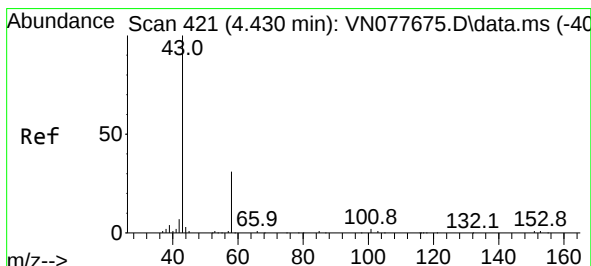
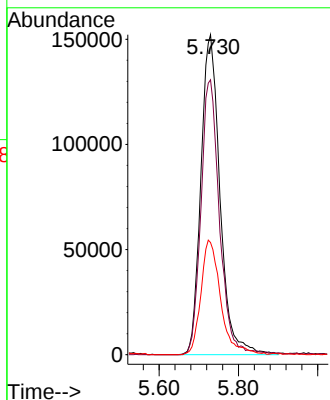
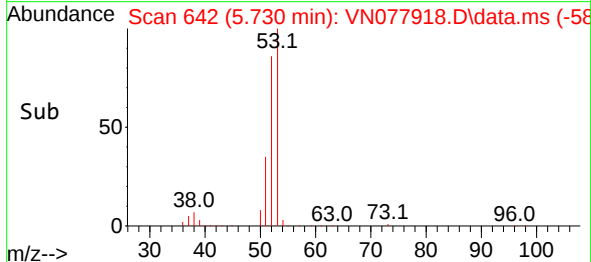
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 50973
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 37.1 28.9 43.3

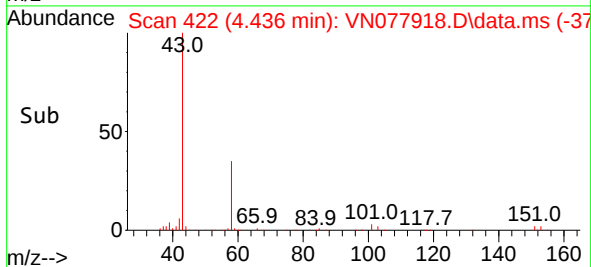
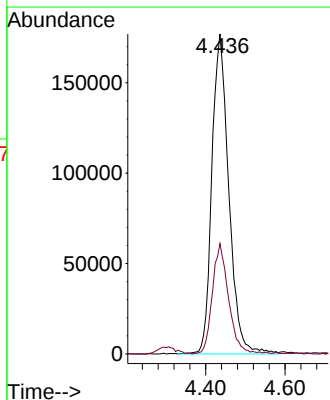
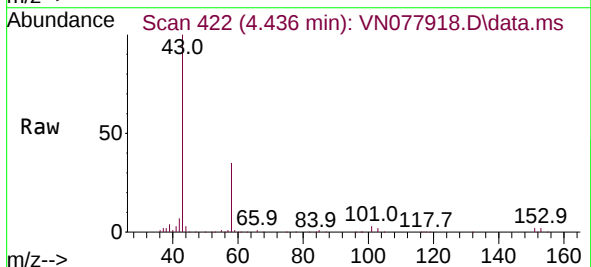
Manual Integrations
APPROVED

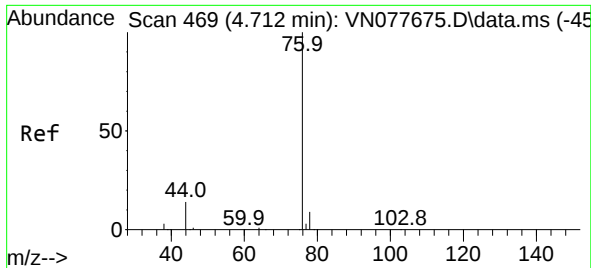
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#16
Acetone
Concen: 262.871 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Tgt Ion: 43 Resp: 524897
Ion Ratio Lower Upper
43 100
58 34.2 28.0 42.0





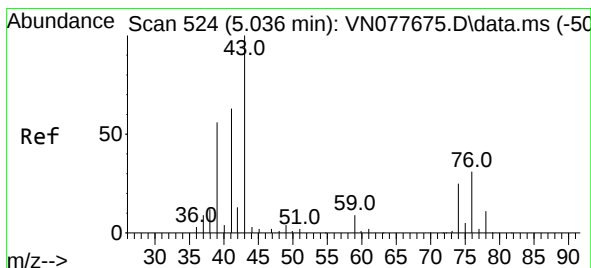
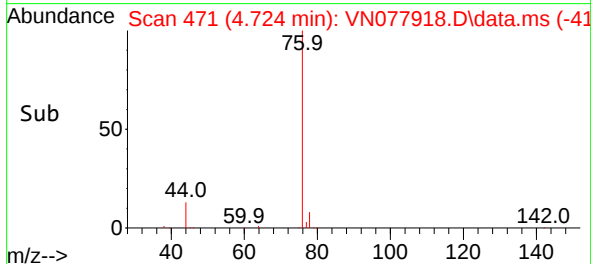
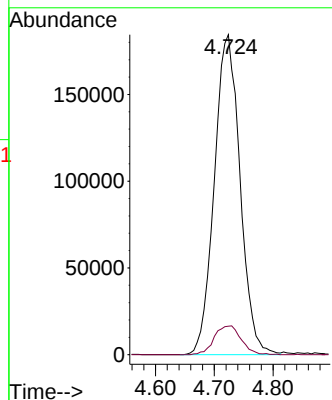
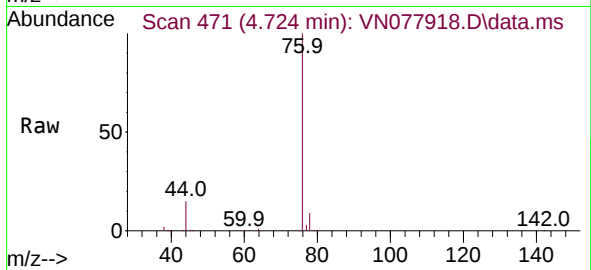
#17
Carbon Disulfide
Concen: 46.635 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 560594
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

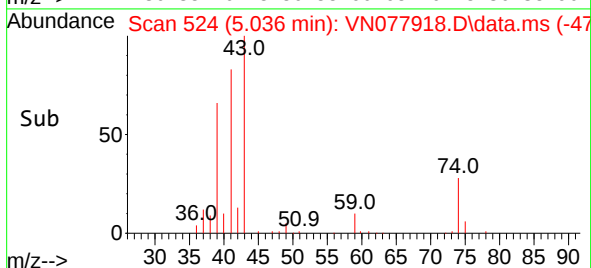
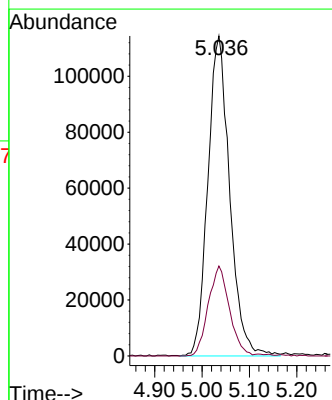
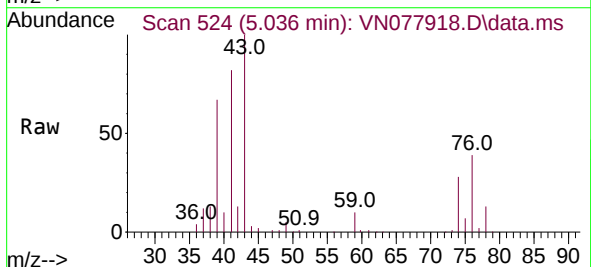
Manual Integrations
APPROVED

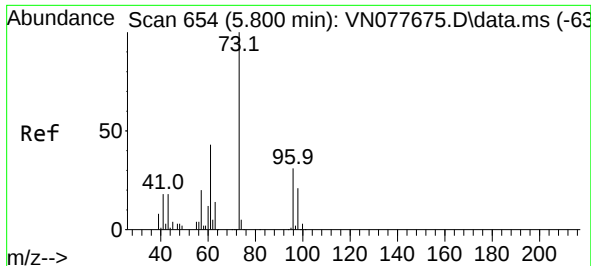
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#18
Methyl Acetate
Concen: 43.776 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Tgt Ion: 43 Resp: 366705
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4





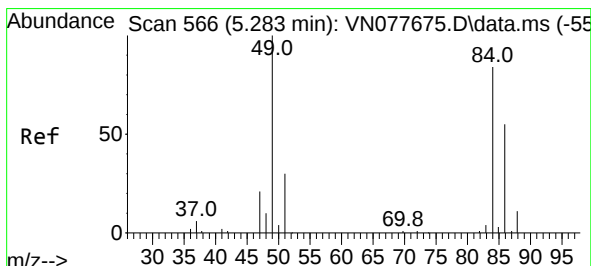
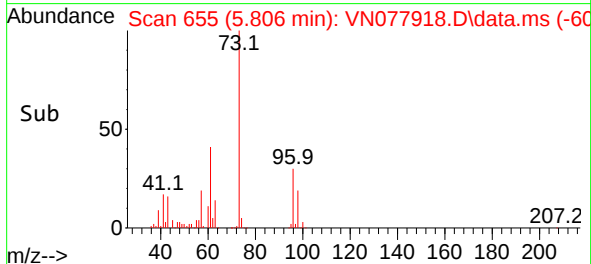
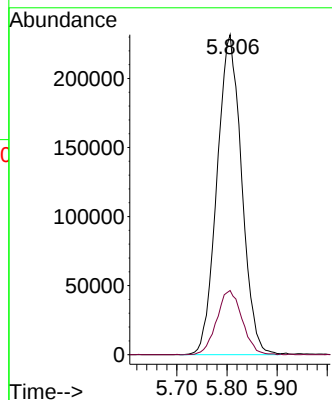
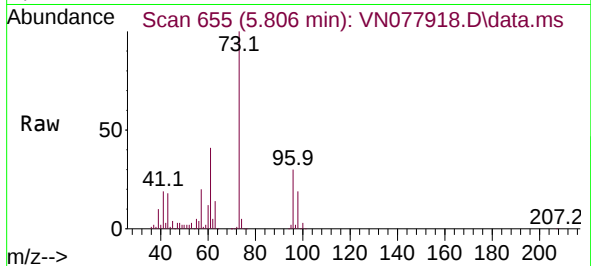
#19
Methyl tert-butyl Ether
Concen: 48.959 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 79062
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4

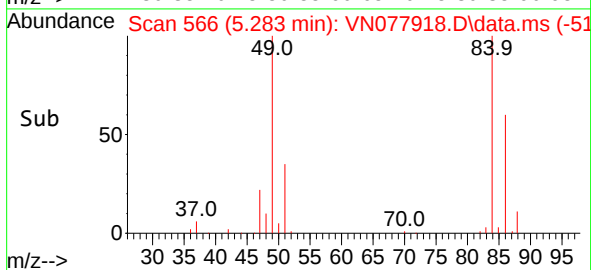
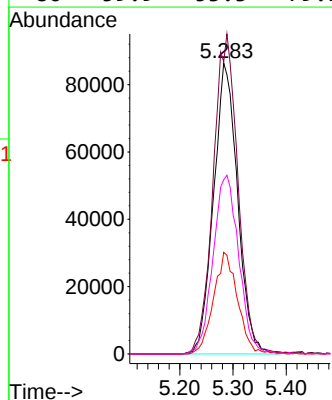
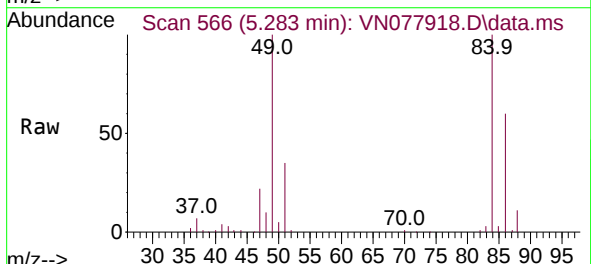
Manual Integrations
APPROVED

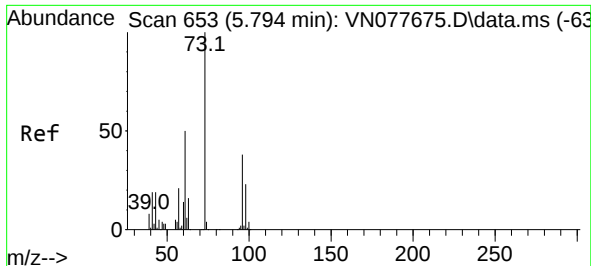
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#20
Methylene Chloride
Concen: 52.119 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

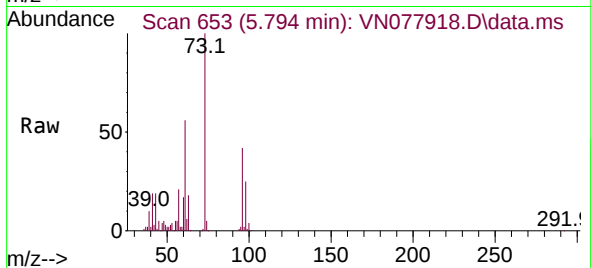
Tgt Ion: 84 Resp: 270438
Ion Ratio Lower Upper
84 100
49 100.4 79.7 119.5
51 34.9 25.2 37.8
86 59.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 50.796 ug/l
RT: 5.794 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

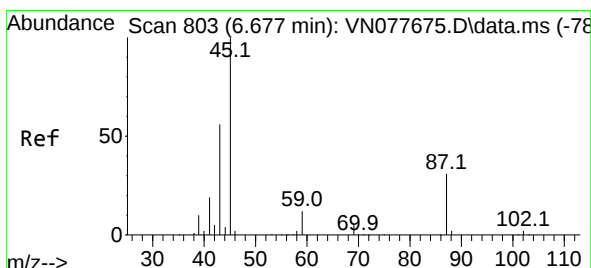
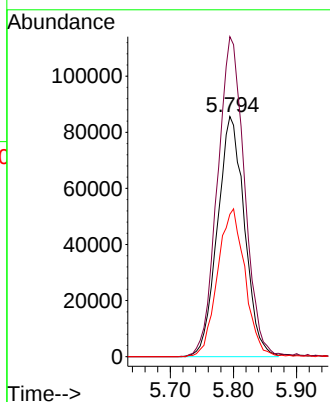
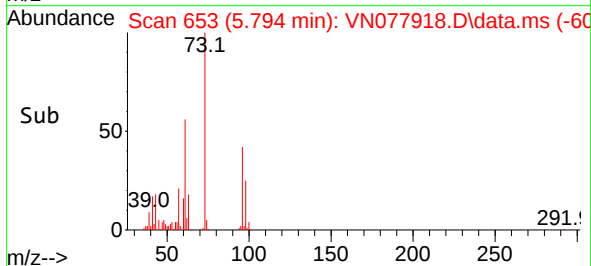
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 254564
Ion Ratio Lower Upper
96 100
61 133.2 90.1 135.1
98 59.3 46.4 69.6

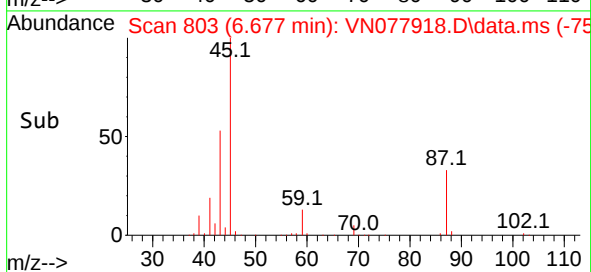
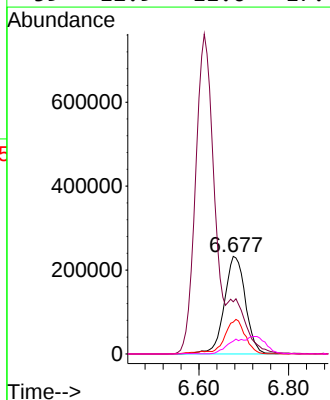
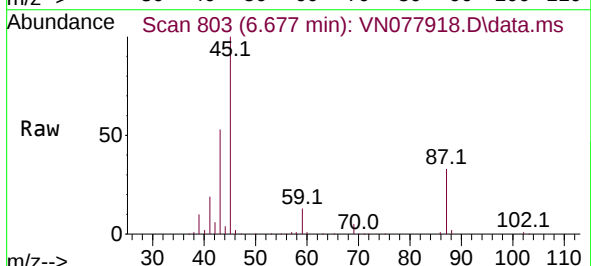
Manual Integrations
APPROVED

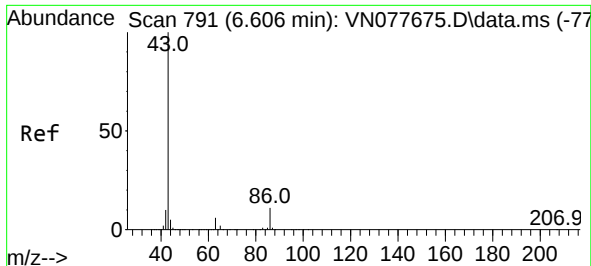
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#22
Diisopropyl ether
Concen: 49.419 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

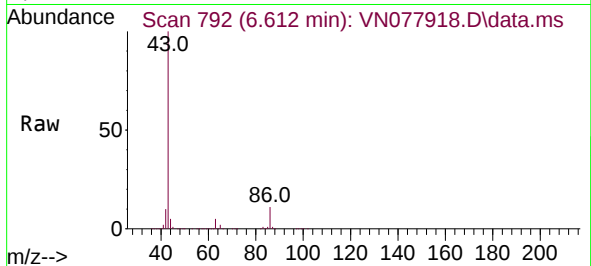
Tgt Ion: 45 Resp: 759192
Ion Ratio Lower Upper
45 100
43 52.3 45.5 68.3
87 32.4 31.8 47.8
59 12.9 11.6 17.4





#23
 Vinyl Acetate
 Concen: 267.715 ug/l m
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077918.D
 Acq: 26 May 2023 10:35

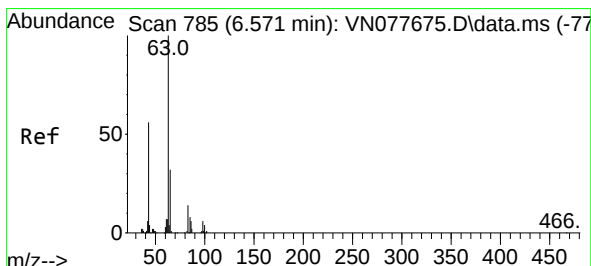
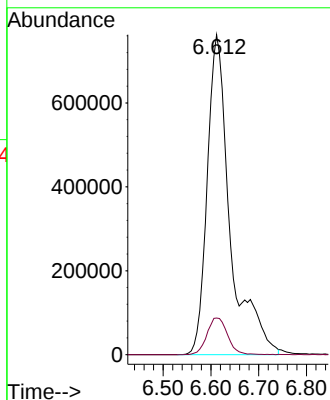
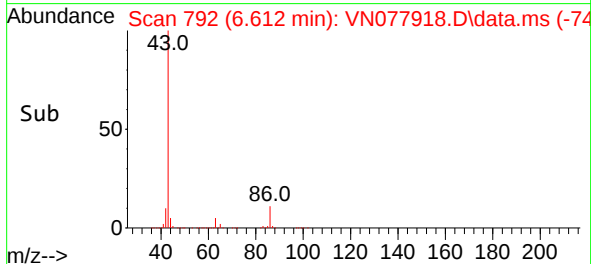
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 2548140
 Ion Ratio Lower Upper
 43 100
 86 11.5 13.0 19.6

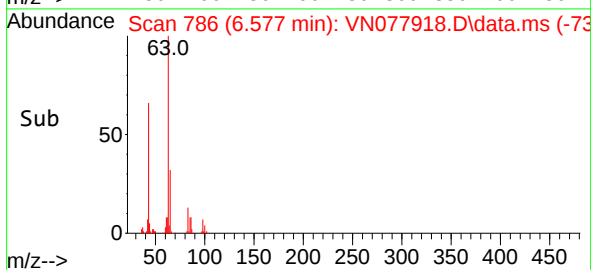
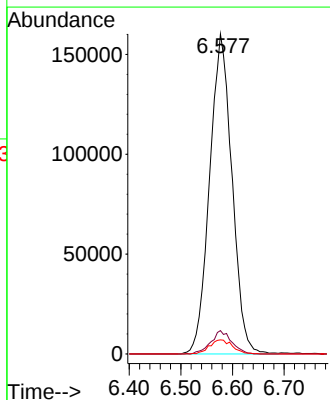
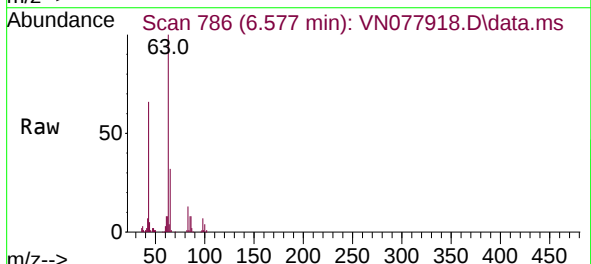
Manual Integrations
 APPROVED

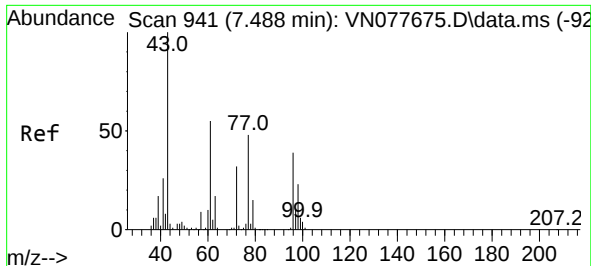
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#24
 1,1-Dichloroethane
 Concen: 51.125 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077918.D
 Acq: 26 May 2023 10:35

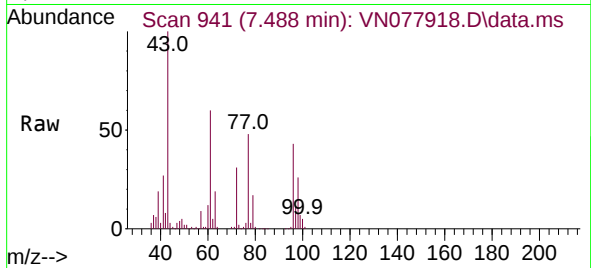
Tgt Ion: 63 Resp: 481163
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 223.862 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

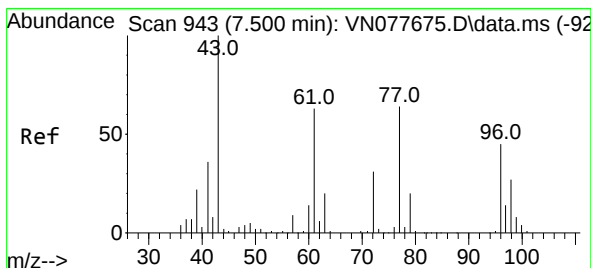
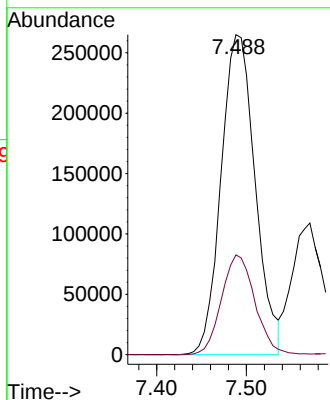
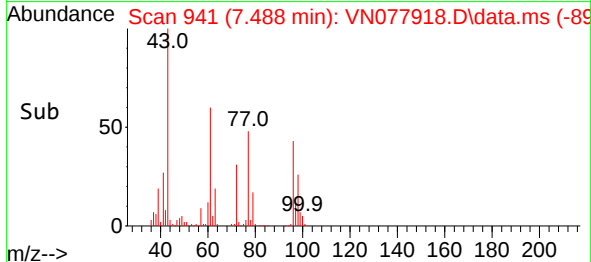
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 69925
Ion Ratio Lower Upper
43 100
72 31.2 30.2 45.2

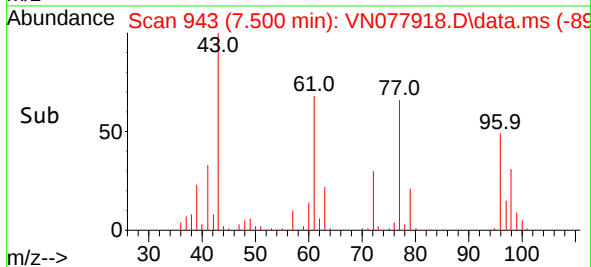
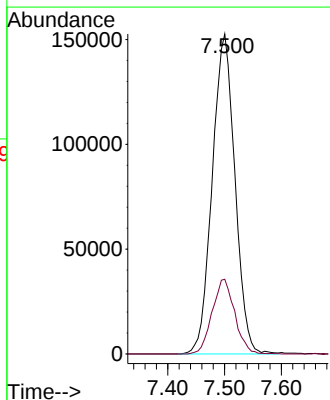
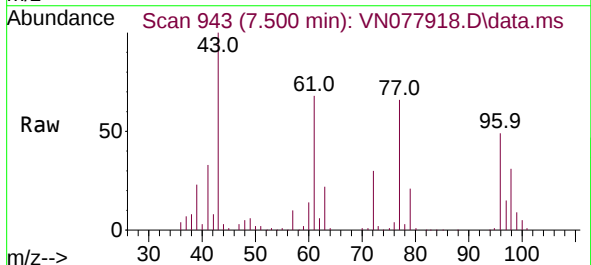
Manual Integrations
APPROVED

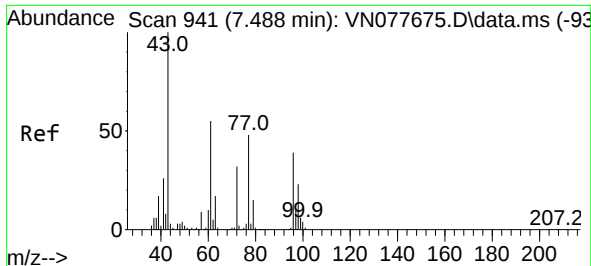
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#26
2,2-Dichloropropane
Concen: 52.993 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Tgt Ion: 77 Resp: 423724
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 51.413 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 308939

Ion Ratio Lower Upper

96 100

61 140.7 0.0 255.2

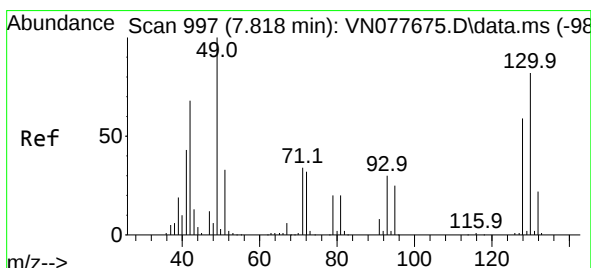
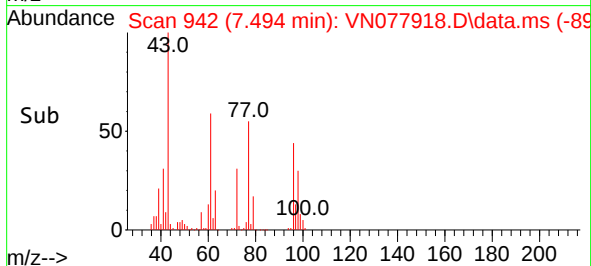
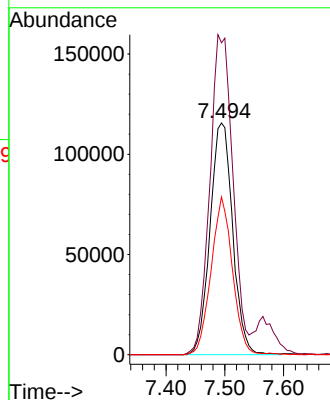
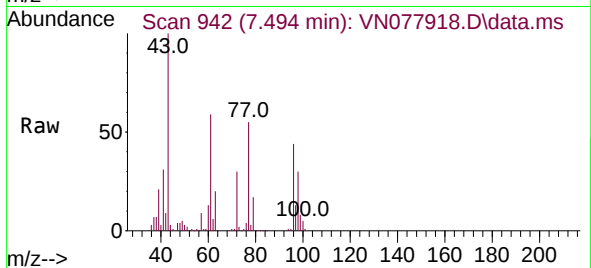
98 64.1 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#28

Bromochloromethane

Concen: 47.071 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

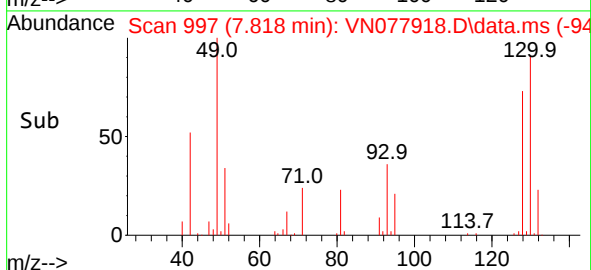
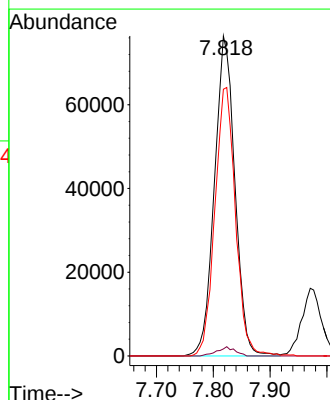
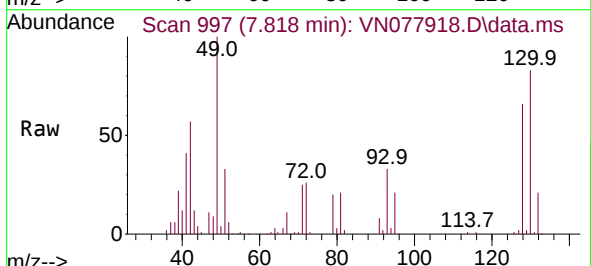
Tgt Ion: 49 Resp: 191593

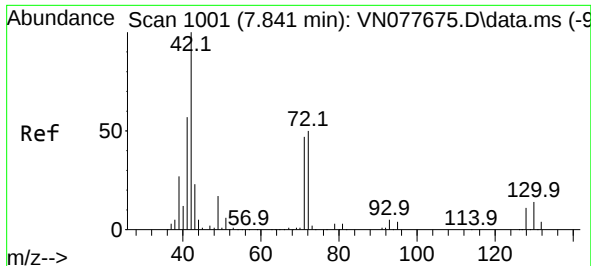
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

130 84.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 207.433 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 42426

Ion Ratio Lower Upper

42 100

72 50.2 49.8 74.6

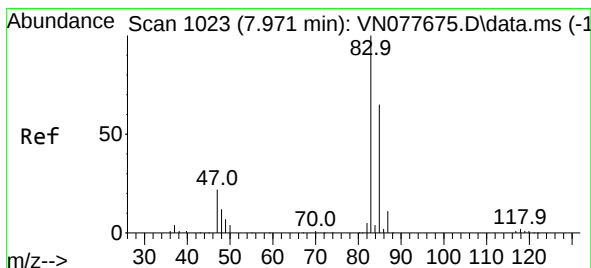
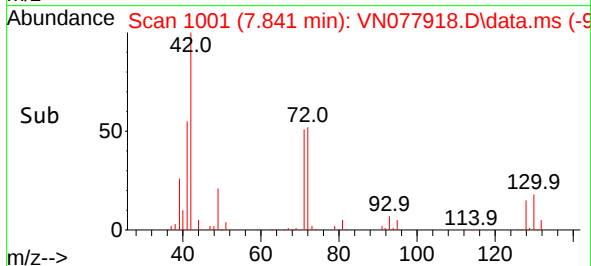
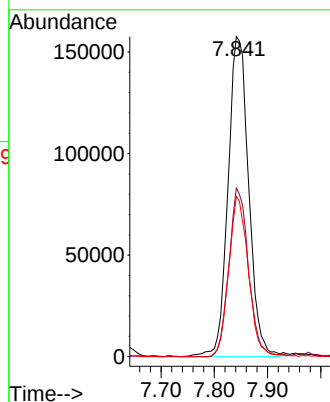
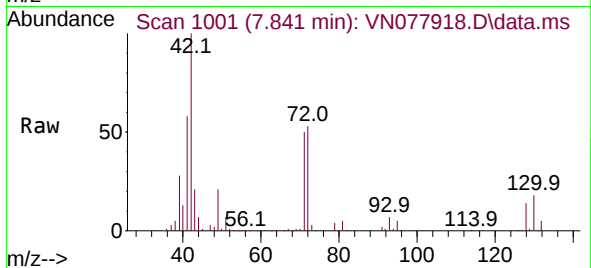
71 47.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#30

Chloroform

Concen: 50.571 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077918.D

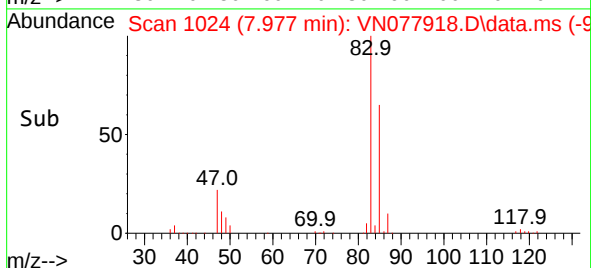
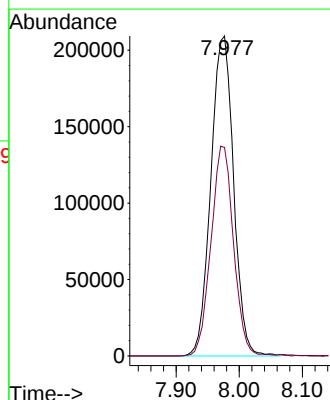
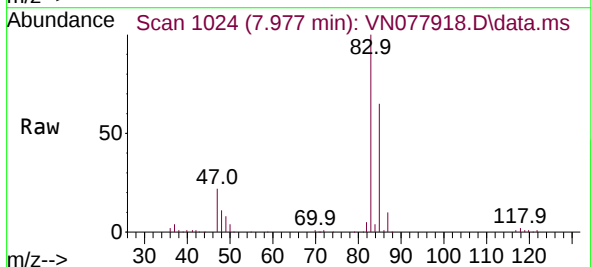
Acq: 26 May 2023 10:35

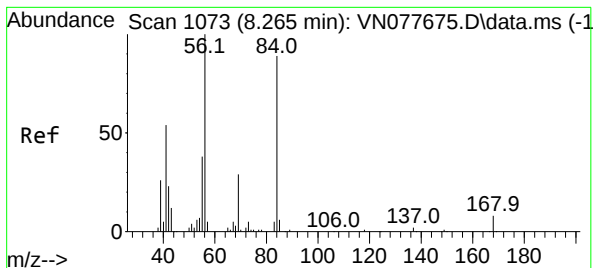
Tgt Ion: 83 Resp: 523566

Ion Ratio Lower Upper

83 100

85 65.1 55.4 83.0





#31

Cyclohexane

Concen: 47.479 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 409558

Ion Ratio Lower Upper

56 100

69 33.0 26.8 40.2

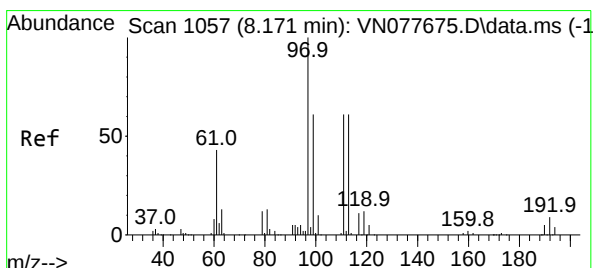
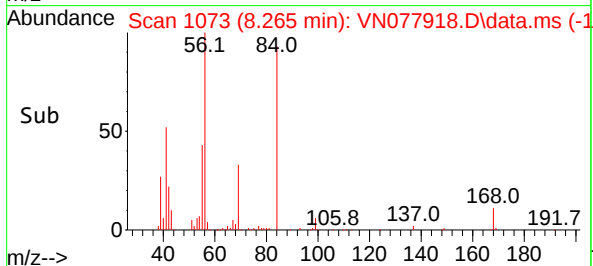
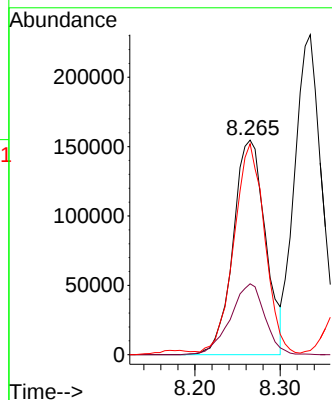
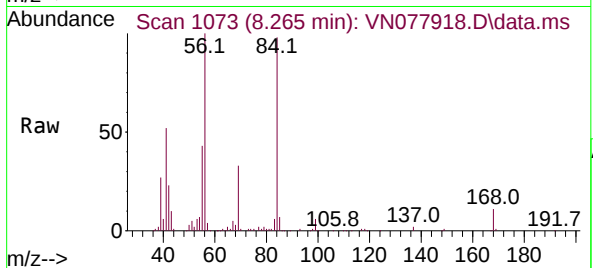
84 96.2 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#32

1,1,1-Trichloroethane

Concen: 52.929 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

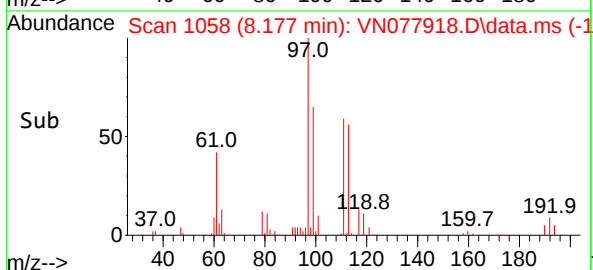
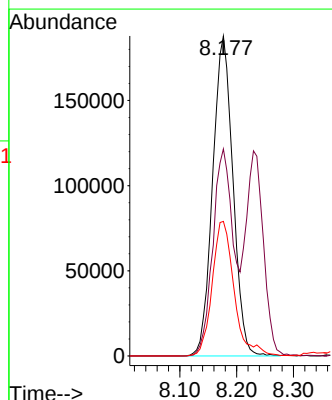
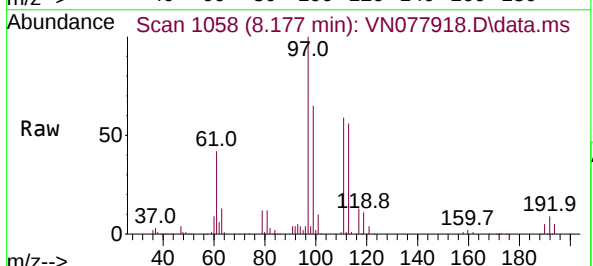
Tgt Ion: 97 Resp: 465886

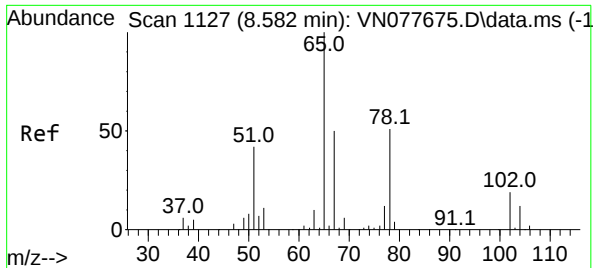
Ion Ratio Lower Upper

97 100

99 65.6 50.3 75.5

61 45.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.343 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 28778

Ion Ratio Lower Upper

65 100

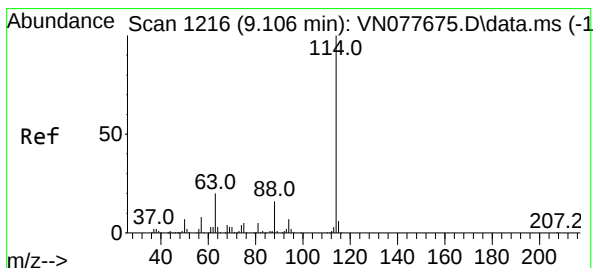
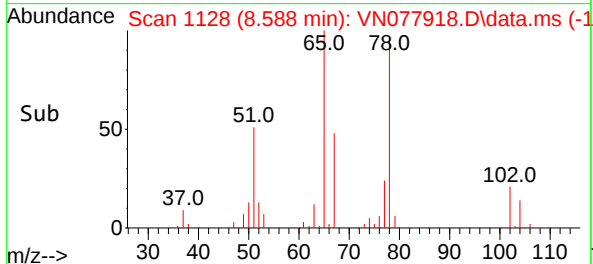
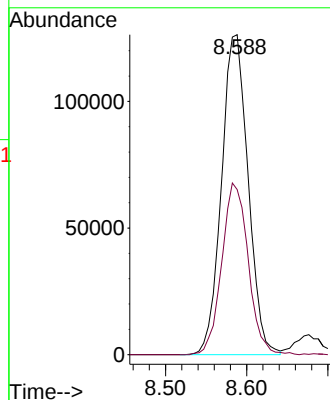
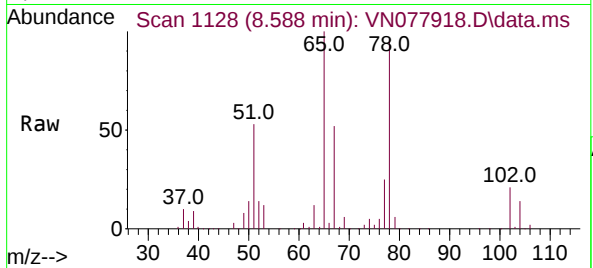
67 53.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

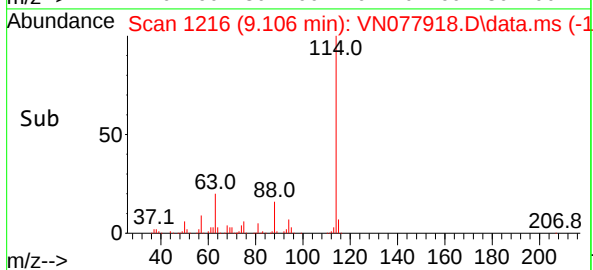
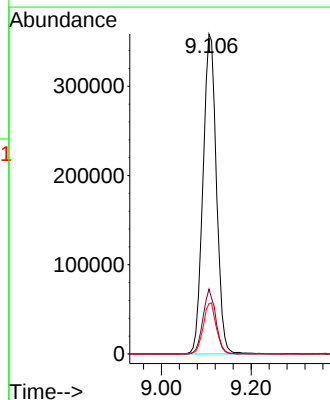
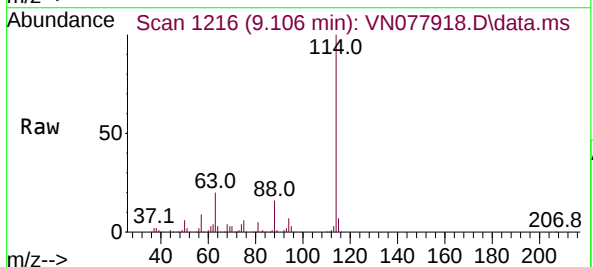
Tgt Ion:114 Resp: 744883

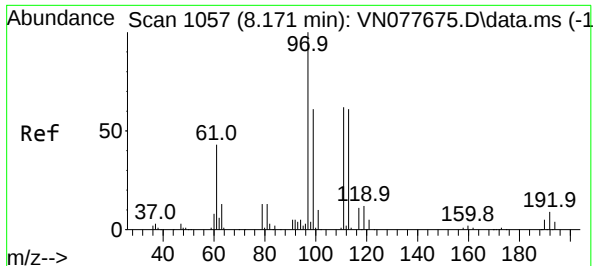
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.323 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 25414

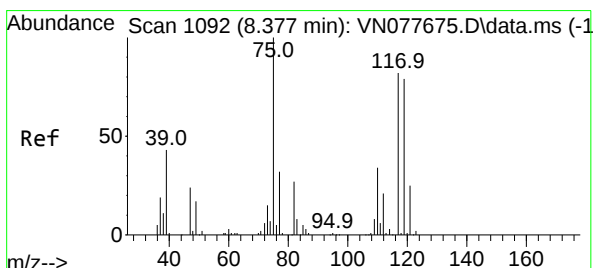
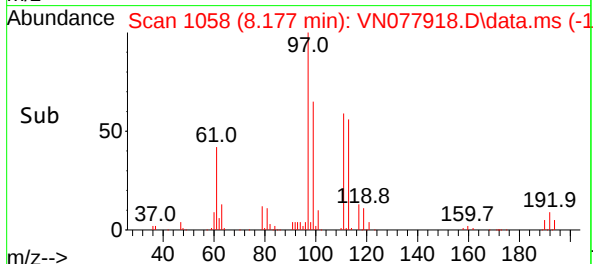
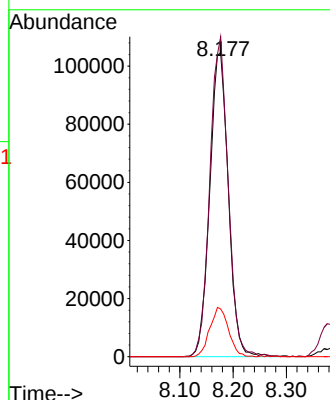
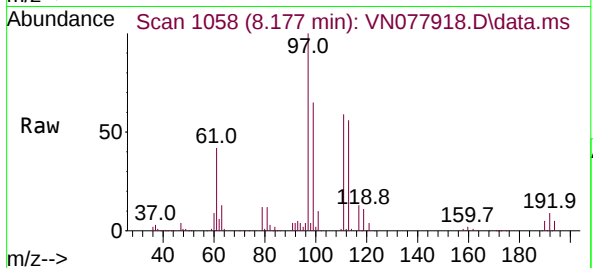
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	16.2	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#36

1,1-Dichloropropene

Concen: 55.550 ug/l

RT: 8.377 min Scan# 1092

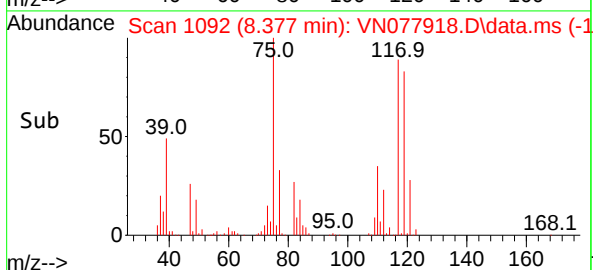
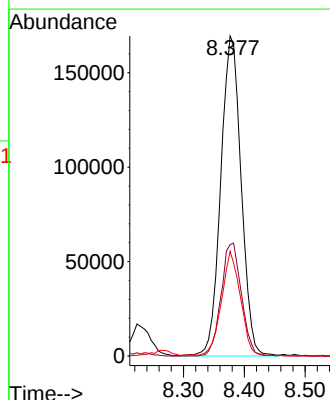
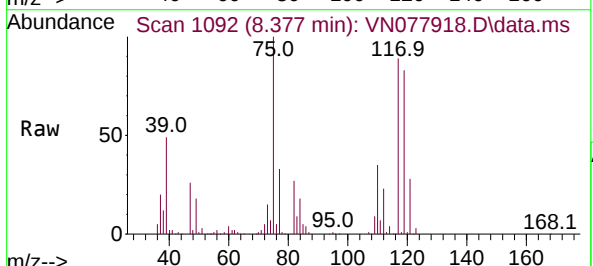
Delta R.T. -0.001 min

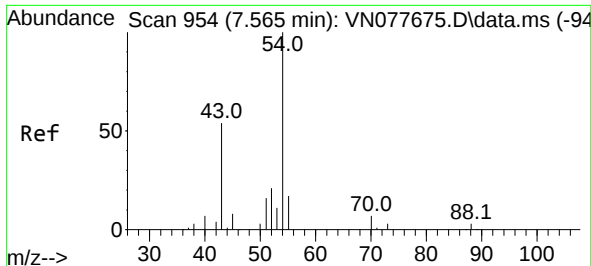
Lab File: VN077918.D

Acq: 26 May 2023 10:35

Tgt Ion: 75 Resp: 394656

Ion	Ratio	Lower	Upper
75	100		
110	35.0	19.1	57.3
77	30.6	25.0	37.4





#37

Ethyl Acetate

Concen: 43.640 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 27634

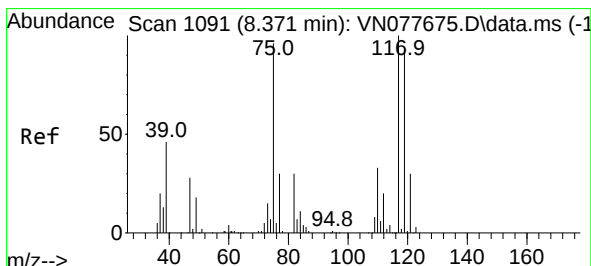
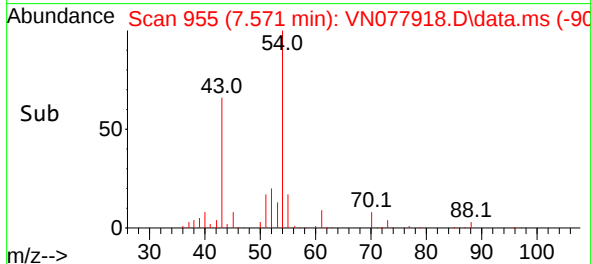
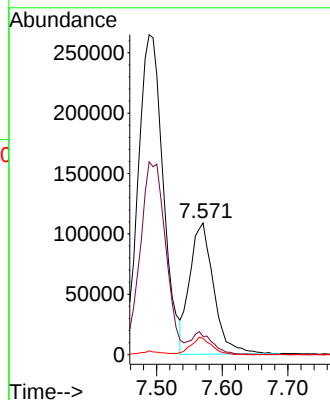
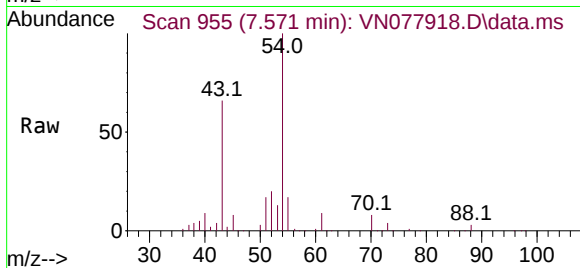
Ion	Ratio	Lower	Upper
43	100		
61	14.0	13.2	19.8
70	11.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#38

Carbon Tetrachloride

Concen: 56.196 ug/l

RT: 8.371 min Scan# 1091

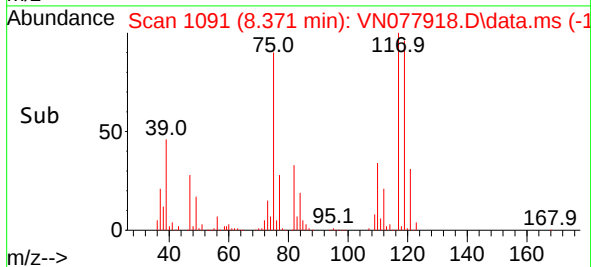
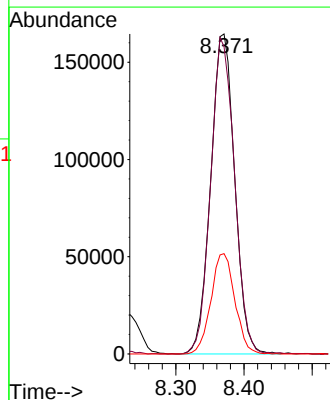
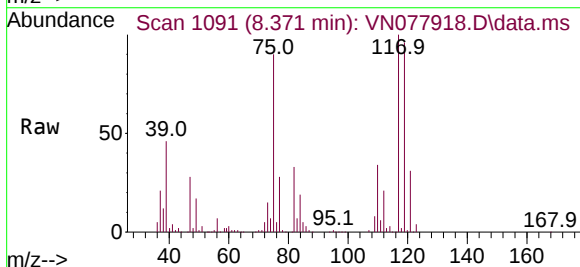
Delta R.T. -0.000 min

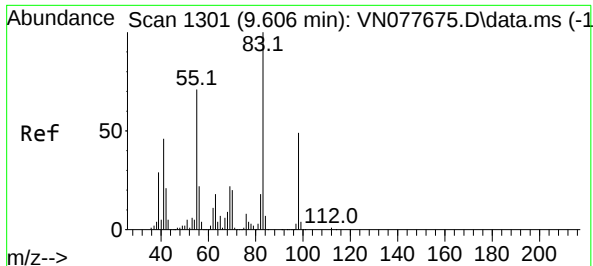
Lab File: VN077918.D

Acq: 26 May 2023 10:35

Tgt Ion:117 Resp: 403153

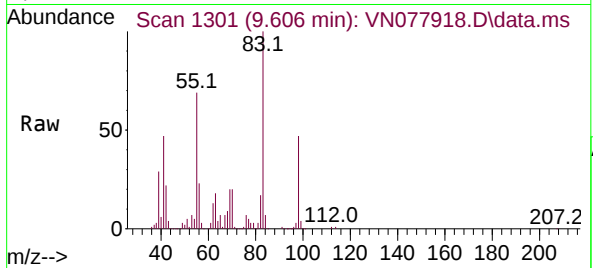
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.3	115.9
121	31.4	23.3	34.9





#39
Methylcyclohexane
Concen: 50.878 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

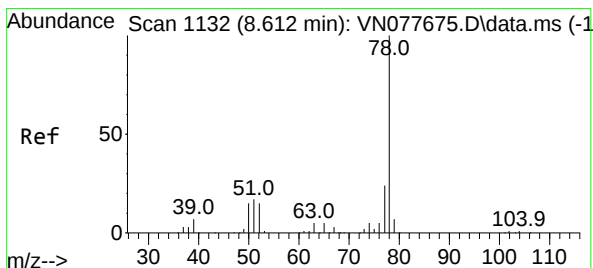
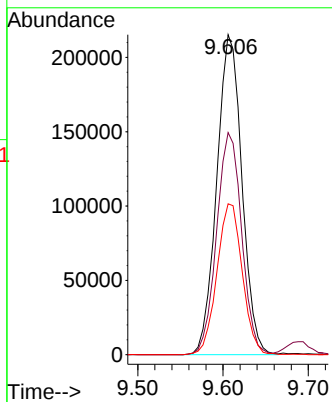
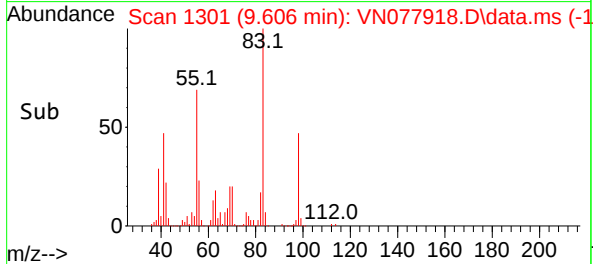
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 442528
Ion Ratio Lower Upper
83 100
55 69.4 49.1 73.7
98 47.2 40.6 61.0

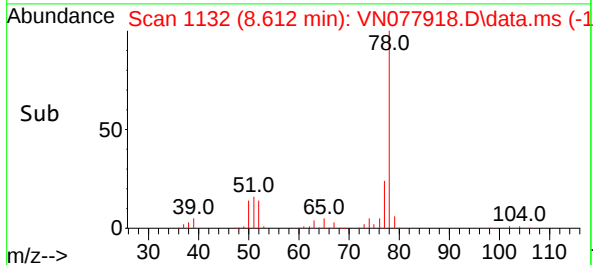
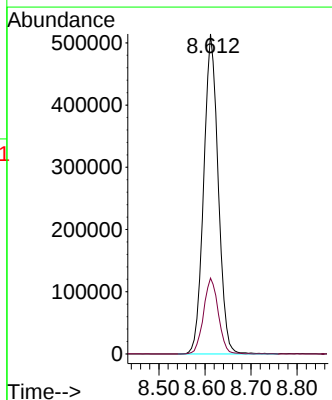
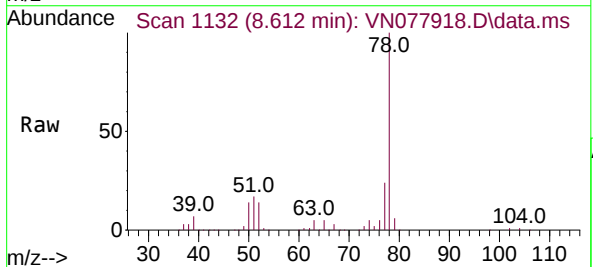
Manual Integrations
APPROVED

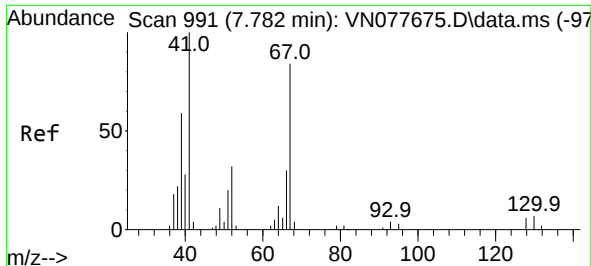
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#40
Benzene
Concen: 53.787 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

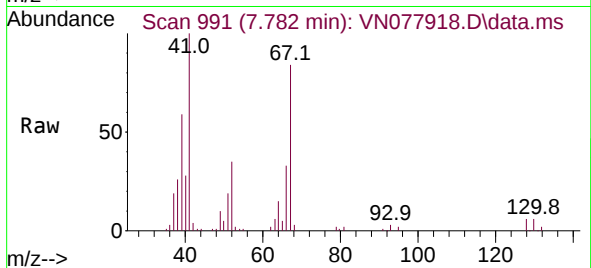
Tgt Ion: 78 Resp: 1127667
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 44.081 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

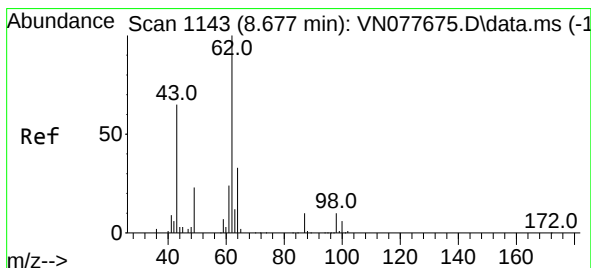
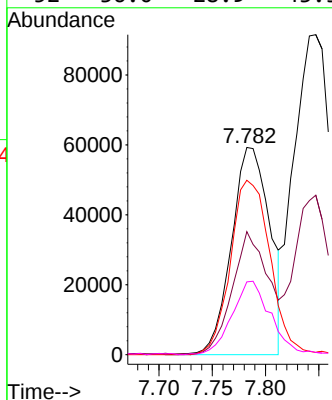
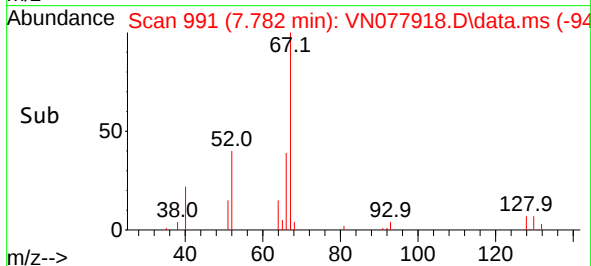
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 14865
Ion Ratio Lower Upper
41 100
39 55.9 42.6 64.0
67 87.2 77.5 116.3
52 36.0 28.9 43.3

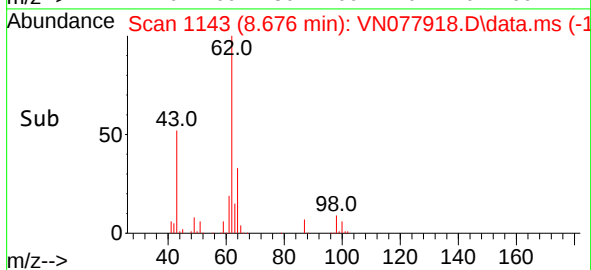
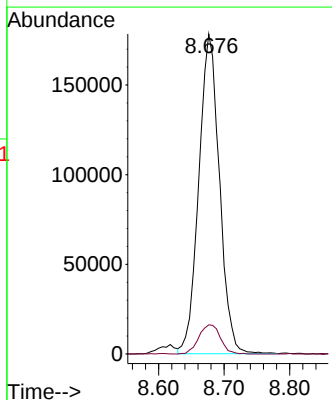
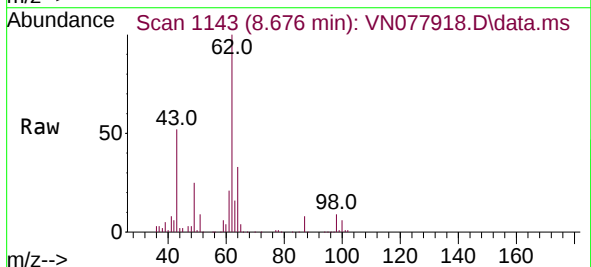
Manual Integrations
APPROVED

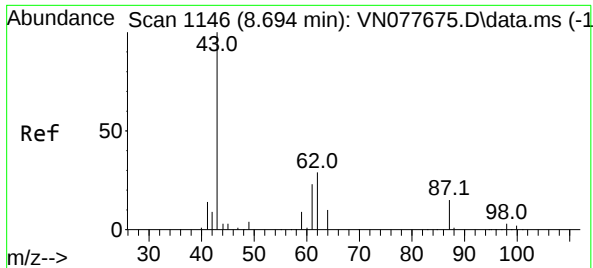
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#42
1,2-Dichloroethane
Concen: 51.365 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.001 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Tgt Ion: 62 Resp: 391184
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8





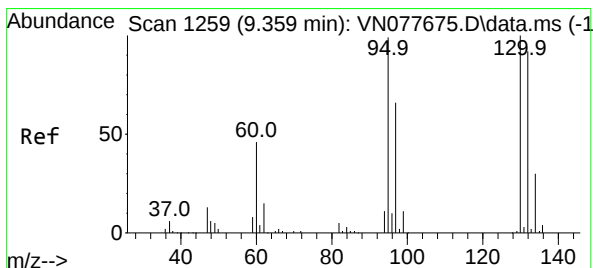
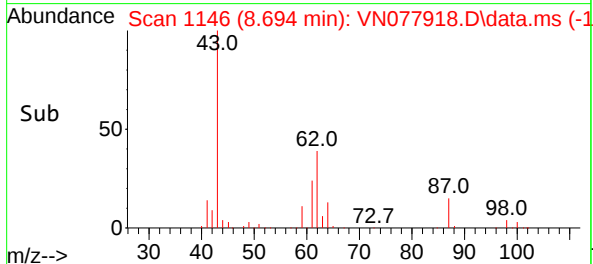
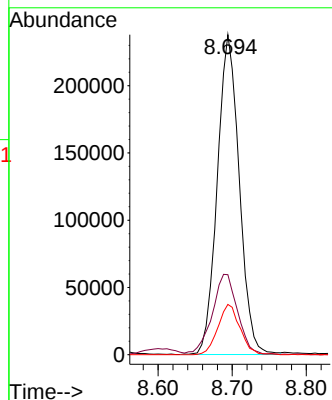
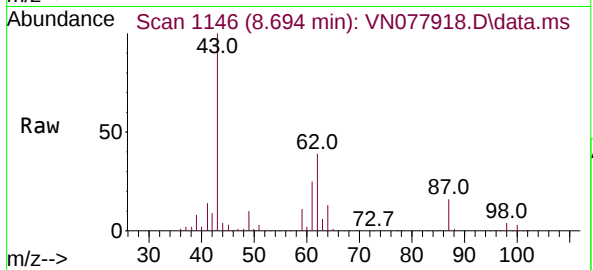
#43
Isopropyl Acetate
Concen: 47.329 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 489534
Ion Ratio Lower Upper
43 100
61 28.8 24.7 37.1
87 15.8 14.6 21.8

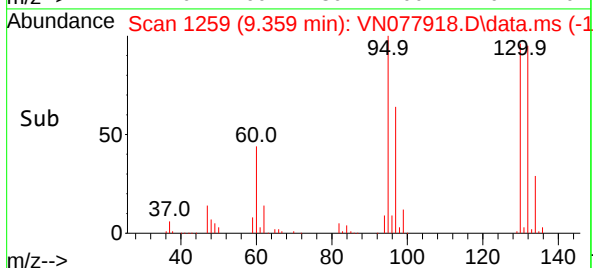
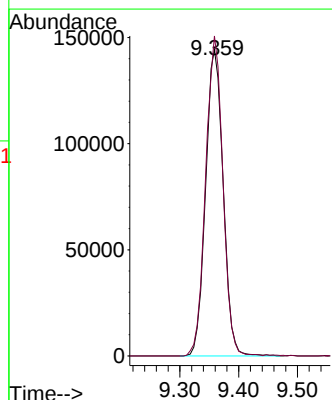
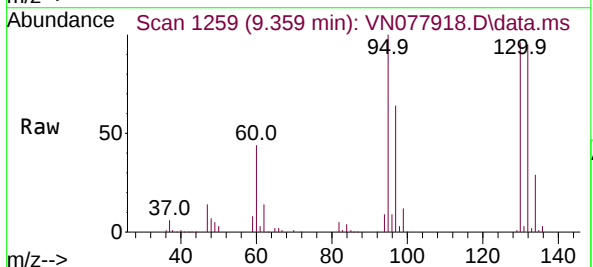
Manual Integrations
APPROVED

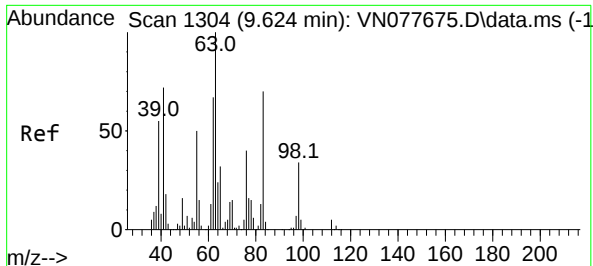
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#44
Trichloroethene
Concen: 56.273 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Tgt Ion:130 Resp: 298729
Ion Ratio Lower Upper
130 100
95 104.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 54.314 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 29045

Ion Ratio Lower Upper

63 100

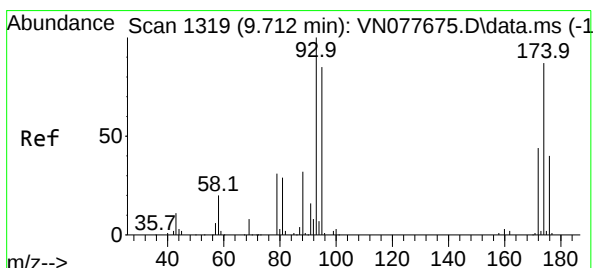
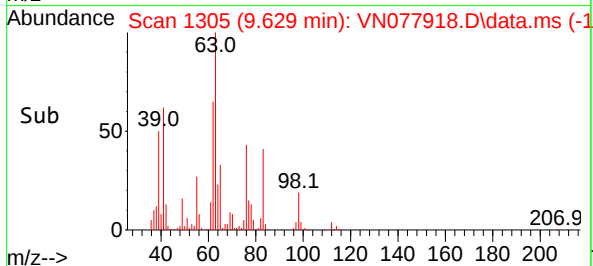
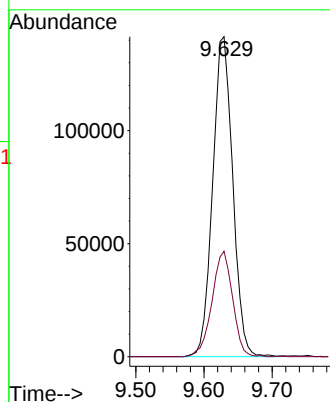
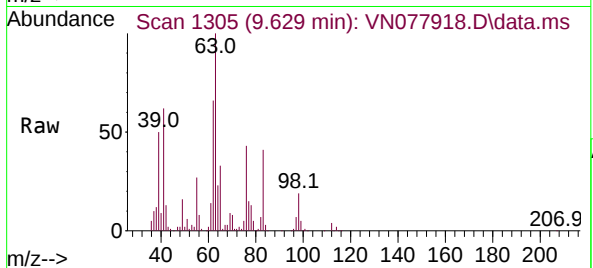
65 33.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#46

Dibromomethane

Concen: 51.725 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

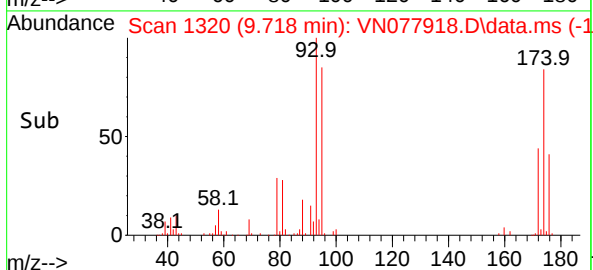
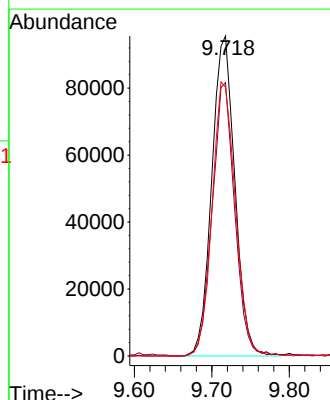
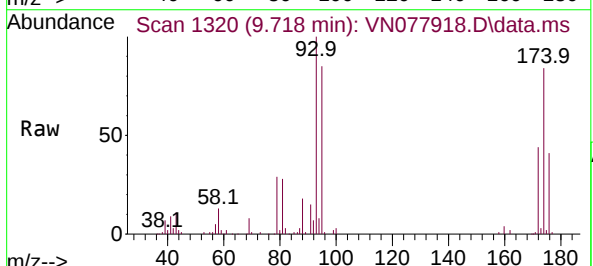
Tgt Ion: 93 Resp: 197930

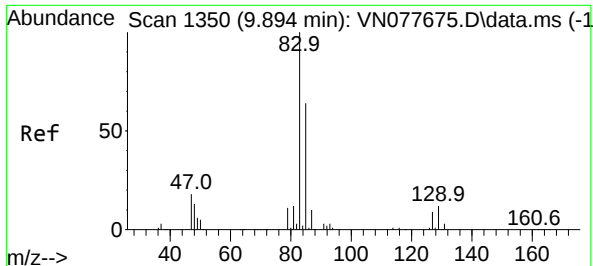
Ion Ratio Lower Upper

93 100

95 83.0 63.8 95.8

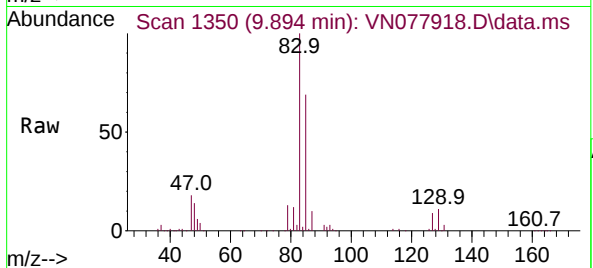
174 86.5 65.6 98.4





#47
Bromodichloromethane
Concen: 55.424 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

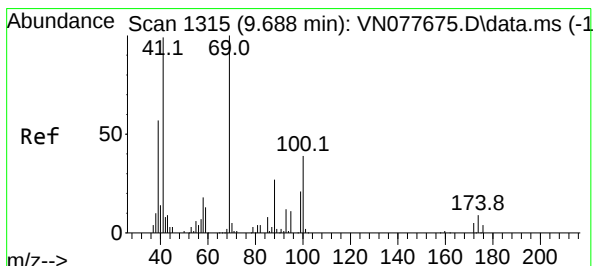
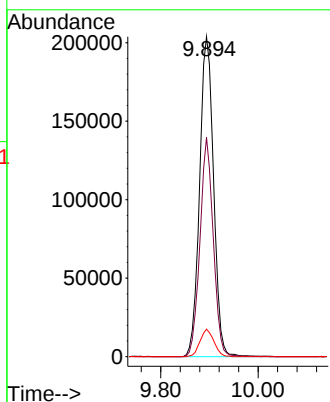
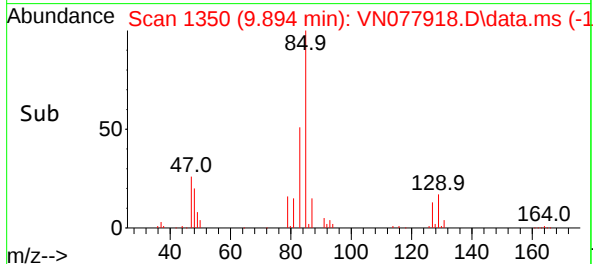
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



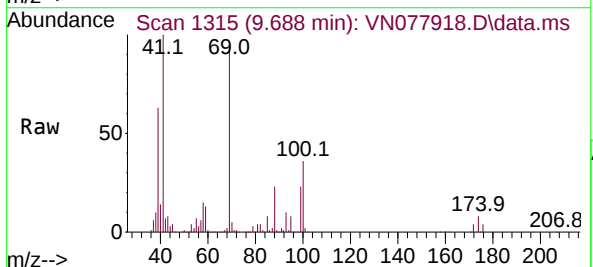
Tgt Ion: 83 Resp: 40604
Ion Ratio Lower Upper
83 100
85 68.6 49.6 74.4
127 8.6 7.0 10.6

Manual Integrations
APPROVED

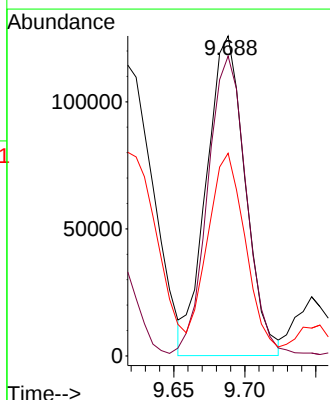
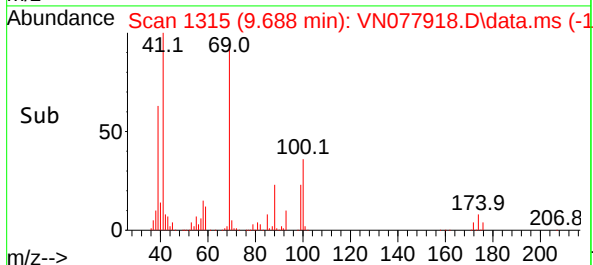
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

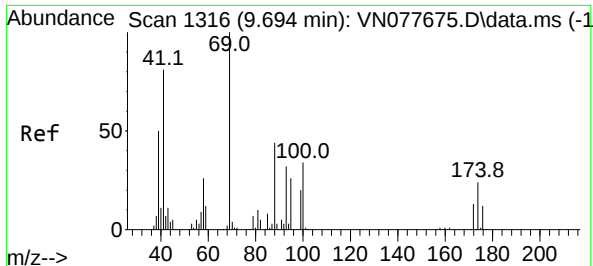


#48
Methyl methacrylate
Concen: 48.816 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35



Tgt Ion: 41 Resp: 239391
Ion Ratio Lower Upper
41 100
69 93.1 90.4 135.6
39 62.3 54.6 81.8





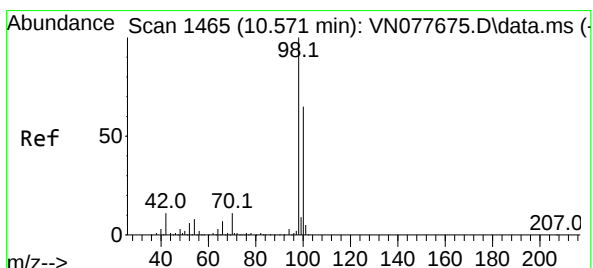
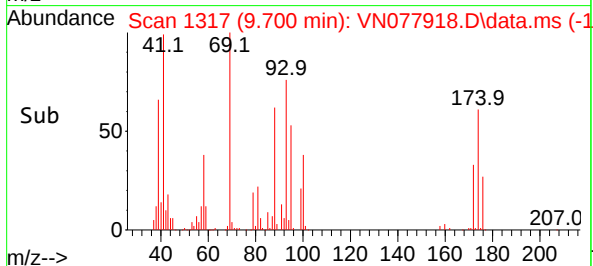
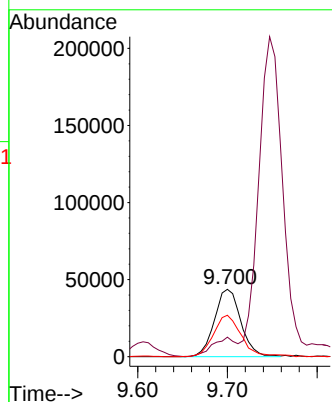
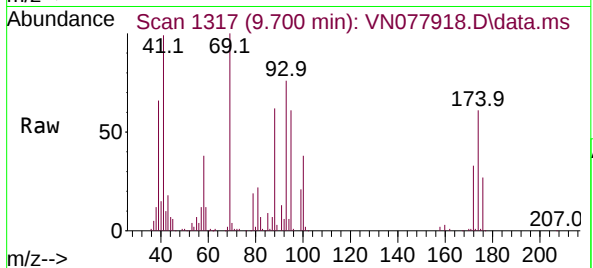
#49
1,4-Dioxane
Concen: 962.784 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 8917
Ion Ratio Lower Upper
88 100
43 25.9 17.0 25.6
58 65.6 47.0 70.4

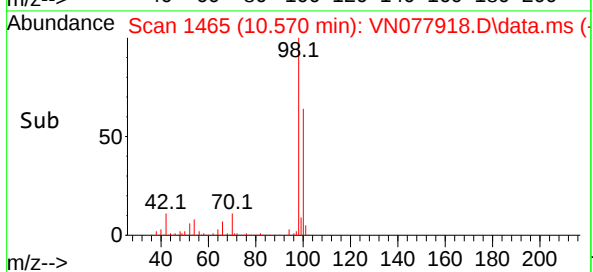
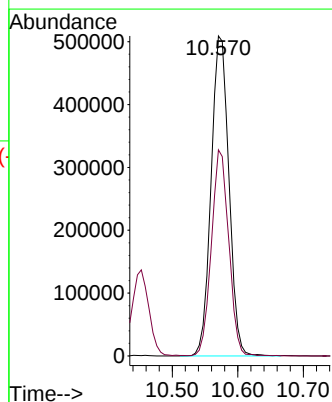
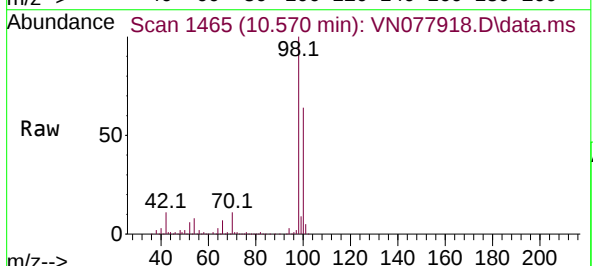
Manual Integrations
APPROVED

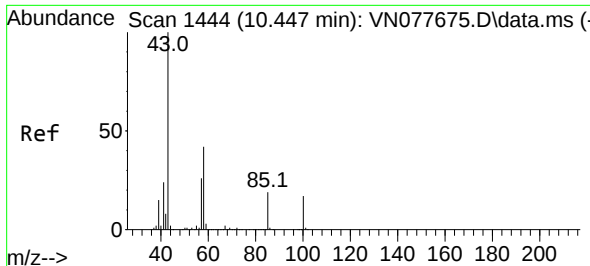
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#50
Toluene-d8
Concen: 51.222 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Tgt Ion: 98 Resp: 957659
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0





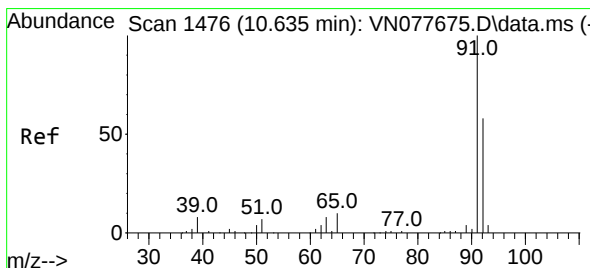
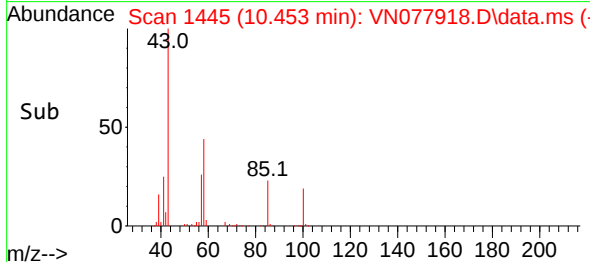
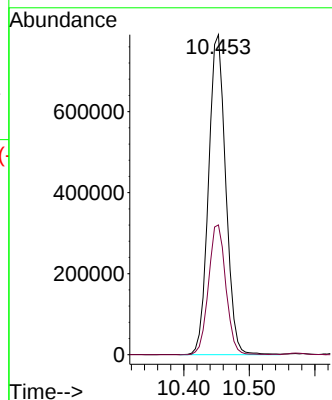
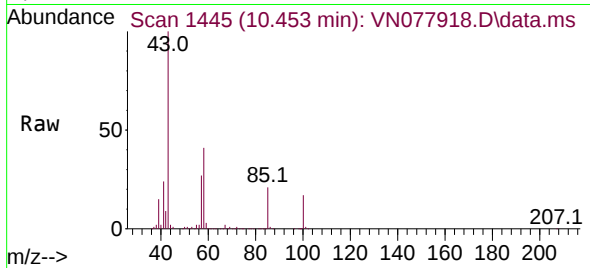
#51
4-Methyl-2-Pentanone
Concen: 233.810 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1437500
Ion Ratio Lower Upper
43 100
58 41.0 36.6 54.8

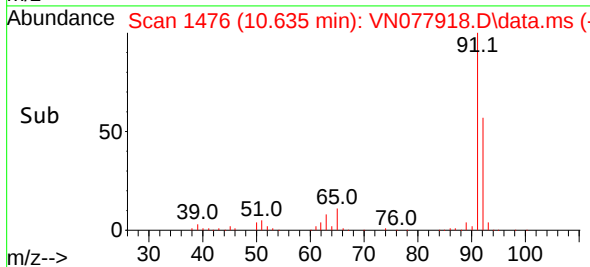
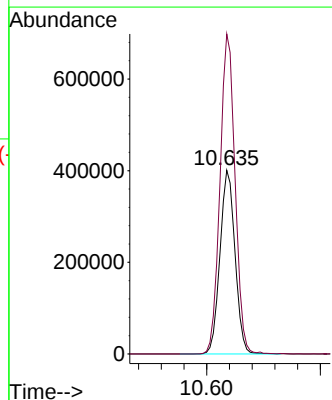
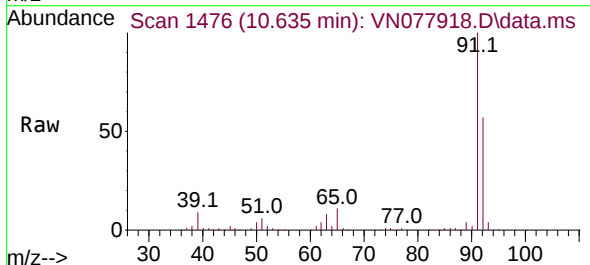
Manual Integrations
APPROVED

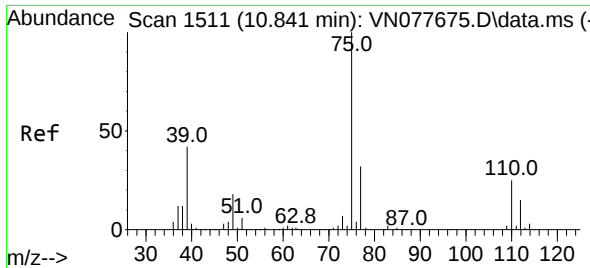
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#52
Toluene
Concen: 56.553 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

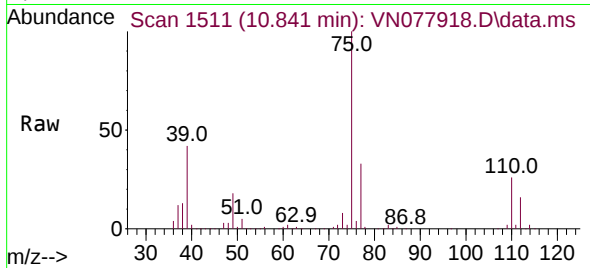
Tgt Ion: 92 Resp: 738129
Ion Ratio Lower Upper
92 100
91 174.5 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 55.935 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

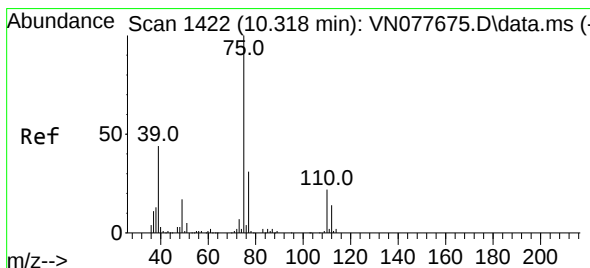
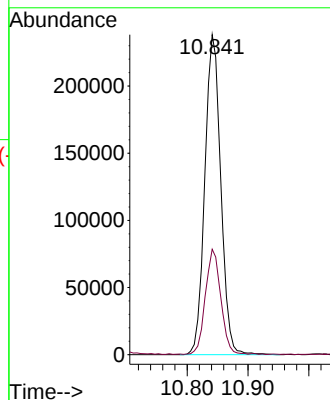
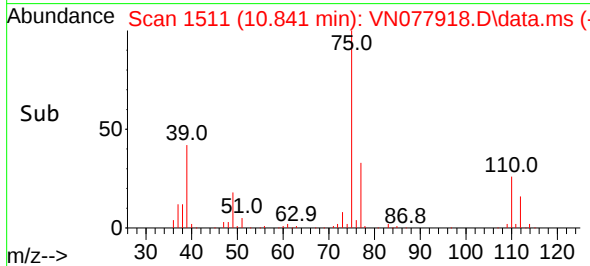
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



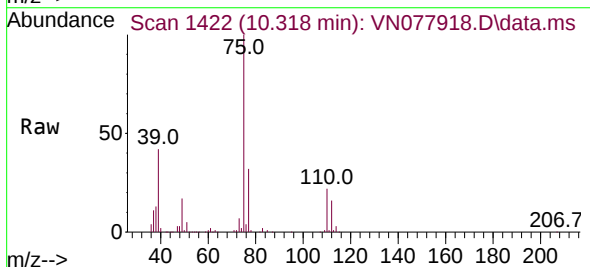
Tgt Ion: 75 Resp: 433945
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0

Manual Integrations
APPROVED

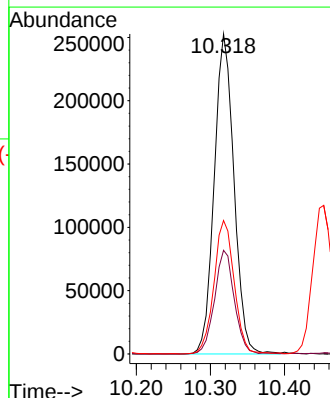
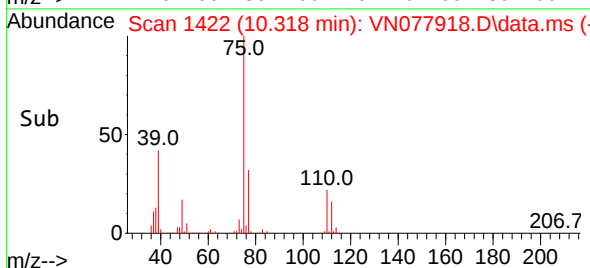
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

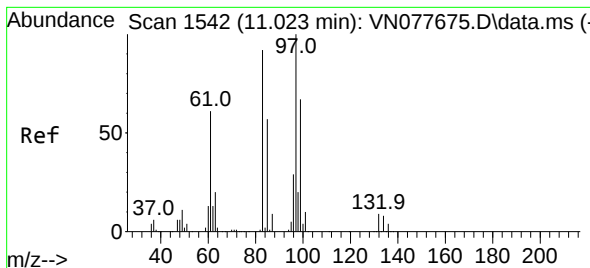


#54
cis-1,3-Dichloropropene
Concen: 54.648 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35



Tgt Ion: 75 Resp: 467205
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
39 41.7 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 53.132 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 275354

Ion Ratio Lower Upper

97 100

83 86.3 65.1 97.7

85 54.4 43.4 65.2

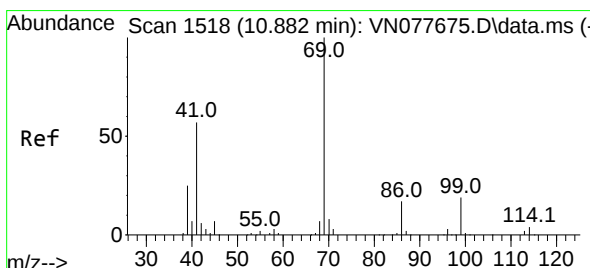
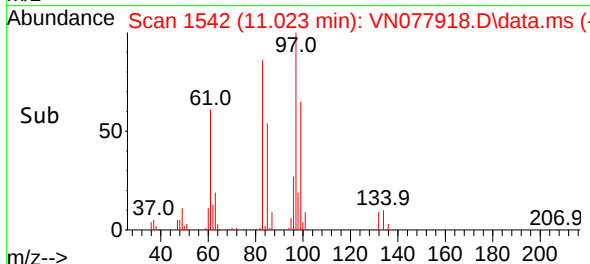
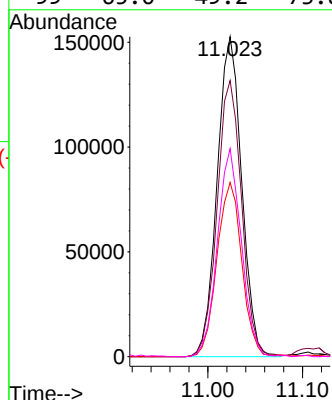
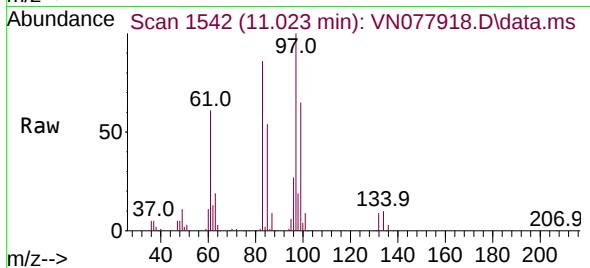
99 65.0 49.2 73.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#56

Ethyl methacrylate

Concen: 50.673 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

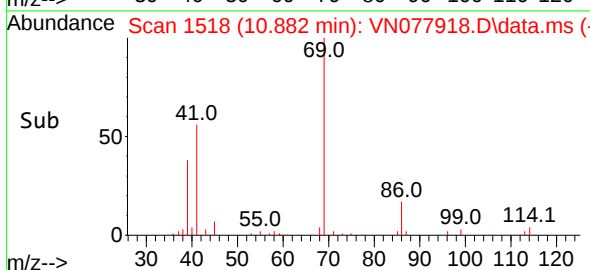
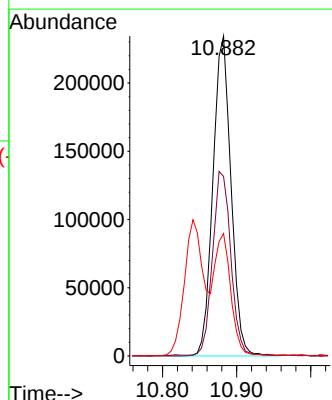
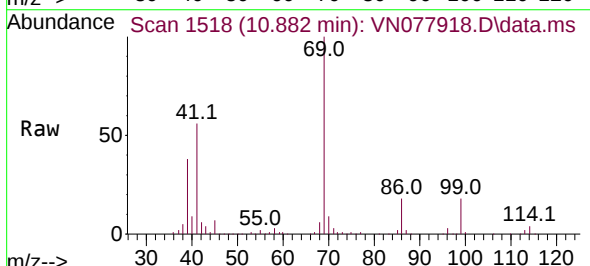
Tgt Ion: 69 Resp: 397059

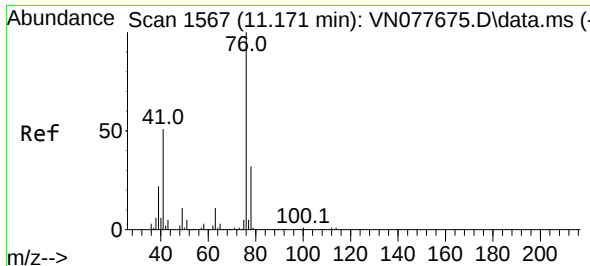
Ion Ratio Lower Upper

69 100

41 57.9 39.6 59.4

39 33.6 28.6 43.0





#57

1,3-Dichloropropane

Concen: 53.058 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 47138

Ion Ratio Lower Upper

76 100

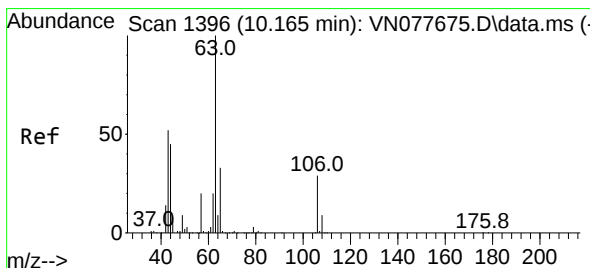
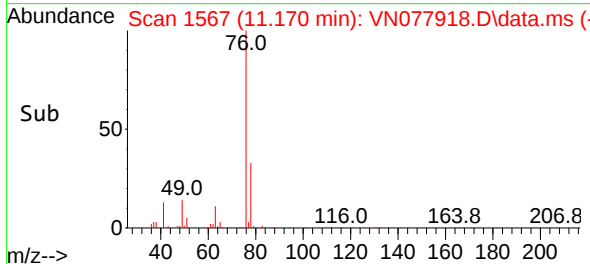
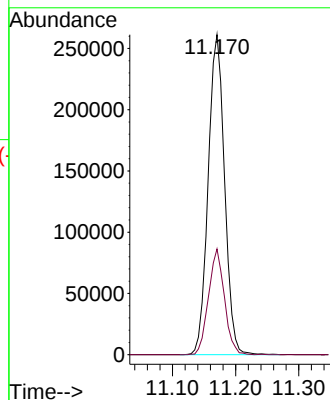
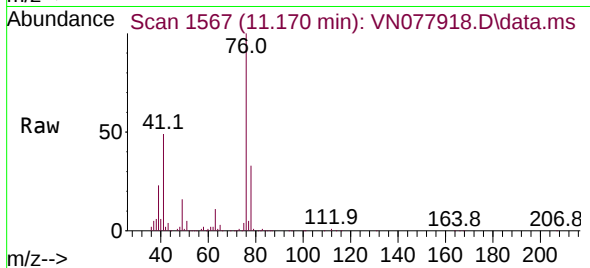
78 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 202.217 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077918.D

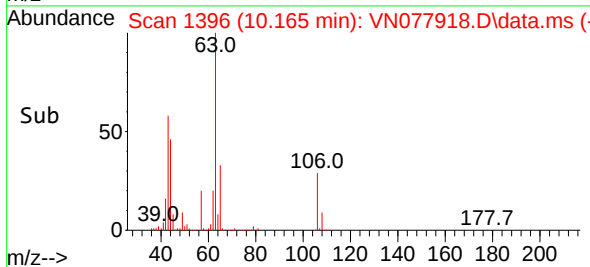
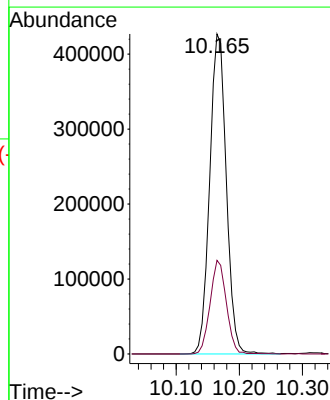
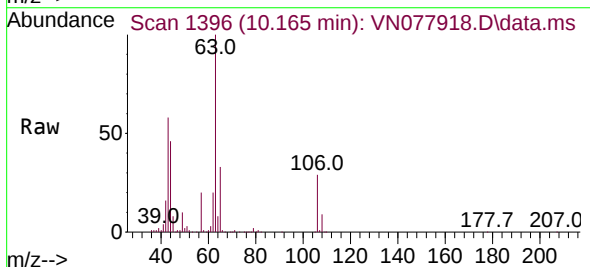
Acq: 26 May 2023 10:35

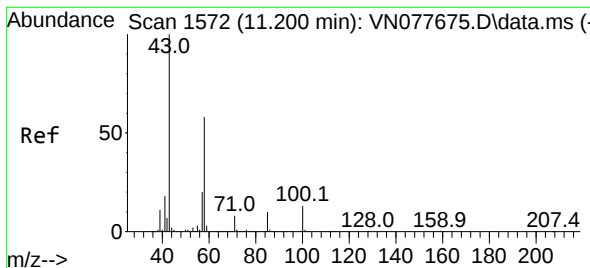
Tgt Ion: 63 Resp: 779526

Ion Ratio Lower Upper

63 100

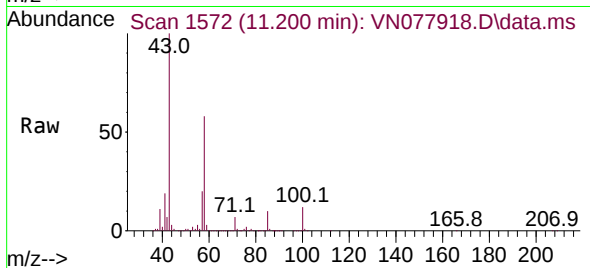
106 28.6 26.2 39.4





#59
2-Hexanone
Concen: 223.134 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

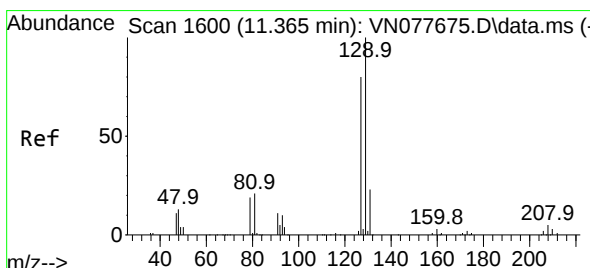
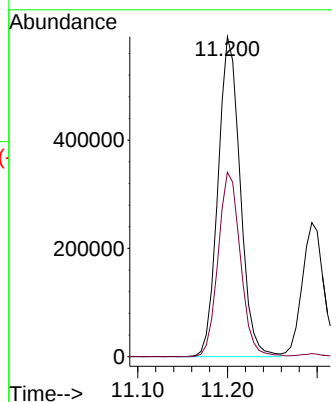
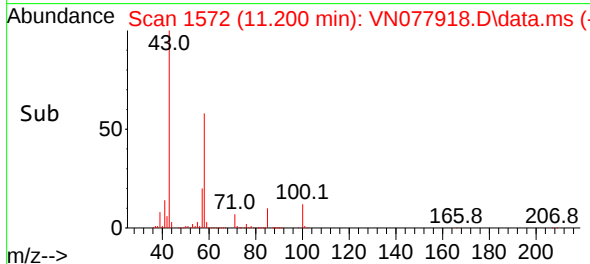
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1014709
Ion Ratio Lower Upper
43 100
58 58.0 31.7 95.1

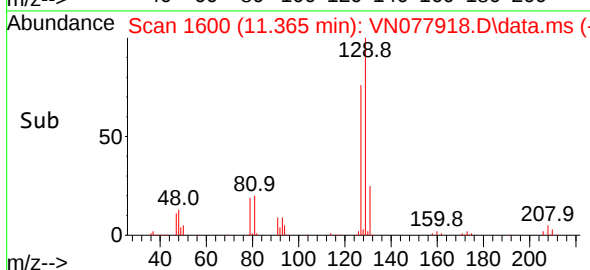
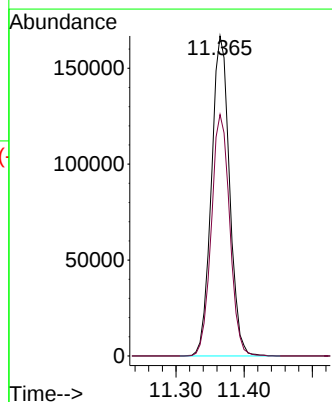
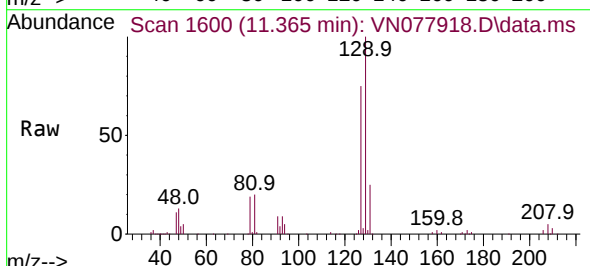
Manual Integrations
APPROVED

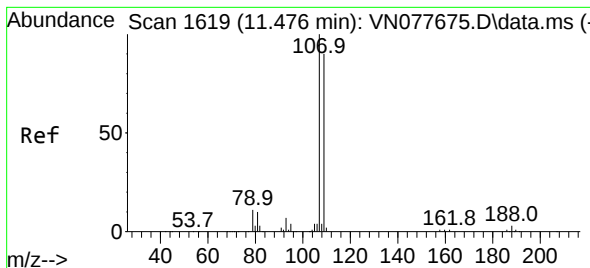
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#60
Dibromochloromethane
Concen: 57.695 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

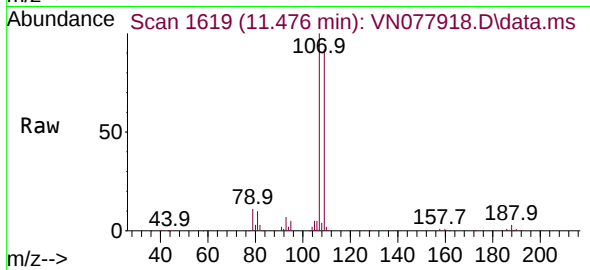
Tgt Ion:129 Resp: 308670
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.054 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

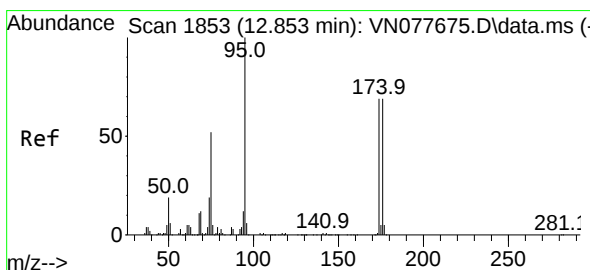
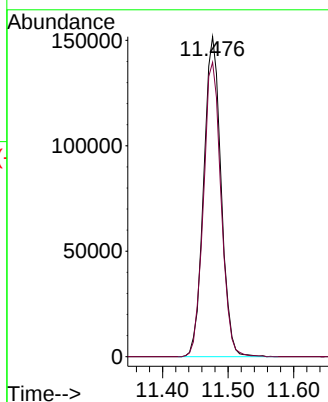
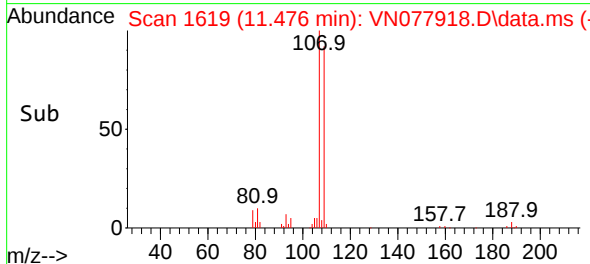
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



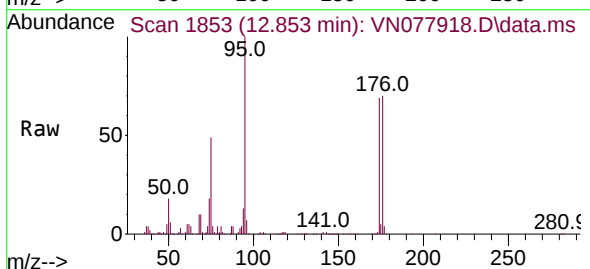
Tgt Ion: 107 Resp: 27946
Ion Ratio Lower Upper
107 100
109 93.2 76.6 114.8

Manual Integrations
APPROVED

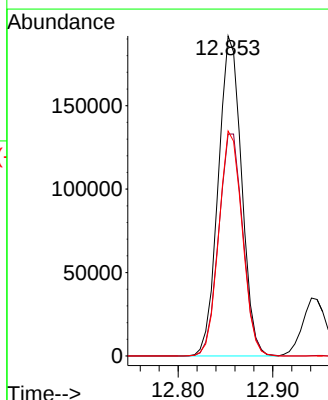
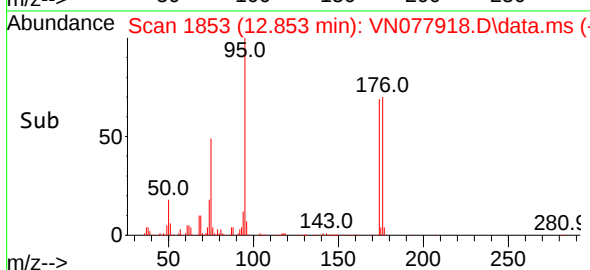
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

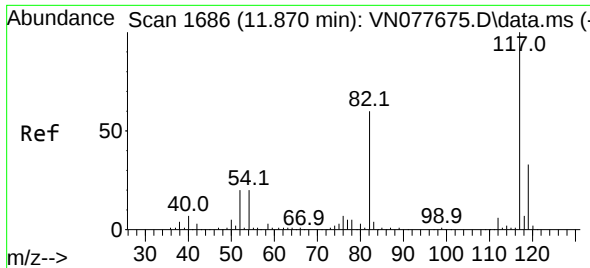


#62
4-Bromofluorobenzene
Concen: 49.714 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35



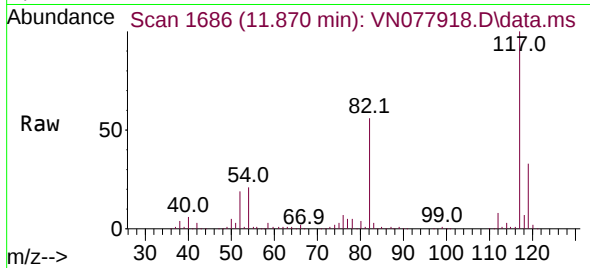
Tgt Ion: 95 Resp: 328266
Ion Ratio Lower Upper
95 100
174 72.0 0.0 143.8
176 70.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

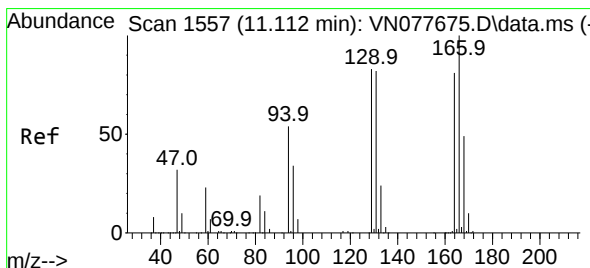
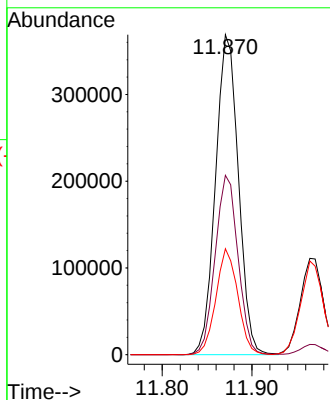
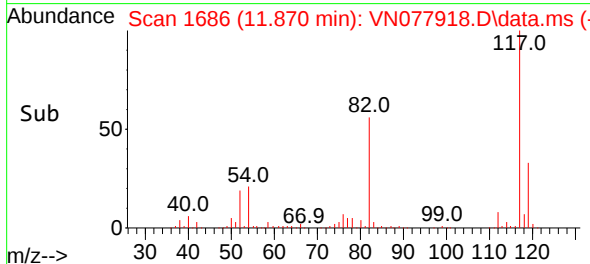
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 653739
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 33.1 25.6 38.4

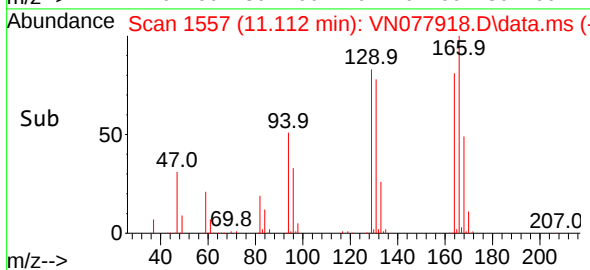
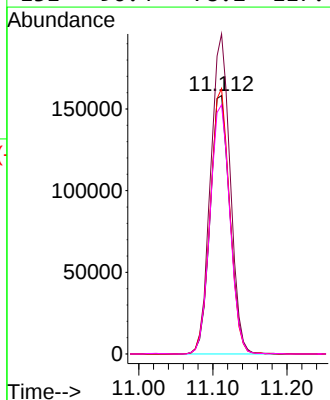
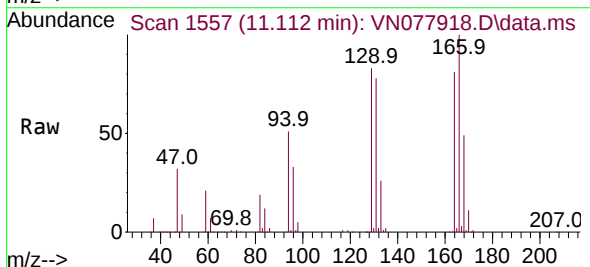
Manual Integrations
APPROVED

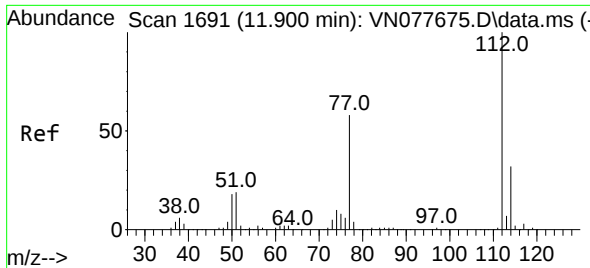
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#64
Tetrachloroethene
Concen: 63.421 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

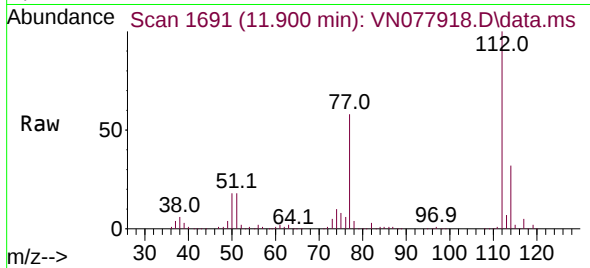
Tgt Ion:164 Resp: 289944
Ion Ratio Lower Upper
164 100
166 123.9 101.4 152.0
129 102.8 82.4 123.6
131 96.4 78.2 117.4





#65
Chlorobenzene
Concen: 55.101 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

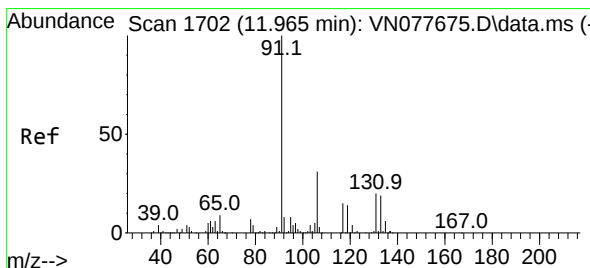
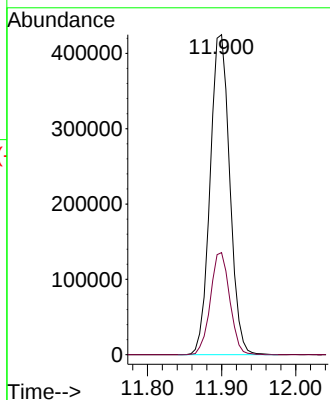
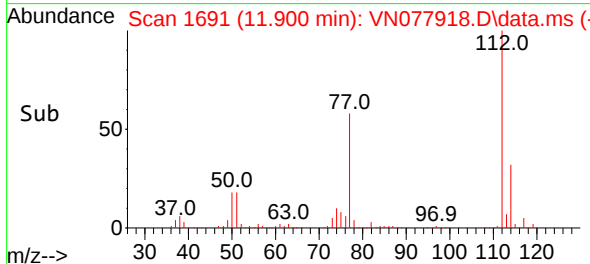
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



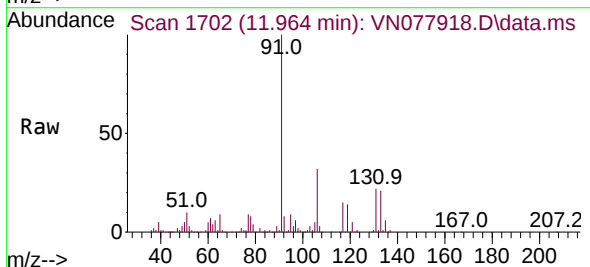
Tgt Ion:112 Resp: 78091
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4

Manual Integrations
APPROVED

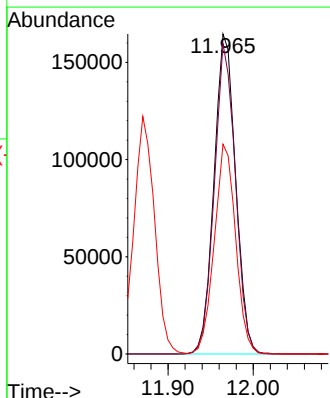
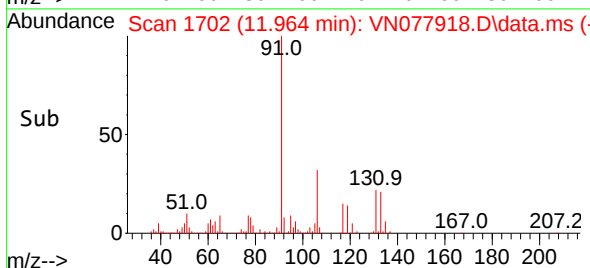
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

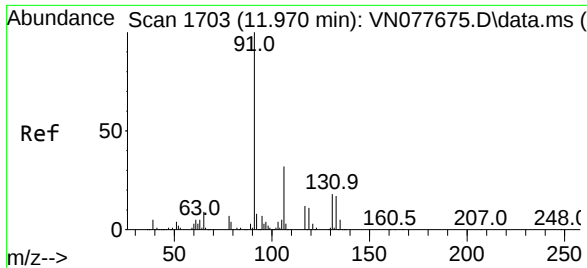


#66
1,1,1,2-Tetrachloroethane
Concen: 59.062 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.001 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35



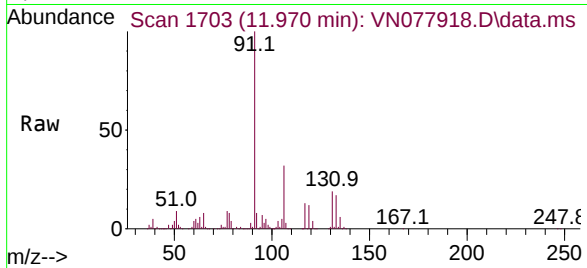
Tgt Ion:131 Resp: 289627
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 65.0 34.1 102.2





#67
Ethyl Benzene
Concen: 56.020 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

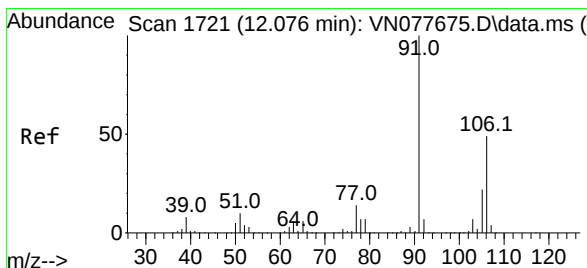
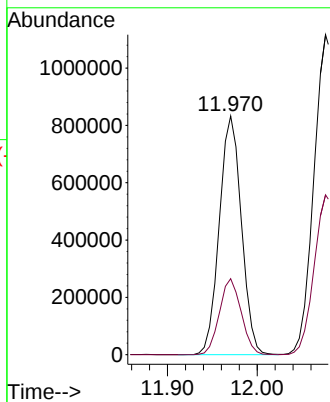
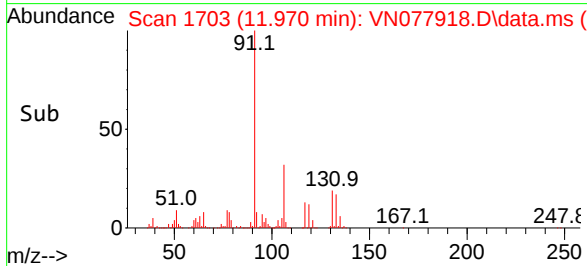
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



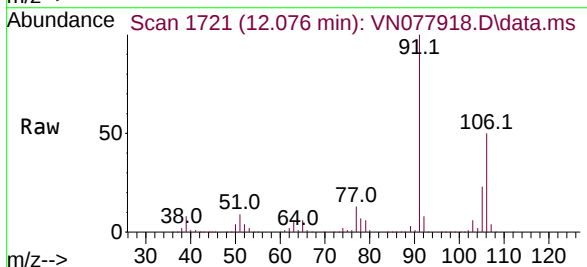
Tgt Ion: 91 Resp: 142275
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

Manual Integrations
APPROVED

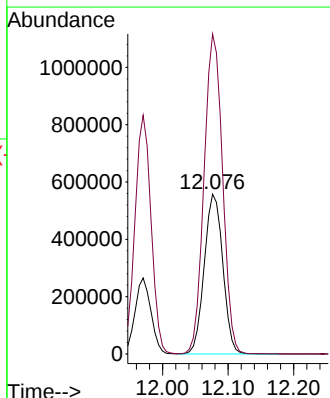
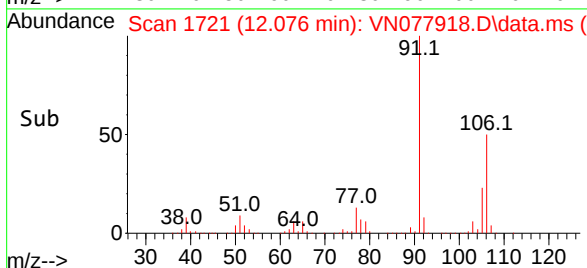
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

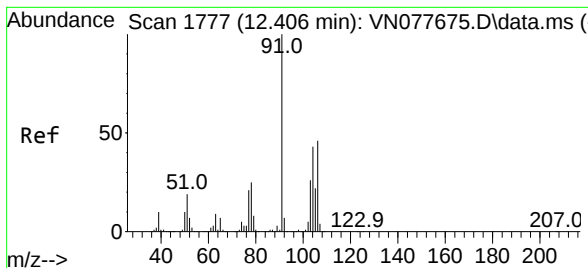


#68
m/p-Xylenes
Concen: 113.949 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35



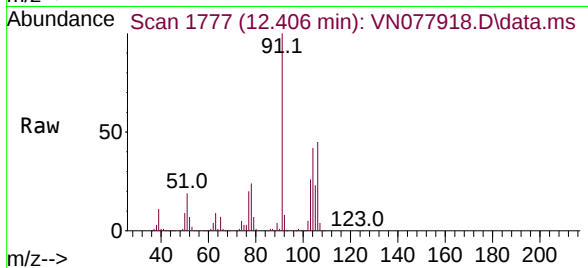
Tgt Ion:106 Resp: 1096566
Ion Ratio Lower Upper
106 100
91 200.1 159.6 239.4





#69
o-Xylene
Concen: 55.923 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

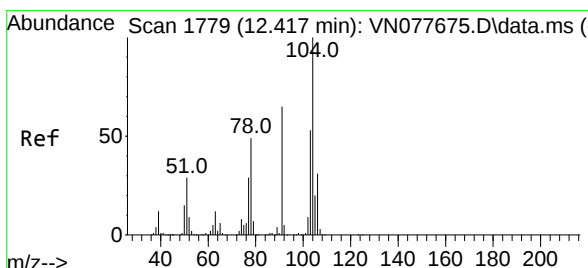
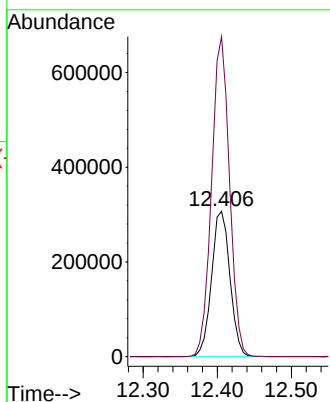
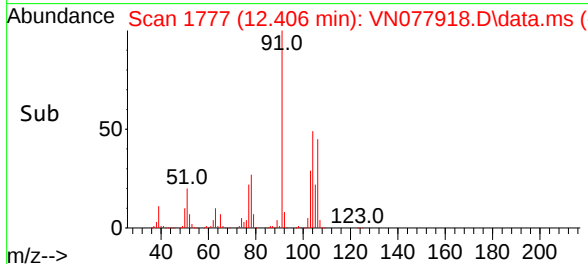
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 529258
Ion Ratio Lower Upper
106 100
91 214.7 105.2 315.5

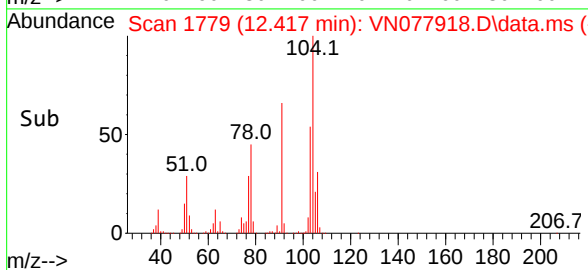
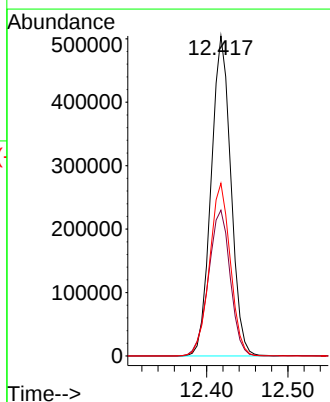
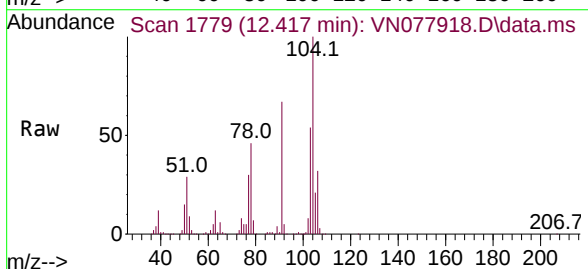
Manual Integrations
APPROVED

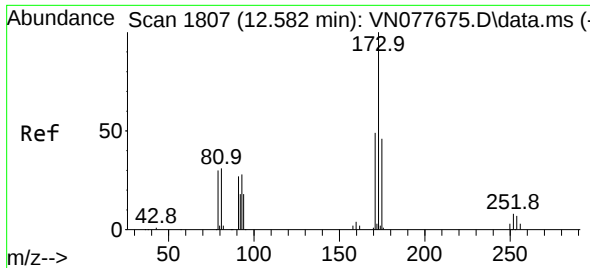
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#70
Styrene
Concen: 56.912 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

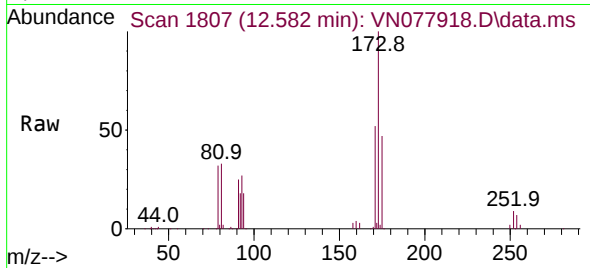
Tgt Ion:104 Resp: 855626
Ion Ratio Lower Upper
104 100
78 49.9 39.5 59.3
103 56.5 43.2 64.8





#71
Bromoform
Concen: 57.153 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

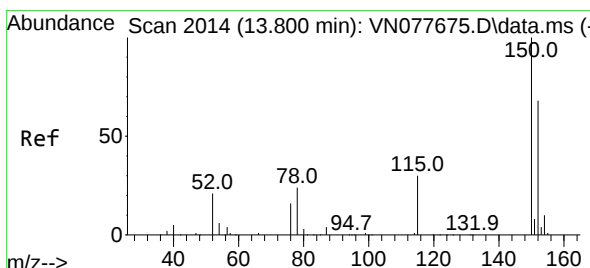
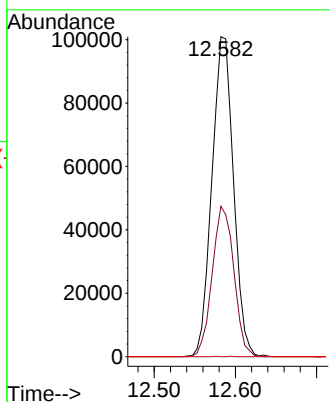
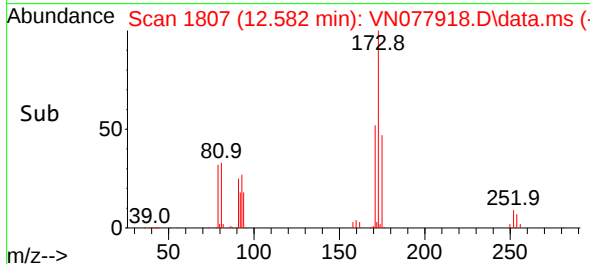
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



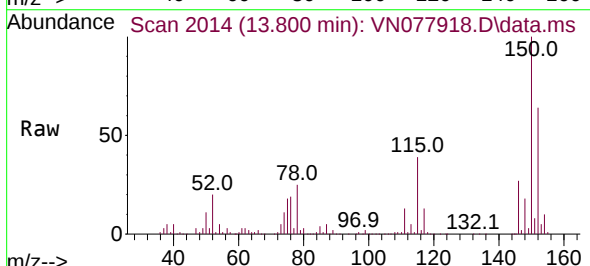
Tgt Ion:173 Resp: 18644
Ion Ratio Lower Upper
173 100
175 47.2 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

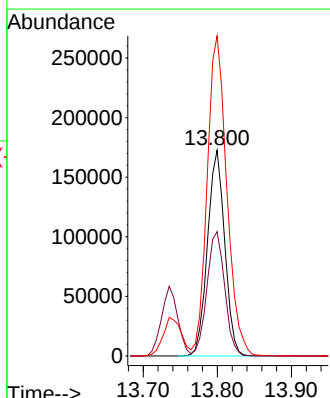
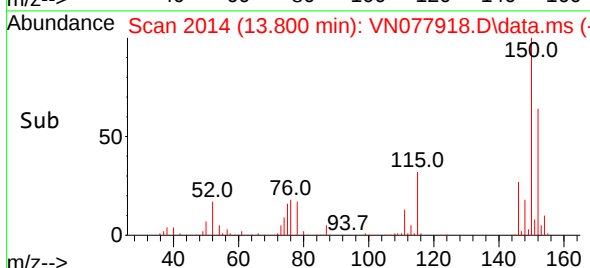
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

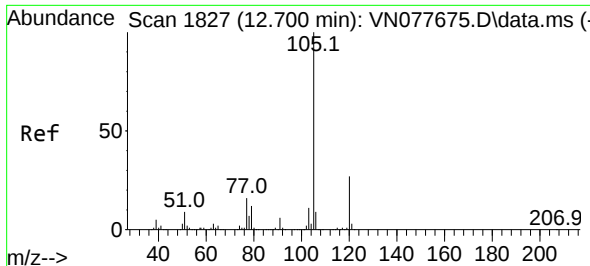


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35



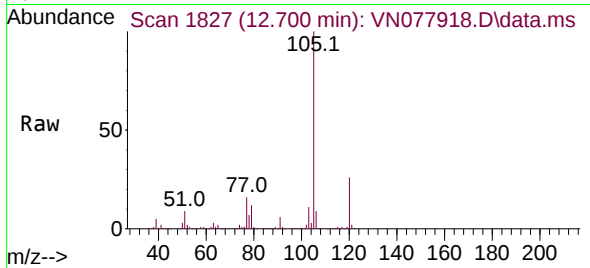
Tgt Ion:152 Resp: 279017
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 176.6 0.0 355.8





#73
Isopropylbenzene
Concen: 57.930 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

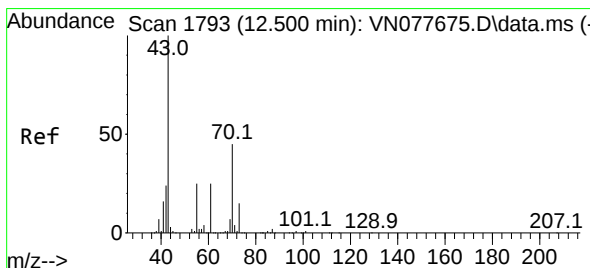
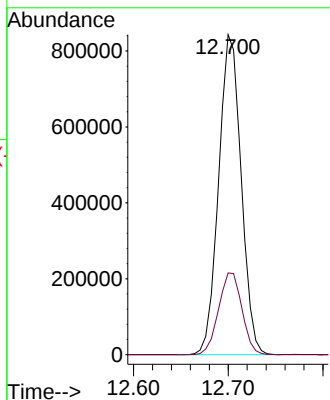
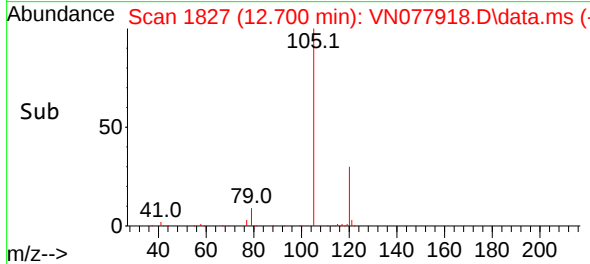
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



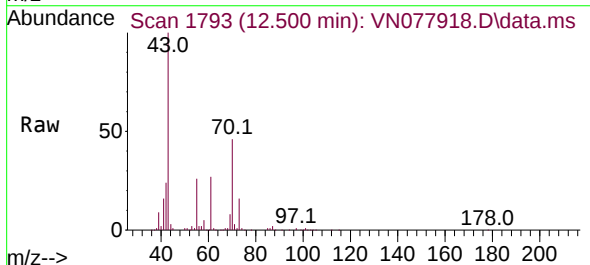
Tgt Ion:105 Resp: 1393294
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
APPROVED

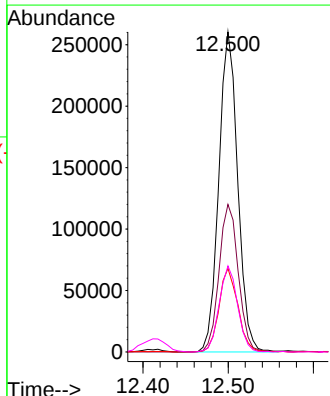
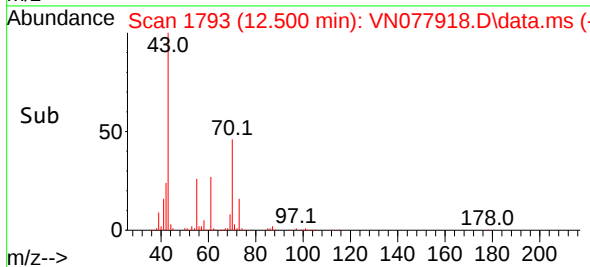
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

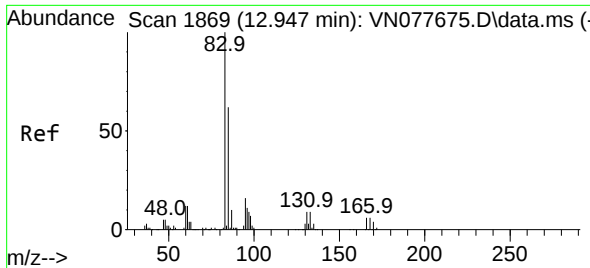


#74
N-ethyl acetate
Concen: 45.204 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35



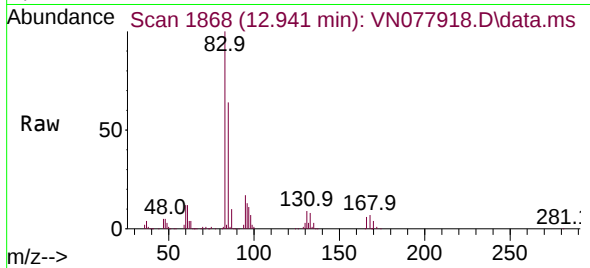
Tgt Ion: 43 Resp: 401870
Ion Ratio Lower Upper
43 100
70 47.0 43.4 65.2
55 26.1 21.4 32.0
61 26.2 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.155 ug/l
RT: 12.941 min Scan# 1869
Delta R.T. -0.006 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

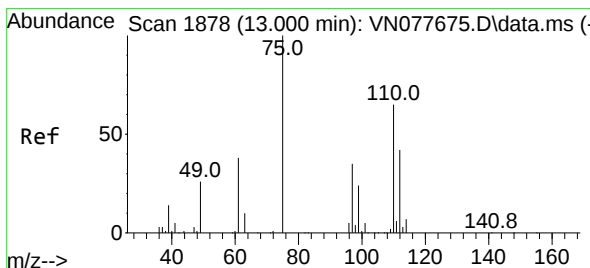
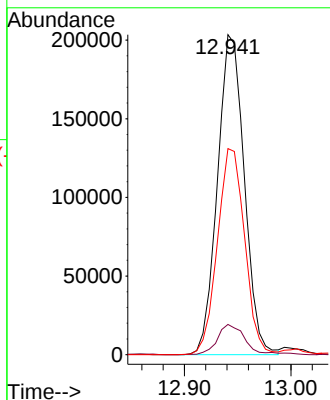
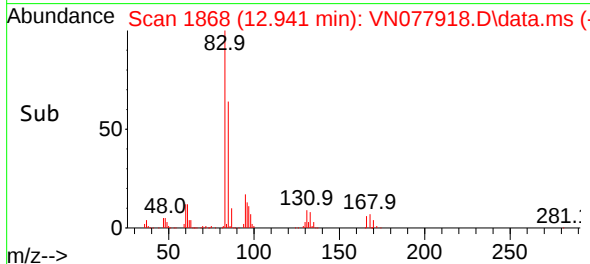
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 35630
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 65.4 31.9 95.7

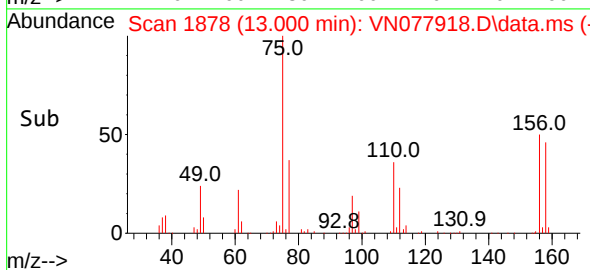
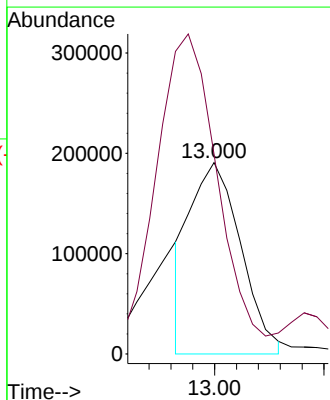
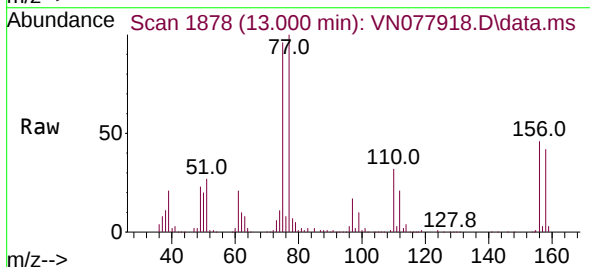
Manual Integrations
APPROVED

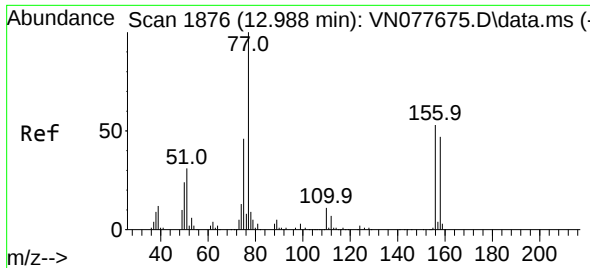
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#76
1,2,3-Trichloropropane
Concen: 44.109 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Tgt Ion: 75 Resp: 308214
Ion Ratio Lower Upper
75 100
77 204.1 84.5 253.5





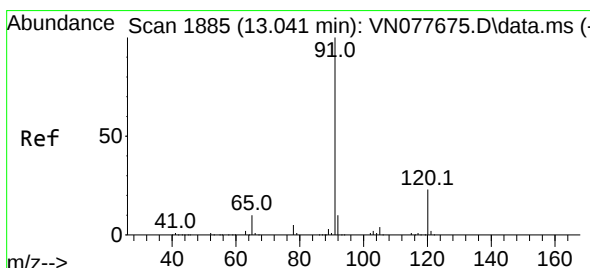
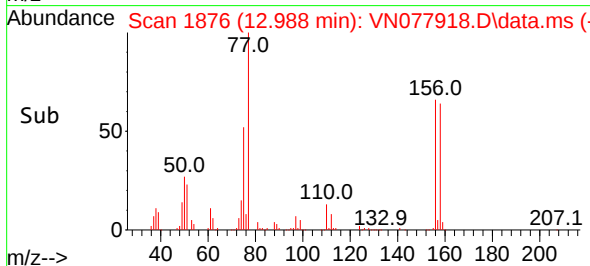
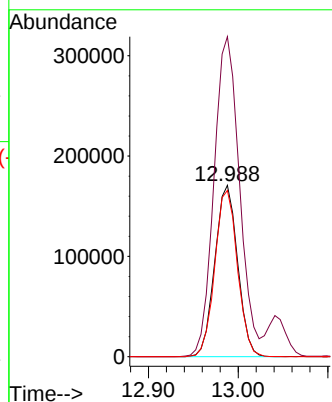
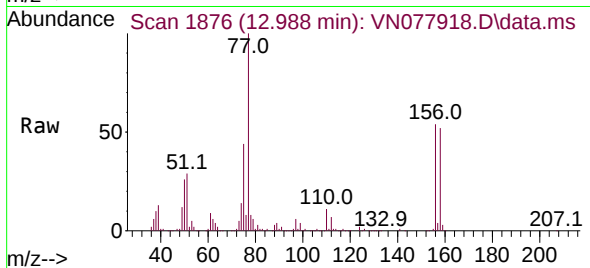
#77
Bromobenzene
Concen: 54.865 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 301138
Ion Ratio Lower Upper
156 100
77 208.9 107.7 323.3
158 96.6 48.4 145.3

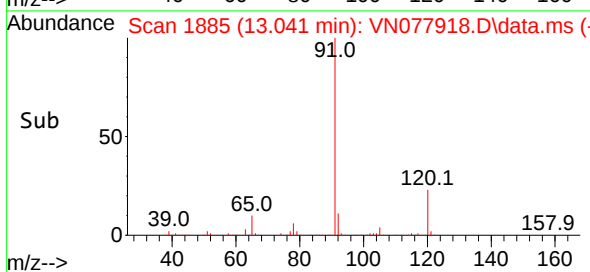
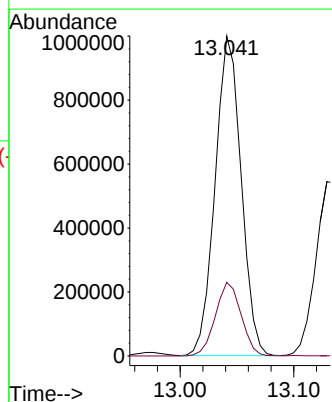
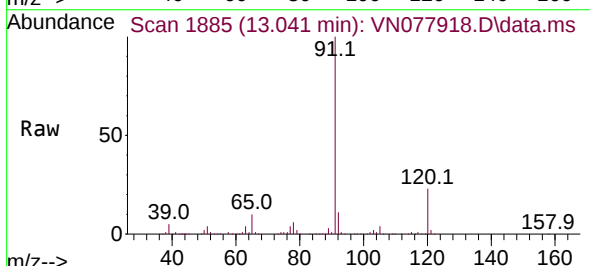
Manual Integrations
APPROVED

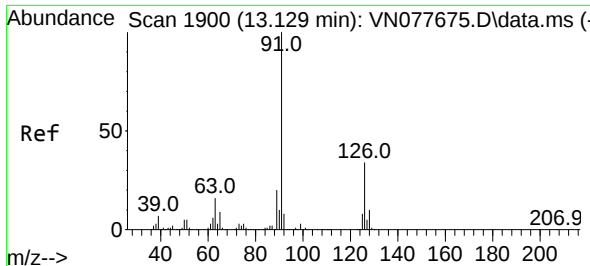
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#78
n-propylbenzene
Concen: 56.059 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Tgt Ion: 91 Resp: 1589563
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





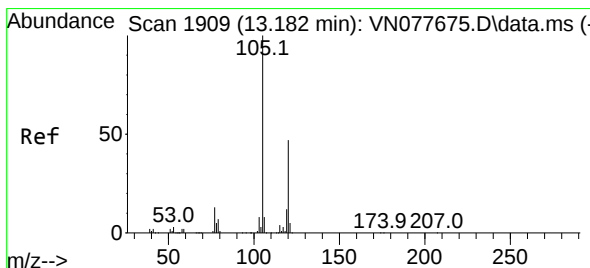
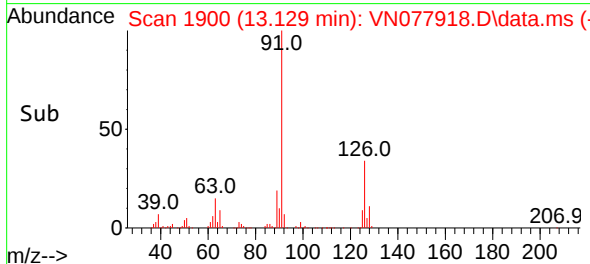
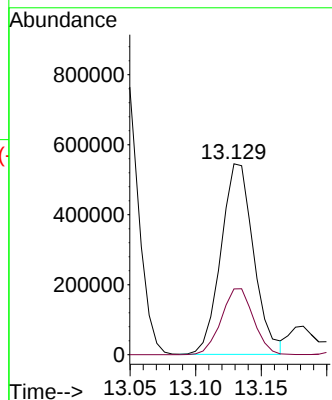
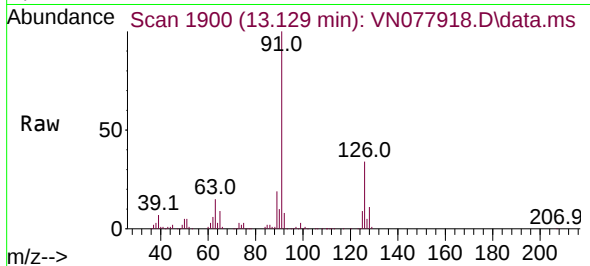
#79
2-Chlorotoluene
Concen: 55.834 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 944711
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

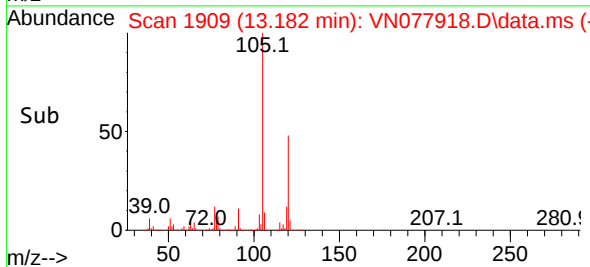
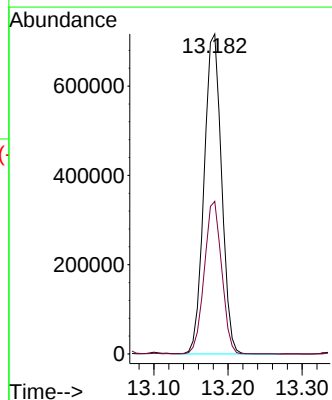
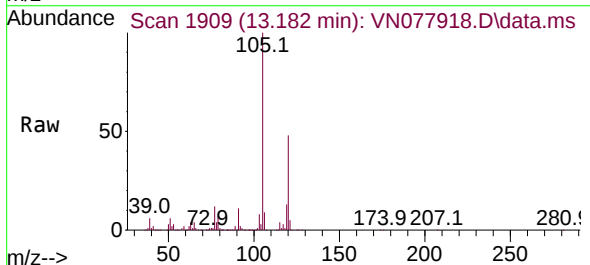
Manual Integrations
APPROVED

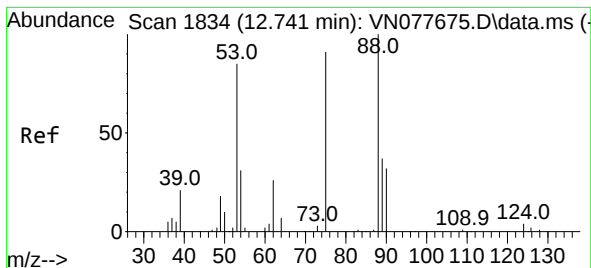
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 57.976 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

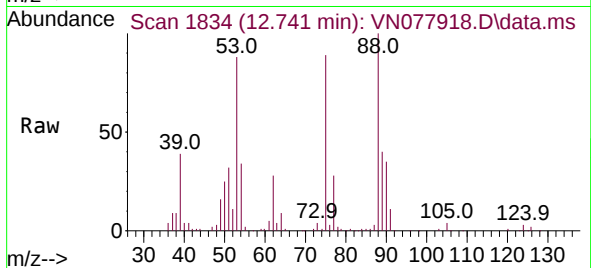
Tgt Ion:105 Resp: 1171942
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.586 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

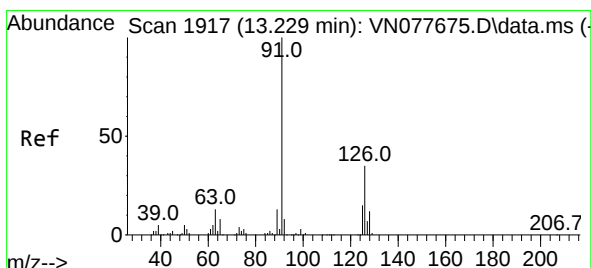
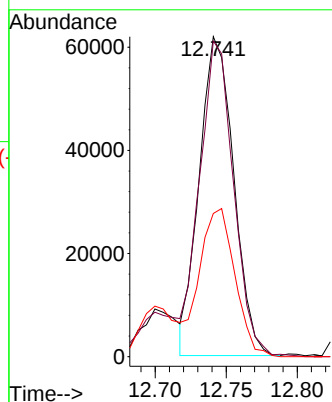
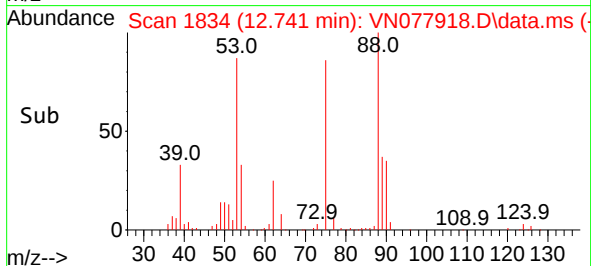
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



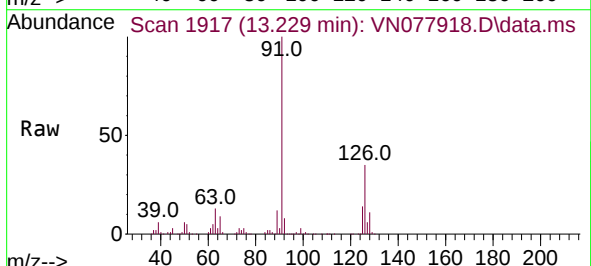
Tgt Ion: 75 Resp: 104024
Ion Ratio Lower Upper
75 100
53 98.1 67.4 101.2
89 48.2 38.8 58.2

Manual Integrations
APPROVED

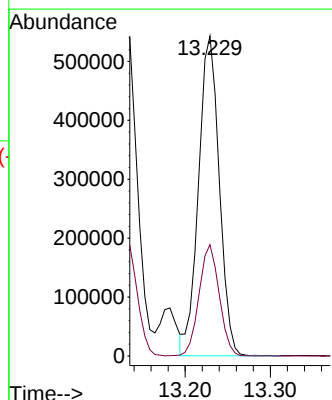
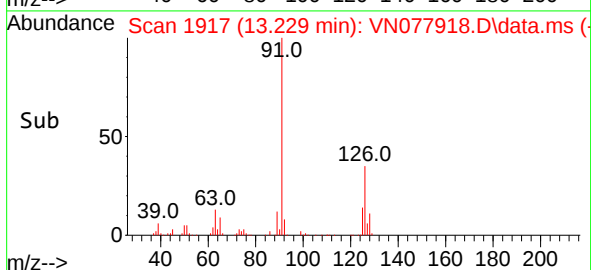
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

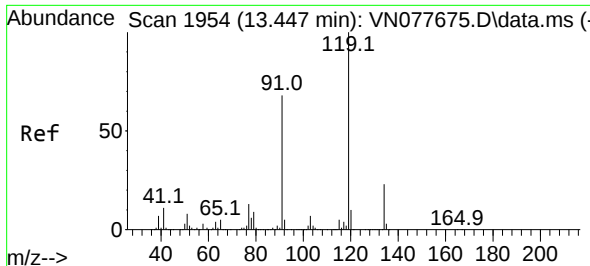


#82
4-Chlorotoluene
Concen: 54.409 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35



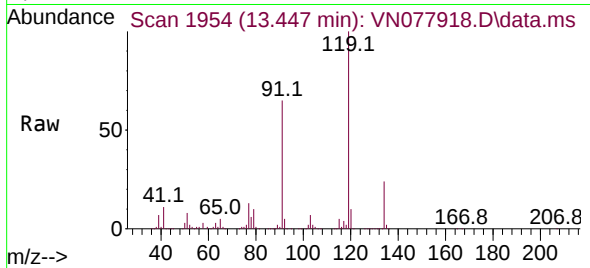
Tgt Ion: 91 Resp: 915958
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 55.237 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

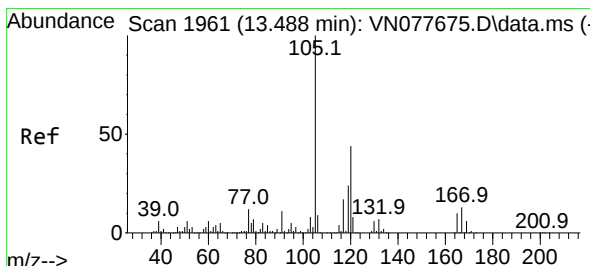
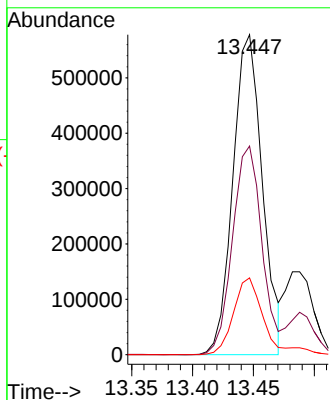
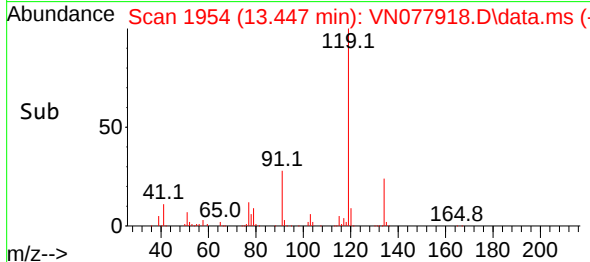
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



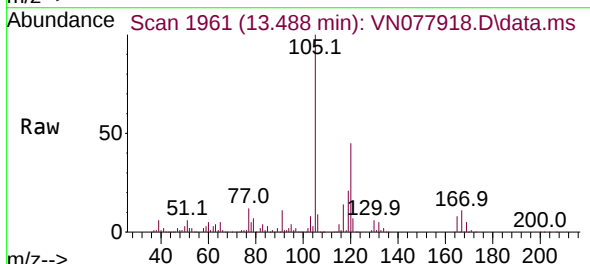
Tgt Ion:119 Resp: 97476
Ion Ratio Lower Upper
119 100
91 64.9 33.9 101.7
134 24.8 13.2 39.6

Manual Integrations
APPROVED

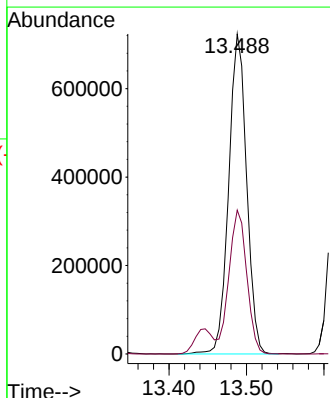
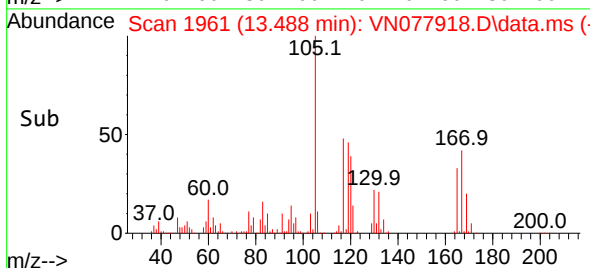
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

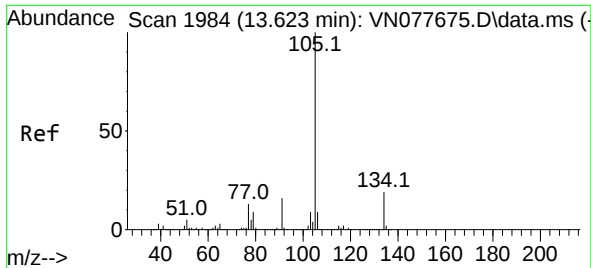


#84
1,2,4-Trimethylbenzene
Concen: 58.505 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35



Tgt Ion:105 Resp: 1163104
Ion Ratio Lower Upper
105 100
120 45.1 22.0 66.0





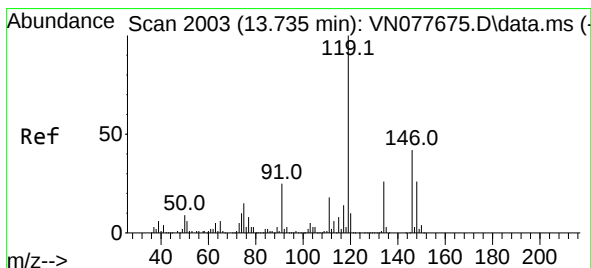
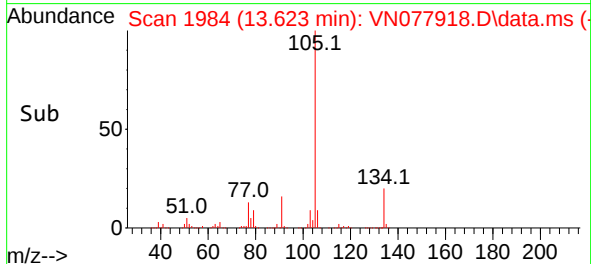
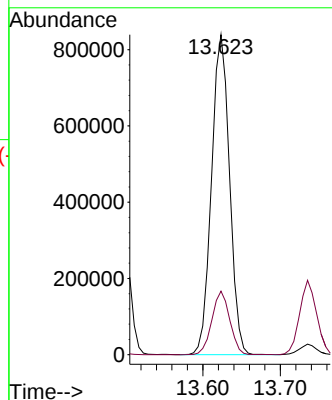
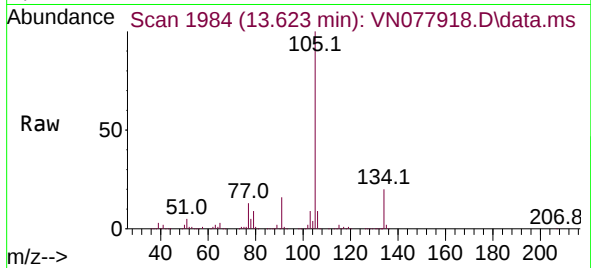
#85
 sec-Butylbenzene
 Concen: 54.018 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077918.D
 Acq: 26 May 2023 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 135474
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

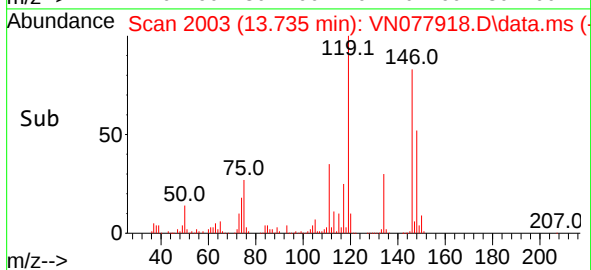
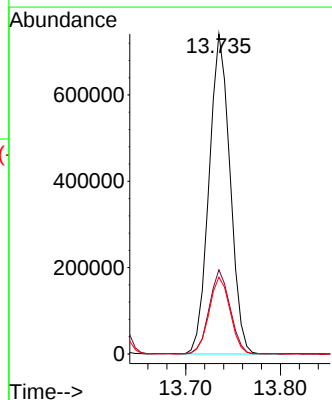
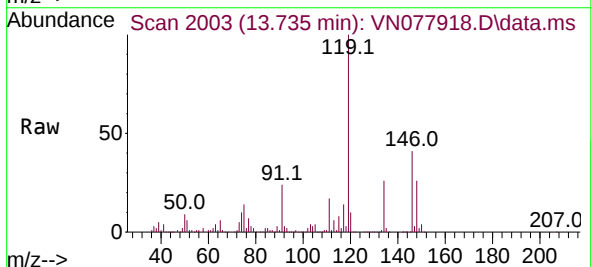
Manual Integrations
 APPROVED

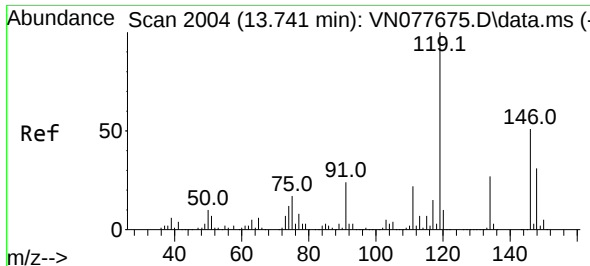
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#86
 p-Isopropyltoluene
 Concen: 56.932 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN077918.D
 Acq: 26 May 2023 10:35

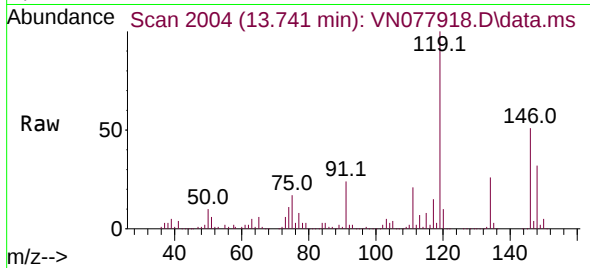
Tgt Ion:119 Resp: 1138302
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 24.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 53.594 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN077918.D
 Acq: 26 May 2023 10:35

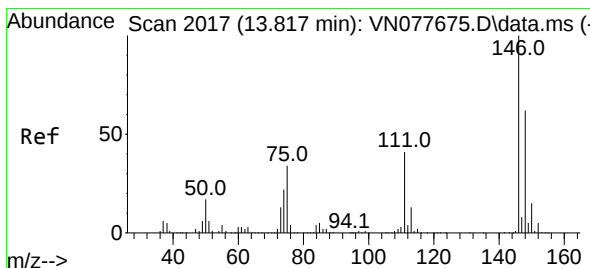
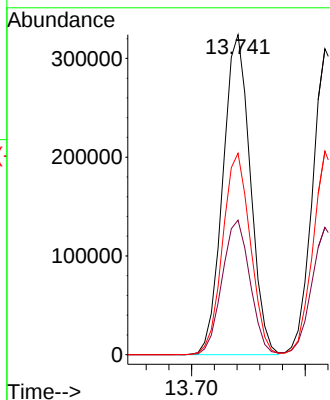
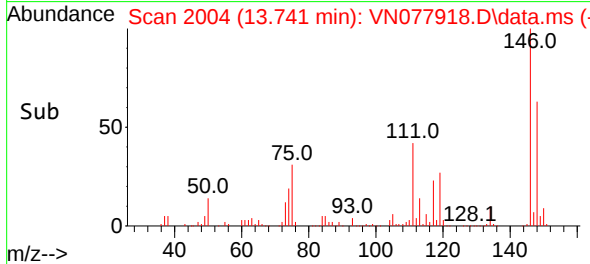
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



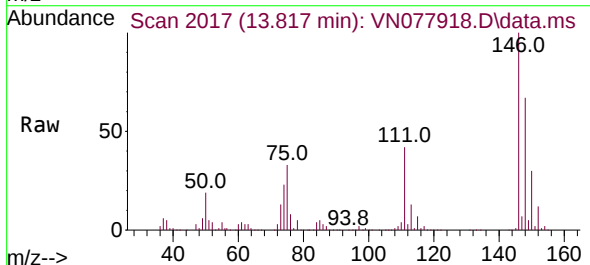
Tgt Ion:146 Resp: 544000
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.1 66.3
 148 63.5 32.0 96.0

Manual Integrations
 APPROVED

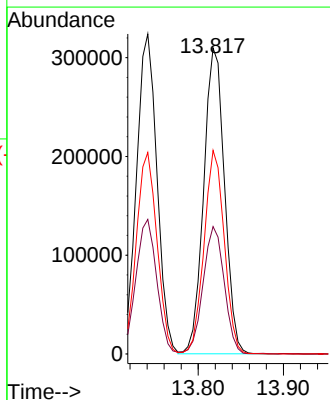
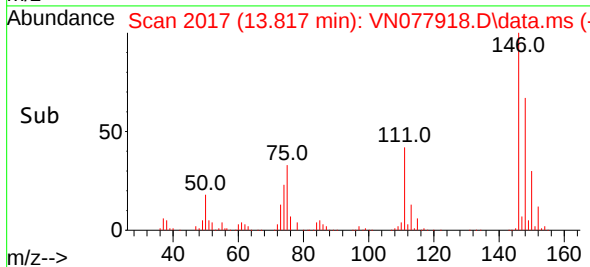
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023

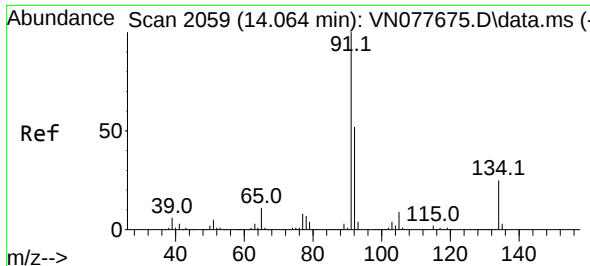


#88
 1,4-Dichlorobenzene
 Concen: 52.180 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN077918.D
 Acq: 26 May 2023 10:35



Tgt Ion:146 Resp: 525589
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.8
 148 64.8 31.6 94.8





#89

n-Butylbenzene

Concen: 50.970 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 93734

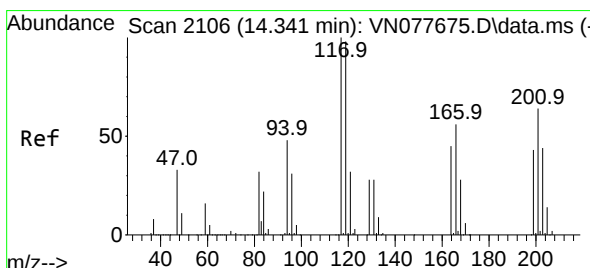
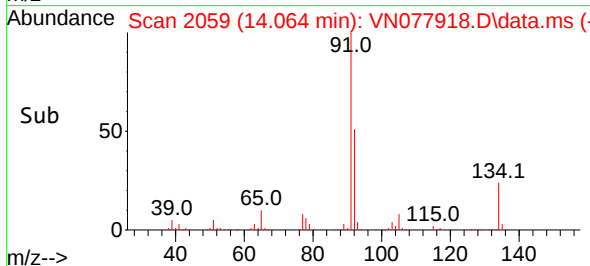
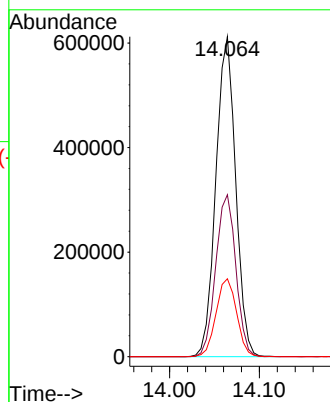
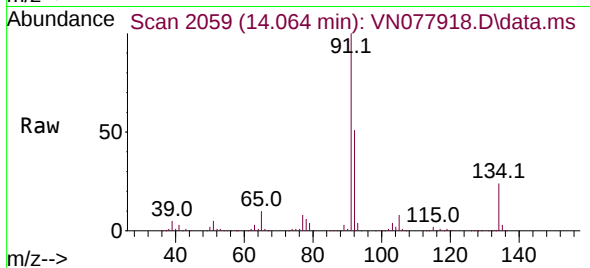
Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.4	79.0
134	25.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#90

Hexachloroethane

Concen: 57.292 ug/l

RT: 14.341 min Scan# 2106

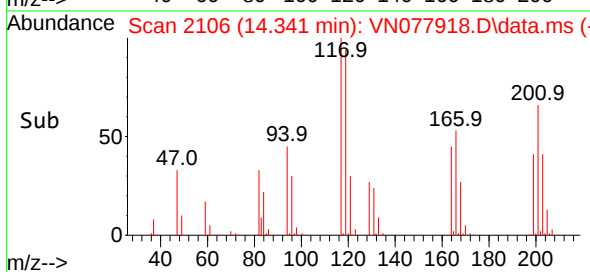
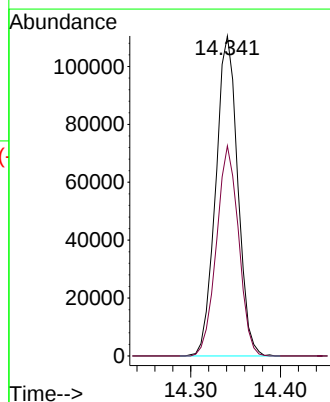
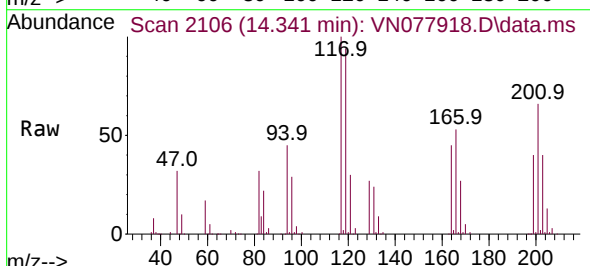
Delta R.T. -0.000 min

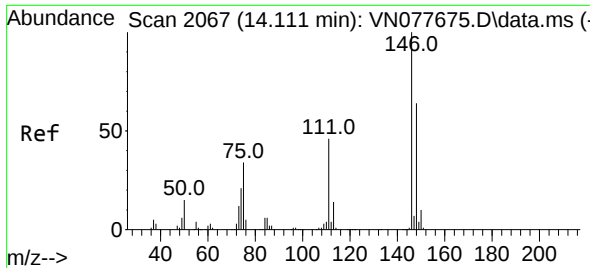
Lab File: VN077918.D

Acq: 26 May 2023 10:35

Tgt Ion:117 Resp: 188180

Ion	Ratio	Lower	Upper
117	100		
201	65.8	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 56.049 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

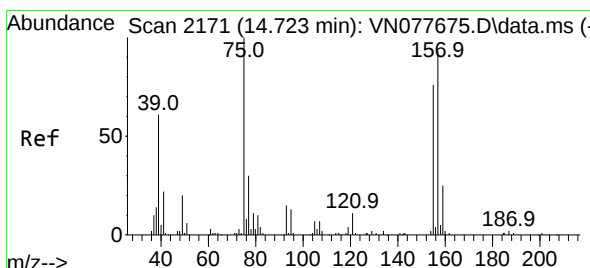
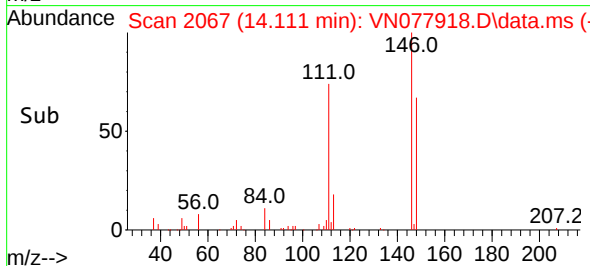
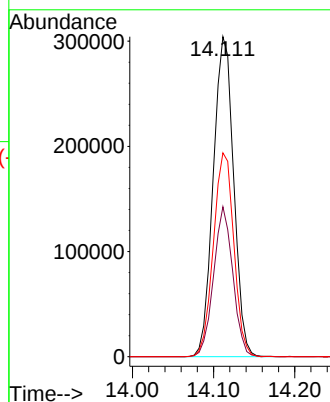
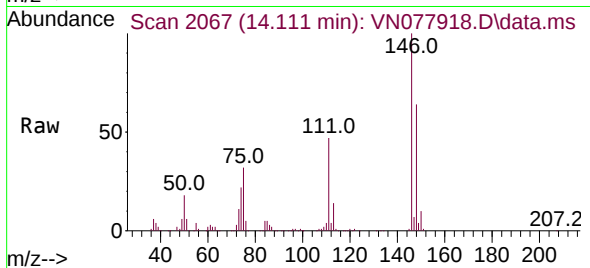
Tgt Ion:	146	Resp:	53149
Ion Ratio	Lower	Upper	
146	100		
111	44.1	22.0	66.0
148	63.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.178 ug/l

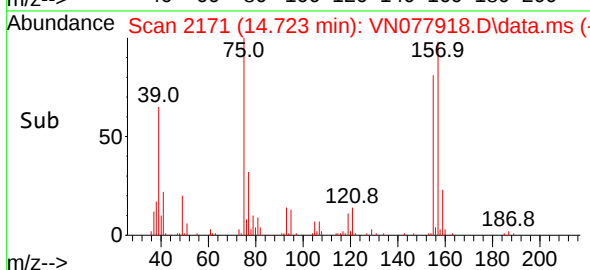
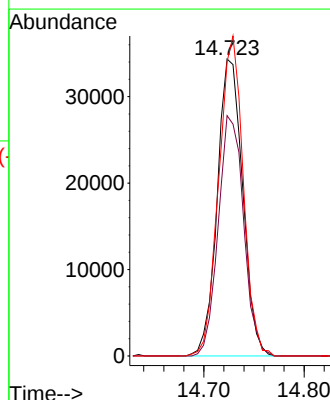
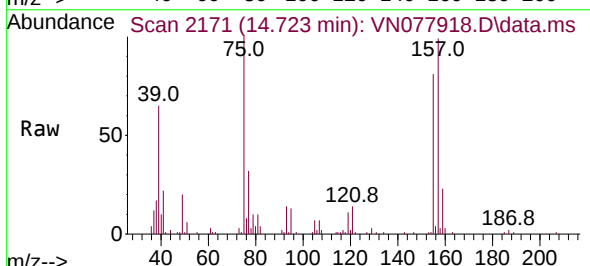
RT: 14.723 min Scan# 2171

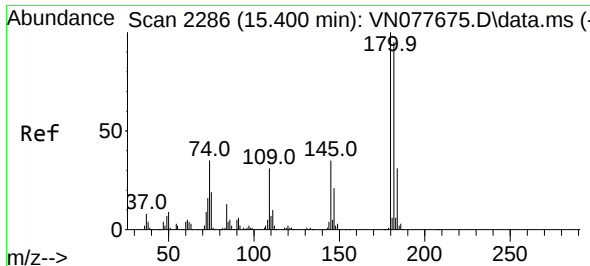
Delta R.T. 0.000 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

Tgt Ion:	75	Resp:	60419
Ion Ratio	Lower	Upper	
75	100		
155	80.6	39.1	117.2
157	103.5	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 42.572 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077918.D

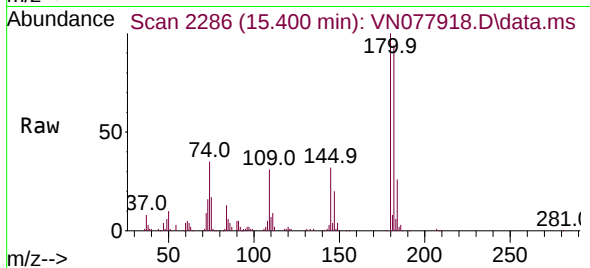
Acq: 26 May 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



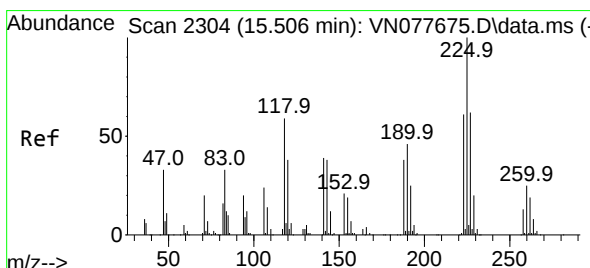
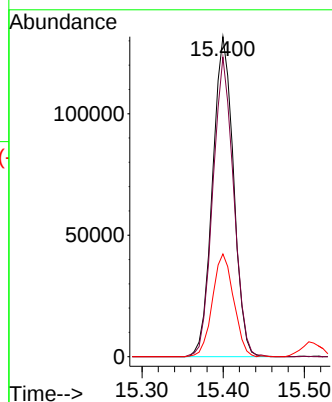
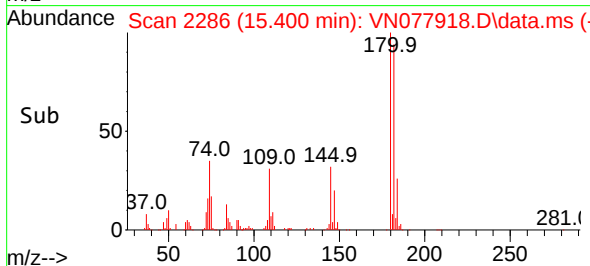
Tgt Ion:	180	Resp:	235909
Ion Ratio	Lower	Upper	
180	100		
182	92.7	46.1	138.2
145	32.6	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#94

Hexachlorobutadiene

Concen: 41.733 ug/l

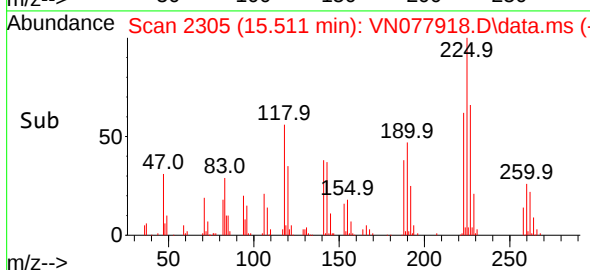
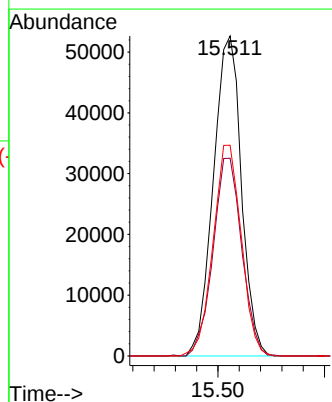
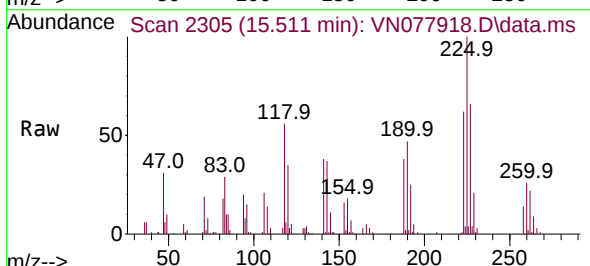
RT: 15.511 min Scan# 2305

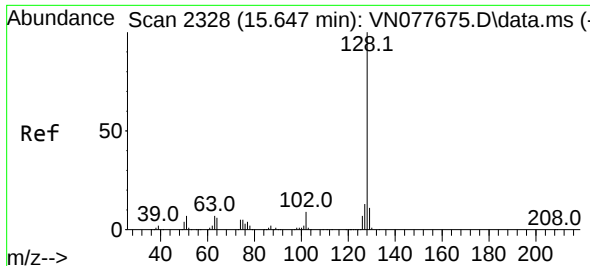
Delta R.T. 0.005 min

Lab File: VN077918.D

Acq: 26 May 2023 10:35

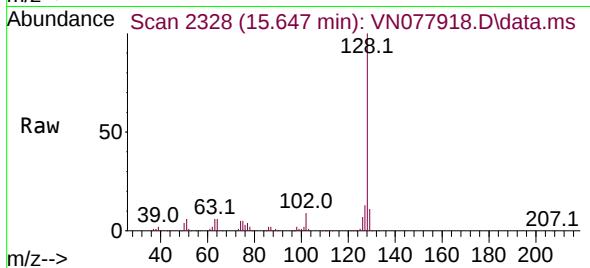
Tgt Ion:	225	Resp:	96019
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.3	93.8
227	66.3	31.9	95.9





#95
Naphthalene
Concen: 36.797 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

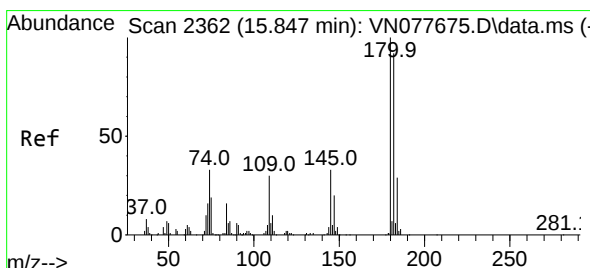
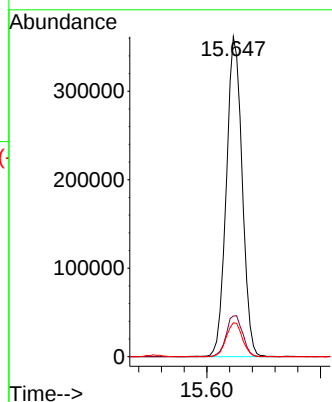
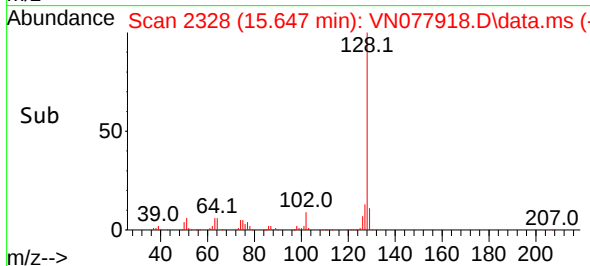
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 70186
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#96
1,2,3-Trichlorobenzene
Concen: 42.442 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077918.D
Acq: 26 May 2023 10:35

Tgt Ion:180 Resp: 230275
Ion Ratio Lower Upper
180 100
182 96.1 46.2 138.6
145 34.8 17.5 52.6

