

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076313.D
 Acq On : 19 Jan 2023 11:08
 Operator : JC\MD
 Sample : VN0119WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01

Quant Time: Jan 20 00:51:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	427427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	667826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	590475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	266104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226348	47.295	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.600%
35) Dibromofluoromethane	8.171	113	205365	49.159	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	10.571	98	763343	49.477	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.853	95	253383	50.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	76778	17.529	ug/l	98
3) Chloromethane	2.377	50	75619	16.674	ug/l	100
4) Vinyl Chloride	2.530	62	99458	17.886	ug/l	99
5) Bromomethane	2.959	94	88709	19.480	ug/l	98
6) Chloroethane	3.124	64	83225	19.959	ug/l	96
7) Trichlorofluoromethane	3.512	101	130117	17.008	ug/l	99
8) Diethyl Ether	3.977	74	44535	17.356	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.394	101	73142	16.889	ug/l	99
10) Methyl Iodide	4.606	142	109995	16.627	ug/l	99
11) Tert butyl alcohol	5.530	59	51067	79.775	ug/l	99
12) 1,1-Dichloroethene	4.359	96	69055	16.867	ug/l	98
13) Acrolein	4.195	56	75462	98.573	ug/l	98
14) Allyl chloride	5.036	41	78025	16.354	ug/l	99
15) Acrylonitrile	5.730	53	148820	81.696	ug/l	98
16) Acetone	4.442	43	132809	86.518	ug/l	98
17) Carbon Disulfide	4.730	76	155771	15.281	ug/l	99
18) Methyl Acetate	5.042	43	82711	15.908	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	231593	17.376	ug/l	96
20) Methylene Chloride	5.289	84	82536	17.793	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	73034	16.467	ug/l	94
22) Diisopropyl ether	6.683	45	193992	17.242	ug/l	98
23) Vinyl Acetate	6.618	43	600161	82.537	ug/l	99
24) 1,1-Dichloroethane	6.583	63	127643	17.020	ug/l	97
25) 2-Butanone	7.488	43	187060	79.832	ug/l	93
26) 2,2-Dichloropropane	7.494	77	109373	17.303	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	86253	16.674	ug/l	99
28) Bromochloromethane	7.818	49	51473	16.933	ug/l	100
29) Tetrahydrofuran	7.847	42	120644	83.423	ug/l	99
30) Chloroform	7.971	83	139941	16.864	ug/l	99
31) Cyclohexane	8.271	56	118367	16.100	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	132442	17.481	ug/l	90
36) 1,1-Dichloropropene	8.377	75	101569	17.110	ug/l	100
37) Ethyl Acetate	7.565	43	79246	16.668	ug/l	98
38) Carbon Tetrachloride	8.365	117	114338	17.272	ug/l	100
39) Methylcyclohexane	9.606	83	127429	17.579	ug/l	96
40) Benzene	8.612	78	308710	17.392	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	40858	16.389	ug/l	96
42) 1,2-Dichloroethane	8.677	62	104773	17.252	ug/l	100
43) Isopropyl Acetate	8.694	43	130297	16.822	ug/l	98
44) Trichloroethene	9.353	130	87966	17.522	ug/l	97
45) 1,2-Dichloropropane	9.624	63	71989	16.940	ug/l	98
46) Dibromomethane	9.712	93	55208	17.206	ug/l	98
47) Bromodichloromethane	9.888	83	106935	17.183	ug/l	97
48) Methyl methacrylate	9.682	41	59673	16.273	ug/l	98
49) 1,4-Dioxane	9.694	88	27654	357.401	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	392629	86.348	ug/l	99
52) Toluene	10.635	92	205942	17.350	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	106538	17.959	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	118099	17.304	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	78224	17.241	ug/l	98
56) Ethyl methacrylate	10.876	69	106311	18.149	ug/l	99
57) 1,3-Dichloropropane	11.165	76	129622	17.580	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	158710	80.259	ug/l	98
59) 2-Hexanone	11.200	43	282065	85.602	ug/l	99
60) Dibromochloromethane	11.359	129	87035	18.223	ug/l	98
61) 1,2-Dibromoethane	11.471	107	79458	17.545	ug/l	99
64) Tetrachloroethene	11.106	164	93876	17.629	ug/l	99
65) Chlorobenzene	11.894	112	219286	17.568	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	82451	17.754	ug/l	98
67) Ethyl Benzene	11.965	91	385837	18.061	ug/l	100
68) m/p-Xylenes	12.070	106	313965	36.652	ug/l	99
69) o-Xylene	12.400	106	153974	18.304	ug/l	99
70) Styrene	12.412	104	244002	18.166	ug/l	100
71) Bromoform	12.582	173	59828	17.839	ug/l #	98
73) Isopropylbenzene	12.700	105	397470	19.308	ug/l	99
74) N-amyl acetate	12.494	43	109166	18.436	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	105852	17.887	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	127693	25.884	ug/l	87
77) Bromobenzene	12.982	156	96204	19.648	ug/l	96
78) n-propylbenzene	13.035	91	439825	18.935	ug/l	100
79) 2-Chlorotoluene	13.129	91	264593	18.563	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	335455	19.451	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27453	17.165	ug/l	95
82) 4-Chlorotoluene	13.129	91	264593	18.563	ug/l	99
83) tert-Butylbenzene	13.441	119	305897	19.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	328962	19.023	ug/l	100
85) sec-Butylbenzene	13.617	105	407832	19.161	ug/l	99
86) p-Isopropyltoluene	13.735	119	341115	19.490	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	167019	17.214	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	168399	18.309	ug/l	98
89) n-Butylbenzene	14.059	91	254322	18.305	ug/l	100
90) Hexachloroethane	14.335	117	55940	18.519	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	167258	17.307	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15985	15.539	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	72509	16.428	ug/l	98
94) Hexachlorobutadiene	15.506	225	41449	16.163	ug/l	96
95) Naphthalene	15.641	128	204540	16.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	70151	16.551	ug/l	99

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QLast Update : Tue Jan 17 03:59:22 2023
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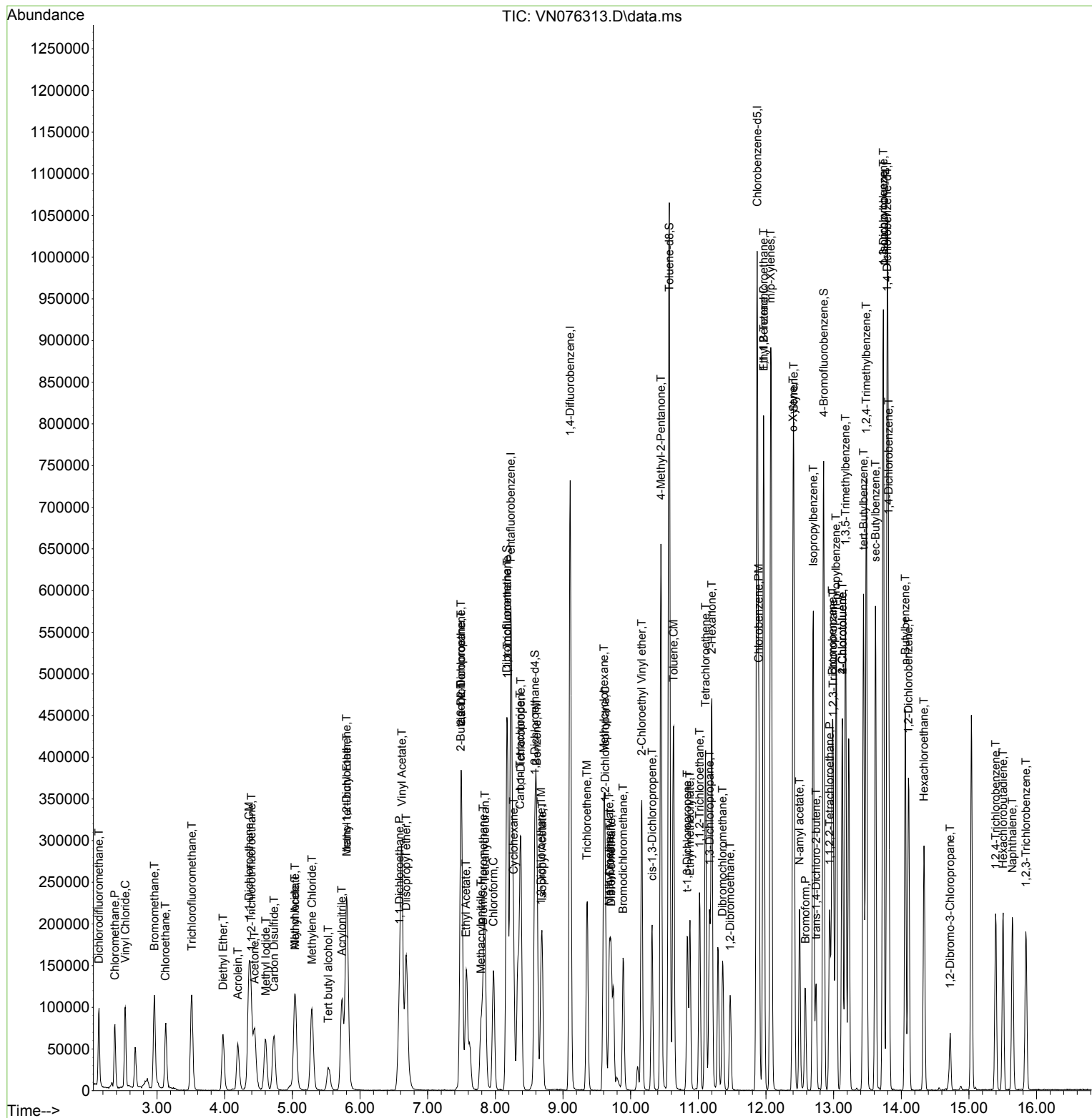
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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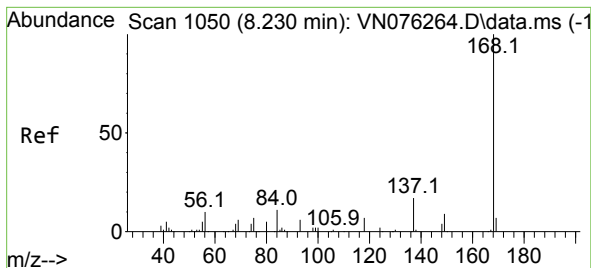
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076313.D

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Instrument :

MSVOA_N

ClientSampleId :

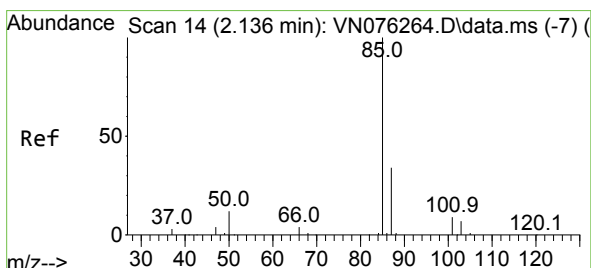
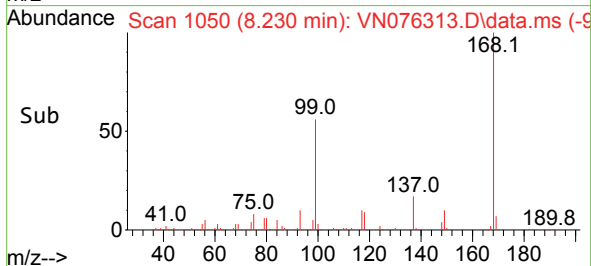
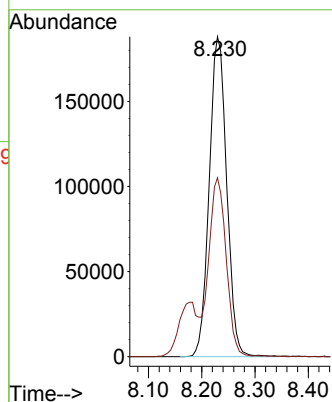
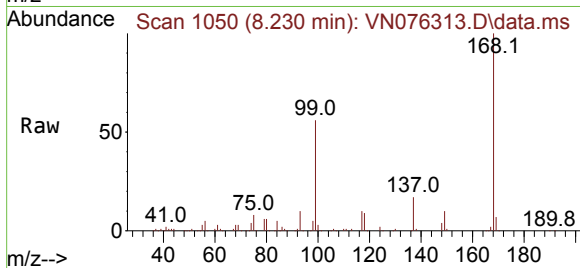
VN0119WBS01

Tgt Ion:168 Resp: 427427

Ion Ratio Lower Upper

168 100

99 55.8 41.6 62.4



#2

Dichlorodifluoromethane

Concen: 17.529 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076313.D

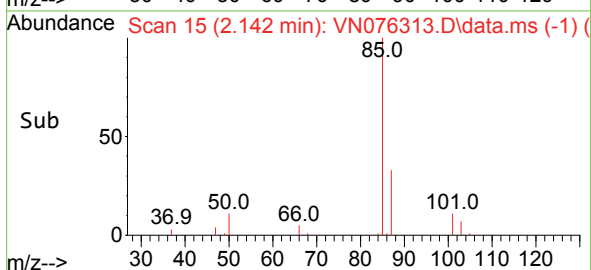
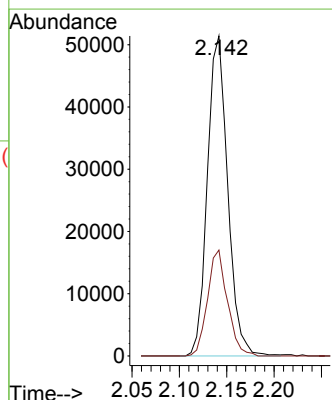
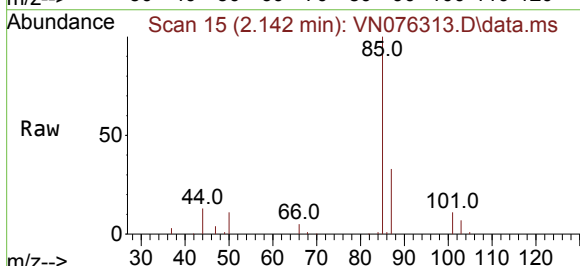
Acq: 19 Jan 2023 11:08

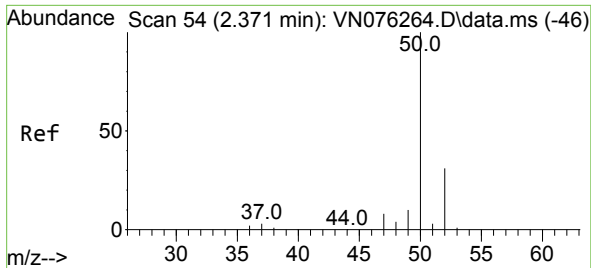
Tgt Ion: 85 Resp: 76778

Ion Ratio Lower Upper

85 100

87 33.1 17.1 51.2

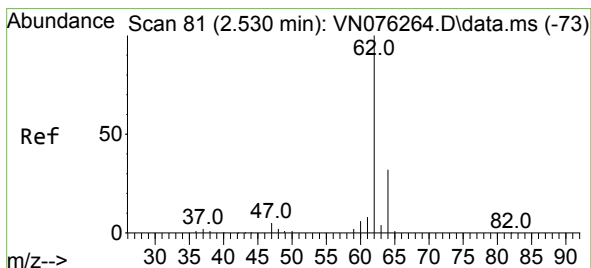
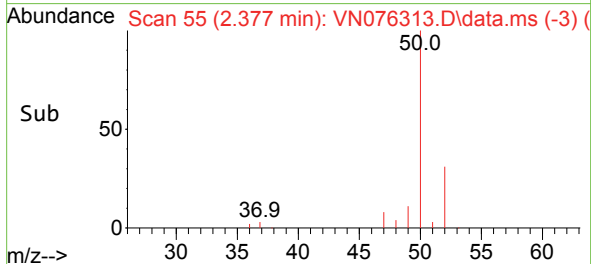
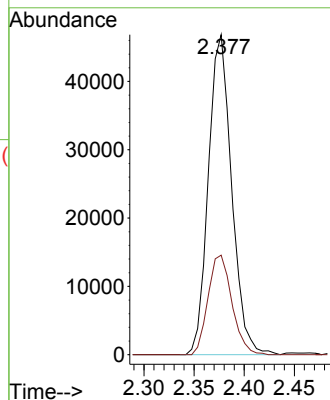
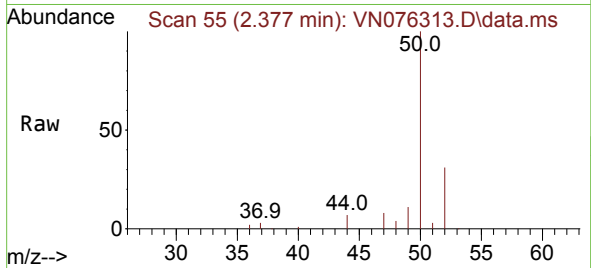




#3
Chloromethane
Concen: 16.674 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

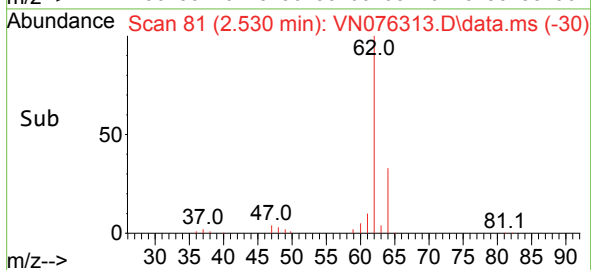
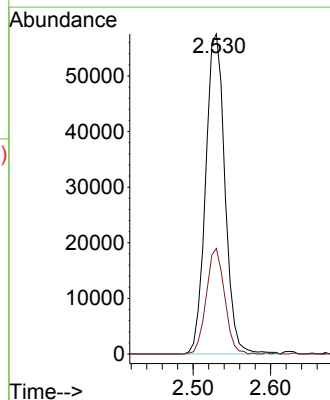
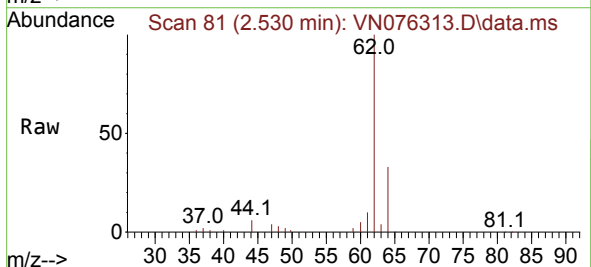
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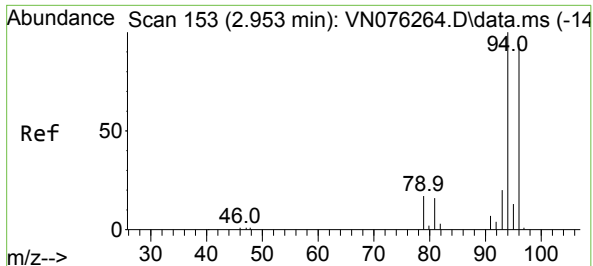
Tgt Ion: 50 Resp: 75619
Ion Ratio Lower Upper
50 100
52 31.1 24.8 37.2



#4
Vinyl Chloride
Concen: 17.886 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076313.D
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Tgt Ion: 62 Resp: 99458
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.6

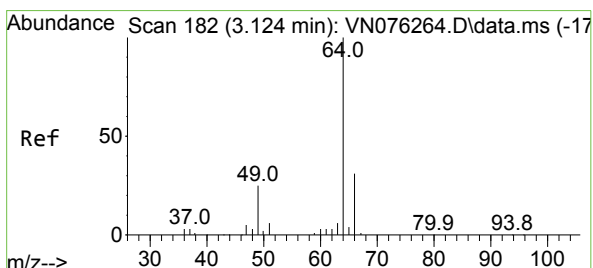
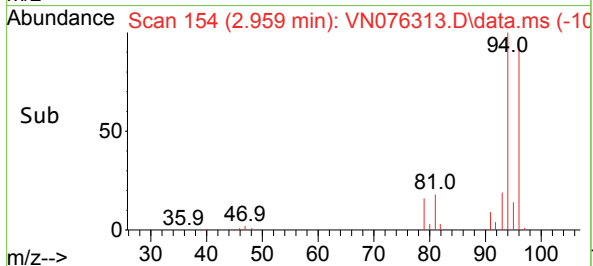
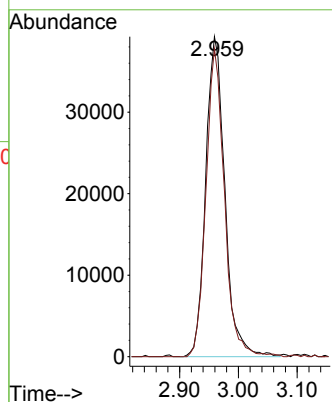
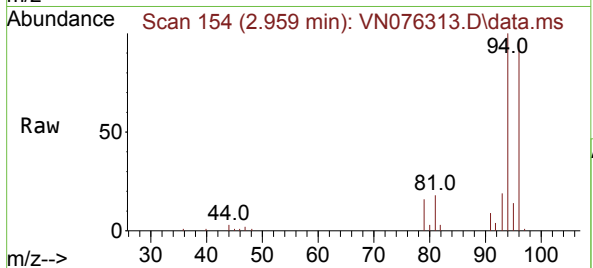




#5
Bromomethane
Concen: 19.480 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.006 min
Lab File: VN076313.D
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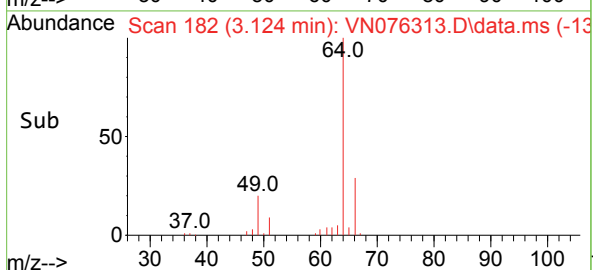
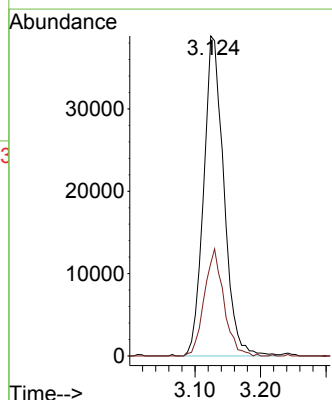
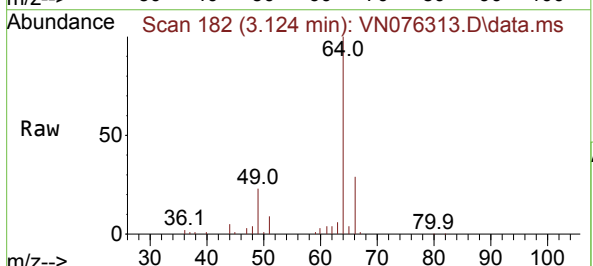
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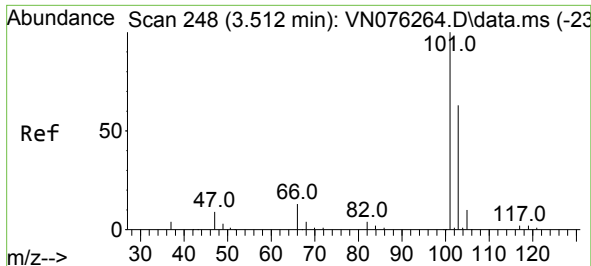
Tgt Ion: 94 Resp: 88709
Ion Ratio Lower Upper
94 100
96 96.3 75.1 112.7



#6
Chloroethane
Concen: 19.959 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 64 Resp: 83225
Ion Ratio Lower Upper
64 100
66 28.9 24.8 37.2

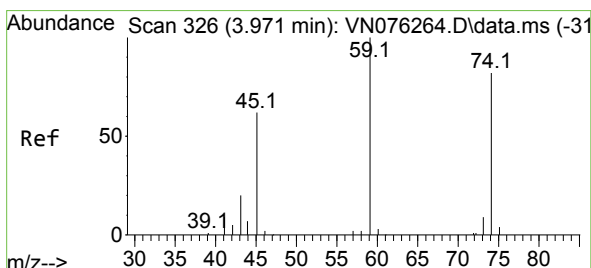
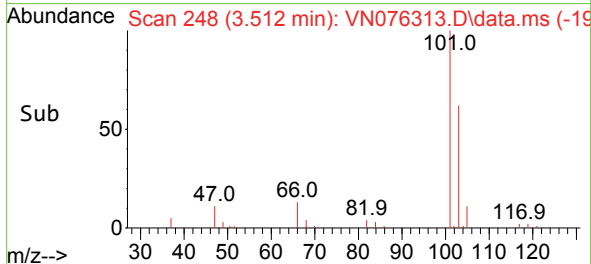
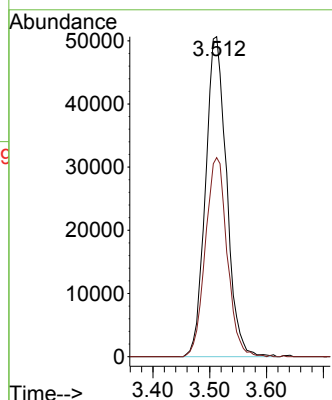
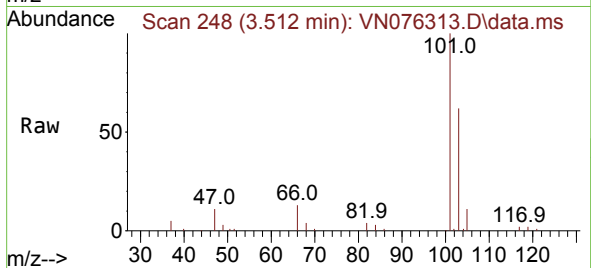




#7
Trichlorofluoromethane
Concen: 17.008 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

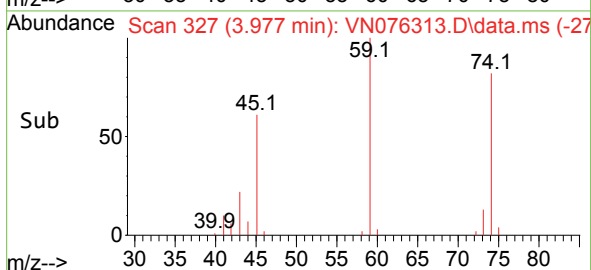
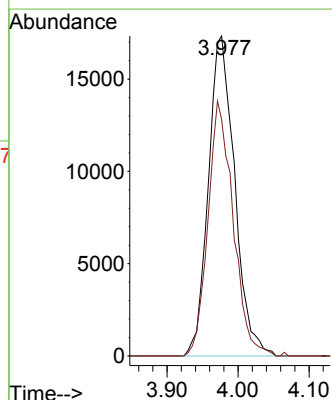
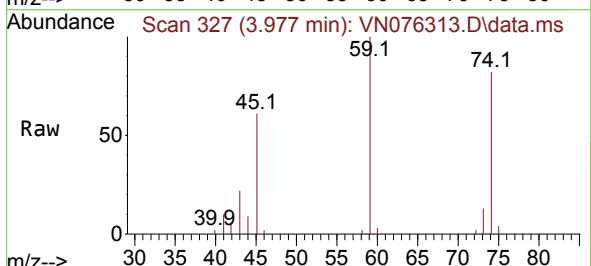
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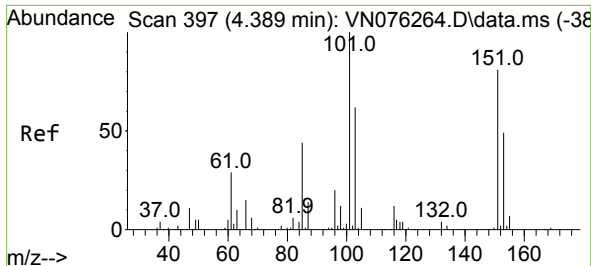
Tgt Ion:101 Resp: 130117
Ion Ratio Lower Upper
101 100
103 62.2 50.2 75.4



#8
Diethyl Ether
Concen: 17.356 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 74 Resp: 44535
Ion Ratio Lower Upper
74 100
45 76.3 37.8 113.3

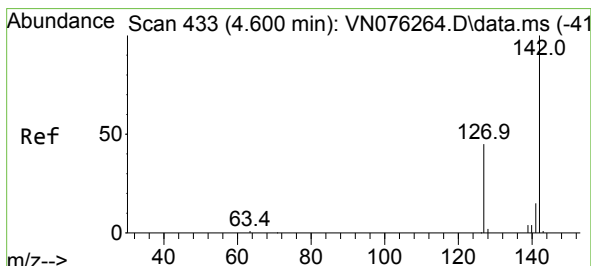
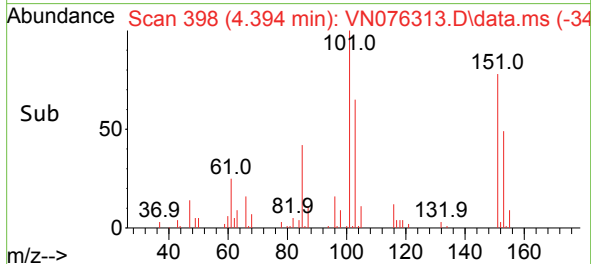
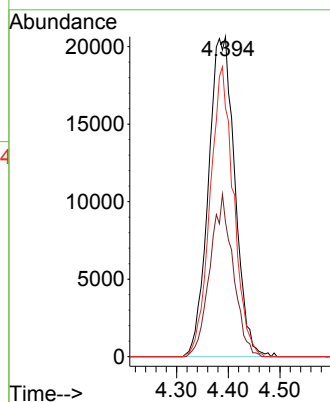
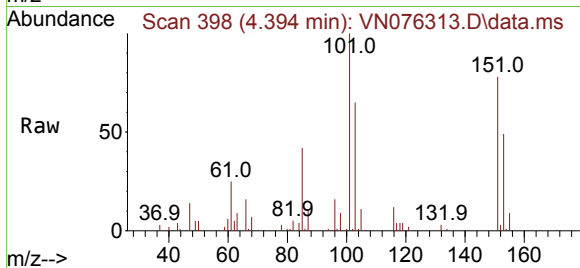




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.889 ug/l
RT: 4.394 min Scan# 397
Delta R.T. 0.005 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

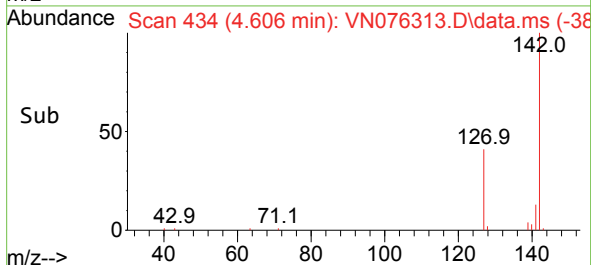
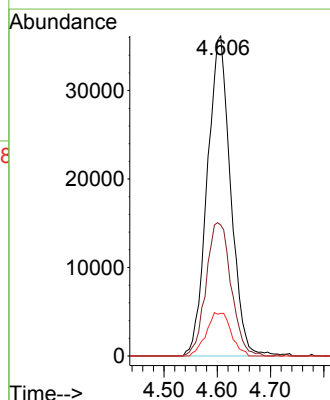
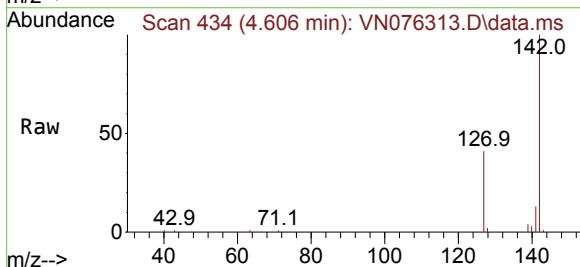
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

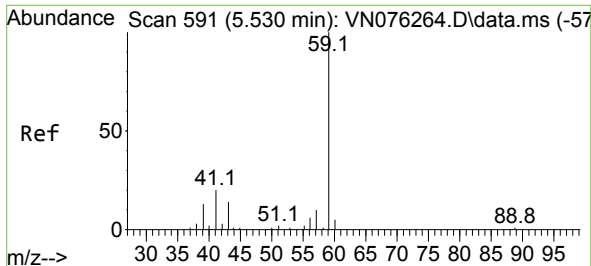
Tgt Ion:101 Resp: 73142
Ion Ratio Lower Upper
101 100
85 44.5 35.5 53.3
151 80.8 65.5 98.3



#10
Methyl Iodide
Concen: 16.627 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion:142 Resp: 109995
Ion Ratio Lower Upper
142 100
127 44.7 35.0 52.4
141 14.3 11.5 17.3

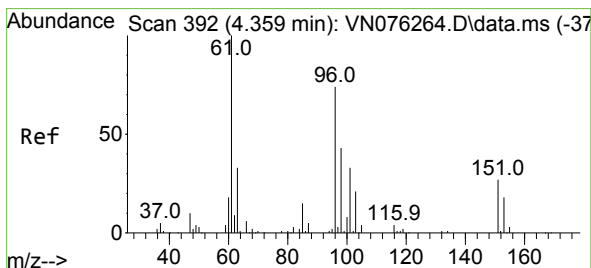
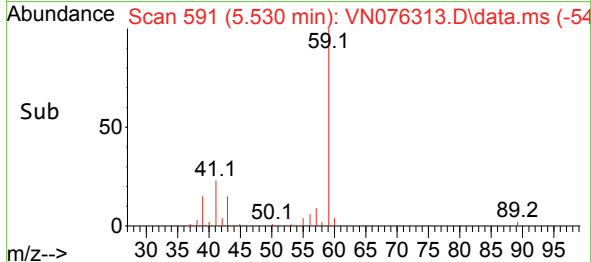
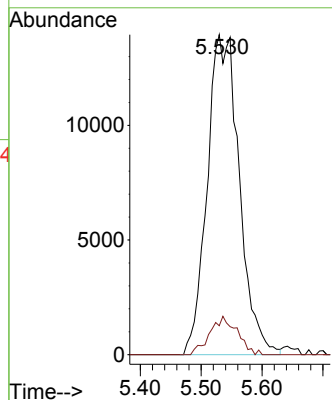
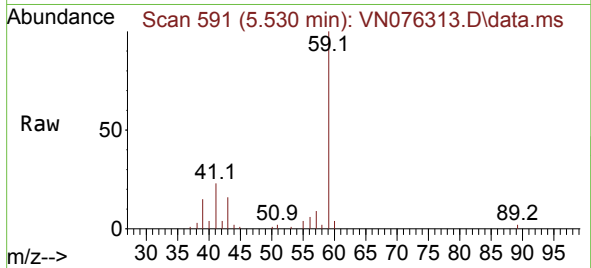




#11
Tert butyl alcohol
Concen: 79.775 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

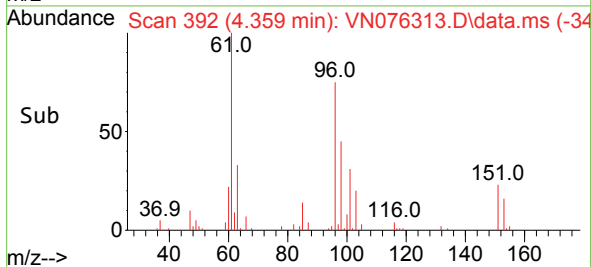
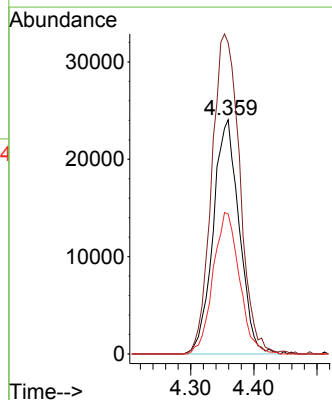
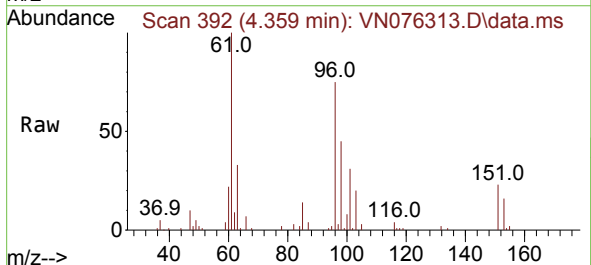
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

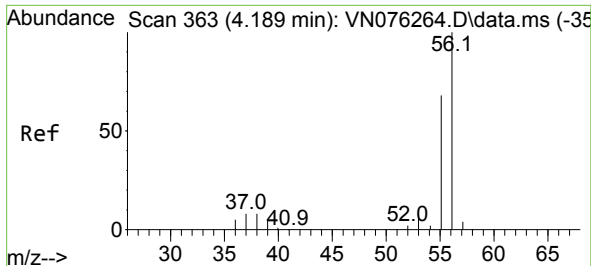
Tgt Ion: 59 Resp: 51067
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#12
1,1-Dichloroethene
Concen: 16.867 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 96 Resp: 69055
Ion Ratio Lower Upper
96 100
61 132.8 108.2 162.4
98 59.7 47.0 70.6

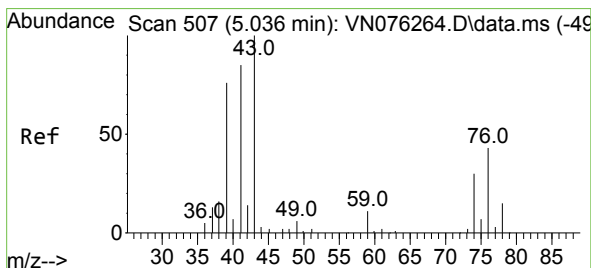
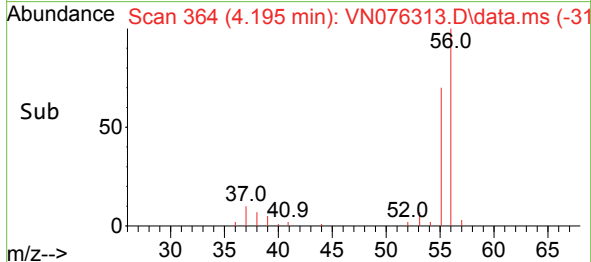
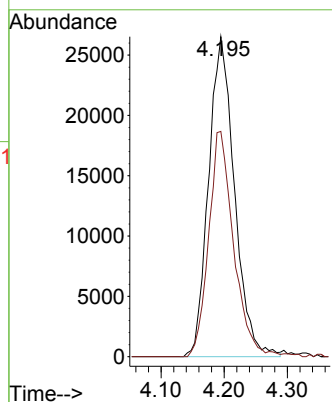
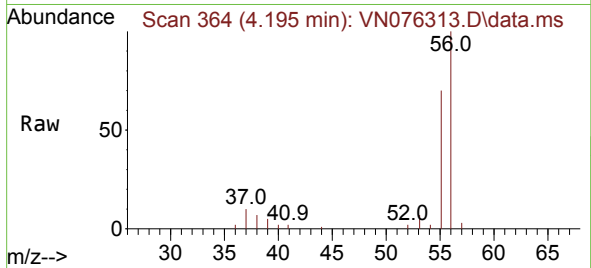




#13
Acrolein
Concen: 98.573 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

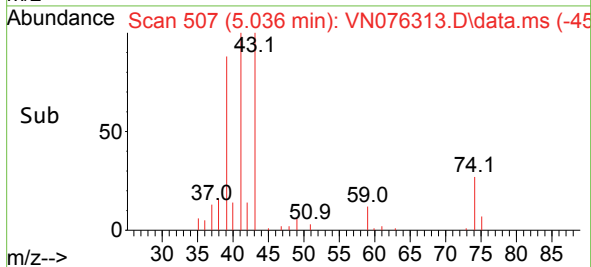
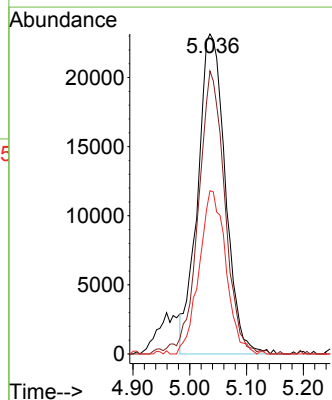
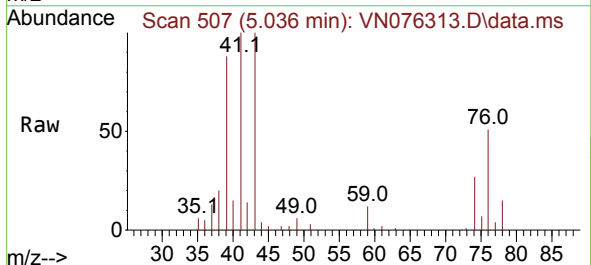
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

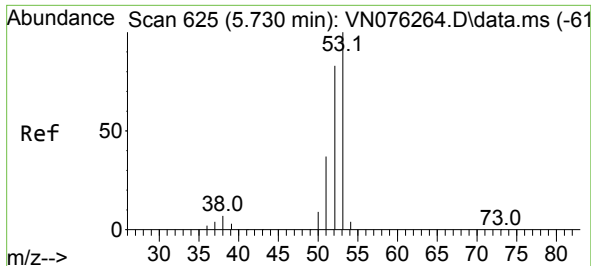
Tgt Ion: 56 Resp: 75462
Ion Ratio Lower Upper
56 100
55 68.2 55.8 83.6



#14
Allyl chloride
Concen: 16.354 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

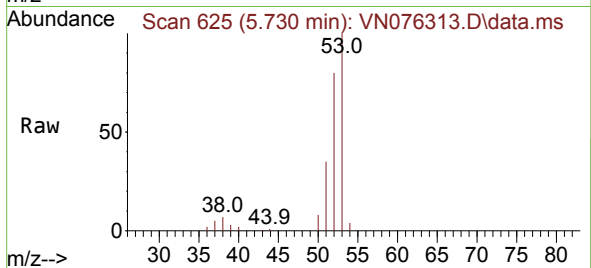
Tgt Ion: 41 Resp: 78025
Ion Ratio Lower Upper
41 100
39 85.2 67.4 101.0
76 49.3 39.8 59.8



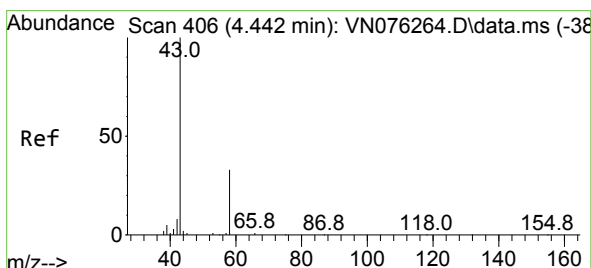
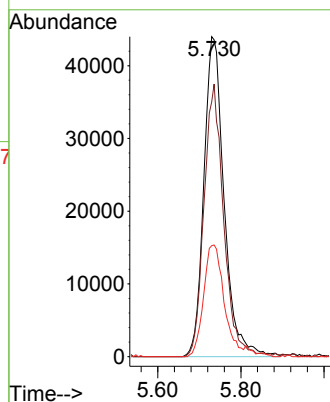
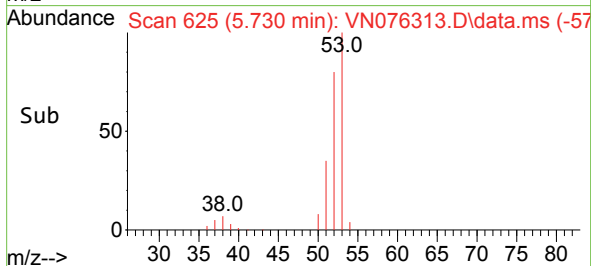


#15
Acrylonitrile
Concen: 81.696 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

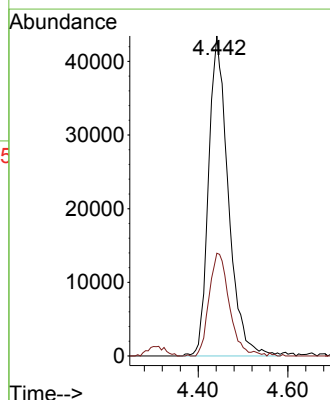
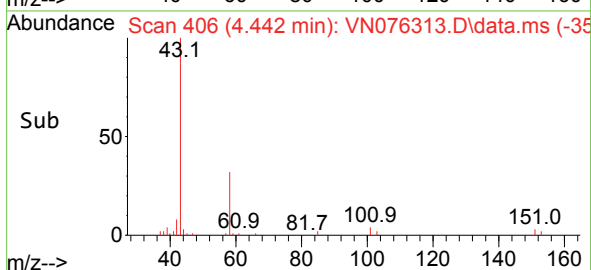
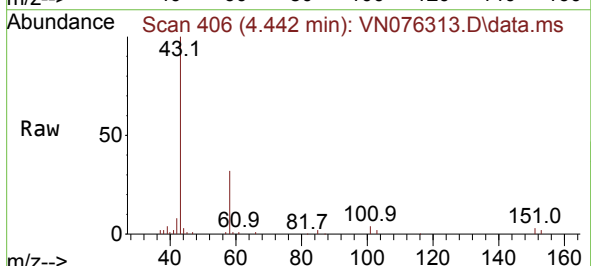


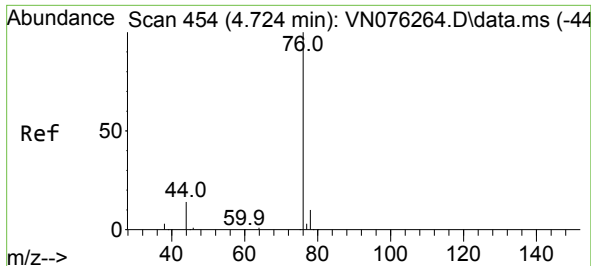
Tgt Ion: 53 Resp: 148820
Ion Ratio Lower Upper
53 100
52 82.7 64.7 97.1
51 35.3 29.2 43.8



#16
Acetone
Concen: 86.518 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 43 Resp: 132809
Ion Ratio Lower Upper
43 100
58 32.1 26.7 40.1

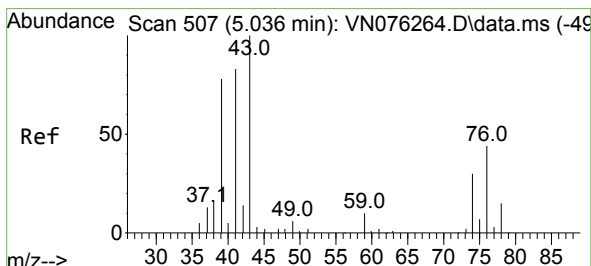
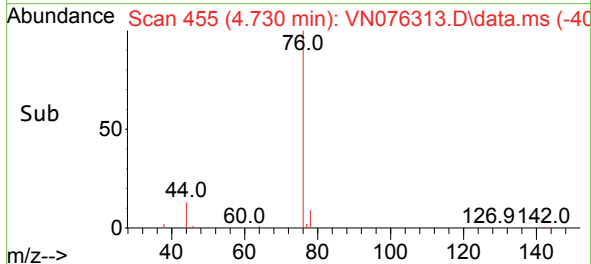
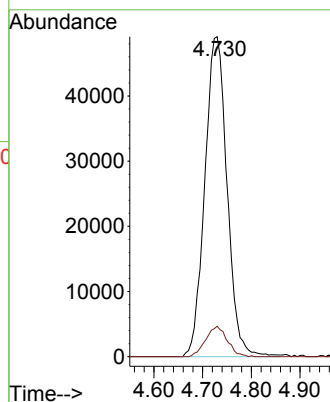
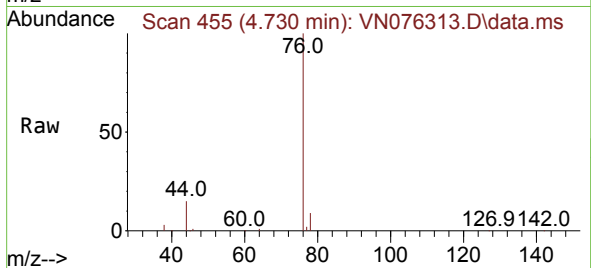




#17
Carbon Disulfide
Concen: 15.281 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

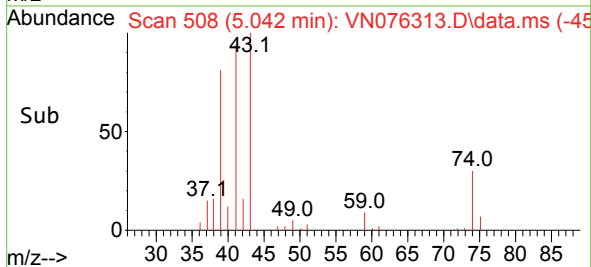
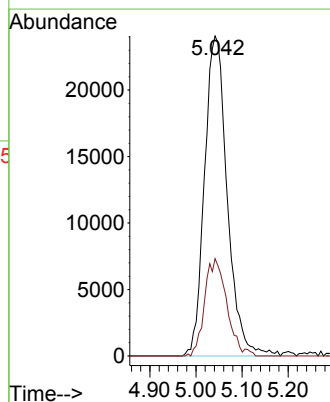
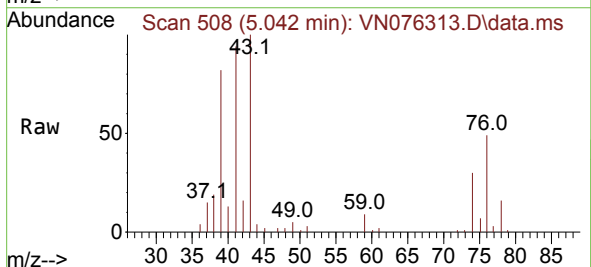
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

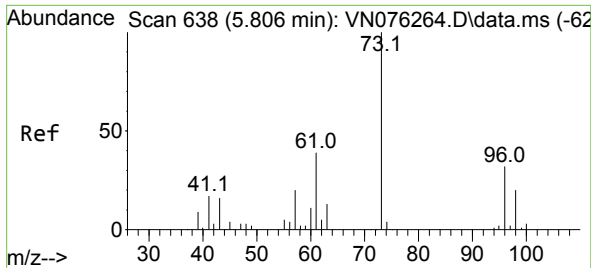
Tgt Ion: 76 Resp: 155771
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0



#18
Methyl Acetate
Concen: 15.908 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 43 Resp: 82711
Ion Ratio Lower Upper
43 100
74 29.7 23.3 34.9

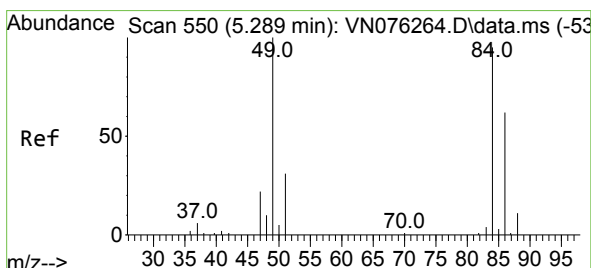
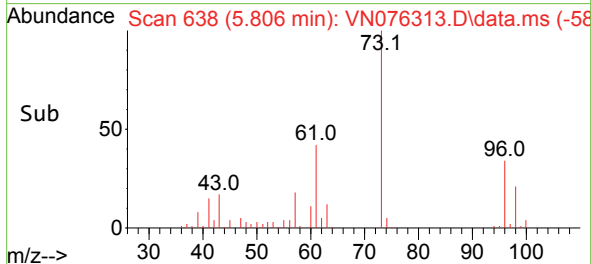
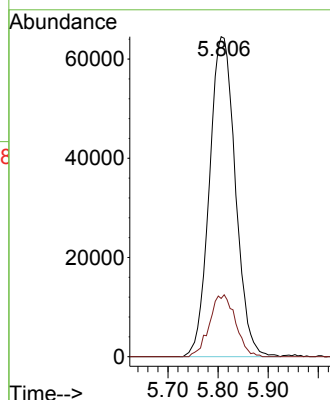
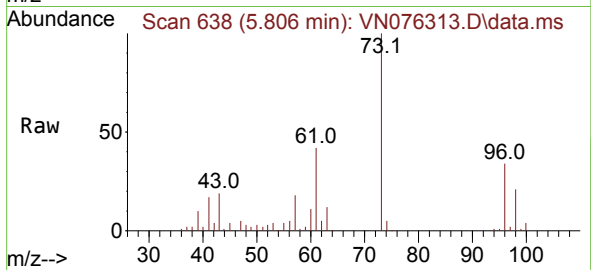




#19
Methyl tert-butyl Ether
Concen: 17.376 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

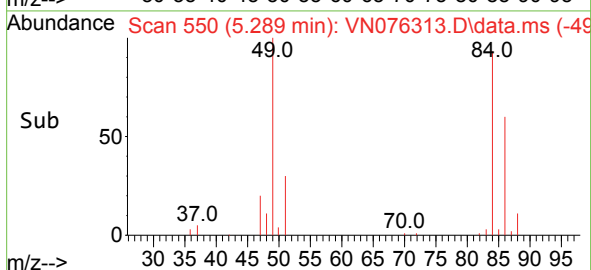
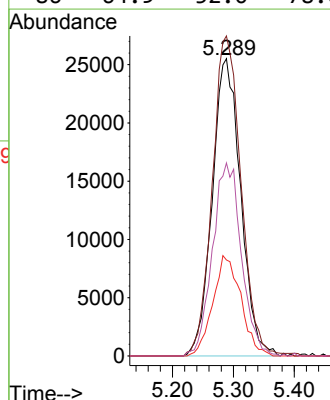
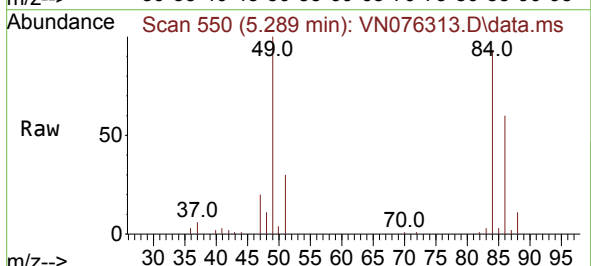
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

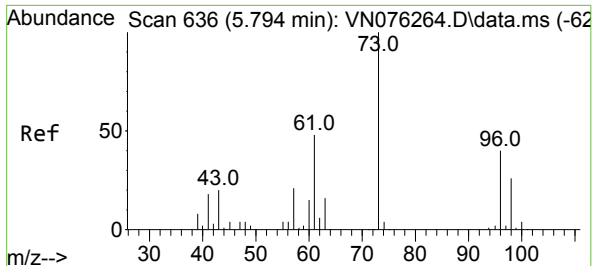
Tgt Ion: 73 Resp: 231593
Ion Ratio Lower Upper
73 100
57 18.2 15.9 23.9



#20
Methylene Chloride
Concen: 17.793 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 84 Resp: 82536
Ion Ratio Lower Upper
84 100
49 107.7 84.5 126.7
51 32.3 26.0 39.0
86 64.9 52.0 78.0

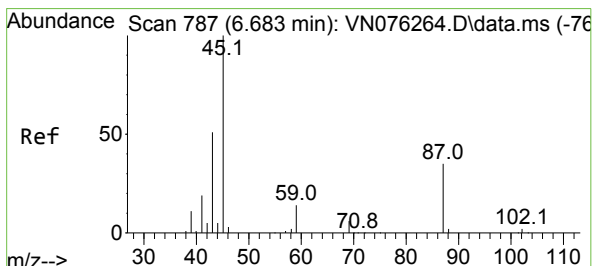
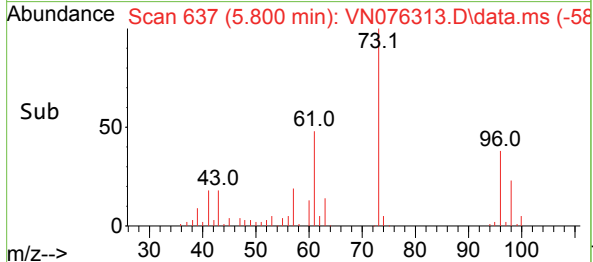
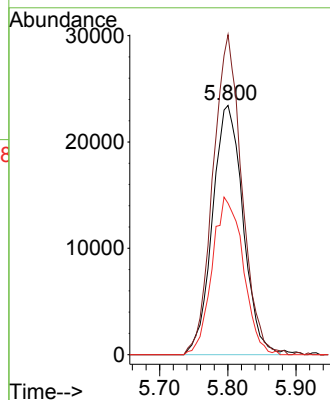
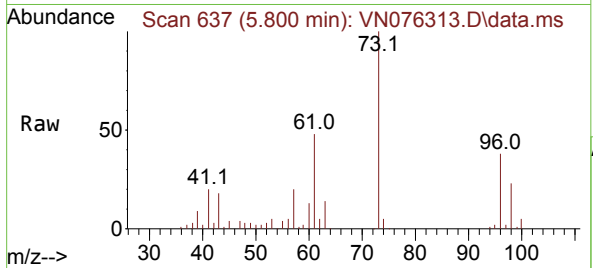




#21
trans-1,2-Dichloroethene
Concen: 16.467 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

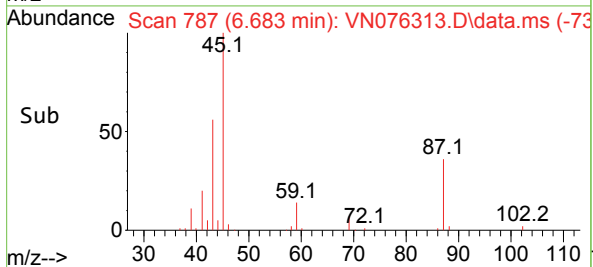
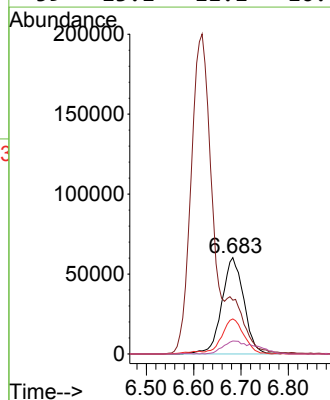
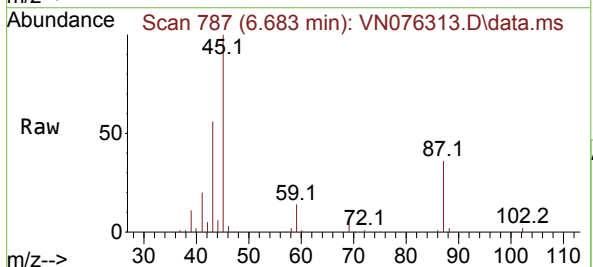
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

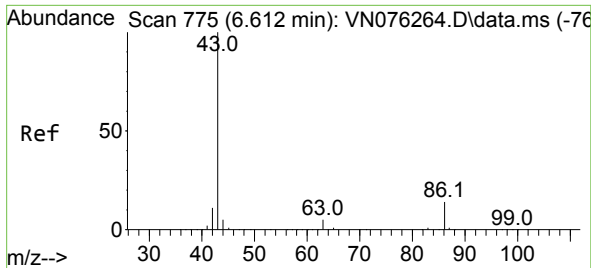
Tgt Ion: 96 Resp: 73034
Ion Ratio Lower Upper
96 100
61 128.4 97.0 145.4
98 60.7 51.9 77.9



#22
Diisopropyl ether
Concen: 17.242 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 45 Resp: 193992
Ion Ratio Lower Upper
45 100
43 54.3 44.4 66.6
87 36.3 28.4 42.6
59 13.1 11.1 16.7

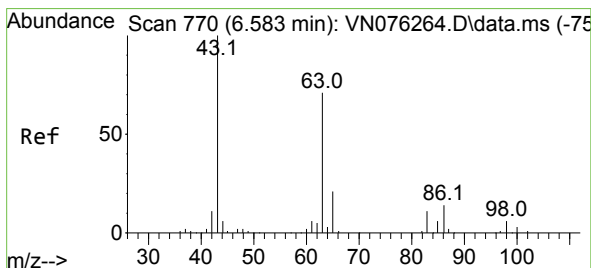
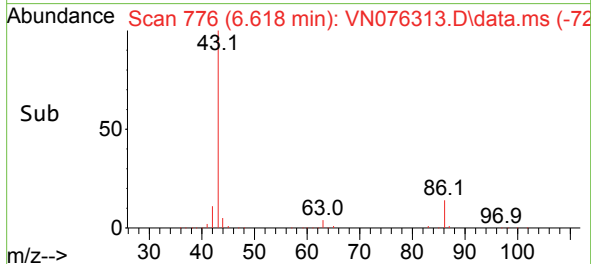
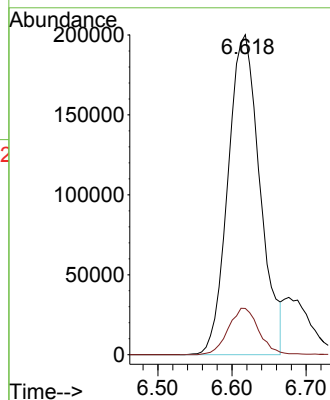
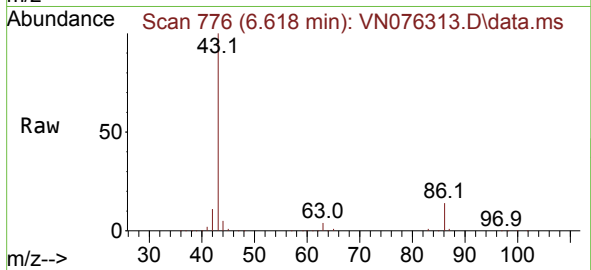




#23
 Vinyl Acetate
 Concen: 82.537 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN076313.D
 Acq: 19 Jan 2023 11:08

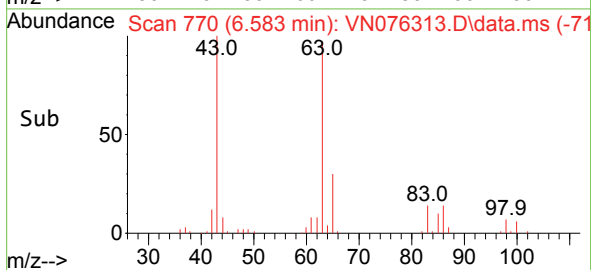
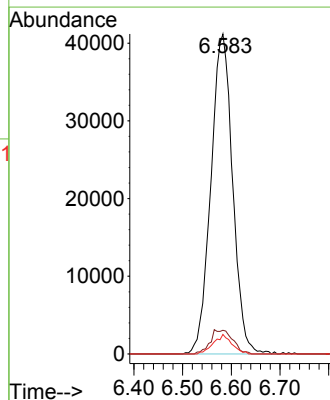
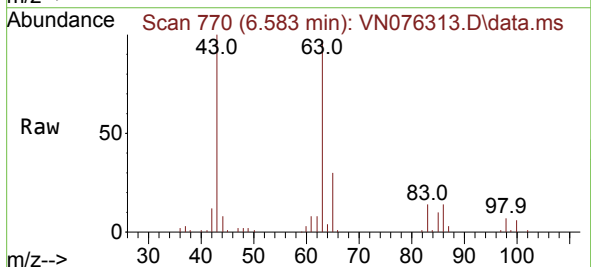
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01

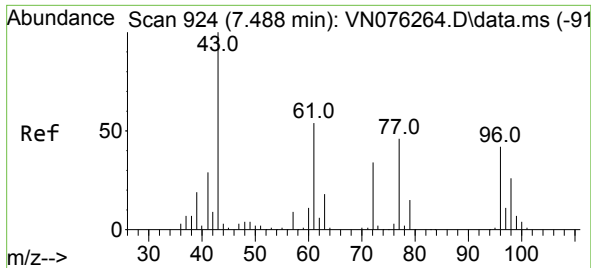
Tgt Ion: 43 Resp: 600161
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 17.020 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076313.D
 Acq: 19 Jan 2023 11:08

Tgt Ion: 63 Resp: 127643
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 6.1 2.2 6.6

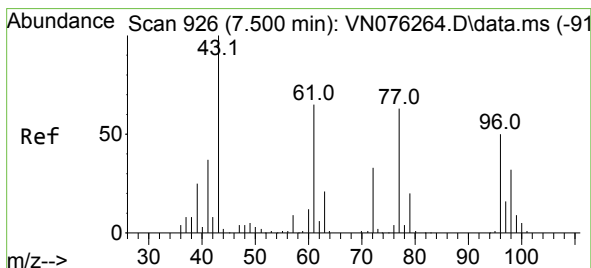
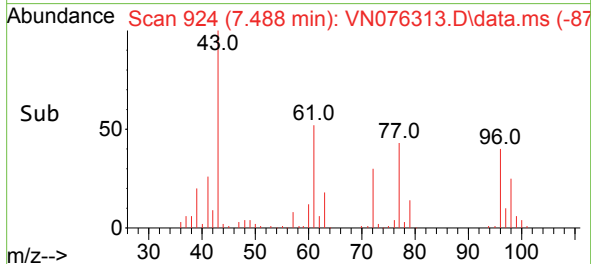
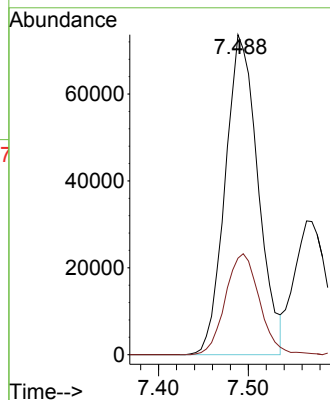
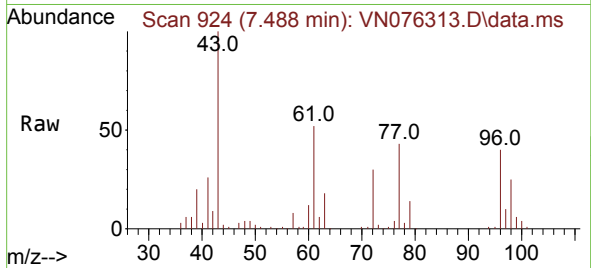




#25
2-Butanone
Concen: 79.832 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

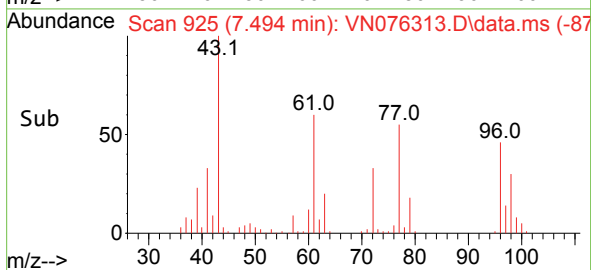
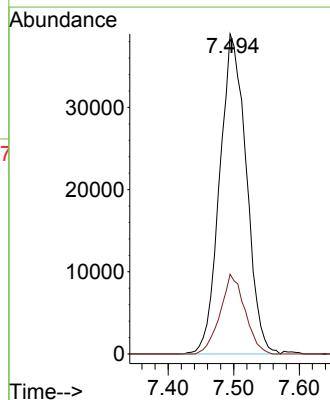
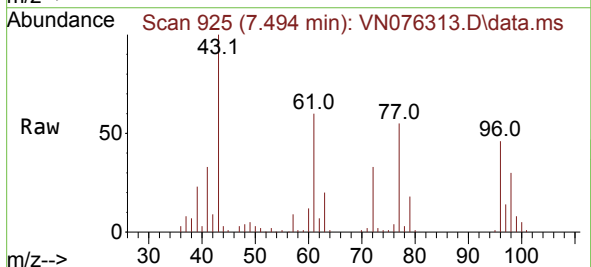
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

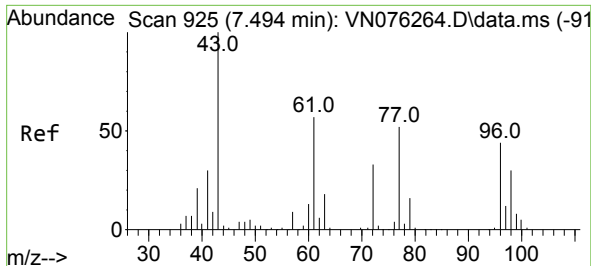
Tgt Ion: 43 Resp: 187060
Ion Ratio Lower Upper
43 100
72 30.2 27.4 41.2



#26
2,2-Dichloropropane
Concen: 17.303 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 77 Resp: 109373
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 16.674 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01

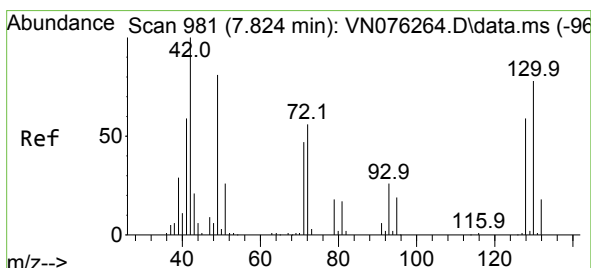
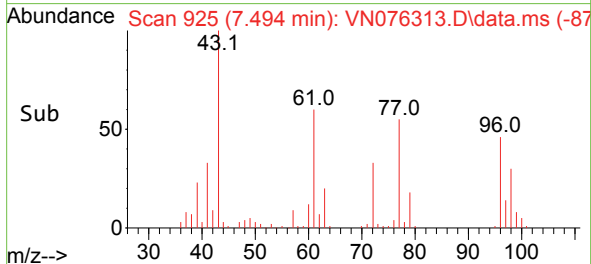
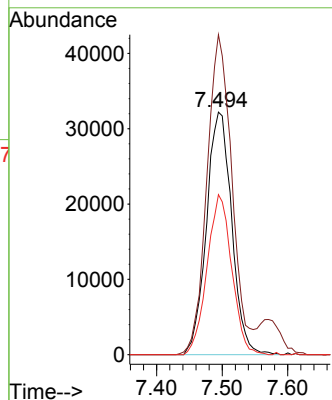
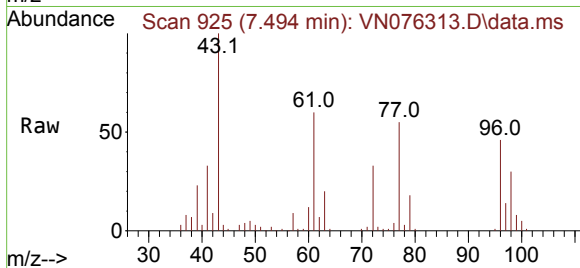
Tgt Ion: 96 Resp: 86253

Ion Ratio Lower Upper

96 100

61 130.6 0.0 259.6

98 64.3 0.0 129.4



#28

Bromochloromethane

Concen: 16.933 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

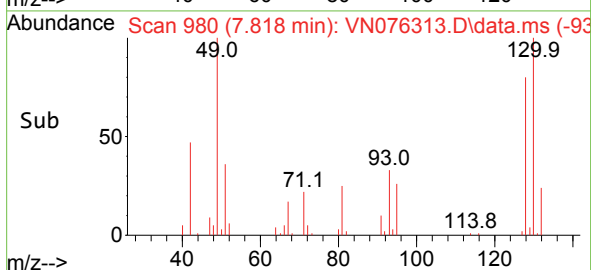
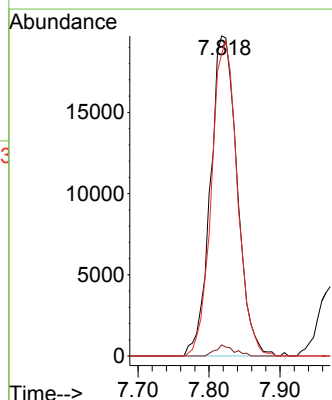
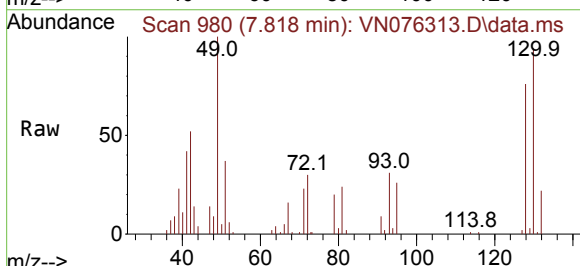
Tgt Ion: 49 Resp: 51473

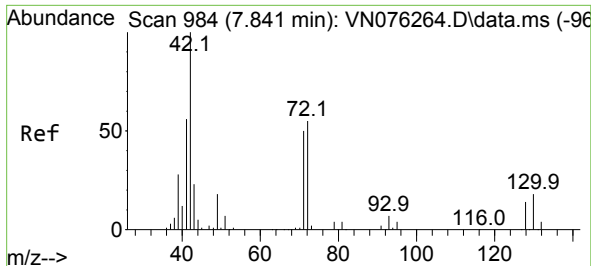
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.2

130 95.1 76.0 114.0

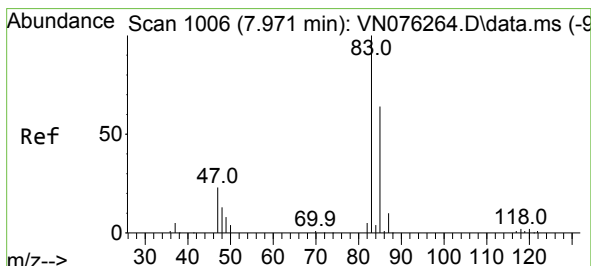
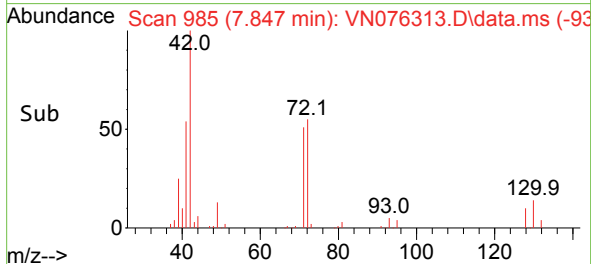
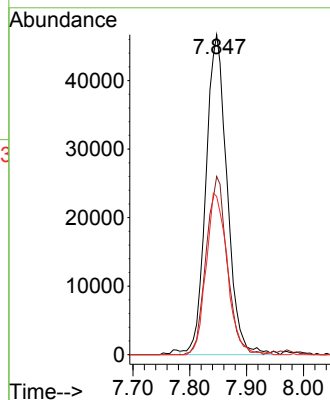
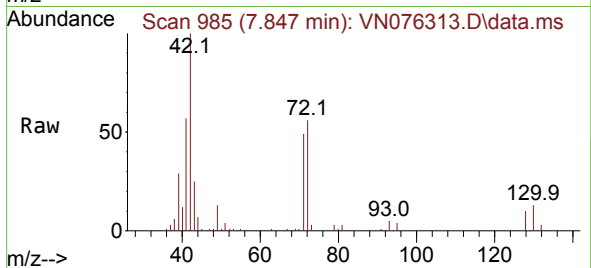




#29
Tetrahydrofuran
Concen: 83.423 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

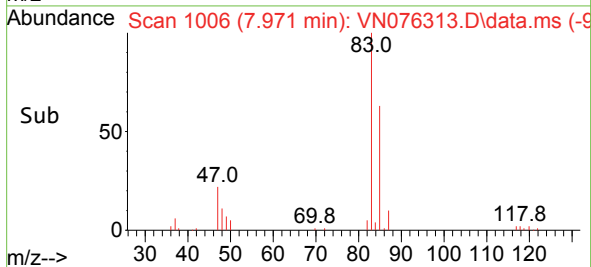
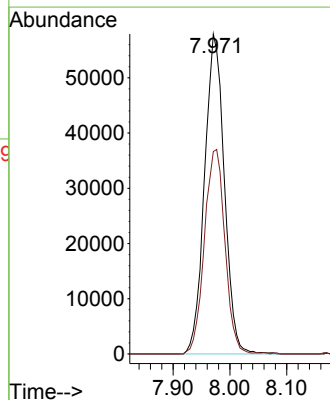
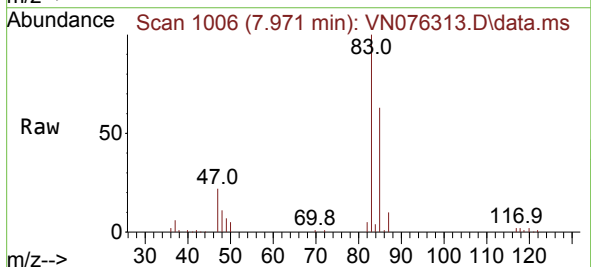
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

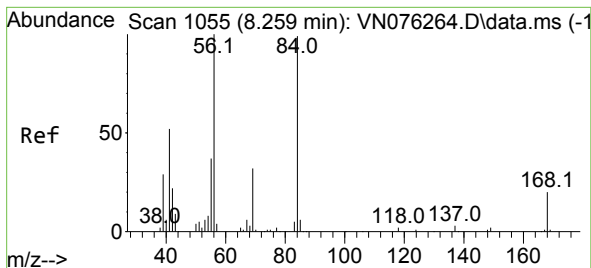
Tgt Ion: 42 Resp: 120644
Ion Ratio Lower Upper
42 100
72 55.2 44.0 66.0
71 50.7 41.1 61.7



#30
Chloroform
Concen: 16.864 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 83 Resp: 139941
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.6





#31

Cyclohexane

Concen: 16.100 ug/l

RT: 8.271 min Scan# 1055

Delta R.T. 0.012 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01

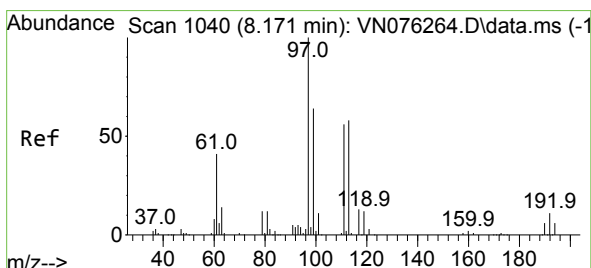
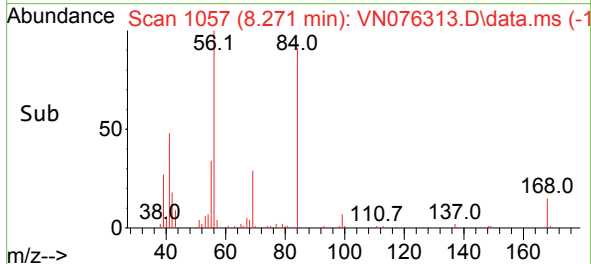
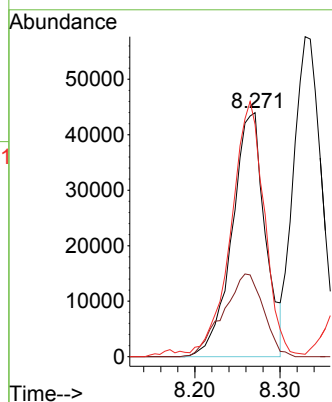
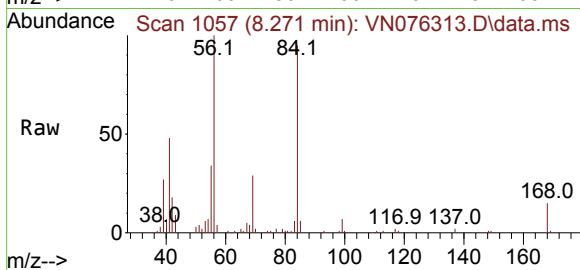
Tgt Ion: 56 Resp: 118367

Ion Ratio Lower Upper

56 100

69 28.7 25.8 38.8

84 92.9 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 17.481 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

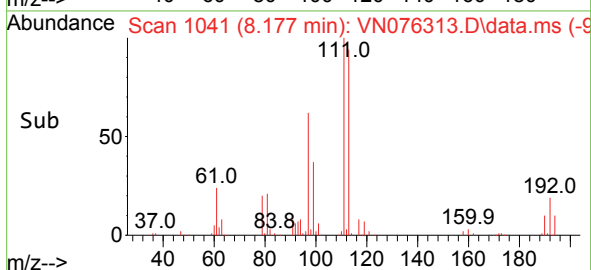
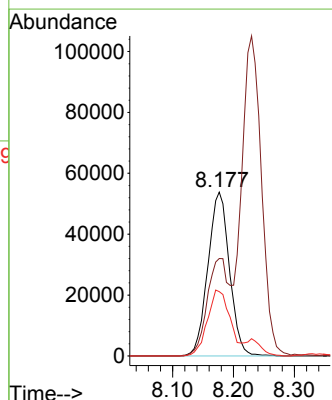
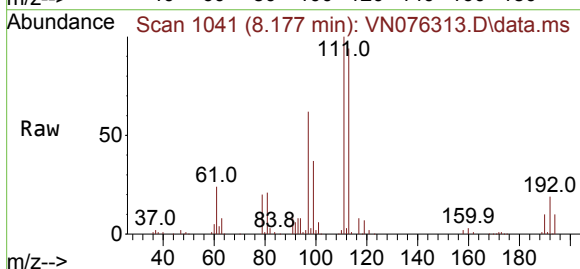
Tgt Ion: 97 Resp: 132442

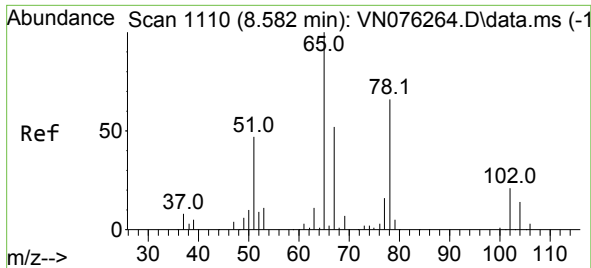
Ion Ratio Lower Upper

97 100

99 58.4 55.0 82.4

61 42.0 36.2 54.4

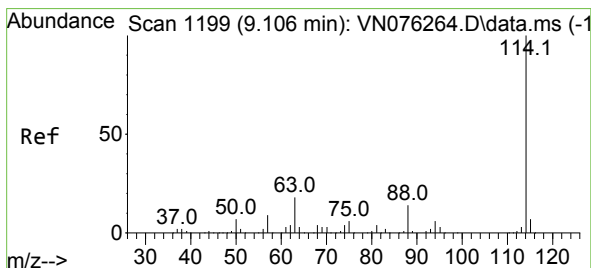
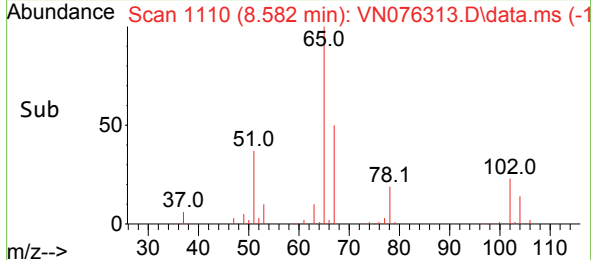
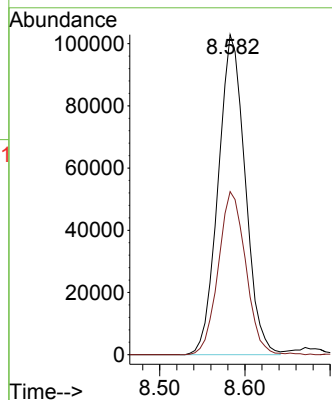
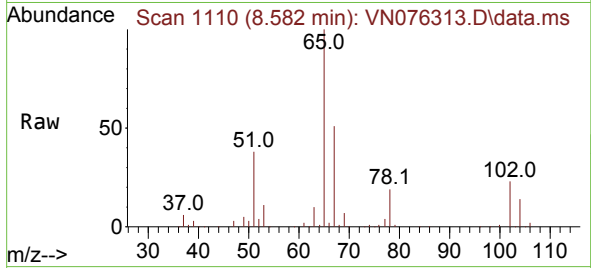




#33
 1,2-Dichloroethane-d4
 Concen: 47.295 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN076313.D
 Acq: 19 Jan 2023 11:08

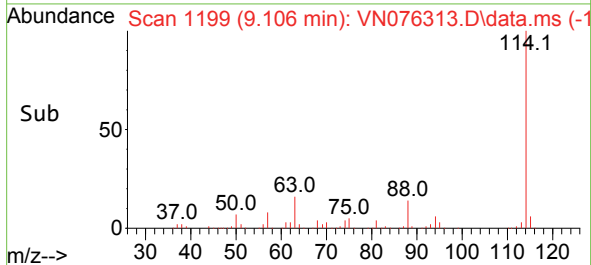
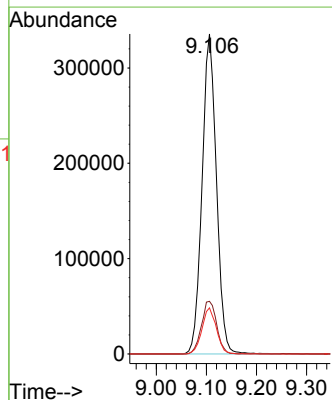
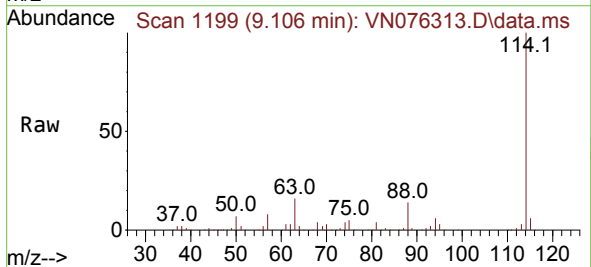
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01

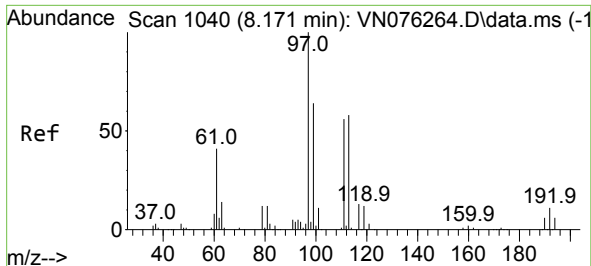
Tgt Ion: 65 Resp: 226348
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN076313.D
 Acq: 19 Jan 2023 11:08

Tgt Ion: 114 Resp: 667826
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 35.8
 88 14.4 0.0 28.0





#35

Dibromofluoromethane

Concen: 49.159 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01

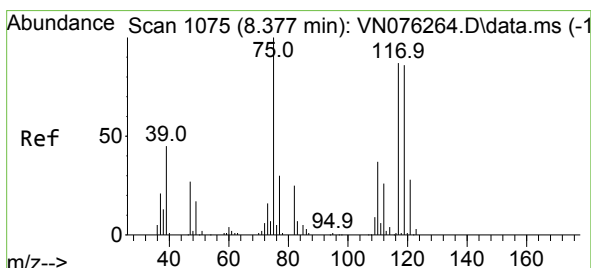
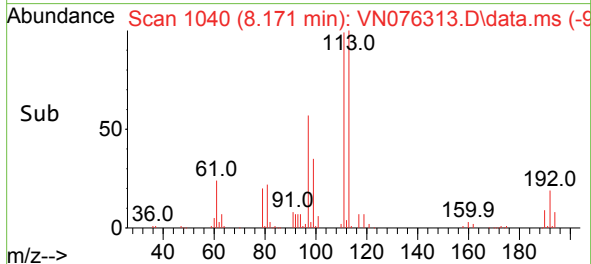
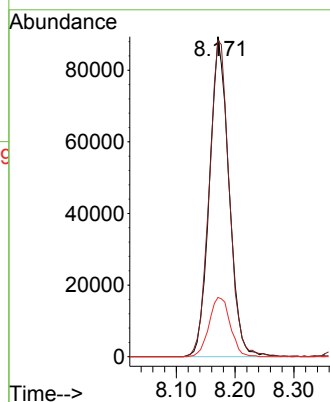
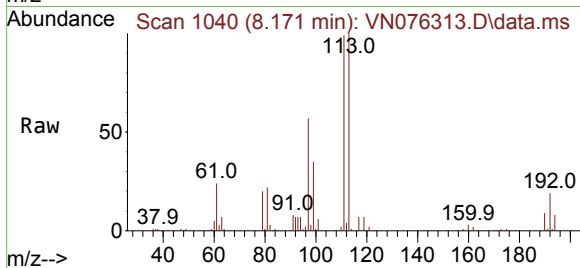
Tgt Ion:113 Resp: 205365

Ion Ratio Lower Upper

113 100

111 101.8 82.7 124.1

192 20.1 15.6 23.4



#36

1,1-Dichloropropene

Concen: 17.110 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

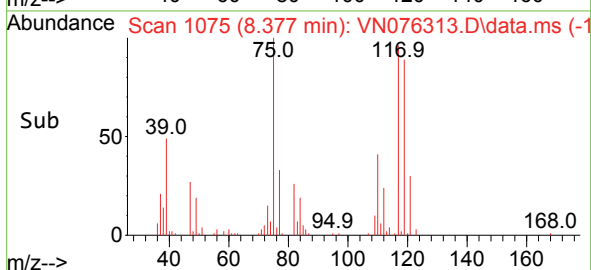
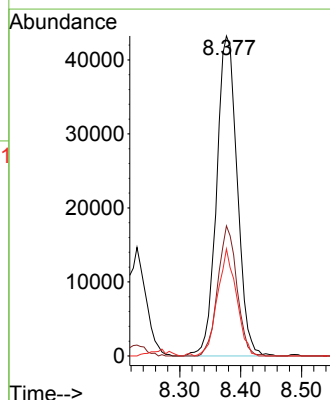
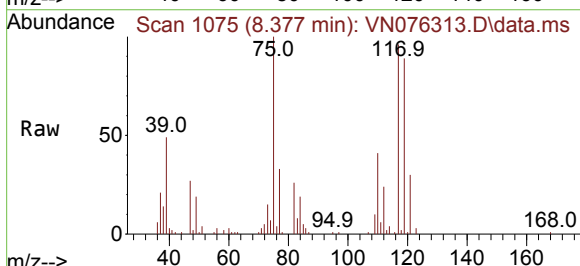
Tgt Ion: 75 Resp: 101569

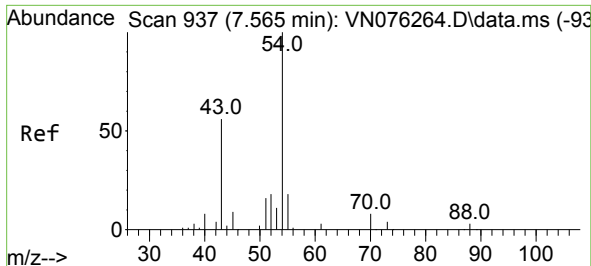
Ion Ratio Lower Upper

75 100

110 37.7 18.8 56.3

77 30.9 25.0 37.4

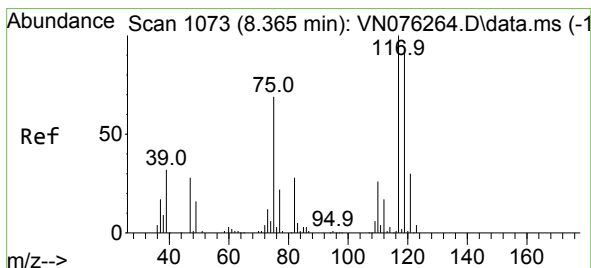
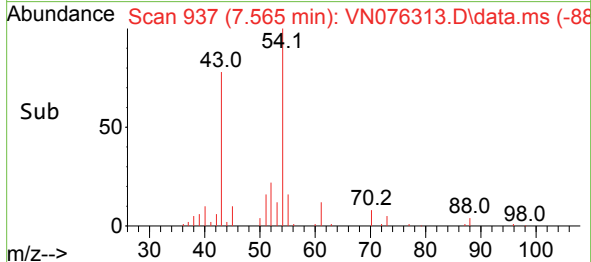
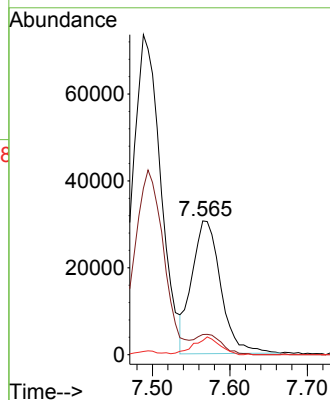
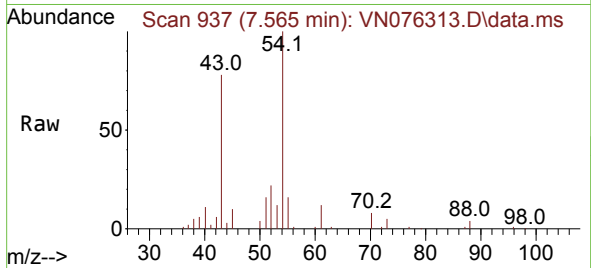




#37
Ethyl Acetate
Concen: 16.668 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

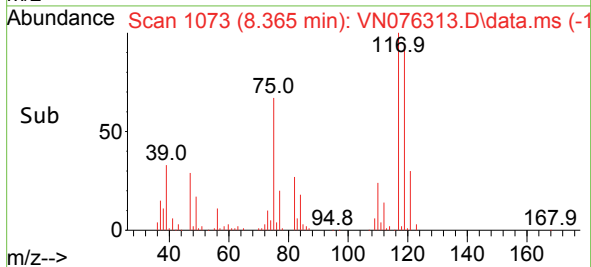
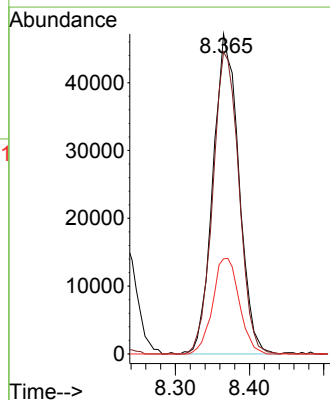
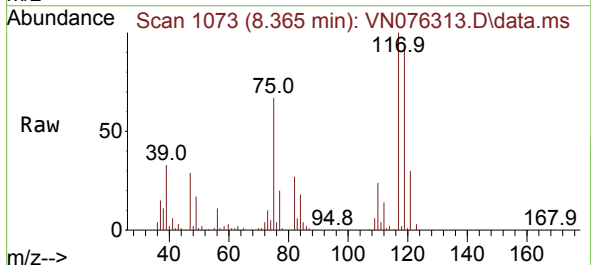
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

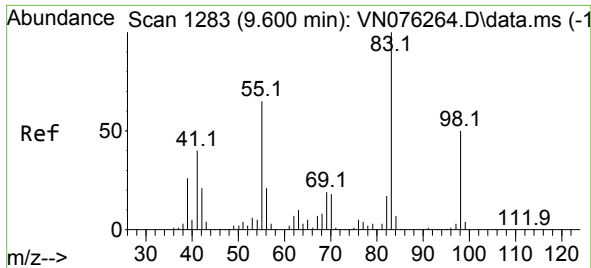
Tgt Ion: 43 Resp: 79246
Ion Ratio Lower Upper
43 100
61 12.9 11.1 16.7
70 11.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 17.272 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 117 Resp: 114338
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.0
121 29.7 24.2 36.2

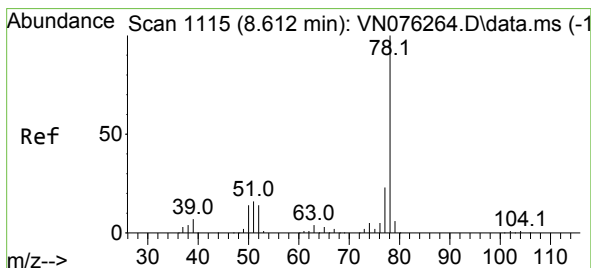
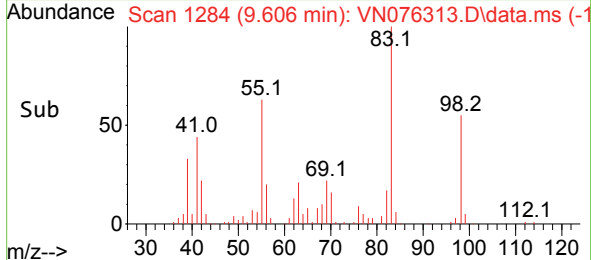
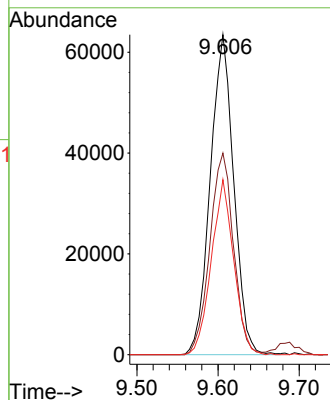
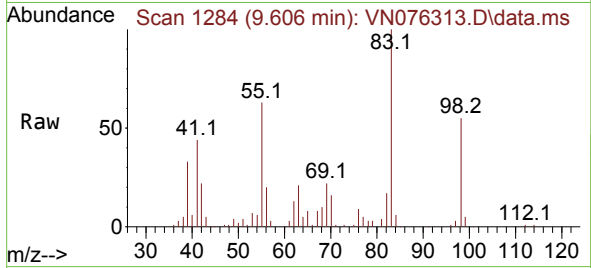




#39
Methylcyclohexane
Concen: 17.579 ug/l
RT: 9.606 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

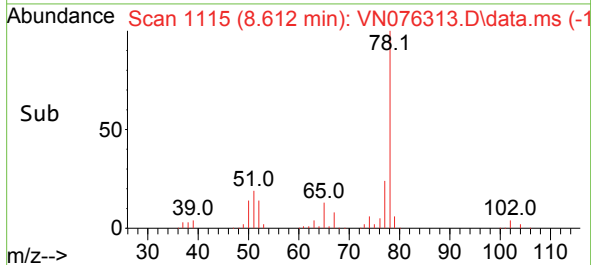
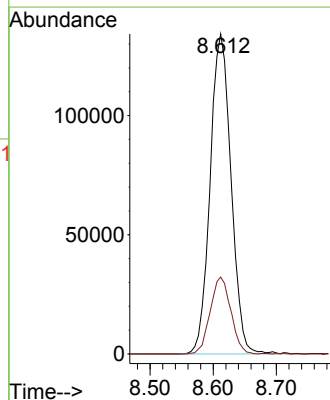
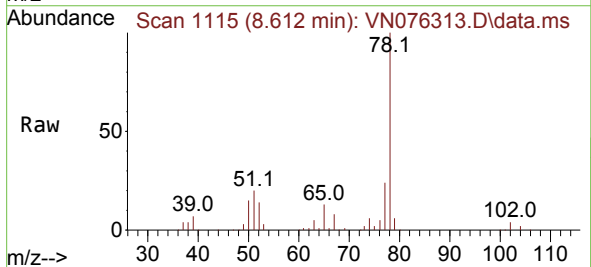
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

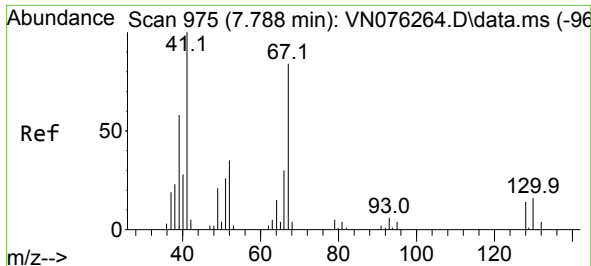
Tgt Ion: 83 Resp: 127429
Ion Ratio Lower Upper
83 100
55 63.0 51.7 77.5
98 54.7 40.0 60.0



#40
Benzene
Concen: 17.392 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 78 Resp: 308710
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0

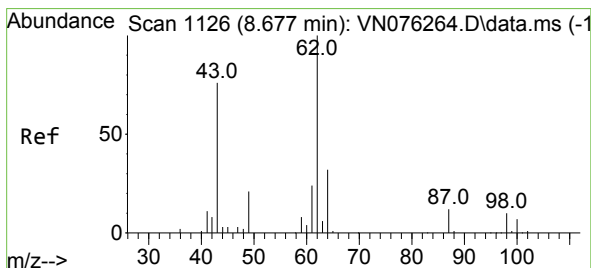
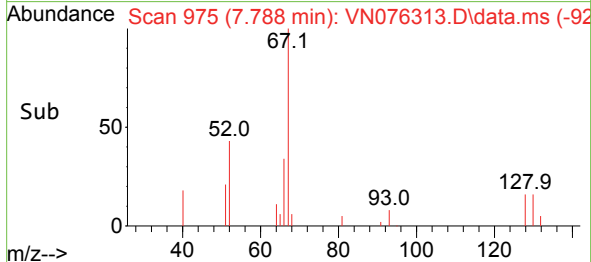
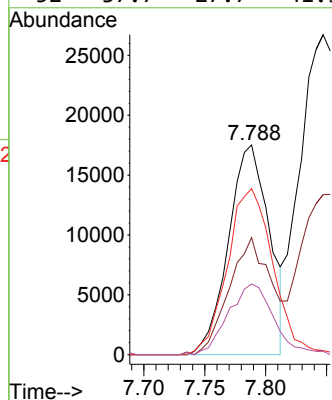
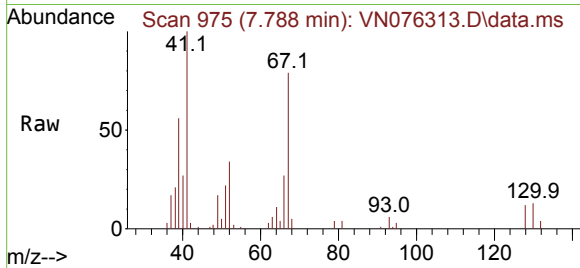




#41
Methacrylonitrile
Concen: 16.389 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

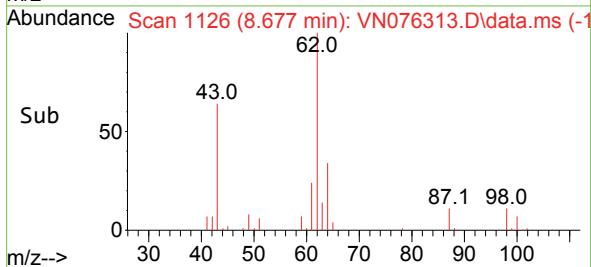
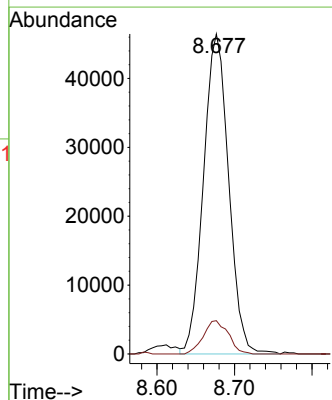
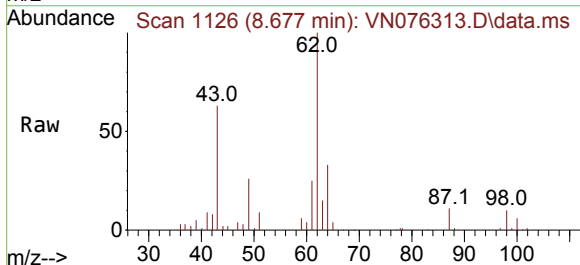
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

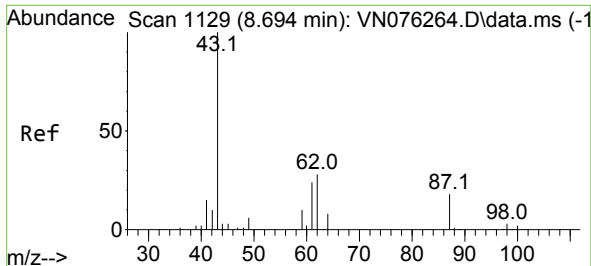
Tgt Ion:	41	Resp:	40858
Ion	Ratio	Lower	Upper
41	100		
39	56.5	42.4	63.6
67	88.7	68.8	103.2
52	37.7	27.7	41.5



#42
1,2-Dichloroethane
Concen: 17.252 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion:	62	Resp:	104773
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4

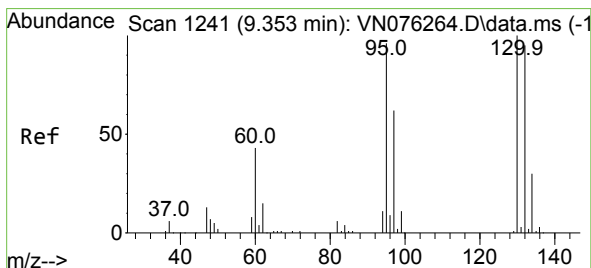
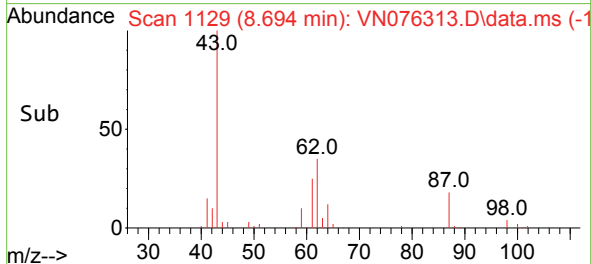
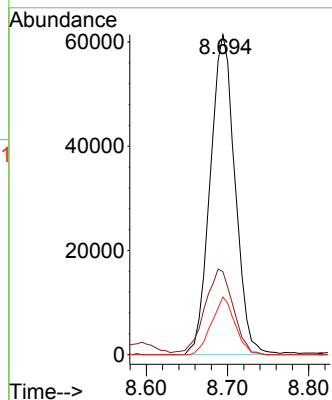
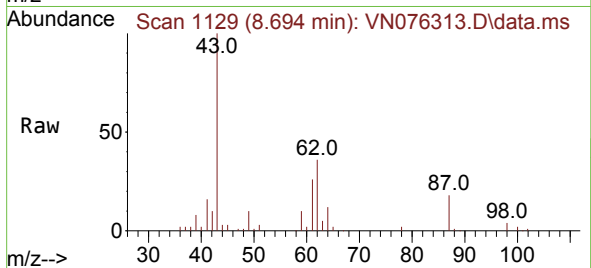




#43
Isopropyl Acetate
Concen: 16.822 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

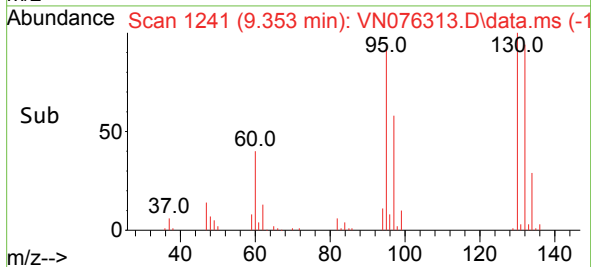
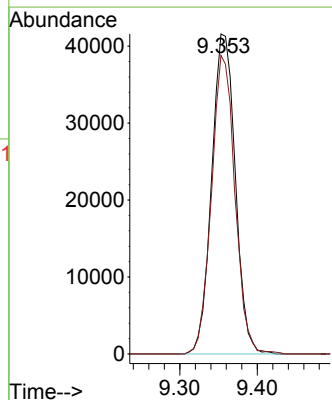
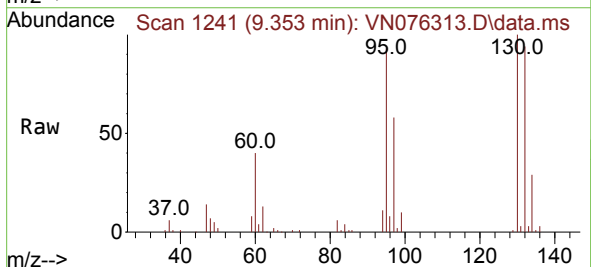
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

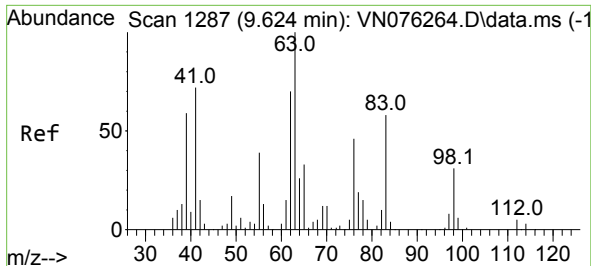
Tgt Ion: 43 Resp: 130297
Ion Ratio Lower Upper
43 100
61 30.7 23.5 35.3
87 17.0 13.8 20.6



#44
Trichloroethene
Concen: 17.522 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion:130 Resp: 87966
Ion Ratio Lower Upper
130 100
95 93.3 0.0 192.0





#45

1,2-Dichloropropane

Concen: 16.940 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

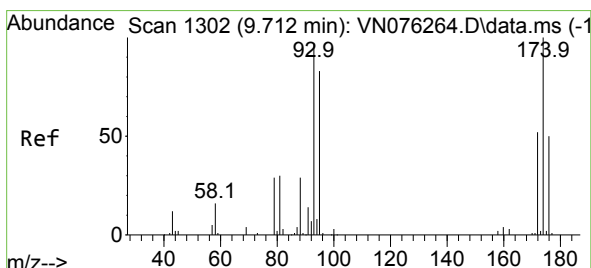
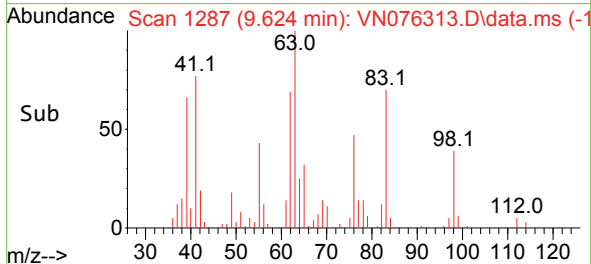
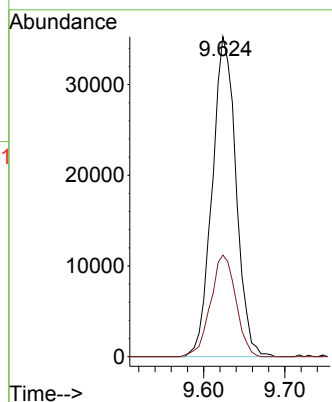
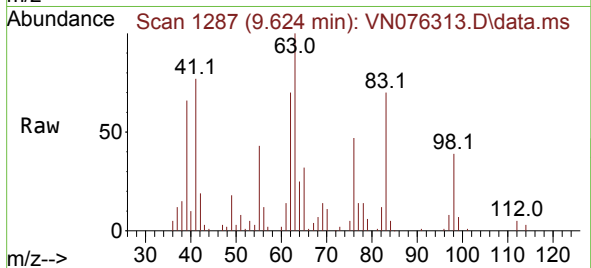
VN0119WBS01

Tgt Ion: 63 Resp: 71989

Ion Ratio Lower Upper

63 100

65 31.7 26.4 39.6



#46

Dibromomethane

Concen: 17.206 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

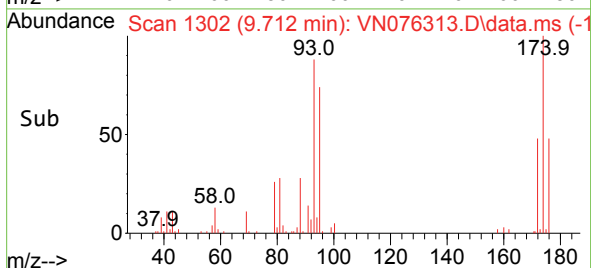
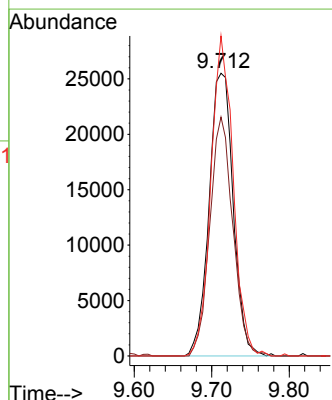
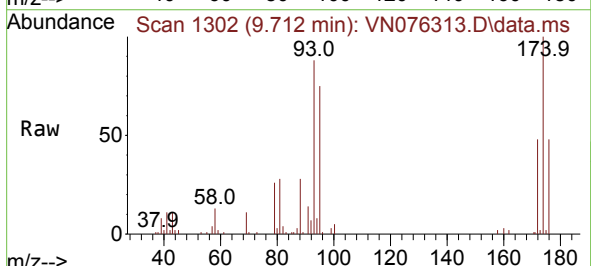
Tgt Ion: 93 Resp: 55208

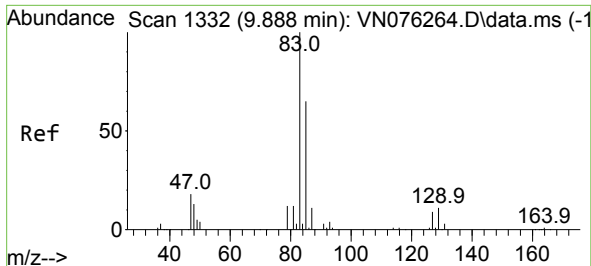
Ion Ratio Lower Upper

93 100

95 80.5 66.0 99.0

174 104.1 81.3 121.9

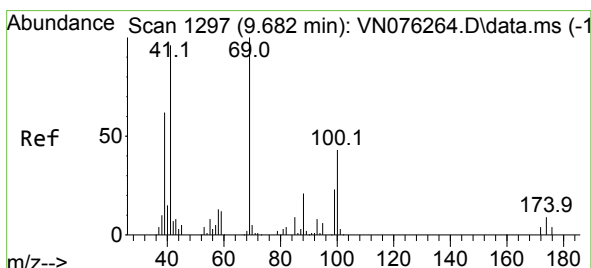
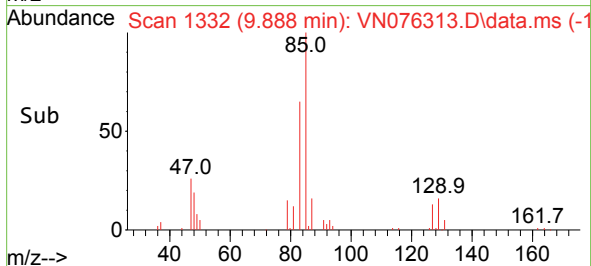
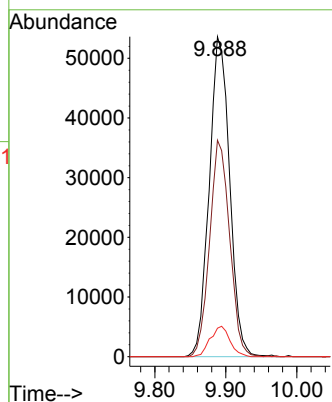
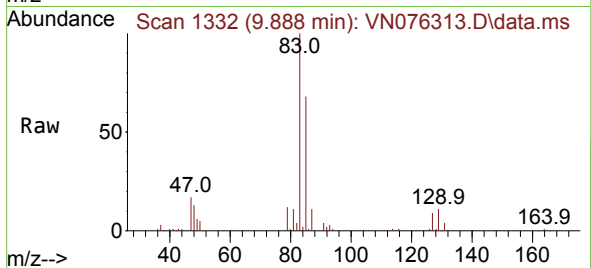




#47
Bromodichloromethane
Concen: 17.183 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

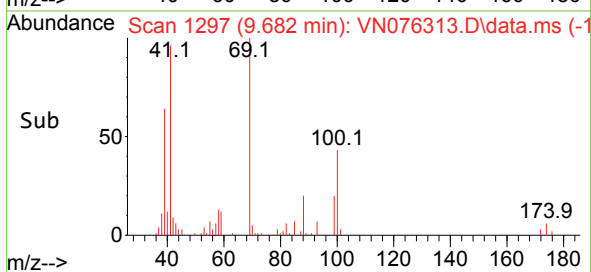
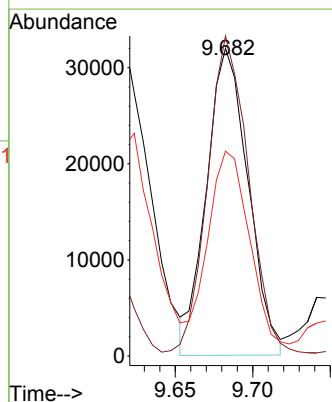
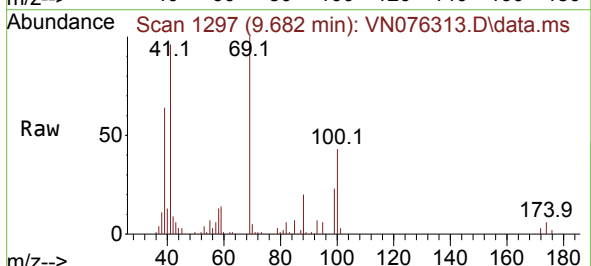
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

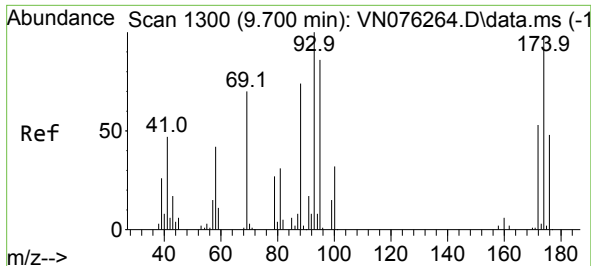
Tgt Ion: 83 Resp: 106935
Ion Ratio Lower Upper
83 100
85 67.6 52.1 78.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 16.273 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 41 Resp: 59673
Ion Ratio Lower Upper
41 100
69 101.9 80.8 121.2
39 70.1 54.4 81.6





#49

1,4-Dioxane

Concen: 357.401 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01

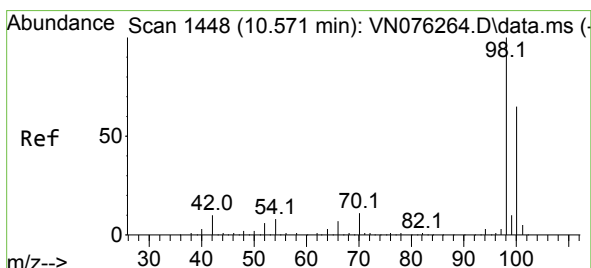
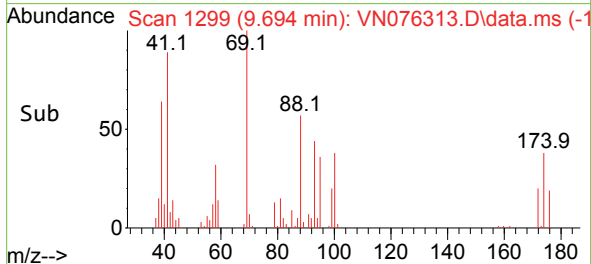
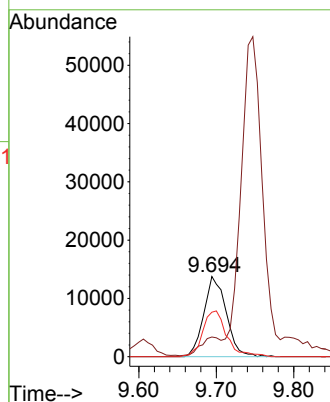
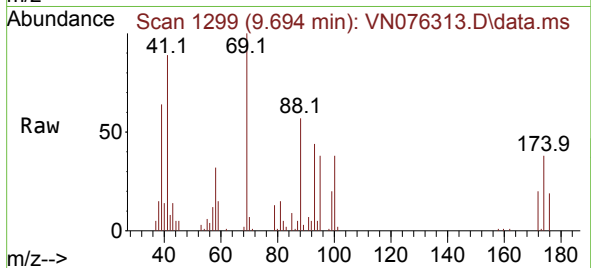
Tgt Ion: 88 Resp: 27654

Ion Ratio Lower Upper

88 100

43 20.7 18.1 27.1

58 61.1 46.5 69.7



#50

Toluene-d8

Concen: 49.477 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076313.D

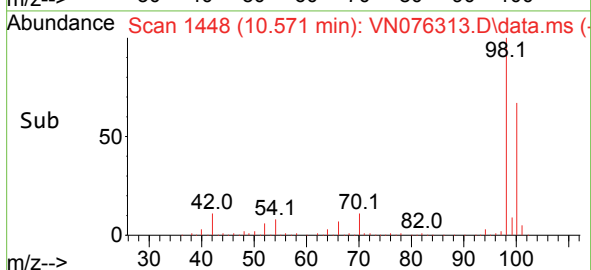
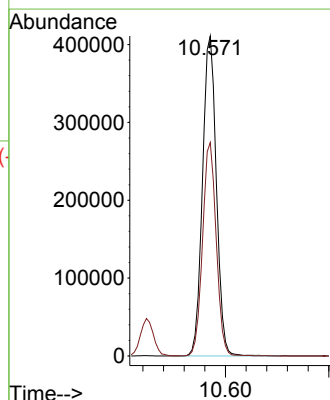
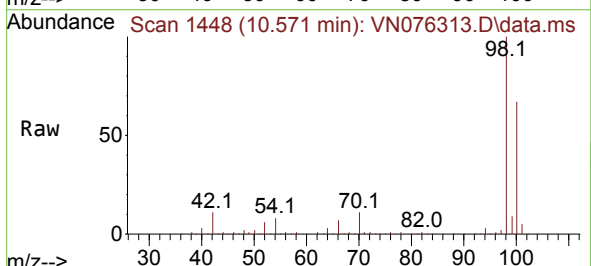
Acq: 19 Jan 2023 11:08

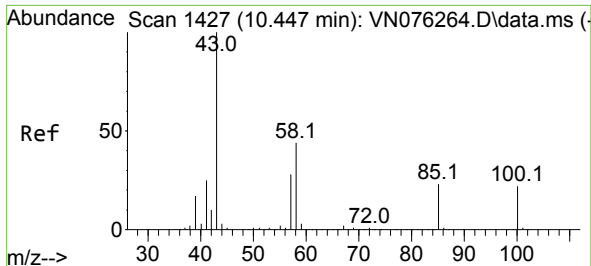
Tgt Ion: 98 Resp: 763343

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 86.348 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

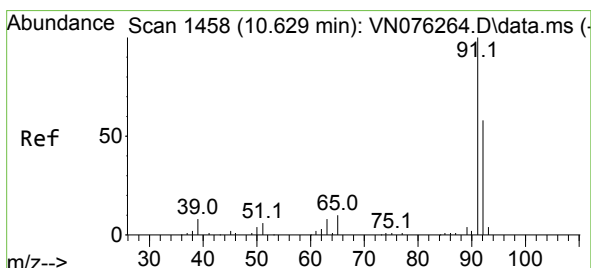
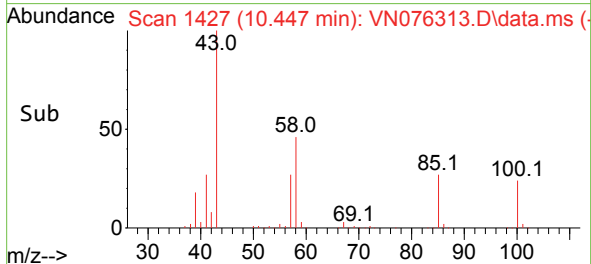
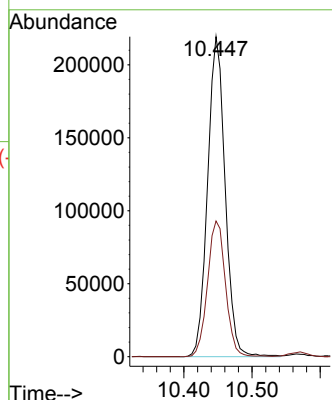
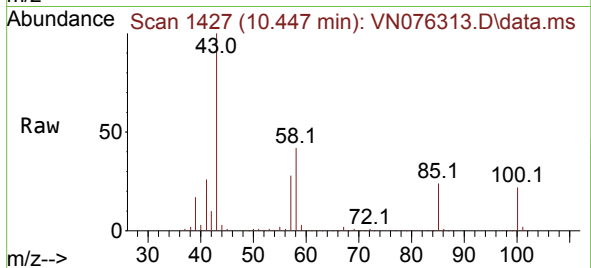
VN0119WBS01

Tgt Ion: 43 Resp: 392629

Ion Ratio Lower Upper

43 100

58 43.5 35.1 52.7



#52

Toluene

Concen: 17.350 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VN076313.D

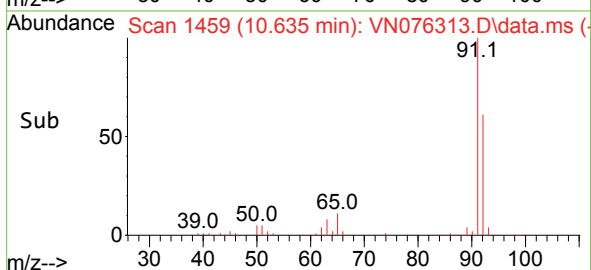
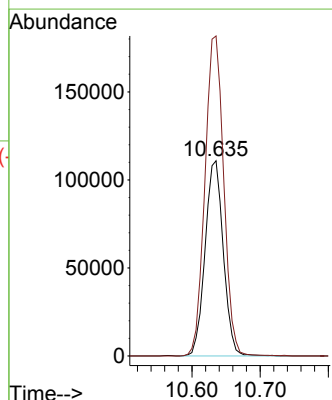
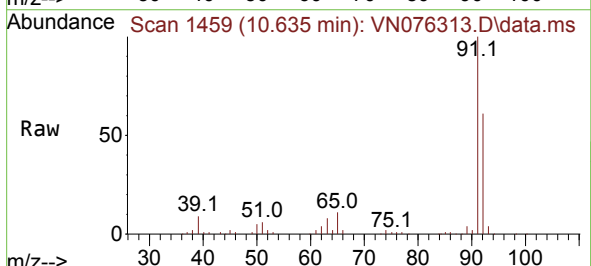
Acq: 19 Jan 2023 11:08

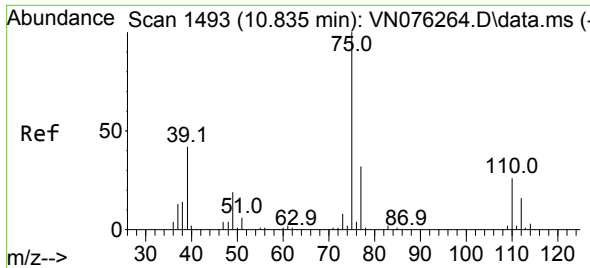
Tgt Ion: 92 Resp: 205942

Ion Ratio Lower Upper

92 100

91 169.2 136.6 205.0

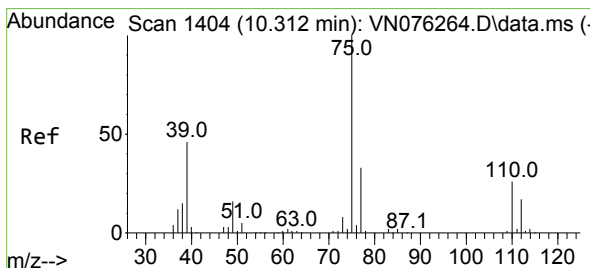
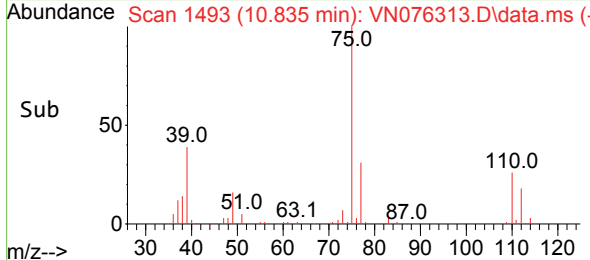
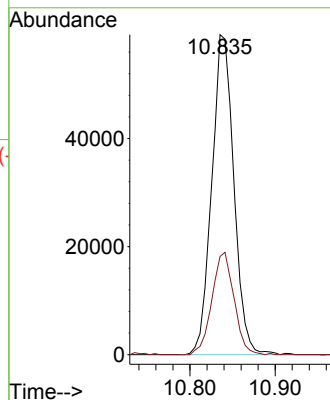
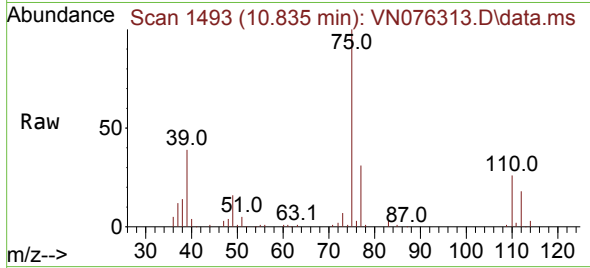




#53
 t-1,3-Dichloropropene
 Concen: 17.959 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076313.D
 Acq: 19 Jan 2023 11:08

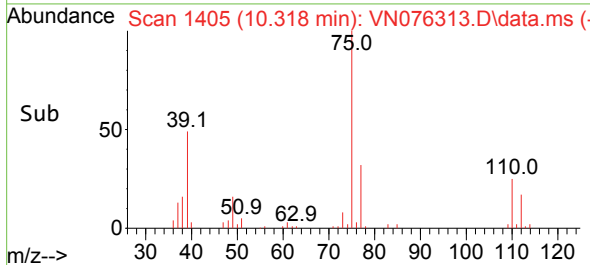
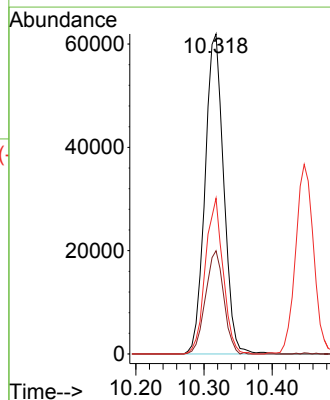
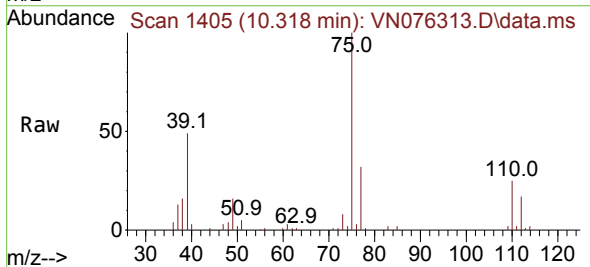
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01

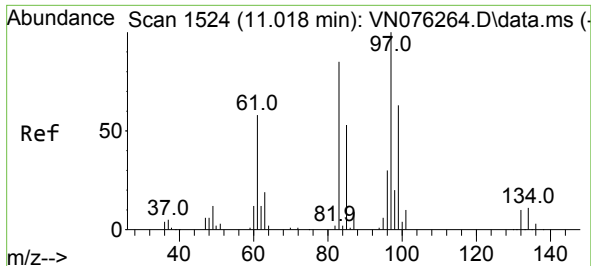
Tgt Ion: 75 Resp: 106538
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 17.304 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076313.D
 Acq: 19 Jan 2023 11:08

Tgt Ion: 75 Resp: 118099
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.5 39.7
 39 48.7 37.1 55.7

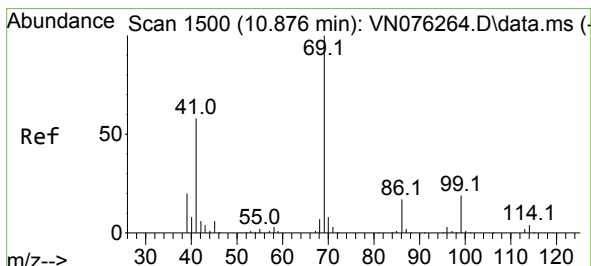
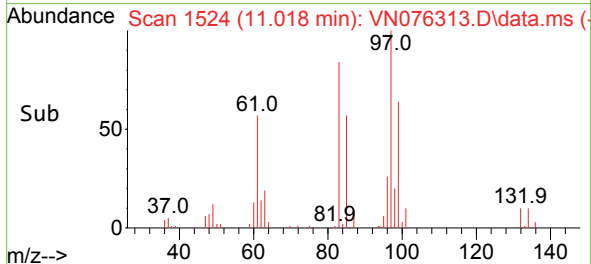
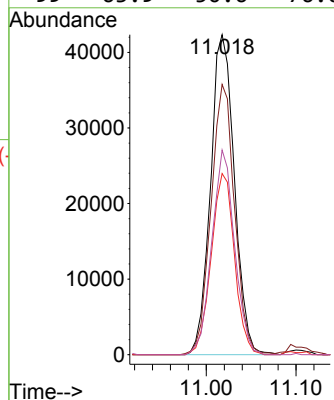
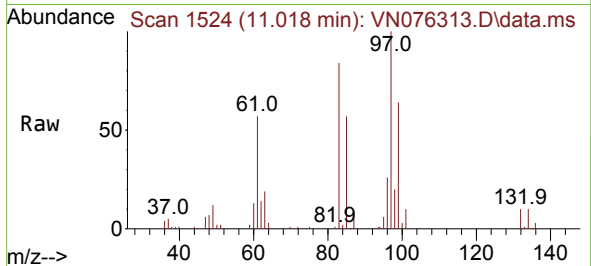




#55
1,1,2-Trichloroethane
Concen: 17.241 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

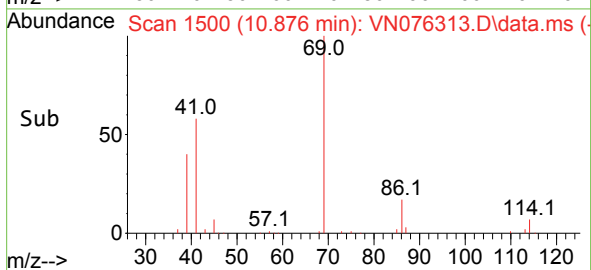
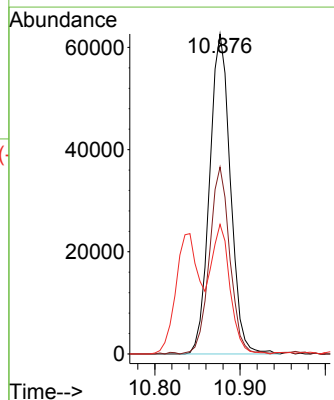
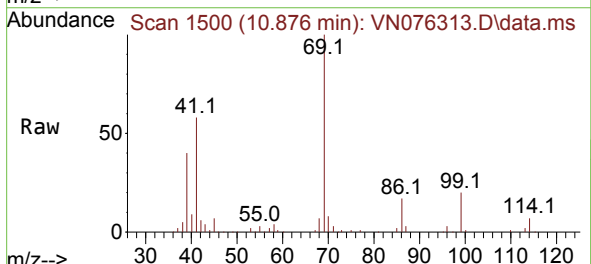
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

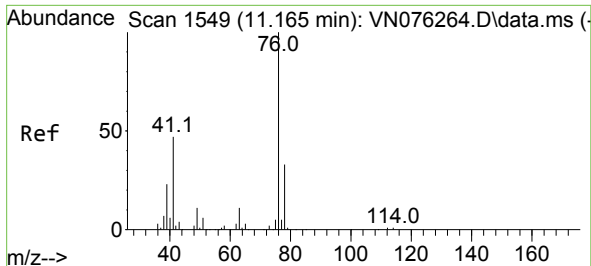
Tgt Ion: 97	Resp: 78224
Ion Ratio	Lower Upper
97 100	
83 84.5	67.8 101.6
85 56.6	42.3 63.5
99 63.9	50.6 76.0



#56
Ethyl methacrylate
Concen: 18.149 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 69	Resp: 106311
Ion Ratio	Lower Upper
69 100	
41 57.3	45.3 67.9
39 36.6	29.3 43.9





#57

1,3-Dichloropropane

Concen: 17.580 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

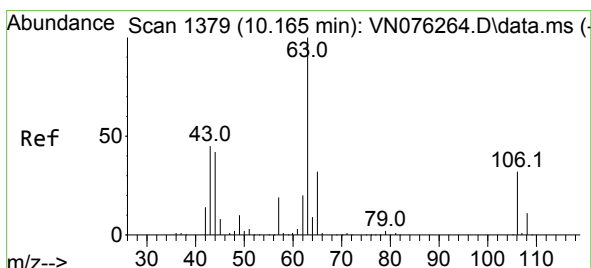
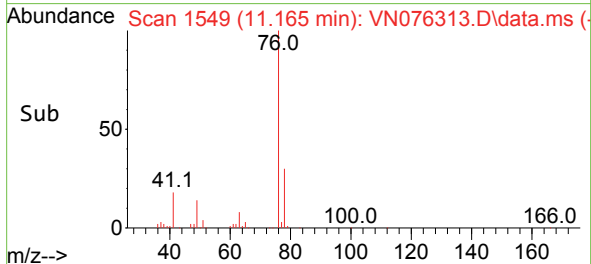
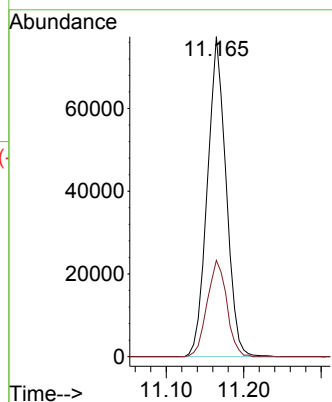
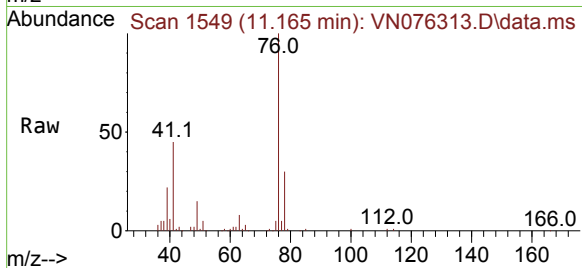
VN0119WBS01

Tgt Ion: 76 Resp: 129622

Ion Ratio Lower Upper

76 100

78 31.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 80.259 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076313.D

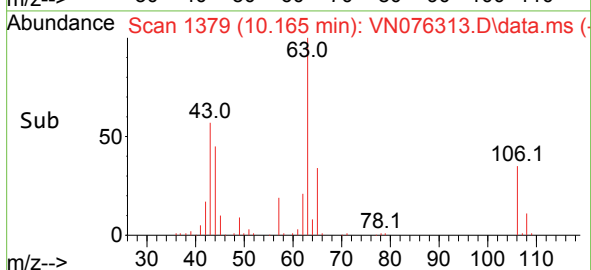
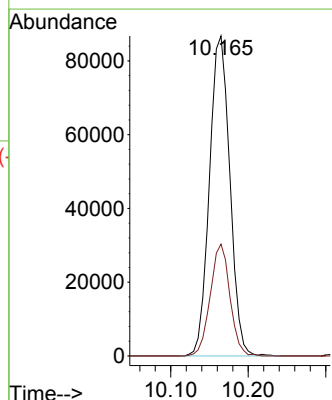
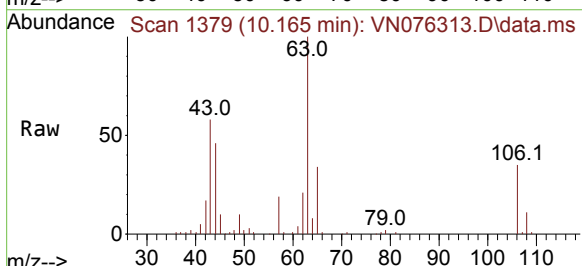
Acq: 19 Jan 2023 11:08

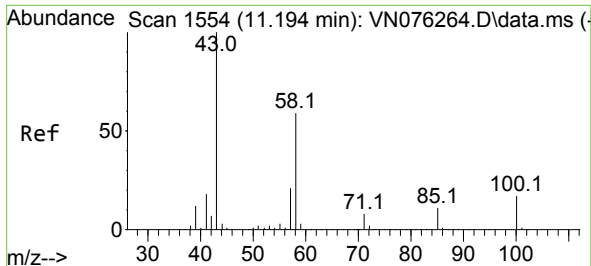
Tgt Ion: 63 Resp: 158710

Ion Ratio Lower Upper

63 100

106 33.7 26.2 39.2

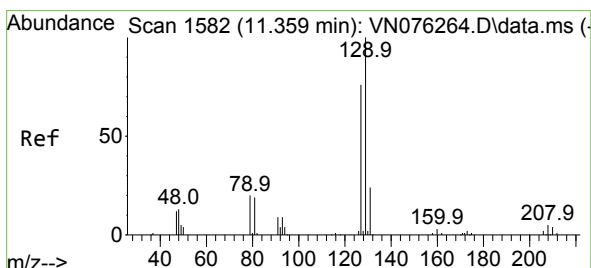
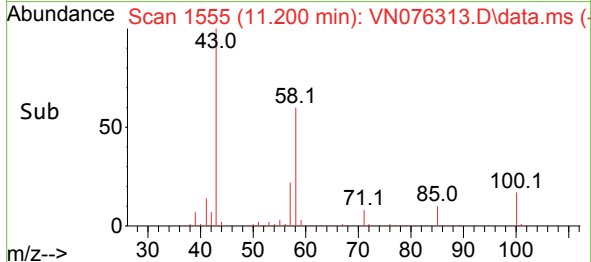
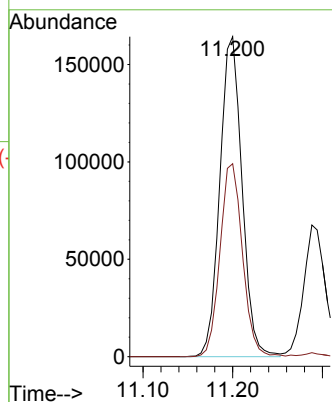
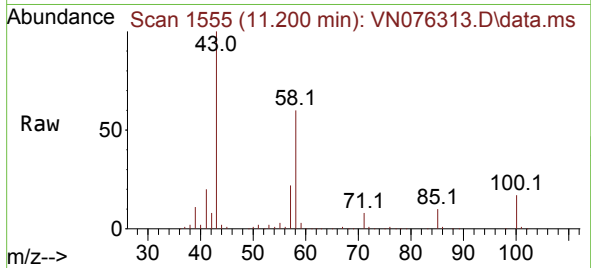




#59
2-Hexanone
Concen: 85.602 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

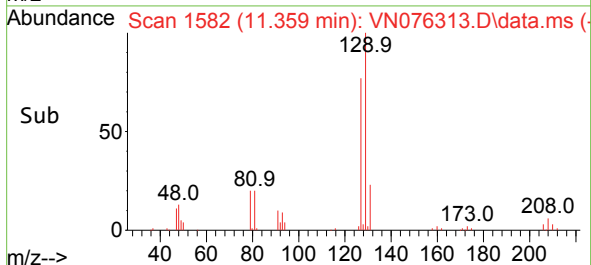
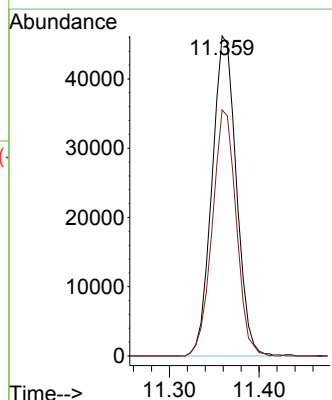
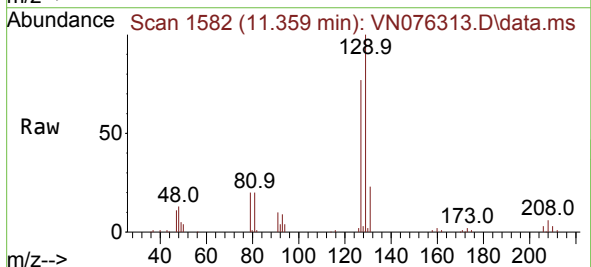
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

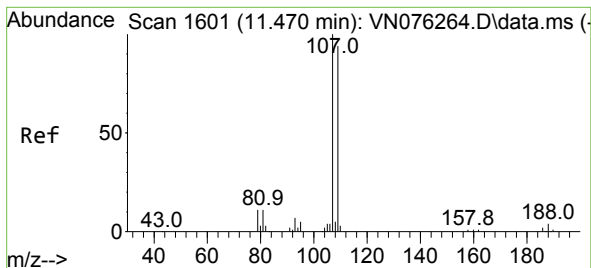
Tgt Ion: 43 Resp: 282065
Ion Ratio Lower Upper
43 100
58 61.1 30.1 90.3



#60
Dibromochloromethane
Concen: 18.223 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 129 Resp: 87035
Ion Ratio Lower Upper
129 100
127 75.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 17.545 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

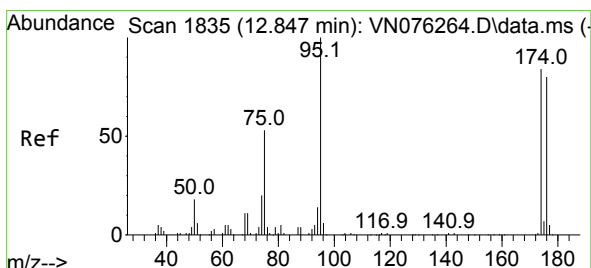
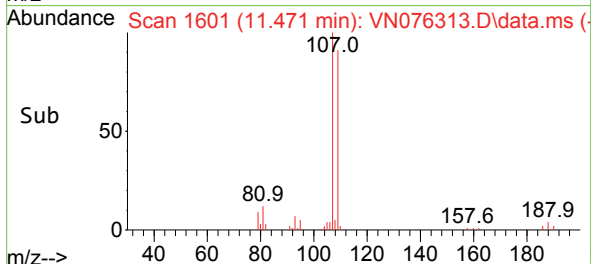
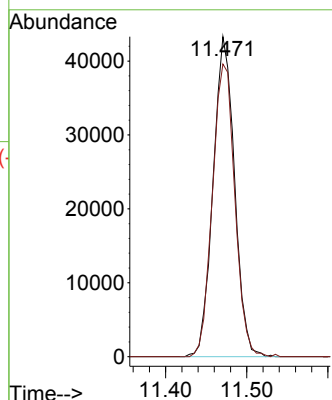
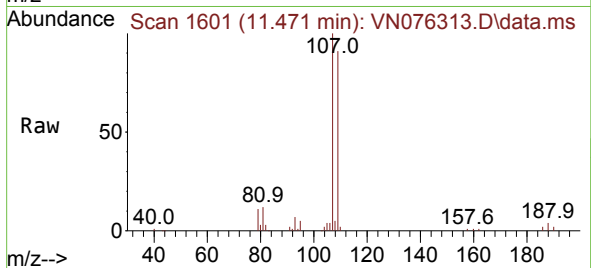
VN0119WBS01

Tgt Ion:107 Resp: 79458

Ion Ratio Lower Upper

107 100

109 95.5 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 50.309 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

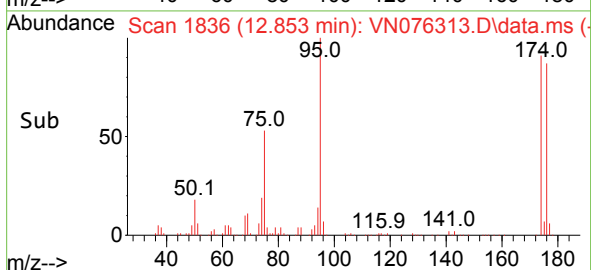
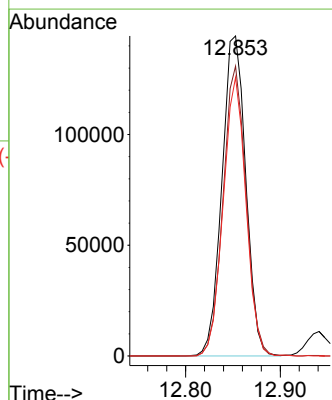
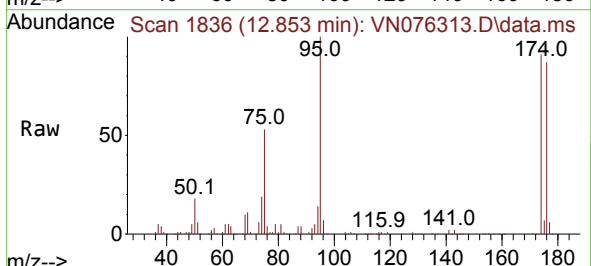
Tgt Ion: 95 Resp: 253383

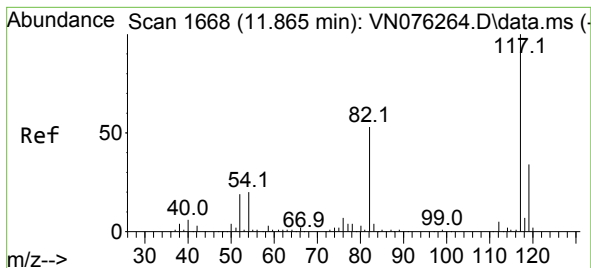
Ion Ratio Lower Upper

95 100

174 87.3 0.0 174.6

176 83.0 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01

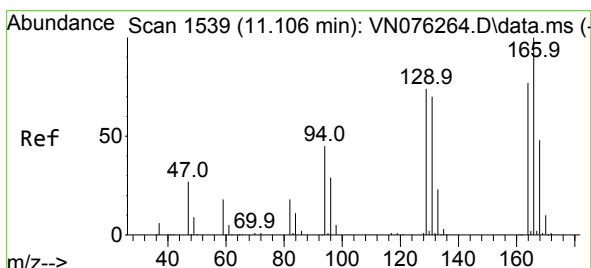
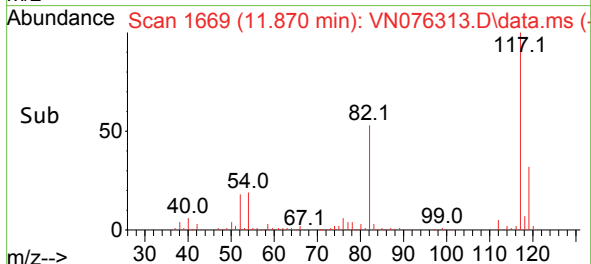
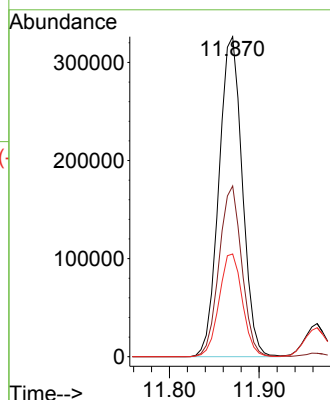
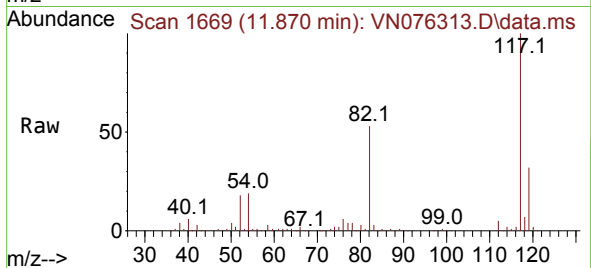
Tgt Ion:117 Resp: 590475

Ion Ratio Lower Upper

117 100

82 53.3 42.2 63.2

119 32.1 26.9 40.3



#64

Tetrachloroethene

Concen: 17.629 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Tgt Ion:164 Resp: 93876

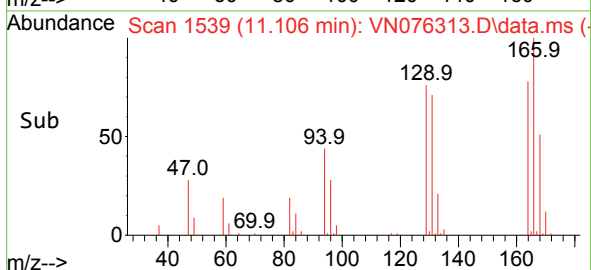
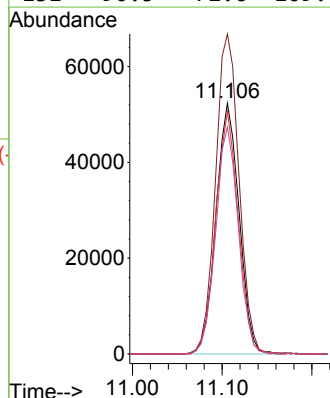
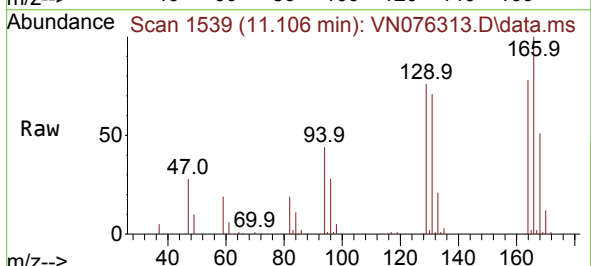
Ion Ratio Lower Upper

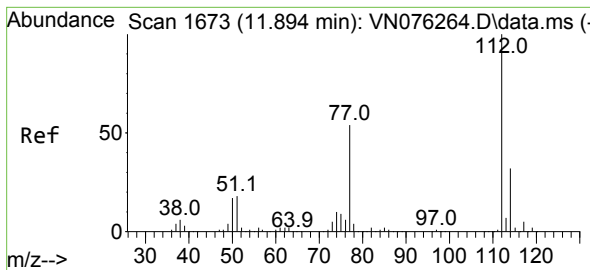
164 100

166 127.7 104.0 156.0

129 96.9 76.6 114.8

131 90.5 72.6 109.0

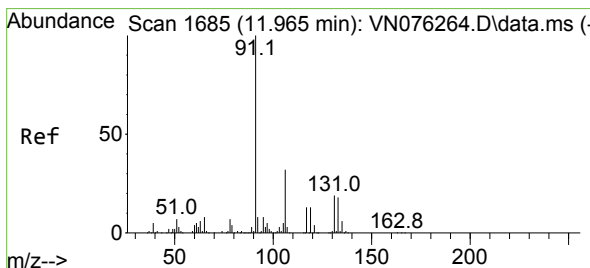
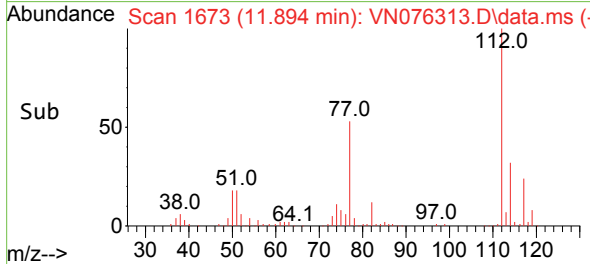
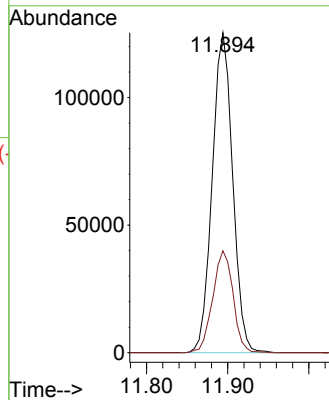
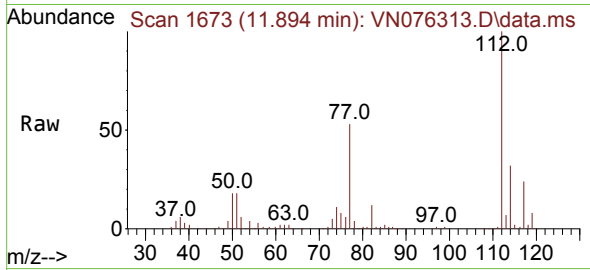




#65
Chlorobenzene
Concen: 17.568 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

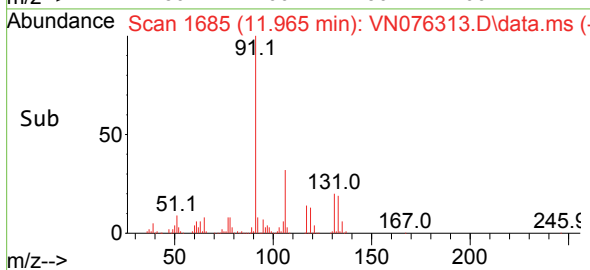
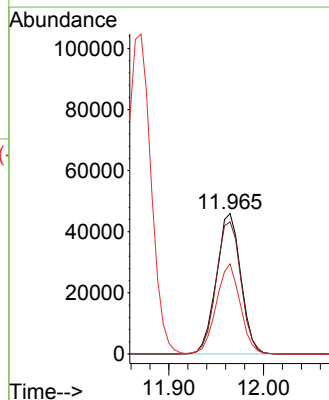
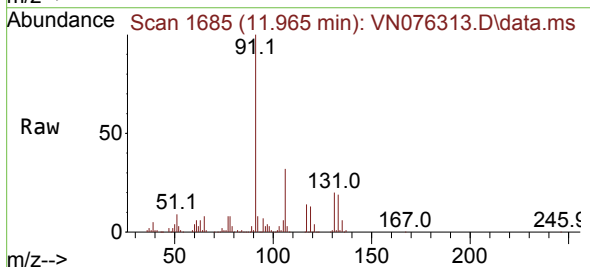
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

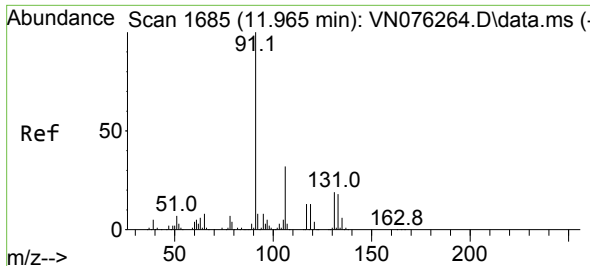
Tgt Ion:112 Resp: 219286
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 17.754 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion:131 Resp: 82451
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 62.8 32.3 96.8

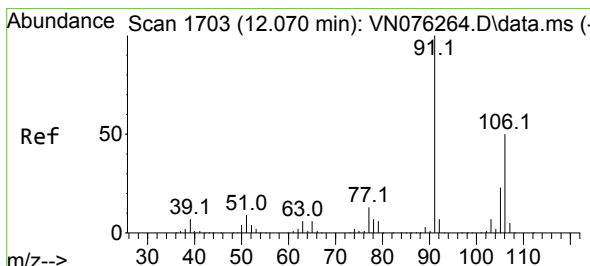
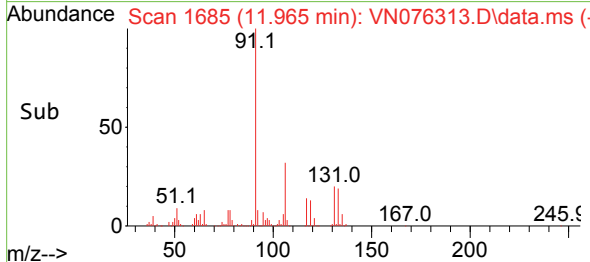
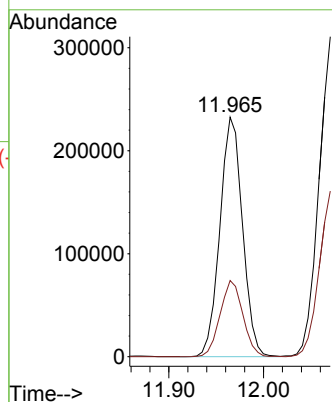
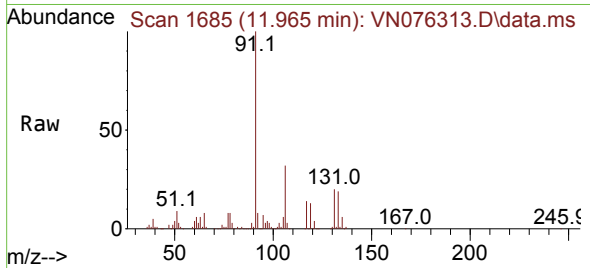




#67
Ethyl Benzene
Concen: 18.061 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

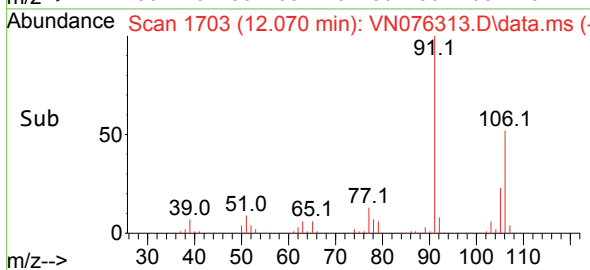
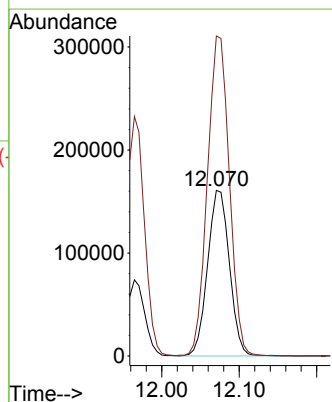
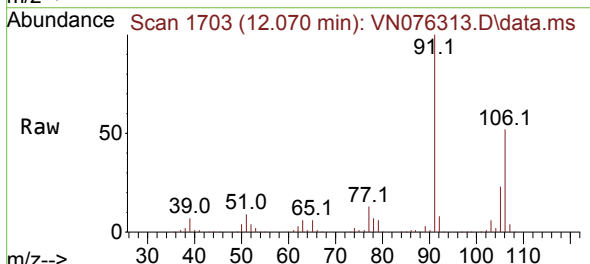
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

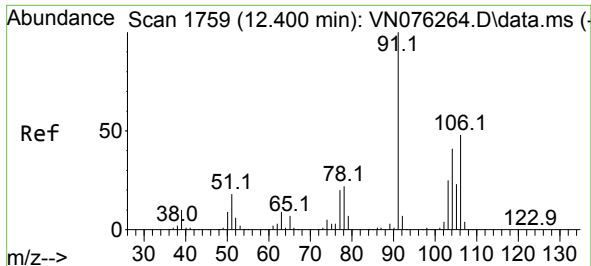
Tgt Ion: 91 Resp: 385837
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 36.652 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion:106 Resp: 313965
Ion Ratio Lower Upper
106 100
91 194.9 157.5 236.3

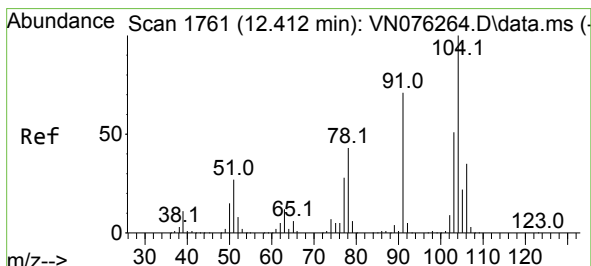
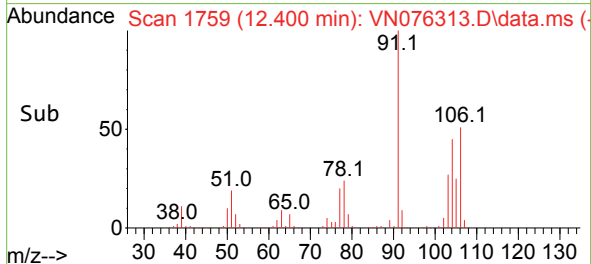
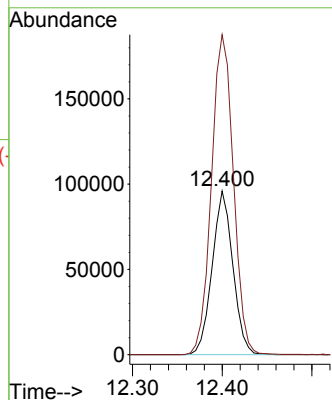
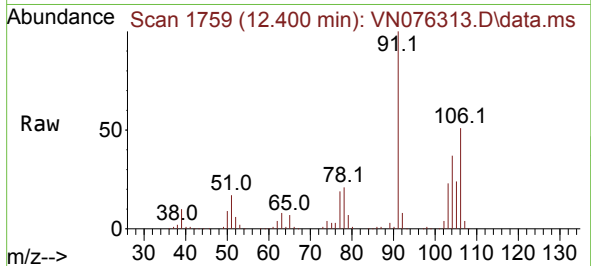




#69
o-Xylene
Concen: 18.304 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

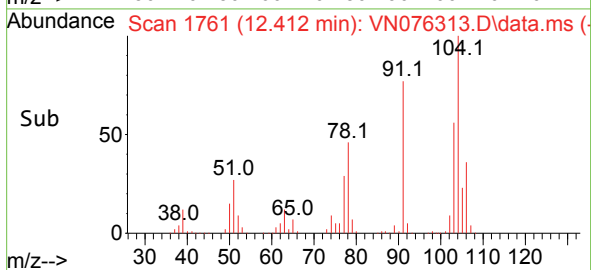
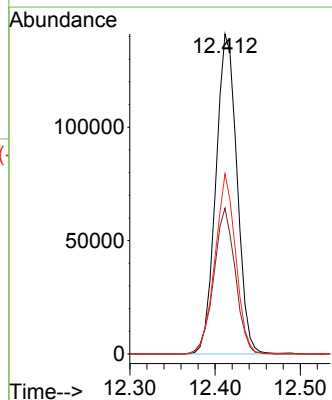
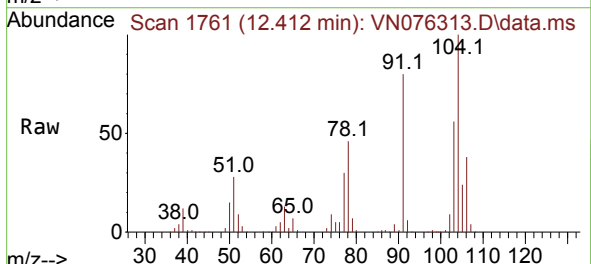
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

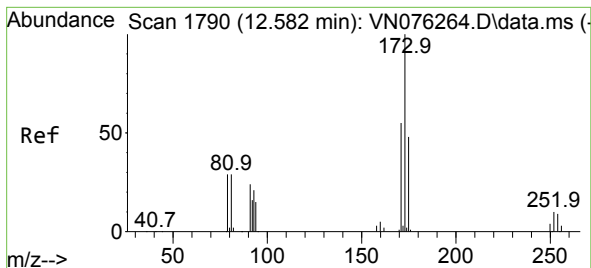
Tgt Ion:106 Resp: 153974
Ion Ratio Lower Upper
106 100
91 207.3 103.2 309.4



#70
Styrene
Concen: 18.166 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion:104 Resp: 244002
Ion Ratio Lower Upper
104 100
78 46.4 37.4 56.0
103 55.1 44.2 66.2





#71

Bromoform

Concen: 17.839 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01

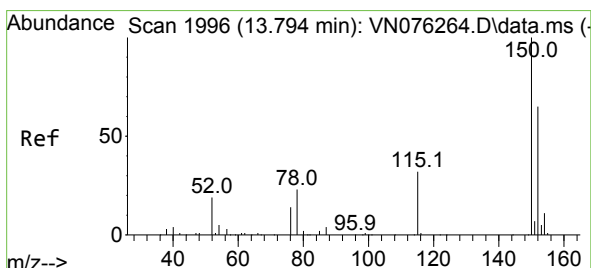
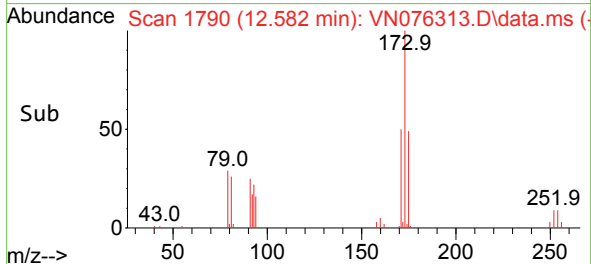
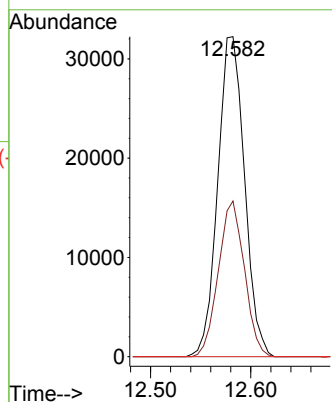
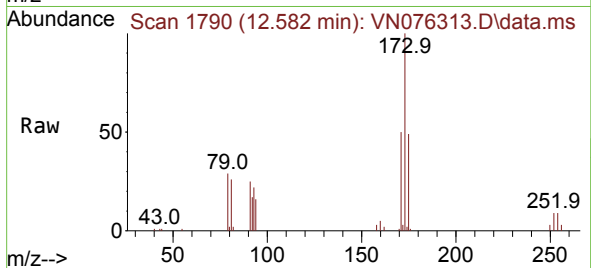
Tgt Ion:173 Resp: 59828

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

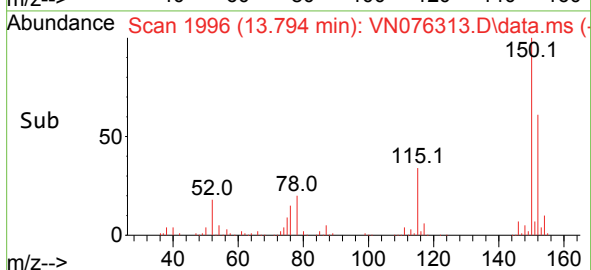
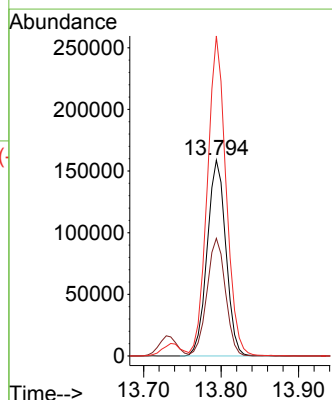
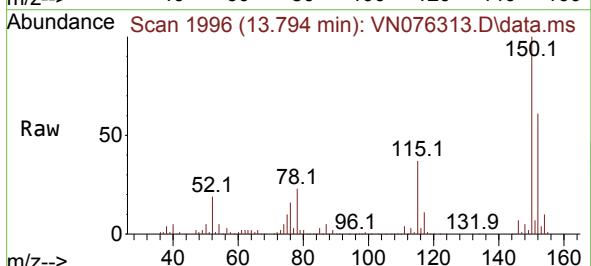
Tgt Ion:152 Resp: 266104

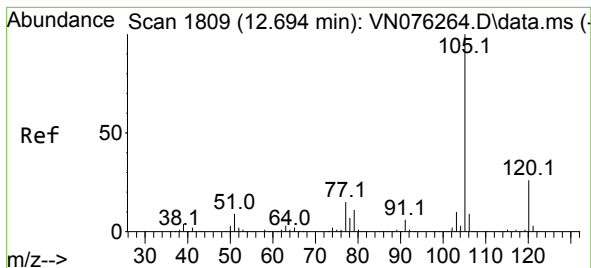
Ion Ratio Lower Upper

152 100

115 59.5 29.6 88.9

150 163.4 0.0 351.4





#73

Isopropylbenzene

Concen: 19.308 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

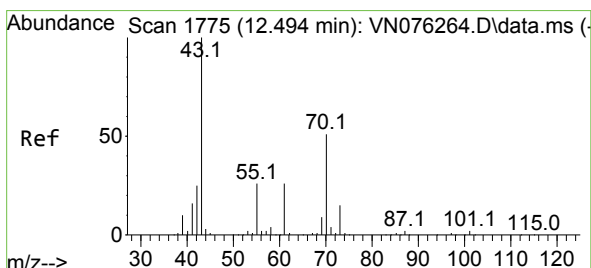
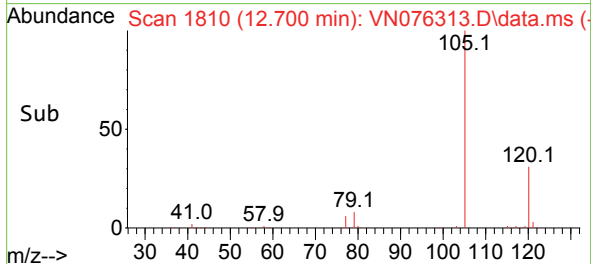
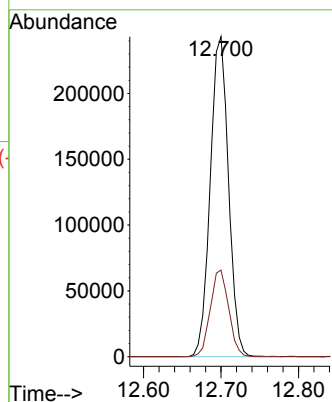
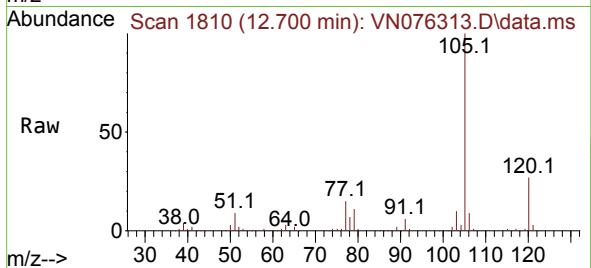
VN0119WBS01

Tgt Ion:105 Resp: 397470

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 18.436 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Tgt Ion: 43 Resp: 109166

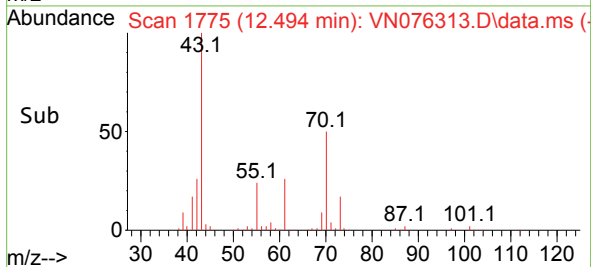
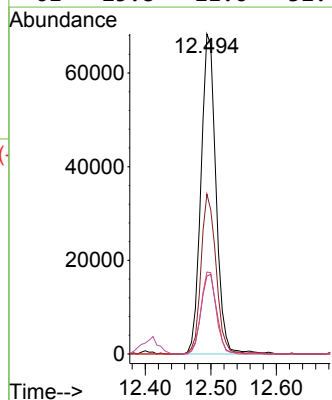
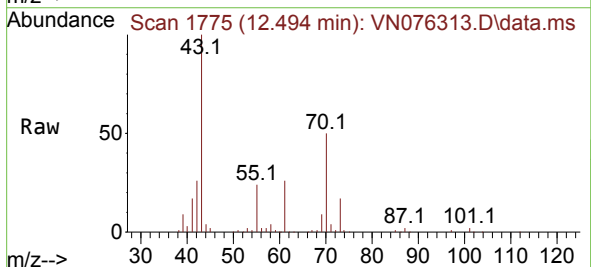
Ion Ratio Lower Upper

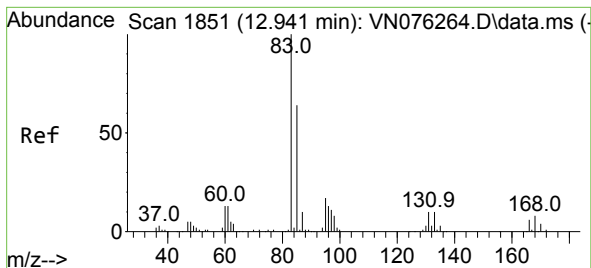
43 100

70 49.8 41.2 61.8

55 26.0 21.0 31.6

61 25.8 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.887 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01

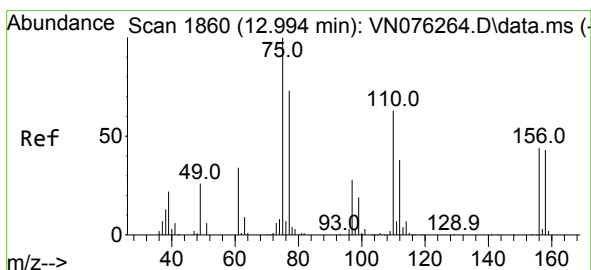
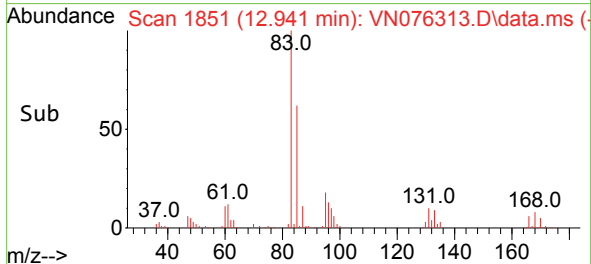
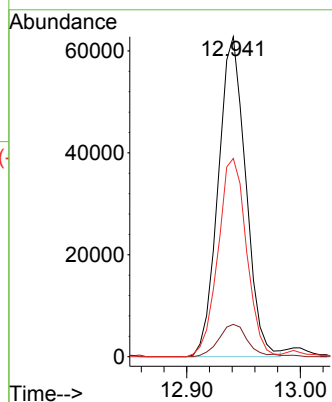
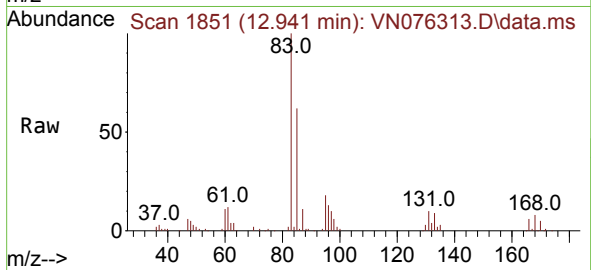
Tgt Ion: 83 Resp: 105852

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

85 64.1 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 25.884 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN076313.D

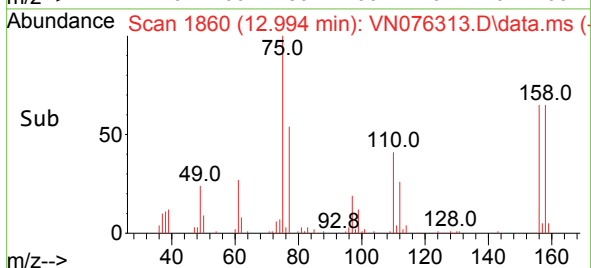
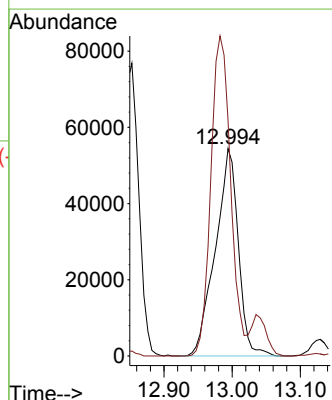
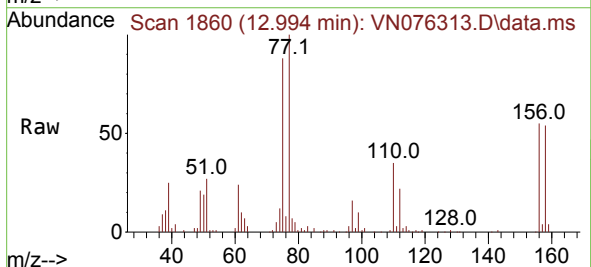
Acq: 19 Jan 2023 11:08

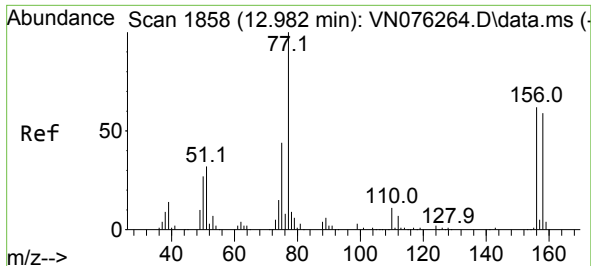
Tgt Ion: 75 Resp: 127693

Ion Ratio Lower Upper

75 100

77 133.9 75.2 225.6

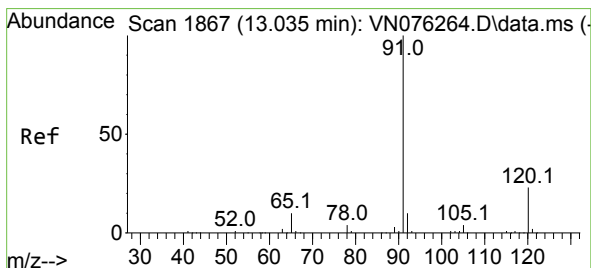
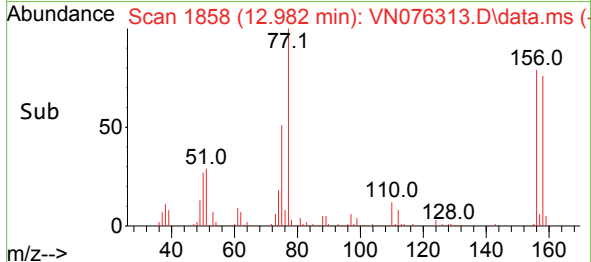
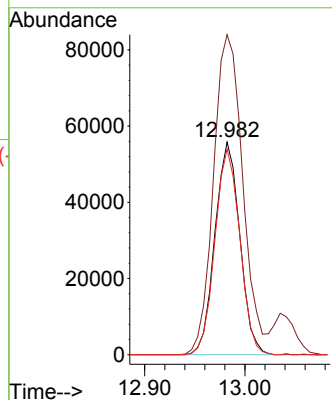
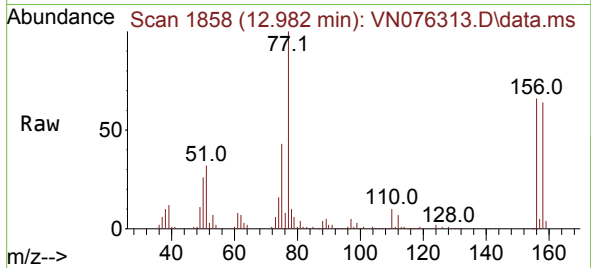




#77
Bromobenzene
Concen: 19.648 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

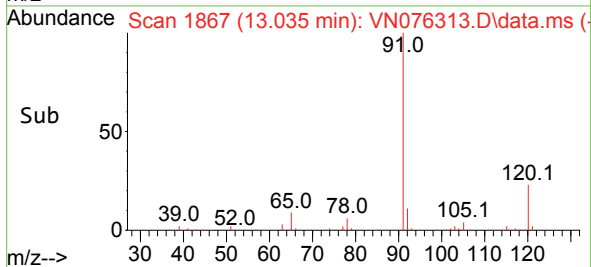
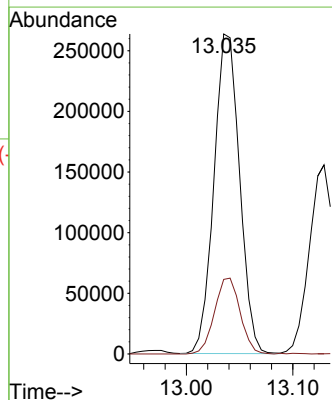
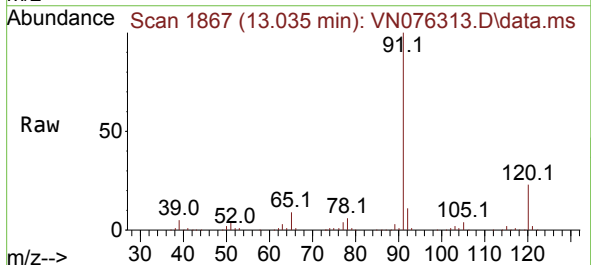
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

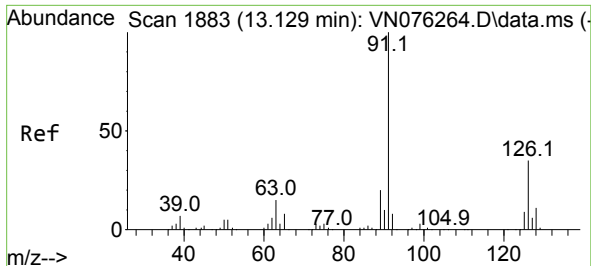
Tgt Ion:156 Resp: 96204
Ion Ratio Lower Upper
156 100
77 177.8 93.4 280.2
158 96.6 48.4 145.2



#78
n-propylbenzene
Concen: 18.935 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 91 Resp: 439825
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5

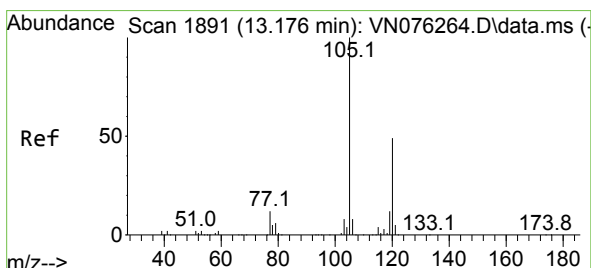
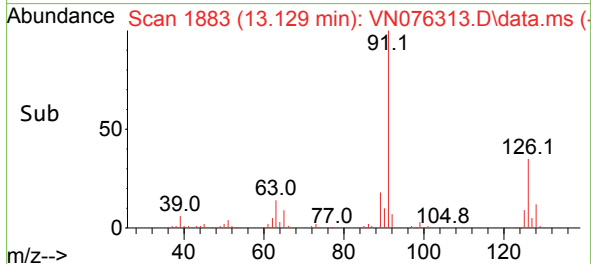
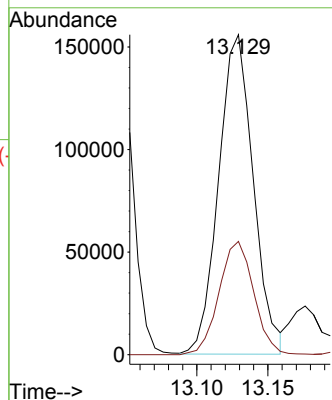
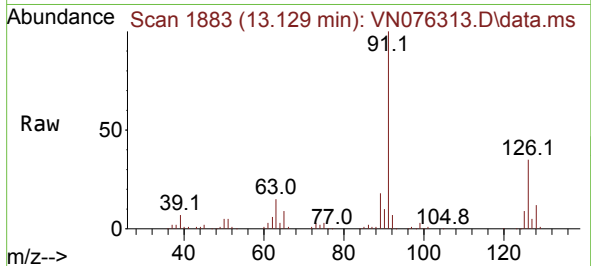




#79
2-Chlorotoluene
Concen: 18.563 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

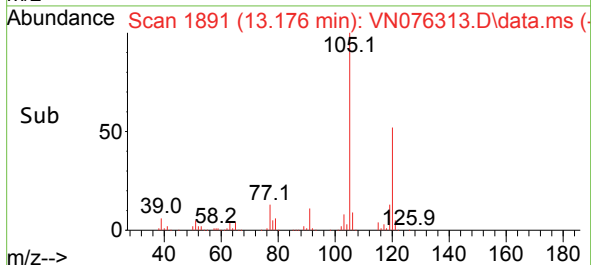
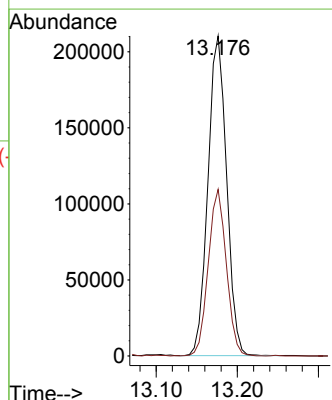
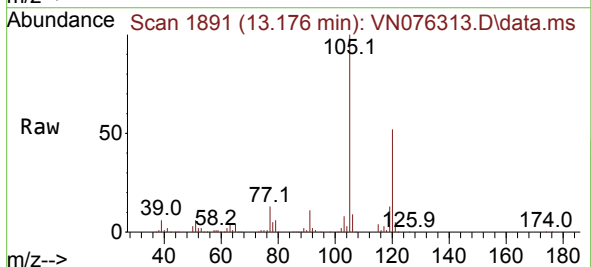
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

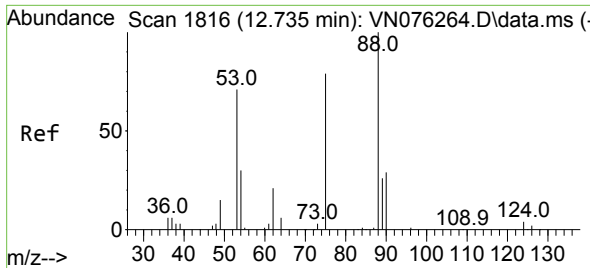
Tgt Ion: 91 Resp: 264593
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 19.451 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 105 Resp: 335455
Ion Ratio Lower Upper
105 100
120 50.5 25.0 75.0

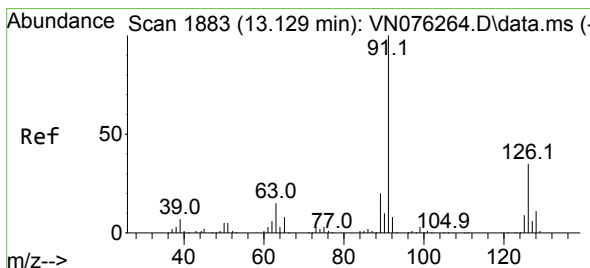
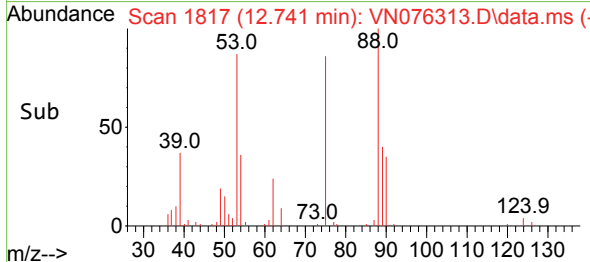
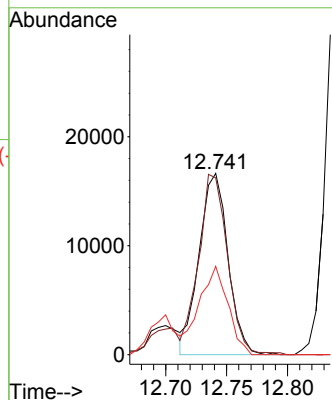
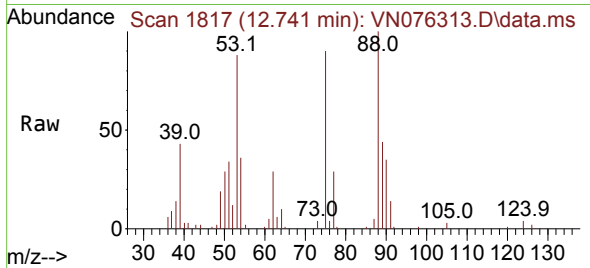




#81
trans-1,4-Dichloro-2-butene
Concen: 17.165 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

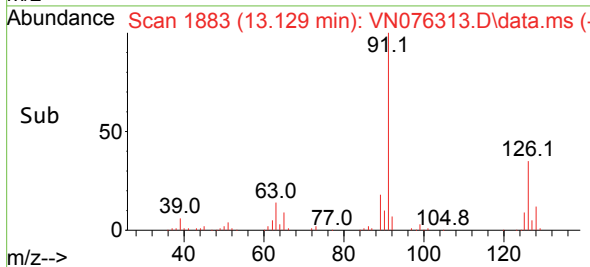
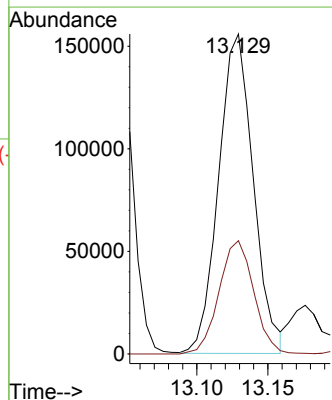
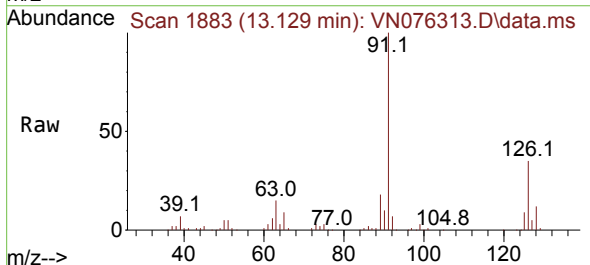
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

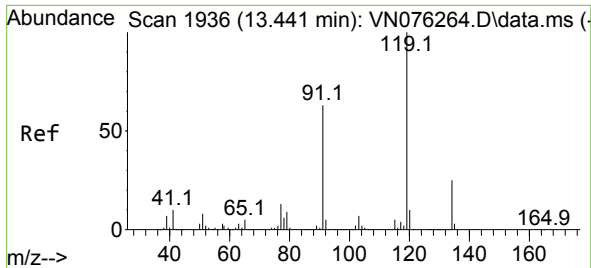
Tgt Ion: 75 Resp: 27453
Ion Ratio Lower Upper
75 100
53 99.8 75.8 113.8
89 48.9 37.0 55.6



#82
4-Chlorotoluene
Concen: 18.563 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion: 91 Resp: 264593
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2

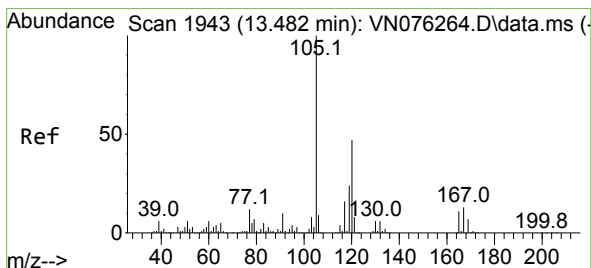
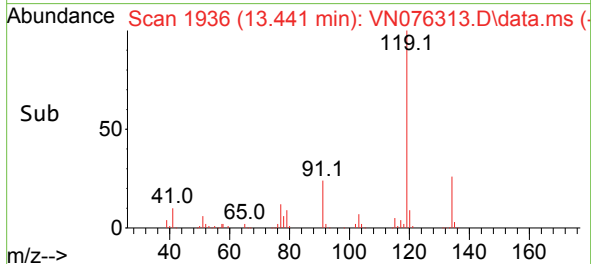
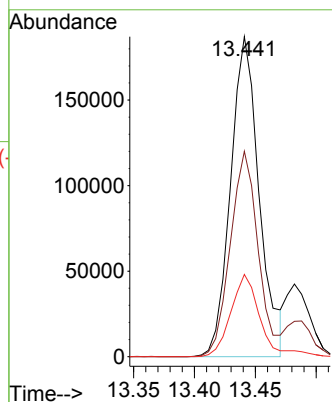
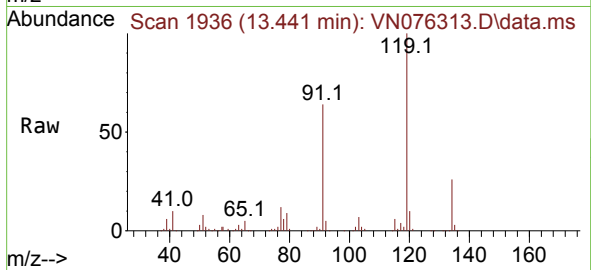




#83
tert-Butylbenzene
Concen: 19.943 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

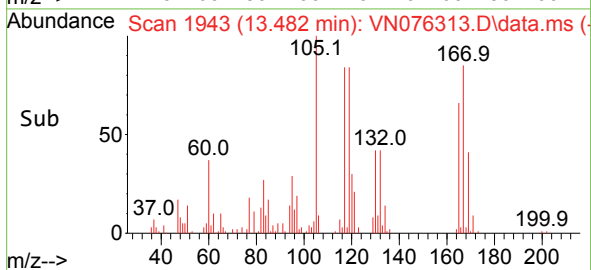
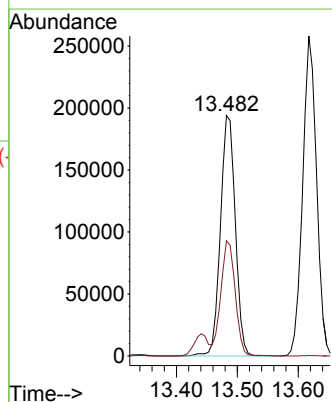
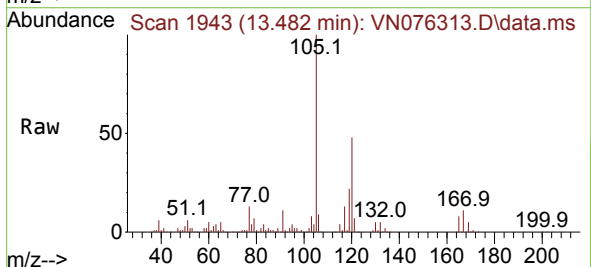
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

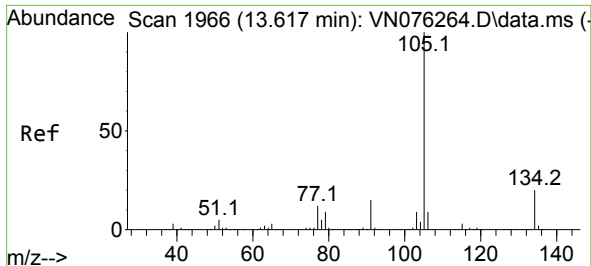
Tgt Ion:119 Resp: 305897
Ion Ratio Lower Upper
119 100
91 62.7 32.2 96.6
134 26.4 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.023 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion:105 Resp: 328962
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.5

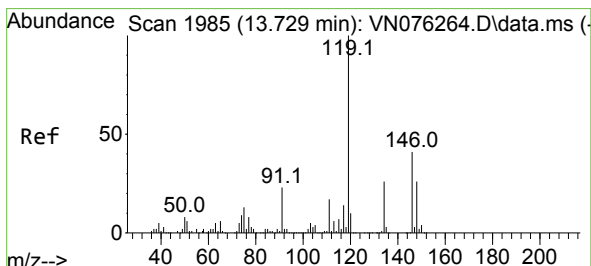
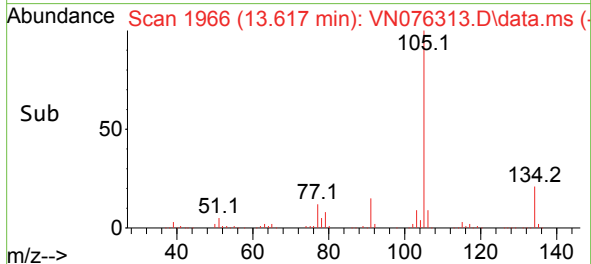
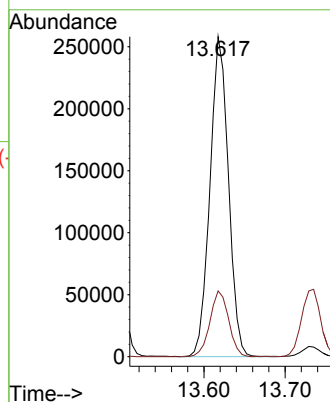
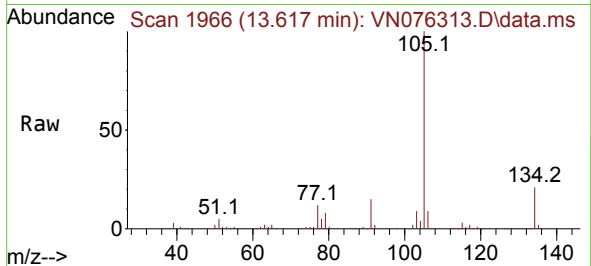




#85
 sec-Butylbenzene
 Concen: 19.161 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076313.D
 Acq: 19 Jan 2023 11:08

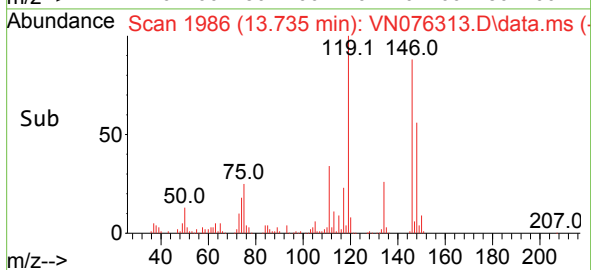
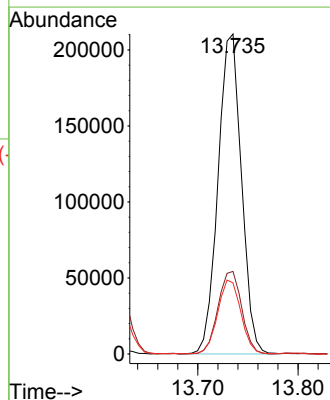
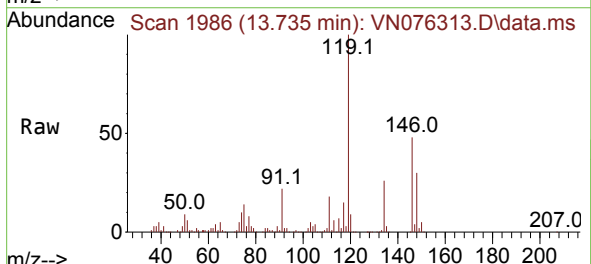
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01

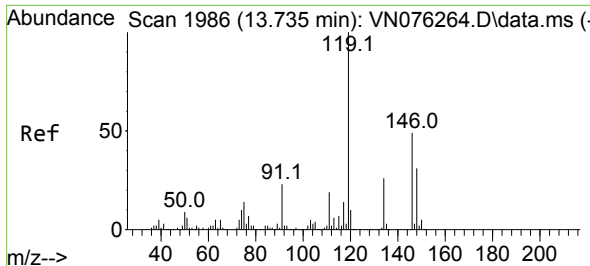
Tgt Ion:105 Resp: 407832
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.490 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076313.D
 Acq: 19 Jan 2023 11:08

Tgt Ion:119 Resp: 341115
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 22.7 11.8 35.3

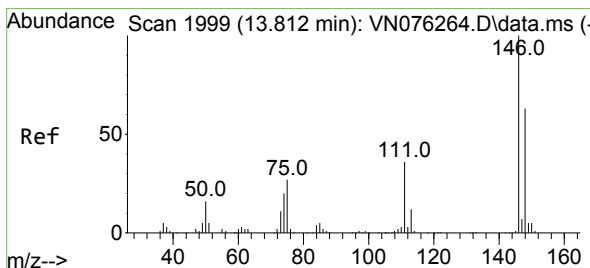
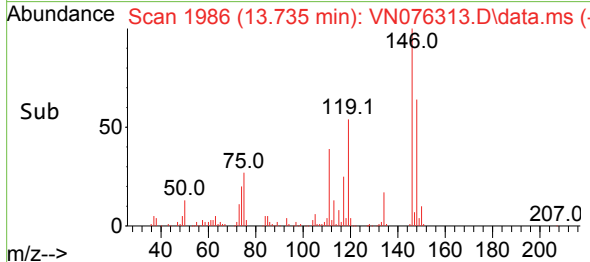
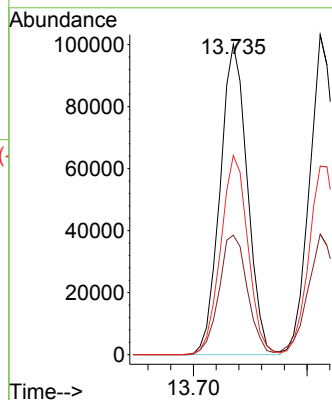
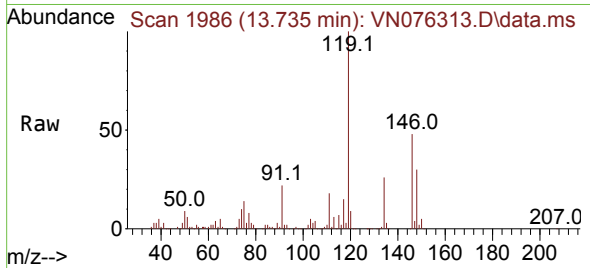




#87
 1,3-Dichlorobenzene
 Concen: 17.214 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076313.D
 Acq: 19 Jan 2023 11:08

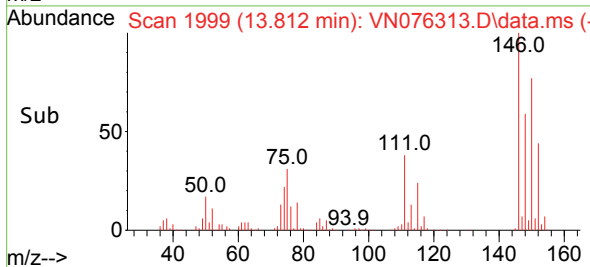
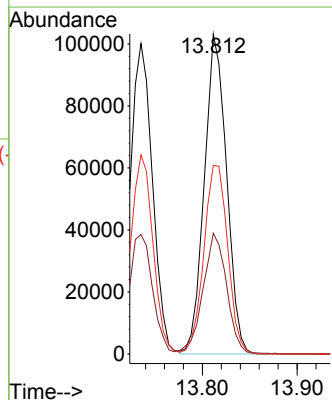
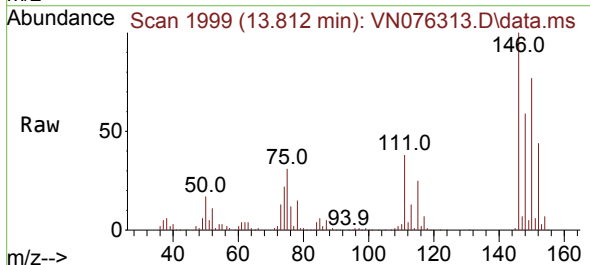
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01

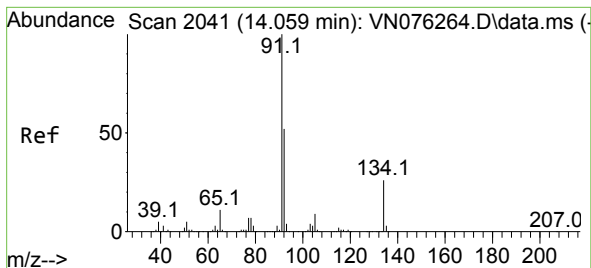
Tgt Ion:146 Resp: 167019
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.7
 148 64.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 18.309 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076313.D
 Acq: 19 Jan 2023 11:08

Tgt Ion:146 Resp: 168399
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.1 57.5
 148 63.3 31.9 95.9





#89

n-Butylbenzene

Concen: 18.305 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01

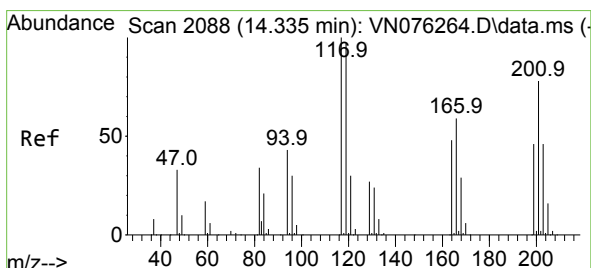
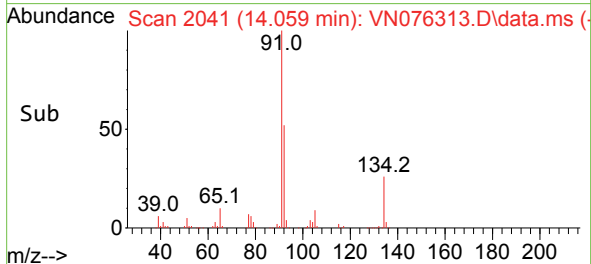
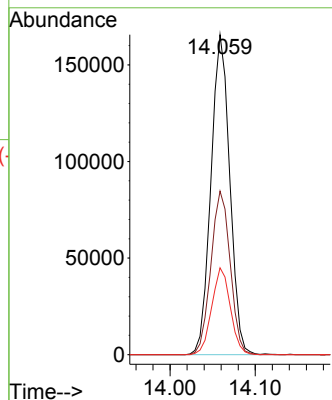
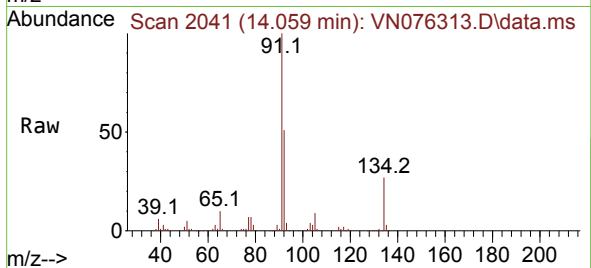
Tgt Ion: 91 Resp: 254322

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

134 26.8 13.2 39.5



#90

Hexachloroethane

Concen: 18.519 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076313.D

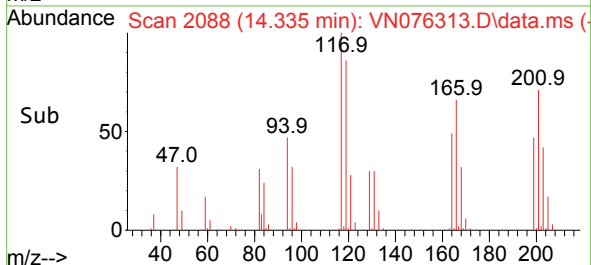
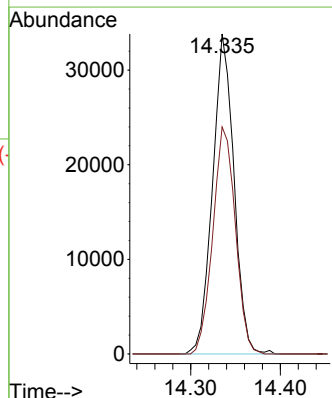
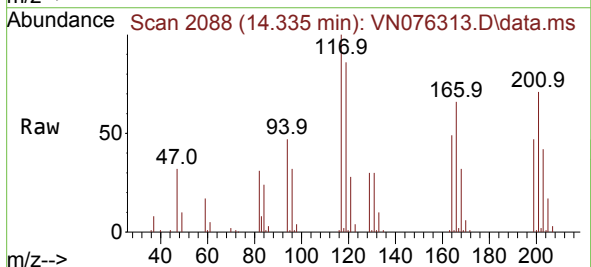
Acq: 19 Jan 2023 11:08

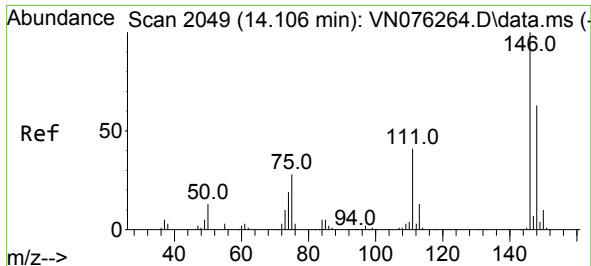
Tgt Ion: 117 Resp: 55940

Ion Ratio Lower Upper

117 100

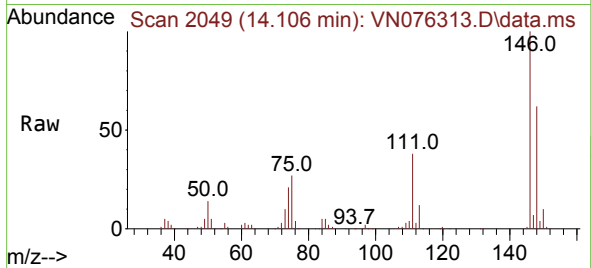
201 74.7 37.3 111.9



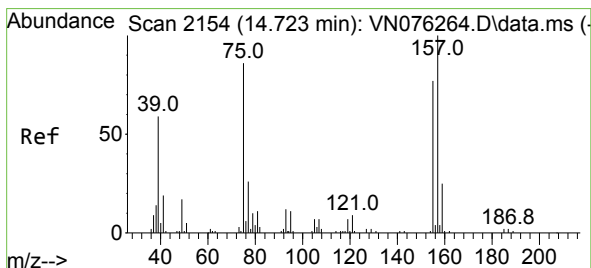
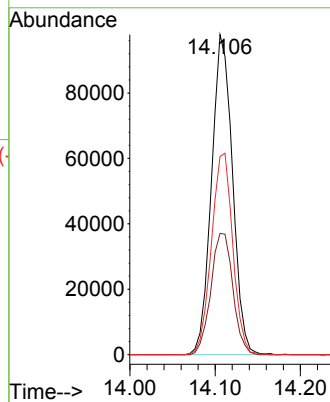
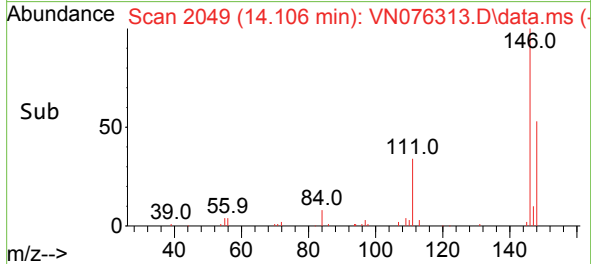


#91
1,2-Dichlorobenzene
Concen: 17.307 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

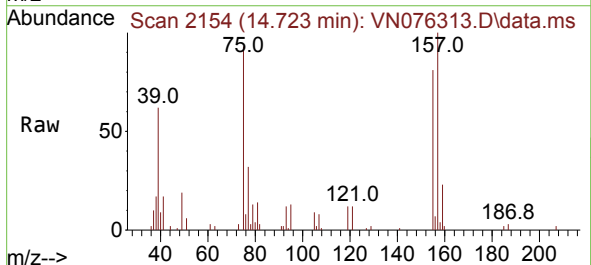
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



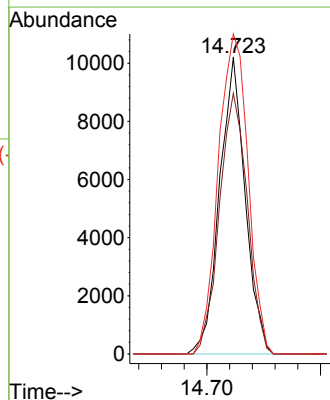
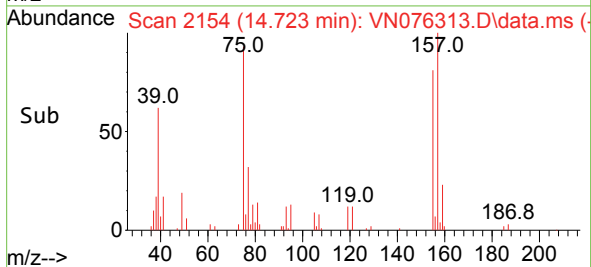
Tgt Ion:146 Resp: 167258
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.8
148 64.1 31.8 95.4

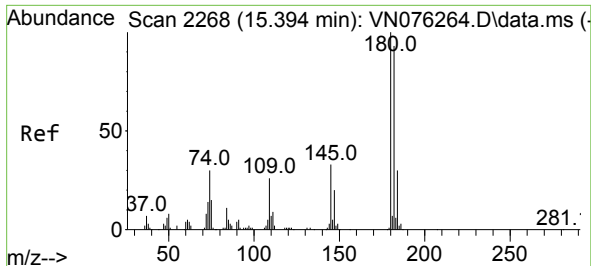


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.539 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08



Tgt Ion: 75 Resp: 15985
Ion Ratio Lower Upper
75 100
155 95.5 45.0 135.0
157 125.3 58.3 174.9

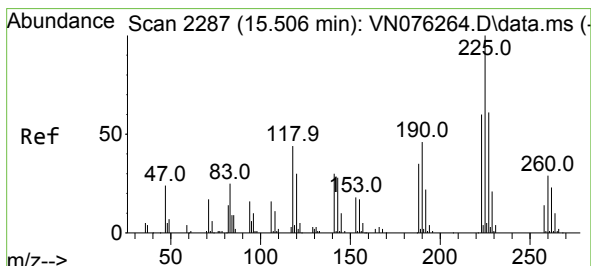
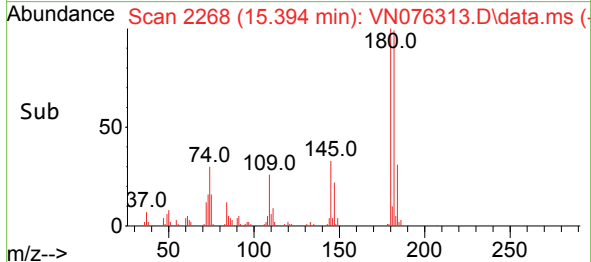
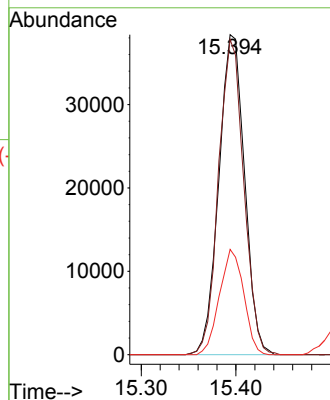
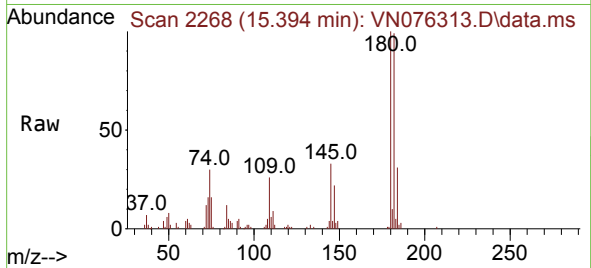




#93
1,2,4-Trichlorobenzene
Concen: 16.428 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

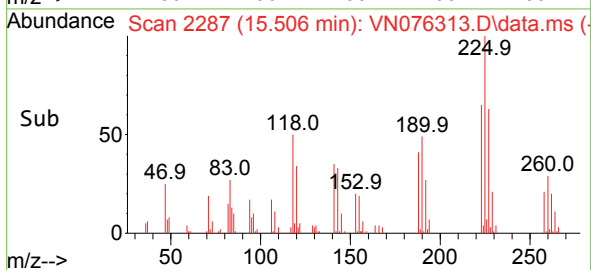
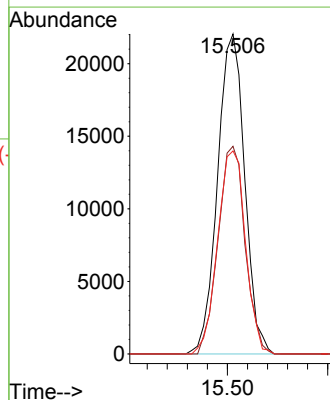
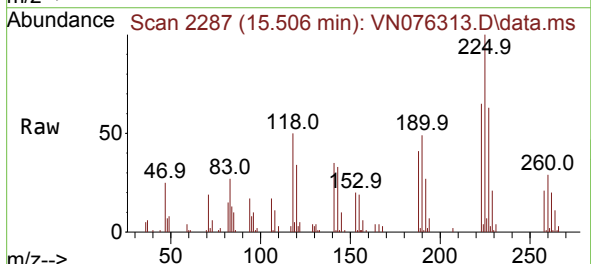
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

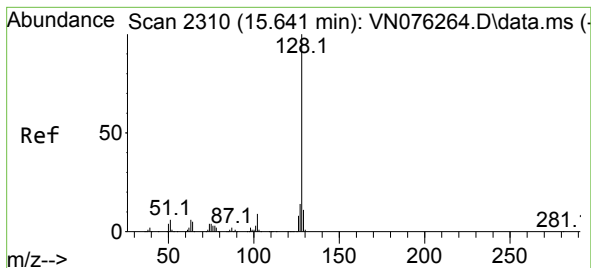
Tgt Ion:180 Resp: 72509
Ion Ratio Lower Upper
180 100
182 96.2 47.0 141.2
145 30.9 15.2 45.5



#94
Hexachlorobutadiene
Concen: 16.163 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076313.D
Acq: 19 Jan 2023 11:08

Tgt Ion:225 Resp: 41449
Ion Ratio Lower Upper
225 100
223 64.7 30.8 92.3
227 65.0 30.9 92.8





#95

Naphthalene

Concen: 16.089 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01

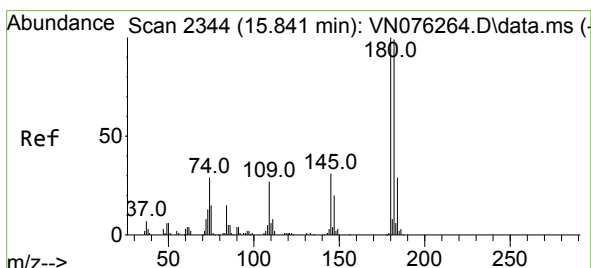
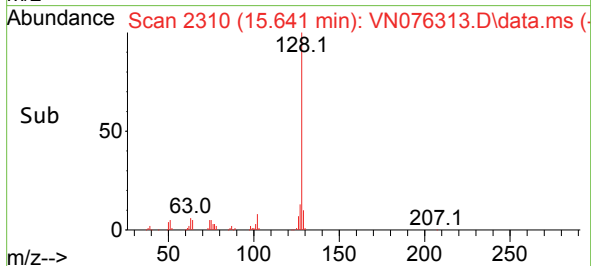
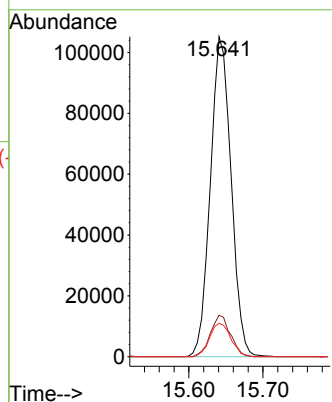
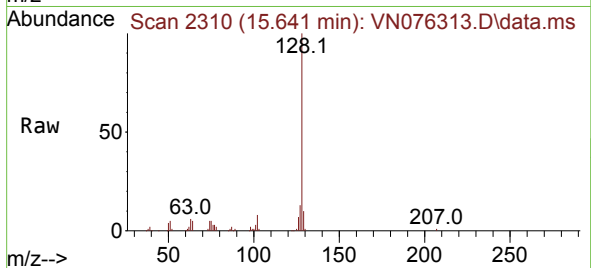
Tgt Ion:128 Resp: 204540

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.551 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076313.D

Acq: 19 Jan 2023 11:08

Tgt Ion:180 Resp: 70151

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.5

145 31.1 15.9 47.6

