

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076478.D
 Acq On : 31 Jan 2023 11:12
 Operator : JC\MD
 Sample : VN0131WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

Quant Time: Feb 01 00:44:53 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	8.229	168	370371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	603864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	551159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	258906	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	231762	55.887	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.780%	
35) Dibromofluoromethane	8.177	113	195521	51.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.520%	
50) Toluene-d8	10.570	98	701771	50.305	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.853	95	249013	54.678	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	67926	17.897	ug/l	96
3) Chloromethane	2.371	50	92246	23.474	ug/l	96
4) Vinyl Chloride	2.530	62	99529	20.656	ug/l	99
5) Bromomethane	2.971	94	64811	16.425	ug/l	98
6) Chloroethane	3.130	64	61171	16.930	ug/l	96
7) Trichlorofluoromethane	3.518	101	126234	19.042	ug/l	98
8) Diethyl Ether	3.977	74	44049	19.811	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	71406	19.028	ug/l	97
10) Methyl Iodide	4.600	142	101633	17.730	ug/l	94
11) Tert butyl alcohol	5.541	59	53508	96.465	ug/l	100
12) 1,1-Dichloroethene	4.359	96	62390	17.587	ug/l	85
13) Acrolein	4.194	56	55359	83.453	ug/l	100
14) Allyl chloride	5.041	41	88275	21.353	ug/l	88
15) Acrylonitrile	5.736	53	160224	101.506	ug/l	98
16) Acetone	4.441	43	150073	112.848	ug/l	100
17) Carbon Disulfide	4.724	76	134675	15.247	ug/l	99
18) Methyl Acetate	5.041	43	90995	20.197	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	233152	20.188	ug/l	98
20) Methylene Chloride	5.288	84	76554	19.088	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	66481	17.299	ug/l	99
22) Diisopropyl ether	6.683	45	206622	21.194	ug/l	98
23) Vinyl Acetate	6.612	43	646320	102.578	ug/l	99
24) 1,1-Dichloroethane	6.582	63	129519	19.931	ug/l	94
25) 2-Butanone	7.494	43	210350	103.601	ug/l	92
26) 2,2-Dichloropropane	7.500	77	109637	20.017	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	85227	19.014	ug/l	97
28) Bromochloromethane	7.818	49	66134	25.108	ug/l	94
29) Tetrahydrofuran	7.847	42	127940	102.097	ug/l	98
30) Chloroform	7.977	83	148668	20.675	ug/l	93
31) Cyclohexane	8.265	56	106892	16.779	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	129318	19.698	ug/l	98
36) 1,1-Dichloropropene	8.382	75	98115	18.279	ug/l	99
37) Ethyl Acetate	7.565	43	82659	19.222	ug/l	98
38) Carbon Tetrachloride	8.371	117	116102	19.396	ug/l	99
39) Methylcyclohexane	9.606	83	115920	17.685	ug/l	96
40) Benzene	8.612	78	299343	18.651	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	44580	19.776	ug/l	97
42) 1,2-Dichloroethane	8.676	62	113894	20.740	ug/l	98
43) Isopropyl Acetate	8.694	43	141342	20.180	ug/l	99
44) Trichloroethene	9.359	130	80544	17.743	ug/l	99
45) 1,2-Dichloropropane	9.623	63	76596	19.933	ug/l	97
46) Dibromomethane	9.712	93	58285	20.089	ug/l	97
47) Bromodichloromethane	9.894	83	117656	20.909	ug/l	94
48) Methyl methacrylate	9.682	41	67857	20.465	ug/l	93
49) 1,4-Dioxane	9.700	88	27885	398.559	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	429763	104.525	ug/l	98
52) Toluene	10.635	92	201735	18.795	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	112543	20.980	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	121041	19.613	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	84336	20.557	ug/l	99
56) Ethyl methacrylate	10.876	69	111254	21.005	ug/l	98
57) 1,3-Dichloropropane	11.165	76	136564	20.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	141581	79.180	ug/l	98
59) 2-Hexanone	11.200	43	312061	104.737	ug/l	98
60) Dibromochloromethane	11.359	129	89024	20.613	ug/l	98
61) 1,2-Dibromoethane	11.470	107	81911	20.002	ug/l	99
64) Tetrachloroethene	11.106	164	85464	17.195	ug/l	98
65) Chlorobenzene	11.894	112	216945	18.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	84963	19.600	ug/l	99
67) Ethyl Benzene	11.964	91	386394	19.378	ug/l	98
68) m/p-Xylenes	12.076	106	305855	38.252	ug/l	97
69) o-Xylene	12.400	106	149217	19.003	ug/l	95
70) Styrene	12.412	104	244699	19.517	ug/l	98
71) Bromoform	12.582	173	62385	19.928	ug/l #	99
73) Isopropylbenzene	12.700	105	394270	19.685	ug/l	100
74) N-amyl acetate	12.494	43	118663	20.596	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	116101	20.164	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	140479	29.393	ug/l	86
77) Bromobenzene	12.982	156	93733	19.676	ug/l	95
78) n-propylbenzene	13.041	91	448954	19.866	ug/l	100
79) 2-Chlorotoluene	13.129	91	275313	19.853	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	337725	20.127	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28937	18.596	ug/l	90
82) 4-Chlorotoluene	13.129	91	275313	19.853	ug/l	100
83) tert-Butylbenzene	13.441	119	305548	20.474	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	340544	20.240	ug/l	99
85) sec-Butylbenzene	13.617	105	411439	19.868	ug/l	99
86) p-Isopropyltoluene	13.729	119	343264	20.158	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	168359	17.834	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	168888	18.870	ug/l	98
89) n-Butylbenzene	14.058	91	264399	19.559	ug/l	99
90) Hexachloroethane	14.335	117	57322	19.504	ug/l	95
91) 1,2-Dichlorobenzene	14.111	146	170114	18.092	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19914	19.897	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	76311	17.663	ug/l	100
94) Hexachlorobutadiene	15.505	225	43363	17.379	ug/l	98
95) Naphthalene	15.641	128	211058	16.951	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	72814	17.580	ug/l	98

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QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

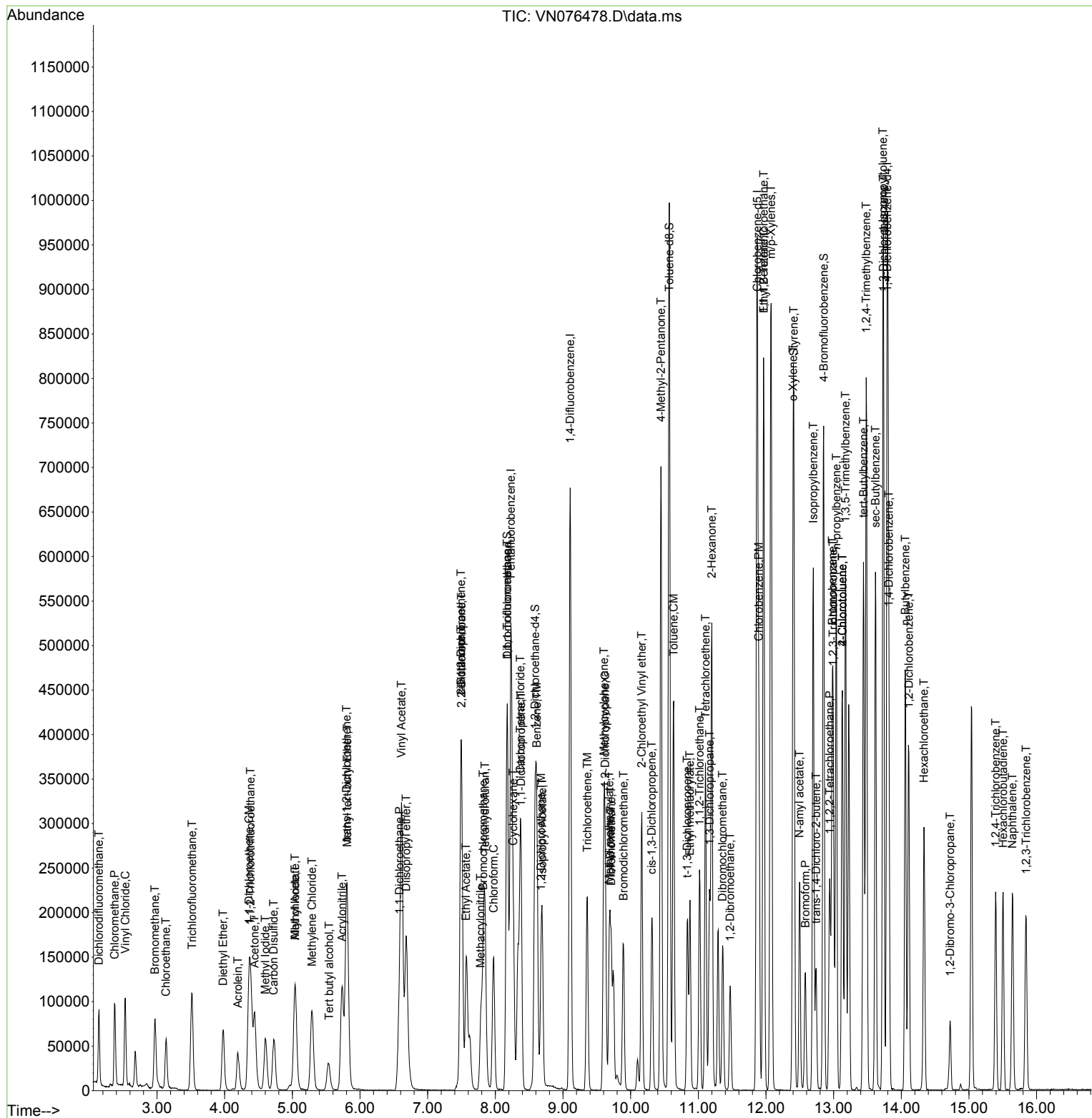
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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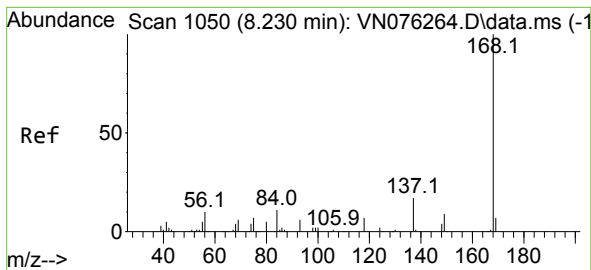
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. -0.001 min

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MSVOA_N

ClientSampleId :

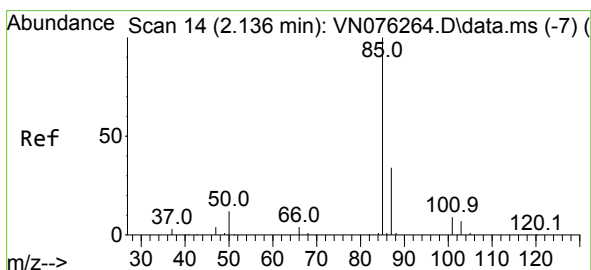
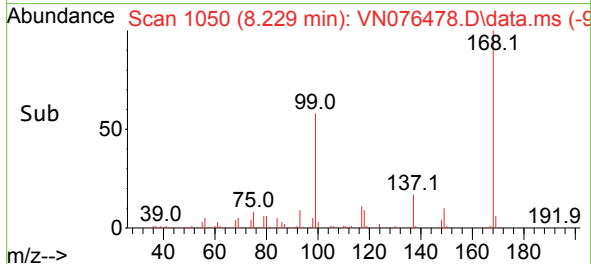
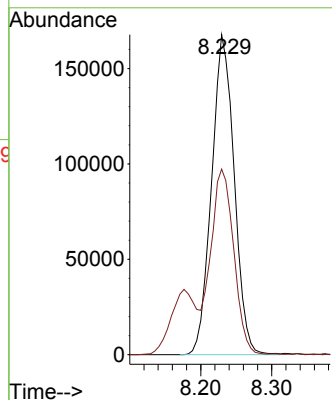
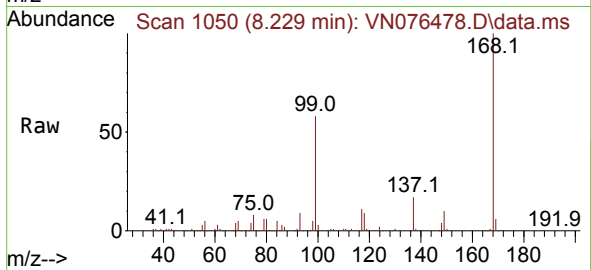
VN0131WBSD01

Tgt Ion:168 Resp: 370371

Ion Ratio Lower Upper

168 100

99 57.8 41.6 62.4



#2

Dichlorodifluoromethane

Concen: 17.897 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076478.D

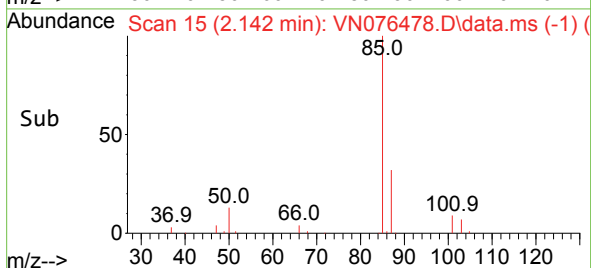
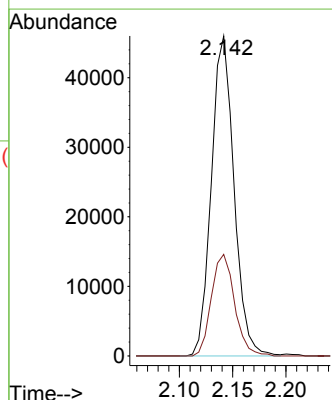
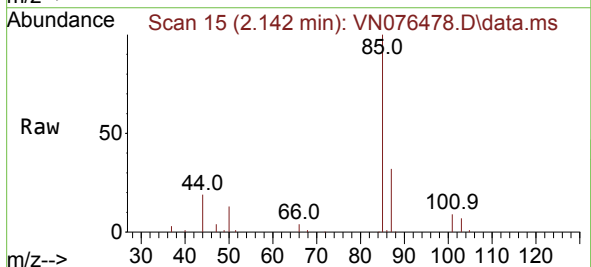
Acq: 31 Jan 2023 11:12

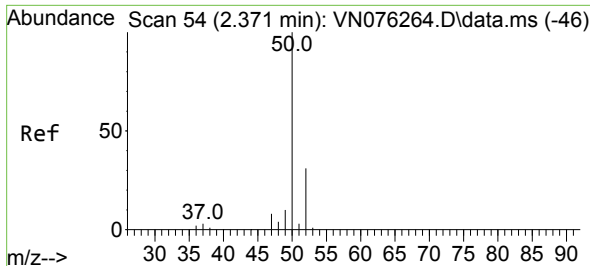
Tgt Ion: 85 Resp: 67926

Ion Ratio Lower Upper

85 100

87 31.8 17.1 51.2

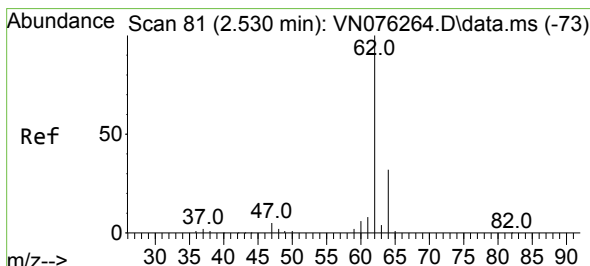
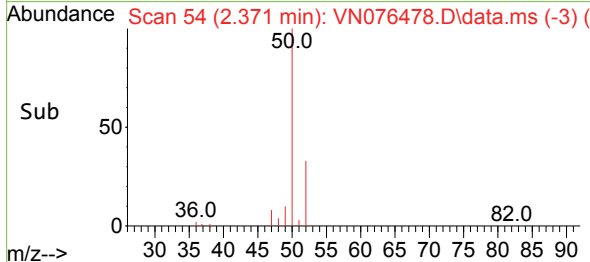
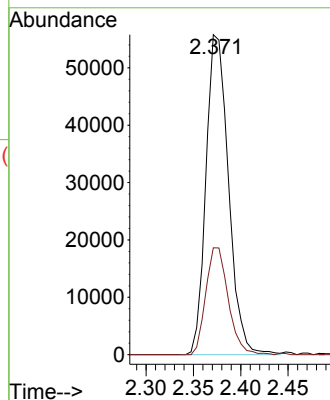
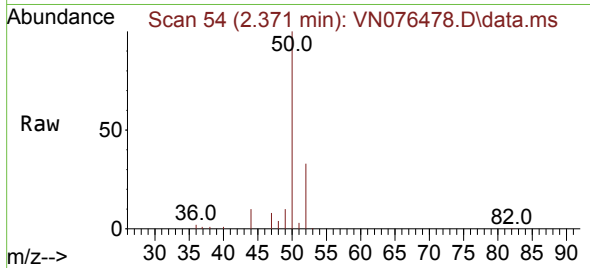




#3
Chloromethane
Concen: 23.474 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076478.D
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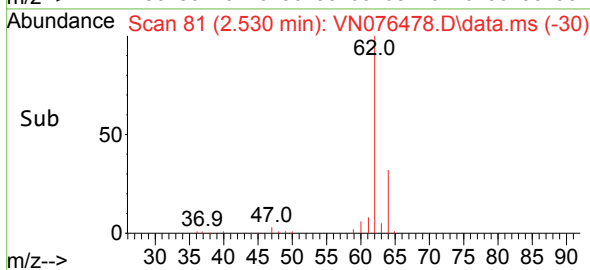
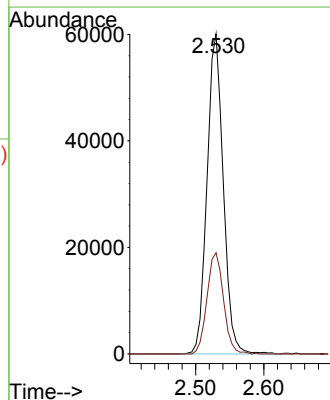
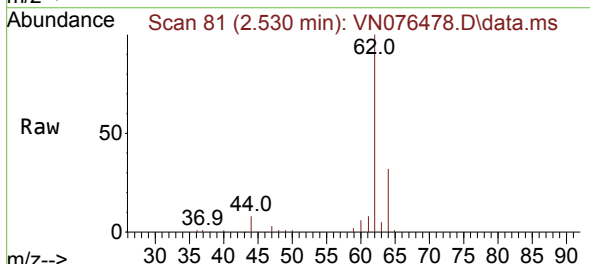
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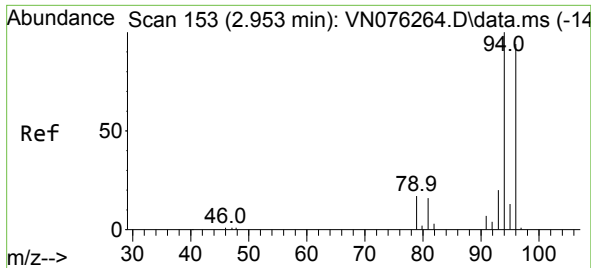
Tgt Ion: 50 Resp: 92246
Ion Ratio Lower Upper
50 100
52 33.4 24.8 37.2



#4
Vinyl Chloride
Concen: 20.656 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 62 Resp: 99529
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6

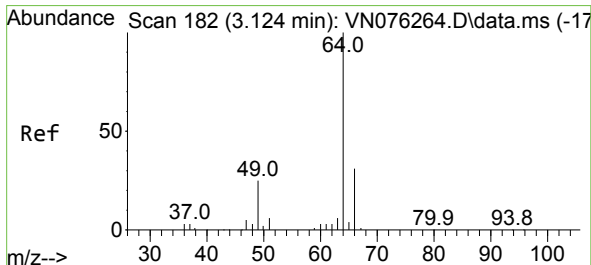
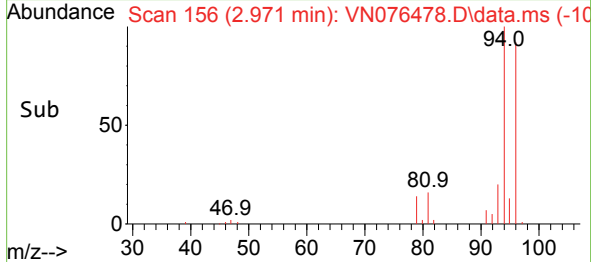
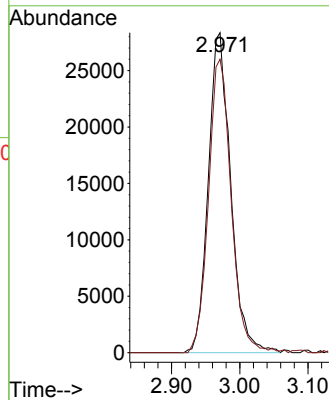
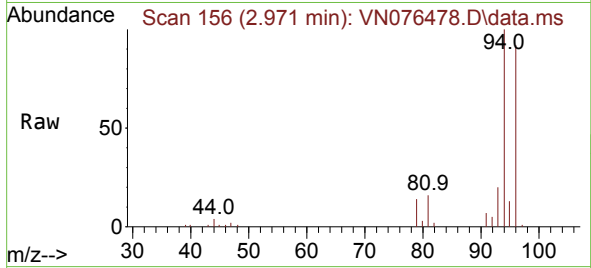




#5
Bromomethane
Concen: 16.425 ug/l
RT: 2.971 min Scan# 156
Delta R.T. 0.018 min
Lab File: VN076478.D
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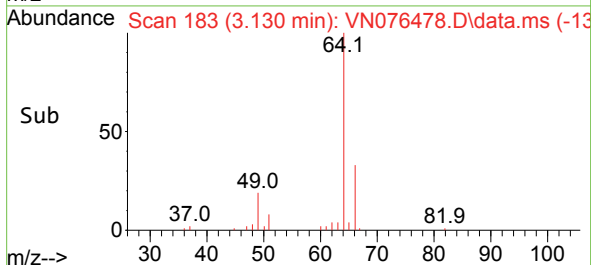
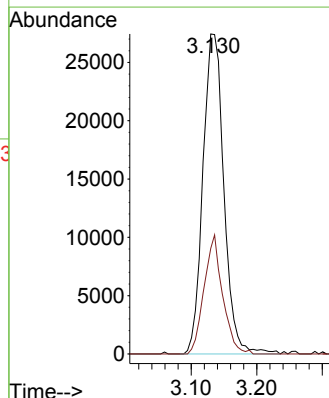
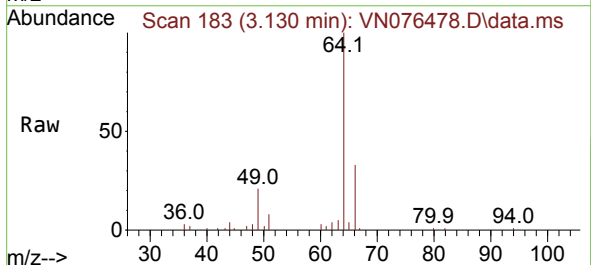
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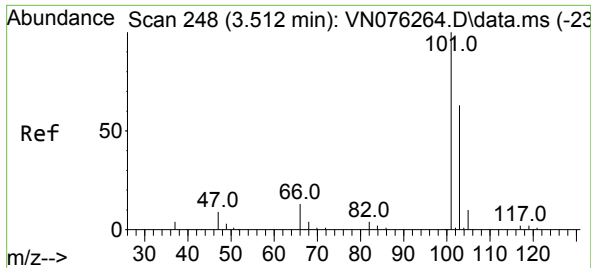
Tgt Ion: 94 Resp: 64811
Ion Ratio Lower Upper
94 100
96 91.7 75.1 112.7



#6
Chloroethane
Concen: 16.930 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076478.D
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Tgt Ion: 64 Resp: 61171
Ion Ratio Lower Upper
64 100
66 33.0 24.8 37.2

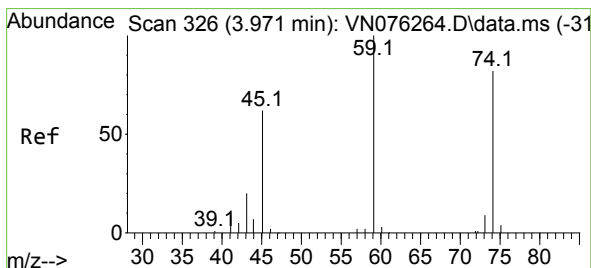
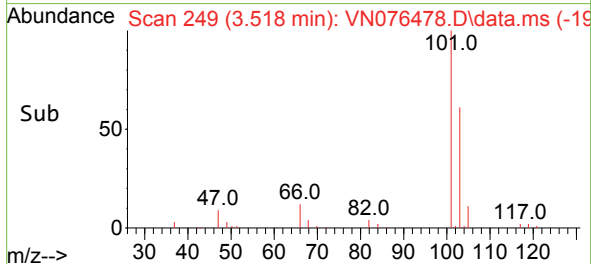
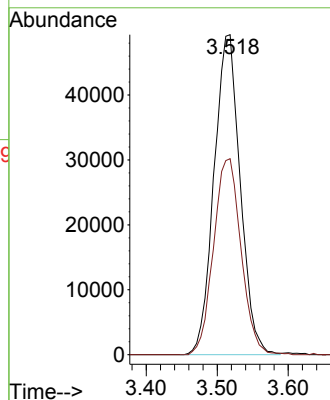
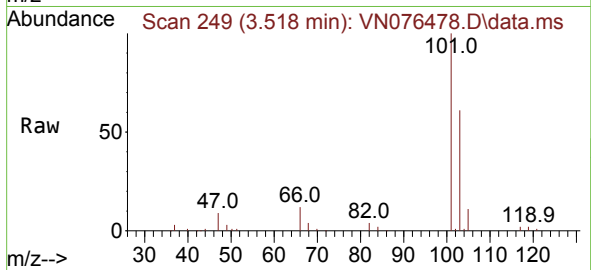




#7
Trichlorofluoromethane
Concen: 19.042 ug/l
RT: 3.518 min Scan# 248
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

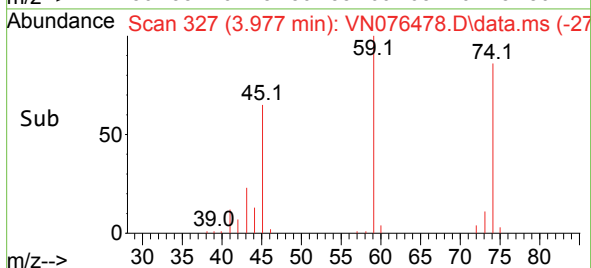
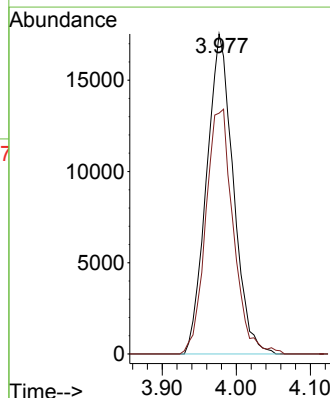
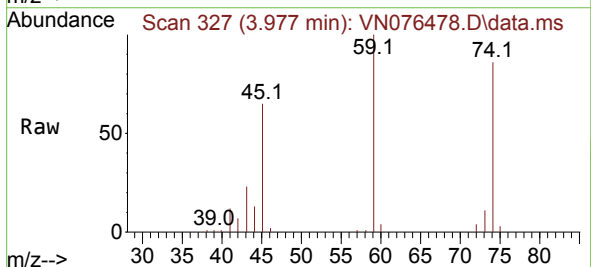
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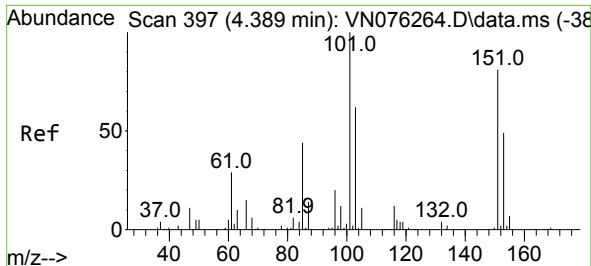
Tgt Ion:101 Resp: 126234
Ion Ratio Lower Upper
101 100
103 61.3 50.2 75.4



#8
Diethyl Ether
Concen: 19.811 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076478.D
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Tgt Ion: 74 Resp: 44049
Ion Ratio Lower Upper
74 100
45 78.9 37.8 113.3

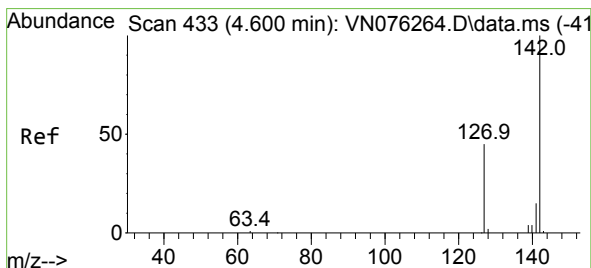
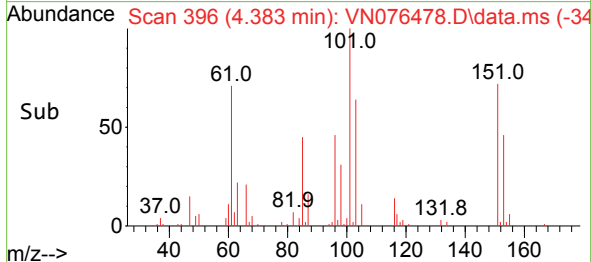
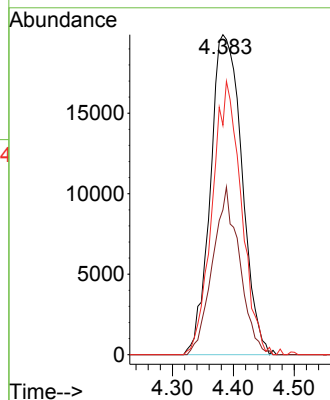
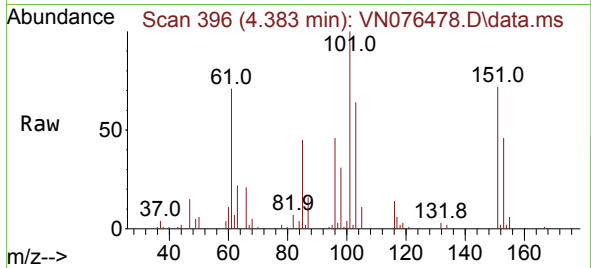




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.028 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

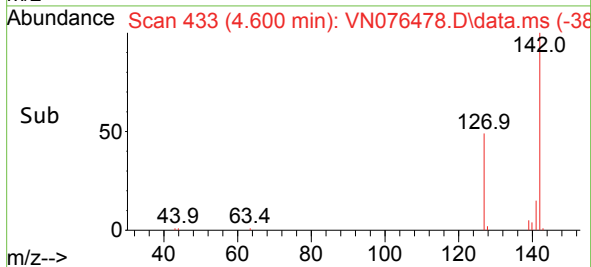
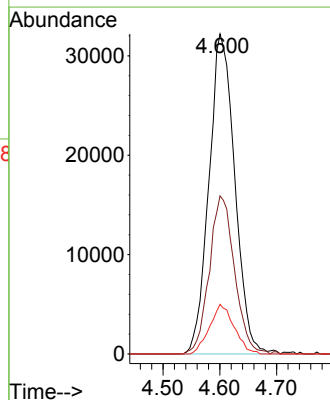
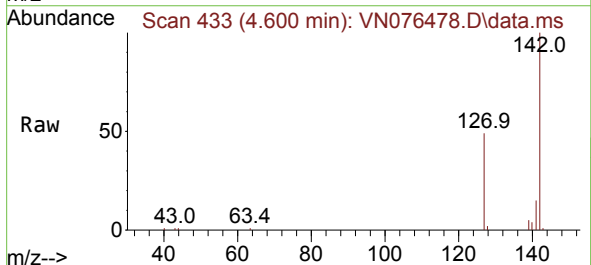
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

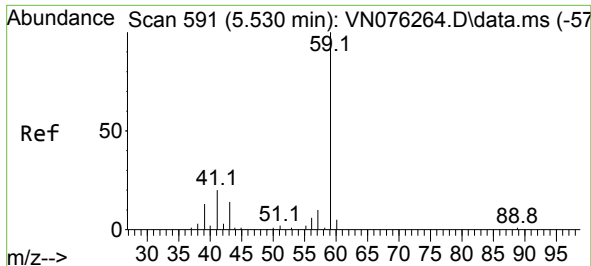
Tgt Ion:101 Resp: 71406
Ion Ratio Lower Upper
101 100
85 45.0 35.5 53.3
151 78.8 65.5 98.3



#10
Methyl Iodide
Concen: 17.730 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion:142 Resp: 101633
Ion Ratio Lower Upper
142 100
127 48.2 35.0 52.4
141 14.8 11.5 17.3

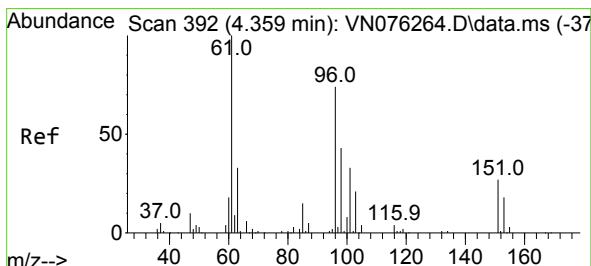
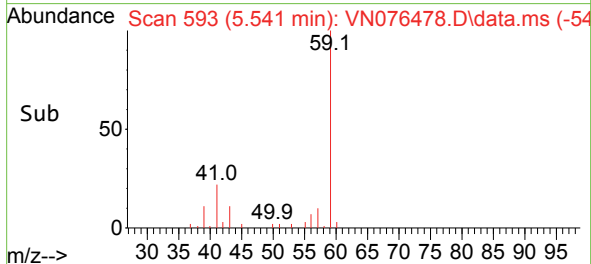
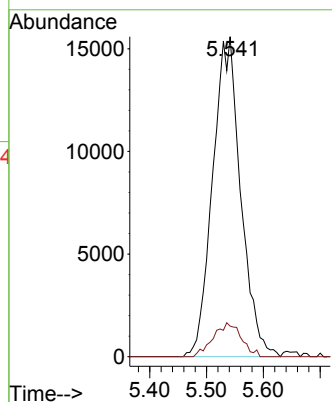
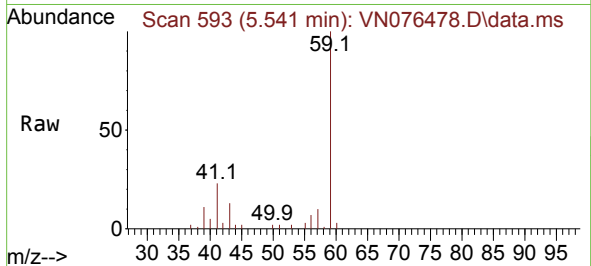




#11
Tert butyl alcohol
Concen: 96.465 ug/l
RT: 5.541 min Scan# 591
Delta R.T. 0.011 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

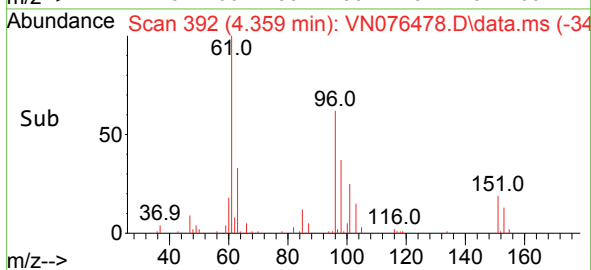
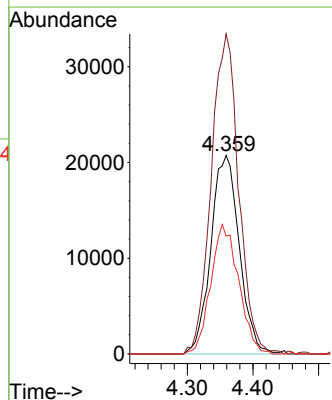
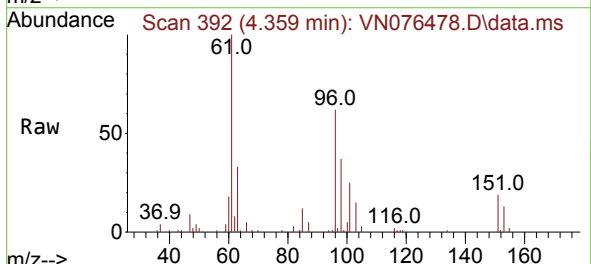
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

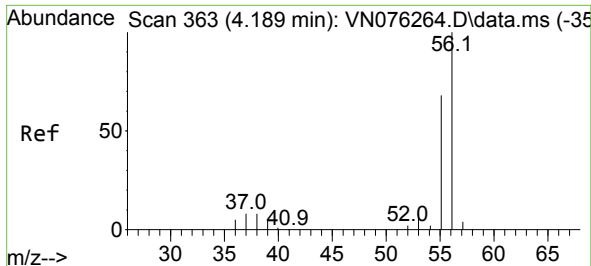
Tgt Ion: 59 Resp: 53508
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 17.587 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 96 Resp: 62390
Ion Ratio Lower Upper
96 100
61 161.2 108.2 162.4
98 59.4 47.0 70.6





#13

Acrolein

Concen: 83.453 ug/l

RT: 4.194 min Scan# 3

Delta R.T. 0.005 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

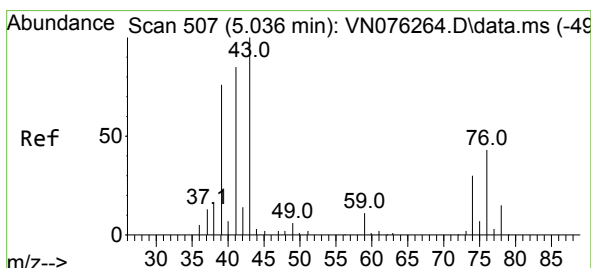
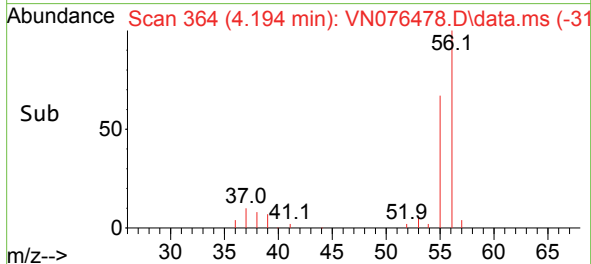
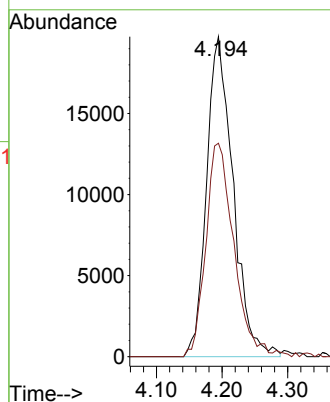
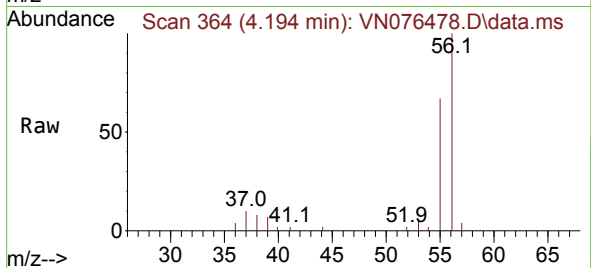
VN0131WBSD01

Tgt Ion: 56 Resp: 55359

Ion Ratio Lower Upper

56 100

55 70.0 55.8 83.6



#14

Allyl chloride

Concen: 21.353 ug/l

RT: 5.041 min Scan# 508

Delta R.T. 0.005 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

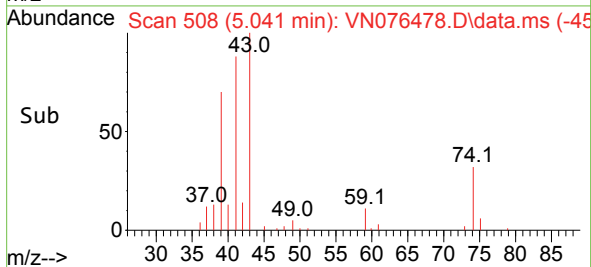
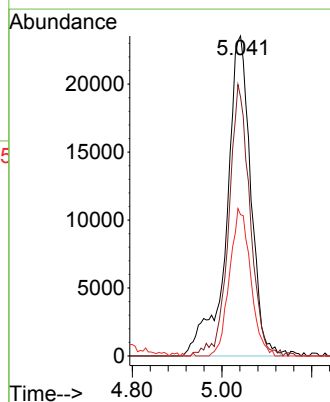
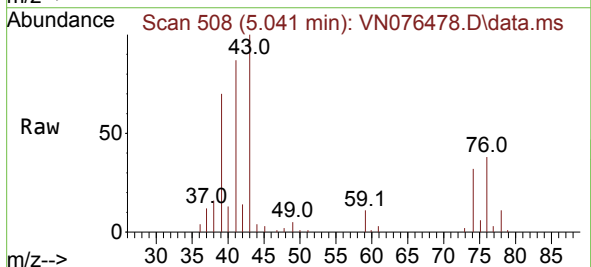
Tgt Ion: 41 Resp: 88275

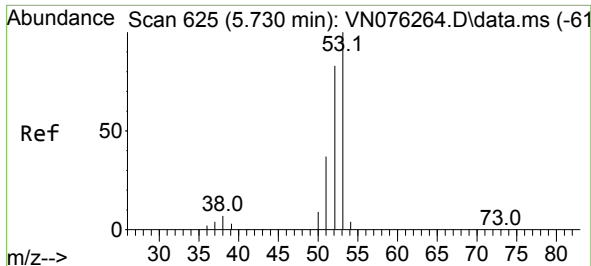
Ion Ratio Lower Upper

41 100

39 74.6 67.4 101.0

76 40.2 39.8 59.8

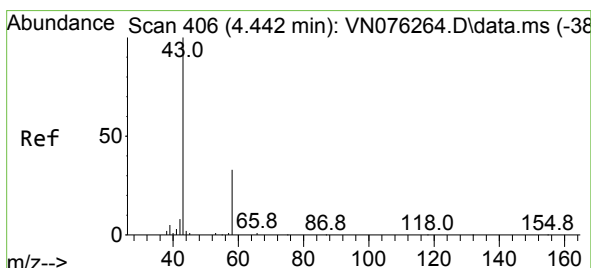
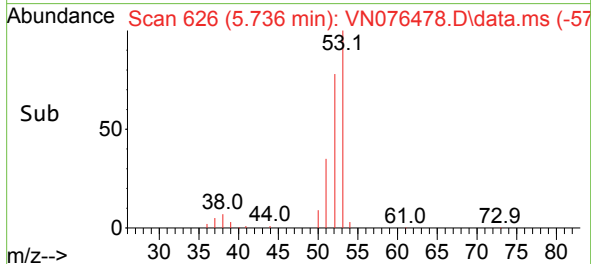
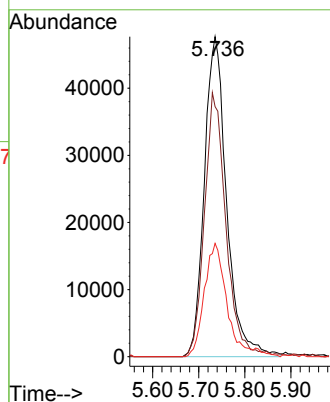
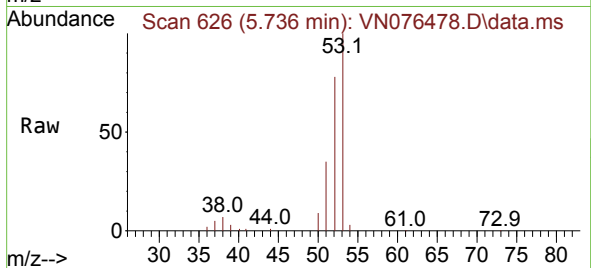




#15
Acrylonitrile
Concen: 101.506 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

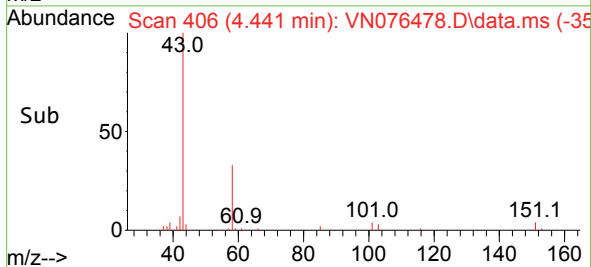
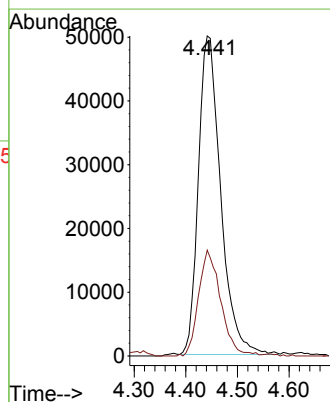
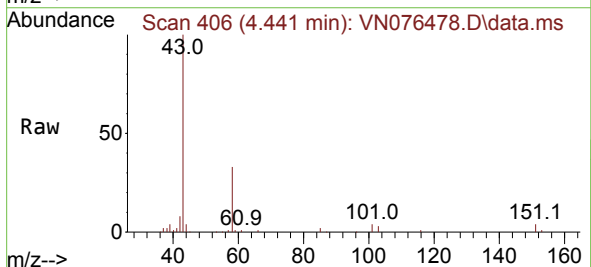
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

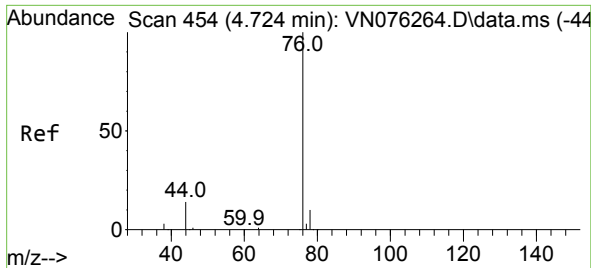
Tgt Ion: 53 Resp: 160224
Ion Ratio Lower Upper
53 100
52 79.4 64.7 97.1
51 35.2 29.2 43.8



#16
Acetone
Concen: 112.848 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.001 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 43 Resp: 150073
Ion Ratio Lower Upper
43 100
58 33.2 26.7 40.1

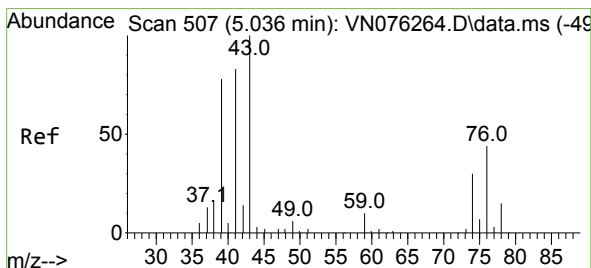
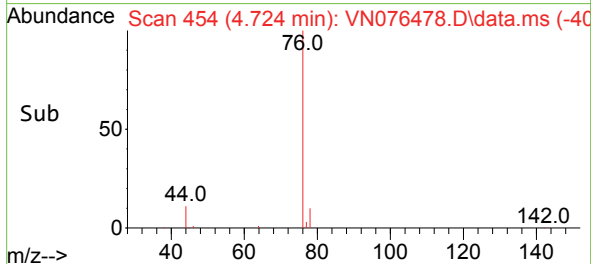
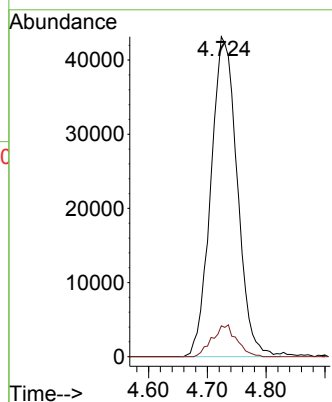
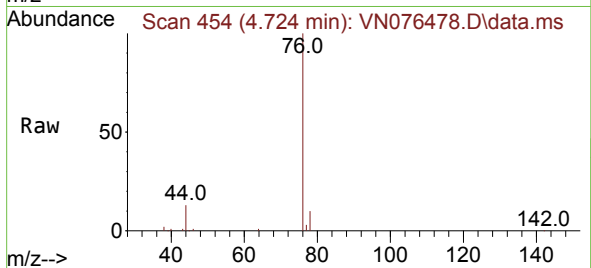




#17
Carbon Disulfide
Concen: 15.247 ug/l
RT: 4.724 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

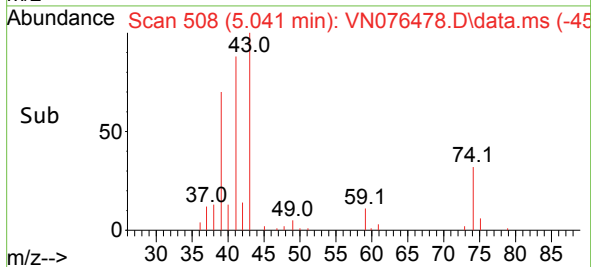
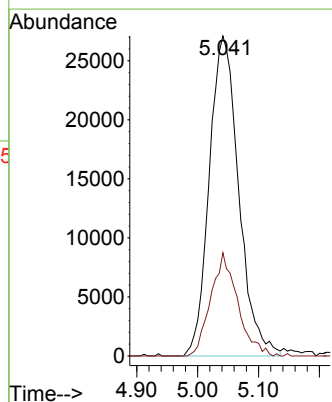
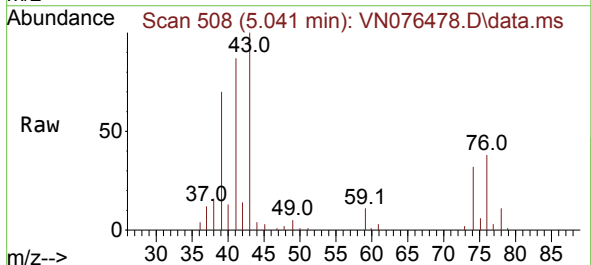
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

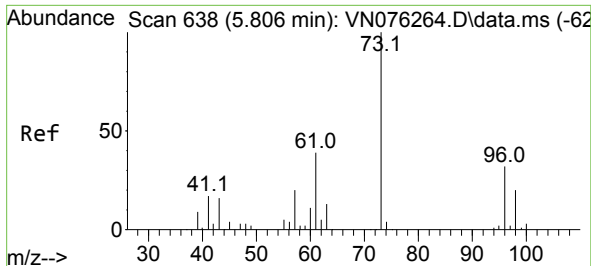
Tgt Ion: 76 Resp: 134675
Ion Ratio Lower Upper
76 100
78 9.7 8.0 12.0



#18
Methyl Acetate
Concen: 20.197 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 43 Resp: 90995
Ion Ratio Lower Upper
43 100
74 29.5 23.3 34.9

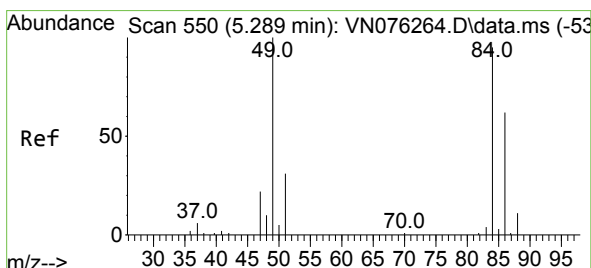
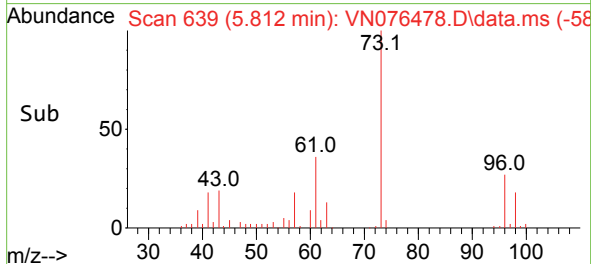
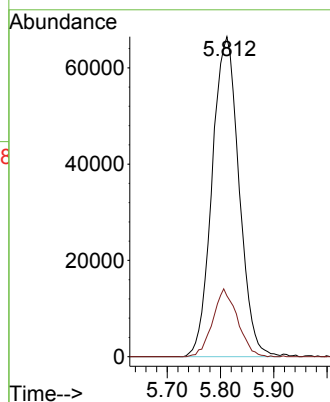
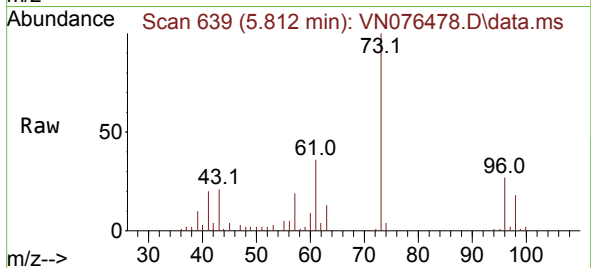




#19
Methyl tert-butyl Ether
Concen: 20.188 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

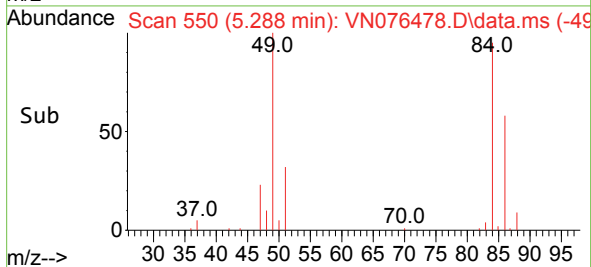
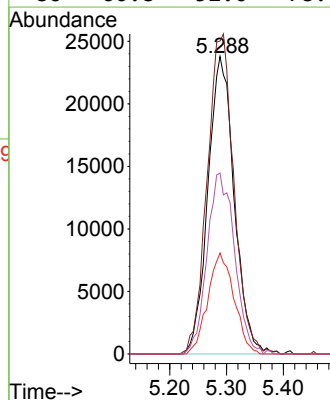
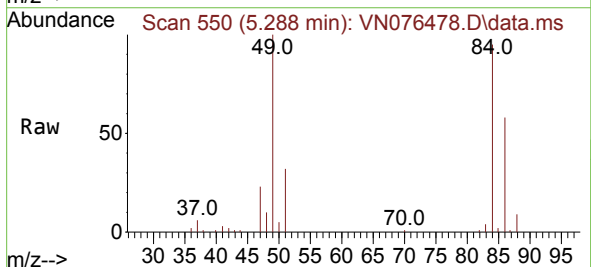
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

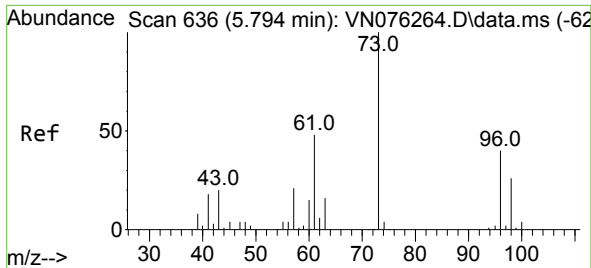
Tgt Ion: 73 Resp: 233152
Ion Ratio Lower Upper
73 100
57 19.0 15.9 23.9



#20
Methylene Chloride
Concen: 19.088 ug/l
RT: 5.288 min Scan# 550
Delta R.T. -0.001 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 84 Resp: 76554
Ion Ratio Lower Upper
84 100
49 105.2 84.5 126.7
51 33.9 26.0 39.0
86 60.8 52.0 78.0

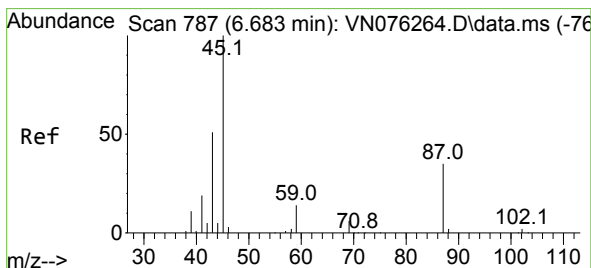
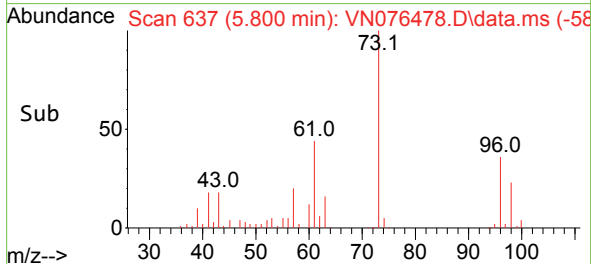
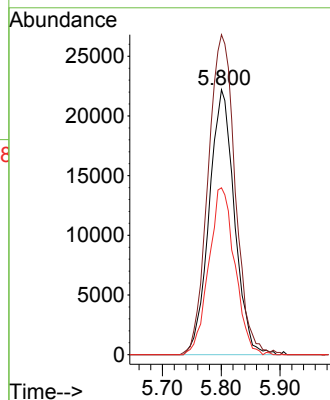
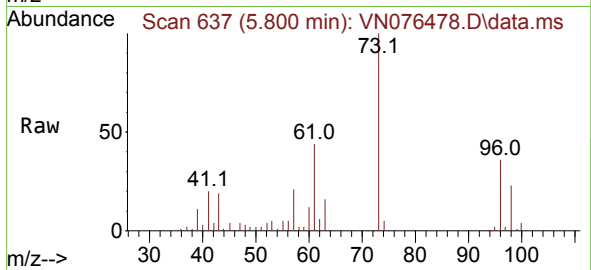




#21
trans-1,2-Dichloroethene
Concen: 17.299 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

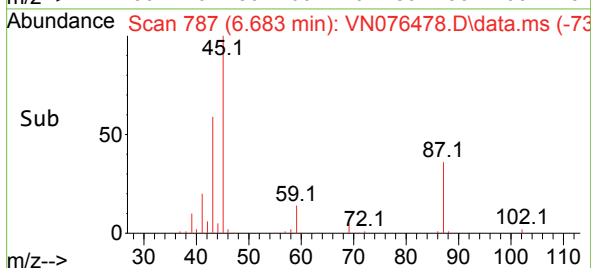
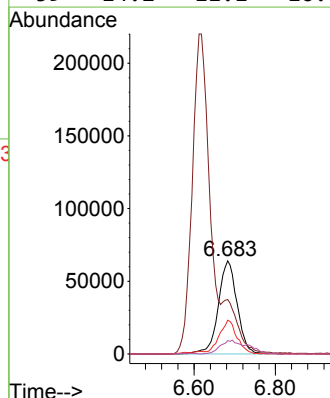
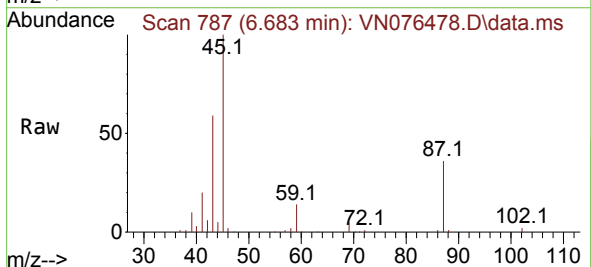
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

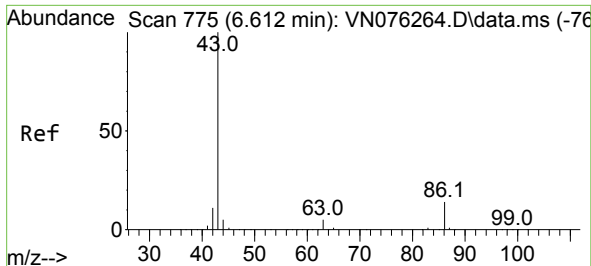
Tgt Ion: 96 Resp: 66481
Ion Ratio Lower Upper
96 100
61 120.8 97.0 145.4
98 63.0 51.9 77.9



#22
Diisopropyl ether
Concen: 21.194 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 45 Resp: 206622
Ion Ratio Lower Upper
45 100
43 57.2 44.4 66.6
87 36.2 28.4 42.6
59 14.2 11.1 16.7

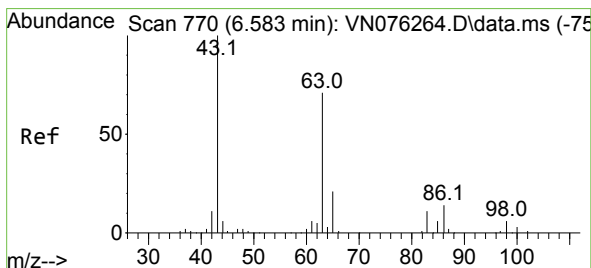
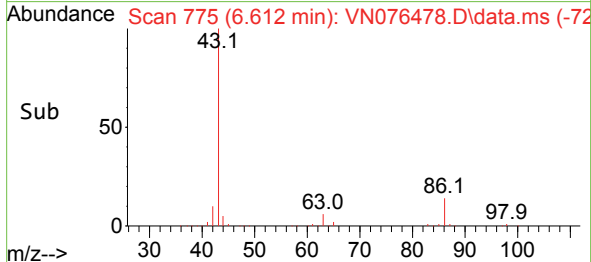
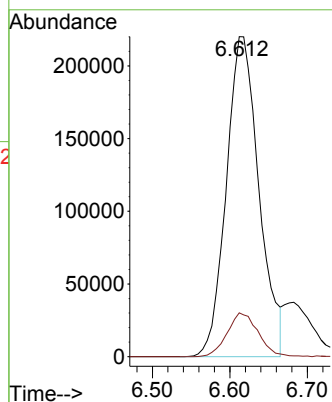
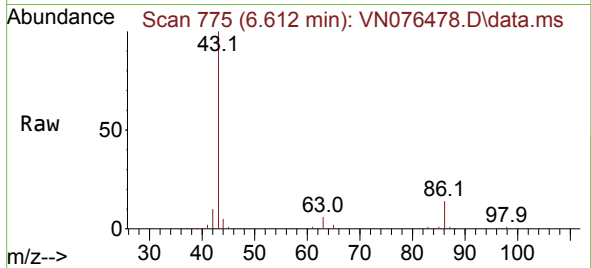




#23
 Vinyl Acetate
 Concen: 102.578 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

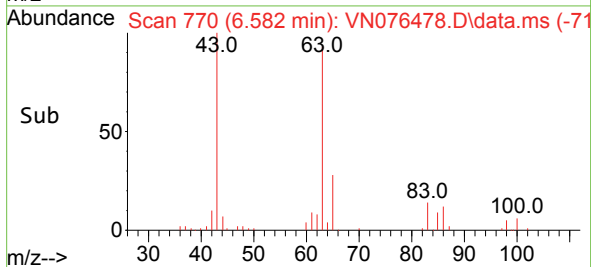
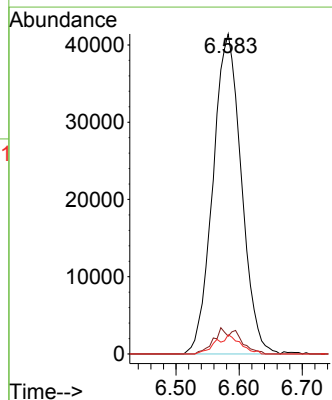
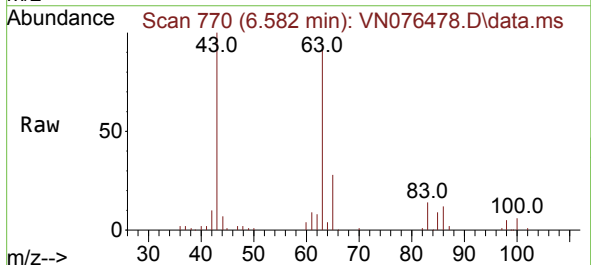
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

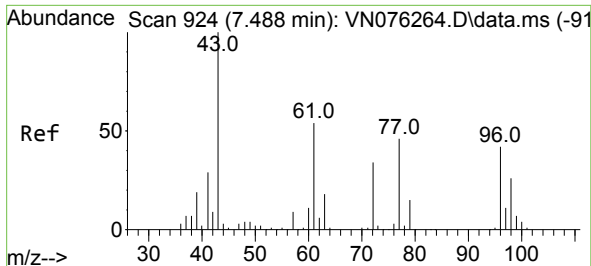
Tgt Ion: 43 Resp: 646320
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 19.931 ug/l
 RT: 6.582 min Scan# 770
 Delta R.T. -0.001 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

Tgt Ion: 63 Resp: 129519
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.9 11.7
 100 6.0 2.2 6.6





#25

2-Butanone

Concen: 103.601 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

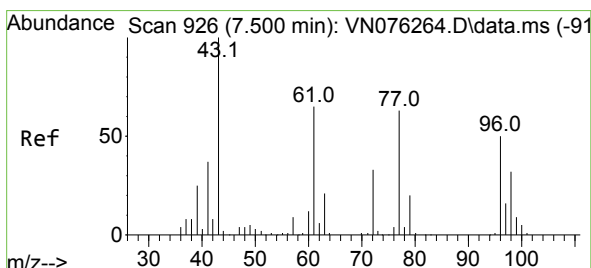
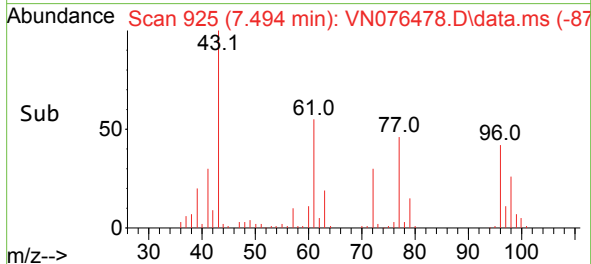
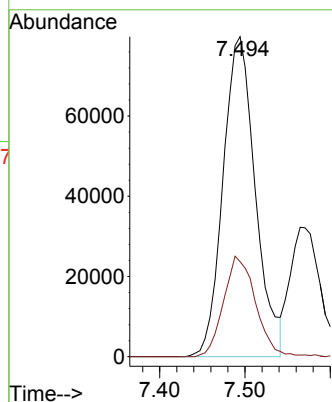
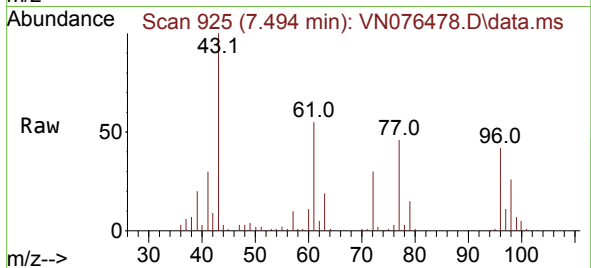
VN0131WBSD01

Tgt Ion: 43 Resp: 210350

Ion Ratio Lower Upper

43 100

72 29.7 27.4 41.2



#26

2,2-Dichloropropane

Concen: 20.017 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN076478.D

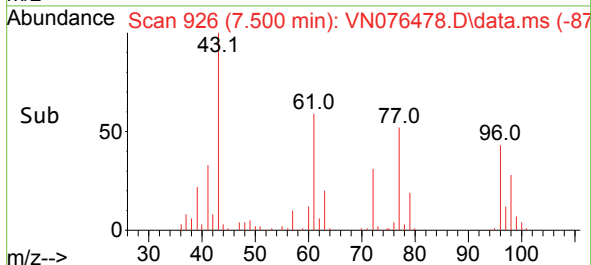
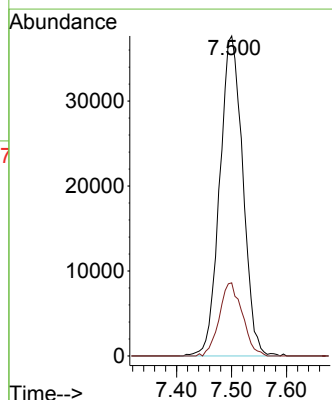
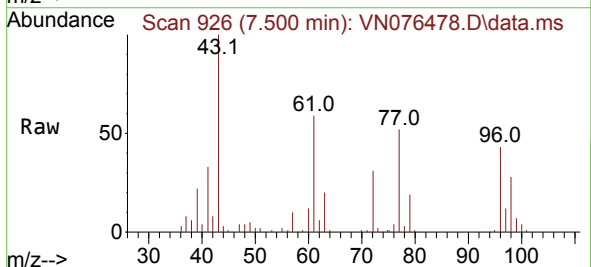
Acq: 31 Jan 2023 11:12

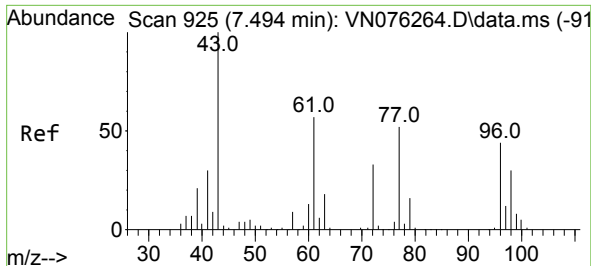
Tgt Ion: 77 Resp: 109637

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.4

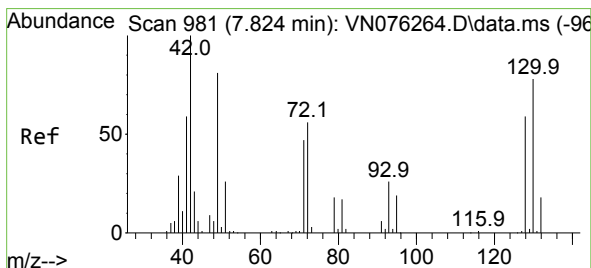
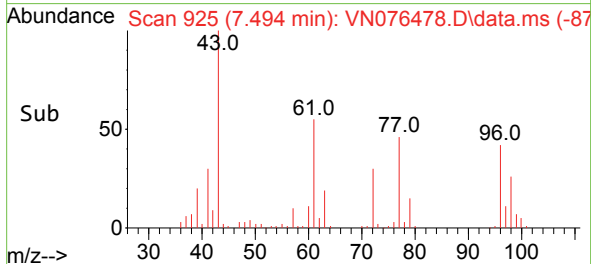
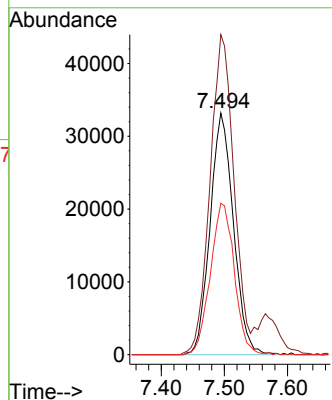
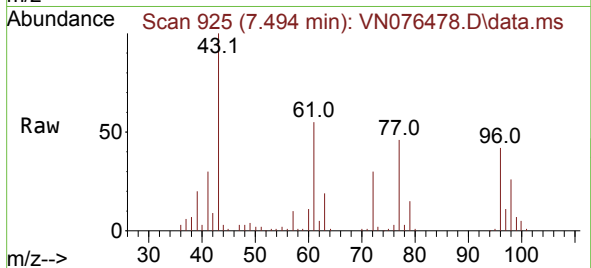




#27
 cis-1,2-Dichloroethene
 Concen: 19.014 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

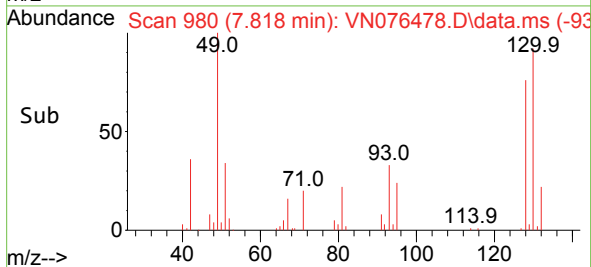
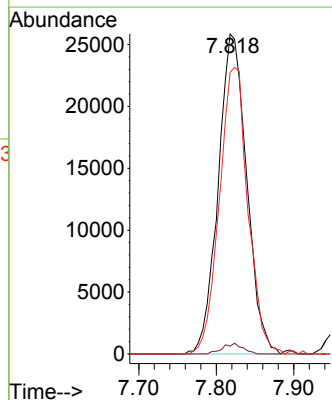
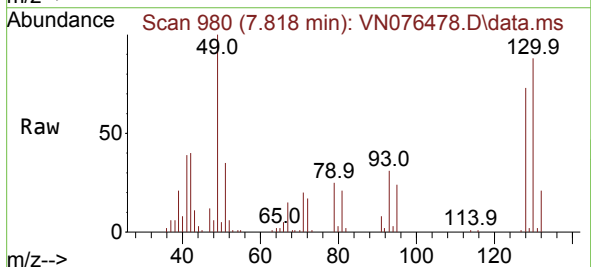
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

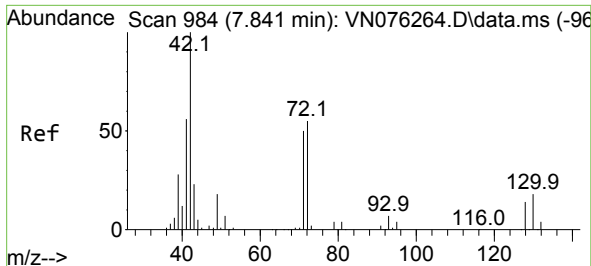
Tgt Ion: 96 Resp: 85227
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 259.6
 98 64.5 0.0 129.4



#28
 Bromochloromethane
 Concen: 25.108 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

Tgt Ion: 49 Resp: 66134
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 89.5 76.0 114.0





#29

Tetrahydrofuran

Concen: 102.097 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

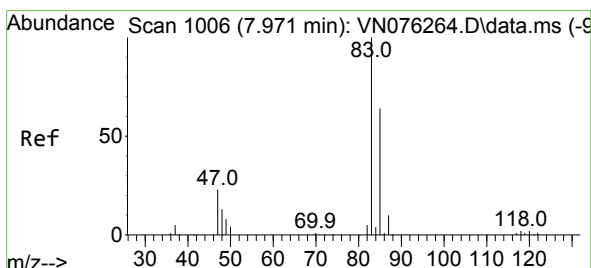
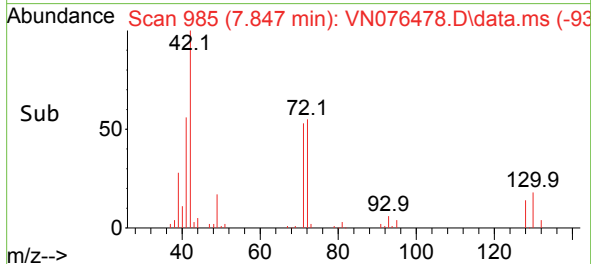
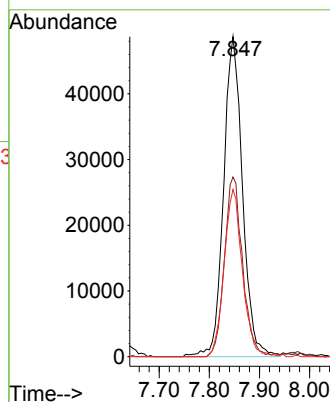
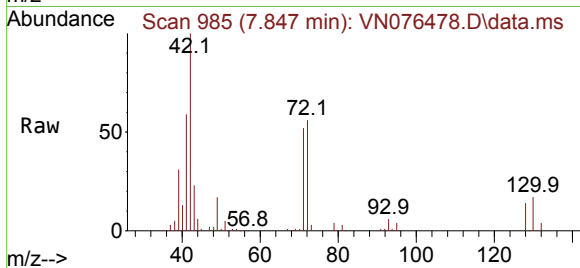
Tgt Ion: 42 Resp: 127940

Ion Ratio Lower Upper

42 100

72 53.8 44.0 66.0

71 50.5 41.1 61.7



#30

Chloroform

Concen: 20.675 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN076478.D

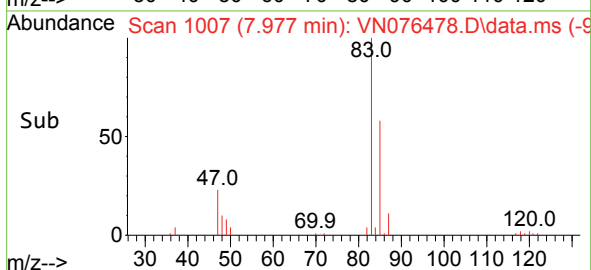
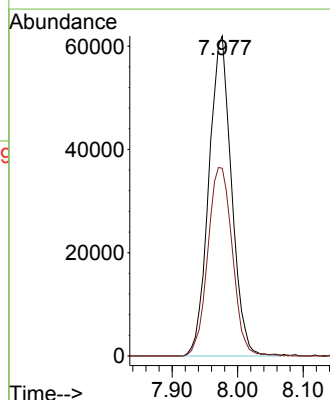
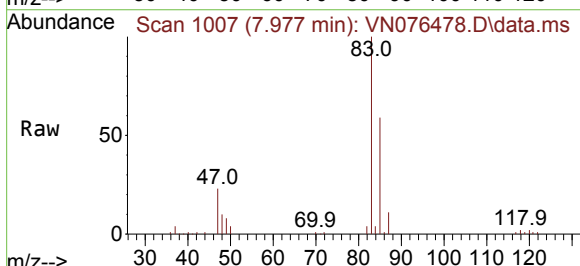
Acq: 31 Jan 2023 11:12

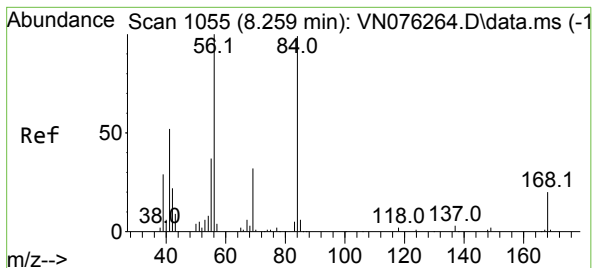
Tgt Ion: 83 Resp: 148668

Ion Ratio Lower Upper

83 100

85 58.7 51.0 76.6





#31

Cyclohexane

Concen: 16.779 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

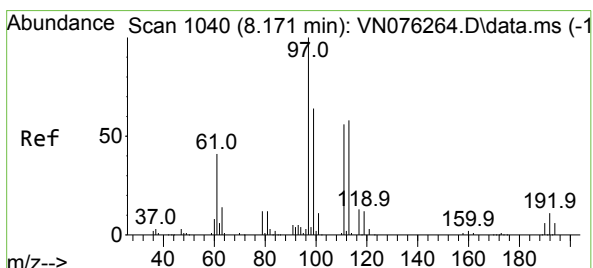
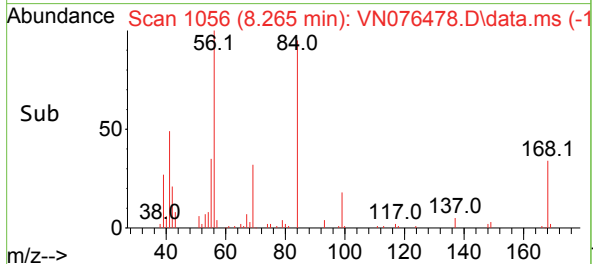
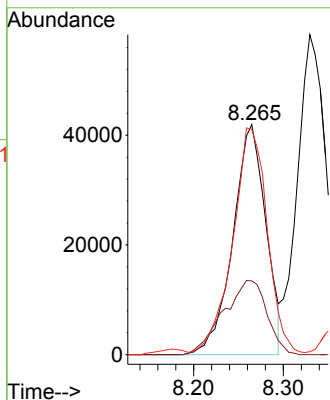
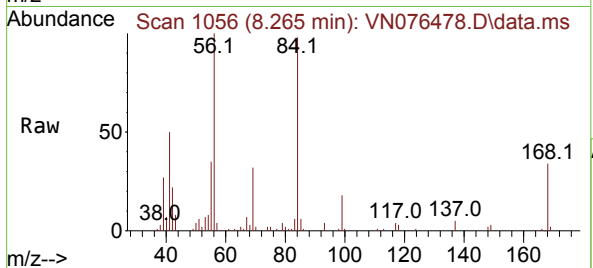
Tgt Ion: 56 Resp: 106892

Ion Ratio Lower Upper

56 100

69 32.0 25.8 38.8

84 95.7 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 19.698 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

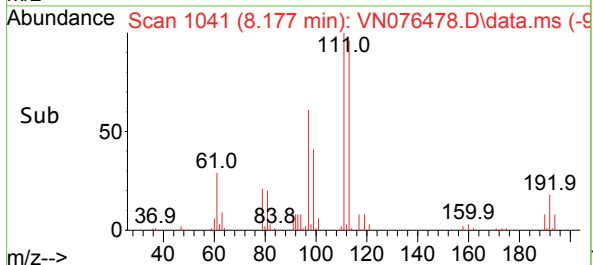
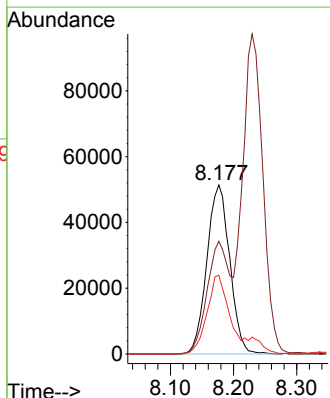
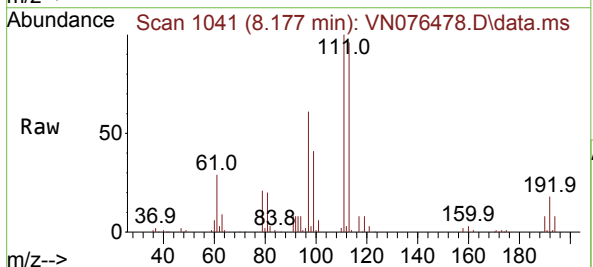
Tgt Ion: 97 Resp: 129318

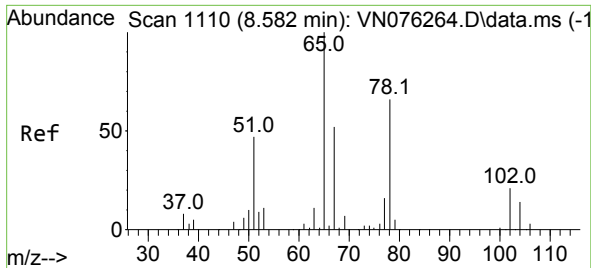
Ion Ratio Lower Upper

97 100

99 67.7 55.0 82.4

61 46.8 36.2 54.4

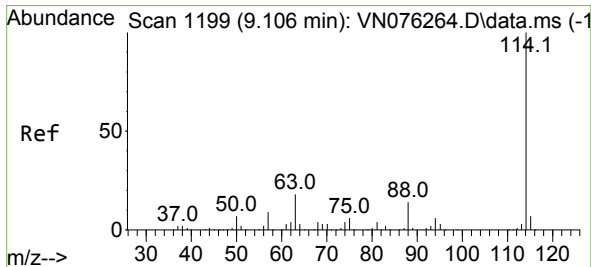
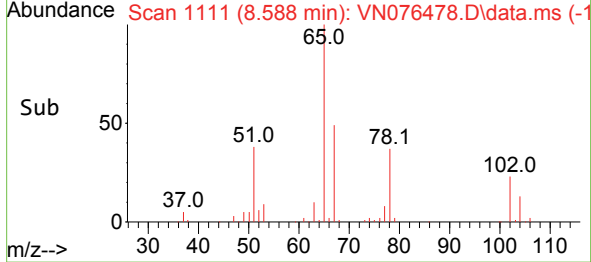
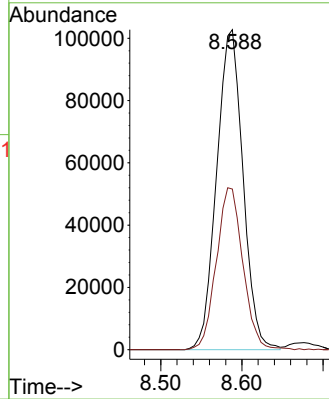
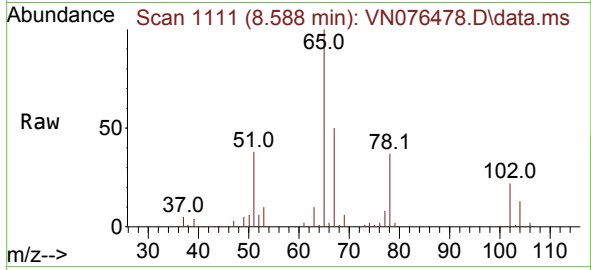




#33
1,2-Dichloroethane-d4
Concen: 55.887 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

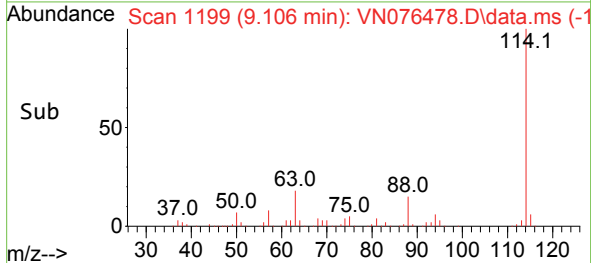
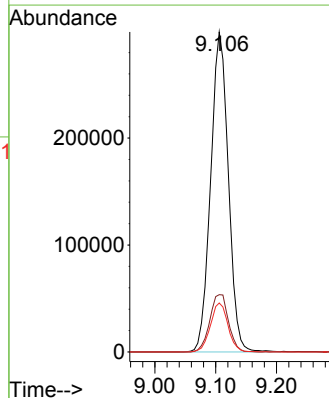
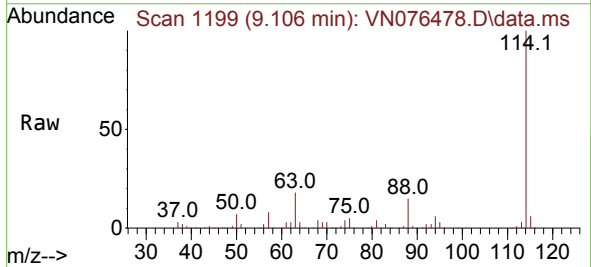
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

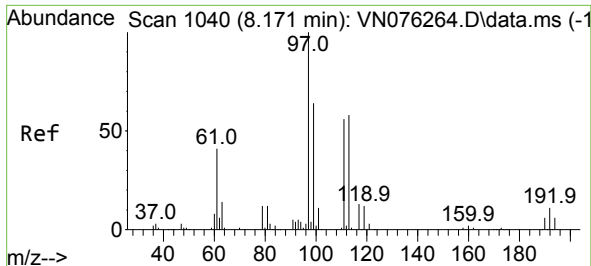
Tgt Ion: 65 Resp: 231762
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion:114 Resp: 603864
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.8
88 15.3 0.0 28.0





#35

Dibromofluoromethane

Concen: 51.760 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

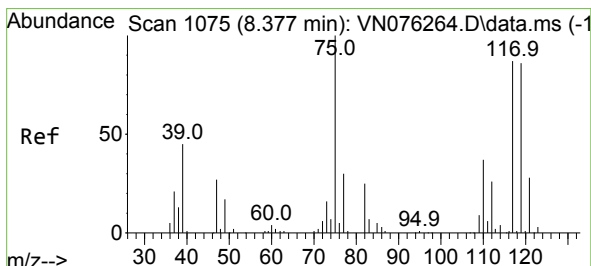
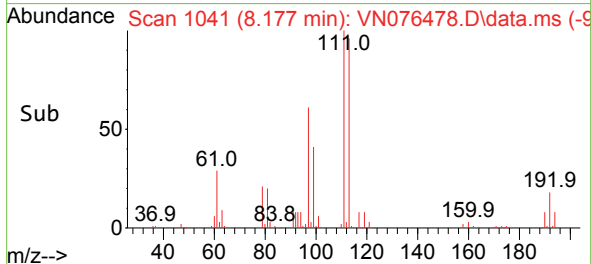
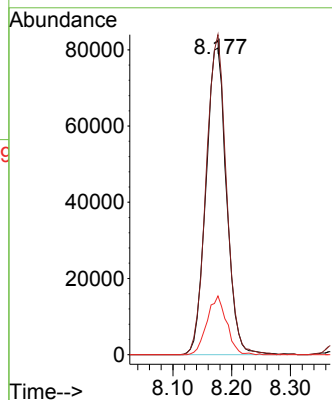
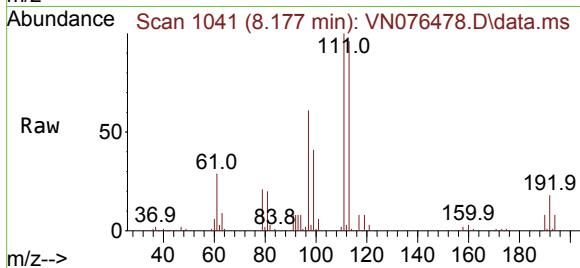
Tgt Ion:113 Resp: 195521

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

192 18.3 15.6 23.4



#36

1,1-Dichloropropene

Concen: 18.279 ug/l

RT: 8.382 min Scan# 1076

Delta R.T. 0.005 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

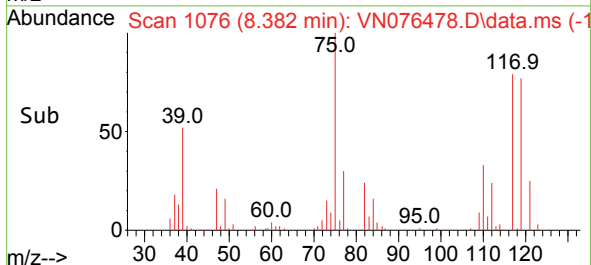
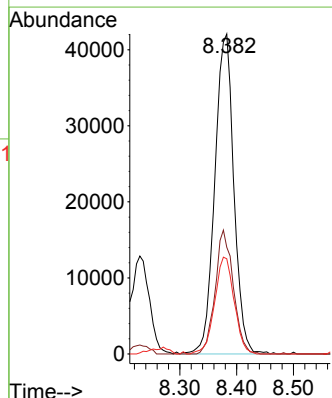
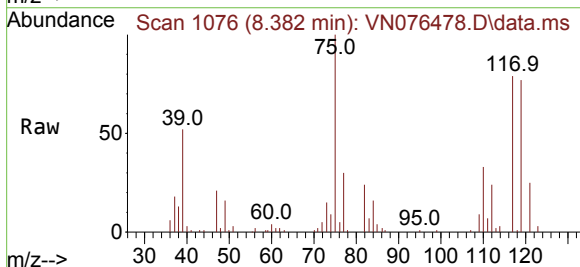
Tgt Ion: 75 Resp: 98115

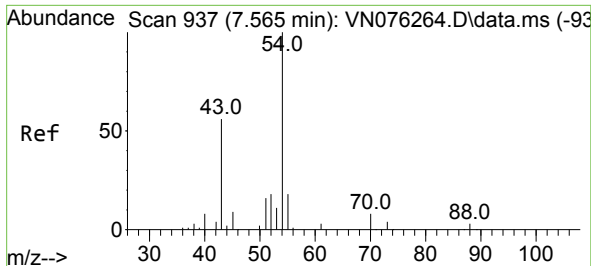
Ion Ratio Lower Upper

75 100

110 36.8 18.8 56.3

77 30.9 25.0 37.4

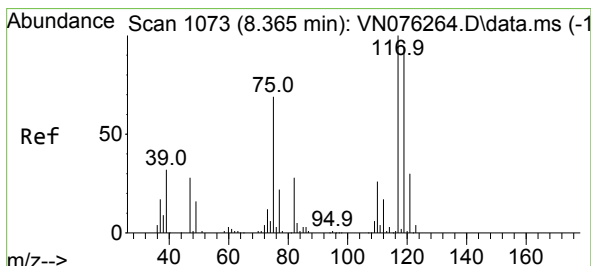
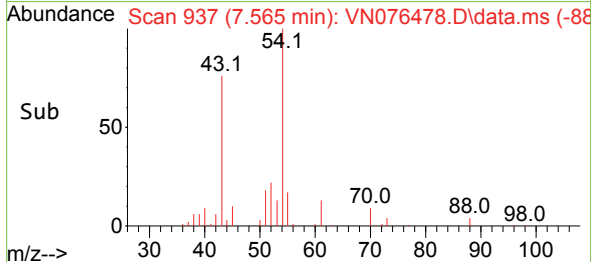
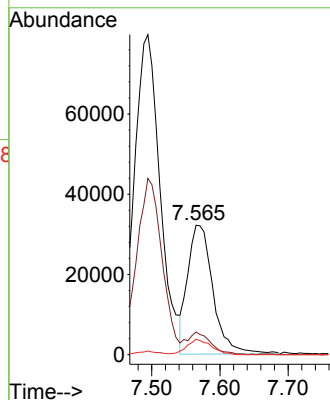
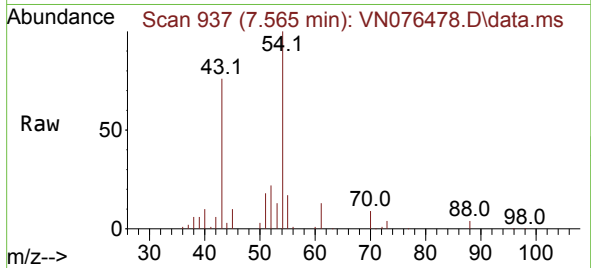




#37
Ethyl Acetate
Concen: 19.222 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

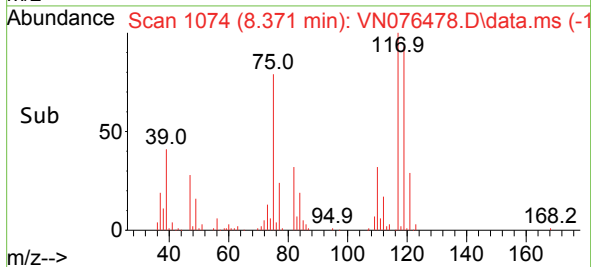
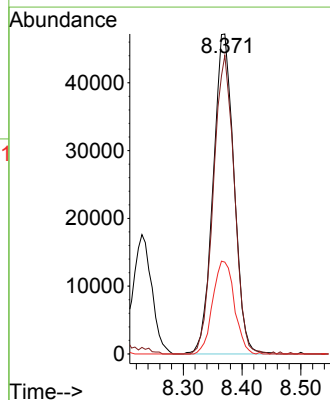
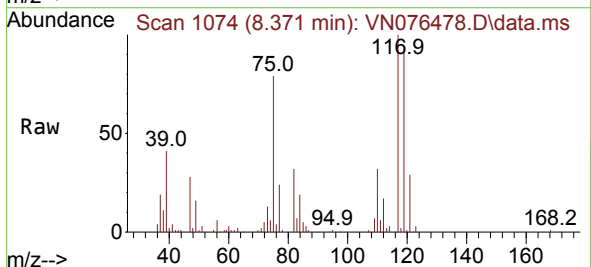
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

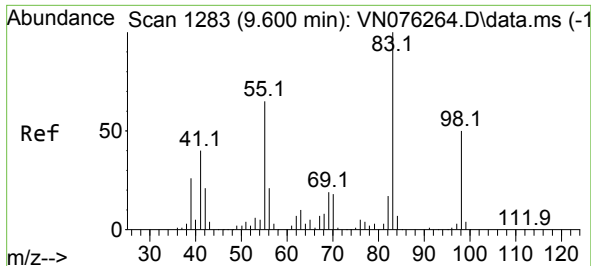
Tgt Ion: 43	Resp: 82659
Ion Ratio	Lower Upper
43	100
61	13.6 11.1 16.7
70	11.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 19.396 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 117	Resp: 116102
Ion Ratio	Lower Upper
117	100
119	93.3 75.4 113.0
121	28.7 24.2 36.2





#39

Methylcyclohexane

Concen: 17.685 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

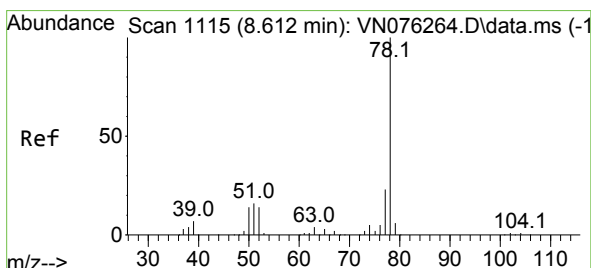
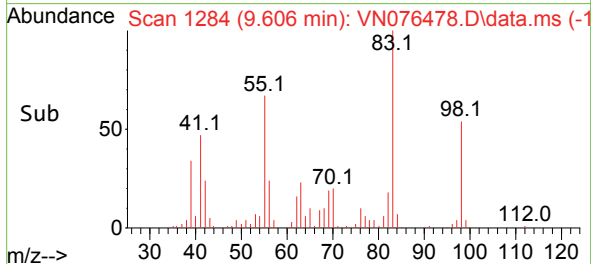
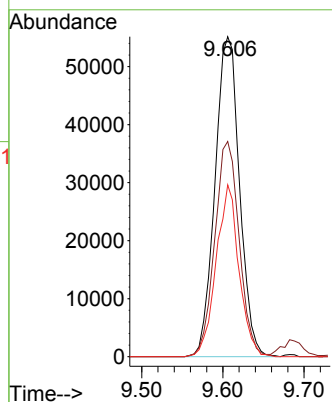
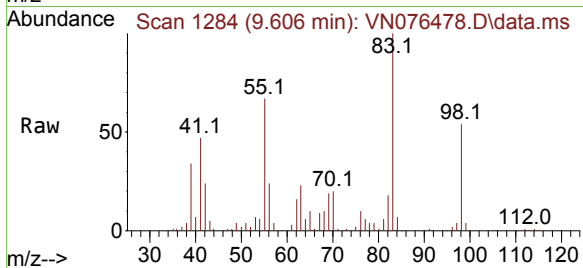
Tgt Ion: 83 Resp: 115920

Ion Ratio Lower Upper

83 100

55 67.2 51.7 77.5

98 53.7 40.0 60.0



#40

Benzene

Concen: 18.651 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076478.D

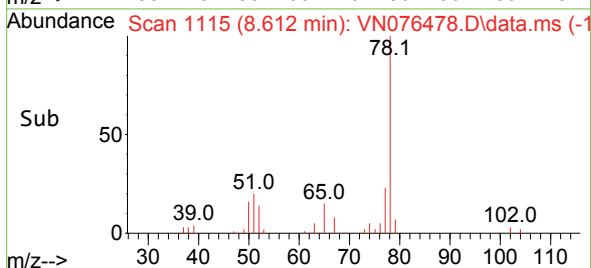
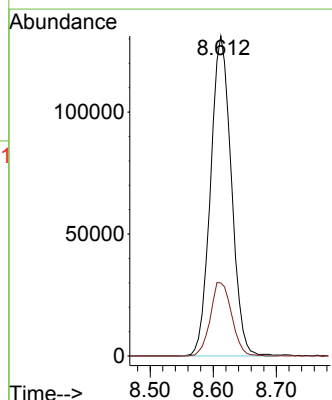
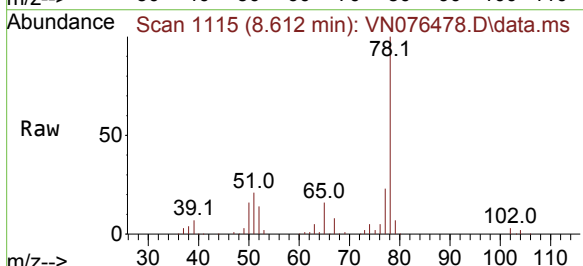
Acq: 31 Jan 2023 11:12

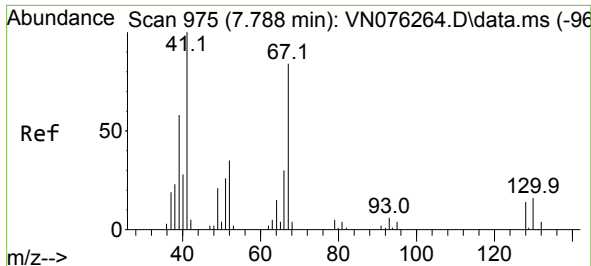
Tgt Ion: 78 Resp: 299343

Ion Ratio Lower Upper

78 100

77 22.8 18.6 28.0

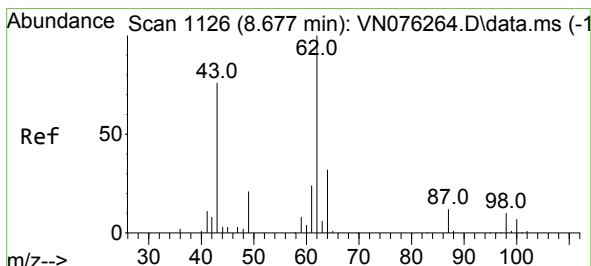
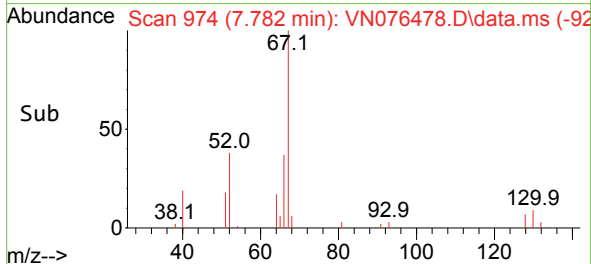
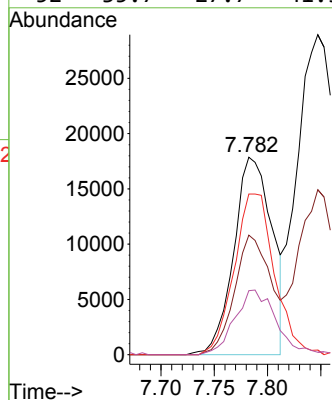
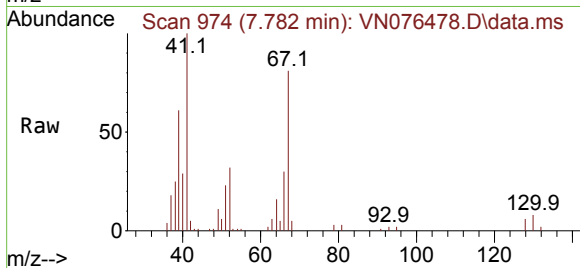




#41
Methacrylonitrile
Concen: 19.776 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

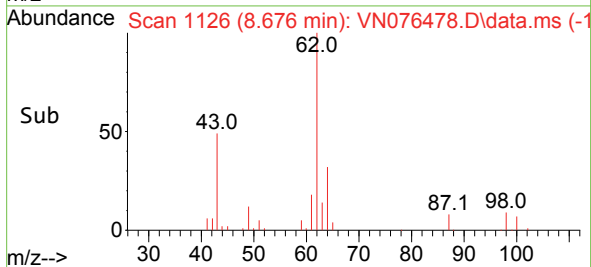
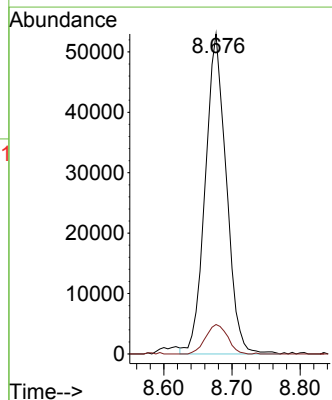
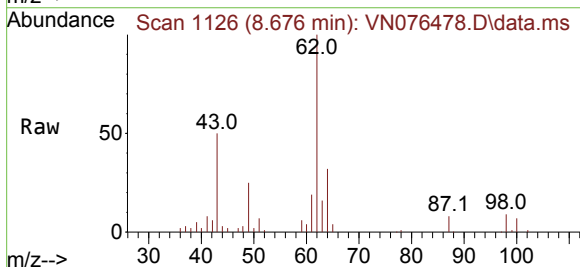
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

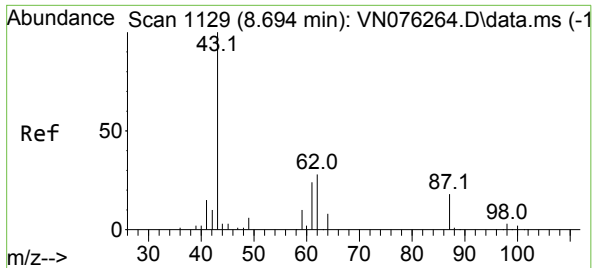
Tgt Ion:	41	Resp:	44580
Ion	Ratio	Lower	Upper
41	100		
39	57.6	42.4	63.6
67	85.8	68.8	103.2
52	35.7	27.7	41.5



#42
1,2-Dichloroethane
Concen: 20.740 ug/l
RT: 8.676 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion:	62	Resp:	113894
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.4

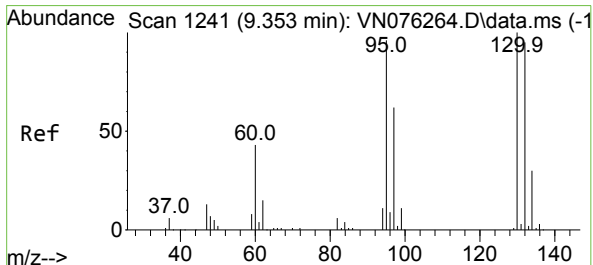
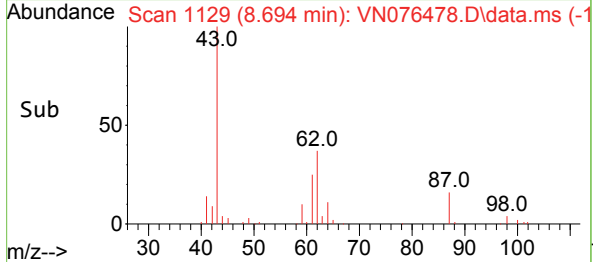
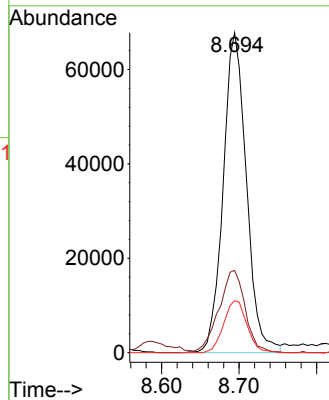
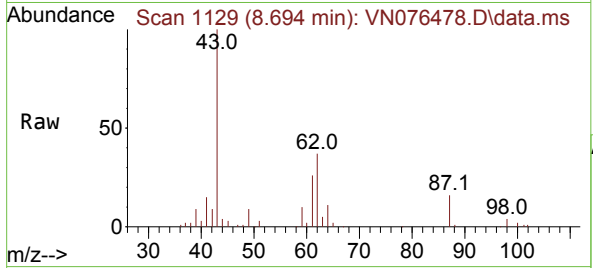




#43
Isopropyl Acetate
Concen: 20.180 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

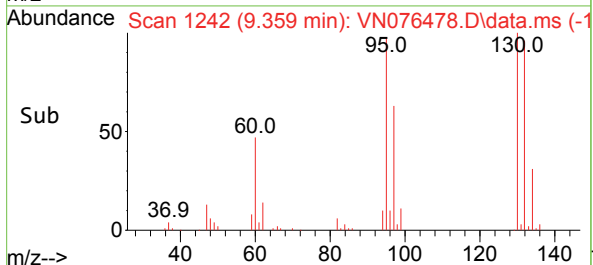
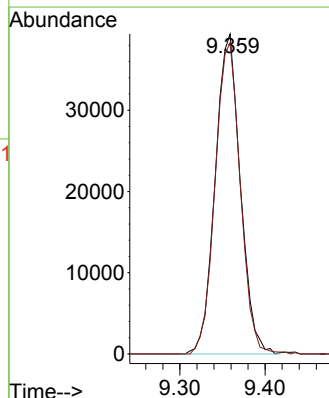
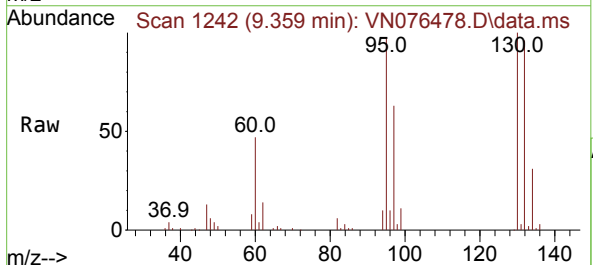
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

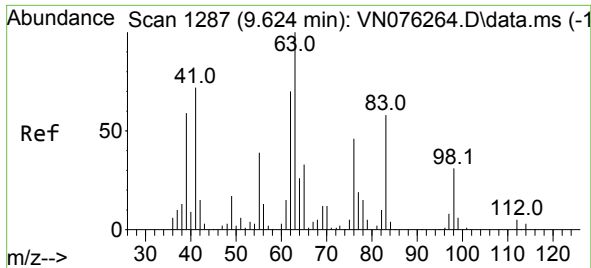
Tgt Ion: 43 Resp: 141342
Ion Ratio Lower Upper
43 100
61 29.1 23.5 35.3
87 16.3 13.8 20.6



#44
Trichloroethene
Concen: 17.743 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion:130 Resp: 80544
Ion Ratio Lower Upper
130 100
95 97.3 0.0 192.0

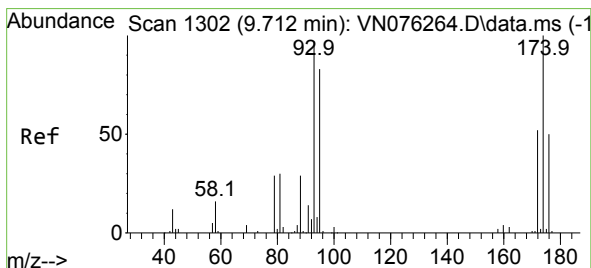
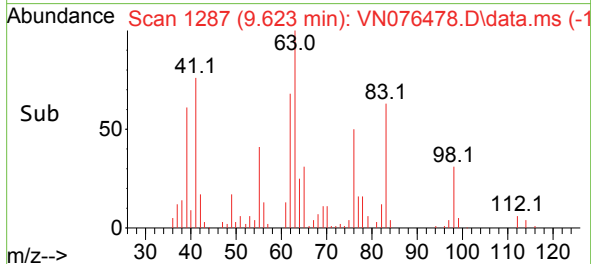
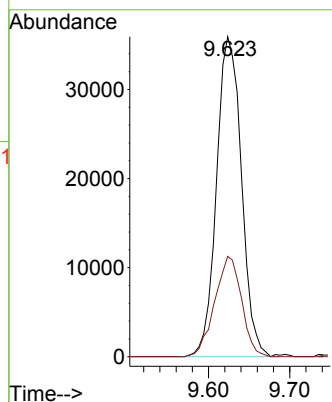
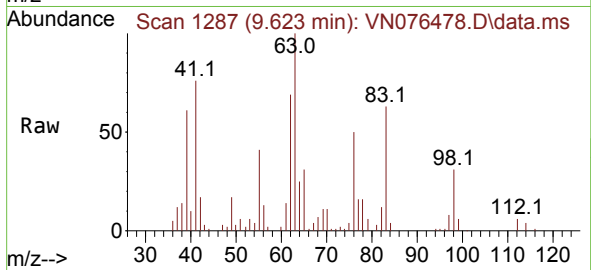




#45
1,2-Dichloropropane
Concen: 19.933 ug/l
RT: 9.623 min Scan# 1287
Delta R.T. -0.001 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

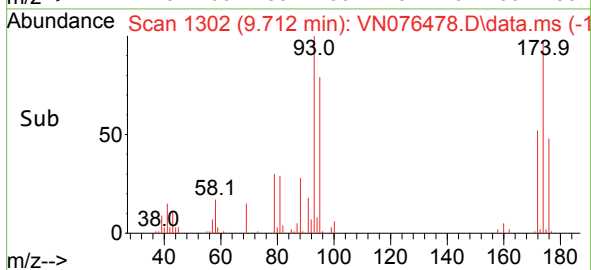
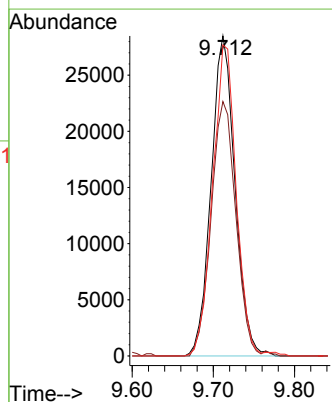
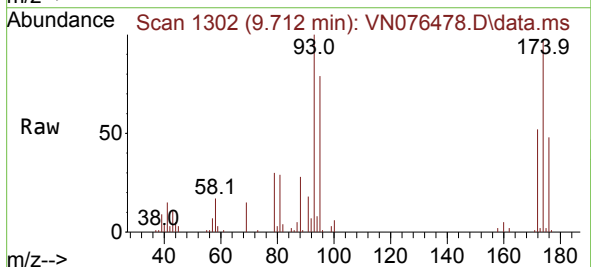
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

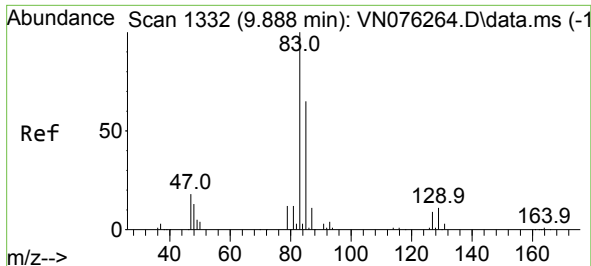
Tgt Ion: 63 Resp: 76596
Ion Ratio Lower Upper
63 100
65 31.4 26.4 39.6



#46
Dibromomethane
Concen: 20.089 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 93 Resp: 58285
Ion Ratio Lower Upper
93 100
95 82.6 66.0 99.0
174 96.4 81.3 121.9

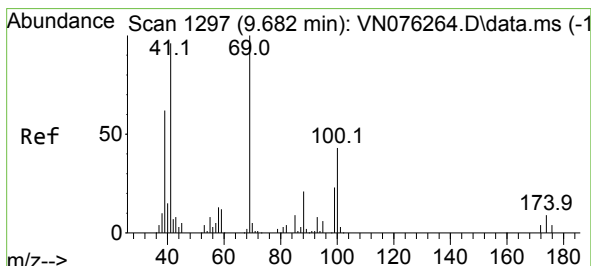
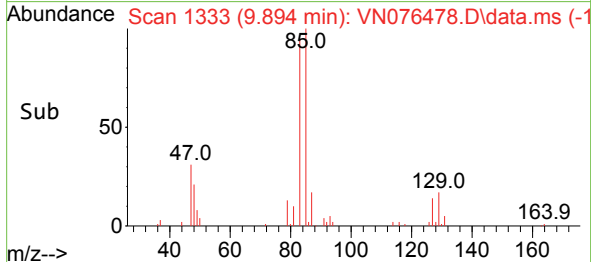
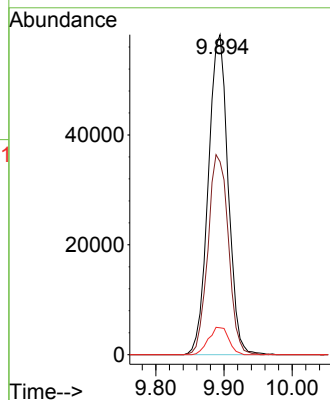
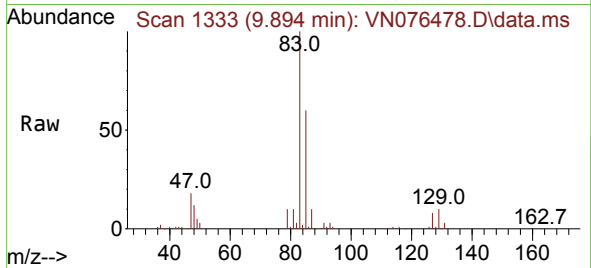




#47
Bromodichloromethane
Concen: 20.909 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

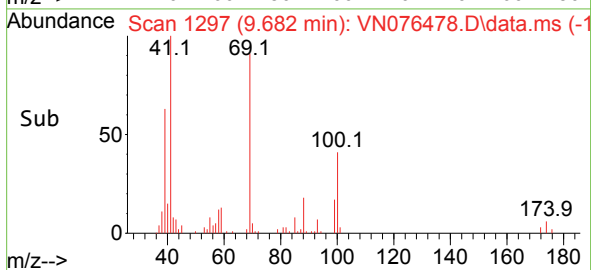
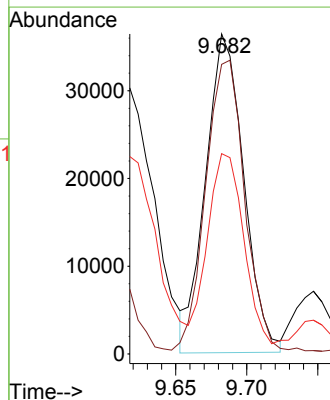
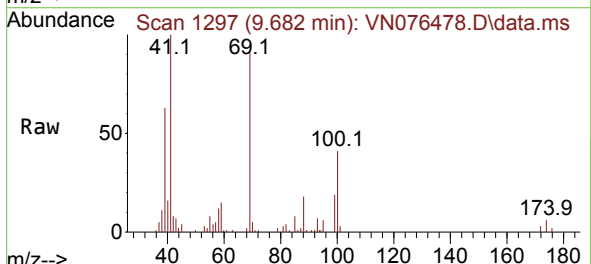
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

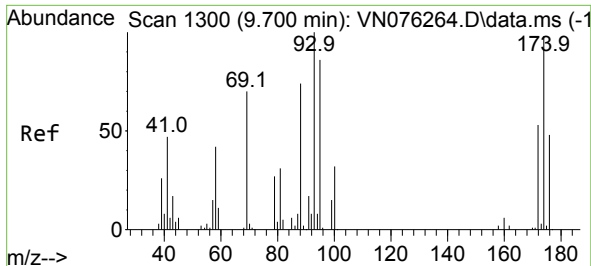
Tgt Ion: 83 Resp: 117656
Ion Ratio Lower Upper
83 100
85 60.3 52.1 78.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 20.465 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 41 Resp: 67857
Ion Ratio Lower Upper
41 100
69 94.0 80.8 121.2
39 62.3 54.4 81.6





#49

1,4-Dioxane

Concen: 398.559 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

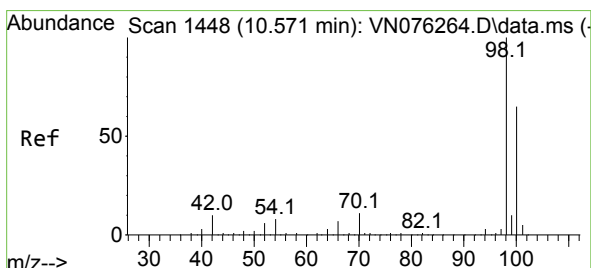
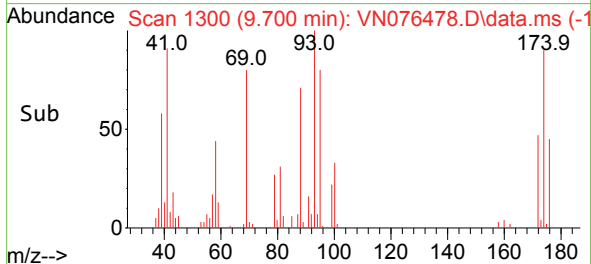
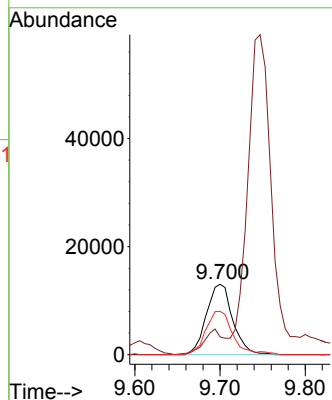
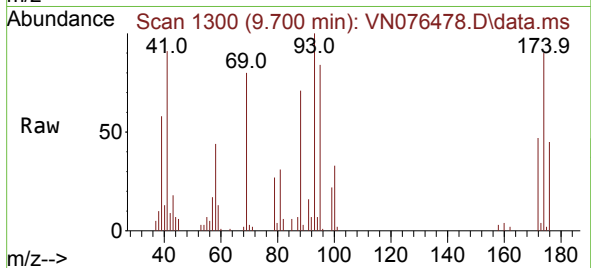
Tgt Ion: 88 Resp: 27885

Ion Ratio Lower Upper

88 100

43 26.2 18.1 27.1

58 63.6 46.5 69.7



#50

Toluene-d8

Concen: 50.305 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN076478.D

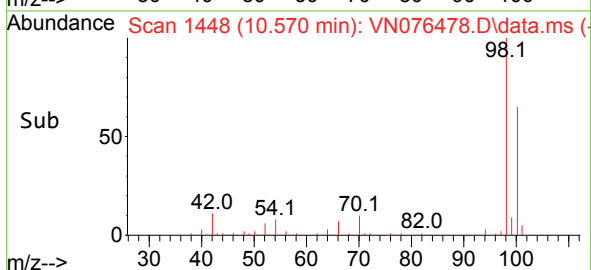
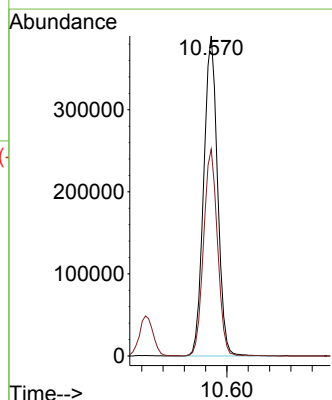
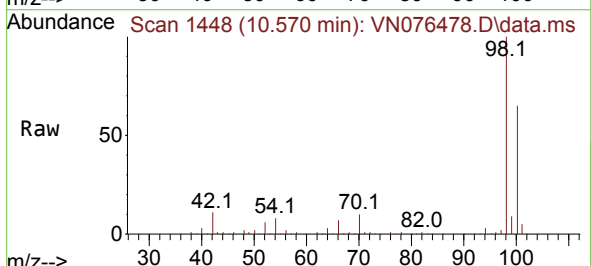
Acq: 31 Jan 2023 11:12

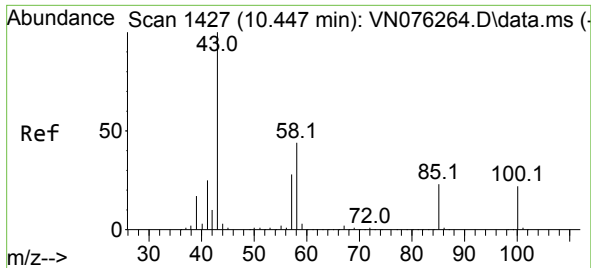
Tgt Ion: 98 Resp: 701771

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4

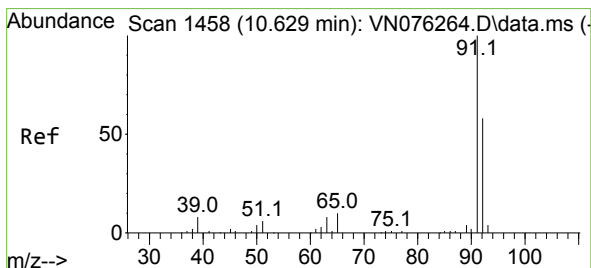
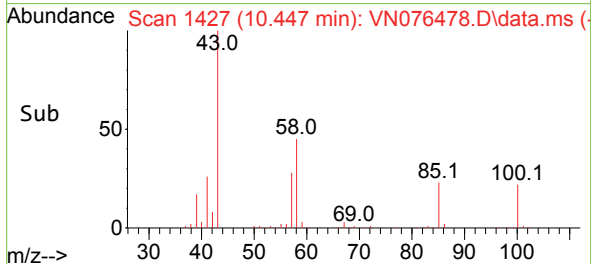
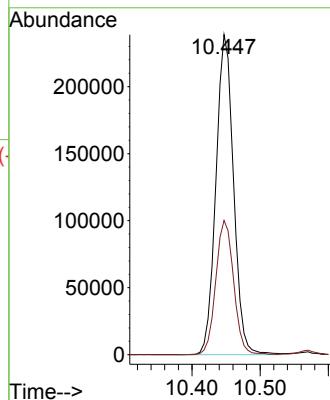
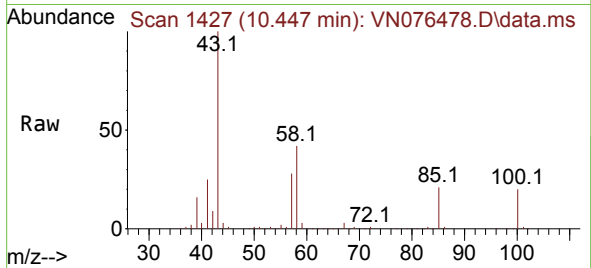




#51
4-Methyl-2-Pentanone
Concen: 104.525 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

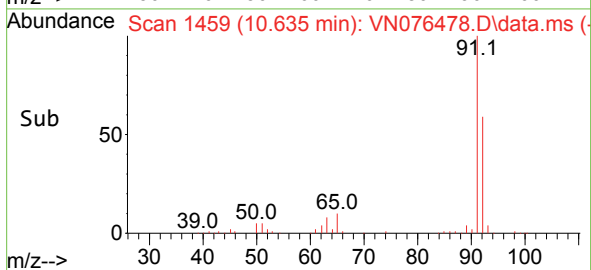
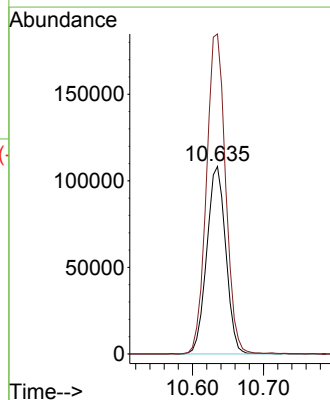
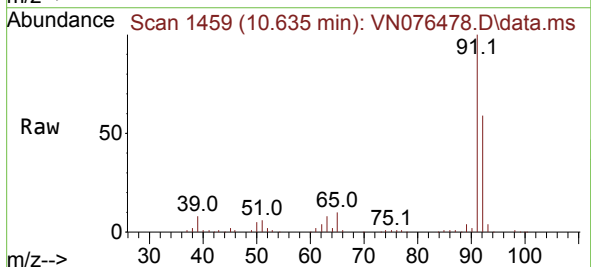
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

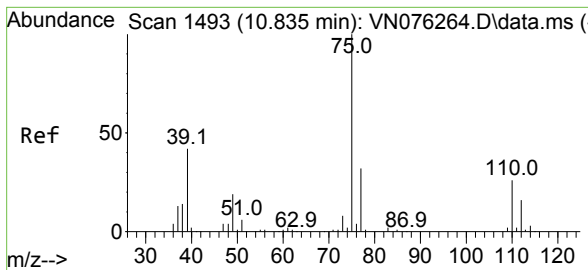
Tgt Ion: 43 Resp: 429763
Ion Ratio Lower Upper
43 100
58 42.6 35.1 52.7



#52
Toluene
Concen: 18.795 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 92 Resp: 201735
Ion Ratio Lower Upper
92 100
91 171.7 136.6 205.0

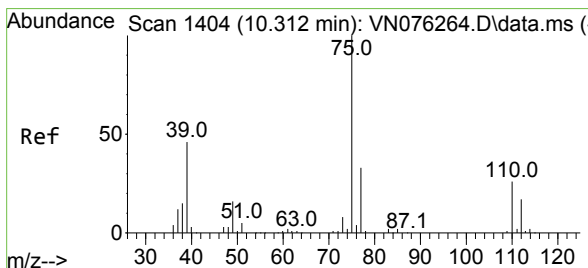
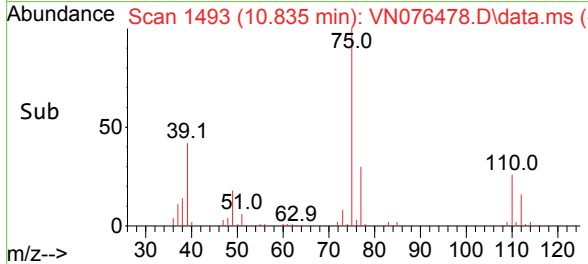
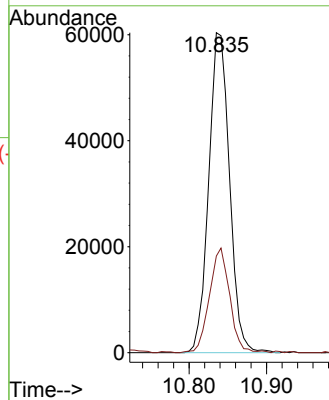
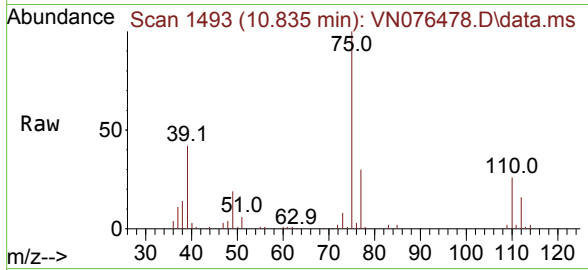




#53
 t-1,3-Dichloropropene
 Concen: 20.980 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

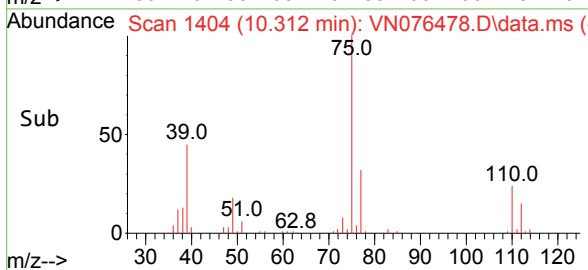
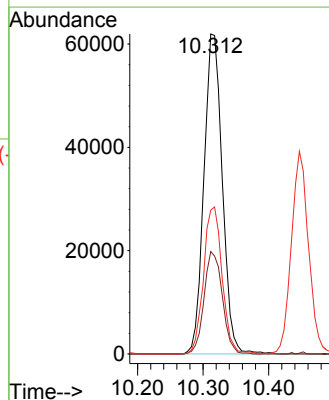
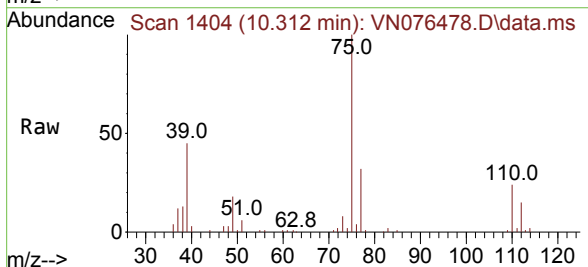
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

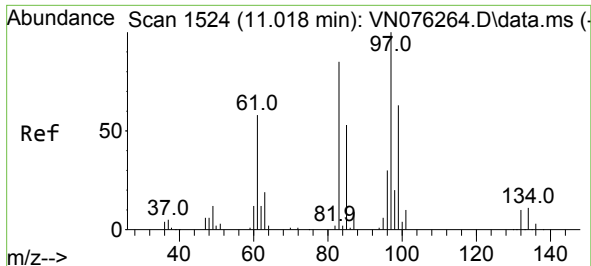
Tgt Ion: 75 Resp: 112543
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.613 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

Tgt Ion: 75 Resp: 121041
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.5 39.7
 39 45.0 37.1 55.7

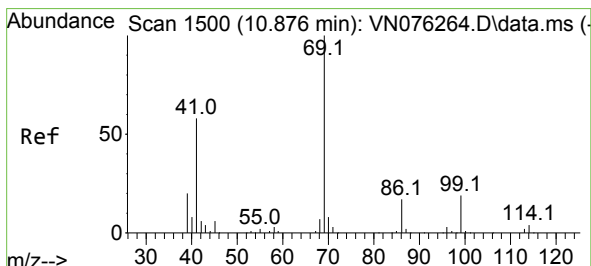
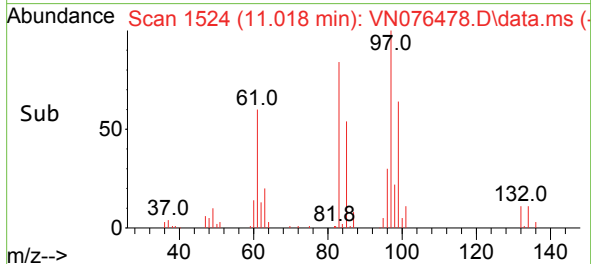
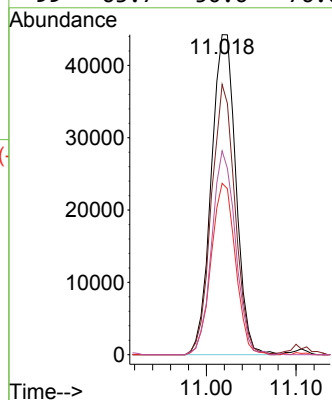
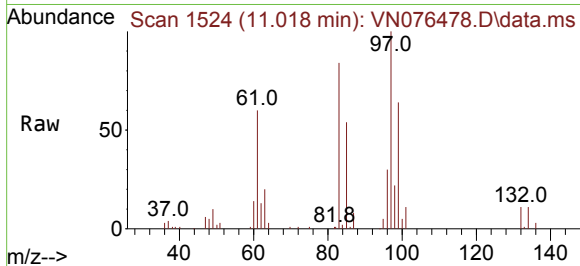




#55
1,1,2-Trichloroethane
Concen: 20.557 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

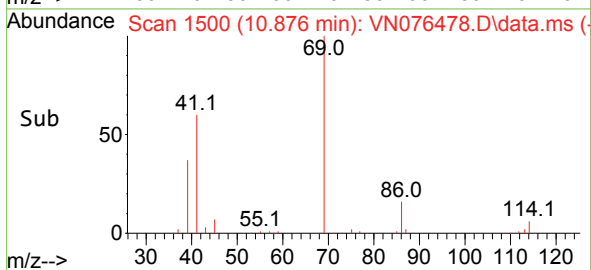
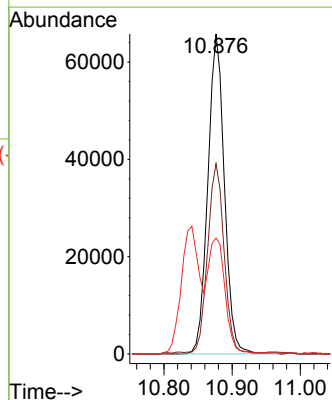
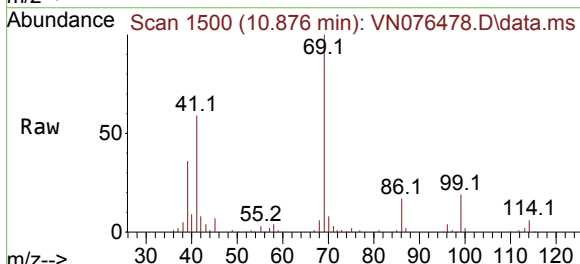
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

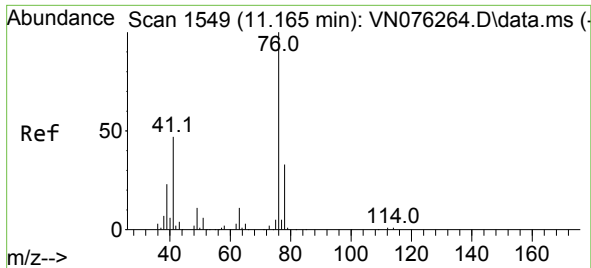
Tgt Ion: 97	Resp: 84336
Ion Ratio	Lower Upper
97 100	
83 84.4	67.8 101.6
85 53.5	42.3 63.5
99 63.7	50.6 76.0



#56
Ethyl methacrylate
Concen: 21.005 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 69	Resp: 111254
Ion Ratio	Lower Upper
69 100	
41 58.1	45.3 67.9
39 36.2	29.3 43.9

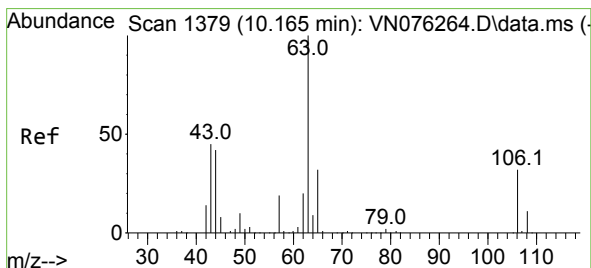
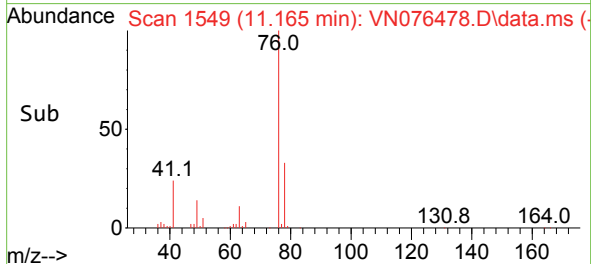
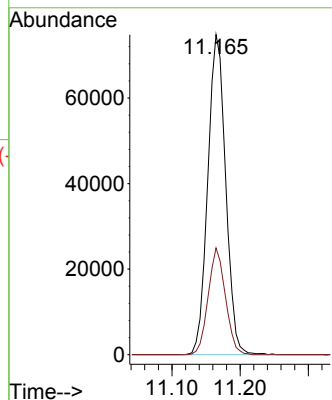
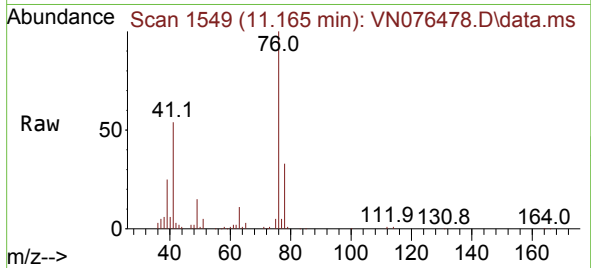




#57
1,3-Dichloropropane
Concen: 20.483 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

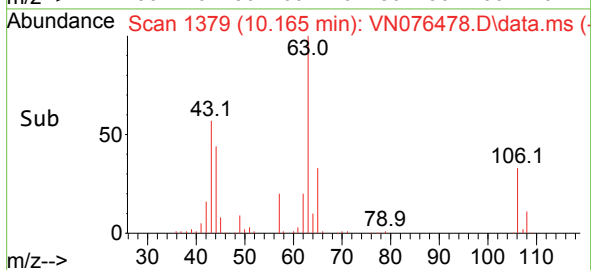
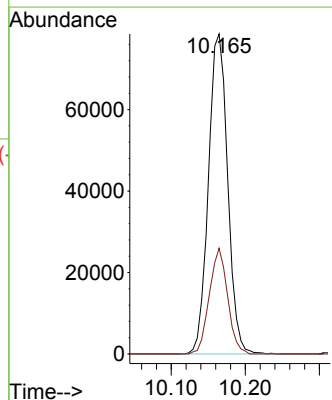
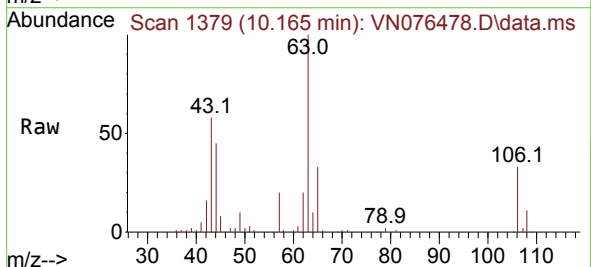
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

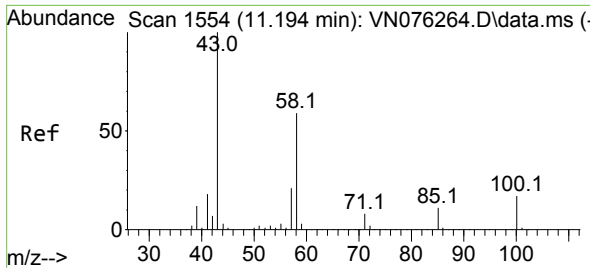
Tgt Ion: 76 Resp: 136564
Ion Ratio Lower Upper
76 100
78 32.2 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 79.180 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 63 Resp: 141581
Ion Ratio Lower Upper
63 100
106 31.3 26.2 39.2

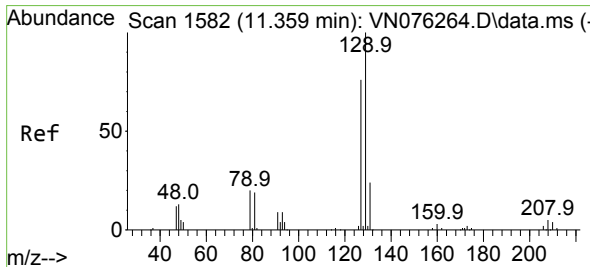
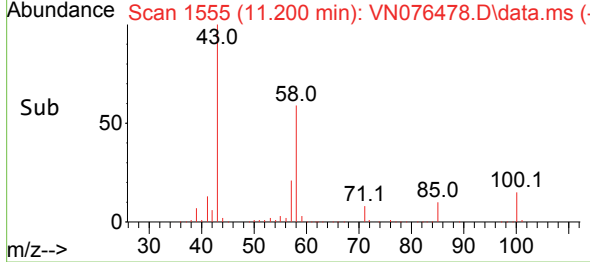
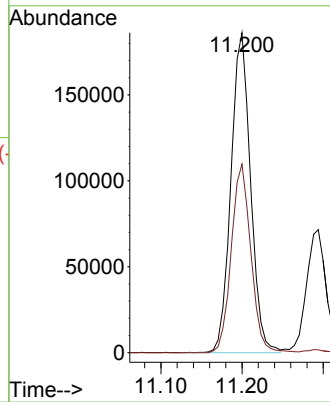
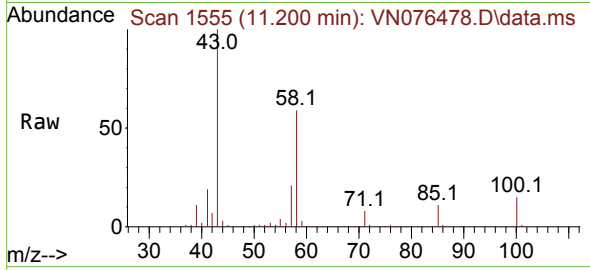




#59
2-Hexanone
Concen: 104.737 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

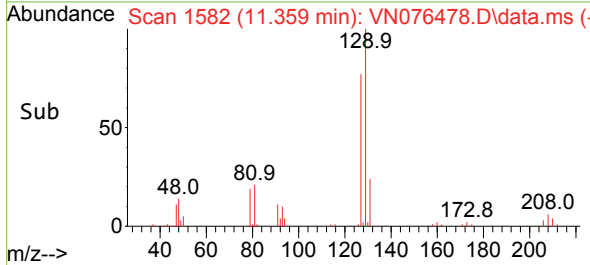
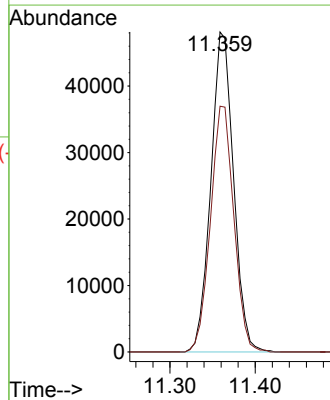
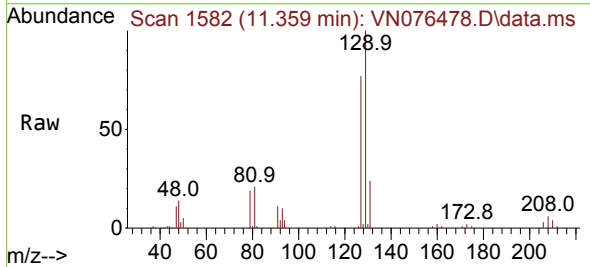
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

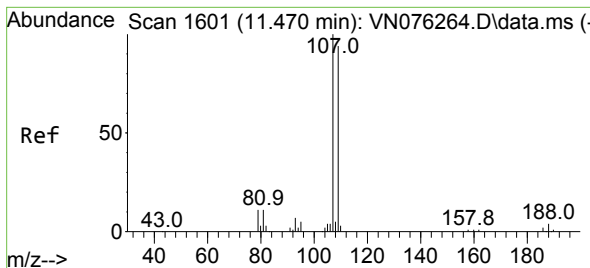
Tgt Ion: 43 Resp: 312061
Ion Ratio Lower Upper
43 100
58 58.8 30.1 90.3



#60
Dibromochloromethane
Concen: 20.613 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 129 Resp: 89024
Ion Ratio Lower Upper
129 100
127 79.1 38.7 116.1

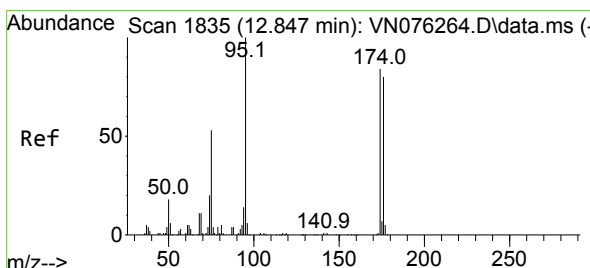
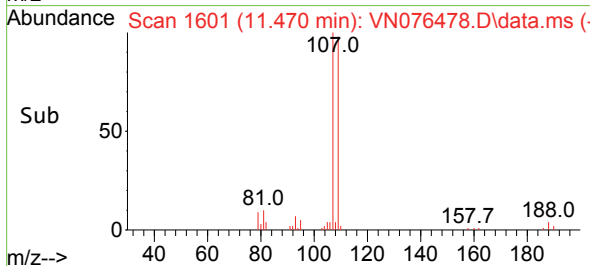
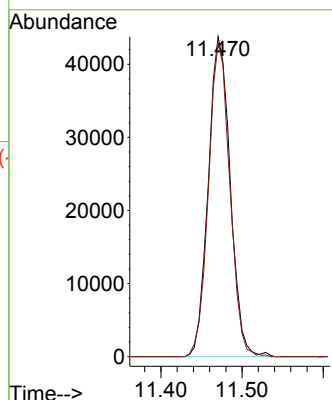
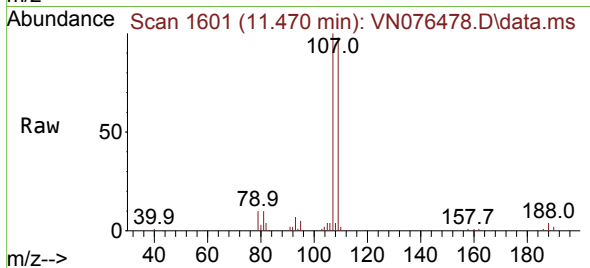




#61
1,2-Dibromoethane
Concen: 20.002 ug/l
RT: 11.470 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

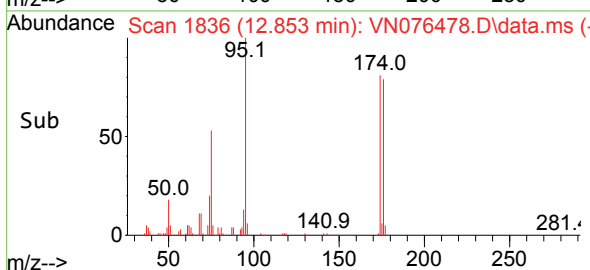
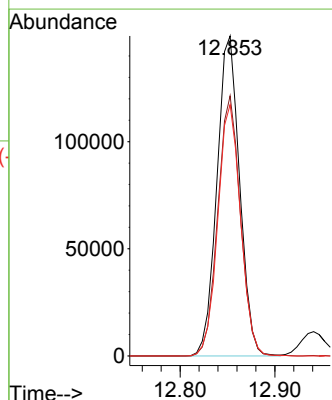
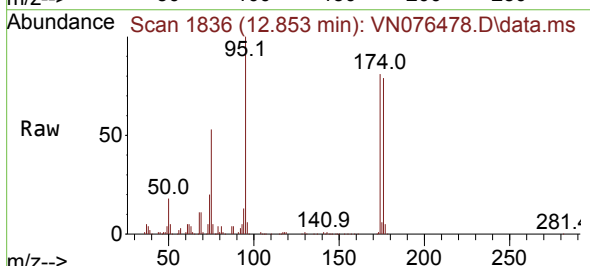
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

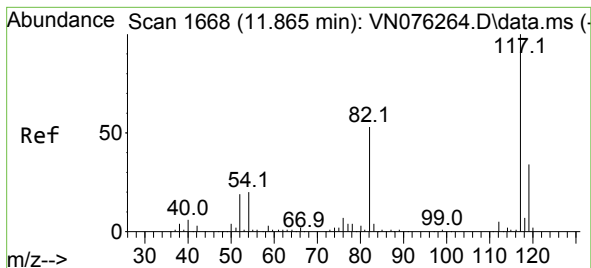
Tgt Ion:107 Resp: 81911
Ion Ratio Lower Upper
107 100
109 95.6 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 54.678 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 95 Resp: 249013
Ion Ratio Lower Upper
95 100
174 80.9 0.0 174.6
176 78.6 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: VN076478.D

Acq: 31 Jan 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

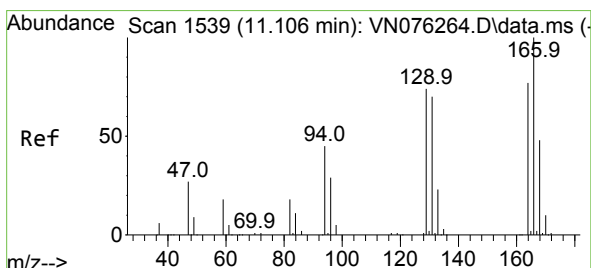
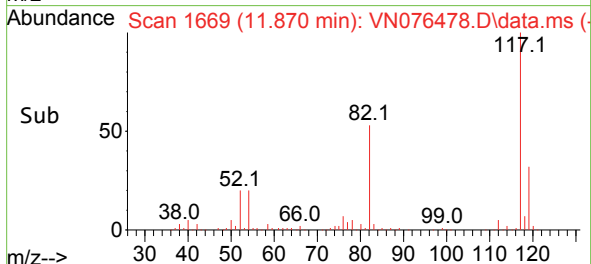
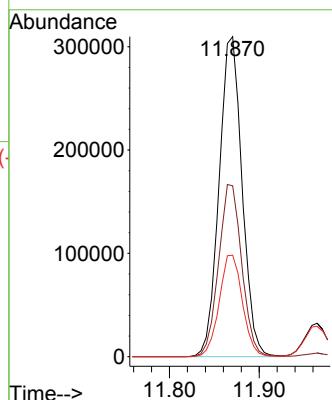
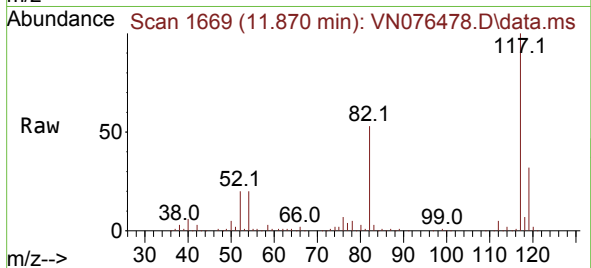
Tgt Ion:117 Resp: 551159

Ion Ratio Lower Upper

117 100

82 53.4 42.2 63.2

119 31.7 26.9 40.3



#64

Tetrachloroethene

Concen: 17.195 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Tgt Ion:164 Resp: 85464

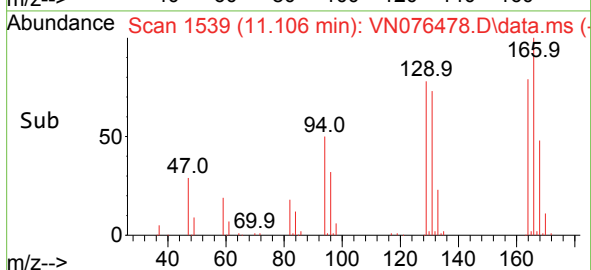
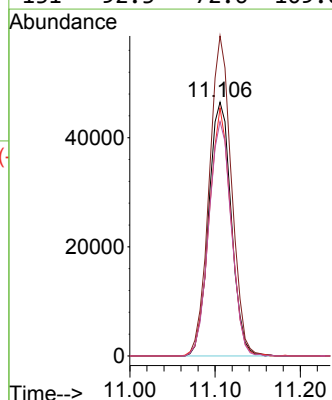
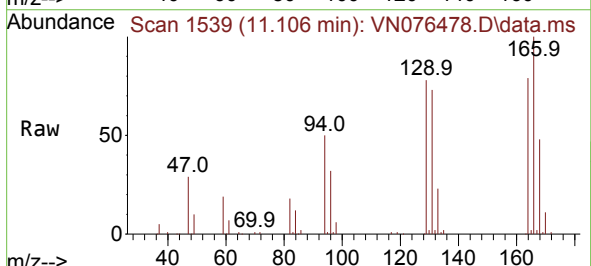
Ion Ratio Lower Upper

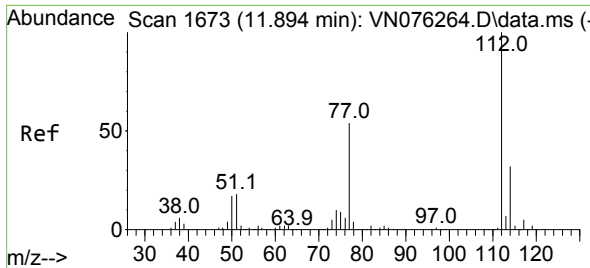
164 100

166 126.1 104.0 156.0

129 97.7 76.6 114.8

131 92.3 72.6 109.0

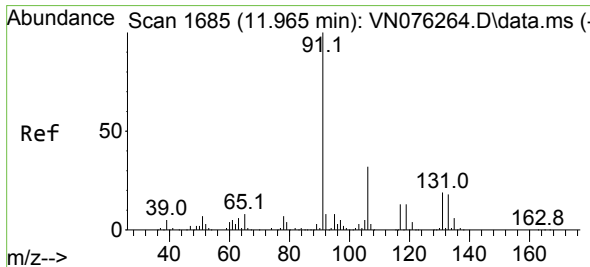
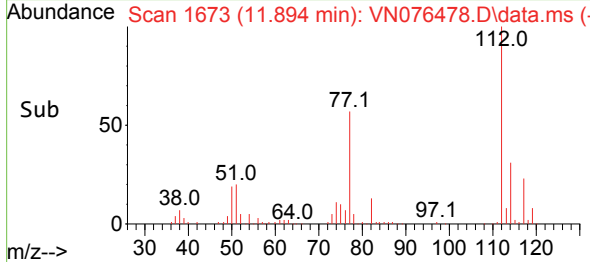
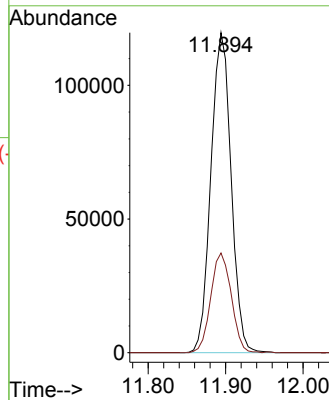
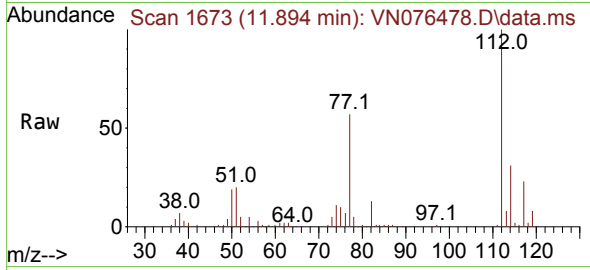




#65
Chlorobenzene
Concen: 18.621 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

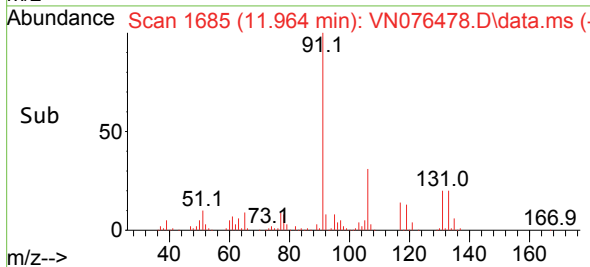
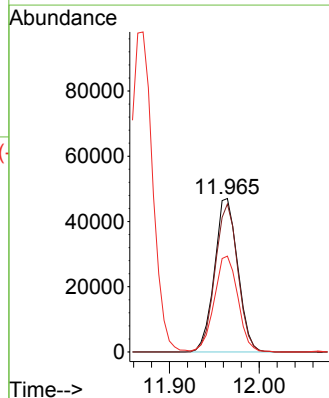
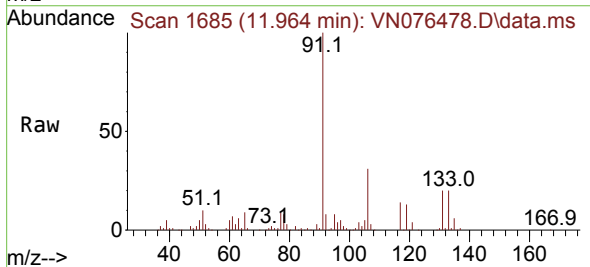
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

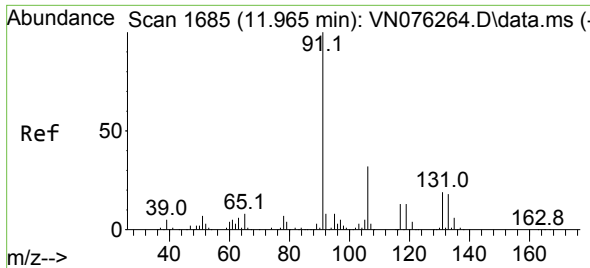
Tgt Ion:112 Resp: 216945
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.600 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.001 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion:131 Resp: 84963
Ion Ratio Lower Upper
131 100
133 94.0 47.4 142.2
119 63.5 32.3 96.8

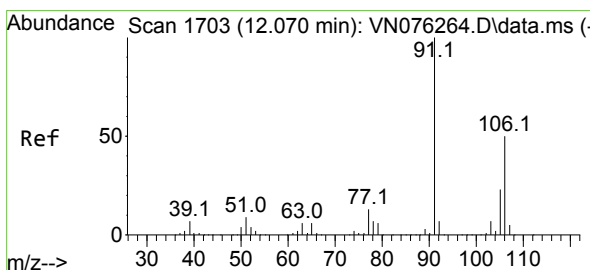
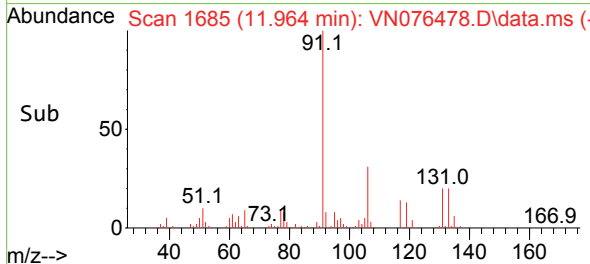
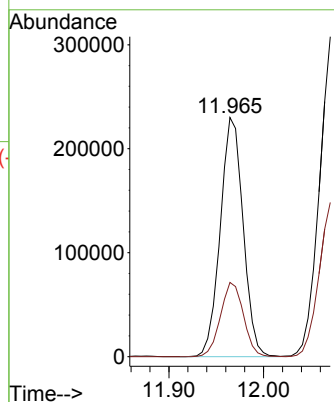
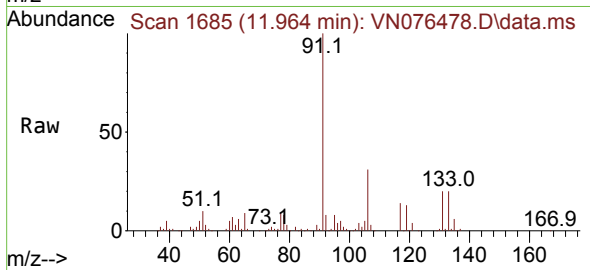




#67
Ethyl Benzene
Concen: 19.378 ug/l
RT: 11.964 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

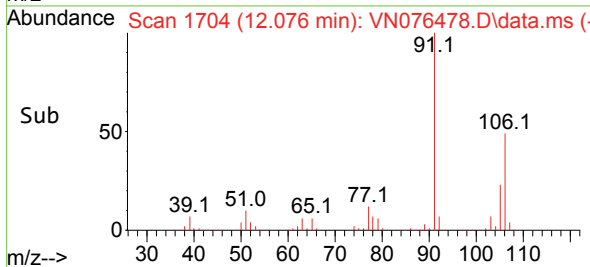
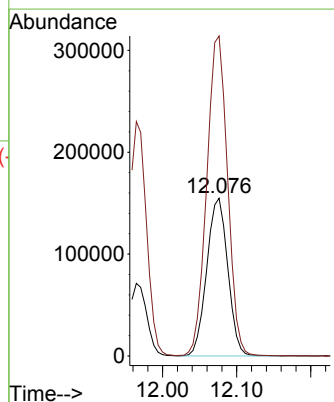
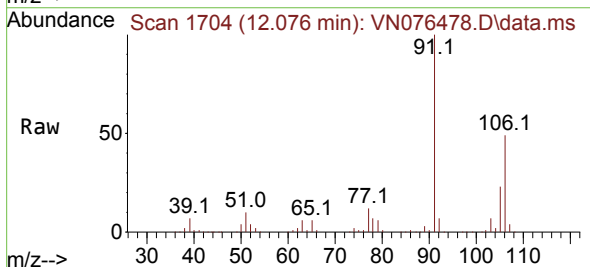
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

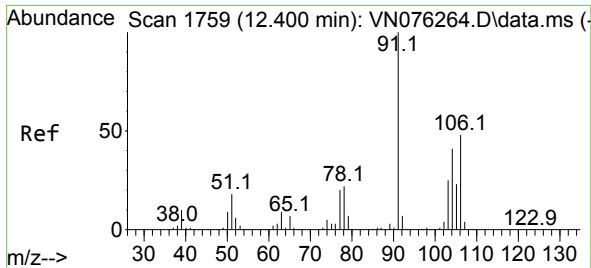
Tgt Ion: 91 Resp: 386394
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3



#68
m/p-Xylenes
Concen: 38.252 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion:106 Resp: 305855
Ion Ratio Lower Upper
106 100
91 200.7 157.5 236.3

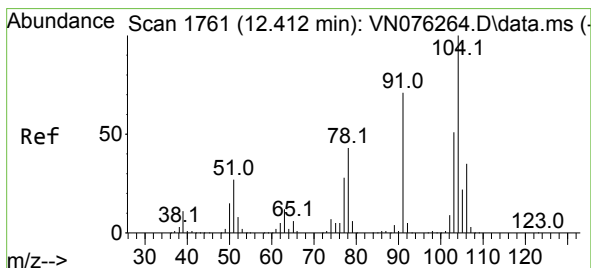
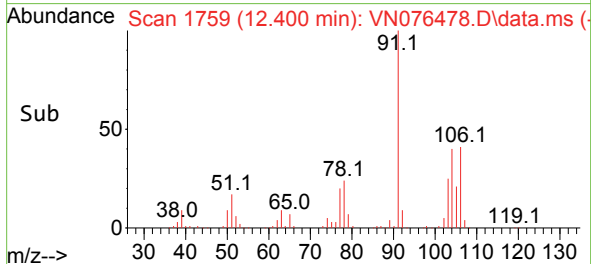
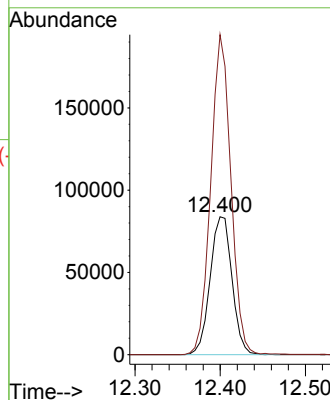
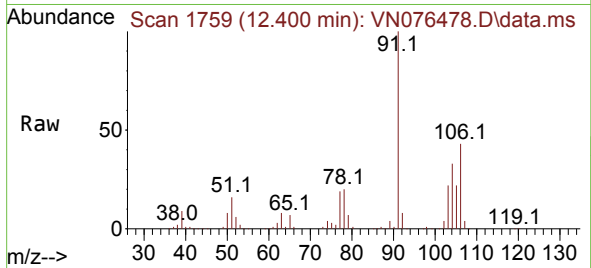




#69
o-Xylene
Concen: 19.003 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

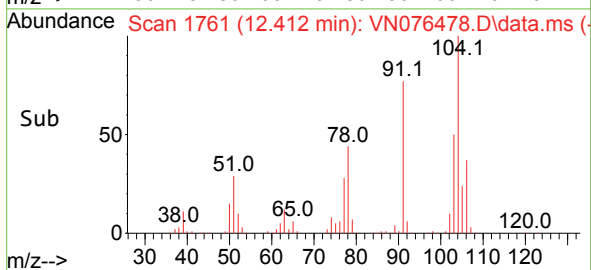
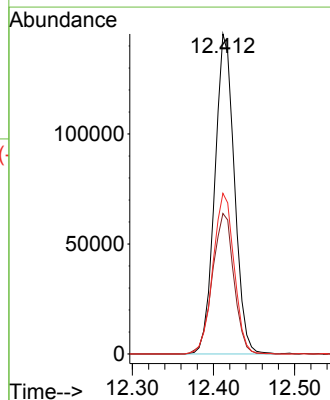
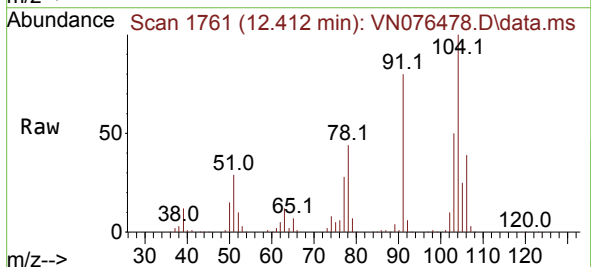
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

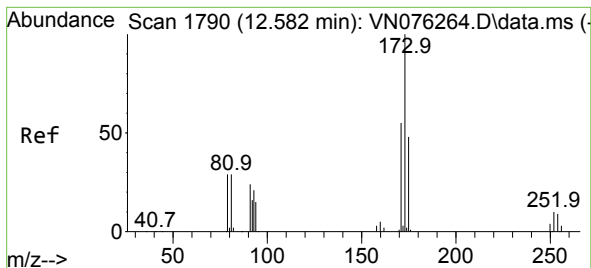
Tgt Ion:106 Resp: 149217
Ion Ratio Lower Upper
106 100
91 214.7 103.2 309.4



#70
Styrene
Concen: 19.517 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion:104 Resp: 244699
Ion Ratio Lower Upper
104 100
78 48.0 37.4 56.0
103 53.9 44.2 66.2





#71

Bromoform

Concen: 19.928 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

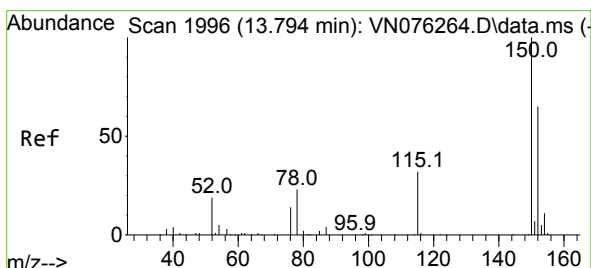
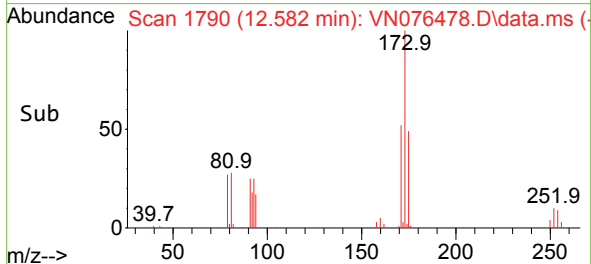
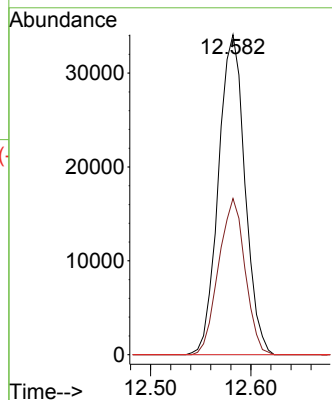
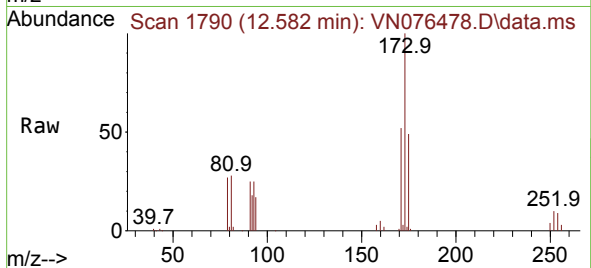
Tgt Ion:173 Resp: 62385

Ion Ratio Lower Upper

173 100

175 48.8 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: VN076478.D

Acq: 31 Jan 2023 11:12

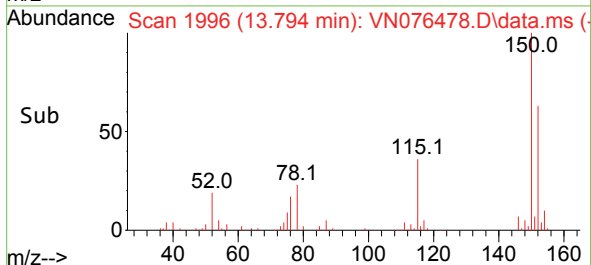
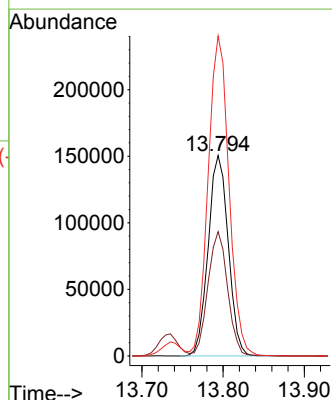
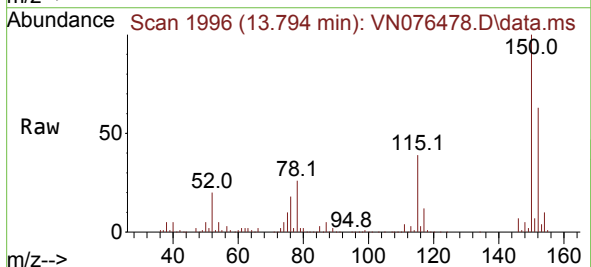
Tgt Ion:152 Resp: 258906

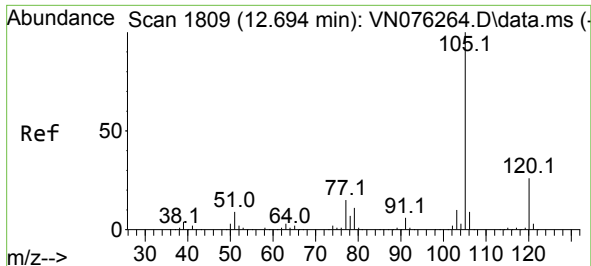
Ion Ratio Lower Upper

152 100

115 60.3 29.6 88.9

150 164.9 0.0 351.4

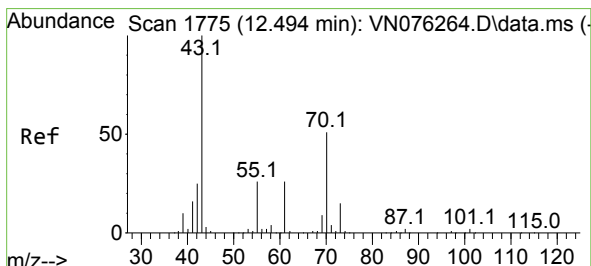
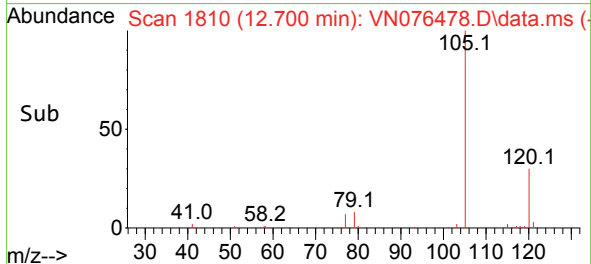
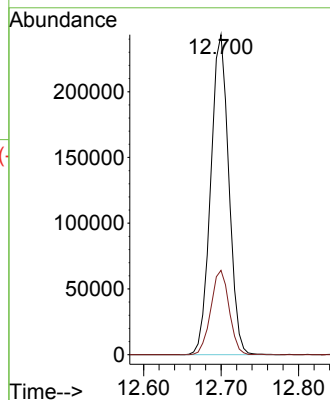
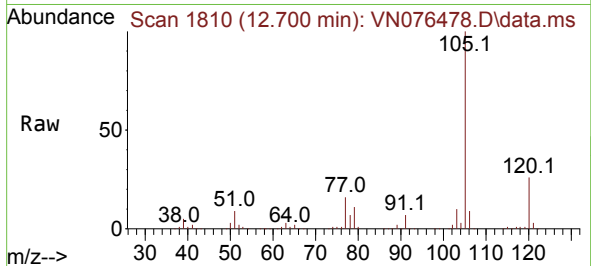




#73
Isopropylbenzene
Concen: 19.685 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

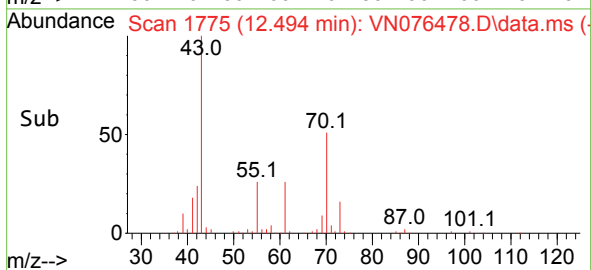
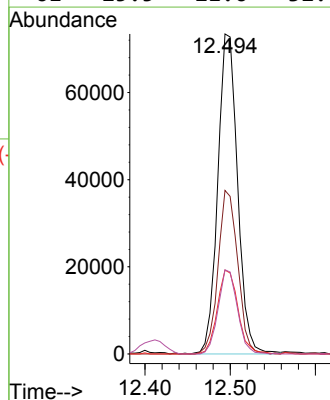
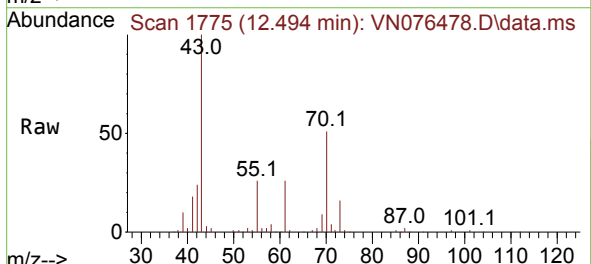
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

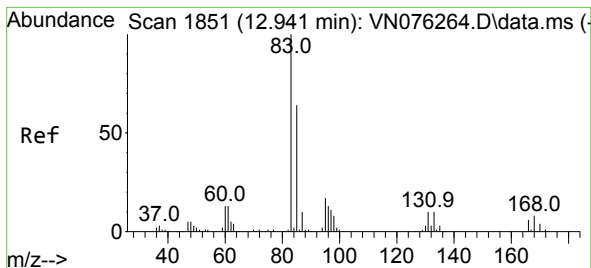
Tgt Ion:105 Resp: 394270
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 20.596 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 43 Resp: 118663
Ion Ratio Lower Upper
43 100
70 50.7 41.2 61.8
55 27.3 21.0 31.6
61 25.5 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.164 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

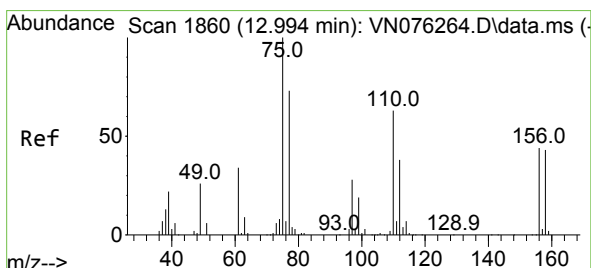
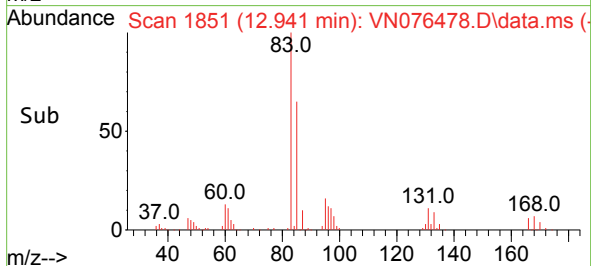
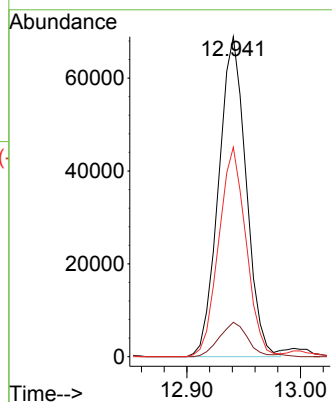
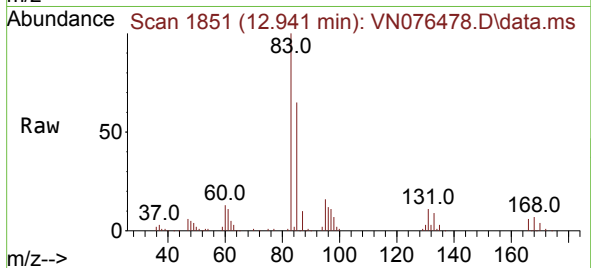
Tgt Ion: 83 Resp: 116101

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

85 65.0 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 29.393 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN076478.D

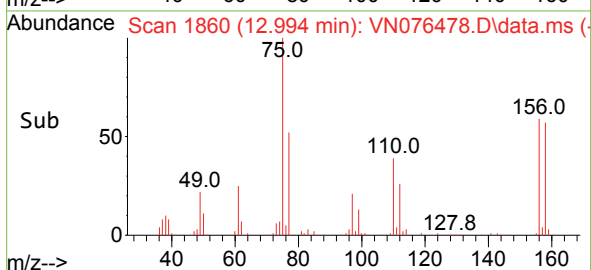
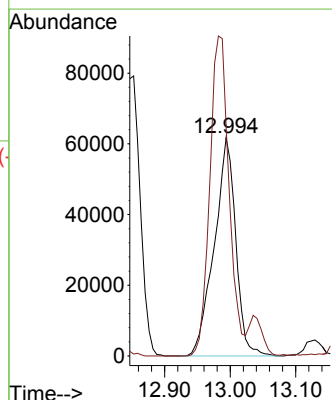
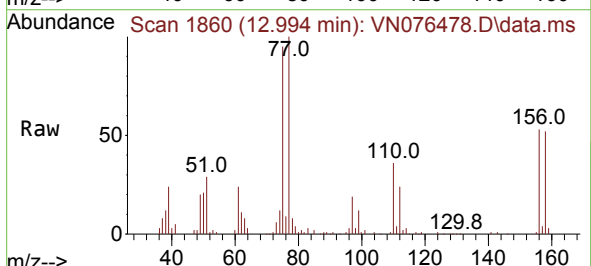
Acq: 31 Jan 2023 11:12

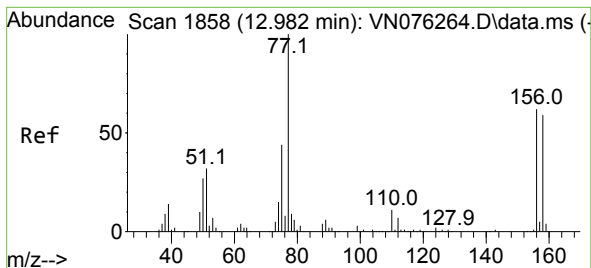
Tgt Ion: 75 Resp: 140479

Ion Ratio Lower Upper

75 100

77 132.0 75.2 225.6





#77

Bromobenzene

Concen: 19.676 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

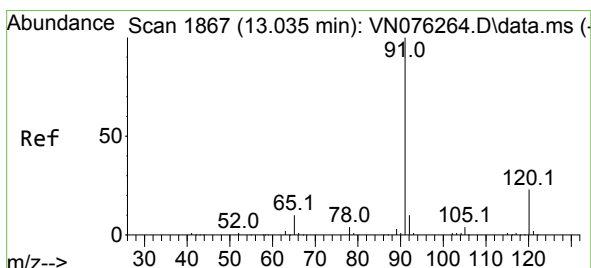
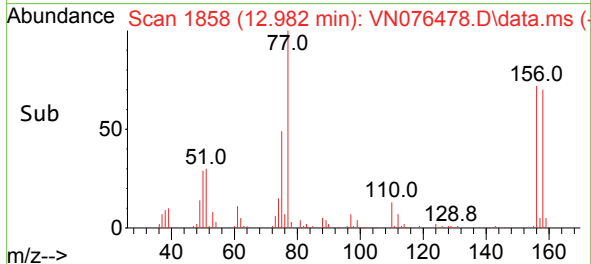
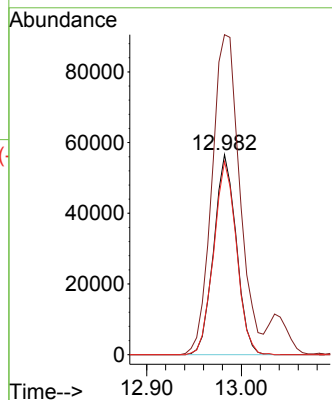
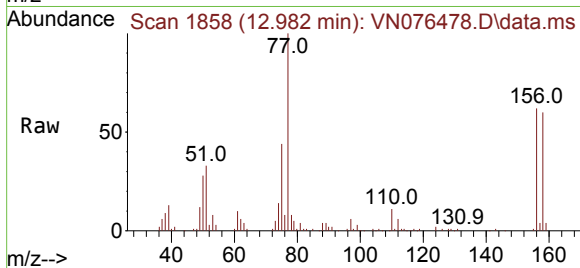
Tgt Ion:156 Resp: 93733

Ion Ratio Lower Upper

156 100

77 197.9 93.4 280.2

158 97.7 48.4 145.2



#78

n-propylbenzene

Concen: 19.866 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VN076478.D

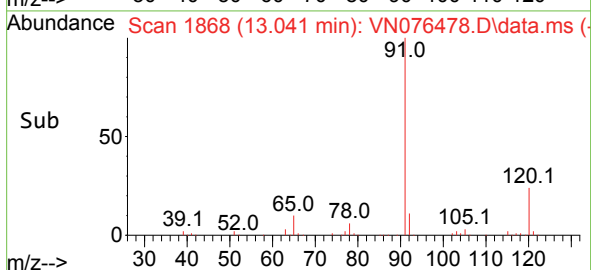
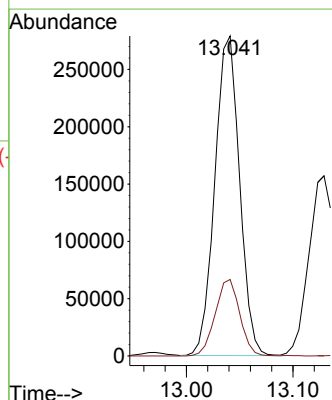
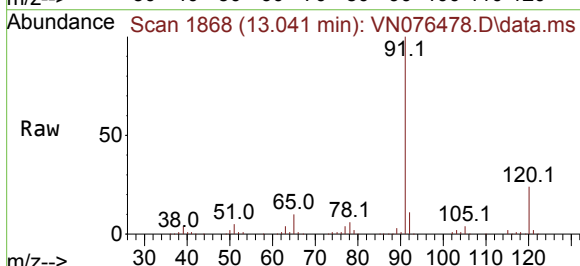
Acq: 31 Jan 2023 11:12

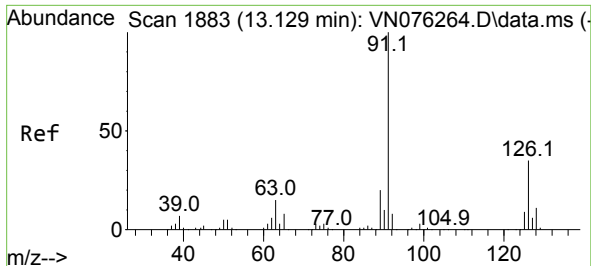
Tgt Ion: 91 Resp: 448954

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.5

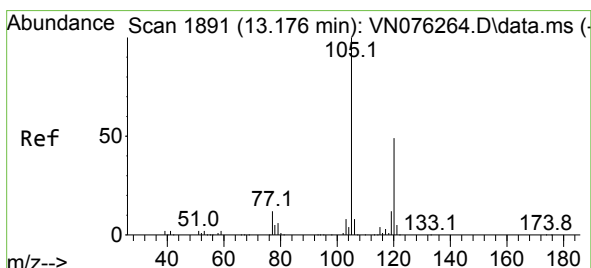
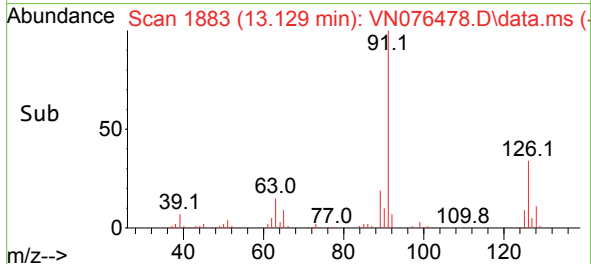
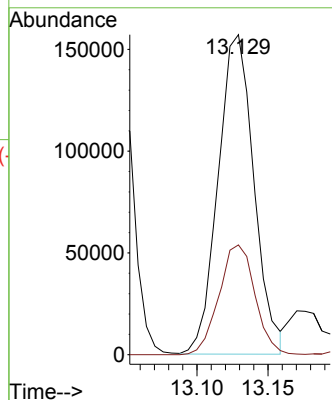
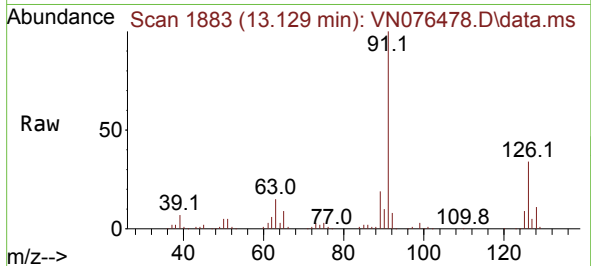




#79
2-Chlorotoluene
Concen: 19.853 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

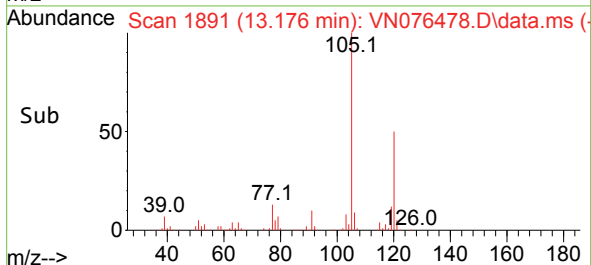
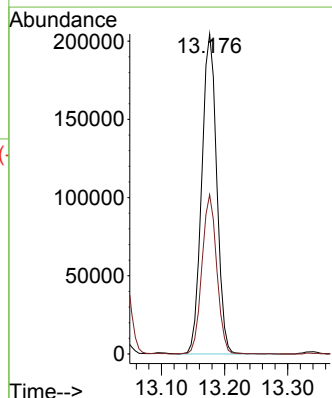
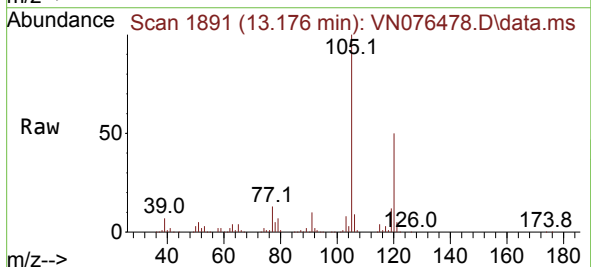
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

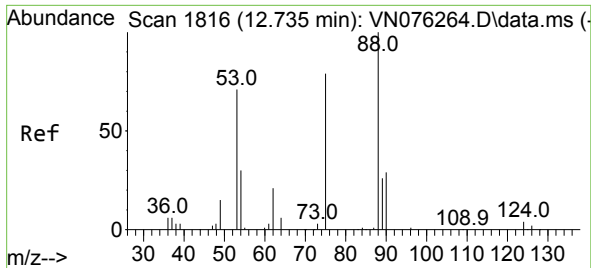
Tgt Ion: 91 Resp: 275313
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.127 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 105 Resp: 337725
Ion Ratio Lower Upper
105 100
120 49.1 25.0 75.0

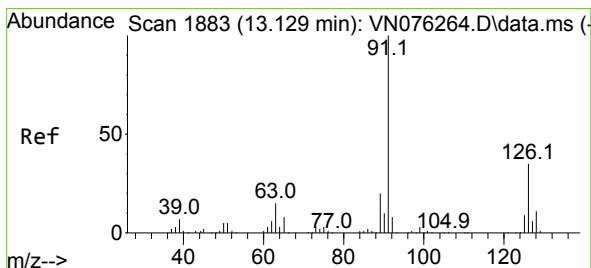
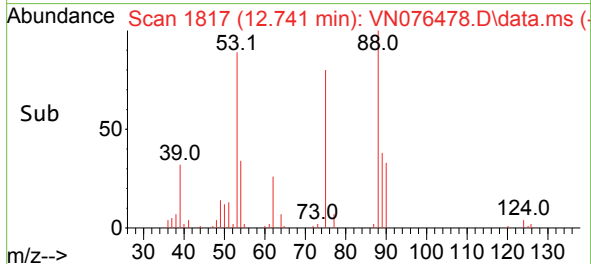
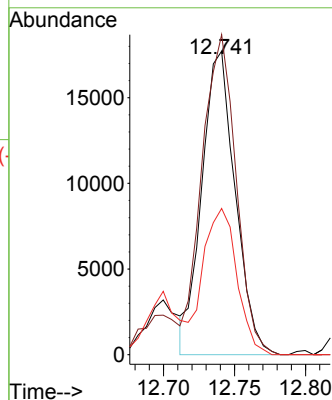
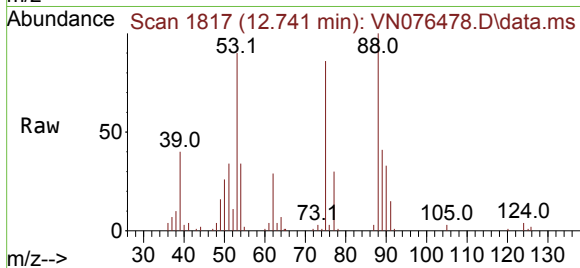




#81
trans-1,4-Dichloro-2-butene
Concen: 18.596 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

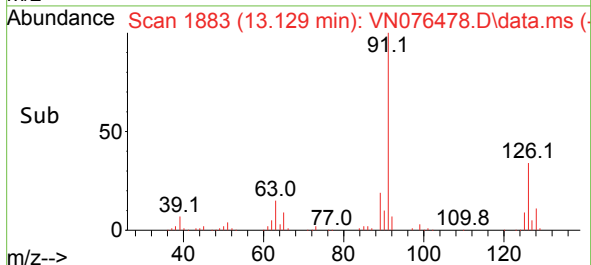
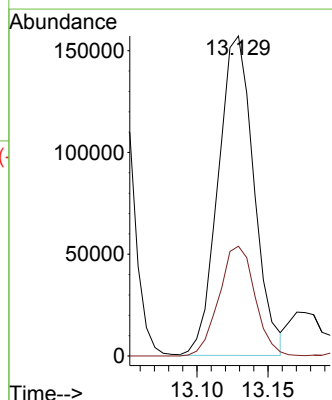
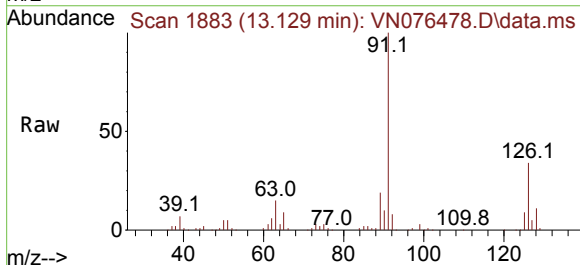
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

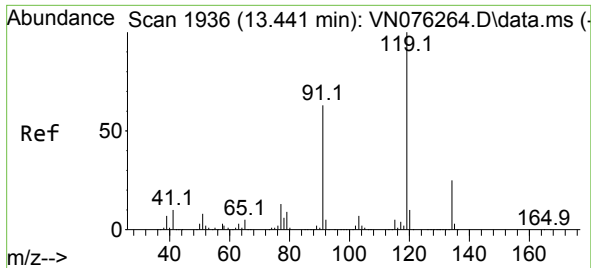
Tgt Ion: 75 Resp: 28937
Ion Ratio Lower Upper
75 100
53 107.9 75.8 113.8
89 48.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 19.853 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 91 Resp: 275313
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.2

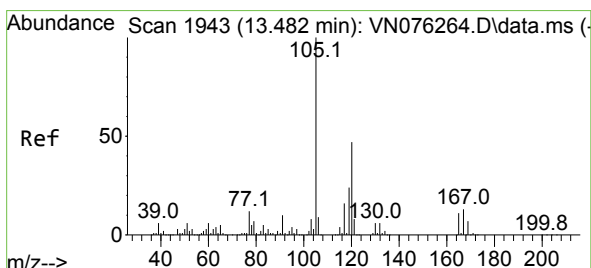
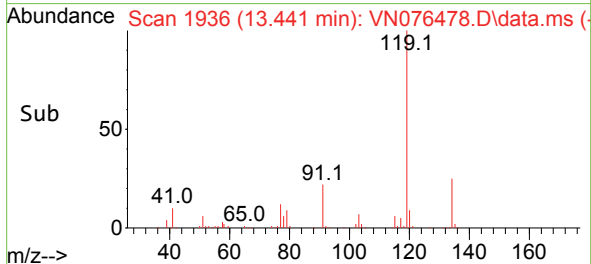
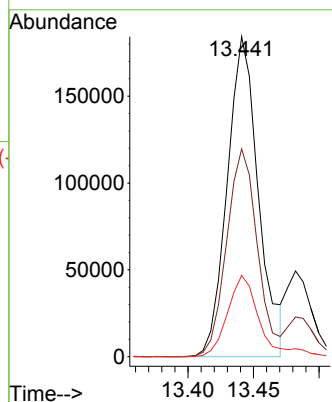
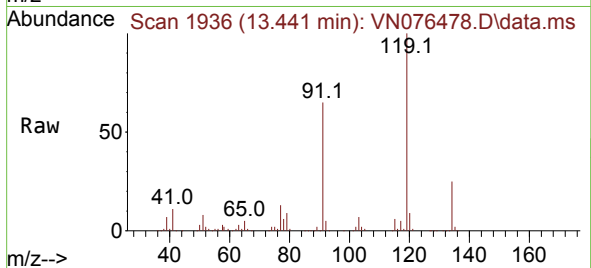




#83
 tert-Butylbenzene
 Concen: 20.474 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. -0.000 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

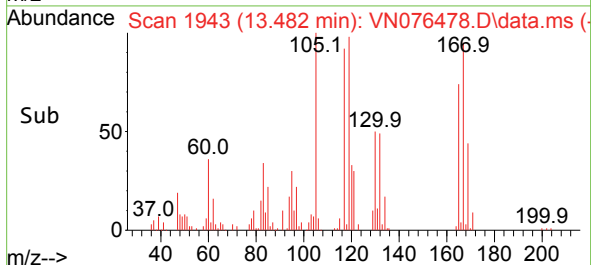
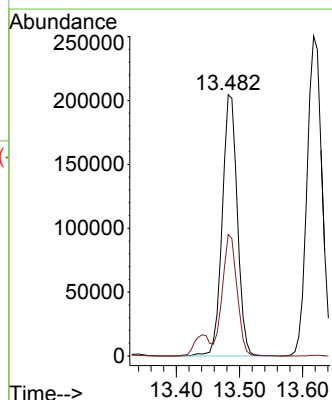
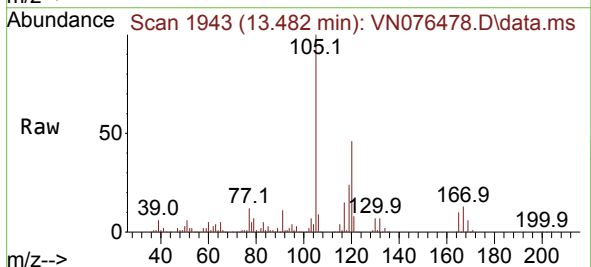
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

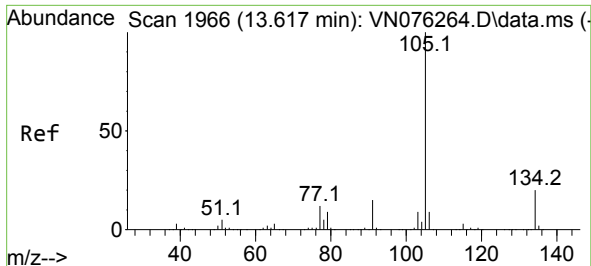
Tgt Ion:119 Resp: 305548
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.2 96.6
 134 26.1 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.240 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

Tgt Ion:105 Resp: 340544
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.9 68.5

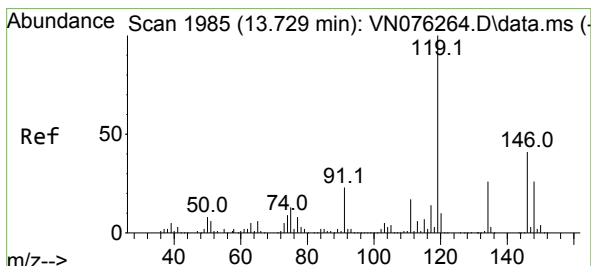
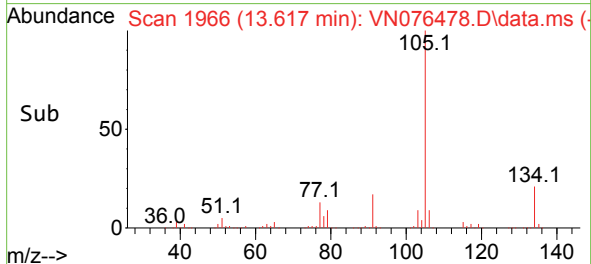
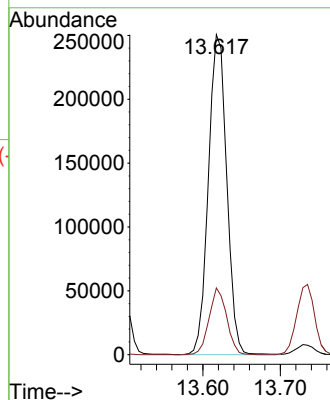
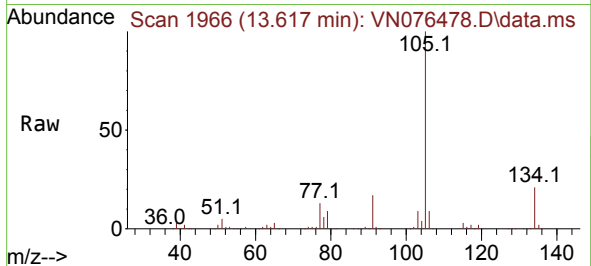




#85
 sec-Butylbenzene
 Concen: 19.868 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

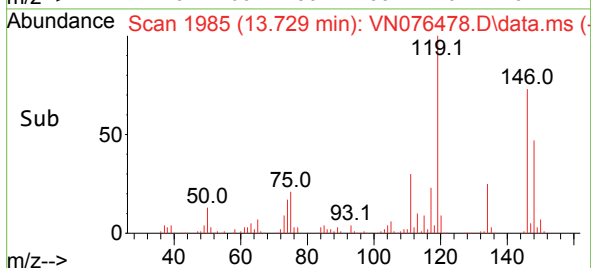
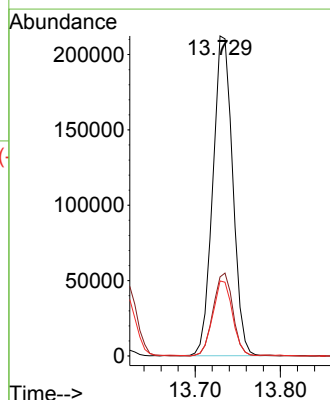
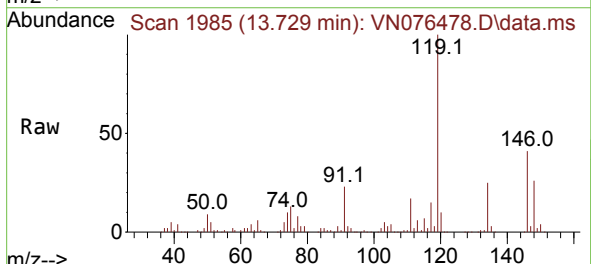
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

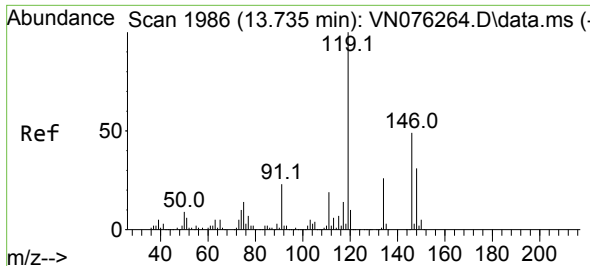
Tgt Ion:105 Resp: 411439
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 20.158 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

Tgt Ion:119 Resp: 343264
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.6
 91 23.5 11.8 35.3

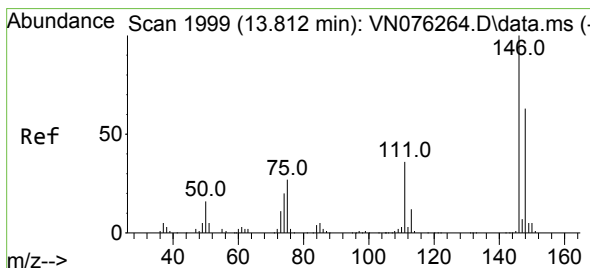
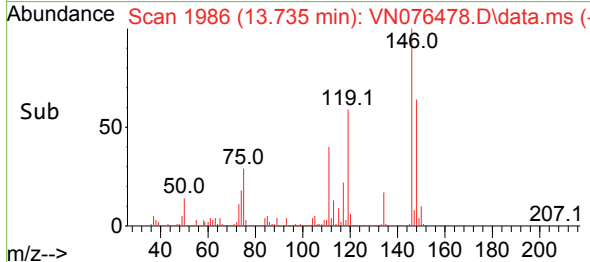
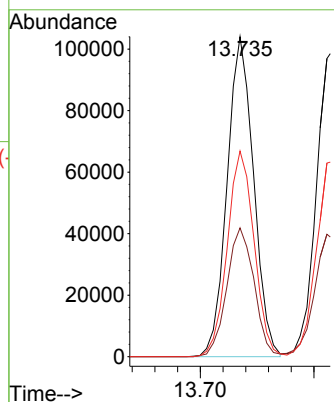
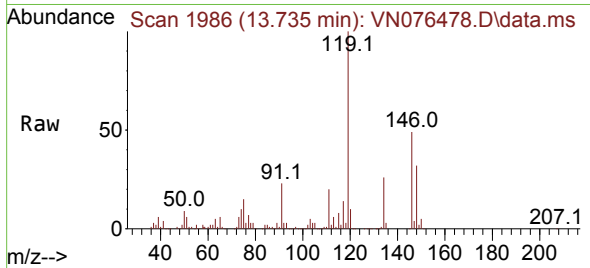




#87
 1,3-Dichlorobenzene
 Concen: 17.834 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

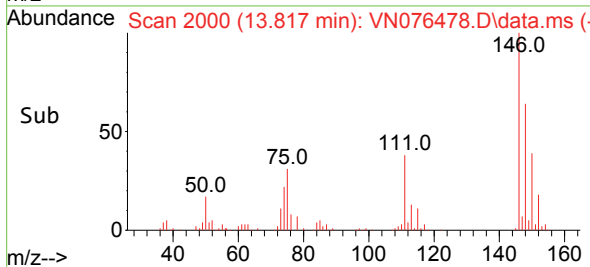
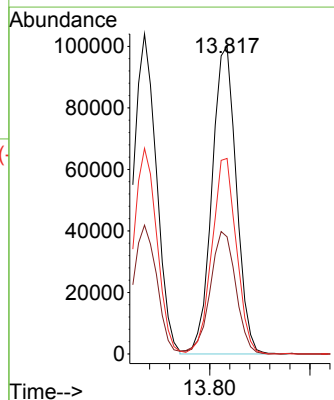
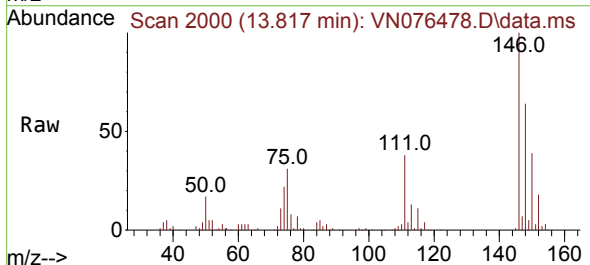
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

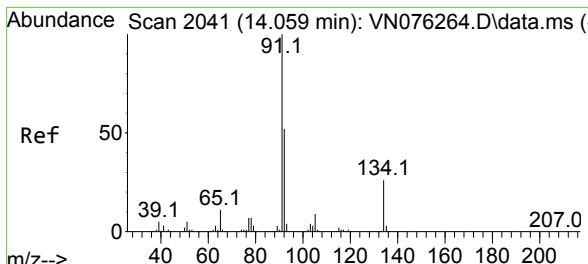
Tgt Ion:146 Resp: 168359
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.9 59.7
 148 65.1 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 18.870 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.005 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

Tgt Ion:146 Resp: 168888
 Ion Ratio Lower Upper
 146 100
 111 41.8 19.1 57.5
 148 63.9 31.9 95.9

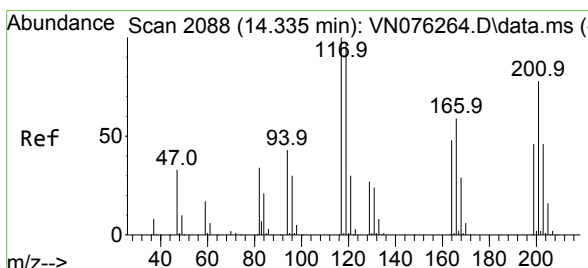
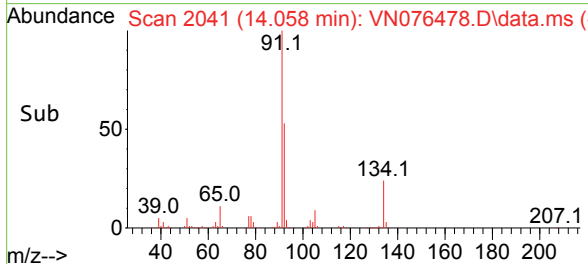
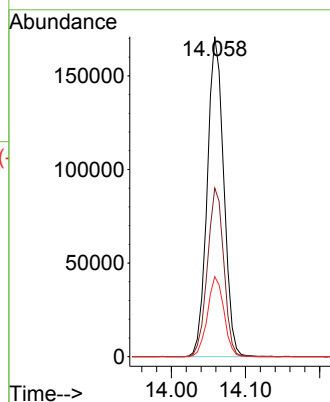
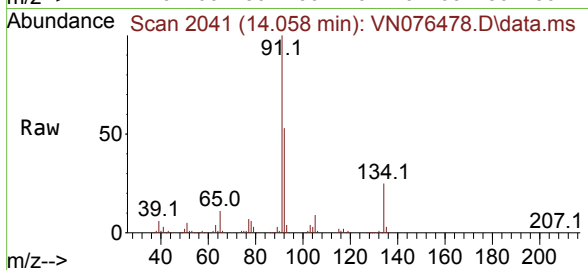




#89
n-Butylbenzene
Concen: 19.559 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.001 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

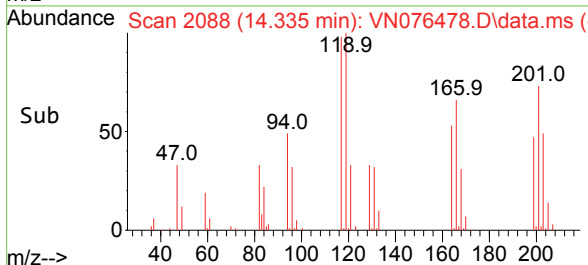
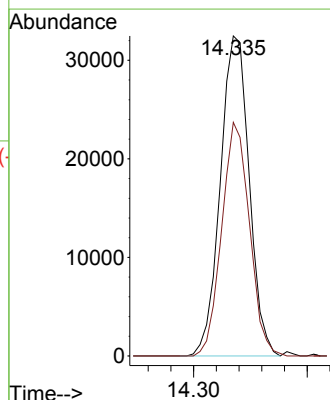
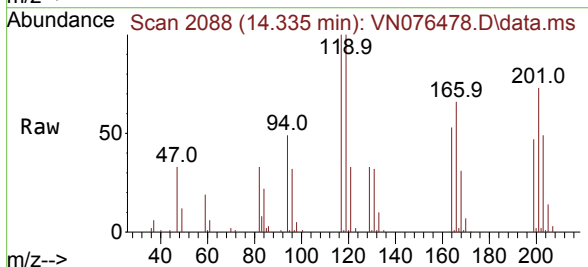
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

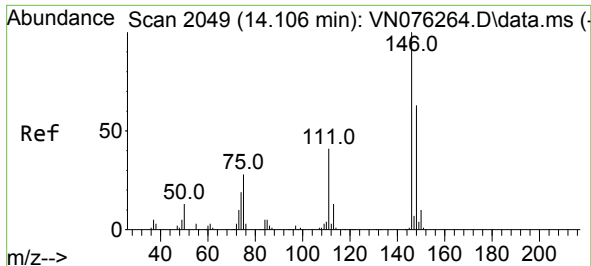
Tgt Ion: 91 Resp: 264399
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.9
134 25.0 13.2 39.5



#90
Hexachloroethane
Concen: 19.504 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 117 Resp: 57322
Ion Ratio Lower Upper
117 100
201 70.3 37.3 111.9

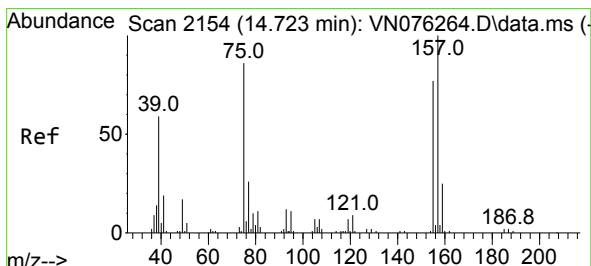
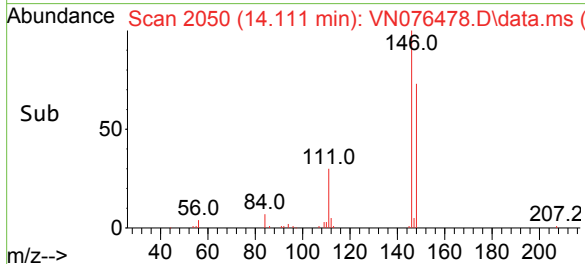
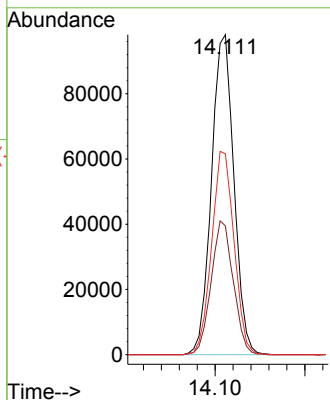
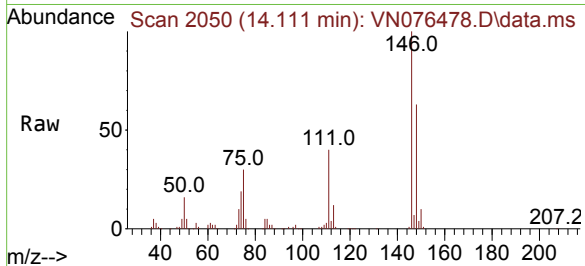




#91
1,2-Dichlorobenzene
Concen: 18.092 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.005 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

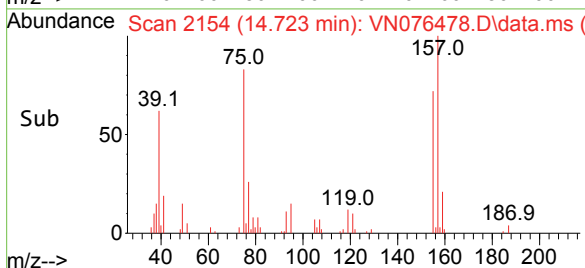
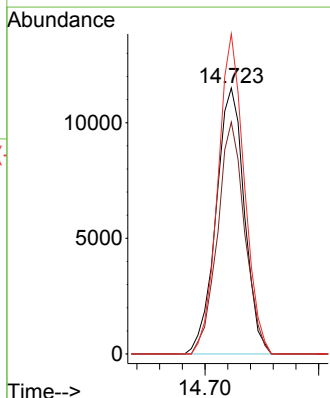
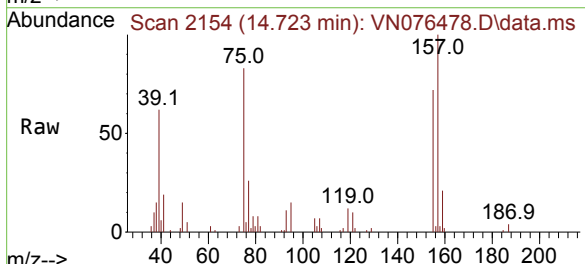
Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

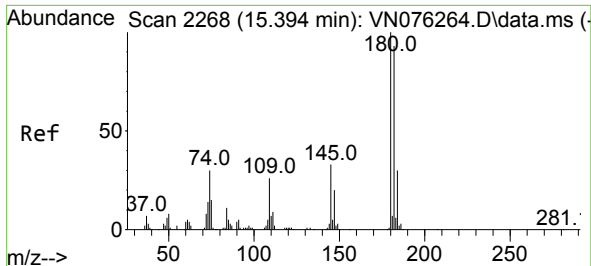
Tgt Ion:146 Resp: 170114
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.8
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.897 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076478.D
Acq: 31 Jan 2023 11:12

Tgt Ion: 75 Resp: 19914
Ion Ratio Lower Upper
75 100
155 83.8 45.0 135.0
157 111.8 58.3 174.9

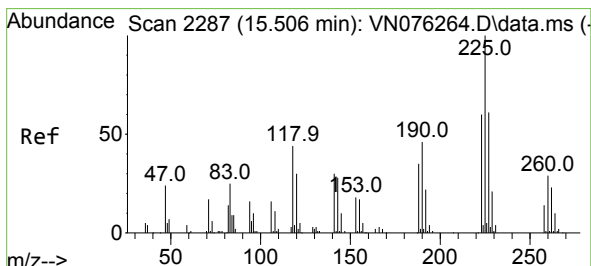
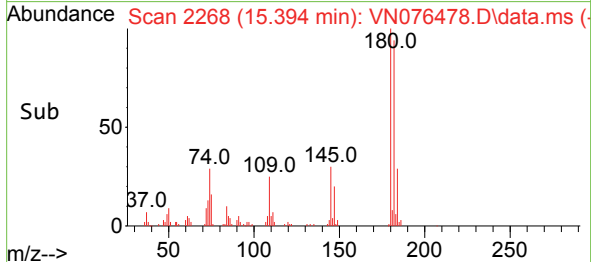
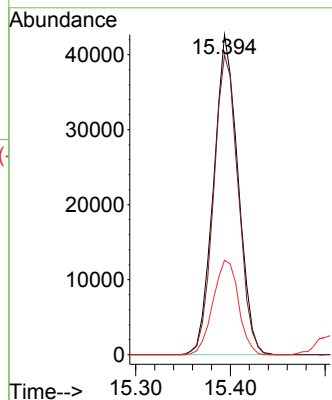
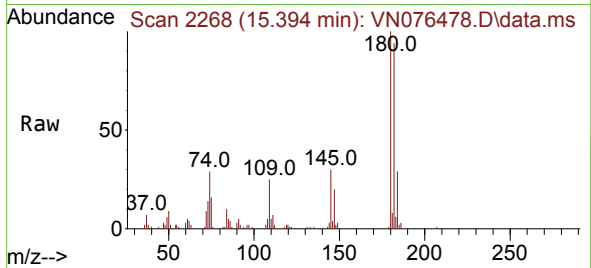




#93
 1,2,4-Trichlorobenzene
 Concen: 17.663 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

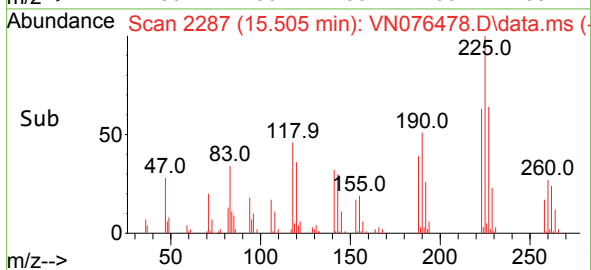
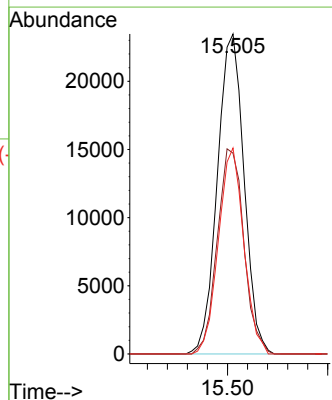
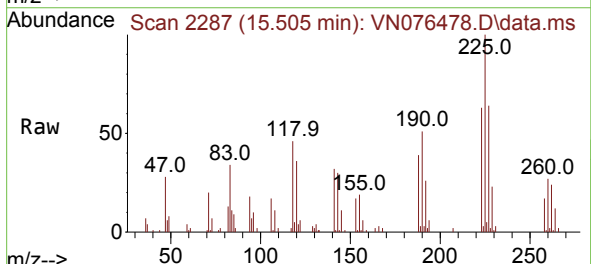
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

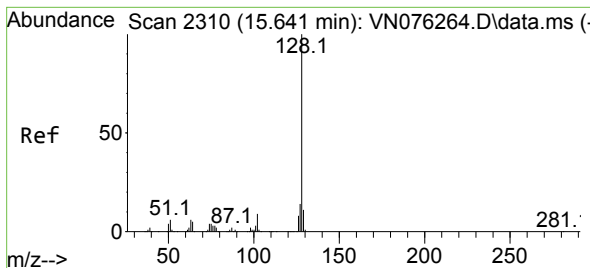
Tgt Ion:180 Resp: 76311
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.0 141.2
 145 30.8 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 17.379 ug/l
 RT: 15.505 min Scan# 2287
 Delta R.T. -0.001 min
 Lab File: VN076478.D
 Acq: 31 Jan 2023 11:12

Tgt Ion:225 Resp: 43363
 Ion Ratio Lower Upper
 225 100
 223 63.8 30.8 92.3
 227 60.9 30.9 92.8





#95

Naphthalene

Concen: 16.951 ug/l

RT: 15.641 min Scan# 211058

Delta R.T. -0.000 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0131WBSD01

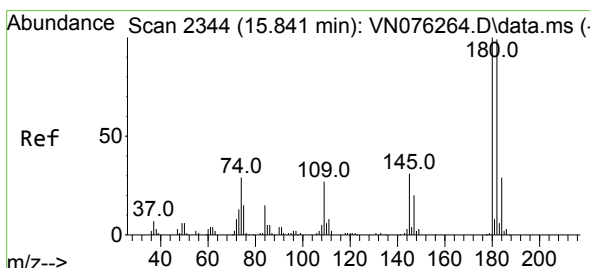
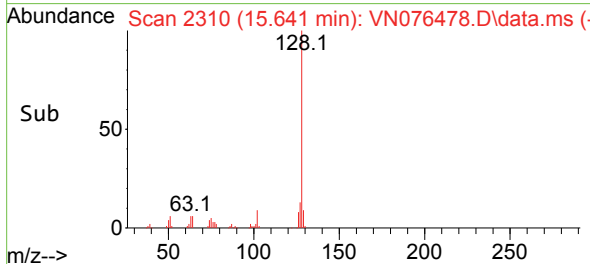
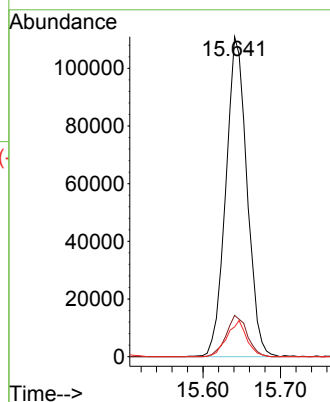
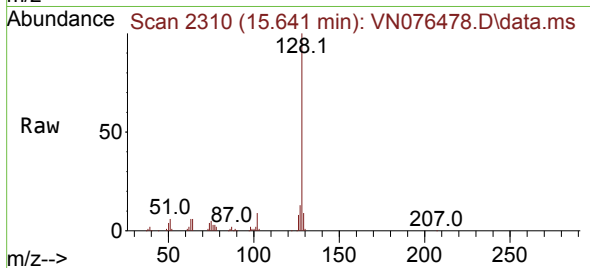
Tgt Ion:128 Resp: 211058

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.580 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076478.D

Acq: 31 Jan 2023 11:12

Tgt Ion:180 Resp: 72814

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.5

145 34.3 15.9 47.6

