

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076231.D
 Acq On : 12 Jan 2023 15:27
 Operator : JC\MD
 Sample : 01130-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230111061-02-VOA

Quant Time: Jan 13 02:00:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	387620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	597278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	530884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	241043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	206295	48.921	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.840%
35) Dibromofluoromethane	8.171	113	179694	48.581	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	10.571	98	696485	50.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.720%
62) 4-Bromofluorobenzene	12.853	95	231066	50.445	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.900%

Target Compounds						Qvalue
4) Vinyl Chloride	2.530	62	1531	0.375	ug/l #	71
8) Diethyl Ether	3.971	74	6210	2.745	ug/l	90
11) Tert butyl alcohol	5.530	59	3282250	5500.739	ug/l	100
14) Allyl chloride	4.953	41	30844	7.680	ug/l #	34
15) Acrylonitrile	5.530	53	32571	20.003	ug/l #	22
16) Acetone	4.442	43	15177	10.441	ug/l	95
17) Carbon Disulfide	4.736	76	3141	0.378	ug/l #	57
19) Methyl tert-butyl Ether	5.806	73	20198	1.785	ug/l #	90
20) Methylene Chloride	5.306	84	59	Below Cal	#	58
25) 2-Butanone	7.441	43	113245	55.638	ug/l #	64
26) 2,2-Dichloropropane	7.441	77	185487	33.664	ug/l #	50
27) cis-1,2-Dichloroethene	7.494	96	3808	0.846	ug/l #	25
28) Bromochloromethane	7.841	49	1973	0.692	ug/l #	4
29) Tetrahydrofuran	7.841	42	940171	737.085	ug/l	99
31) Cyclohexane	8.235	56	7808	1.293	ug/l #	26
36) 1,1-Dichloropropene	8.230	75	29650	6.034	ug/l #	50
37) Ethyl Acetate	7.565	43	9380	2.377	ug/l #	65
38) Carbon Tetrachloride	8.235	117	38496	7.000	ug/l #	15
40) Benzene	8.612	78	48281	3.185	ug/l	93
41) Methacrylonitrile	7.841	41	539003	262.735	ug/l #	39
42) 1,2-Dichloroethane	8.688	62	2016	0.400	ug/l #	72
43) Isopropyl Acetate	8.659	43	12547	1.927	ug/l #	54
49) 1,4-Dioxane	9.700	88	5588	77.516	ug/l #	92
51) 4-Methyl-2-Pentanone	10.565	43	14700	3.734	ug/l	97
52) Toluene	10.635	92	49770	5.041	ug/l	97
55) 1,1,2-Trichloroethane	10.929	97	2027	0.523	ug/l #	32
59) 2-Hexanone	11.065	43	14630	5.095	ug/l	63
65) Chlorobenzene	11.888	112	9093	0.835	ug/l	94
67) Ethyl Benzene	11.965	91	19562	1.064	ug/l	99
68) m/p-Xylenes	12.065	106	63667	8.747	ug/l	99
69) o-Xylene	12.400	106	43615	6.055	ug/l	99
70) Styrene	12.406	104	5658	0.494	ug/l #	1
71) Bromoform	12.847	173	1296	0.441	ug/l #	1
73) Isopropylbenzene	12.694	105	5608	0.322	ug/l	95
74) N-amyl acetate	12.465	43	4106	0.804	ug/l #	39
76) 1,2,3-Trichloropropane	12.853	75	122489	25.210	ug/l #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076231.D
 Acq On : 12 Jan 2023 15:27
 Operator : JC\MD
 Sample : 01130-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230111061-02-VOA

Quant Time: Jan 13 02:00:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

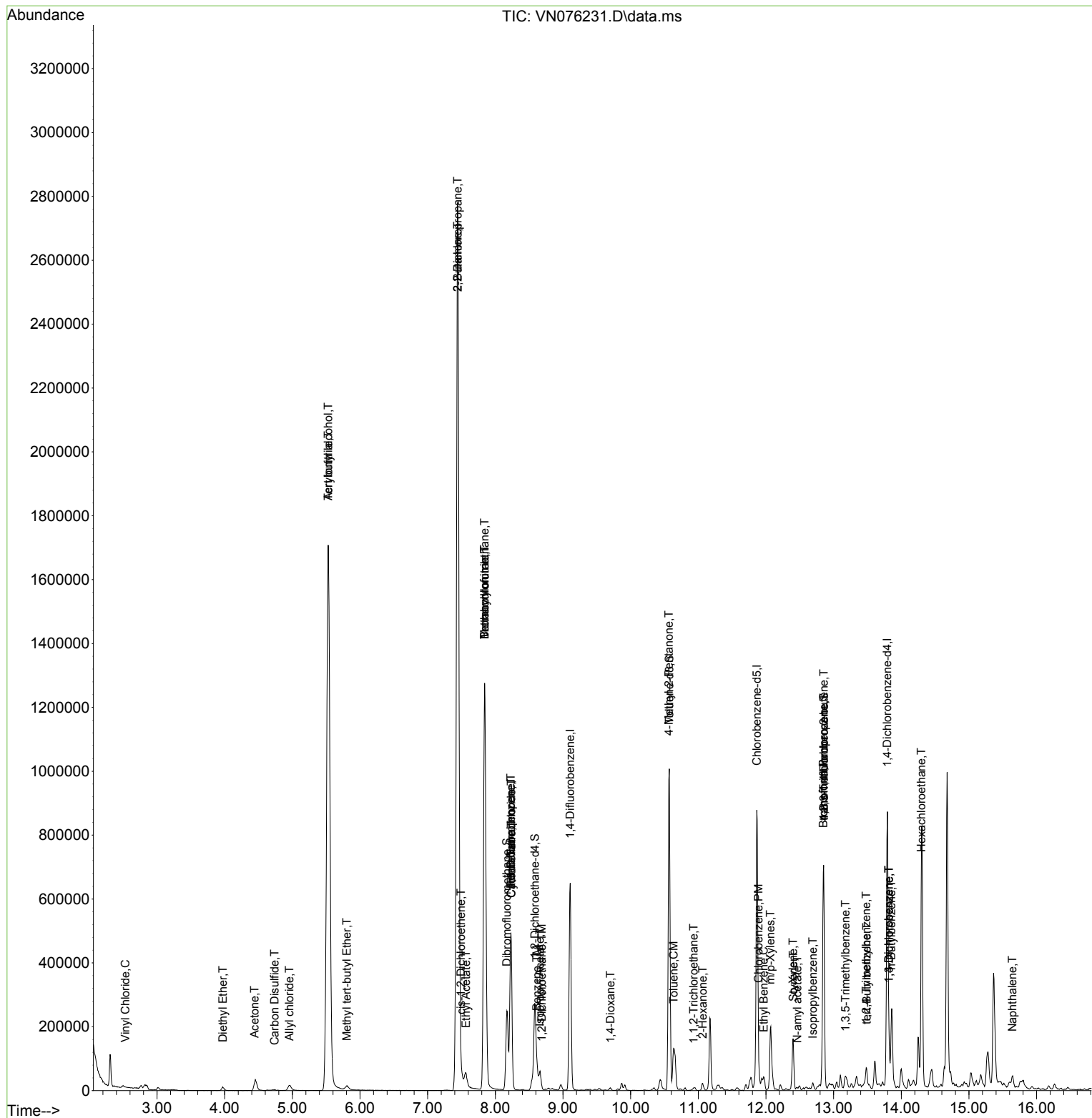
80) 1,3,5-Trimethylbenzene	13.176	105	16504	1.132	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	122489	90.742	ug/l #	12
83) tert-Butylbenzene	13.488	119	5060	0.394	ug/l #	53
84) 1,2,4-Trimethylbenzene	13.482	105	35534	2.457	ug/l	100
87) 1,3-Dichlorobenzene	13.817	146	26255	3.224	ug/l	92
88) 1,4-Dichlorobenzene	13.817	146	26255	3.156	ug/l	93
89) n-Butylbenzene	13.853	91	4192	0.351	ug/l	93
90) Hexachloroethane	14.294	117	2228	0.844	ug/l #	11
95) Naphthalene	15.641	128	36444	4.835	ug/l #	93

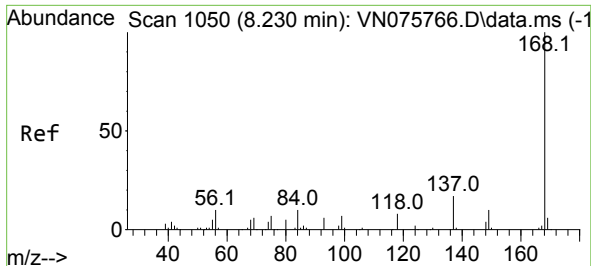
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076231.D
 Acq On : 12 Jan 2023 15:27
 Operator : JC\MD
 Sample : 01130-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230111061-02-VOA

Quant Time: Jan 13 02:00:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

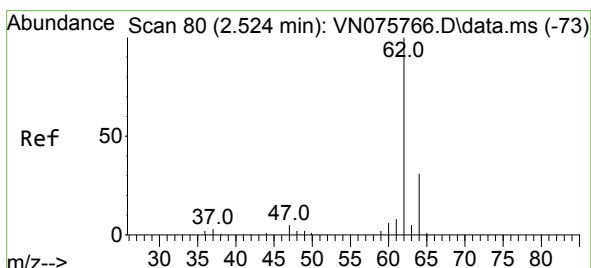
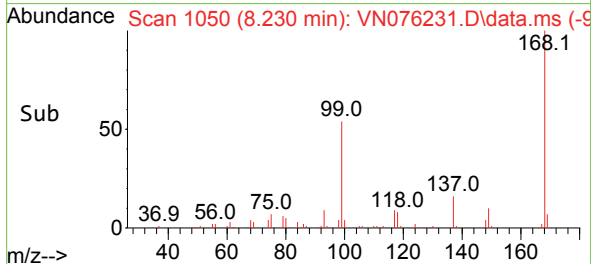
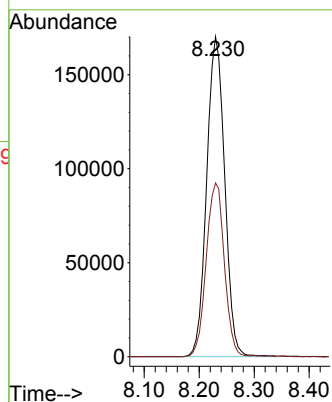
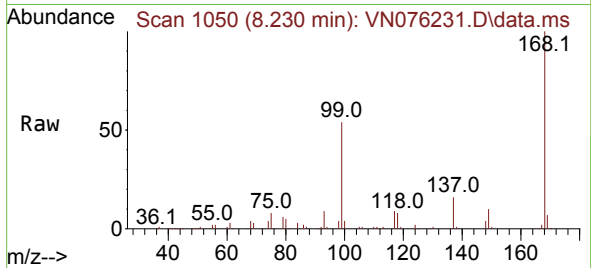




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

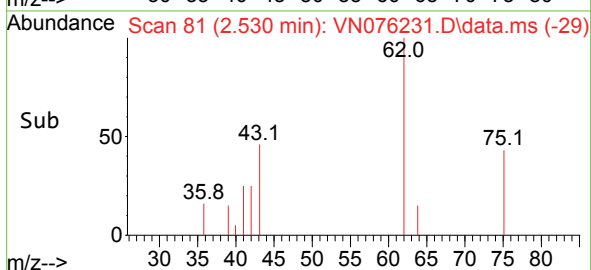
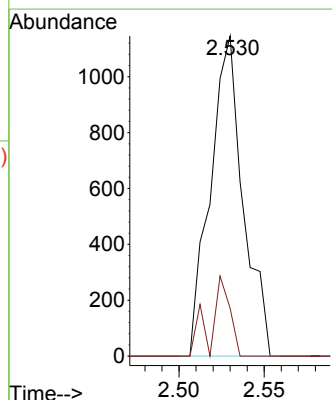
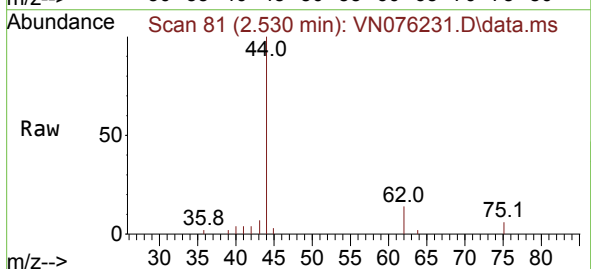
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

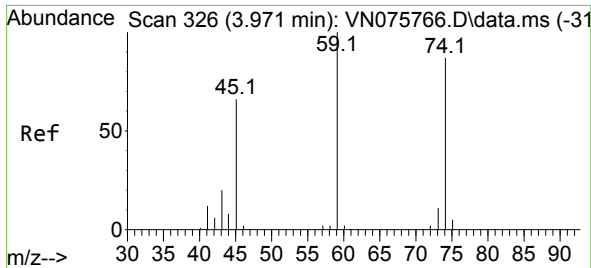
Tgt Ion:168 Resp: 387620
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#4
Vinyl Chloride
Concen: 0.375 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion: 62 Resp: 1531
Ion Ratio Lower Upper
62 100
64 14.9 24.9 37.3#

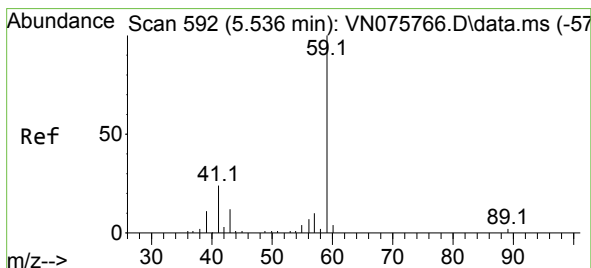
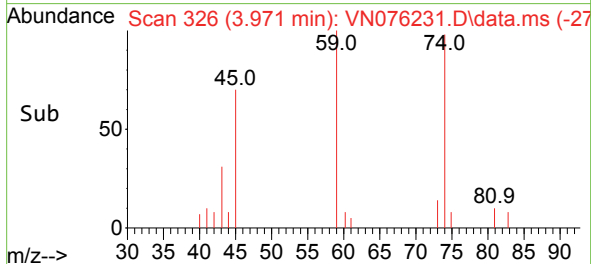
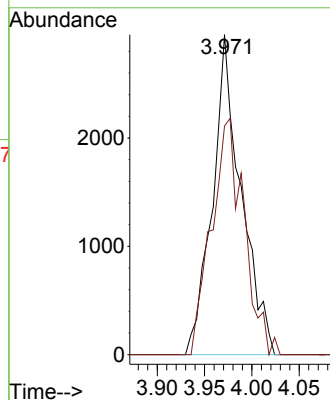
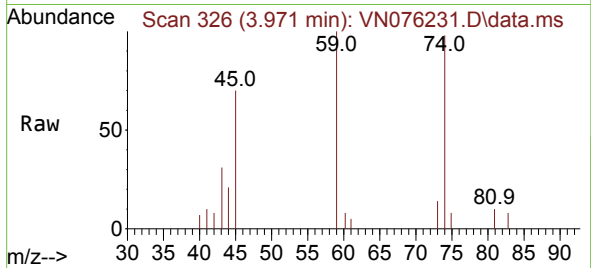




#8
Diethyl Ether
Concen: 2.745 ug/l
RT: 3.971 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

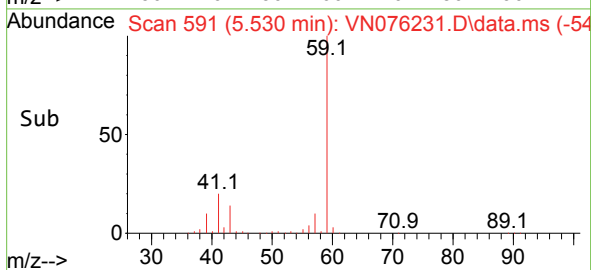
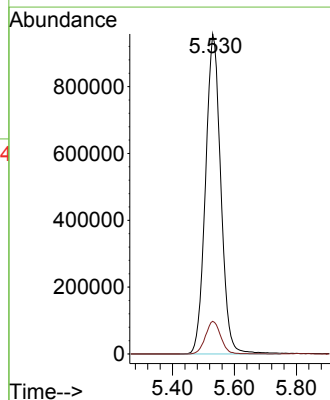
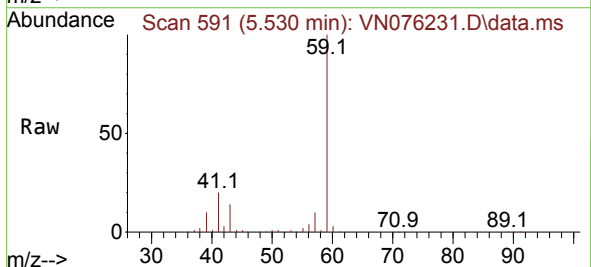
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

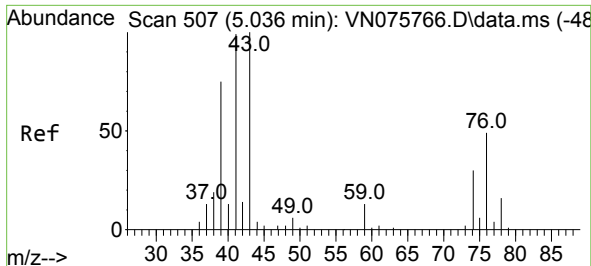
Tgt Ion: 74 Resp: 6210
Ion Ratio Lower Upper
74 100
45 83.9 37.8 113.4



#11
Tert butyl alcohol
Concen: 5500.739 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion: 59 Resp: 3282250
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

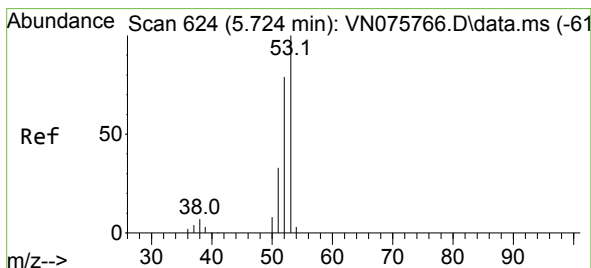
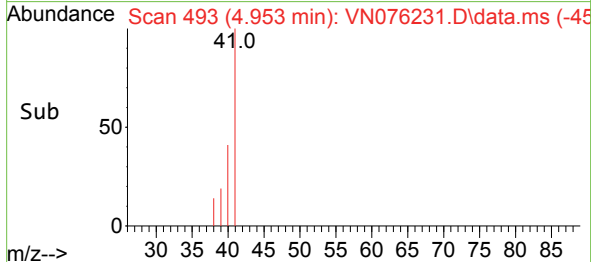
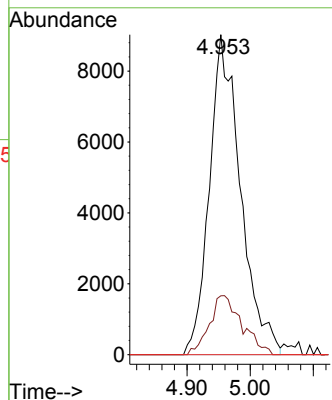
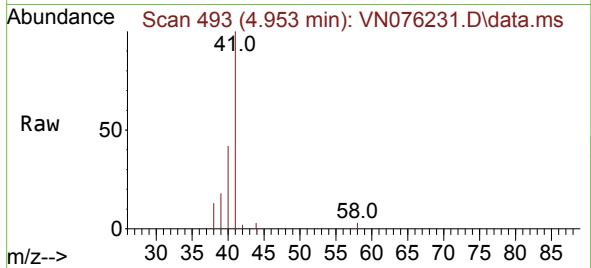




#14
 Allyl chloride
 Concen: 7.680 ug/l
 RT: 4.953 min Scan# 493
 Delta R.T. -0.082 min
 Lab File: VN076231.D
 Acq: 12 Jan 2023 15:27

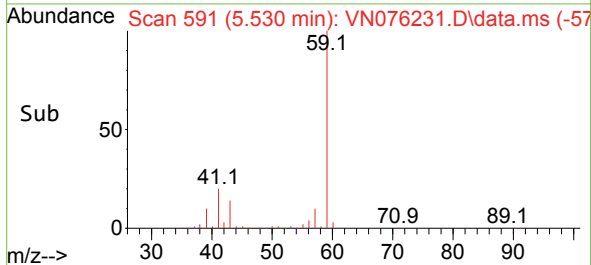
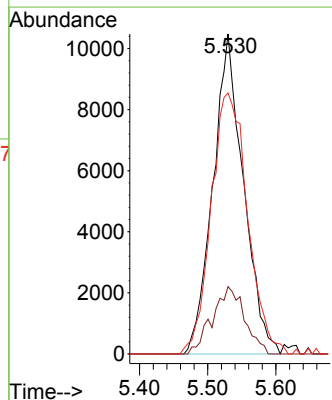
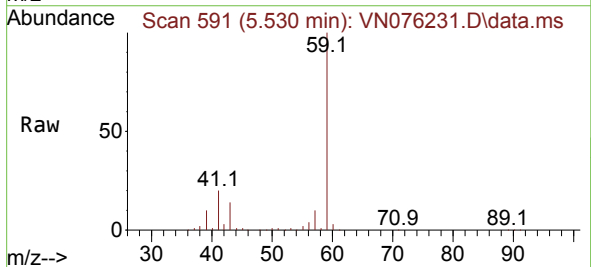
Instrument :
 MSVOA_N
 ClientSampleId :
 230111061-02-VOA

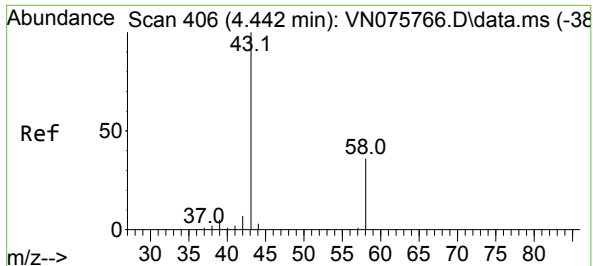
Tgt Ion	Ratio	Lower	Upper
41	100		
39	19.4	58.3	87.5#
76	0.0	35.8	53.6#



#15
 Acrylonitrile
 Concen: 20.003 ug/l
 RT: 5.530 min Scan# 591
 Delta R.T. -0.194 min
 Lab File: VN076231.D
 Acq: 12 Jan 2023 15:27

Tgt Ion	Ratio	Lower	Upper
53	100		
52	22.2	65.4	98.0#
51	97.2	28.9	43.3#

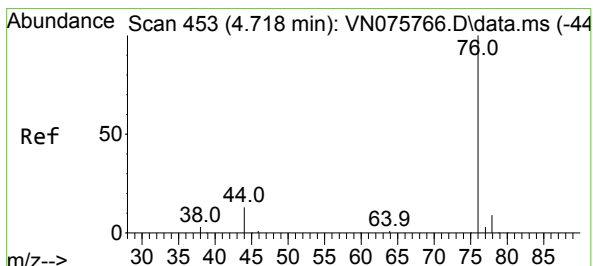
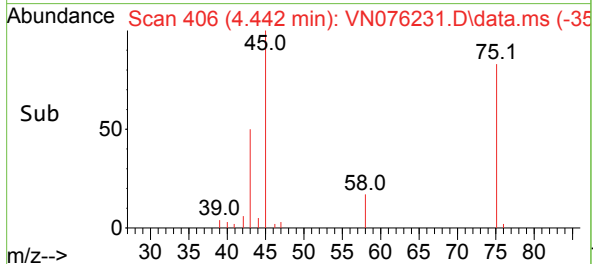
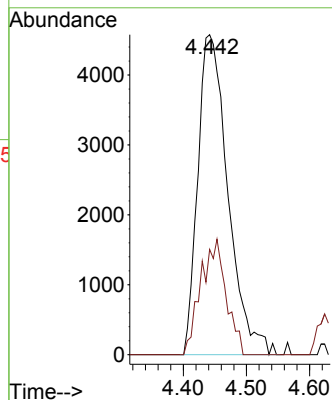
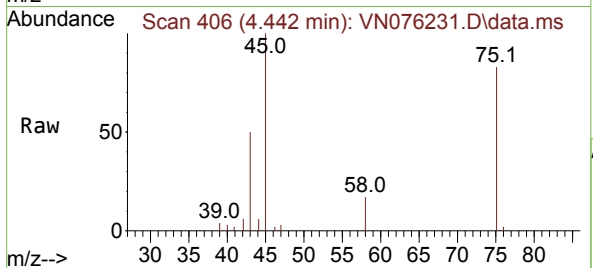




#16
Acetone
Concen: 10.441 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

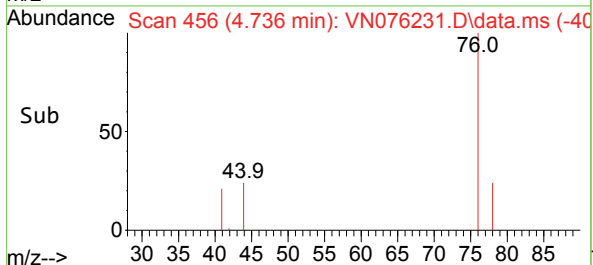
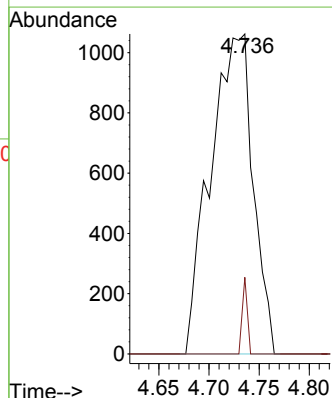
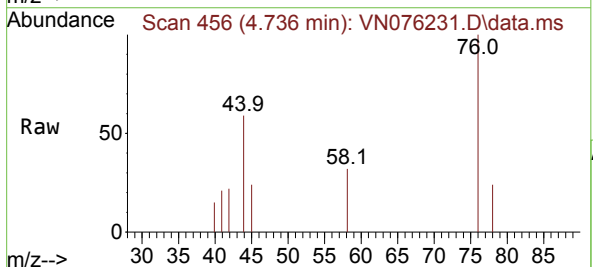
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

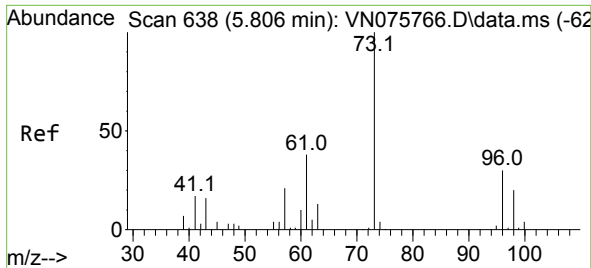
Tgt Ion: 43 Resp: 15177
Ion Ratio Lower Upper
43 100
58 32.9 28.6 43.0



#17
Carbon Disulfide
Concen: 0.378 ug/l
RT: 4.736 min Scan# 456
Delta R.T. 0.018 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion: 76 Resp: 3141
Ion Ratio Lower Upper
76 100
78 23.9 6.8 10.2#

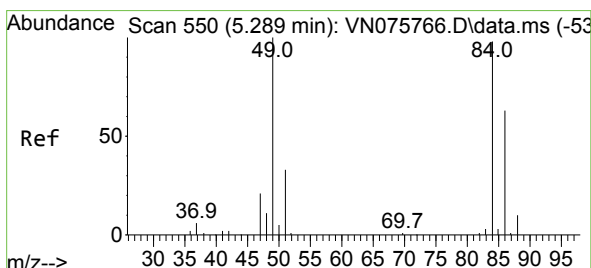
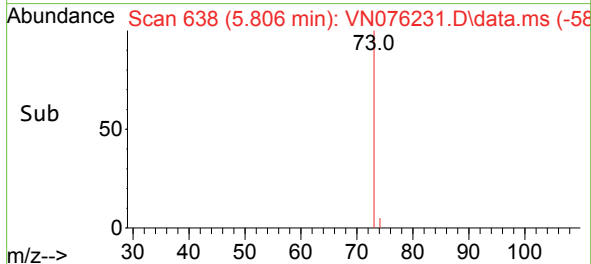
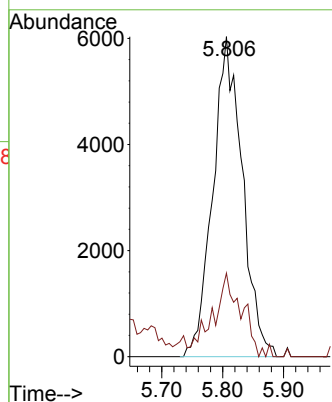
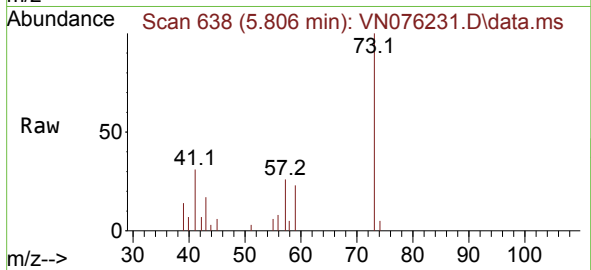




#19
Methyl tert-butyl Ether
Concen: 1.785 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

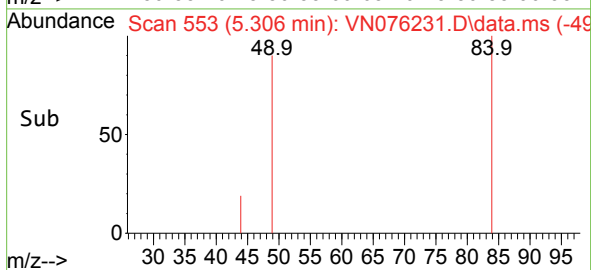
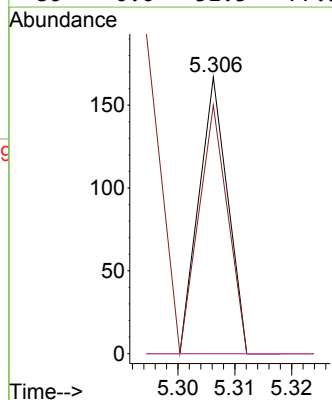
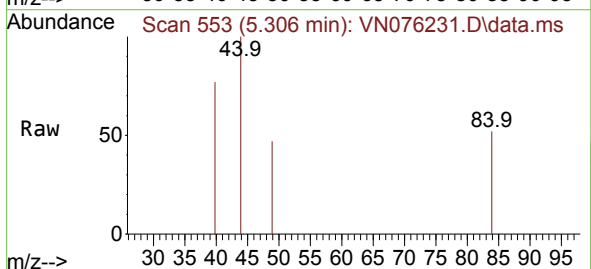
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

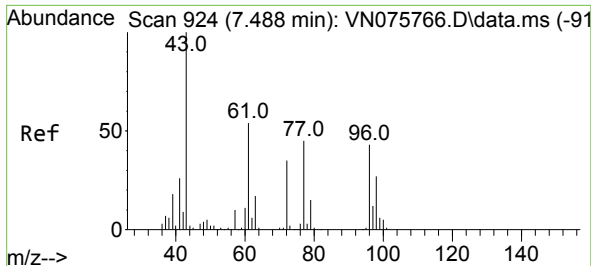
Tgt Ion: 73 Resp: 20198
Ion Ratio Lower Upper
73 100
57 26.1 17.1 25.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.306 min Scan# 553
Delta R.T. 0.017 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion: 84 Resp: 59
Ion Ratio Lower Upper
84 100
49 89.8 81.8 122.6
51 0.0 26.7 40.1#
86 0.0 51.5 77.3#

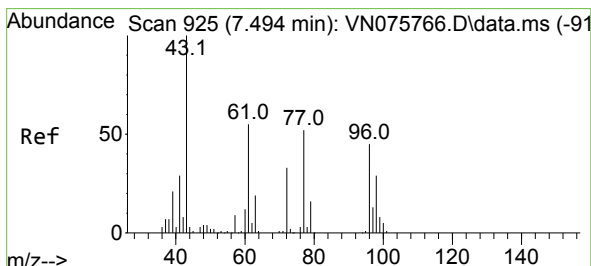
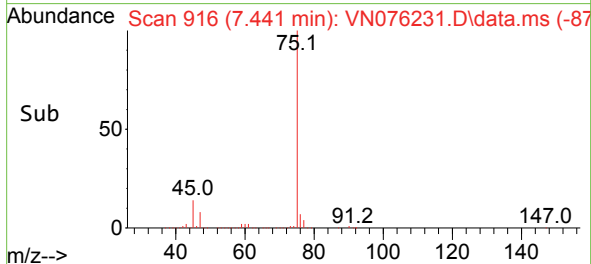
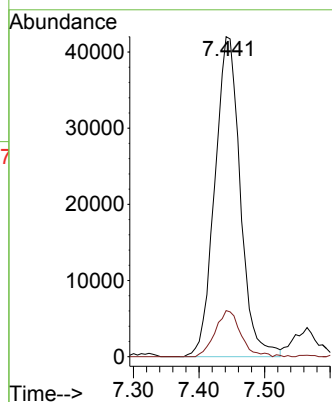
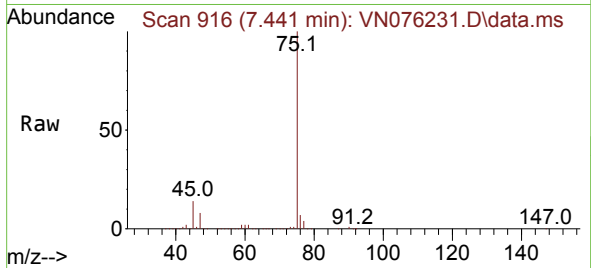




#25
2-Butanone
Concen: 55.638 ug/l
RT: 7.441 min Scan# 916
Delta R.T. -0.047 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

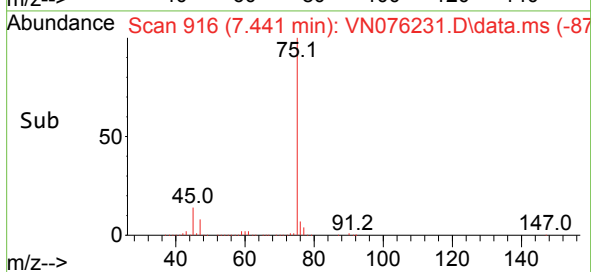
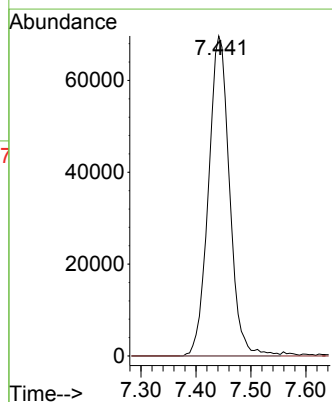
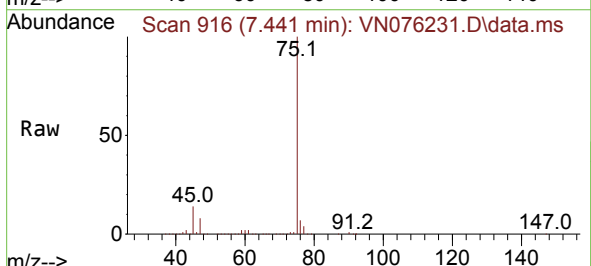
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

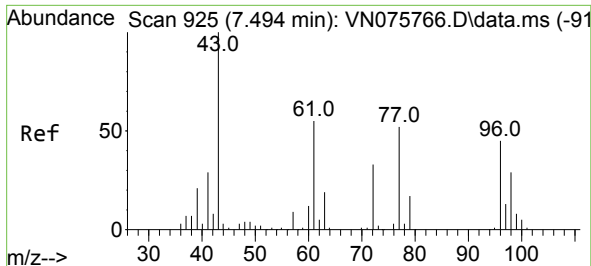
Tgt Ion: 43 Resp: 113245
Ion Ratio Lower Upper
43 100
72 14.4 28.0 42.0#



#26
2,2-Dichloropropane
Concen: 33.664 ug/l
RT: 7.441 min Scan# 916
Delta R.T. -0.053 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion: 77 Resp: 185487
Ion Ratio Lower Upper
77 100
97 0.0 12.7 38.0#





#27

cis-1,2-Dichloroethene

Concen: 0.846 ug/l

RT: 7.494 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076231.D

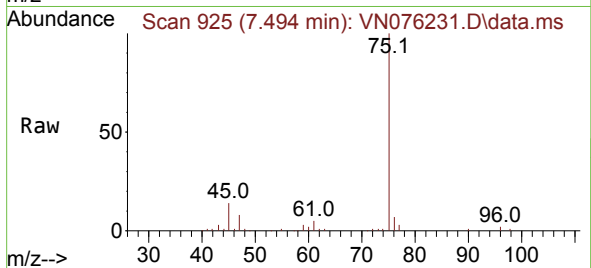
Acq: 12 Jan 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

230111061-02-VOA



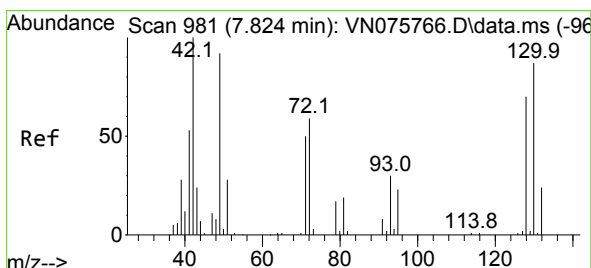
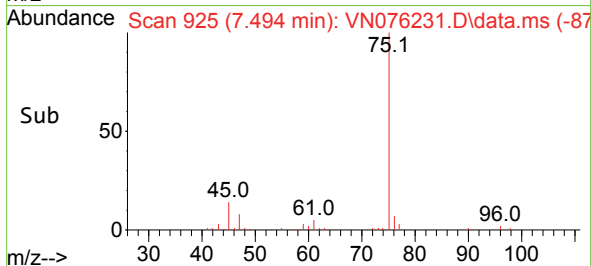
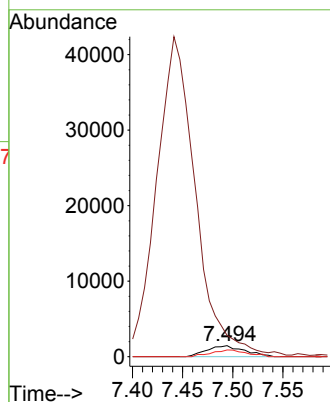
Tgt Ion: 96 Resp: 3808

Ion Ratio Lower Upper

96 100

61 0.0 0.0 247.8

98 57.2 0.0 128.4



#28

Bromochloromethane

Concen: 0.692 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.018 min

Lab File: VN076231.D

Acq: 12 Jan 2023 15:27

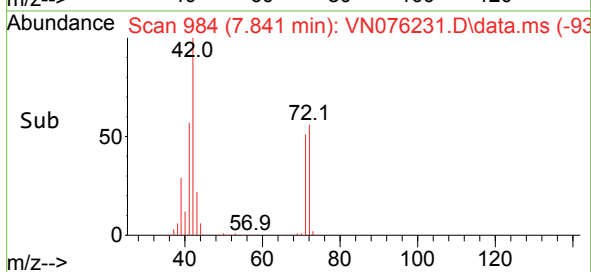
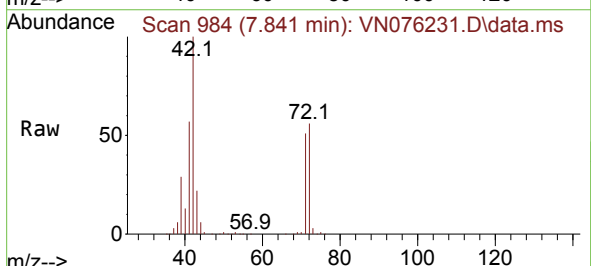
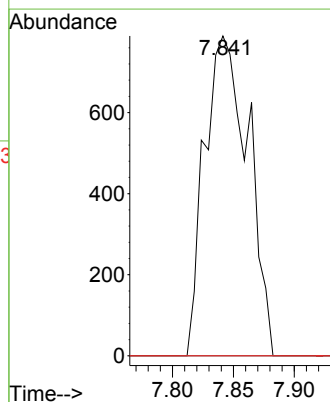
Tgt Ion: 49 Resp: 1973

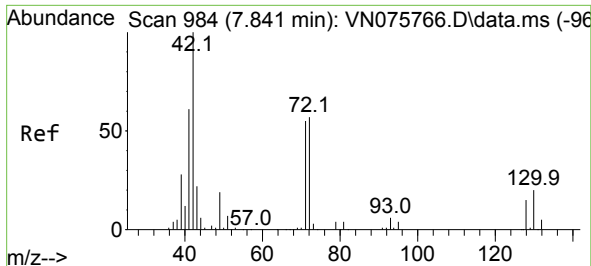
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 0.0 77.0 115.4





#29

Tetrahydrofuran

Concen: 737.085 ug/l

RT: 7.841 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076231.D

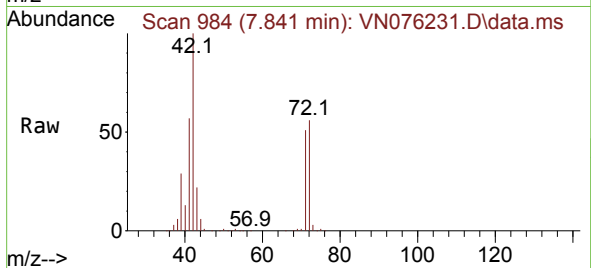
Acq: 12 Jan 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

230111061-02-VOA



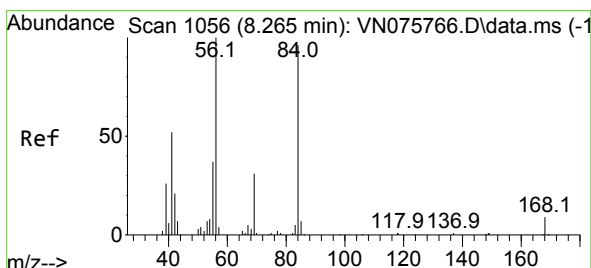
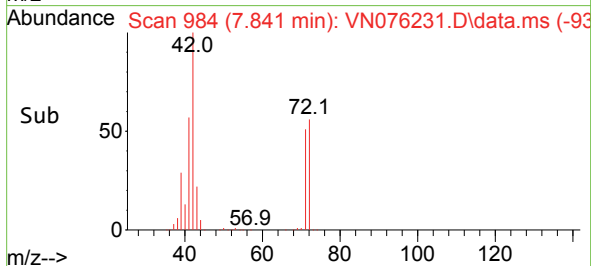
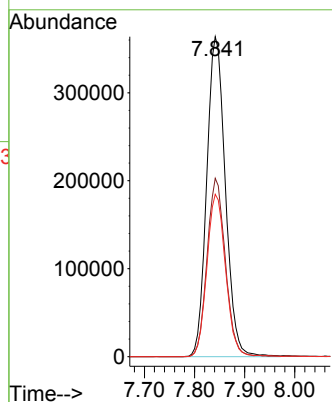
Tgt Ion: 42 Resp: 940171

Ion Ratio Lower Upper

42 100

72 54.9 44.5 66.7

71 51.1 41.0 61.6



#31

Cyclohexane

Concen: 1.293 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.029 min

Lab File: VN076231.D

Acq: 12 Jan 2023 15:27

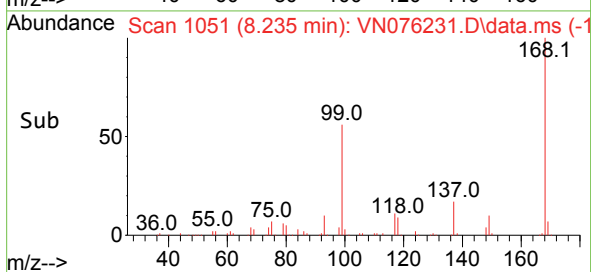
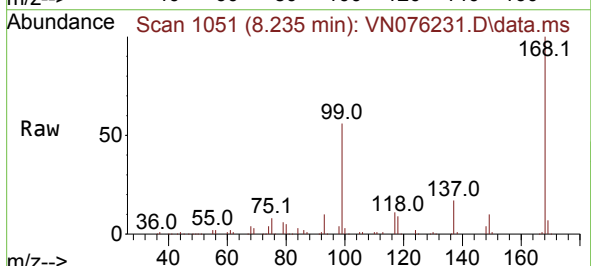
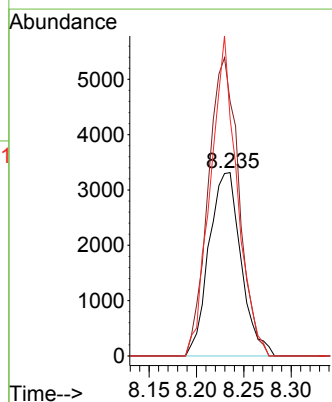
Tgt Ion: 56 Resp: 7808

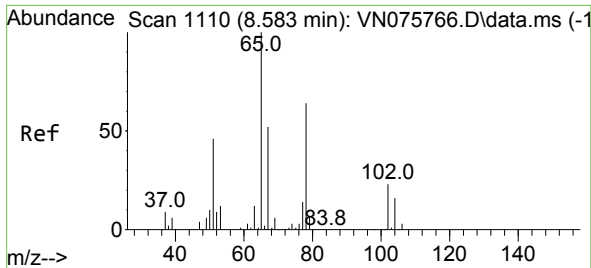
Ion Ratio Lower Upper

56 100

69 138.6 24.7 37.1#

84 129.4 76.5 114.7#

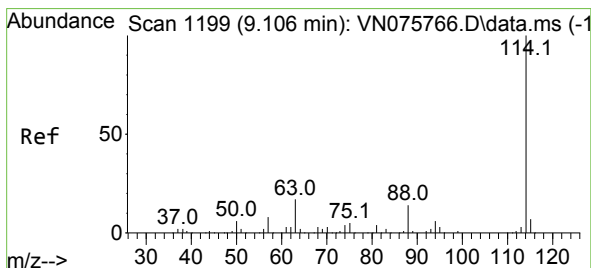
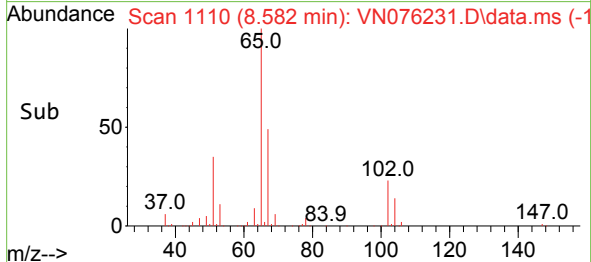
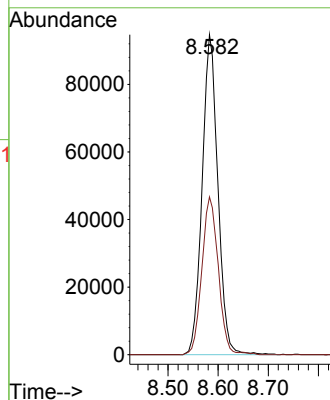
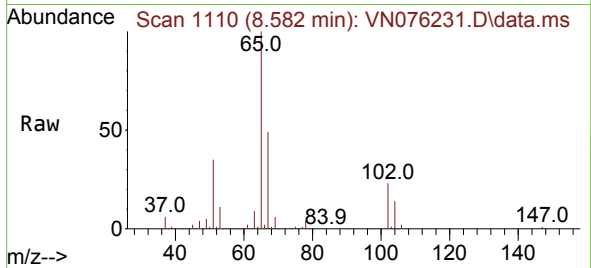




#33
 1,2-Dichloroethane-d4
 Concen: 48.921 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. -0.000 min
 Lab File: VN076231.D
 Acq: 12 Jan 2023 15:27

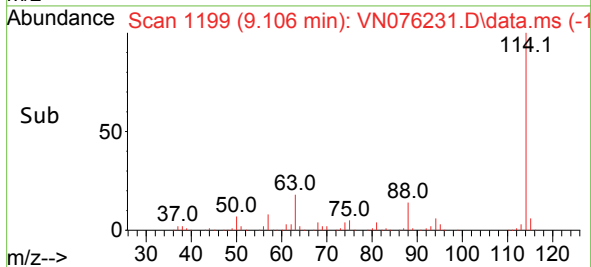
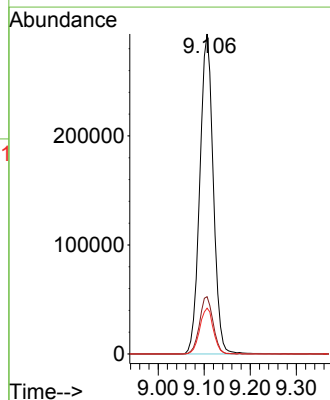
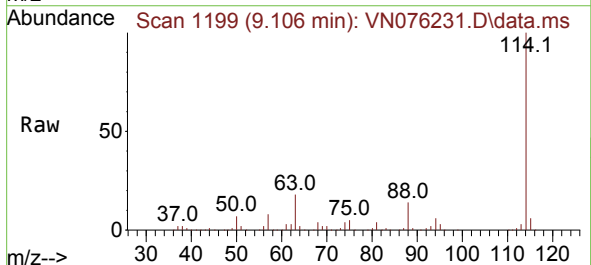
Instrument :
 MSVOA_N
 ClientSampleId :
 230111061-02-VOA

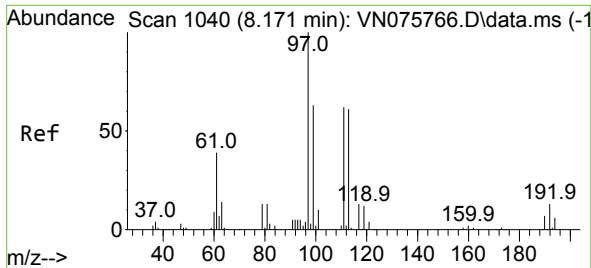
Tgt Ion: 65 Resp: 206295
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN076231.D
 Acq: 12 Jan 2023 15:27

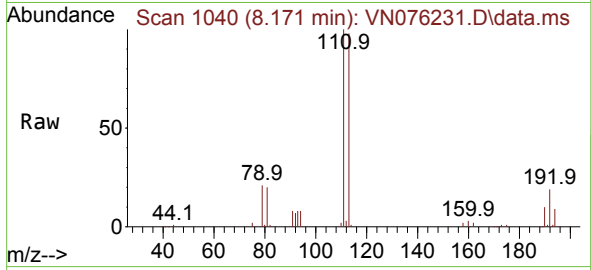
Tgt Ion: 114 Resp: 597278
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.4
 88 14.3 0.0 28.8



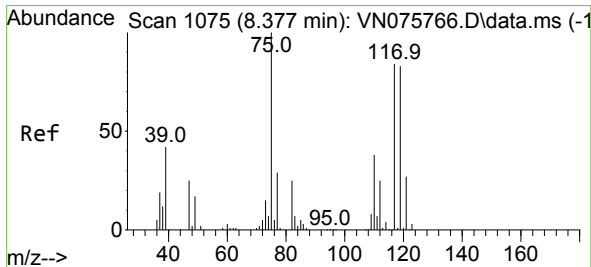
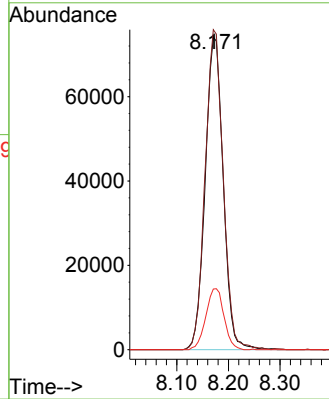
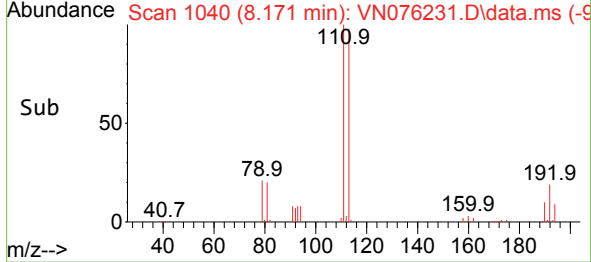


#35
Dibromofluoromethane
Concen: 48.581 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

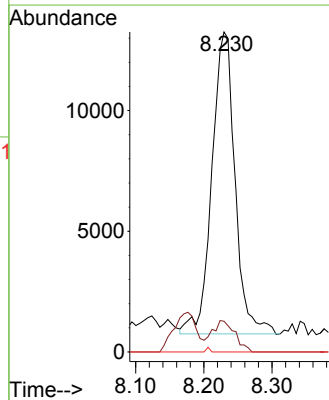
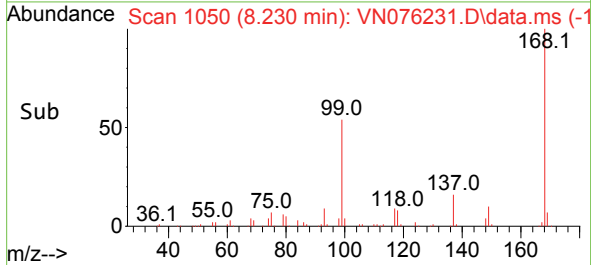
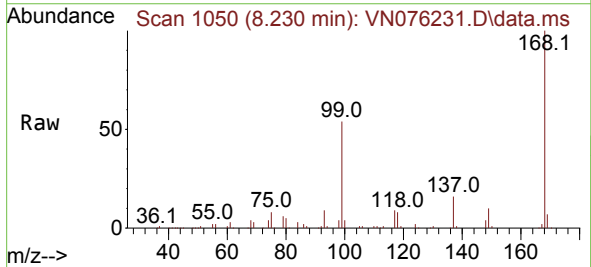


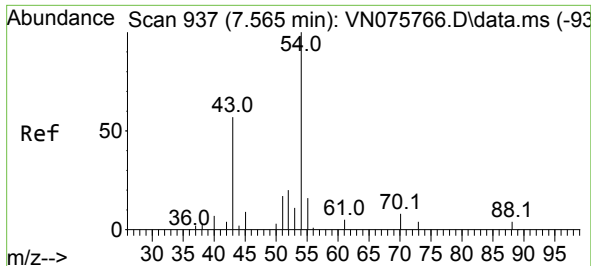
Tgt Ion:113 Resp: 179694
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.2
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 6.034 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion: 75 Resp: 29650
Ion Ratio Lower Upper
75 100
110 10.2 18.8 56.4#
77 0.0 24.1 36.1#





#37

Ethyl Acetate

Concen: 2.377 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076231.D

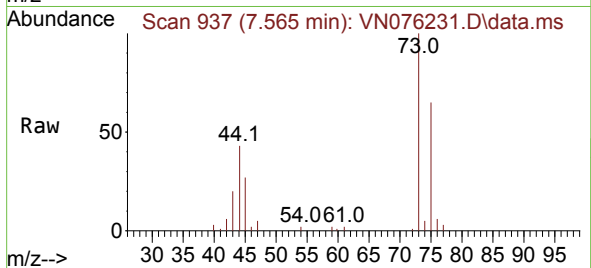
Acq: 12 Jan 2023 15:27

Instrument :

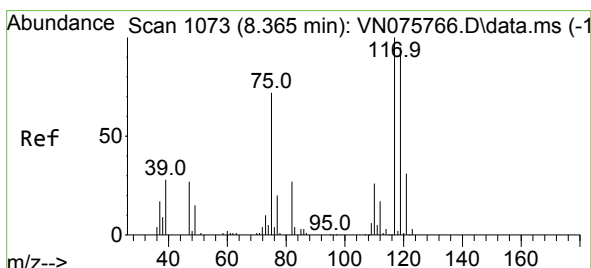
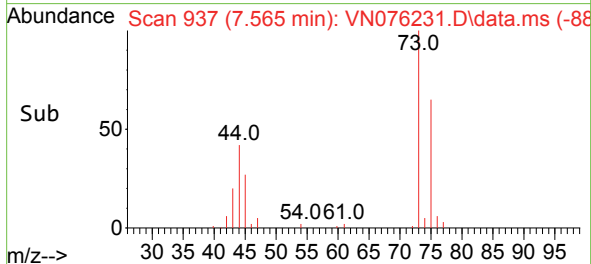
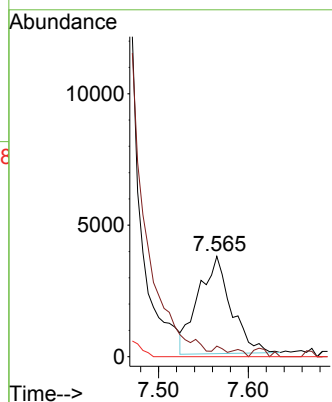
MSVOA_N

ClientSampleId :

230111061-02-VOA



Tgt Ion:	43	Resp:	9380
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.0	19.4#
70	0.0	9.4	14.0#



#38

Carbon Tetrachloride

Concen: 7.000 ug/l

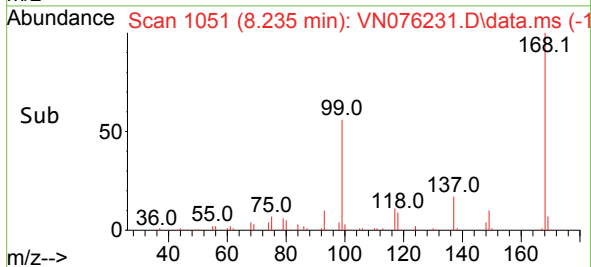
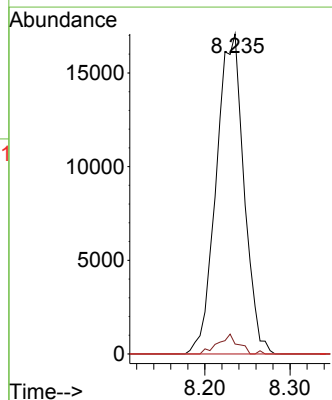
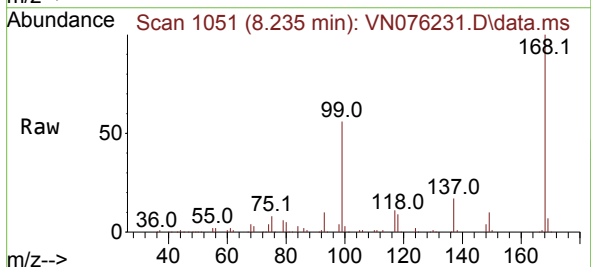
RT: 8.235 min Scan# 1051

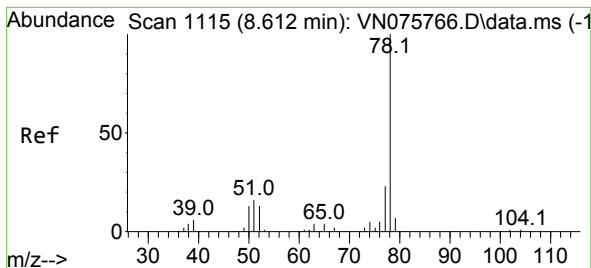
Delta R.T. -0.129 min

Lab File: VN076231.D

Acq: 12 Jan 2023 15:27

Tgt Ion:	117	Resp:	38496
Ion	Ratio	Lower	Upper
117	100		
119	3.1	76.1	114.1#
121	0.0	24.5	36.7#





#40

Benzene

Concen: 3.185 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076231.D

Acq: 12 Jan 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

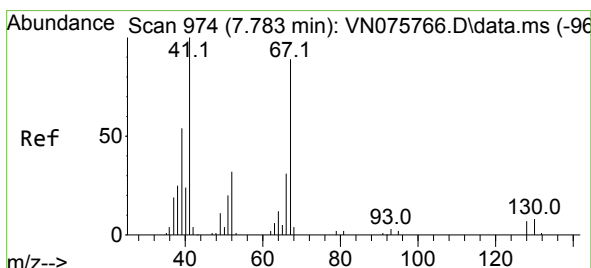
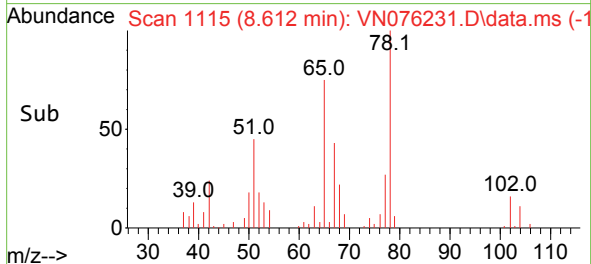
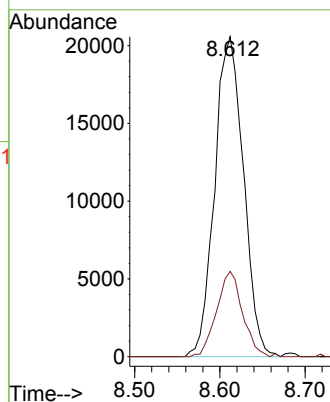
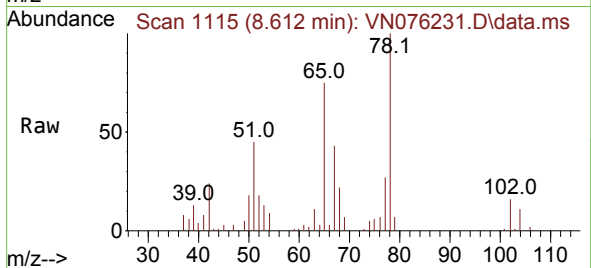
230111061-02-VOA

Tgt Ion: 78 Resp: 48281

Ion Ratio Lower Upper

78 100

77 26.6 18.5 27.7



#41

Methacrylonitrile

Concen: 262.735 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.059 min

Lab File: VN076231.D

Acq: 12 Jan 2023 15:27

Tgt Ion: 41 Resp: 539003

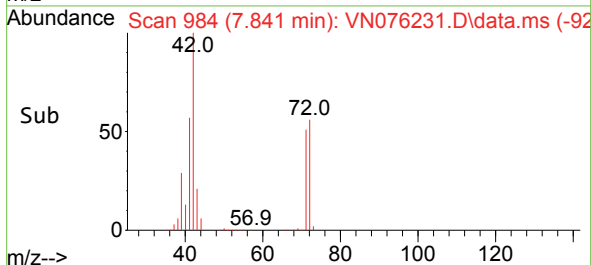
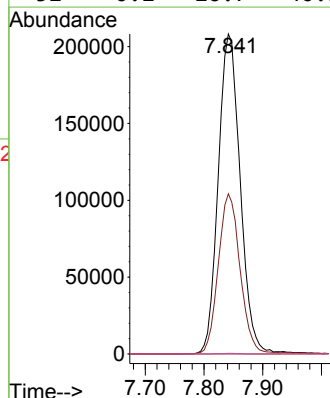
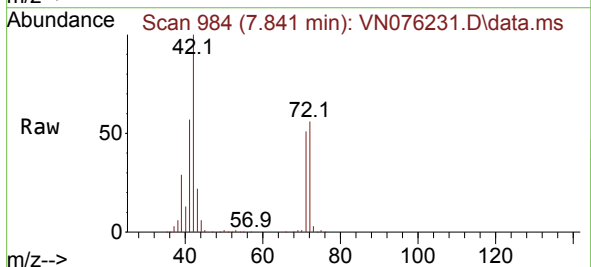
Ion Ratio Lower Upper

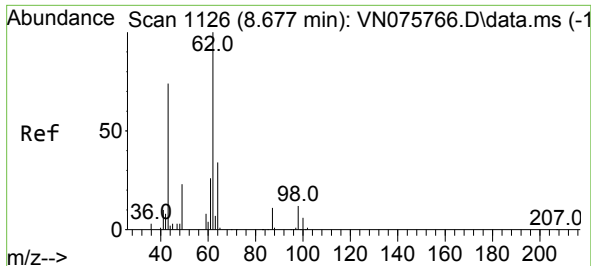
41 100

39 49.9 43.1 64.7

67 0.0 70.7 106.1#

52 0.2 26.7 40.1#





#42

1,2-Dichloroethane

Concen: 0.400 ug/l

RT: 8.688 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VN076231.D

Acq: 12 Jan 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

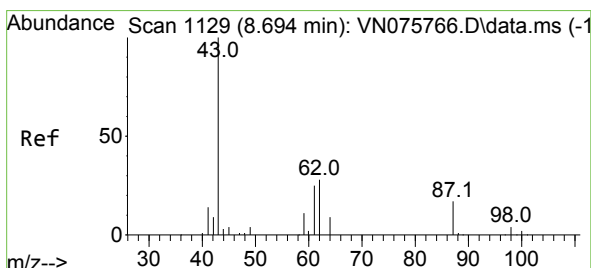
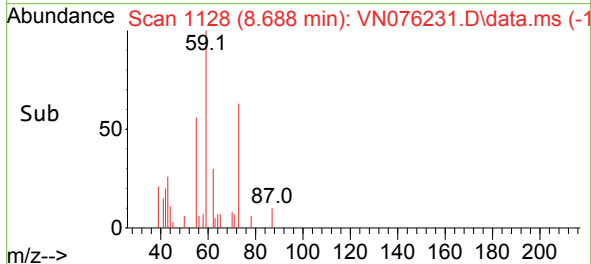
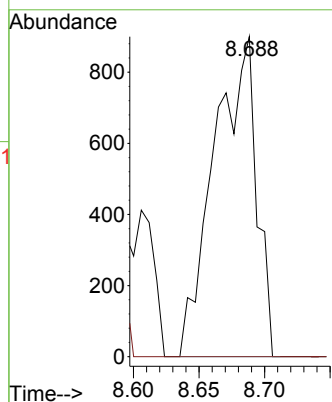
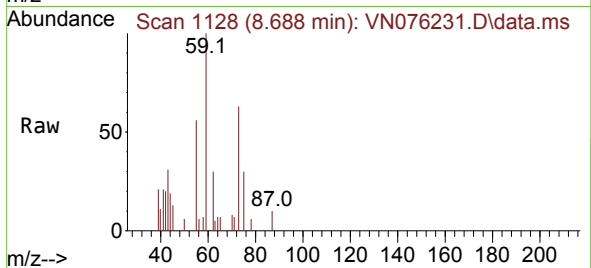
230111061-02-VOA

Tgt Ion: 62 Resp: 2016

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.8



#43

Isopropyl Acetate

Concen: 1.927 ug/l

RT: 8.659 min Scan# 1123

Delta R.T. -0.035 min

Lab File: VN076231.D

Acq: 12 Jan 2023 15:27

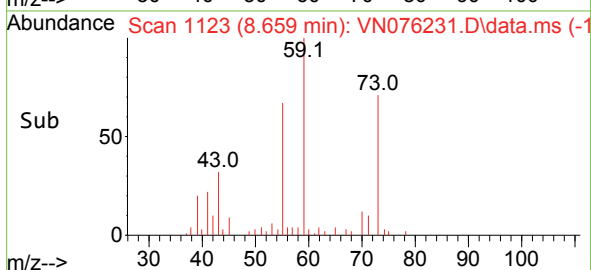
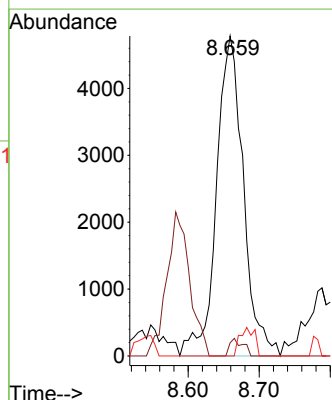
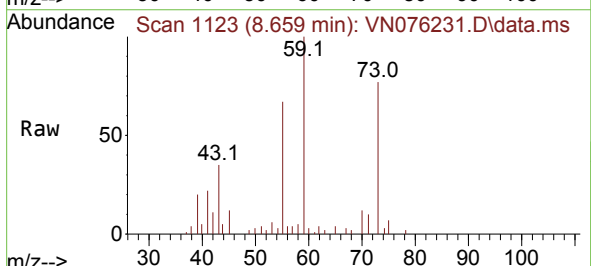
Tgt Ion: 43 Resp: 12547

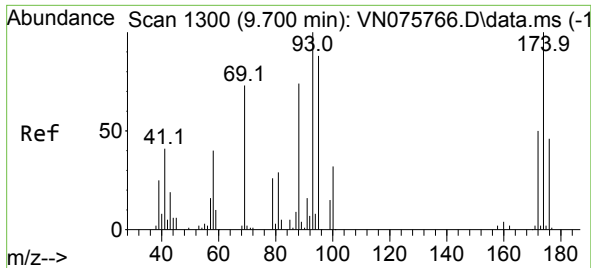
Ion Ratio Lower Upper

43 100

61 2.7 24.2 36.4#

87 0.0 13.3 19.9#

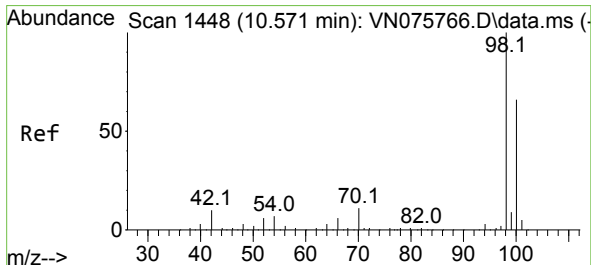
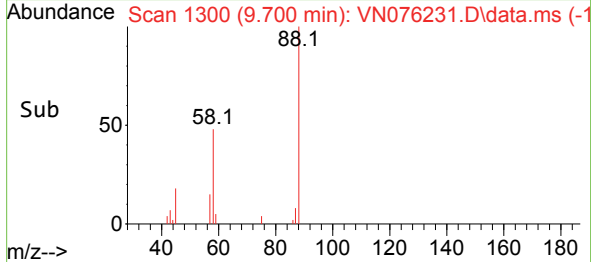
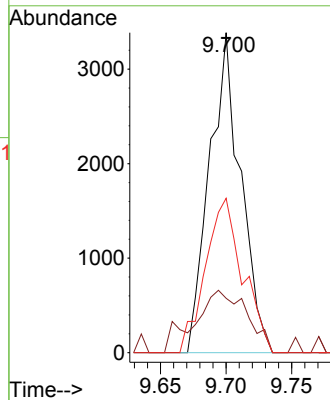
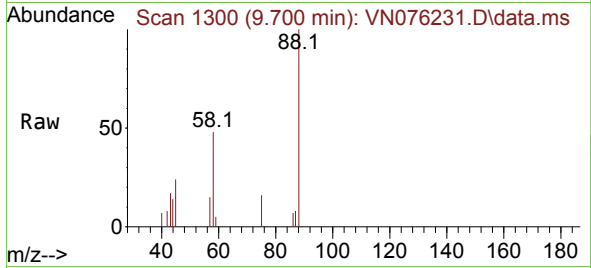




#49
1,4-Dioxane
Concen: 77.516 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

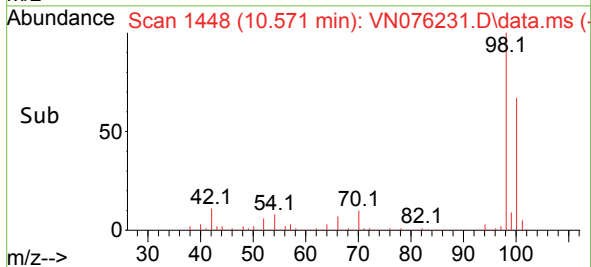
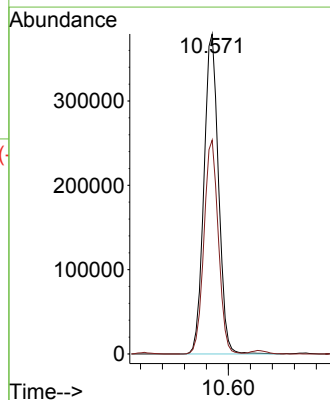
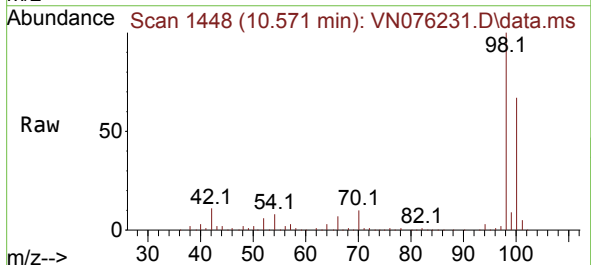
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

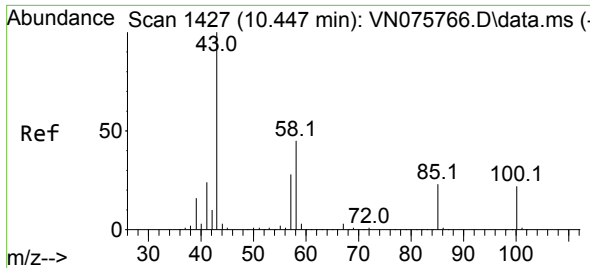
Tgt Ion: 88 Resp: 5588
Ion Ratio Lower Upper
88 100
43 32.9 17.1 25.7#
58 57.8 47.8 71.8



#50
Toluene-d8
Concen: 50.362 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion: 98 Resp: 696485
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1

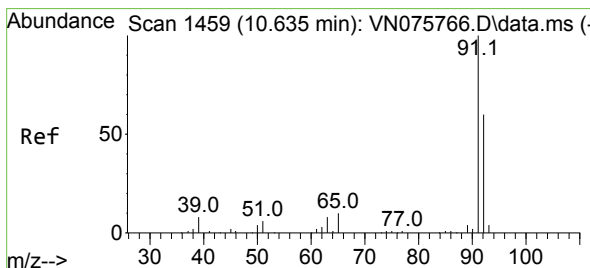
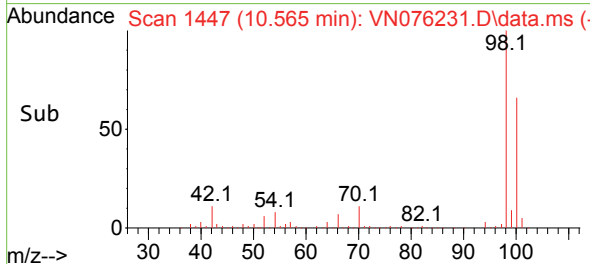
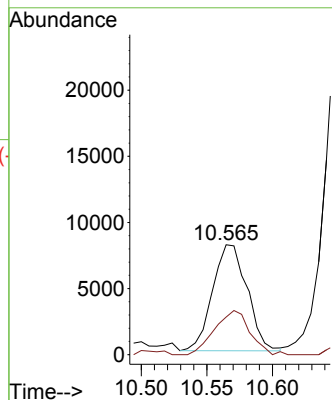
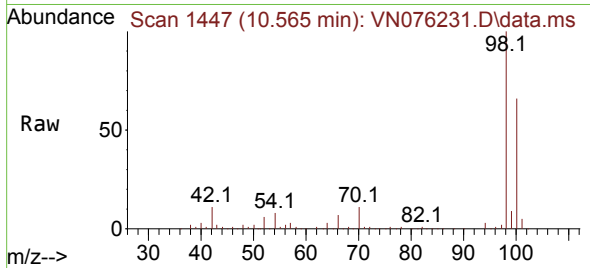




#51
4-Methyl-2-Pentanone
Concen: 3.734 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. 0.118 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

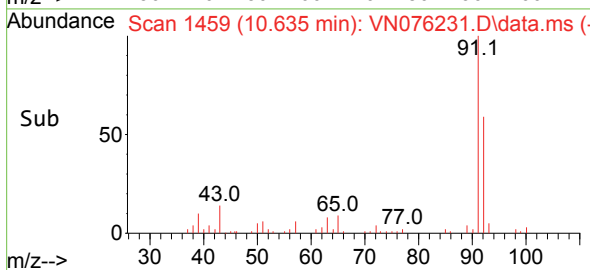
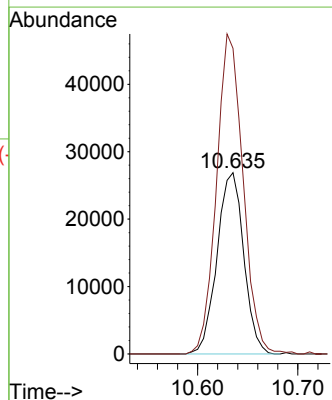
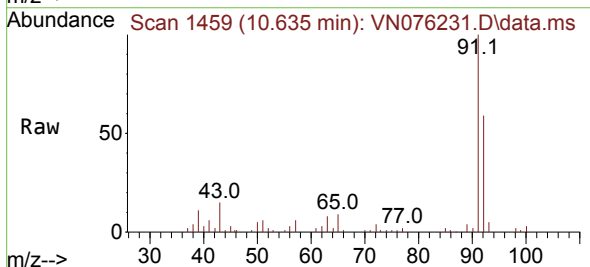
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

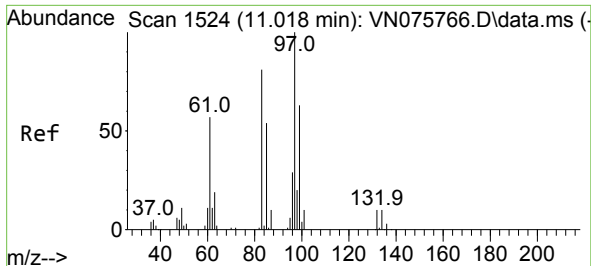
Tgt Ion: 43 Resp: 14700
Ion Ratio Lower Upper
43 100
58 42.5 35.5 53.3



#52
Toluene
Concen: 5.041 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

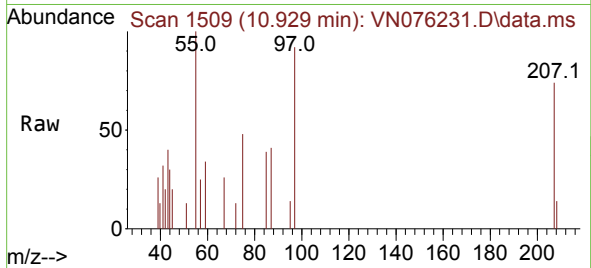
Tgt Ion: 92 Resp: 49770
Ion Ratio Lower Upper
92 100
91 175.4 137.3 205.9



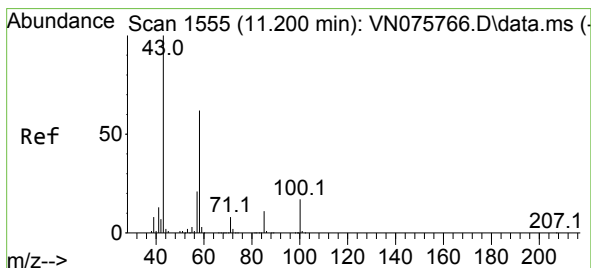
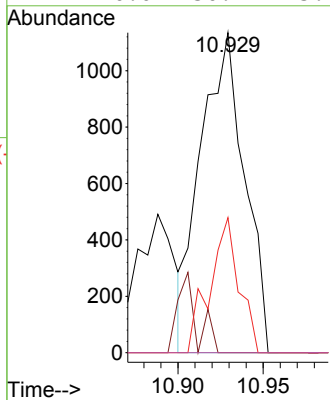
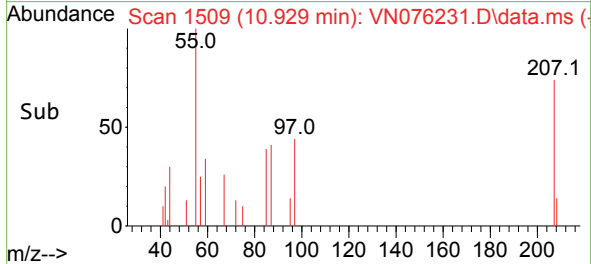


#55
1,1,2-Trichloroethane
Concen: 0.523 ug/l
RT: 10.929 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

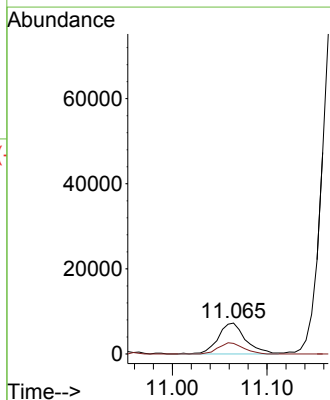
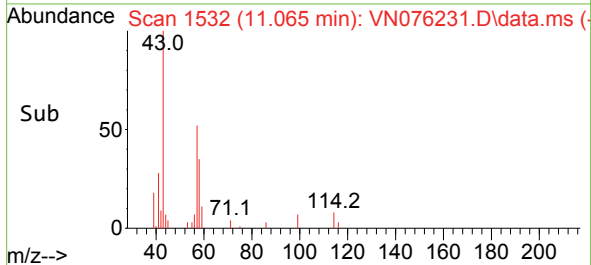
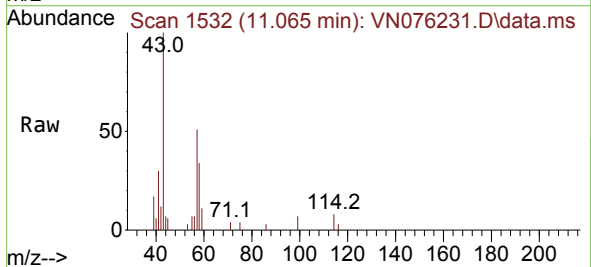


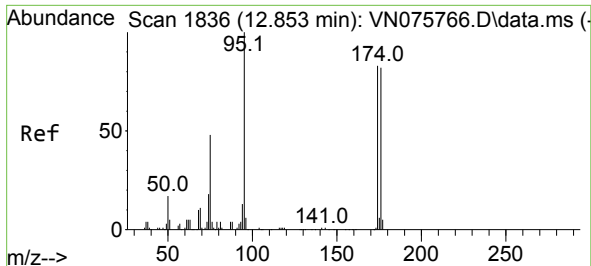
Tgt Ion: 97 Resp: 2027
Ion Ratio Lower Upper
97 100
83 0.0 65.0 97.4#
85 42.2 43.0 64.6#
99 0.0 50.2 75.2#



#59
2-Hexanone
Concen: 5.095 ug/l
RT: 11.065 min Scan# 1532
Delta R.T. -0.135 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion: 43 Resp: 14630
Ion Ratio Lower Upper
43 100
58 32.7 30.6 92.0

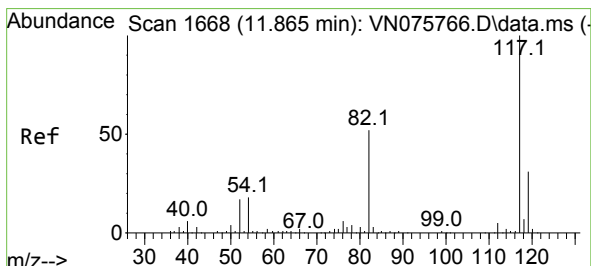
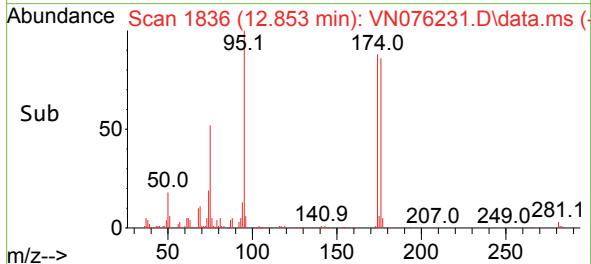
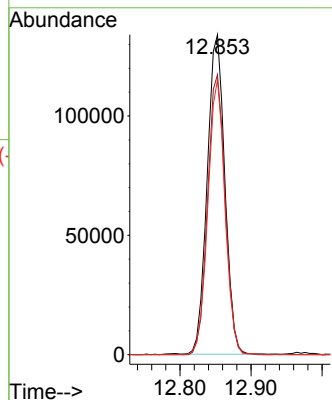
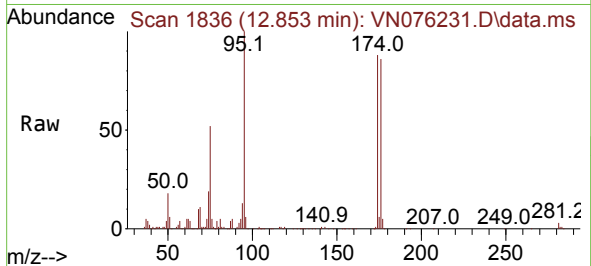




#62
4-Bromofluorobenzene
Concen: 50.445 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

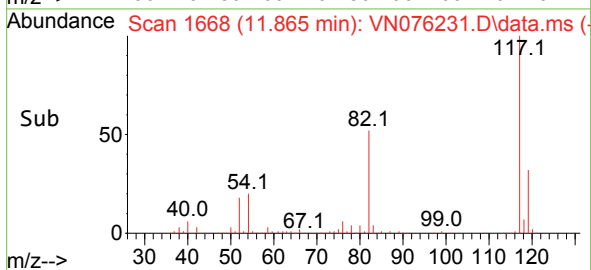
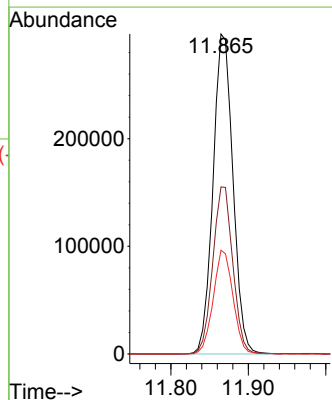
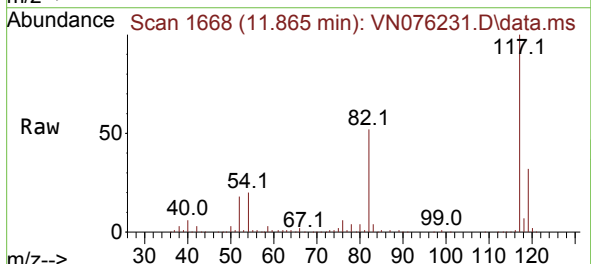
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

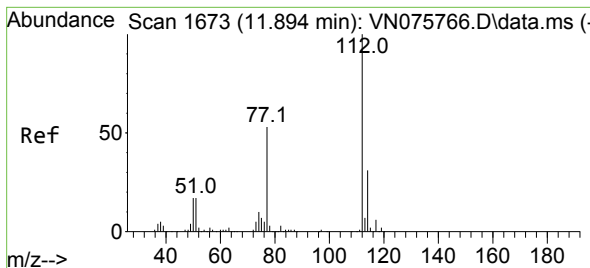
Tgt Ion: 95 Resp: 231066
Ion Ratio Lower Upper
95 100
174 87.7 0.0 171.6
176 83.5 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion: 117 Resp: 530884
Ion Ratio Lower Upper
117 100
82 52.2 41.3 61.9
119 32.4 24.6 37.0





#65

Chlorobenzene

Concen: 0.835 ug/l

RT: 11.888 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN076231.D

Acq: 12 Jan 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

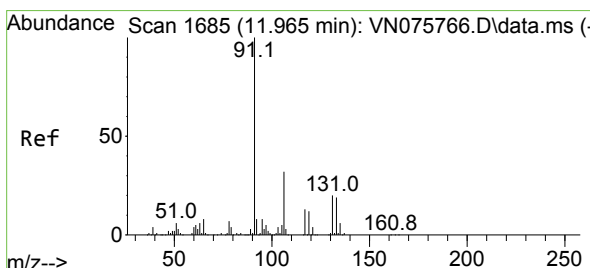
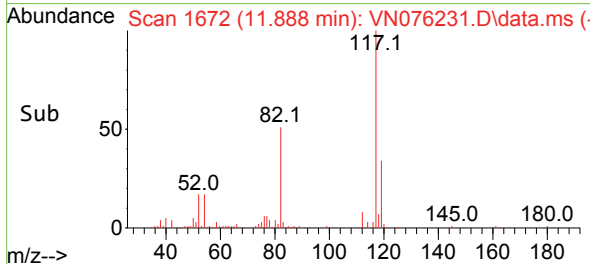
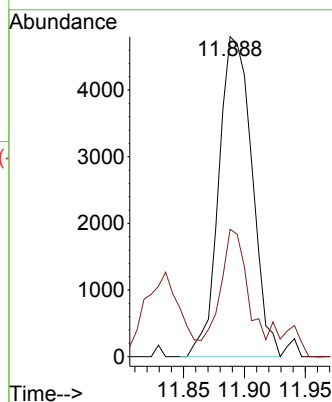
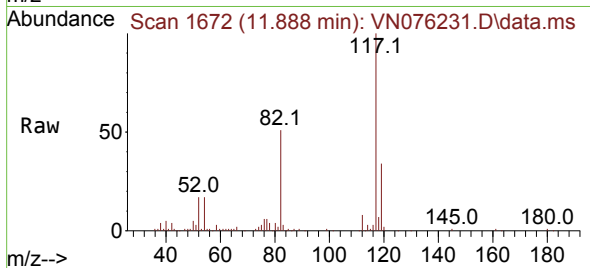
230111061-02-VOA

Tgt Ion:112 Resp: 9093

Ion Ratio Lower Upper

112 100

114 34.4 24.7 37.1



#67

Ethyl Benzene

Concen: 1.064 ug/l

RT: 11.965 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN076231.D

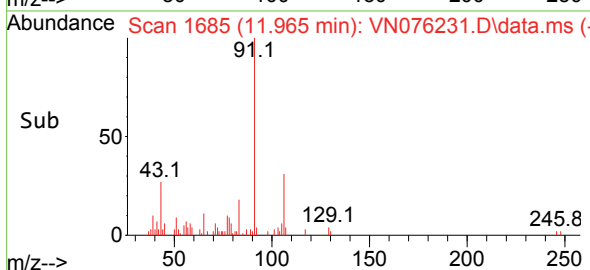
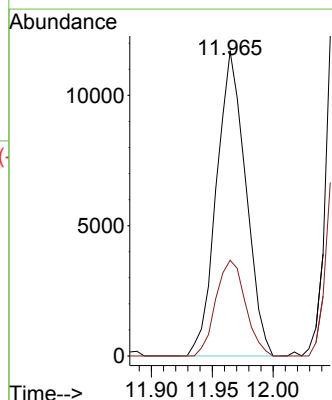
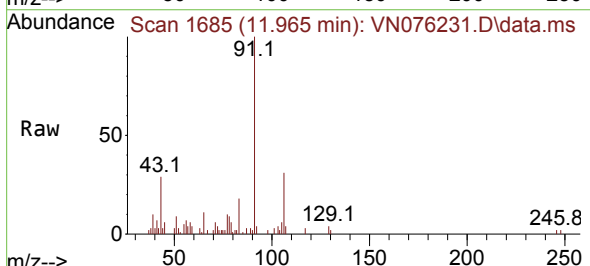
Acq: 12 Jan 2023 15:27

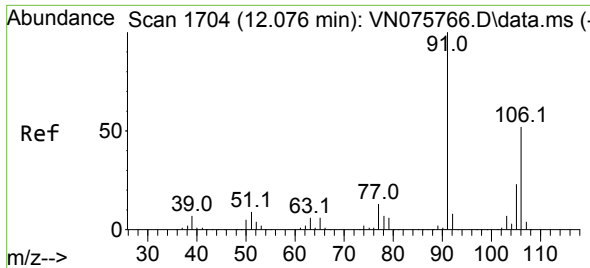
Tgt Ion: 91 Resp: 19562

Ion Ratio Lower Upper

91 100

106 31.4 25.7 38.5

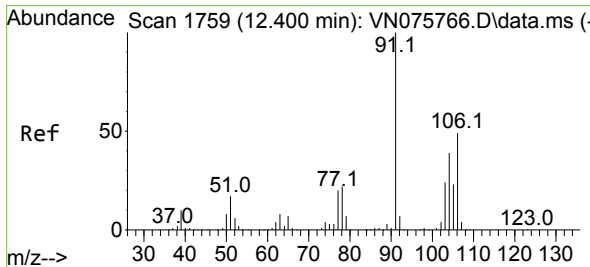
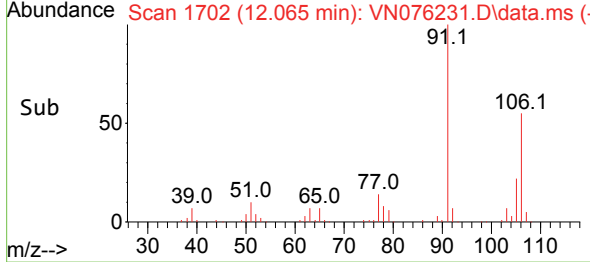
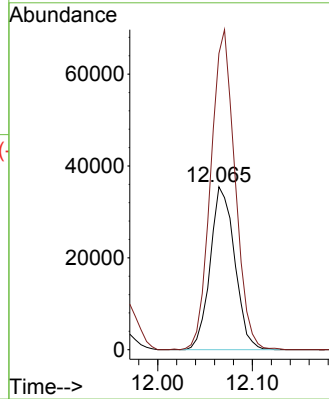
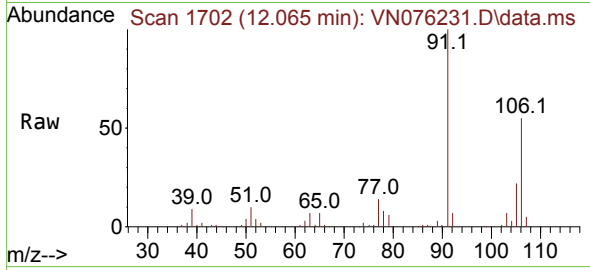




#68
m/p-Xylenes
Concen: 8.747 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.012 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

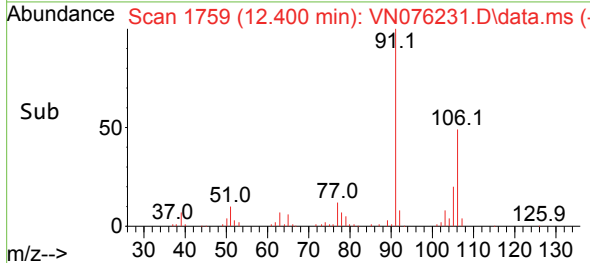
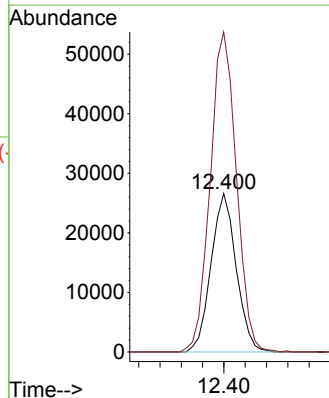
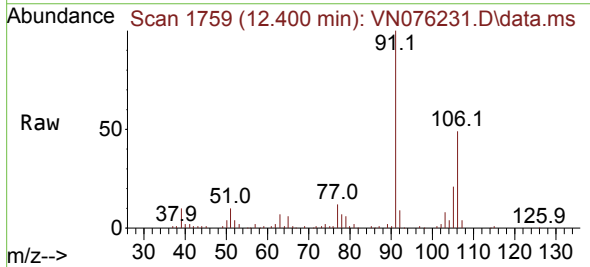
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

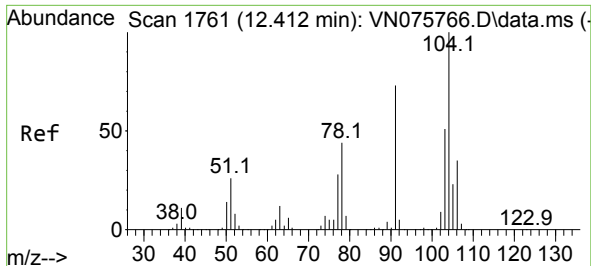
Tgt Ion:106 Resp: 63667
Ion Ratio Lower Upper
106 100
91 195.0 156.6 235.0



#69
o-Xylene
Concen: 6.055 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion:106 Resp: 43615
Ion Ratio Lower Upper
106 100
91 209.8 103.8 311.6

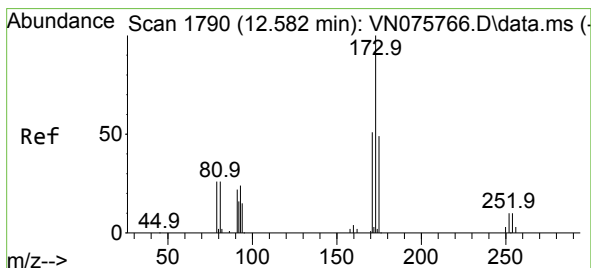
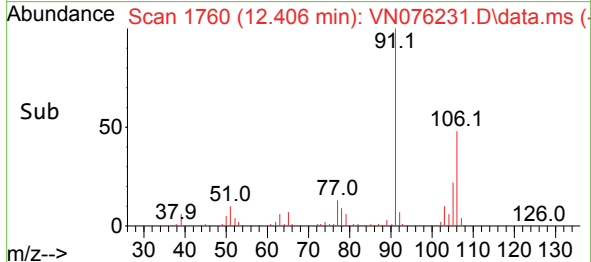
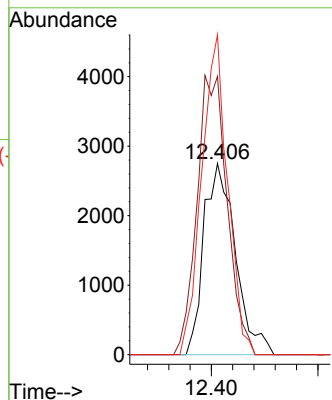
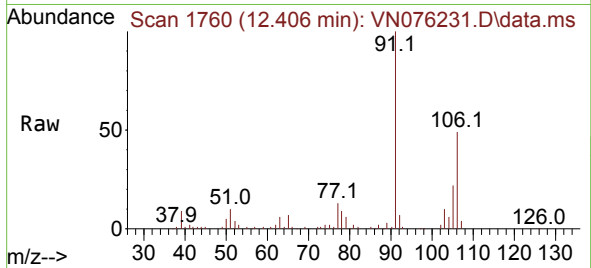




#70
Styrene
Concen: 0.494 ug/l
RT: 12.406 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

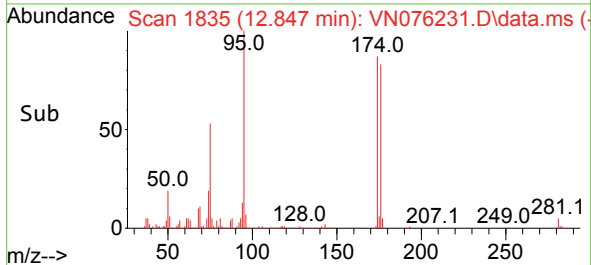
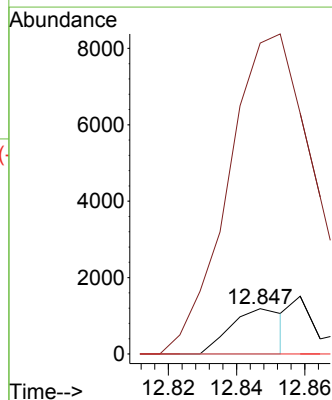
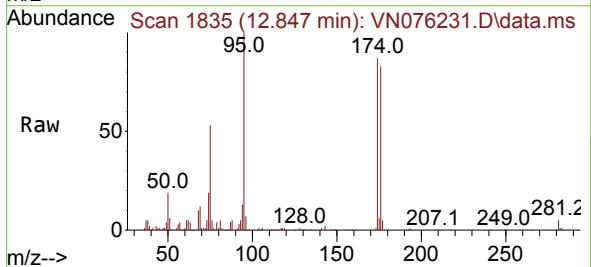
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

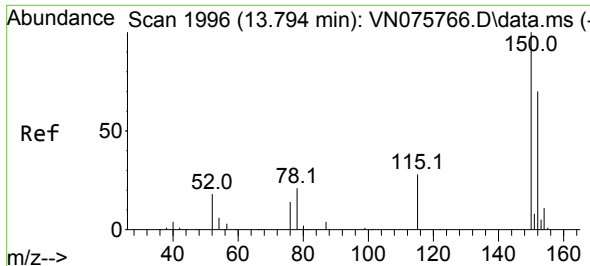
Tgt Ion:104 Resp: 5658
Ion Ratio Lower Upper
104 100
78 140.2 37.5 56.3#
103 138.1 43.5 65.3#



#71
Bromoform
Concen: 0.441 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion:173 Resp: 1296
Ion Ratio Lower Upper
173 100
175 943.7 24.3 72.8#
254 0.0 0.0 0.0

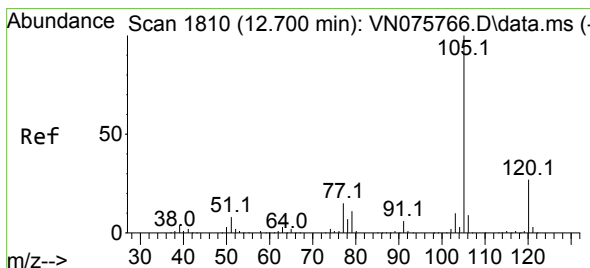
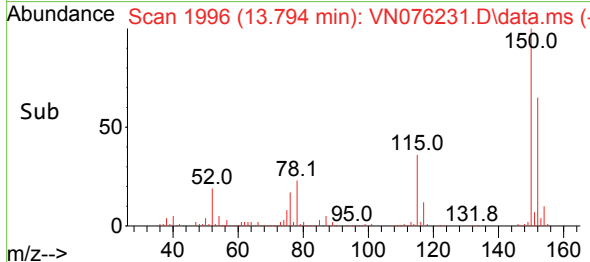
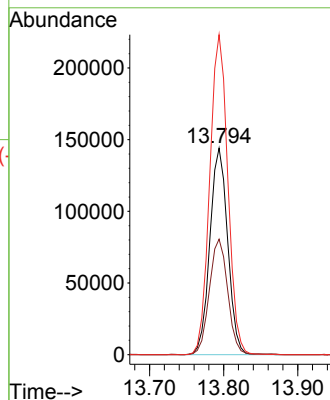
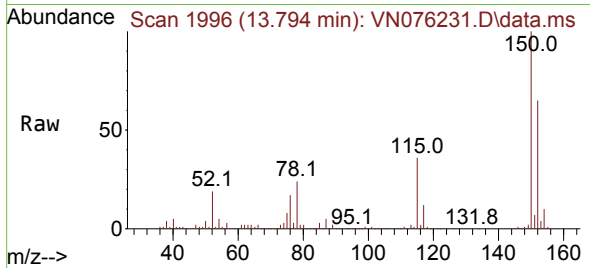




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

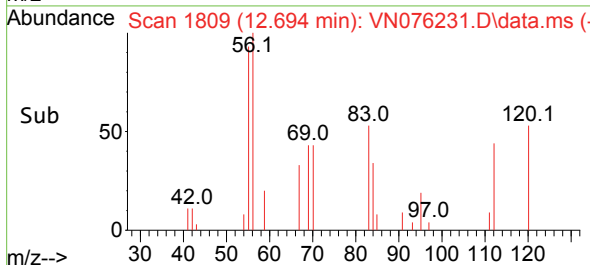
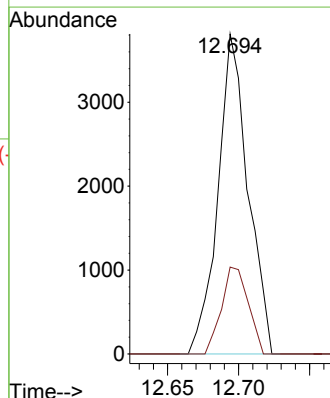
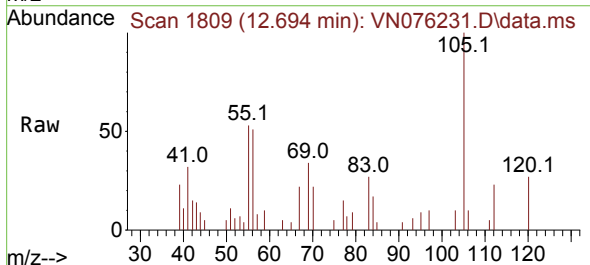
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

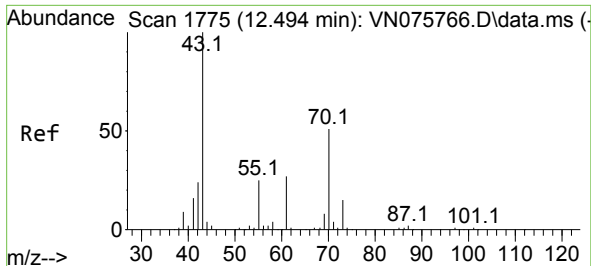
Tgt Ion:152 Resp: 241043
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.4
150 156.8 0.0 347.0



#73
Isopropylbenzene
Concen: 0.322 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion:105 Resp: 5608
Ion Ratio Lower Upper
105 100
120 24.1 13.4 40.2

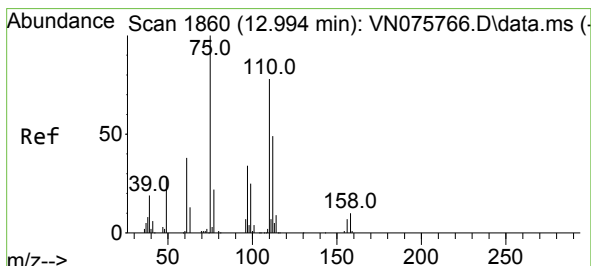
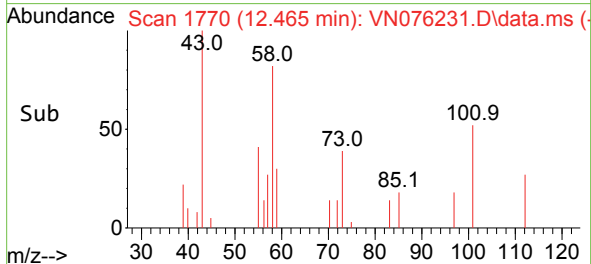
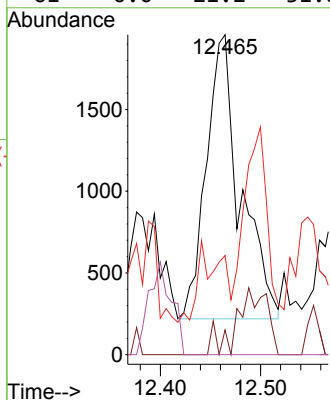
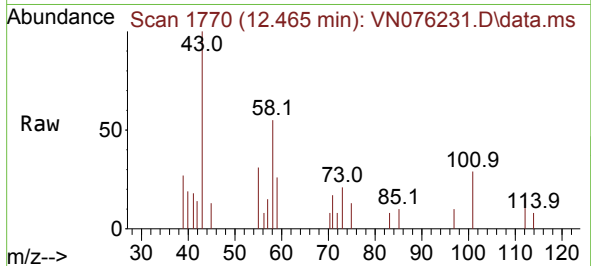




#74
N-amy1 acetate
Concen: 0.804 ug/l
RT: 12.465 min Scan# 1775
Delta R.T. -0.029 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

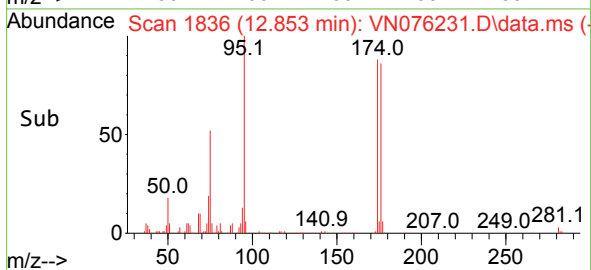
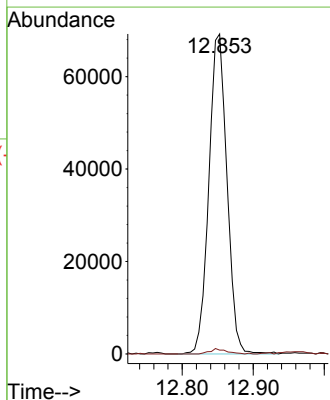
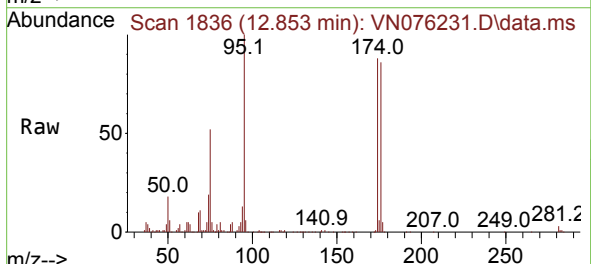
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

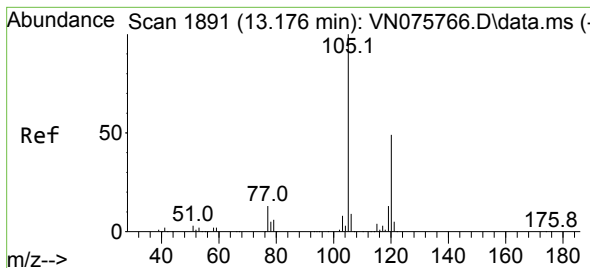
Tgt Ion: 43 Resp: 4106
Ion Ratio Lower Upper
43 100
70 1.8 41.4 62.0#
55 0.0 21.3 31.9#
61 0.0 21.2 31.8#



#76
1,2,3-Trichloropropane
Concen: 25.210 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion: 75 Resp: 122489
Ion Ratio Lower Upper
75 100
77 1.6 82.6 247.8#





#80

1,3,5-Trimethylbenzene

Concen: 1.132 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN076231.D

Acq: 12 Jan 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

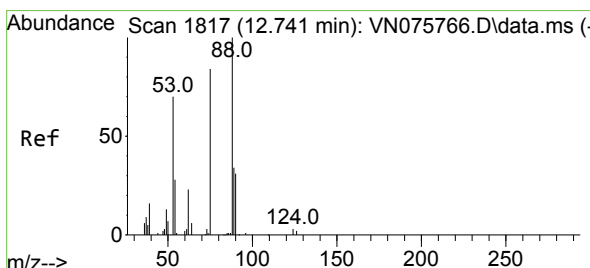
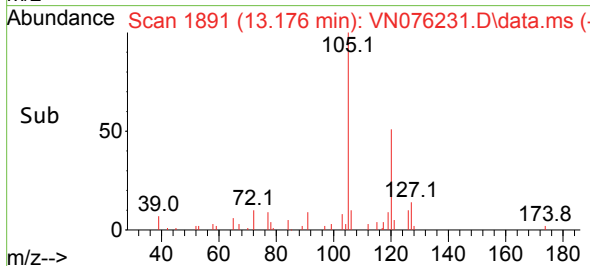
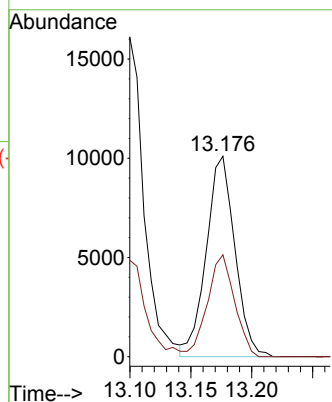
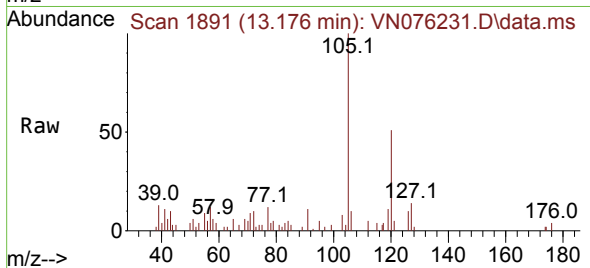
230111061-02-VOA

Tgt Ion:105 Resp: 16504

Ion Ratio Lower Upper

105 100

120 47.8 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 90.742 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076231.D

Acq: 12 Jan 2023 15:27

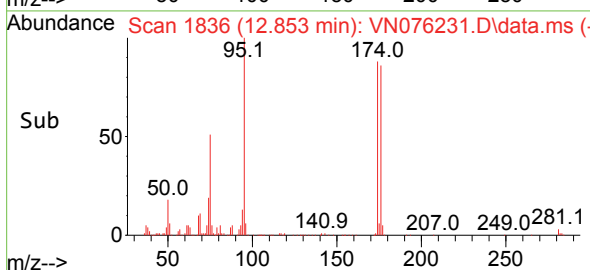
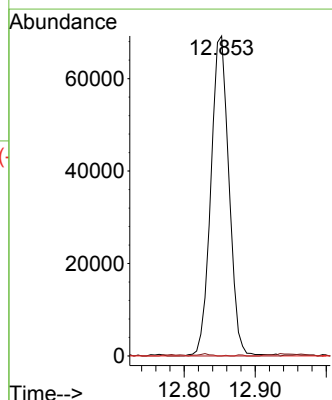
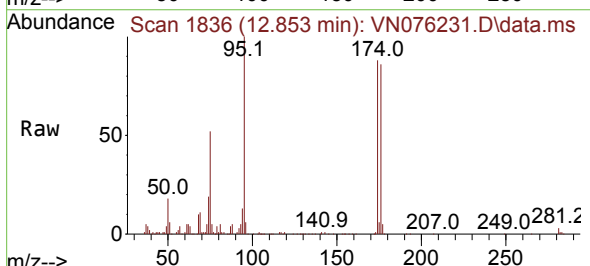
Tgt Ion: 75 Resp: 122489

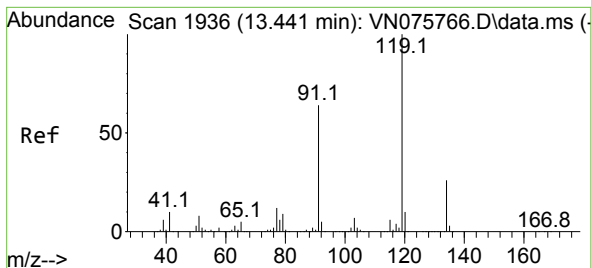
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 39.5 59.3#





#83

tert-Butylbenzene

Concen: 0.394 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.047 min

Lab File: VN076231.D

Acq: 12 Jan 2023 15:27

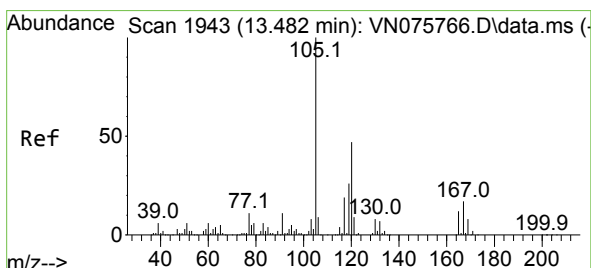
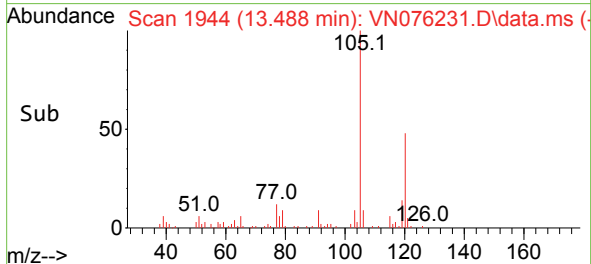
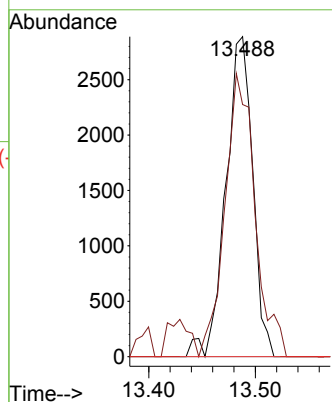
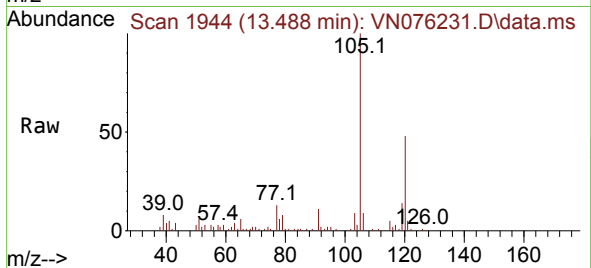
Instrument :

MSVOA_N

ClientSampleId :

230111061-02-VOA

Tgt Ion:119	Resp:	5060
Ion Ratio	Lower	Upper
119	100	
91	98.8	31.9 95.5#
134	0.0	13.8 41.4#



#84

1,2,4-Trimethylbenzene

Concen: 2.457 ug/l

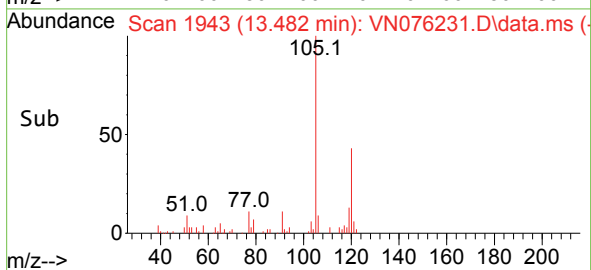
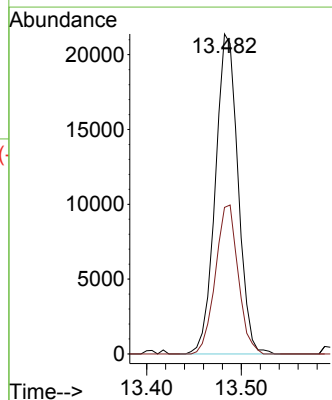
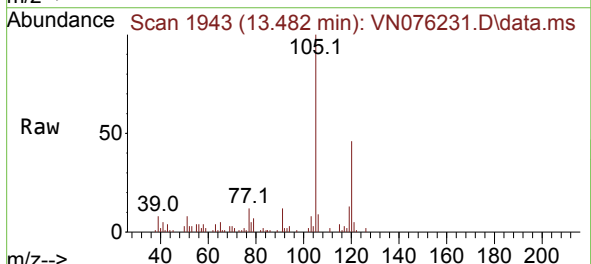
RT: 13.482 min Scan# 1943

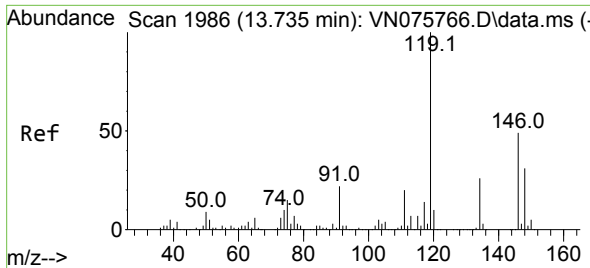
Delta R.T. -0.000 min

Lab File: VN076231.D

Acq: 12 Jan 2023 15:27

Tgt Ion:105	Resp:	35534
Ion Ratio	Lower	Upper
105	100	
120	46.7	23.3 69.8

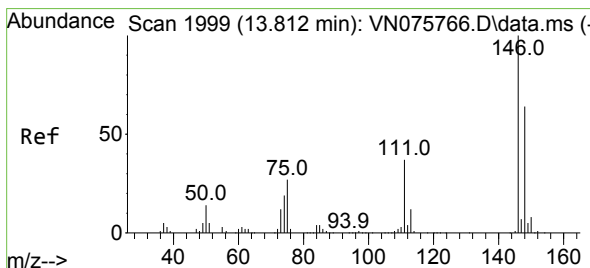
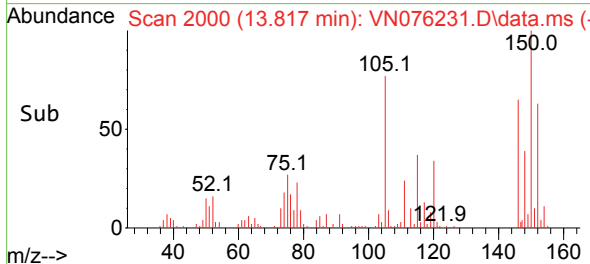
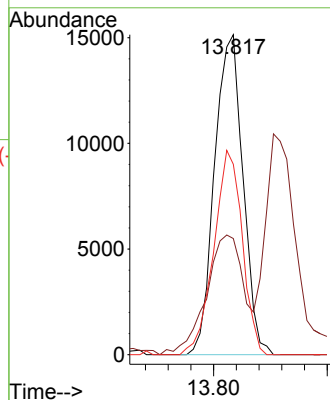
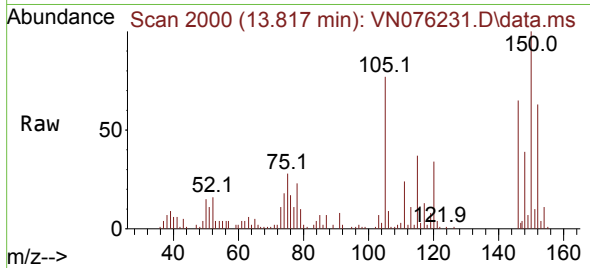




#87
 1,3-Dichlorobenzene
 Concen: 3.224 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.082 min
 Lab File: VN076231.D
 Acq: 12 Jan 2023 15:27

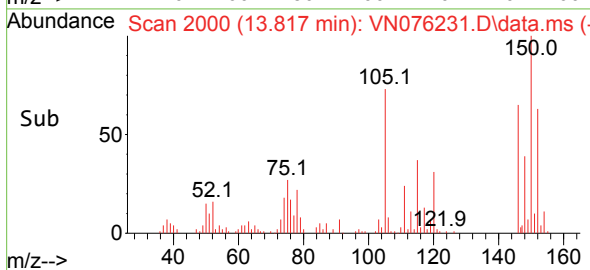
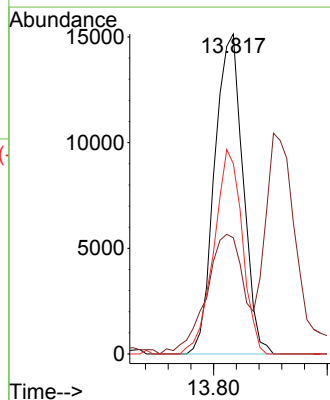
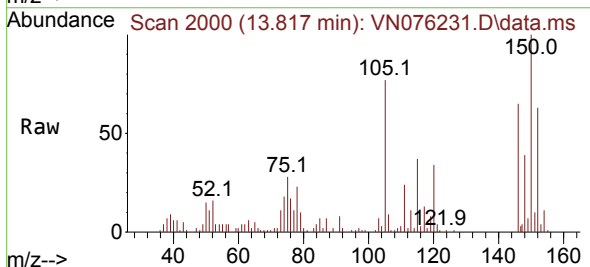
Instrument :
 MSVOA_N
 ClientSampleId :
 230111061-02-VOA

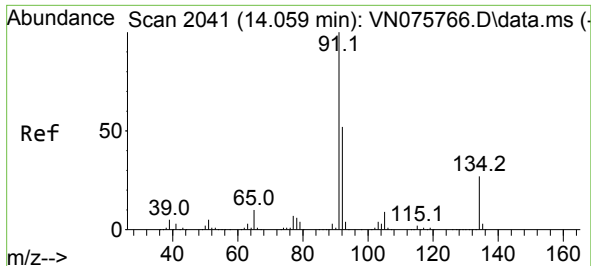
Tgt Ion:146 Resp: 26255
 Ion Ratio Lower Upper
 146 100
 111 49.7 19.7 59.0
 148 64.1 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 3.156 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN076231.D
 Acq: 12 Jan 2023 15:27

Tgt Ion:146 Resp: 26255
 Ion Ratio Lower Upper
 146 100
 111 49.7 19.1 57.1
 148 64.1 32.0 96.2

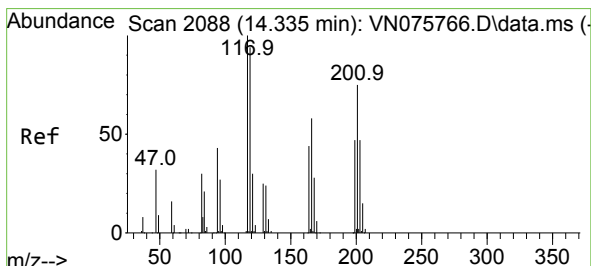
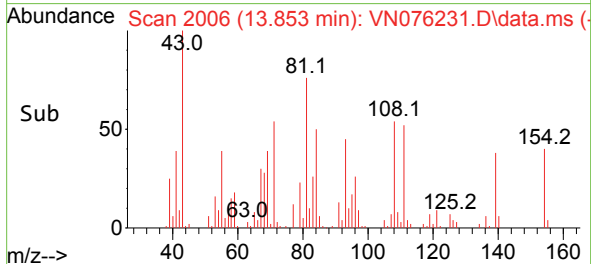
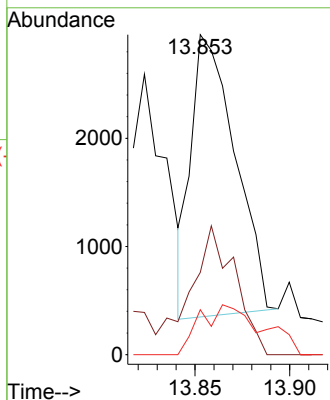
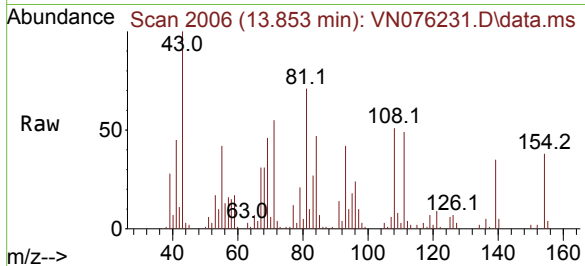




#89
n-Butylbenzene
Concen: 0.351 ug/l
RT: 13.853 min Scan# 2006
Delta R.T. -0.206 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

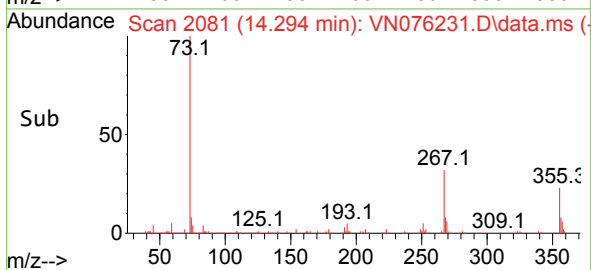
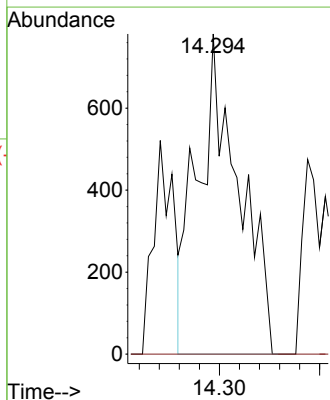
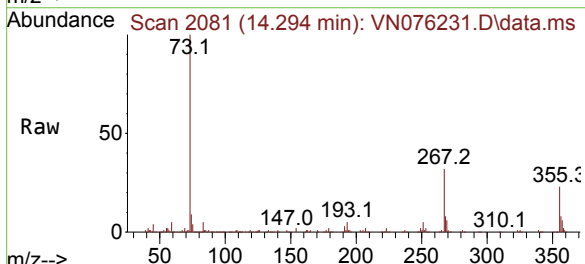
Instrument :
MSVOA_N
ClientSampleId :
230111061-02-VOA

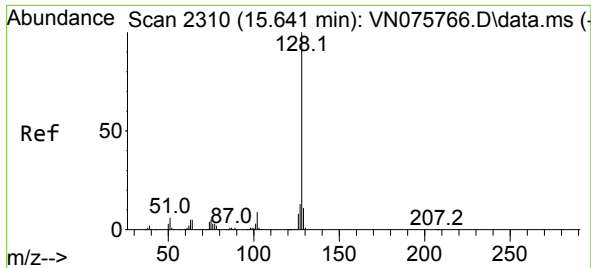
Tgt Ion: 91 Resp: 4192
Ion Ratio Lower Upper
91 100
92 46.4 26.4 79.2
134 25.0 13.4 40.2



#90
Hexachloroethane
Concen: 0.844 ug/l
RT: 14.294 min Scan# 2081
Delta R.T. -0.041 min
Lab File: VN076231.D
Acq: 12 Jan 2023 15:27

Tgt Ion: 117 Resp: 2228
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.1#





#95

Naphthalene

Concen: 4.835 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076231.D

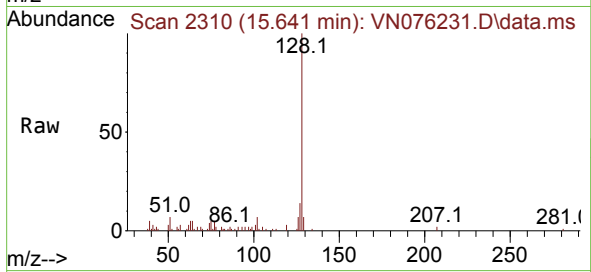
Acq: 12 Jan 2023 15:27

Instrument :

MSVOA_N

ClientSampleId :

230111061-02-VOA



Tgt Ion:	128	Resp:	36444
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	5.4	8.7	13.1#

