

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076230.D
 Acq On : 12 Jan 2023 15:03
 Operator : JC\MD
 Sample : 01131-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230111062-02-VOA

Quant Time: Jan 13 01:59:44 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	381887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	588014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	510872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	198930	47.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.760%
35) Dibromofluoromethane	8.177	113	176170	48.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.760%
50) Toluene-d8	10.571	98	675219	49.593	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.853	95	214409	47.546	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	741	0.273	ug/l #	31
4) Vinyl Chloride	2.530	62	1016	0.253	ug/l #	44
6) Chloroethane	3.124	64	2398	0.805	ug/l	95
8) Diethyl Ether	3.983	74	22073	9.902	ug/l	91
11) Tert butyl alcohol	5.536	59	105838	180.037	ug/l	99
14) Allyl chloride	4.971	41	841	0.213	ug/l #	20
15) Acrylonitrile	5.547	53	758	0.472	ug/l #	1
16) Acetone	4.453	43	5929	4.140	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	3639	0.326	ug/l	95
20) Methylene Chloride	5.300	84	77	Below Cal	#	61
24) 1,1-Dichloroethane	6.589	63	2932	0.457	ug/l #	81
25) 2-Butanone	7.441	43	8853	4.415	ug/l #	64
26) 2,2-Dichloropropane	7.441	77	12246	2.256	ug/l #	50
27) cis-1,2-Dichloroethene	7.500	96	1600	0.361	ug/l #	25
29) Tetrahydrofuran	7.847	42	176757	140.656	ug/l	99
31) Cyclohexane	8.230	56	7214	1.212	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	28178	5.825	ug/l #	48
37) Ethyl Acetate	7.441	43	8853	2.278	ug/l #	1
38) Carbon Tetrachloride	8.230	117	37218	6.874	ug/l #	16
40) Benzene	8.612	78	17777	1.191	ug/l	99
41) Methacrylonitrile	7.841	41	101253	50.133	ug/l #	40
43) Isopropyl Acetate	8.659	43	1436	0.224	ug/l #	50
49) 1,4-Dioxane	9.694	88	11137	156.925	ug/l	96
51) 4-Methyl-2-Pentanone	10.435	43	3787	0.977	ug/l #	46
52) Toluene	10.635	92	8653	0.890	ug/l	98
59) 2-Hexanone	11.059	43	5064	1.791	ug/l	68
65) Chlorobenzene	11.894	112	61413	5.857	ug/l	94
67) Ethyl Benzene	11.965	91	37637	2.127	ug/l	97
68) m/p-Xylenes	12.071	106	17543	2.505	ug/l	98
69) o-Xylene	12.400	106	15868	2.289	ug/l	100
71) Bromoform	12.853	173	1810	0.640	ug/l #	1
73) Isopropylbenzene	12.694	105	6409	0.410	ug/l	98
76) 1,2,3-Trichloropropane	12.853	75	111172	25.495	ug/l #	1
79) 2-Chlorotoluene	13.129	91	6209	0.577	ug/l	93
80) 1,3,5-Trimethylbenzene	13.171	105	4251	0.325	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.853	75	111172	91.771	ug/l #	12

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

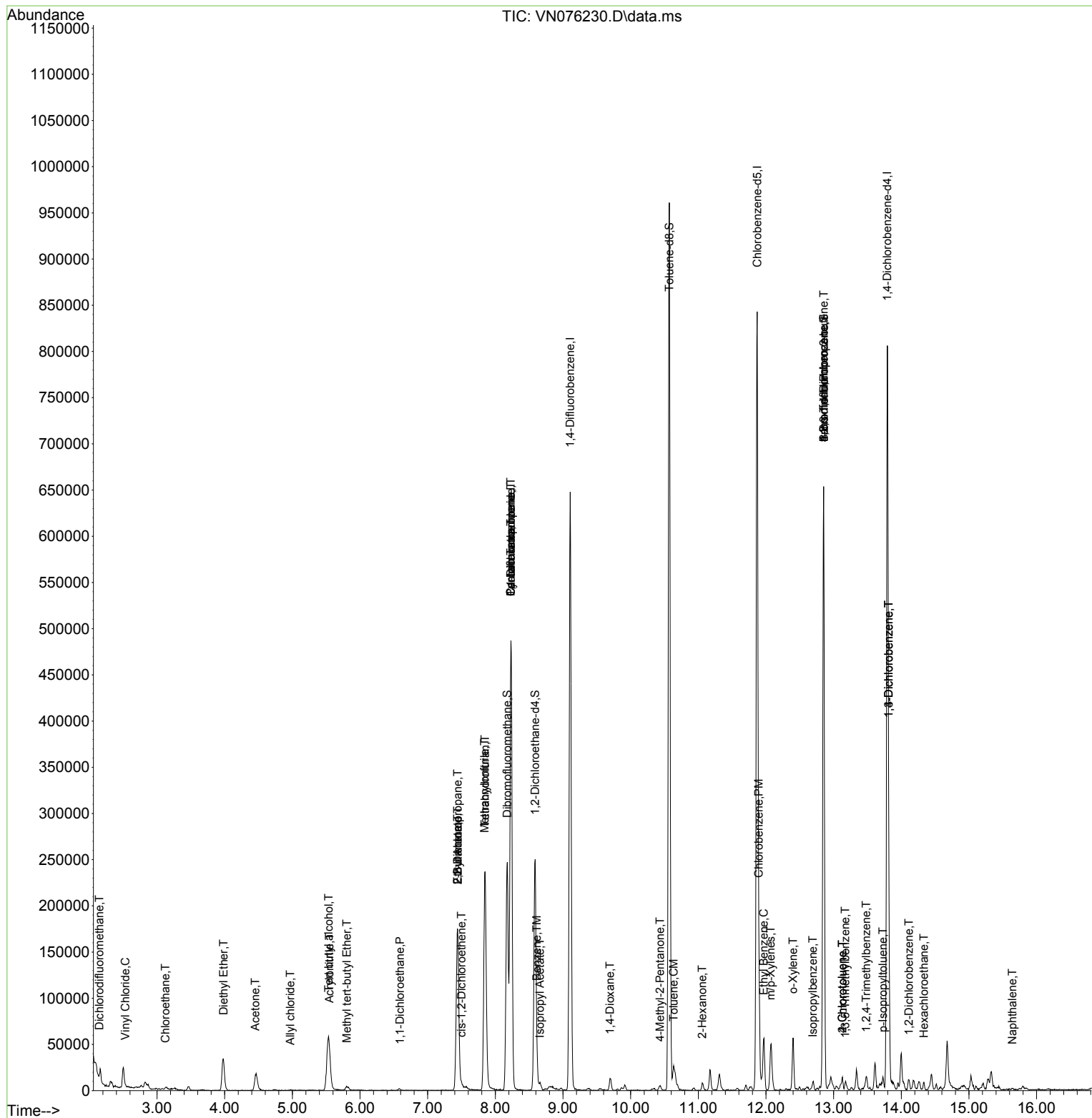
82) 4-Chlorotoluene	13.129	91	6209	0.577	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	8987	0.692	ug/l	96
86) p-Isopropyltoluene	13.729	119	5516	0.416	ug/l	94
87) 1,3-Dichlorobenzene	13.812	146	59295	8.114	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	59295	7.943	ug/l	95
90) Hexachloroethane	14.335	117	532	0.224	ug/l #	11
91) 1,2-Dichlorobenzene	14.112	146	4644	0.645	ug/l	97
95) Naphthalene	15.641	128	2061	2.345	ug/l #	78

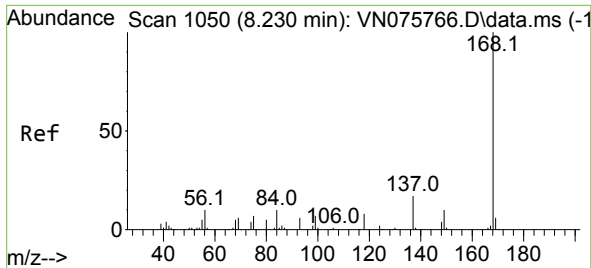
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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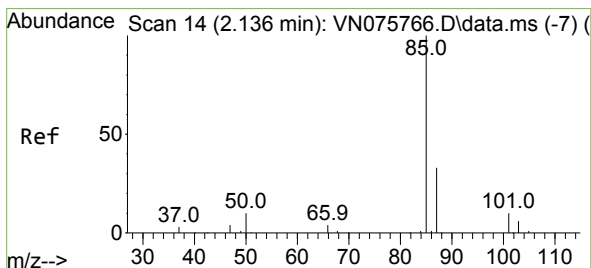
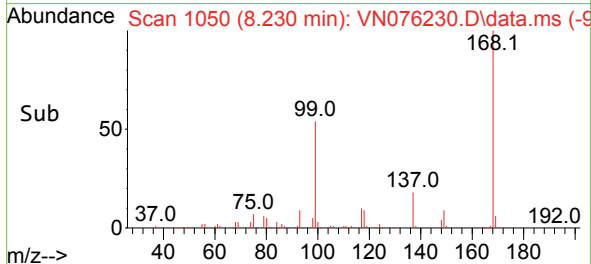
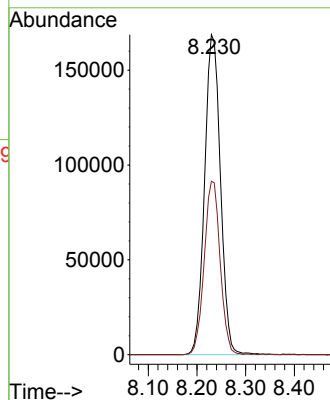
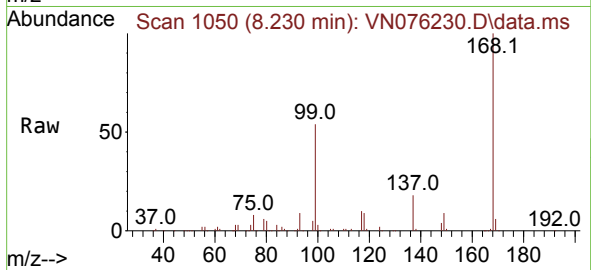




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

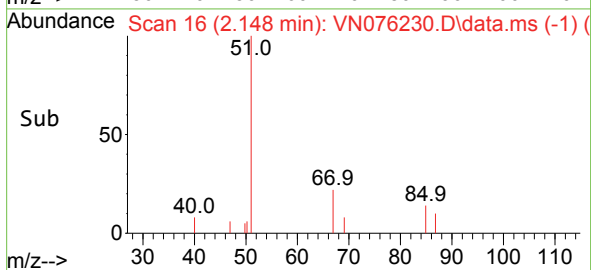
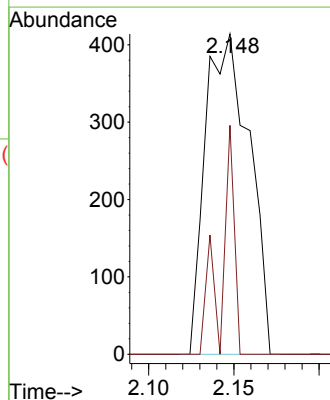
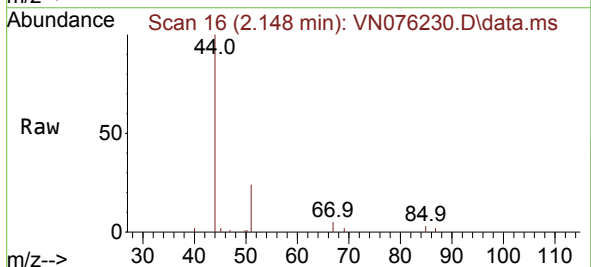
Instrument :
MSVOA_N
ClientSampleId :
230111062-02-VOA

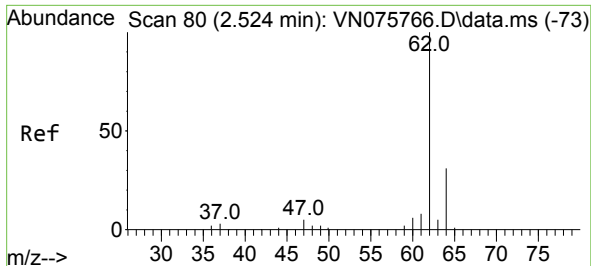
Tgt Ion:168 Resp: 381887
Ion Ratio Lower Upper
168 100
99 54.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 0.273 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.012 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

Tgt Ion: 85 Resp: 741
Ion Ratio Lower Upper
85 100
87 71.5 16.3 48.9

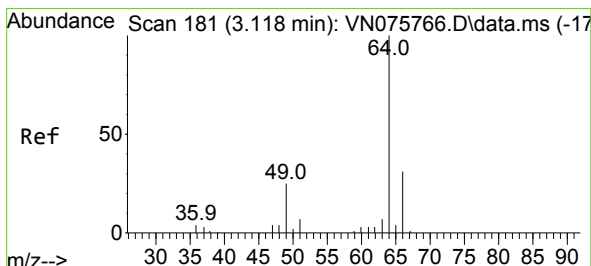
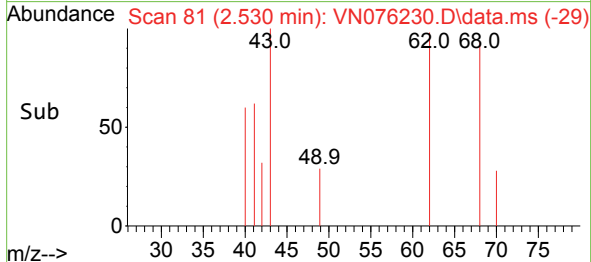
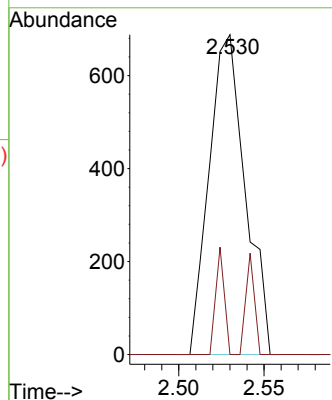
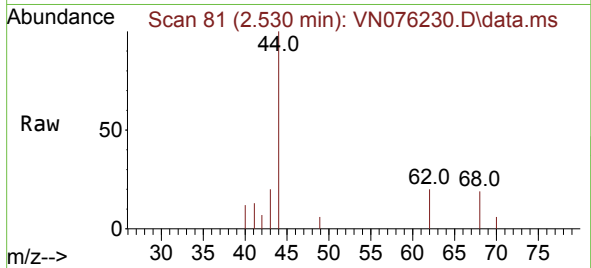




#4
 Vinyl Chloride
 Concen: 0.253 ug/l
 RT: 2.530 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VN076230.D
 Acq: 12 Jan 2023 15:03

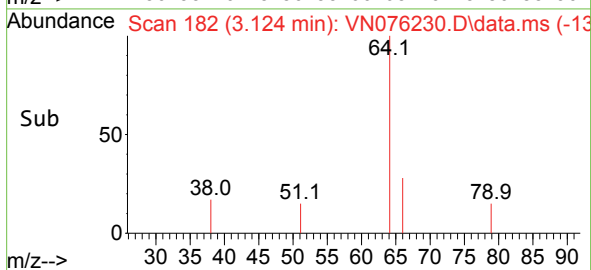
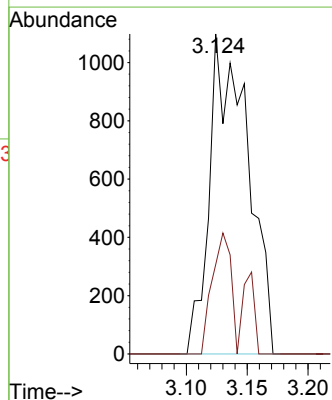
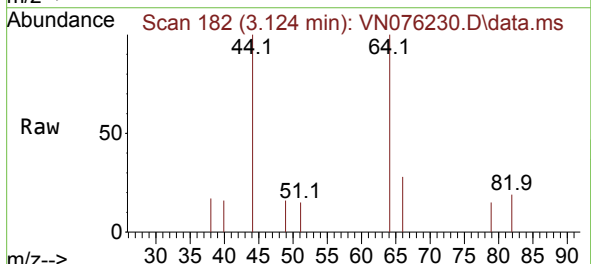
Instrument :
 MSVOA_N
 ClientSampleId :
 230111062-02-VOA

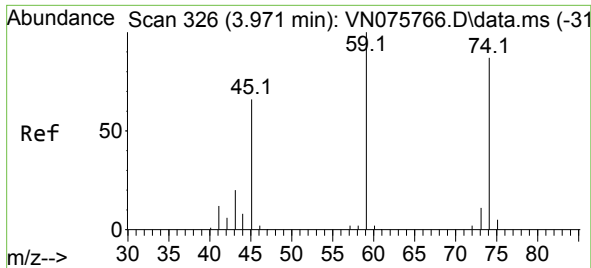
Tgt Ion: 62 Resp: 1016
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.9 37.3#



#6
 Chloroethane
 Concen: 0.805 ug/l
 RT: 3.124 min Scan# 182
 Delta R.T. 0.006 min
 Lab File: VN076230.D
 Acq: 12 Jan 2023 15:03

Tgt Ion: 64 Resp: 2398
 Ion Ratio Lower Upper
 64 100
 66 28.0 24.6 36.8

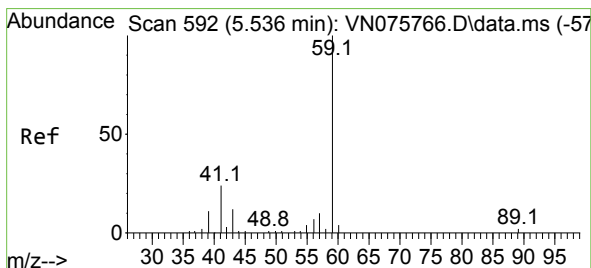
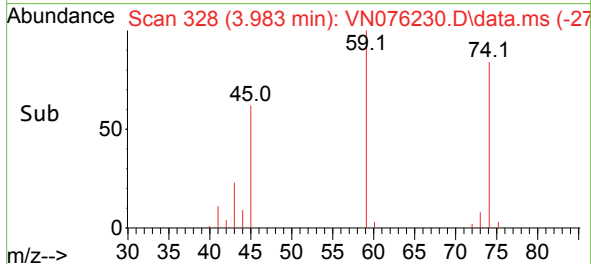
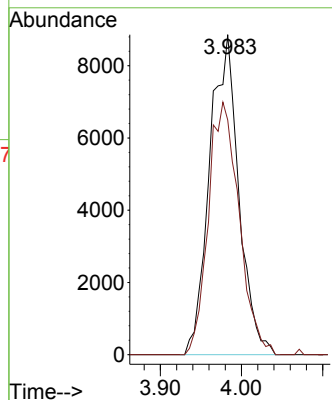
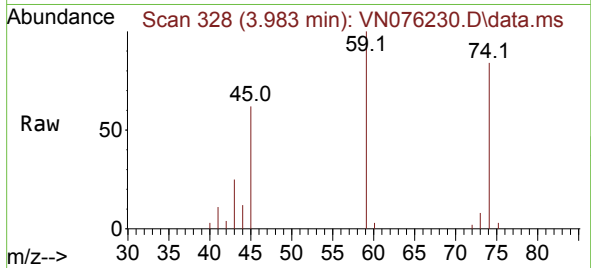




#8
Diethyl Ether
Concen: 9.902 ug/l
RT: 3.983 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

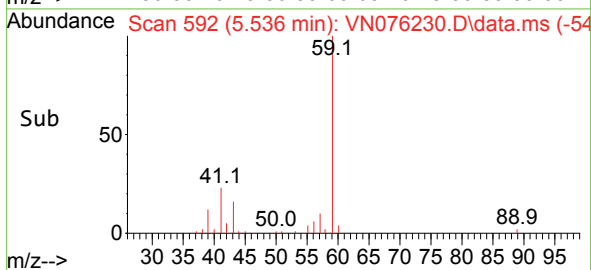
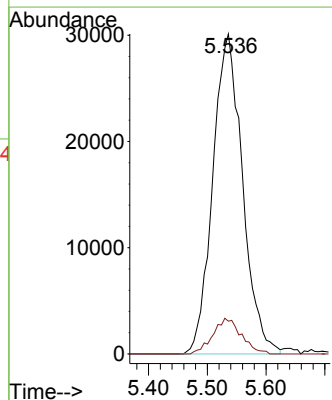
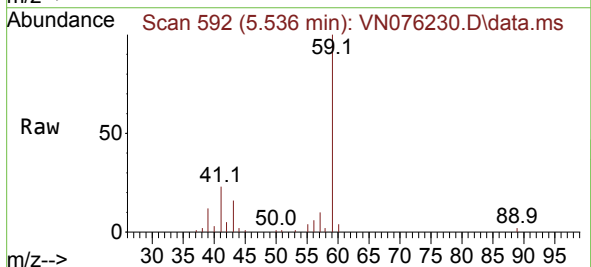
Instrument :
MSVOA_N
ClientSampleId :
230111062-02-VOA

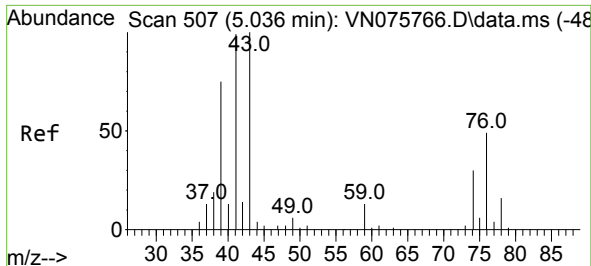
Tgt Ion: 74 Resp: 22073
Ion Ratio Lower Upper
74 100
45 83.3 37.8 113.4



#11
Tert butyl alcohol
Concen: 180.037 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

Tgt Ion: 59 Resp: 105838
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

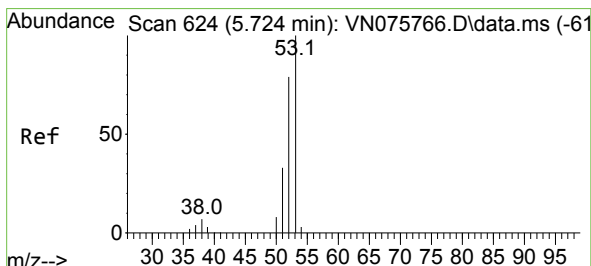
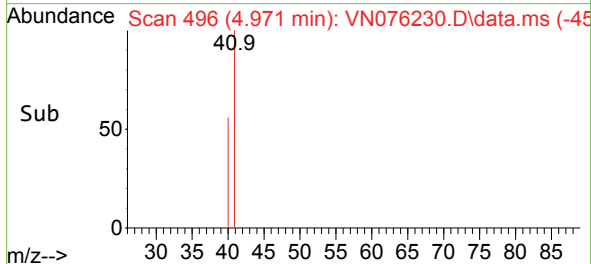
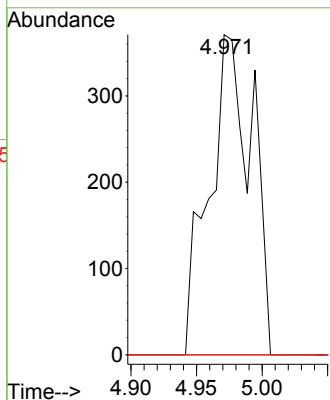
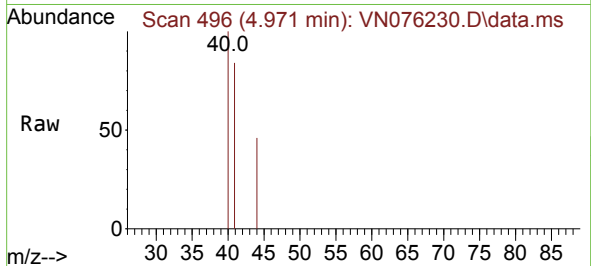




#14
 Allyl chloride
 Concen: 0.213 ug/l
 RT: 4.971 min Scan# 496
 Delta R.T. -0.065 min
 Lab File: VN076230.D
 Acq: 12 Jan 2023 15:03

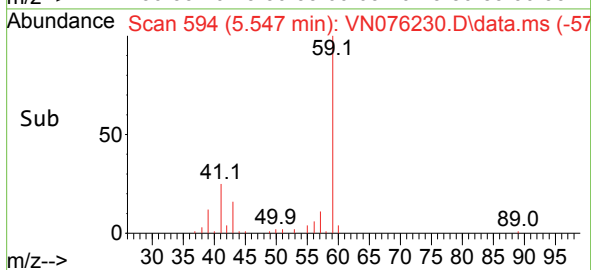
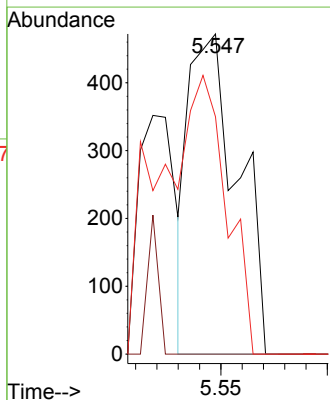
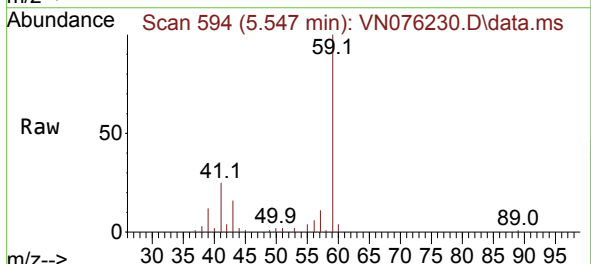
Instrument :
 MSVOA_N
 ClientSampleId :
 230111062-02-VOA

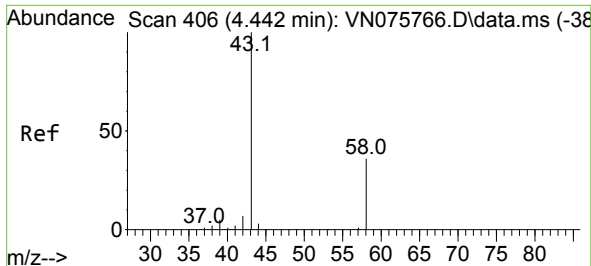
Tgt Ion:	41	Resp:	841
Ion	Ratio	Lower	Upper
41	100		
39	0.0	58.3	87.5#
76	0.0	35.8	53.6#



#15
 Acrylonitrile
 Concen: 0.472 ug/l
 RT: 5.547 min Scan# 594
 Delta R.T. -0.176 min
 Lab File: VN076230.D
 Acq: 12 Jan 2023 15:03

Tgt Ion:	53	Resp:	758
Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.4	98.0#
51	119.5	28.9	43.3#





#16

Acetone

Concen: 4.140 ug/l

RT: 4.453 min Scan# 408

Delta R.T. 0.012 min

Lab File: VN076230.D

Acq: 12 Jan 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

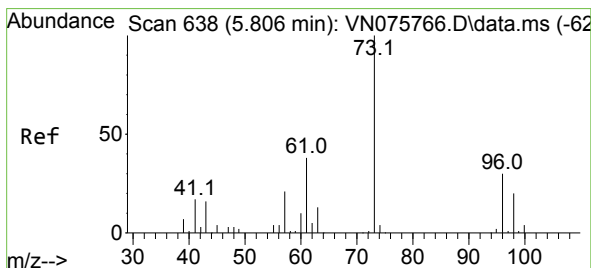
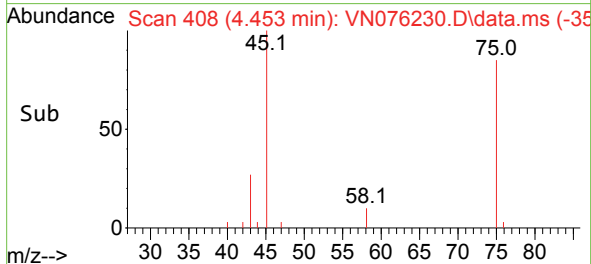
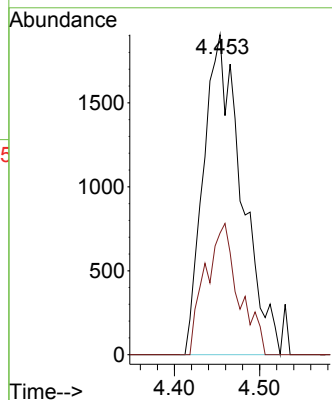
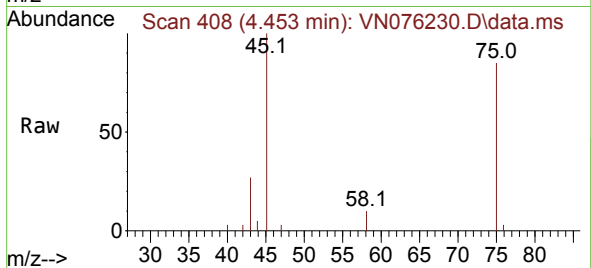
230111062-02-VOA

Tgt Ion: 43 Resp: 5929

Ion Ratio Lower Upper

43 100

58 38.0 28.6 43.0



#19

Methyl tert-butyl Ether

Concen: 0.326 ug/l

RT: 5.806 min Scan# 638

Delta R.T. 0.000 min

Lab File: VN076230.D

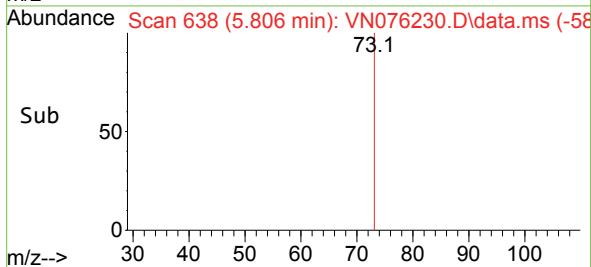
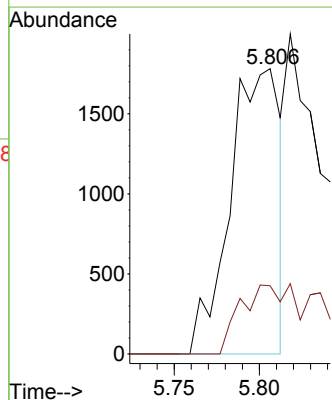
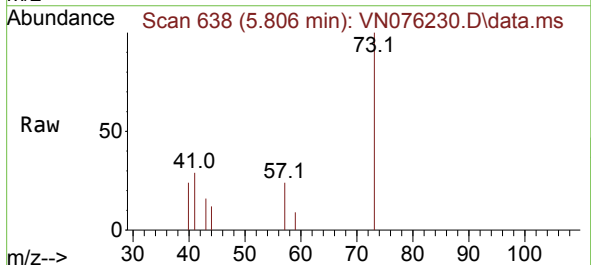
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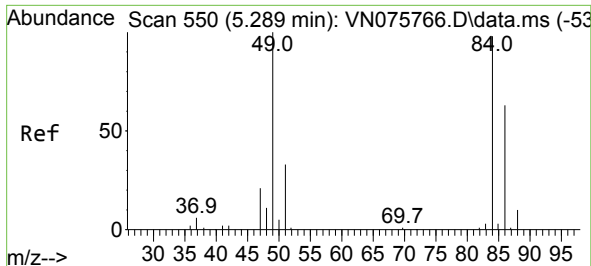
Tgt Ion: 73 Resp: 3639

Ion Ratio Lower Upper

73 100

57 23.9 17.1 25.7

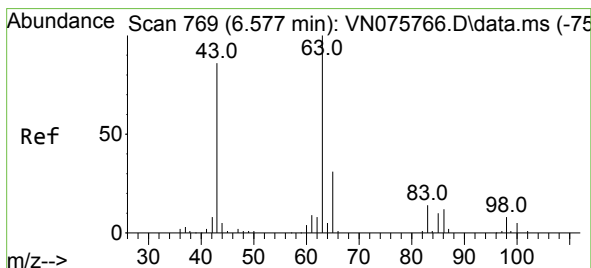
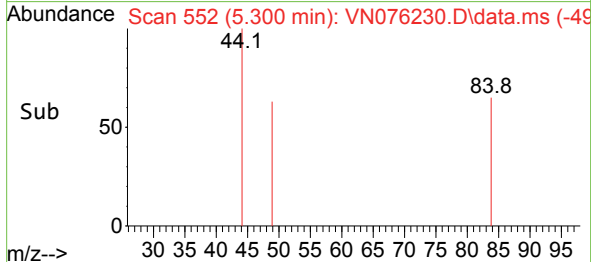
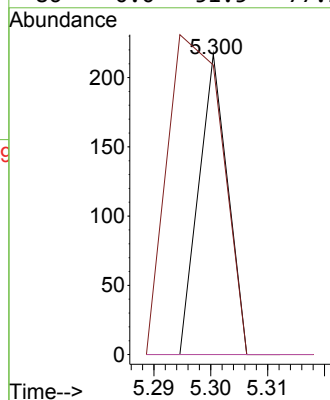
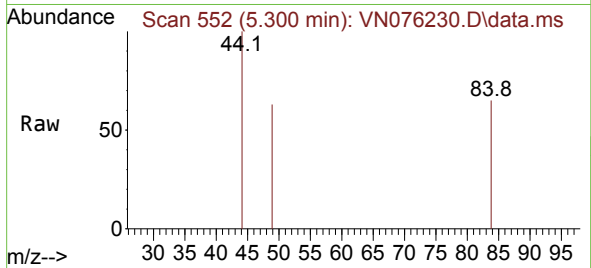




#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

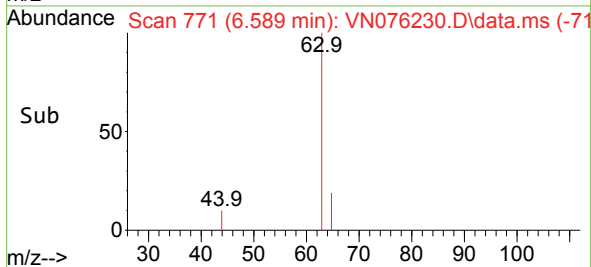
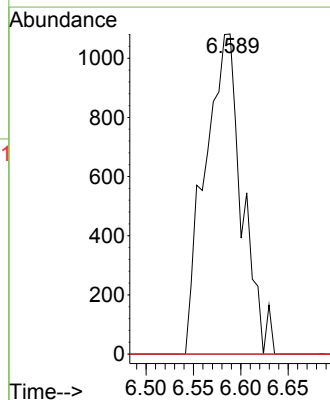
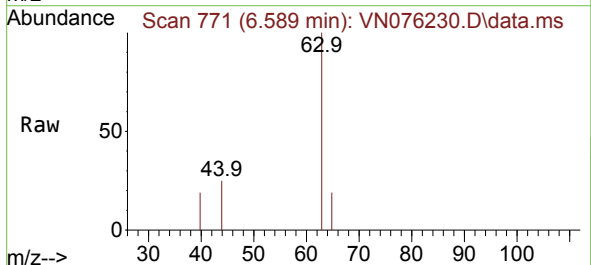
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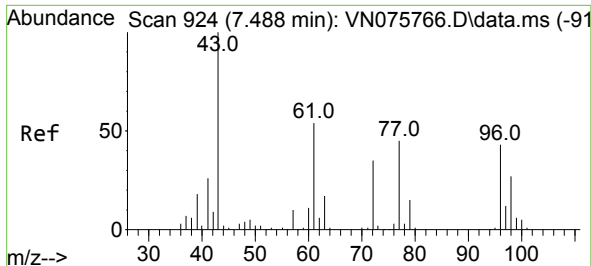
Tgt Ion: 84	Resp: 77
Ion Ratio	Lower Upper
84 100	
49 96.3	81.8 122.6
51 0.0	26.7 40.1#
86 0.0	51.5 77.3#



#24
1,1-Dichloroethane
Concen: 0.457 ug/l
RT: 6.589 min Scan# 771
Delta R.T. 0.012 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

Tgt Ion: 63	Resp: 2932
Ion Ratio	Lower Upper
63 100	
98 0.0	3.9 11.5#
100 0.0	2.5 7.6#

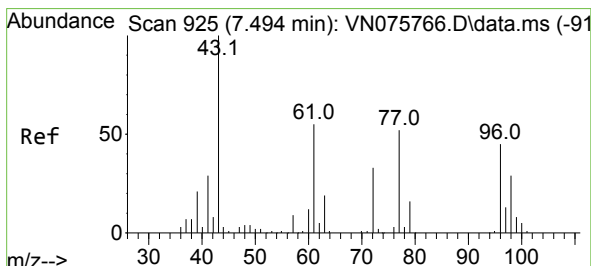
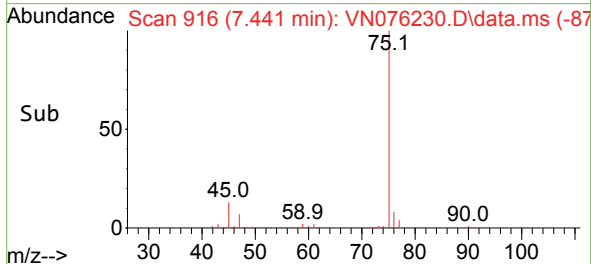
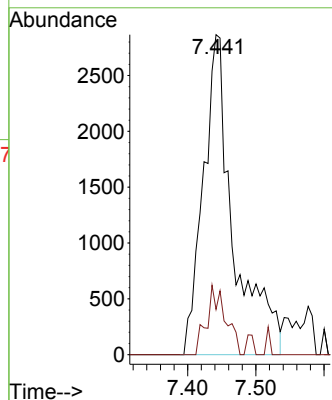
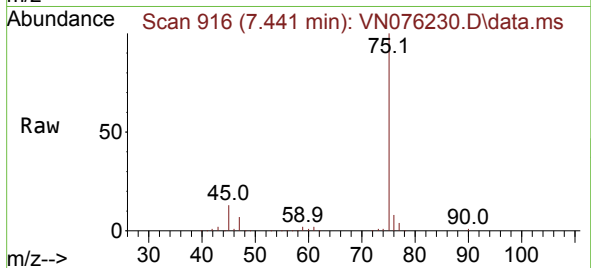




#25
2-Butanone
Concen: 4.415 ug/l
RT: 7.441 min Scan# 916
Delta R.T. -0.047 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

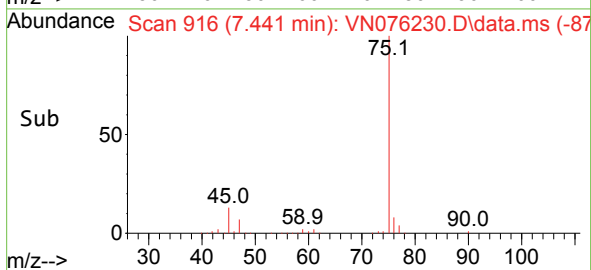
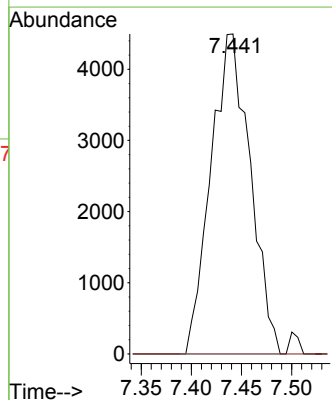
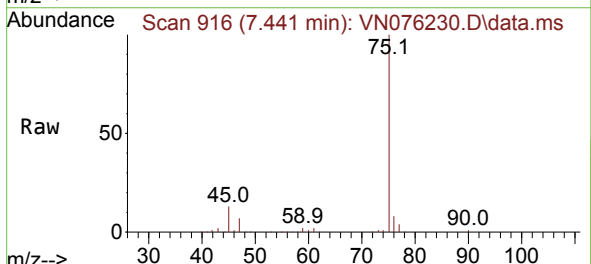
Instrument :
MSVOA_N
ClientSampleId :
230111062-02-VOA

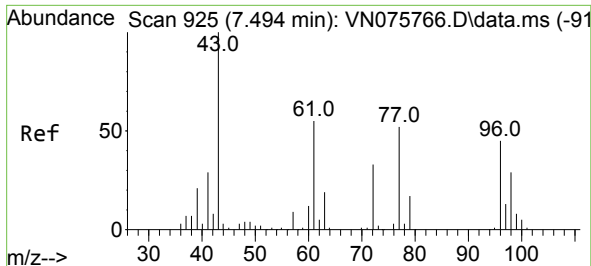
Tgt Ion: 43 Resp: 8853
Ion Ratio Lower Upper
43 100
72 14.1 28.0 42.0#



#26
2,2-Dichloropropane
Concen: 2.256 ug/l
RT: 7.441 min Scan# 916
Delta R.T. -0.053 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

Tgt Ion: 77 Resp: 12246
Ion Ratio Lower Upper
77 100
97 0.0 12.7 38.0#

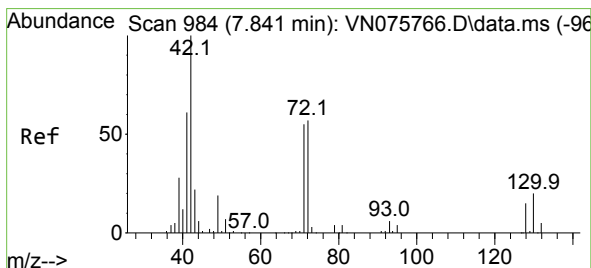
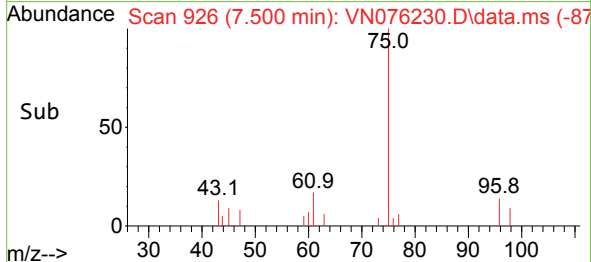
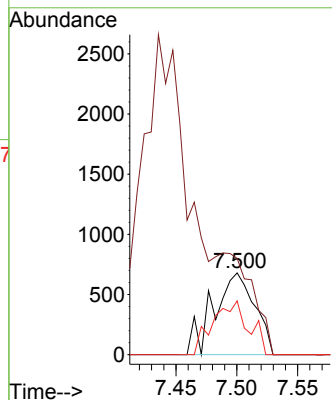
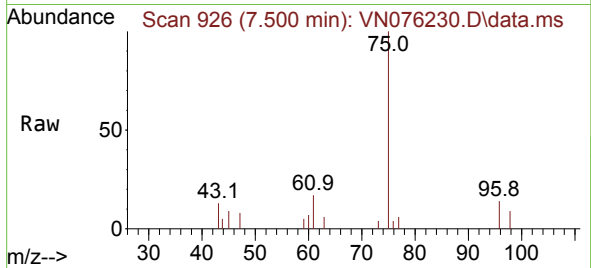




#27
cis-1,2-Dichloroethene
Concen: 0.361 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

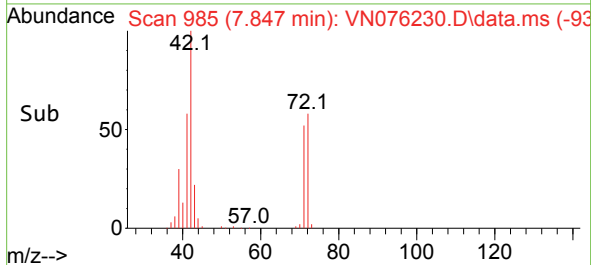
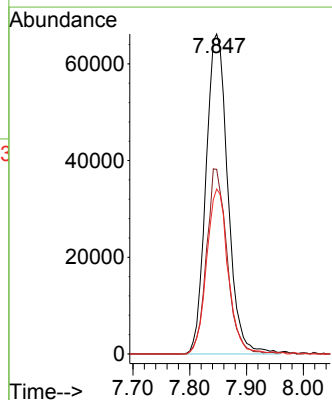
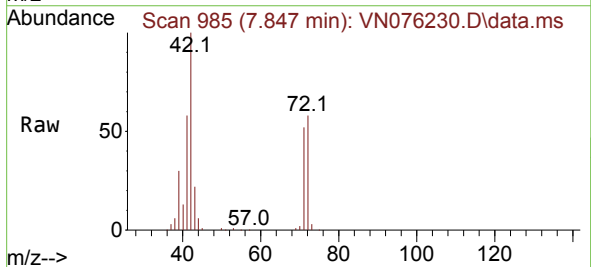
Instrument :
MSVOA_N
ClientSampleId :
230111062-02-VOA

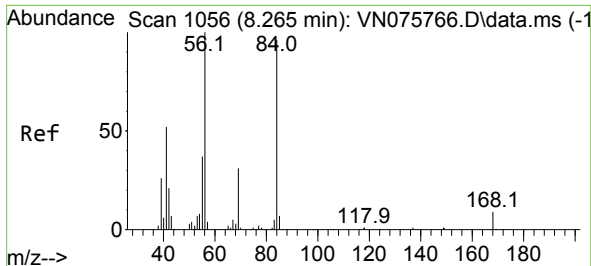
Tgt Ion: 96 Resp: 1600
Ion Ratio Lower Upper
96 100
61 0.0 0.0 247.8
98 56.9 0.0 128.4



#29
Tetrahydrofuran
Concen: 140.656 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

Tgt Ion: 42 Resp: 176757
Ion Ratio Lower Upper
42 100
72 54.5 44.5 66.7
71 50.5 41.0 61.6

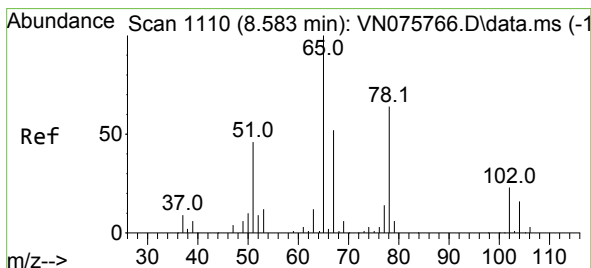
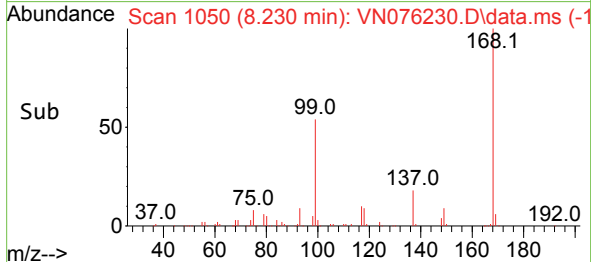
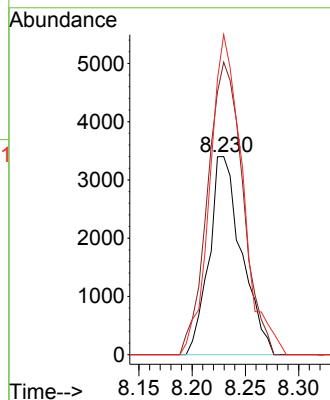
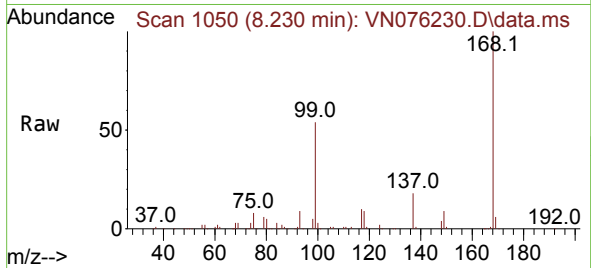




#31
Cyclohexane
Concen: 1.212 ug/l
RT: 8.230 min Scan# 1056
Delta R.T. -0.035 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

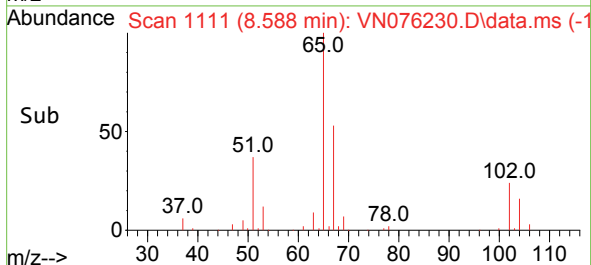
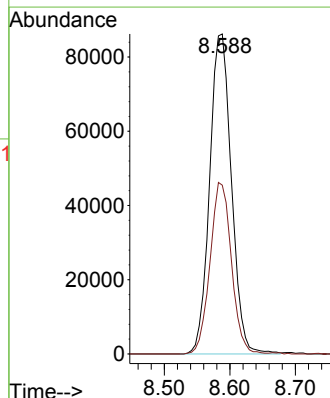
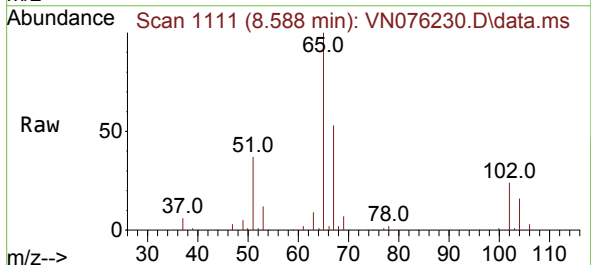
Instrument :
MSVOA_N
ClientSampleId :
230111062-02-VOA

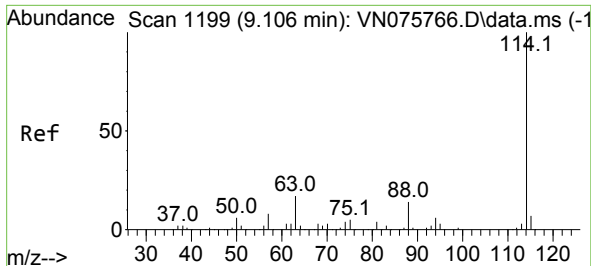
Tgt Ion: 56 Resp: 7214
Ion Ratio Lower Upper
56 100
69 147.7 24.7 37.1#
84 168.5 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 47.882 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

Tgt Ion: 65 Resp: 198930
Ion Ratio Lower Upper
65 100
67 52.6 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: VN076230.D

Acq: 12 Jan 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

230111062-02-VOA

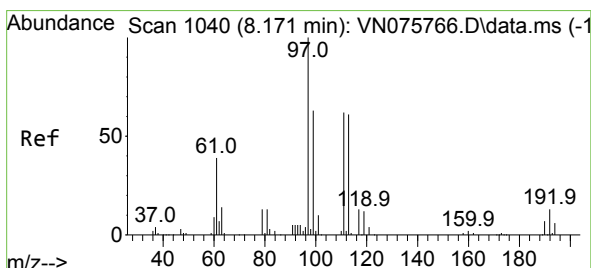
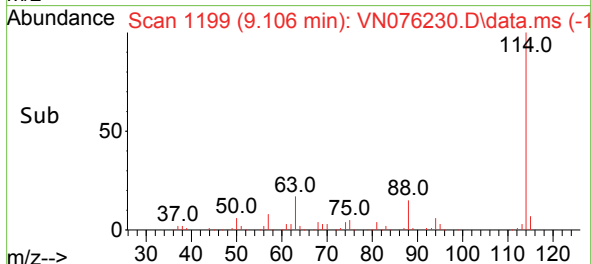
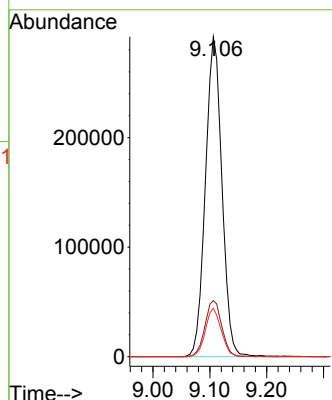
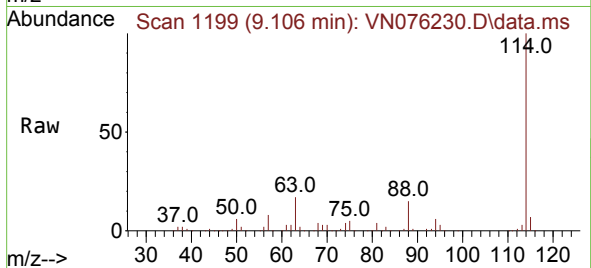
Tgt Ion:114 Resp: 588014

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 15.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.379 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076230.D

Acq: 12 Jan 2023 15:03

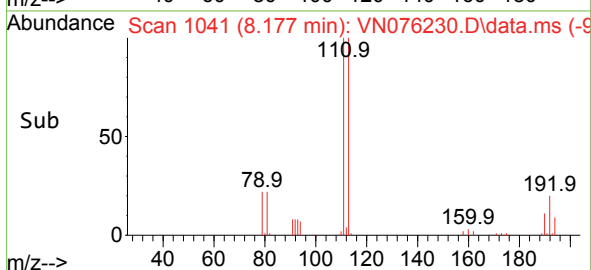
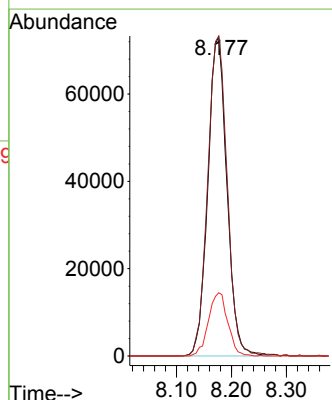
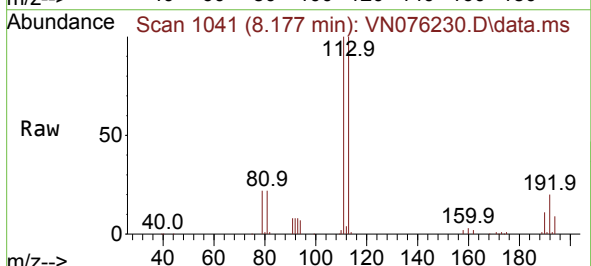
Tgt Ion:113 Resp: 176170

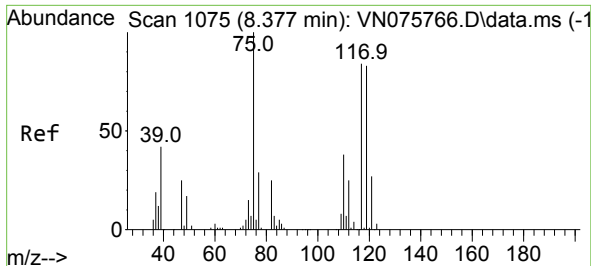
Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

192 20.0 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.825 ug/l

RT: 8.230 min Scan# 1075

Delta R.T. -0.147 min

Lab File: VN076230.D

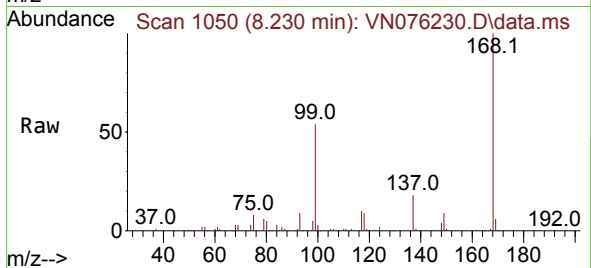
Acq: 12 Jan 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

230111062-02-VOA



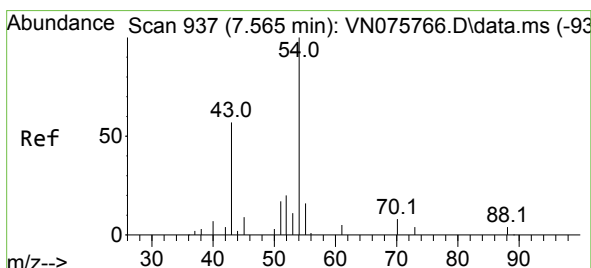
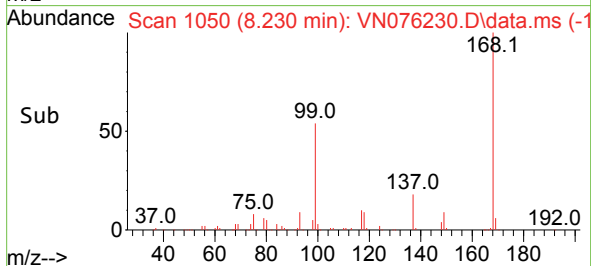
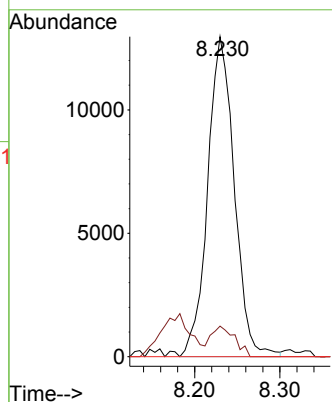
Tgt Ion: 75 Resp: 28178

Ion Ratio Lower Upper

75 100

110 8.4 18.8 56.4#

77 0.0 24.1 36.1#



#37

Ethyl Acetate

Concen: 2.278 ug/l

RT: 7.441 min Scan# 916

Delta R.T. -0.123 min

Lab File: VN076230.D

Acq: 12 Jan 2023 15:03

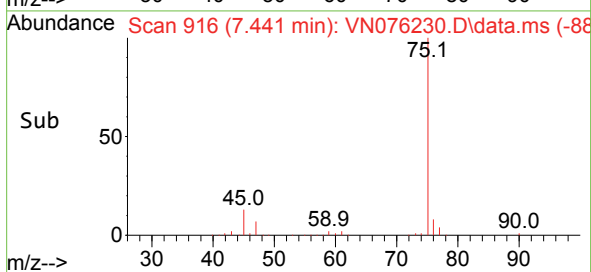
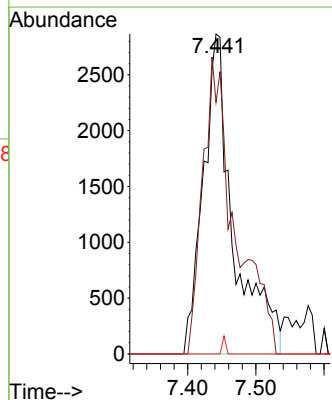
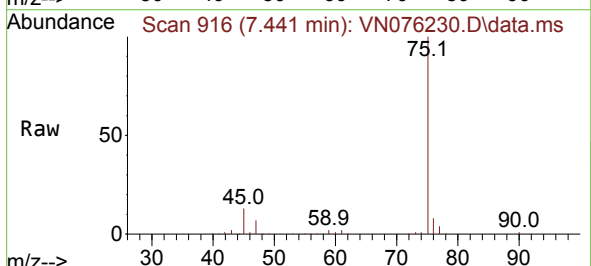
Tgt Ion: 43 Resp: 8853

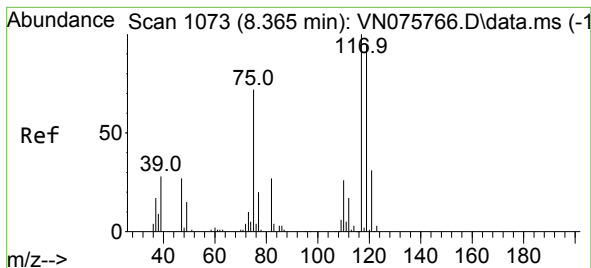
Ion Ratio Lower Upper

43 100

61 81.3 13.0 19.4#

70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 6.874 ug/l

RT: 8.230 min Scan# 1105

Delta R.T. -0.135 min

Lab File: VN076230.D

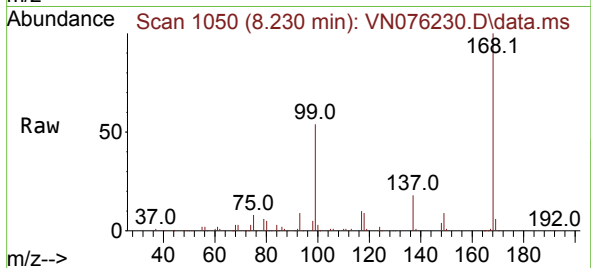
Acq: 12 Jan 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

230111062-02-VOA



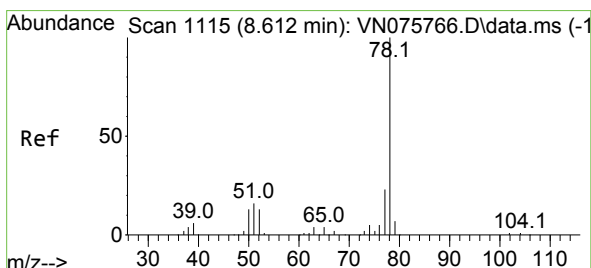
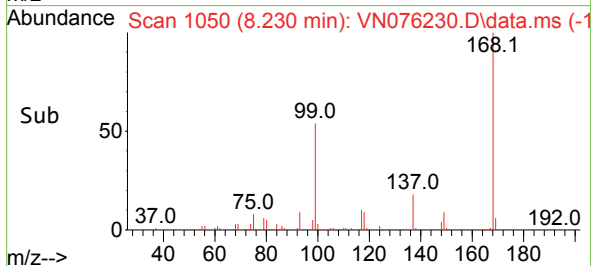
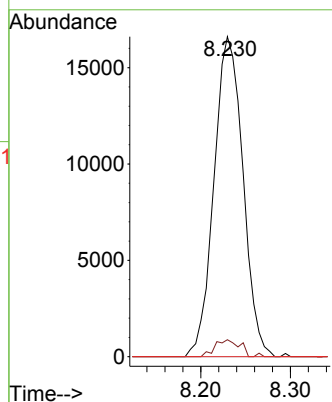
Tgt Ion:117 Resp: 37218

Ion Ratio Lower Upper

117 100

119 5.3 76.1 114.1#

121 0.0 24.5 36.7#



#40

Benzene

Concen: 1.191 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076230.D

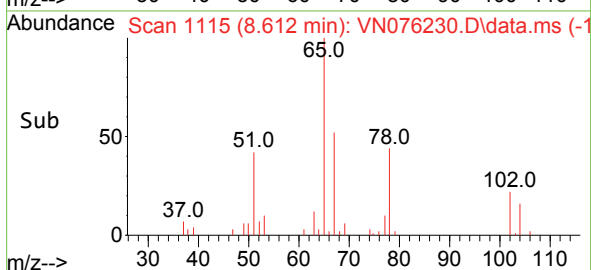
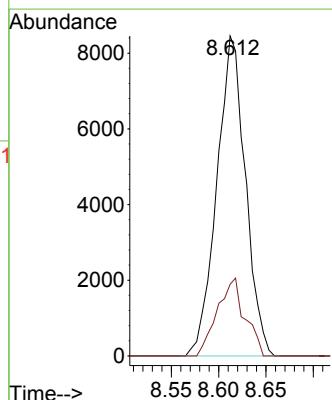
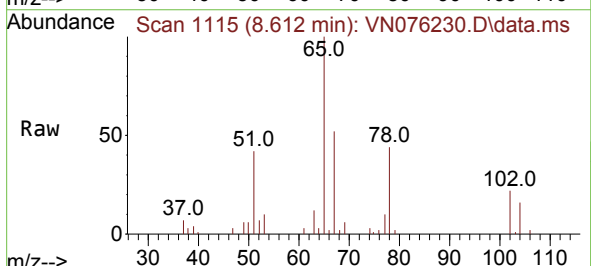
Acq: 12 Jan 2023 15:03

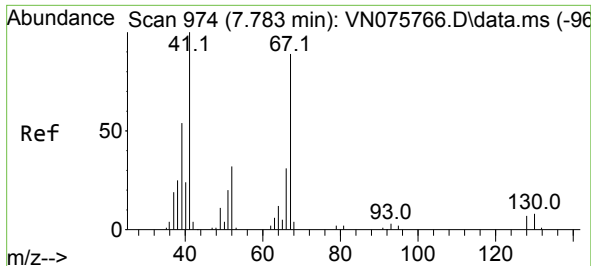
Tgt Ion: 78 Resp: 17777

Ion Ratio Lower Upper

78 100

77 22.4 18.5 27.7

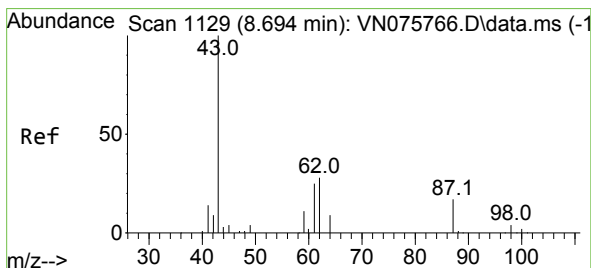
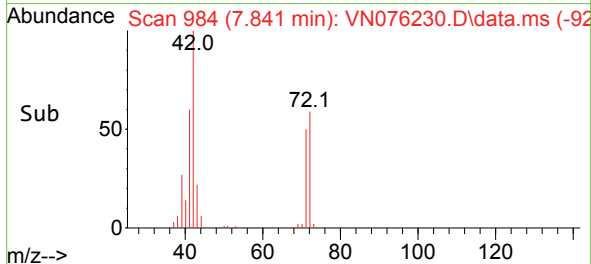
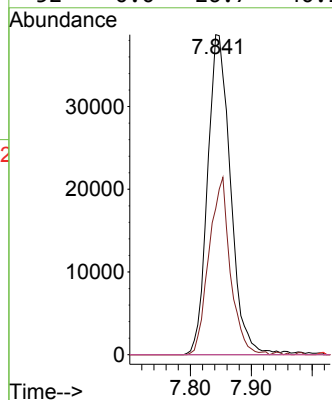
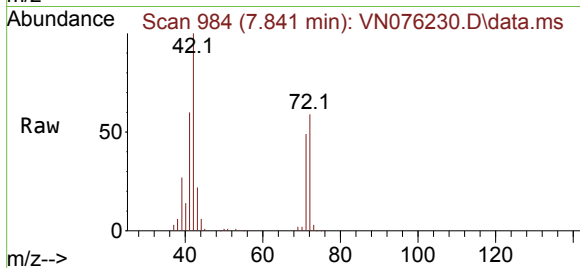




#41
Methacrylonitrile
Concen: 50.133 ug/l
RT: 7.841 min Scan# 91
Delta R.T. 0.059 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

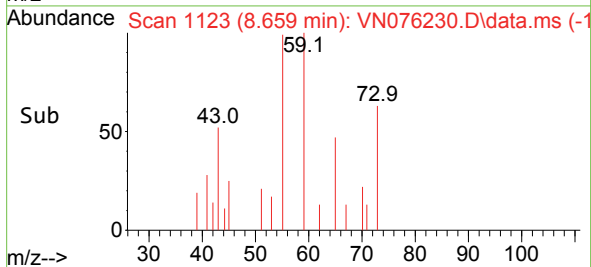
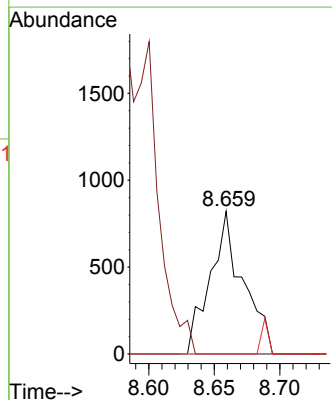
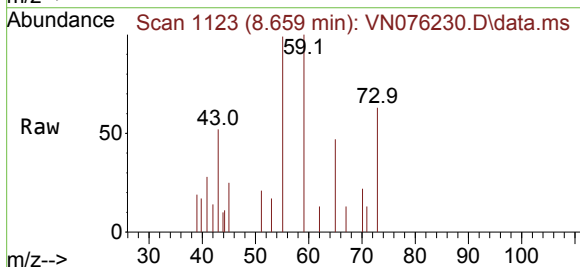
Instrument :
MSVOA_N
ClientSampleId :
230111062-02-VOA

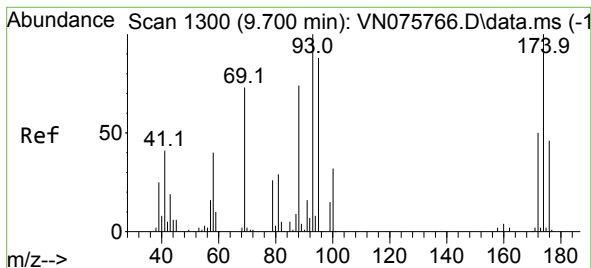
Tgt Ion:	41	Resp:	101253
Ion	Ratio	Lower	Upper
41	100		
39	51.5	43.1	64.7
67	0.0	70.7	106.1#
52	0.0	26.7	40.1#



#43
Isopropyl Acetate
Concen: 0.224 ug/l
RT: 8.659 min Scan# 1123
Delta R.T. -0.035 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

Tgt Ion:	43	Resp:	1436
Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.2	36.4#
87	0.0	13.3	19.9#





#49

1,4-Dioxane

Concen: 156.925 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076230.D

Acq: 12 Jan 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

230111062-02-VOA

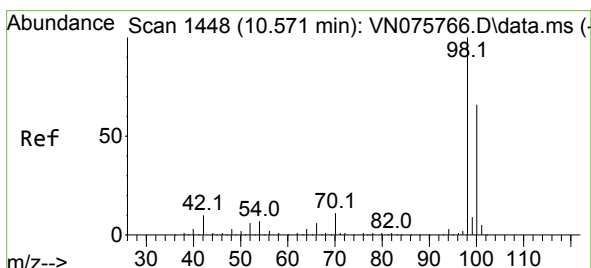
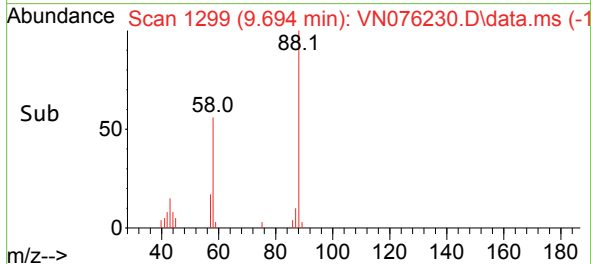
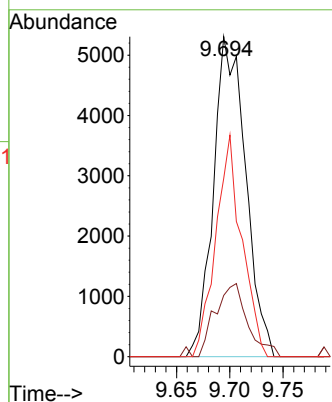
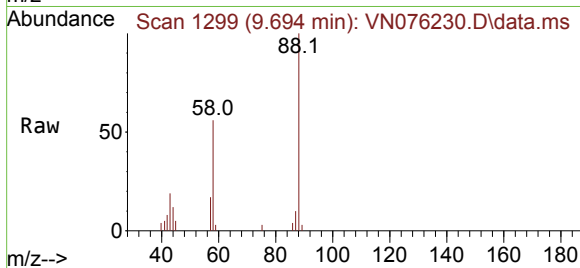
Tgt Ion: 88 Resp: 11137

Ion Ratio Lower Upper

88 100

43 23.0 17.1 25.7

58 56.2 47.8 71.8



#50

Toluene-d8

Concen: 49.593 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076230.D

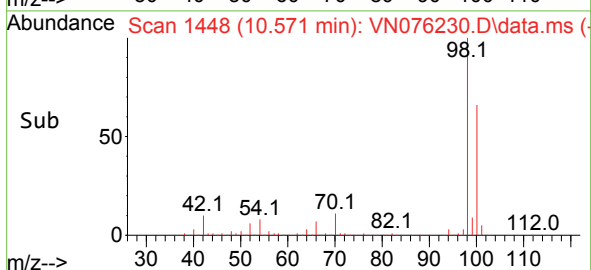
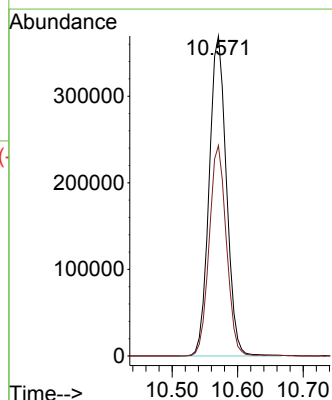
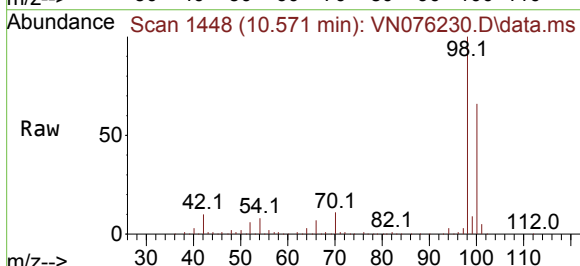
Acq: 12 Jan 2023 15:03

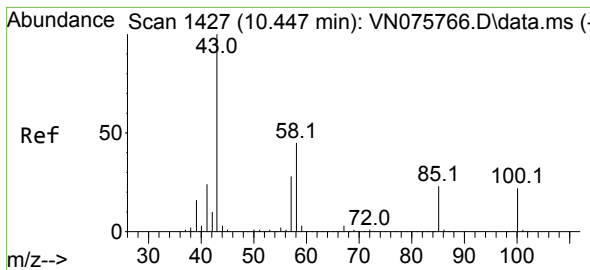
Tgt Ion: 98 Resp: 675219

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1

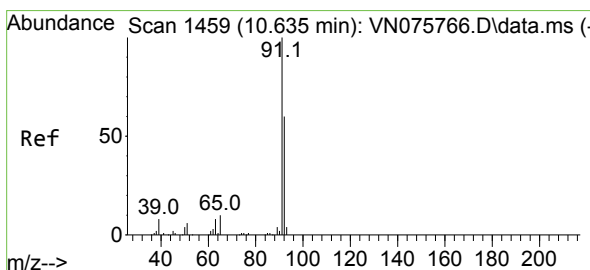
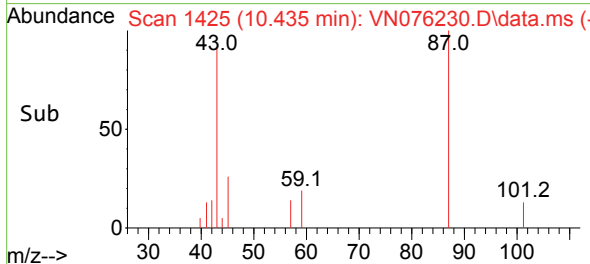
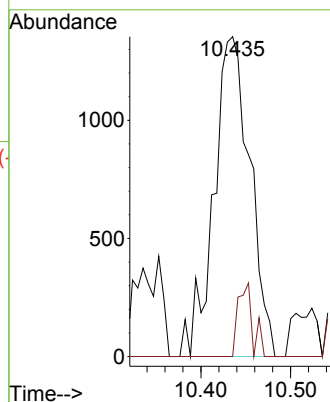
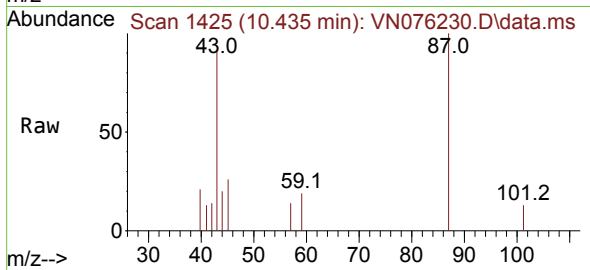




#51
4-Methyl-2-Pentanone
Concen: 0.977 ug/l
RT: 10.435 min Scan# 1425
Delta R.T. -0.012 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

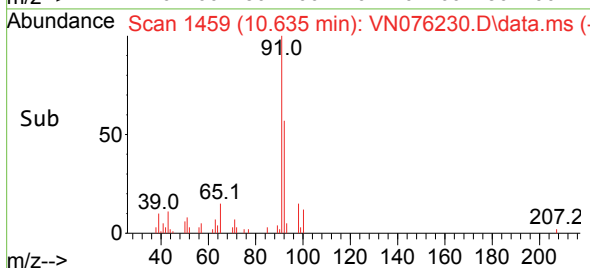
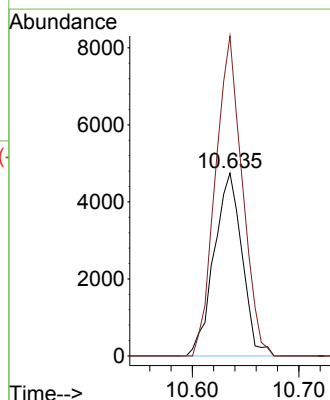
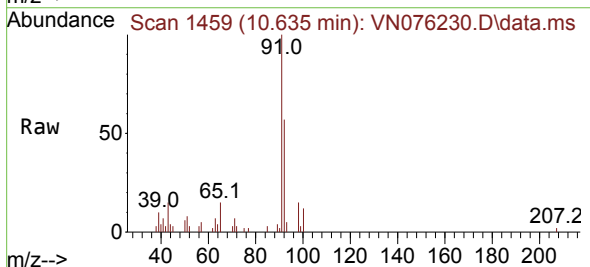
Instrument :
MSVOA_N
ClientSampleId :
230111062-02-VOA

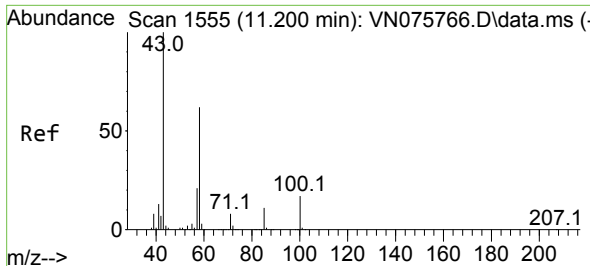
Tgt Ion: 43 Resp: 3787
Ion Ratio Lower Upper
43 100
58 9.2 35.5 53.3#



#52
Toluene
Concen: 0.890 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

Tgt Ion: 92 Resp: 8653
Ion Ratio Lower Upper
92 100
91 168.5 137.3 205.9

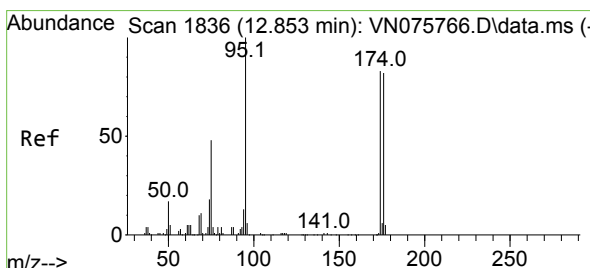
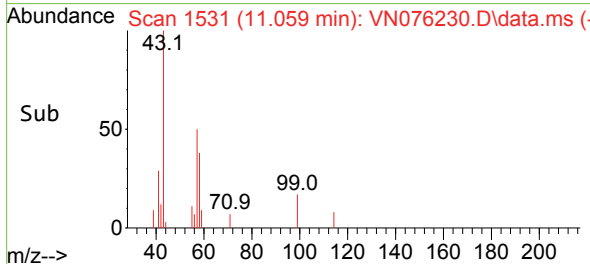
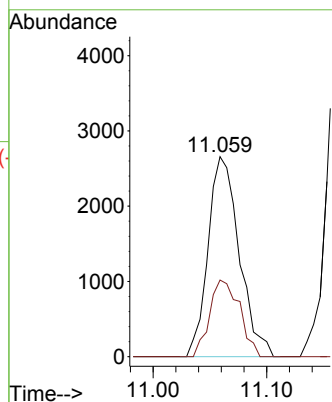
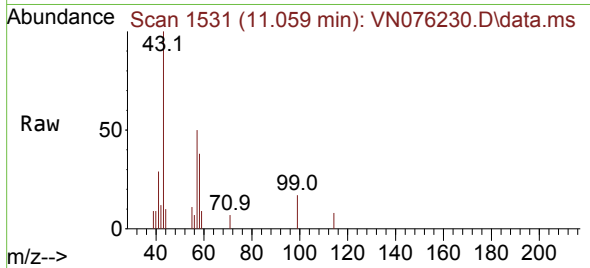




#59
2-Hexanone
Concen: 1.791 ug/l
RT: 11.059 min Scan# 1531
Delta R.T. -0.141 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

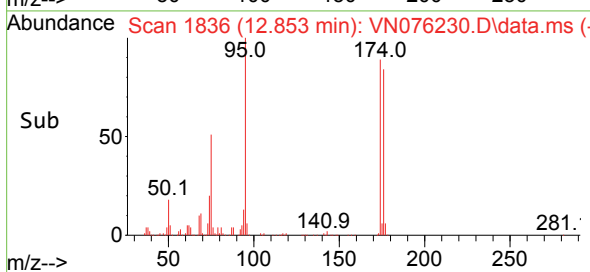
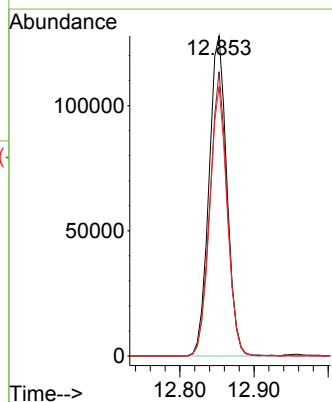
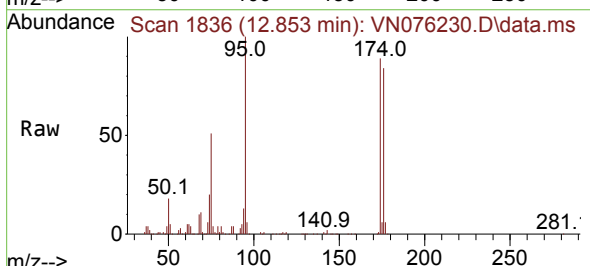
Instrument :
MSVOA_N
ClientSampleId :
230111062-02-VOA

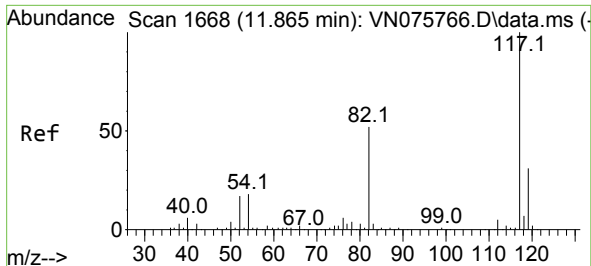
Tgt Ion: 43 Resp: 5064
Ion Ratio Lower Upper
43 100
58 36.8 30.6 92.0



#62
4-Bromofluorobenzene
Concen: 47.546 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

Tgt Ion: 95 Resp: 214409
Ion Ratio Lower Upper
95 100
174 85.8 0.0 171.6
176 82.2 0.0 169.2

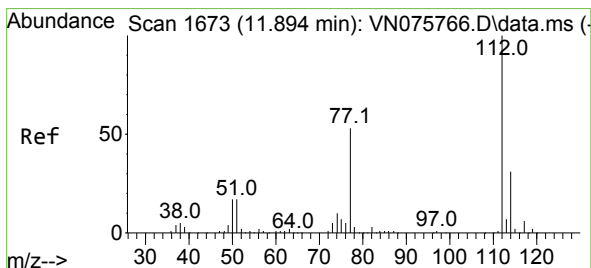
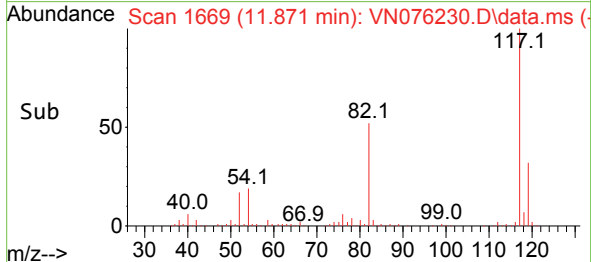
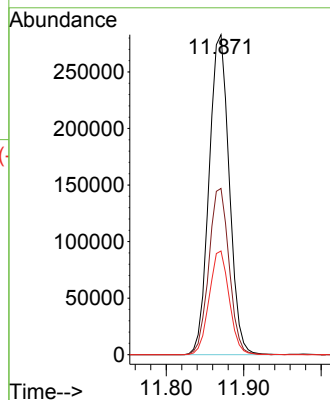
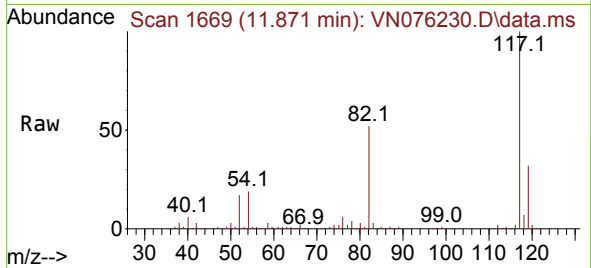




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

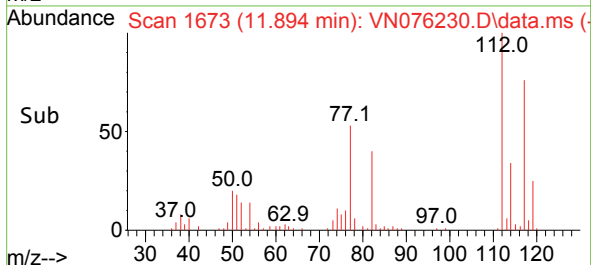
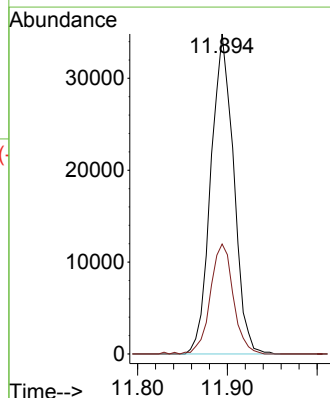
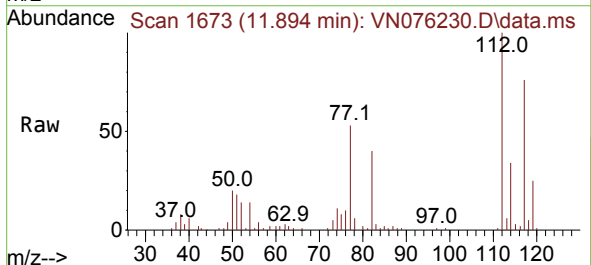
Instrument :
MSVOA_N
ClientSampleId :
230111062-02-VOA

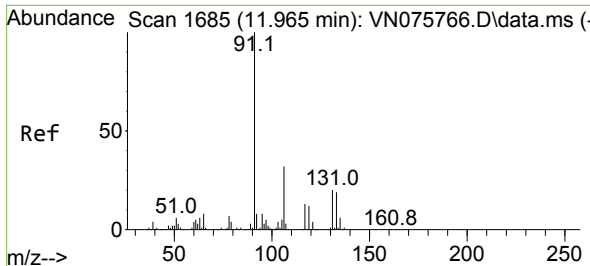
Tgt Ion:117 Resp: 510872
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 32.4 24.6 37.0



#65
Chlorobenzene
Concen: 5.857 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

Tgt Ion:112 Resp: 61413
Ion Ratio Lower Upper
112 100
114 34.3 24.7 37.1

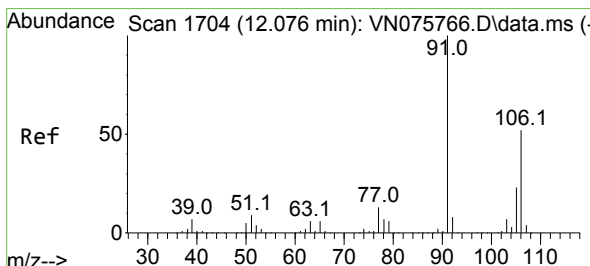
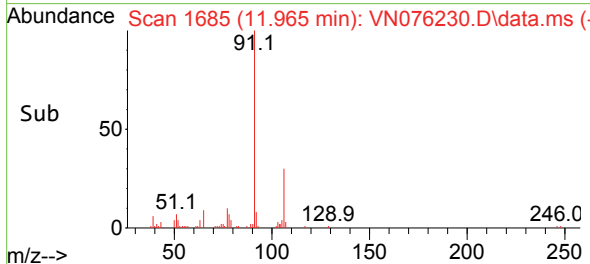
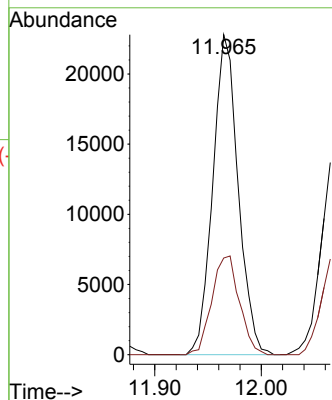
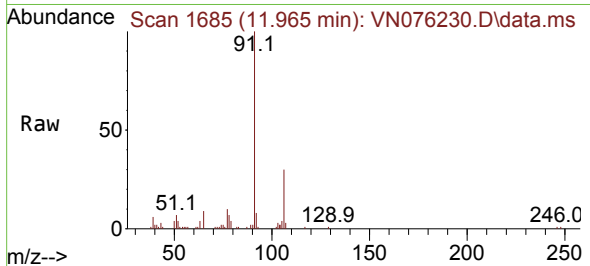




#67
Ethyl Benzene
Concen: 2.127 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

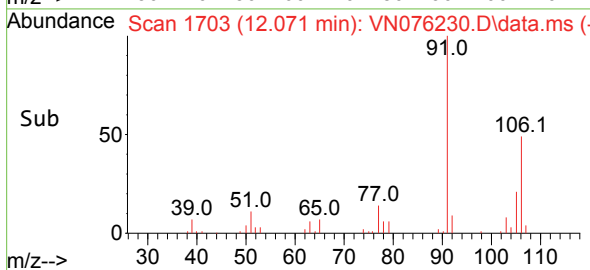
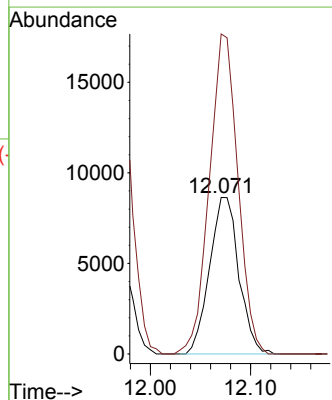
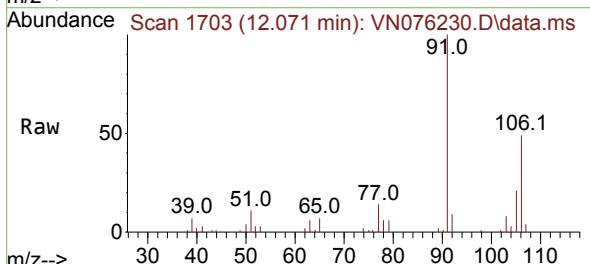
Instrument :
MSVOA_N
ClientSampleId :
230111062-02-VOA

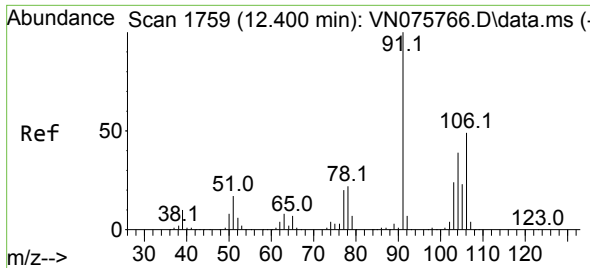
Tgt Ion: 91 Resp: 37637
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5



#68
m/p-Xylenes
Concen: 2.505 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

Tgt Ion: 106 Resp: 17543
Ion Ratio Lower Upper
106 100
91 199.3 156.6 235.0





#69

o-Xylene

Concen: 2.289 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076230.D

Acq: 12 Jan 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

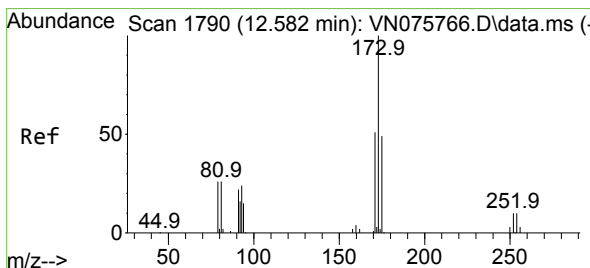
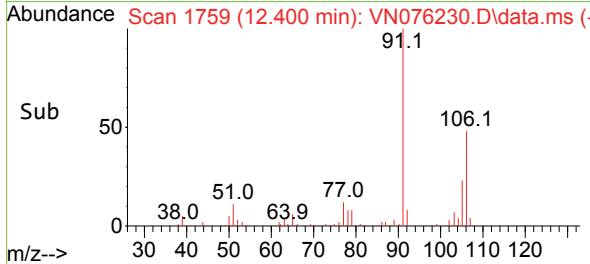
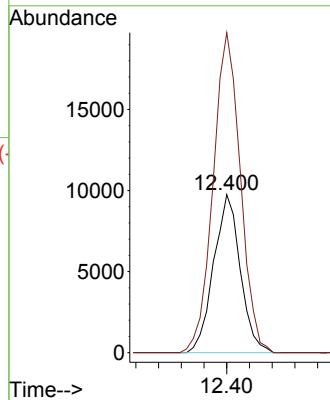
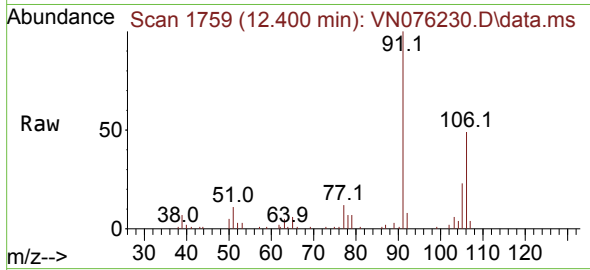
230111062-02-VOA

Tgt Ion:106 Resp: 15868

Ion Ratio Lower Upper

106 100

91 207.5 103.8 311.6



#71

Bromoform

Concen: 0.640 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.271 min

Lab File: VN076230.D

Acq: 12 Jan 2023 15:03

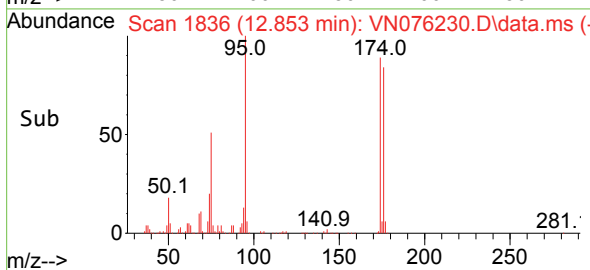
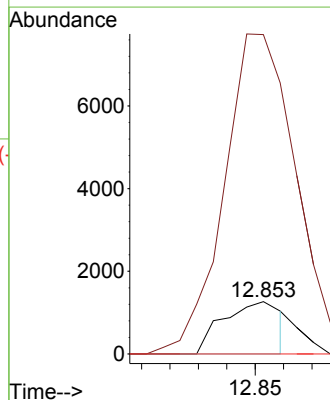
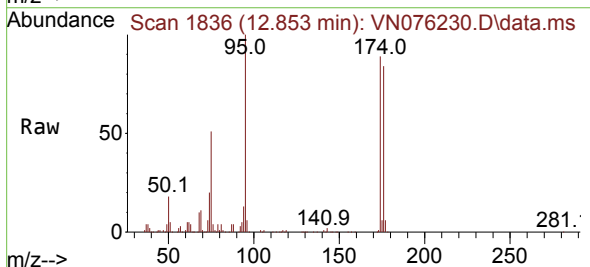
Tgt Ion:173 Resp: 1810

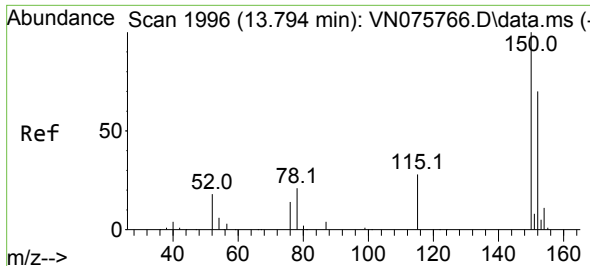
Ion Ratio Lower Upper

173 100

175 604.5 24.3 72.8#

254 0.0 0.0 0.0

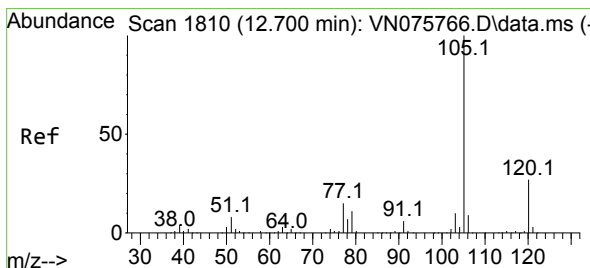
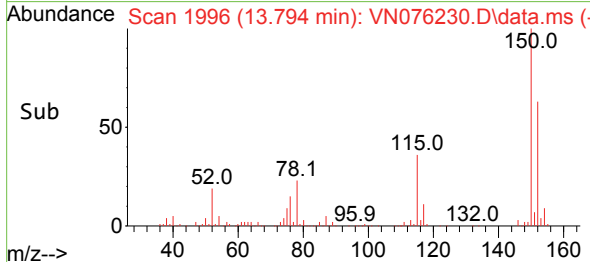
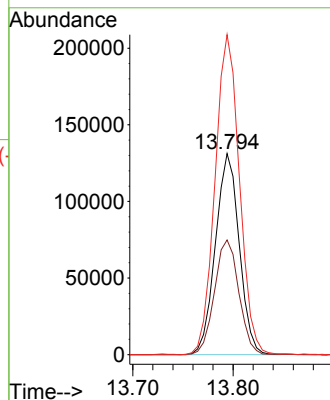
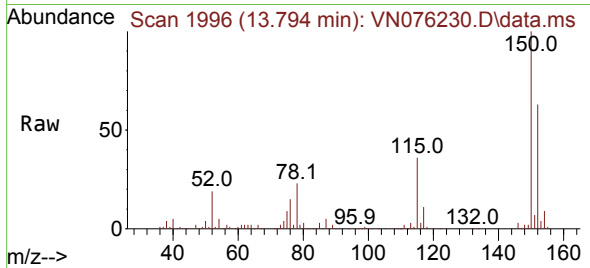




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076230.D
 Acq: 12 Jan 2023 15:03

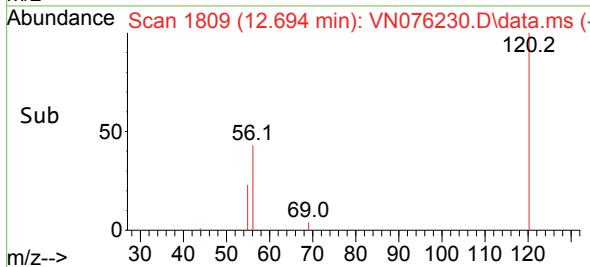
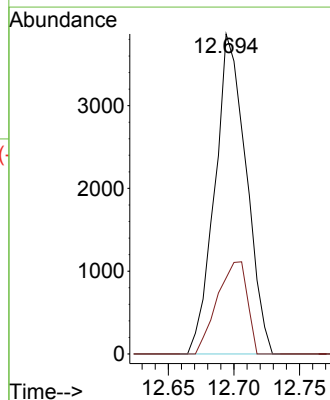
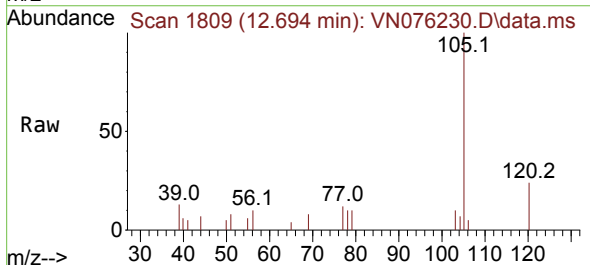
Instrument :
 MSVOA_N
 ClientSampleId :
 230111062-02-VOA

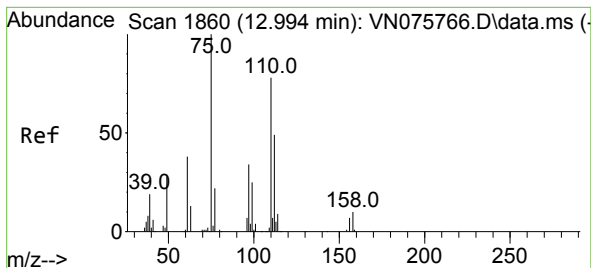
Tgt Ion:152 Resp: 216319
 Ion Ratio Lower Upper
 152 100
 115 58.6 29.1 87.4
 150 163.5 0.0 347.0



#73
 Isopropylbenzene
 Concen: 0.410 ug/l
 RT: 12.694 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: VN076230.D
 Acq: 12 Jan 2023 15:03

Tgt Ion:105 Resp: 6409
 Ion Ratio Lower Upper
 105 100
 120 27.6 13.4 40.2





#76

1,2,3-Trichloropropane

Concen: 25.495 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076230.D

Acq: 12 Jan 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

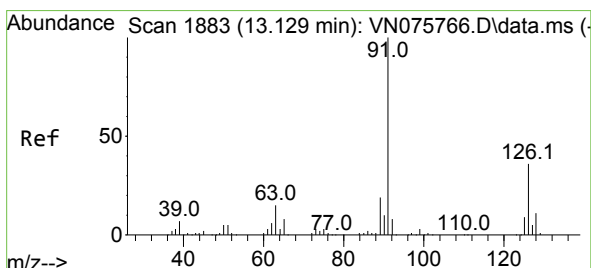
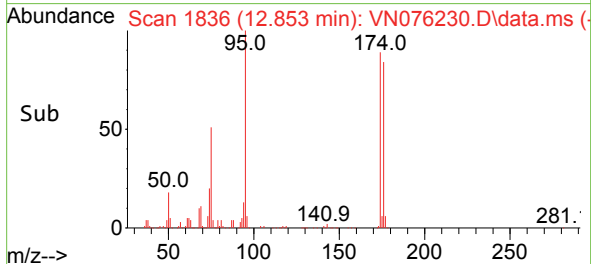
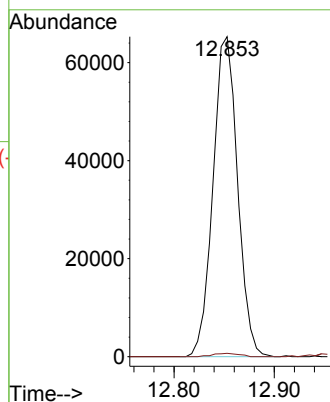
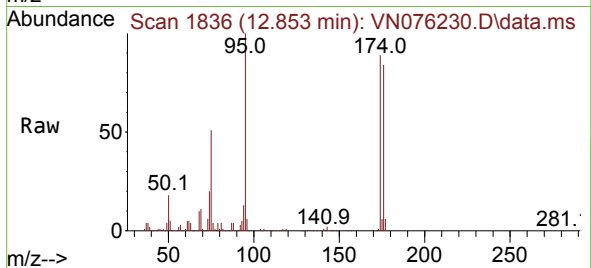
230111062-02-VOA

Tgt Ion: 75 Resp: 111172

Ion Ratio Lower Upper

75 100

77 1.1 82.6 247.8#



#79

2-Chlorotoluene

Concen: 0.577 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076230.D

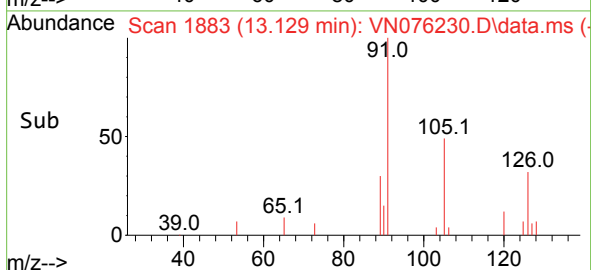
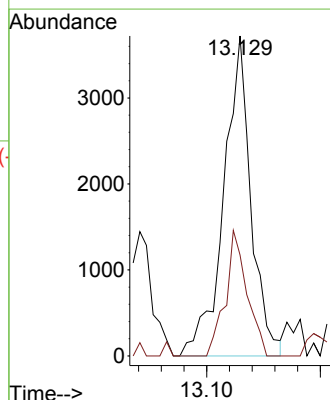
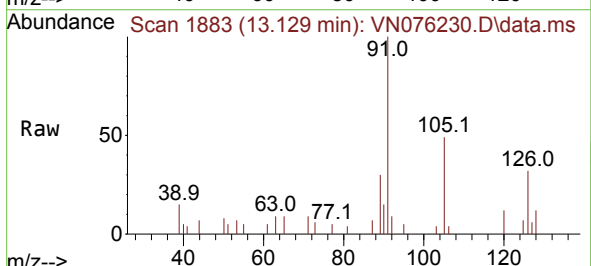
Acq: 12 Jan 2023 15:03

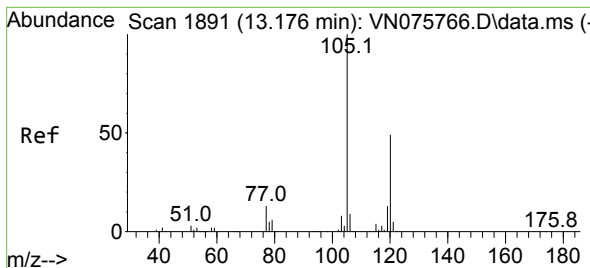
Tgt Ion: 91 Resp: 6209

Ion Ratio Lower Upper

91 100

126 30.9 17.5 52.5





#80

1,3,5-Trimethylbenzene

Concen: 0.325 ug/l

RT: 13.171 min Scan# 1890

Delta R.T. -0.006 min

Lab File: VN076230.D

Acq: 12 Jan 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

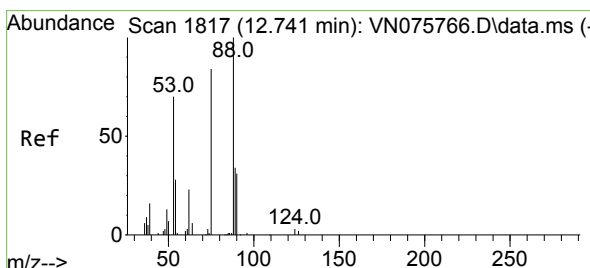
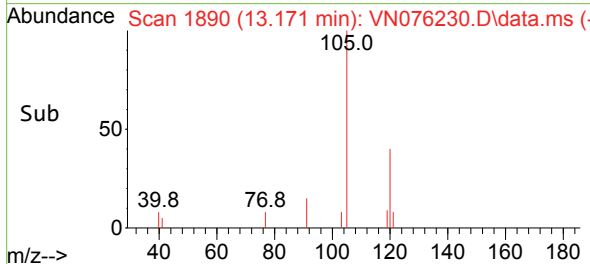
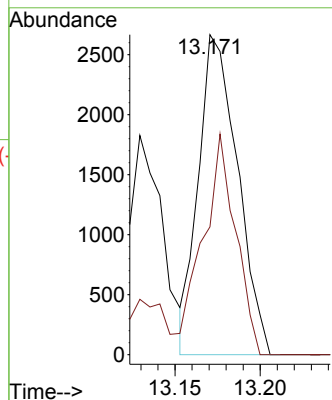
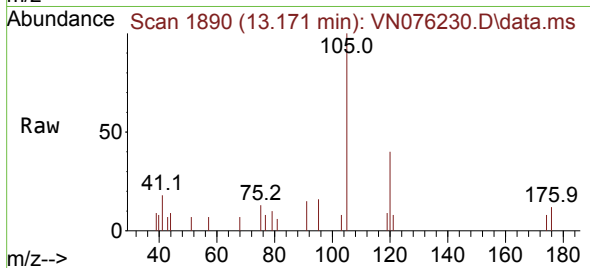
230111062-02-VOA

Tgt Ion:105 Resp: 4251

Ion Ratio Lower Upper

105 100

120 58.5 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 91.771 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076230.D

Acq: 12 Jan 2023 15:03

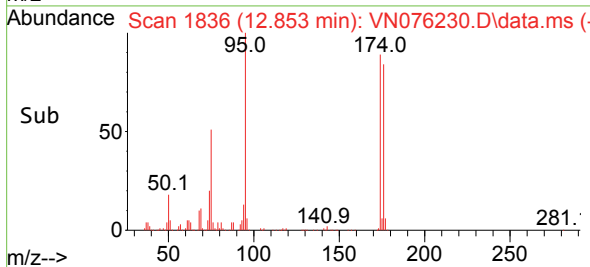
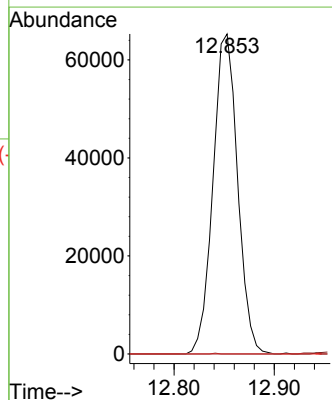
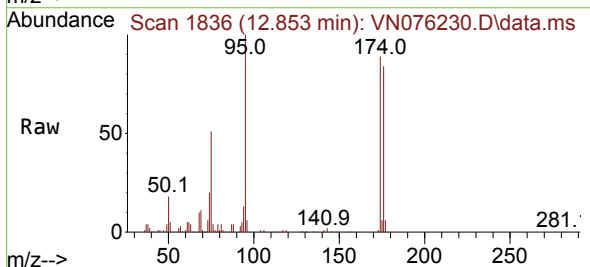
Tgt Ion: 75 Resp: 111172

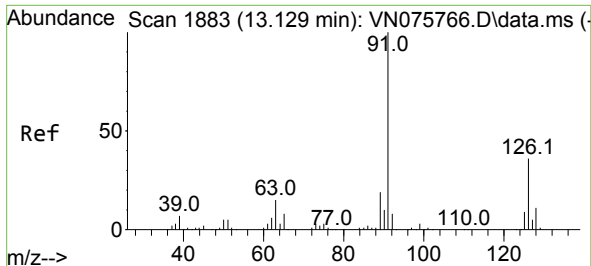
Ion Ratio Lower Upper

75 100

53 0.1 73.8 110.6#

89 0.0 39.5 59.3#

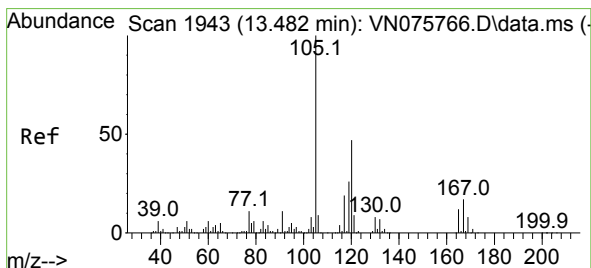
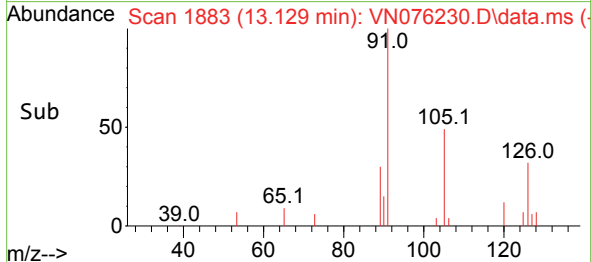
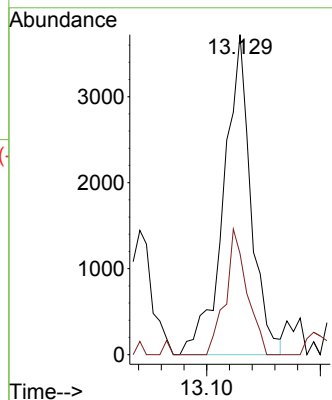
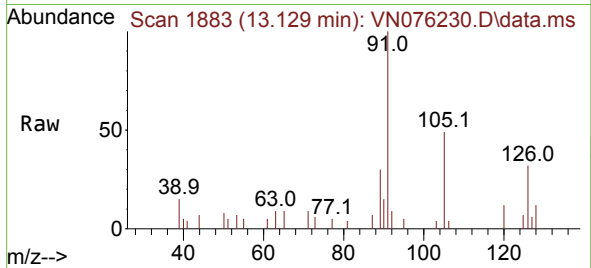




#82
4-Chlorotoluene
Concen: 0.577 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

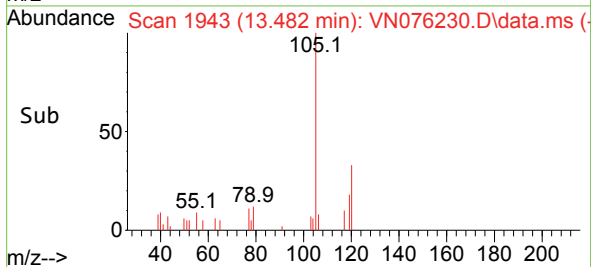
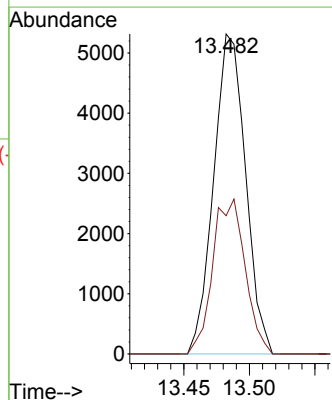
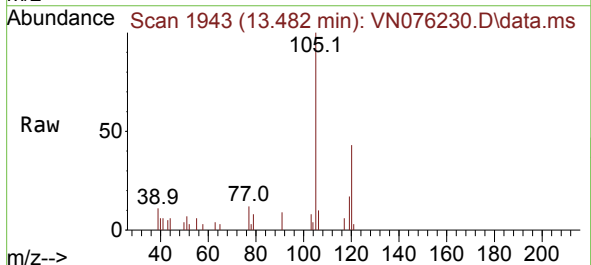
Instrument :
MSVOA_N
ClientSampleId :
230111062-02-VOA

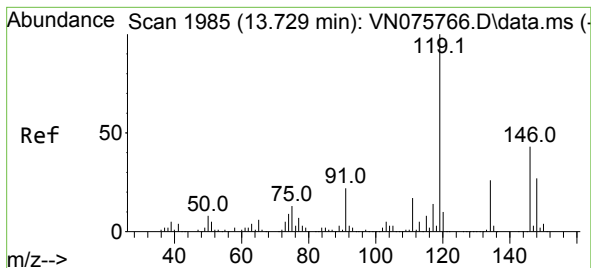
Tgt Ion: 91 Resp: 6209
Ion Ratio Lower Upper
91 100
126 30.9 17.5 52.5



#84
1,2,4-Trimethylbenzene
Concen: 0.692 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076230.D
Acq: 12 Jan 2023 15:03

Tgt Ion: 105 Resp: 8987
Ion Ratio Lower Upper
105 100
120 49.3 23.3 69.8





#86

p-Isopropyltoluene

Concen: 0.416 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. 0.000 min

Lab File: VN076230.D

Acq: 12 Jan 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

230111062-02-VOA

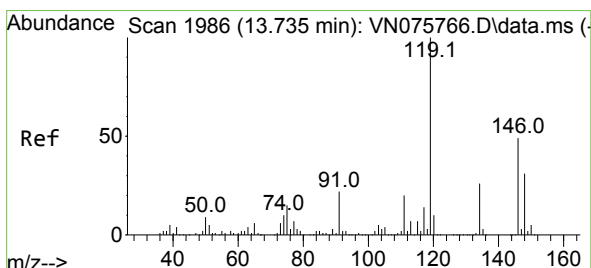
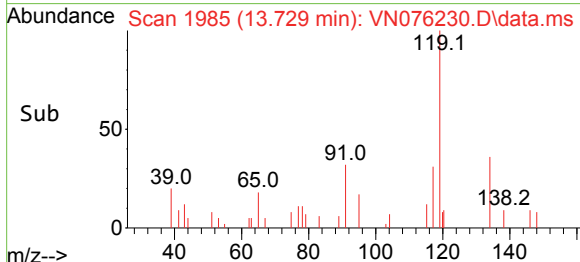
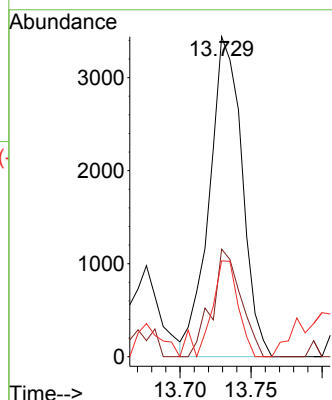
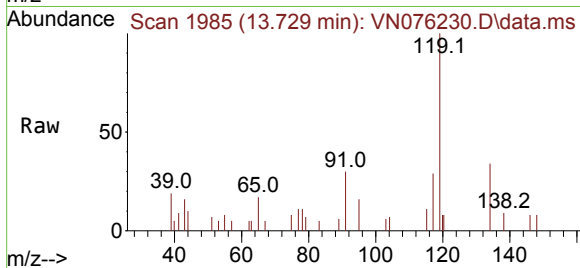
Tgt Ion:119 Resp: 5516

Ion Ratio Lower Upper

119 100

134 29.6 13.0 39.0

91 24.8 11.2 33.6



#87

1,3-Dichlorobenzene

Concen: 8.114 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.077 min

Lab File: VN076230.D

Acq: 12 Jan 2023 15:03

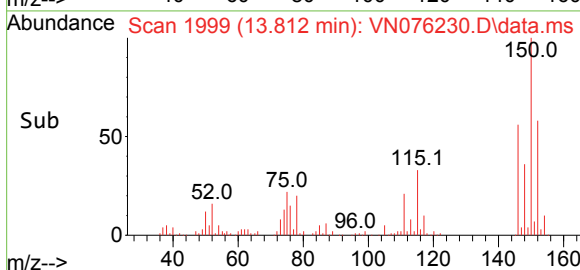
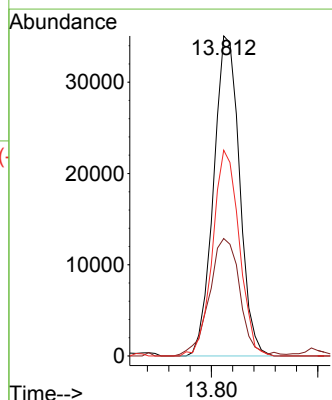
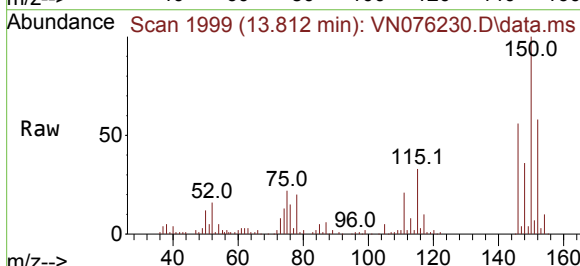
Tgt Ion:146 Resp: 59295

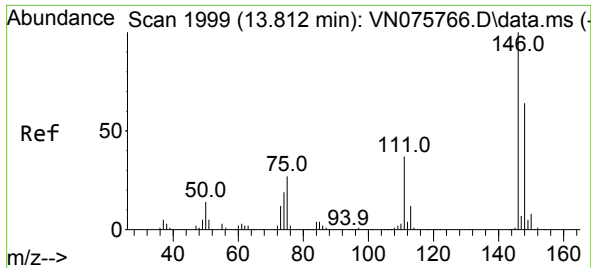
Ion Ratio Lower Upper

146 100

111 43.3 19.7 59.0

148 65.8 31.4 94.2

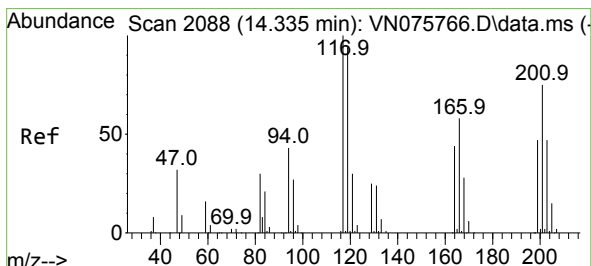
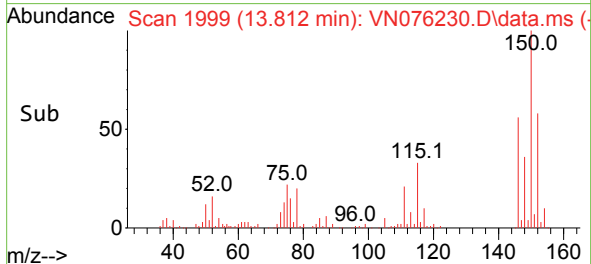
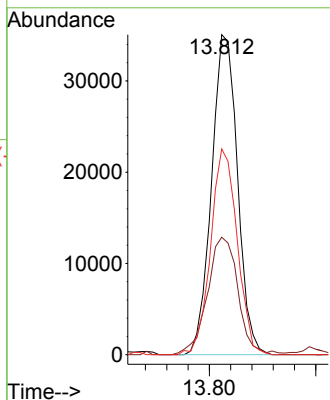
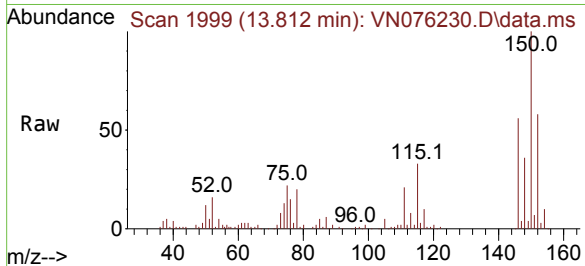




#88
 1,4-Dichlorobenzene
 Concen: 7.943 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN076230.D
 Acq: 12 Jan 2023 15:03

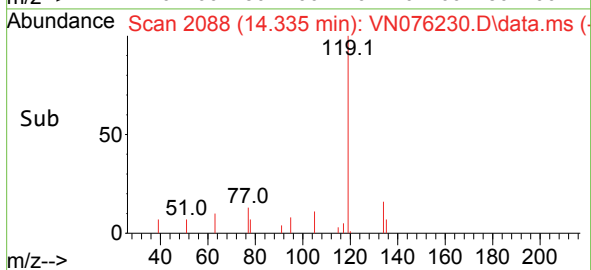
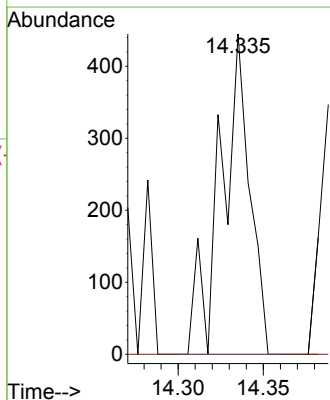
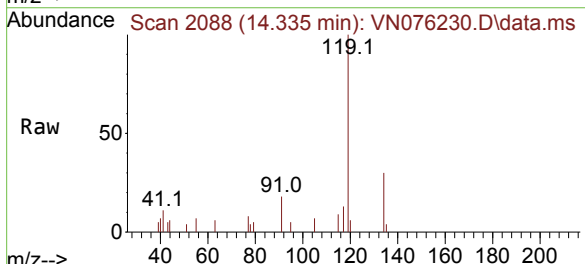
Instrument :
 MSVOA_N
 ClientSampleId :
 230111062-02-VOA

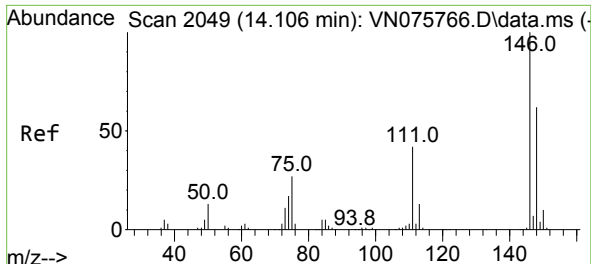
Tgt Ion:146 Resp: 59295
 Ion Ratio Lower Upper
 146 100
 111 43.3 19.1 57.1
 148 65.8 32.0 96.2



#90
 Hexachloroethane
 Concen: 0.224 ug/l
 RT: 14.335 min Scan# 2088
 Delta R.T. 0.000 min
 Lab File: VN076230.D
 Acq: 12 Jan 2023 15:03

Tgt Ion:117 Resp: 532
 Ion Ratio Lower Upper
 117 100
 201 0.0 38.0 114.1#





#91

1,2-Dichlorobenzene

Concen: 0.645 ug/l

RT: 14.112 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN076230.D

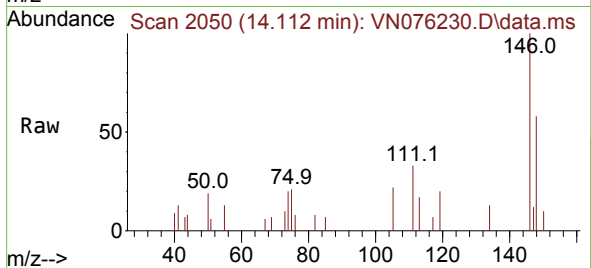
Acq: 12 Jan 2023 15:03

Instrument :

MSVOA_N

ClientSampleId :

230111062-02-VOA



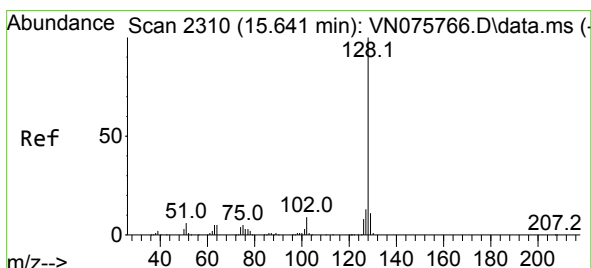
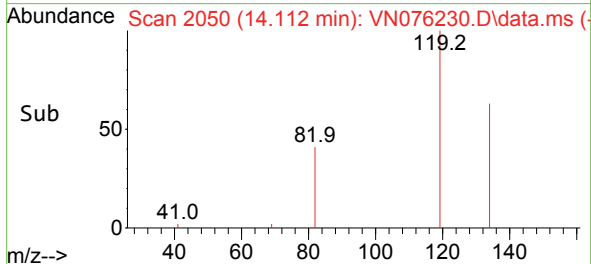
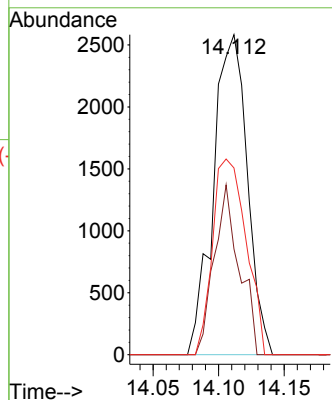
Tgt Ion:146 Resp: 4644

Ion Ratio Lower Upper

146 100

111 39.4 20.3 61.0

148 60.6 31.7 95.1



#95

Naphthalene

Concen: 2.345 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076230.D

Acq: 12 Jan 2023 15:03

Tgt Ion:128 Resp: 2061

Ion Ratio Lower Upper

128 100

127 6.7 10.4 15.6#

129 0.0 8.7 13.1#

