

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076551.D
 Acq On : 06 Feb 2023 19:00
 Operator : JC\MD
 Sample : 01454-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP-1

Quant Time: Feb 07 04:49:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 01:44:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	564931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	926527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	806837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	340664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	312007	46.384	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.760%
35) Dibromofluoromethane	8.171	113	274707	47.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.820%
50) Toluene-d8	10.571	98	1069143	49.079	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.853	95	365188	48.368	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	319	Below Cal	#	42
5) Bromomethane	2.989	94	748	0.206	ug/l	95
11) Tert butyl alcohol	5.530	59	204	0.223	ug/l #	73
15) Acrylonitrile	5.759	53	923	0.347	ug/l #	66
16) Acetone	4.459	43	11341	Below Cal		96
17) Carbon Disulfide	4.724	76	5369	0.369	ug/l #	75
25) 2-Butanone	7.500	43	3896	1.172	ug/l	99
30) Chloroform	7.965	83	3079	0.265	ug/l	85
31) Cyclohexane	8.271	56	27227	2.589	ug/l	94
36) 1,1-Dichloropropene	8.224	75	40731	4.972	ug/l #	49
38) Carbon Tetrachloride	8.236	117	56781	6.361	ug/l #	16
39) Methylcyclohexane	9.606	83	52903	5.323	ug/l	91
40) Benzene	8.612	78	8275	0.332	ug/l	97
51) 4-Methyl-2-Pentanone	10.453	43	2084	0.327	ug/l	87
52) Toluene	10.630	92	4728	0.297	ug/l	99
55) 1,1,2-Trichloroethane	11.006	97	8620	1.383	ug/l #	19
59) 2-Hexanone	11.200	43	3760	0.813	ug/l	91
67) Ethyl Benzene	11.971	91	10299	0.351	ug/l	93
68) m/p-Xylenes	12.071	106	9557	0.839	ug/l	96
69) o-Xylene	12.400	106	6406	0.572	ug/l	91
73) Isopropylbenzene	12.694	105	7123	0.262	ug/l	96
74) N-amyl acetate	12.494	43	2436	0.308	ug/l #	70
76) 1,2,3-Trichloropropane	12.853	75	175735	25.291	ug/l #	1
77) Bromobenzene	12.988	156	1594	0.249	ug/l	83
78) n-propylbenzene	13.041	91	9676	0.320	ug/l	98
79) 2-Chlorotoluene	13.129	91	5633	0.294	ug/l	77
80) 1,3,5-Trimethylbenzene	13.171	105	15057	0.654	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	175735	84.220	ug/l #	13
82) 4-Chlorotoluene	13.129	91	5633	0.294	ug/l	77
83) tert-Butylbenzene	13.441	119	14633	0.715	ug/l	91
84) 1,2,4-Trimethylbenzene	13.482	105	40309	1.765	ug/l	94
85) sec-Butylbenzene	13.618	105	13302	0.482	ug/l #	38
86) p-Isopropyltoluene	13.729	119	9608	0.428	ug/l	90
87) 1,3-Dichlorobenzene	13.729	146	4262	0.360	ug/l #	83
88) 1,4-Dichlorobenzene	13.818	146	5395	0.452	ug/l #	34
89) n-Butylbenzene	14.059	91	8412	0.472	ug/l #	76

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Quant Title : SW846 8260
QLast Update : Tue Feb 07 01:44:01 2023
Response via : Initial Calibration

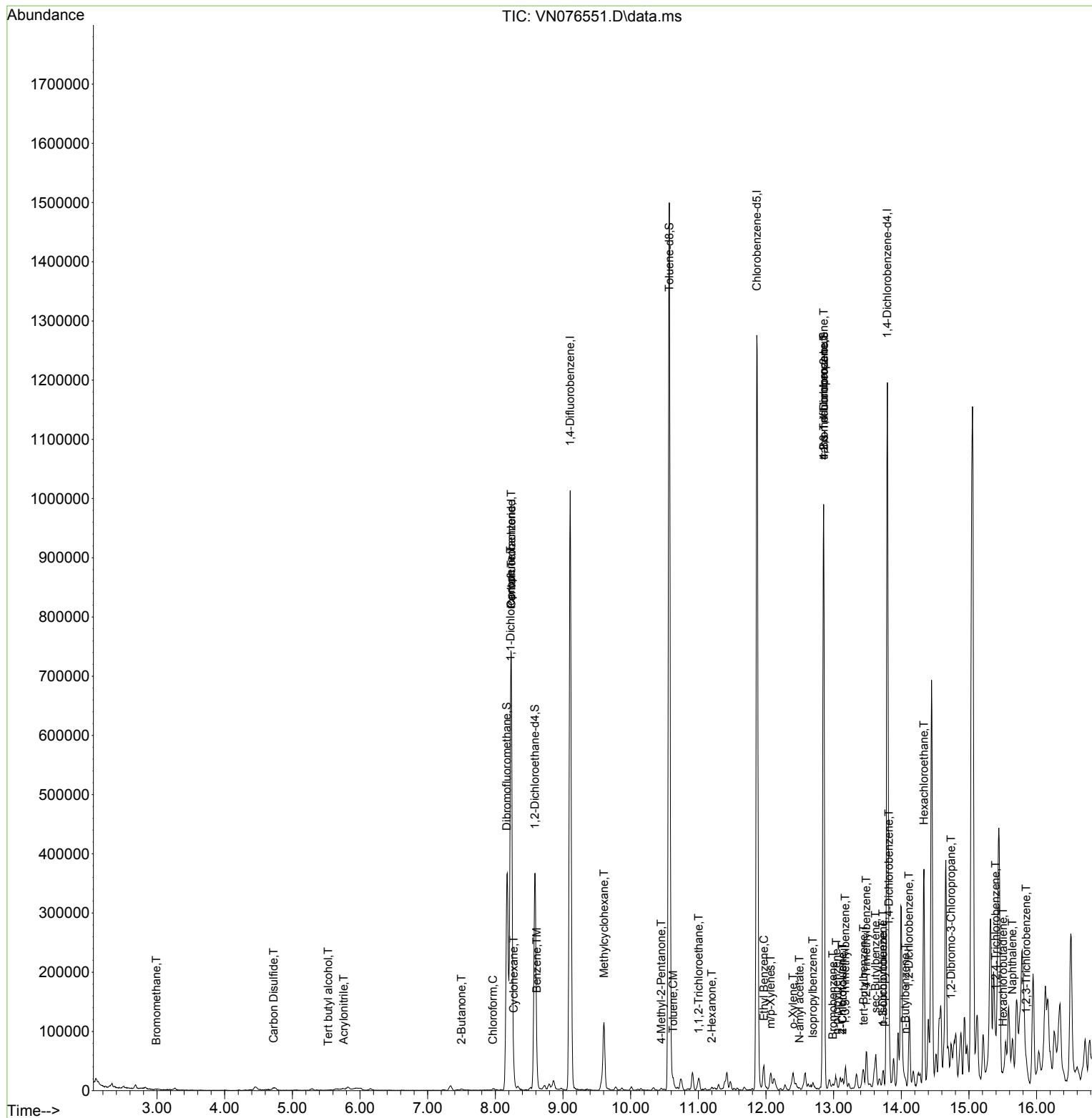
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.335	117	18989	4.950	ug/l #	13
91) 1,2-Dichlorobenzene	14.112	146	3960	0.341	ug/l	81
92) 1,2-Dibromo-3-Chloropr...	14.735	75	1369	1.009	ug/l #	21
93) 1,2,4-Trichlorobenzene	15.394	180	5972	1.167	ug/l #	1
94) Hexachlorobutadiene	15.506	225	728	0.248	ug/l	82
95) Naphthalene	15.641	128	64793	4.298	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	6670	1.356	ug/l #	78

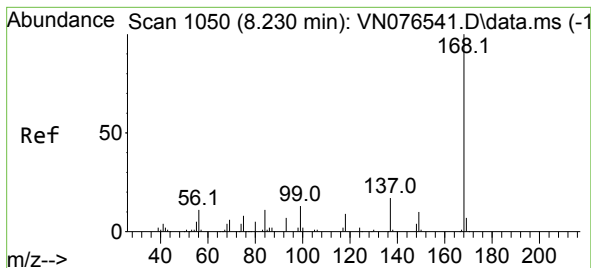
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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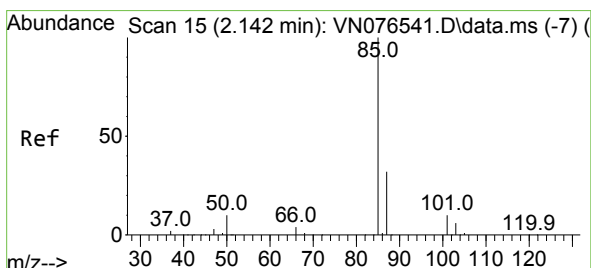
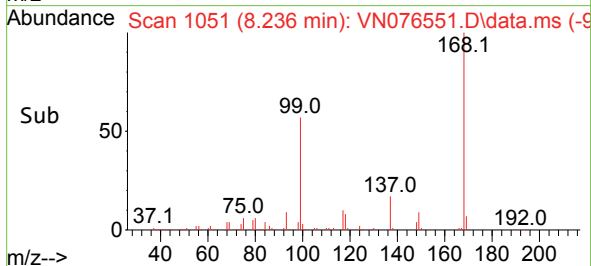
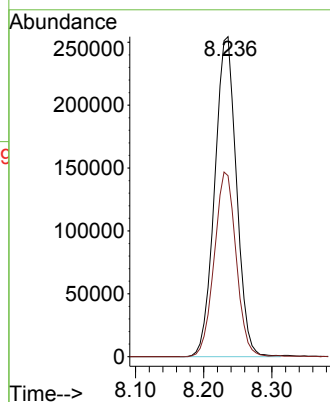
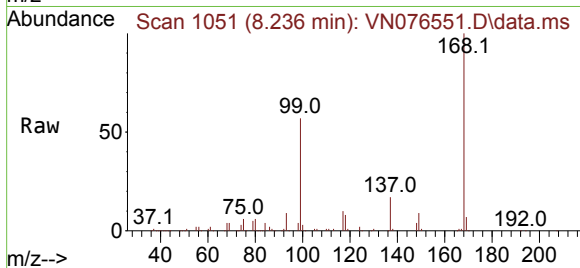




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN076551.D
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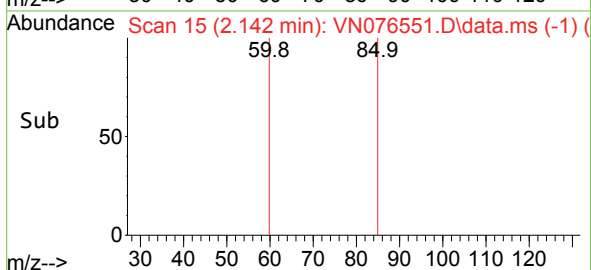
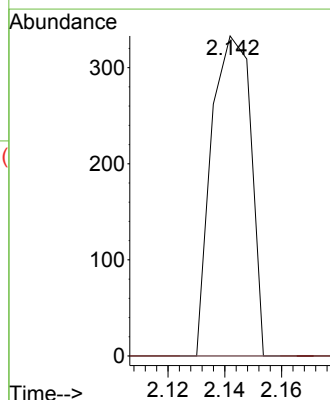
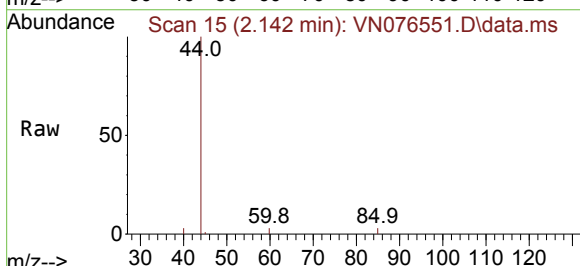
Instrument :
MSVOA_N
ClientSampleId :
WP-1

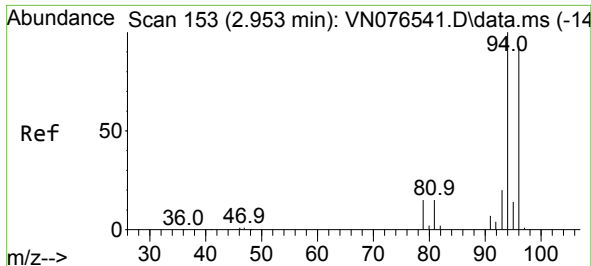
Tgt Ion:168 Resp: 564931
Ion Ratio Lower Upper
168 100
99 56.6 47.1 70.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 85 Resp: 319
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

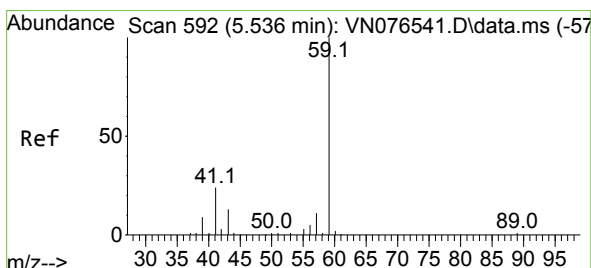
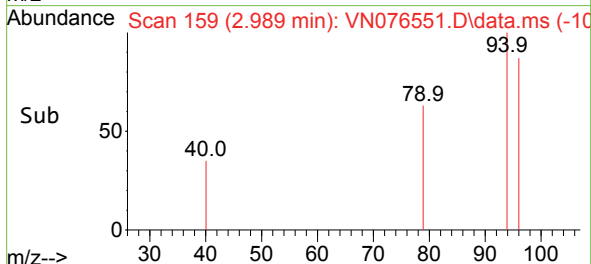
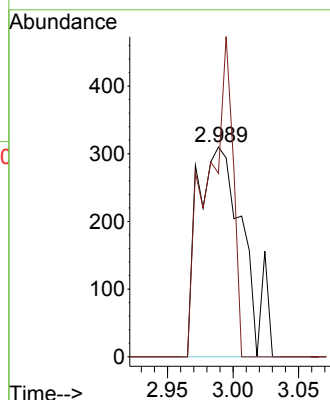
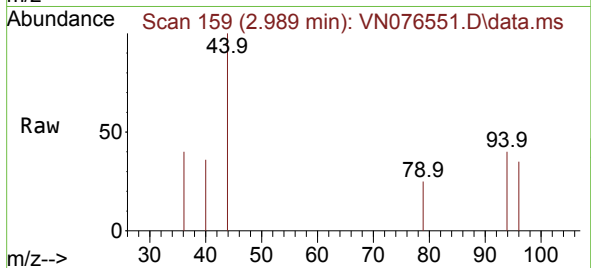




#5
Bromomethane
Concen: 0.206 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

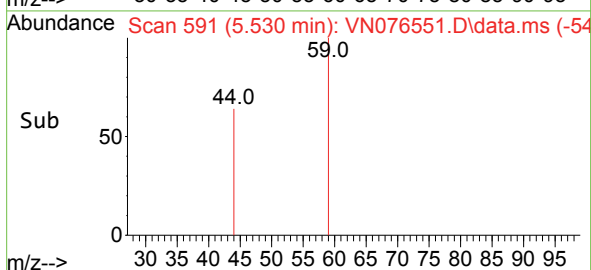
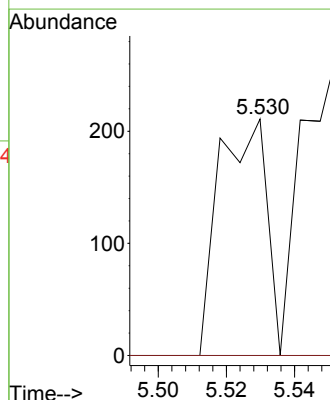
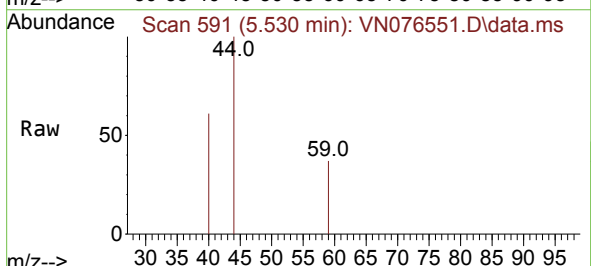
Instrument :
MSVOA_N
ClientSampleId :
WP-1

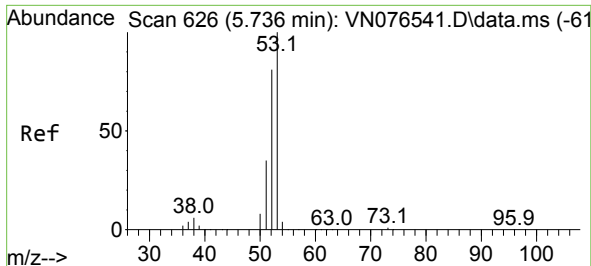
Tgt Ion: 94 Resp: 748
Ion Ratio Lower Upper
94 100
96 87.4 74.1 111.1



#11
Tert butyl alcohol
Concen: 0.223 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 59 Resp: 204
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

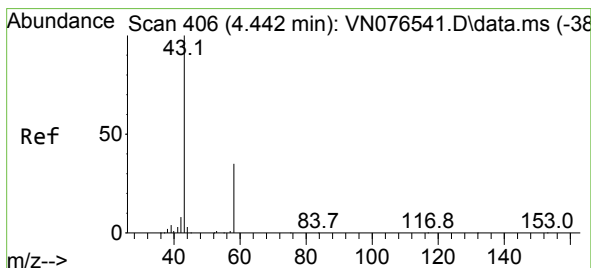
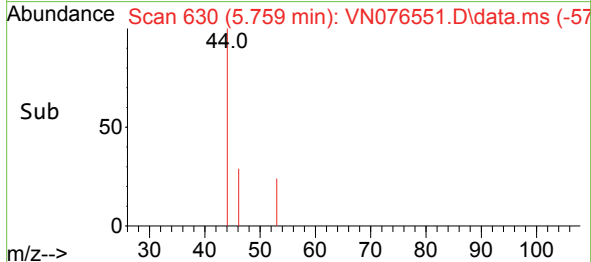
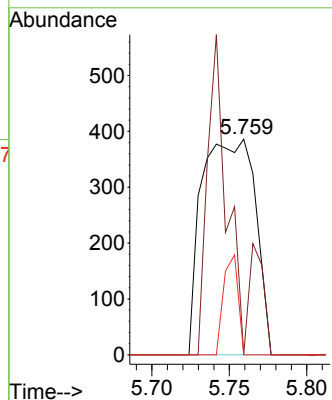
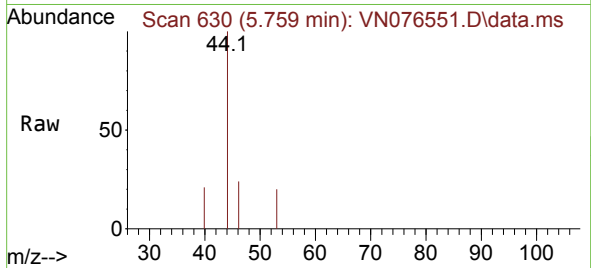




#15
Acrylonitrile
Concen: 0.347 ug/l
RT: 5.759 min Scan# 61
Delta R.T. 0.023 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

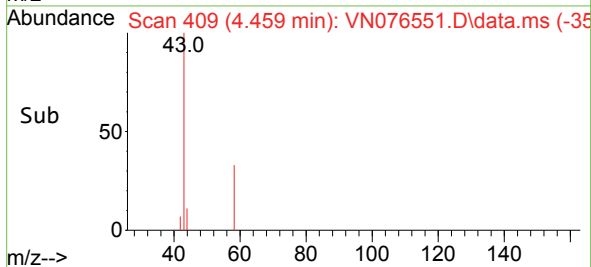
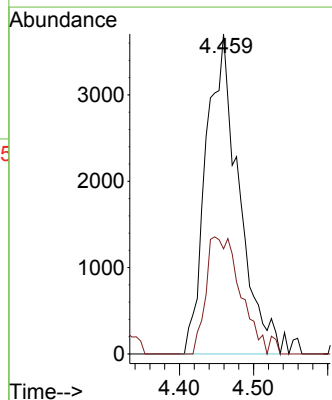
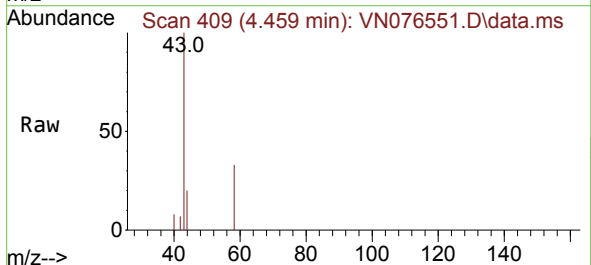
Instrument :
MSVOA_N
ClientSampleId :
WP-1

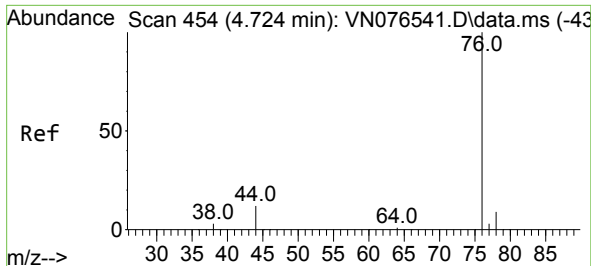
Tgt Ion: 53 Resp: 923
Ion Ratio Lower Upper
53 100
52 53.6 65.0 97.4#
51 12.6 28.7 43.1#



#16
Acetone
Concen: Below Cal
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 43 Resp: 11341
Ion Ratio Lower Upper
43 100
58 32.8 28.3 42.5

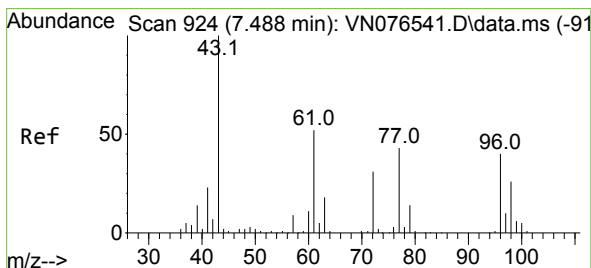
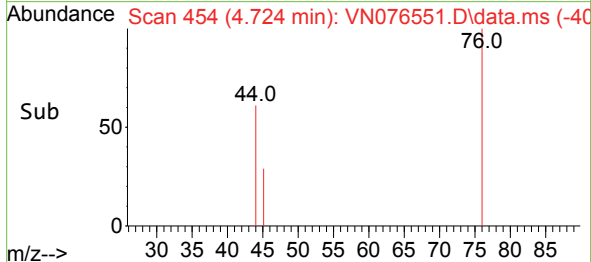
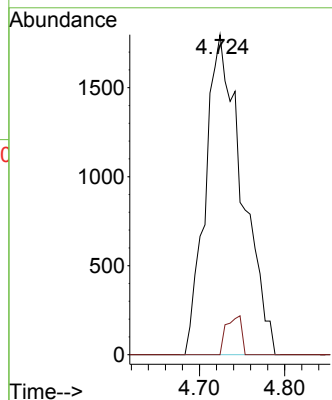
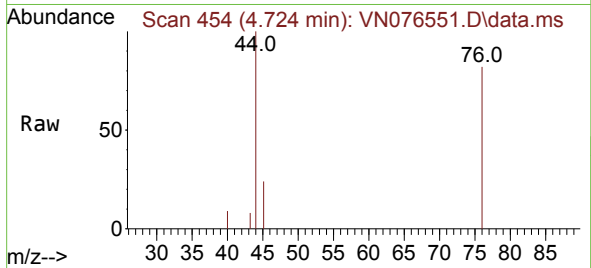




#17
Carbon Disulfide
Concen: 0.369 ug/l
RT: 4.724 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

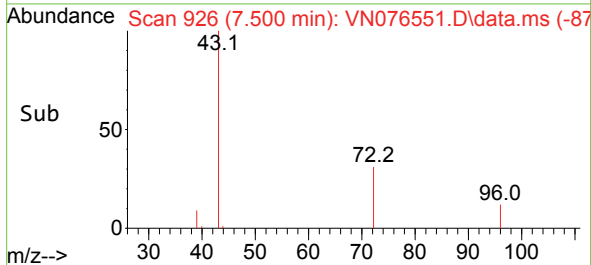
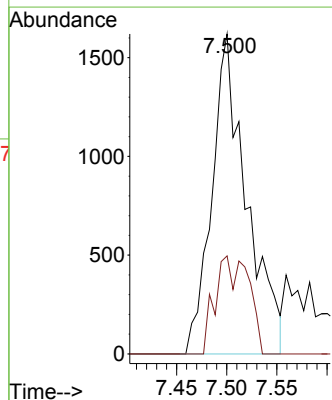
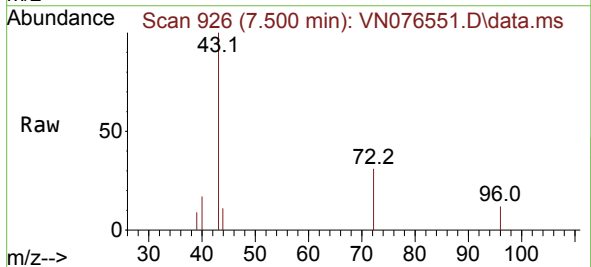
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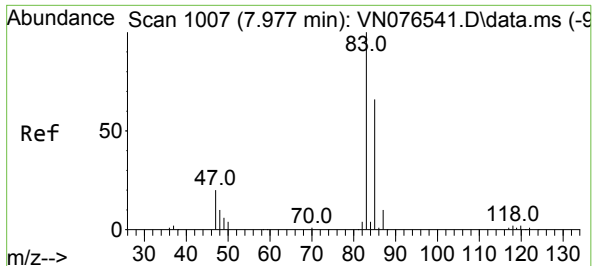
Tgt Ion: 76 Resp: 5369
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#25
2-Butanone
Concen: 1.172 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 43 Resp: 3896
Ion Ratio Lower Upper
43 100
72 30.6 24.8 37.2

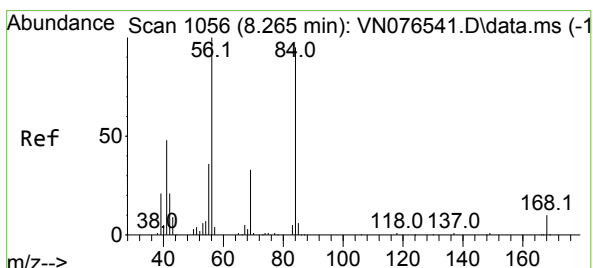
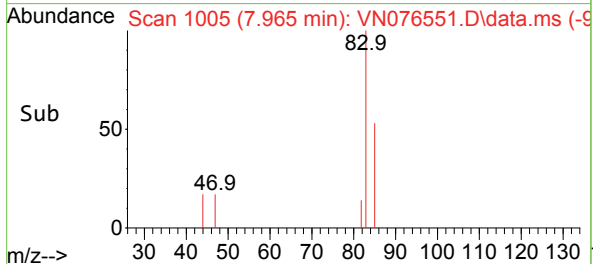
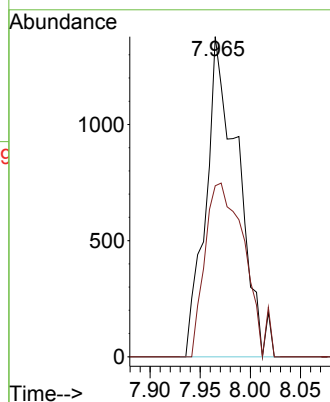
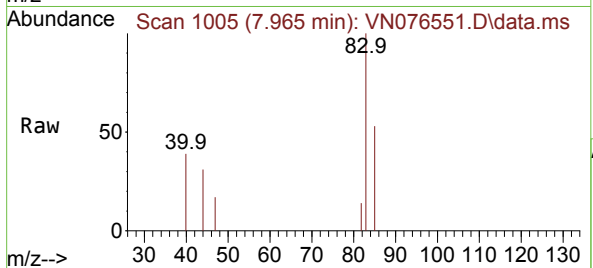




#30
Chloroform
Concen: 0.265 ug/l
RT: 7.965 min Scan# 1005
Delta R.T. -0.012 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

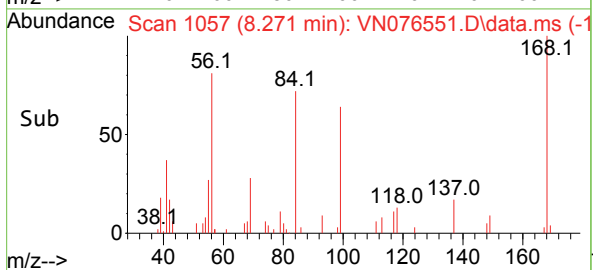
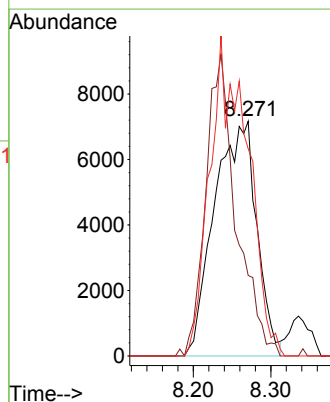
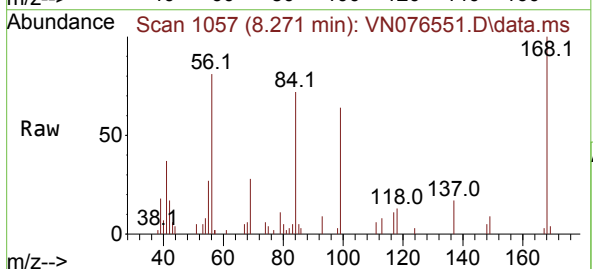
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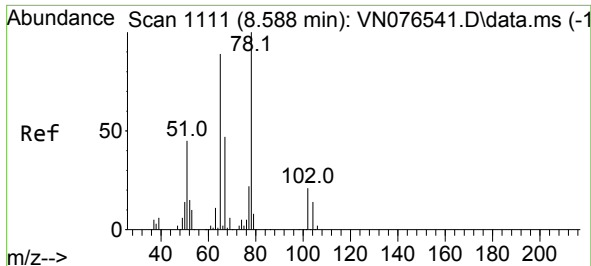
Tgt Ion: 83 Resp: 3079
Ion Ratio Lower Upper
83 100
85 53.4 52.5 78.7



#31
Cyclohexane
Concen: 2.589 ug/l
RT: 8.271 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 56 Resp: 27227
Ion Ratio Lower Upper
56 100
69 34.3 26.5 39.7
84 88.3 76.2 114.4





#33

1,2-Dichloroethane-d4

Concen: 46.384 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN076551.D

Acq: 06 Feb 2023 19:00

Instrument :

MSVOA_N

ClientSampleId :

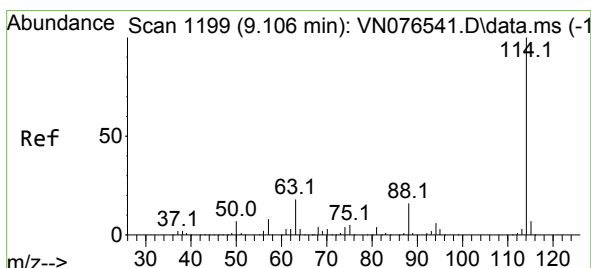
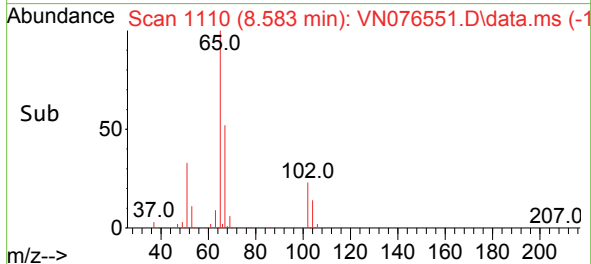
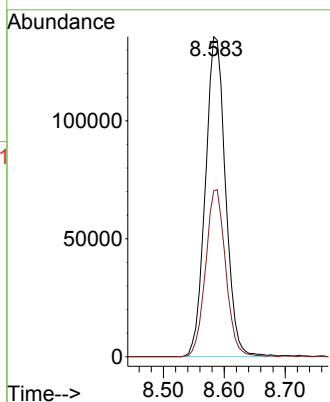
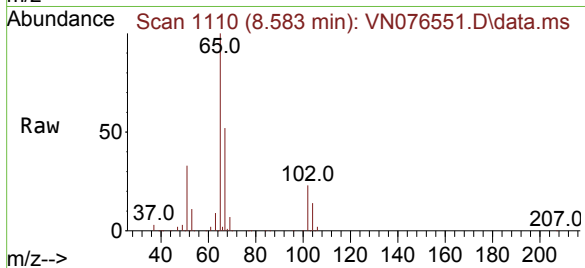
WP-1

Tgt Ion: 65 Resp: 312007

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076551.D

Acq: 06 Feb 2023 19:00

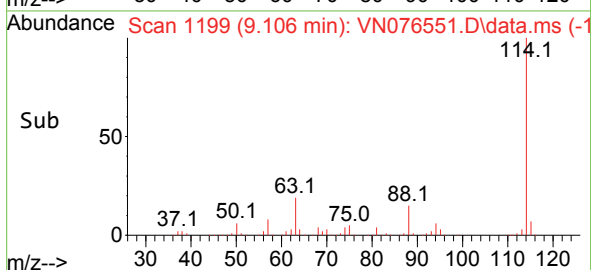
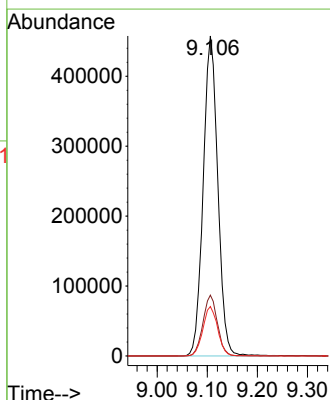
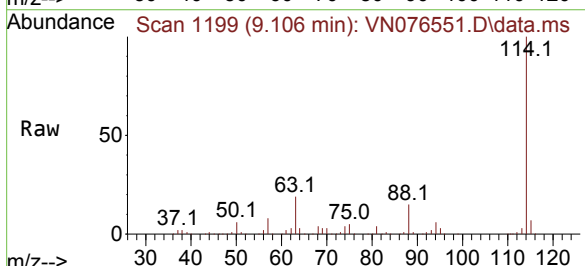
Tgt Ion: 114 Resp: 926527

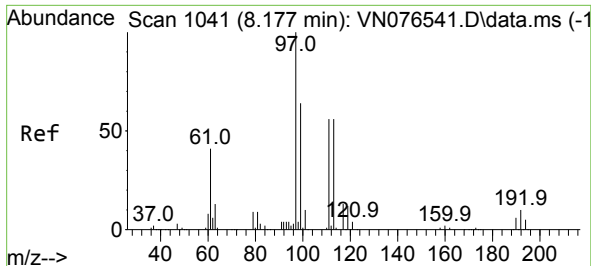
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

88 15.5 0.0 31.4

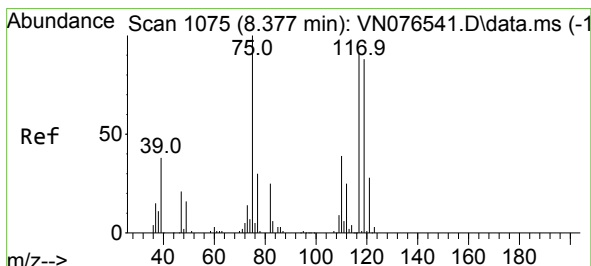
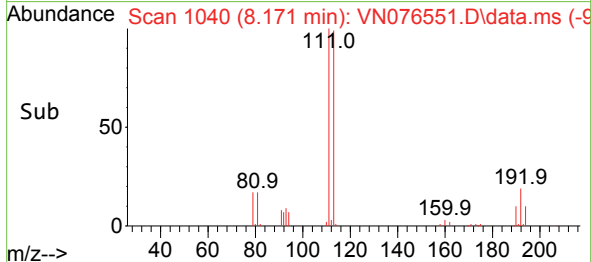
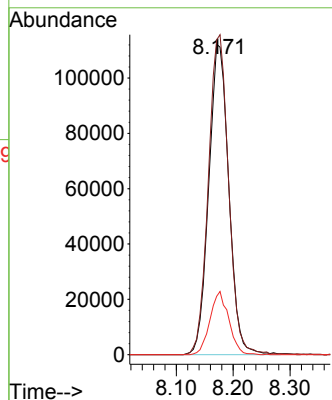
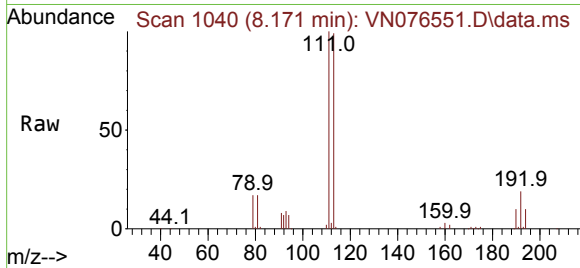




#35
Dibromofluoromethane
Concen: 47.911 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

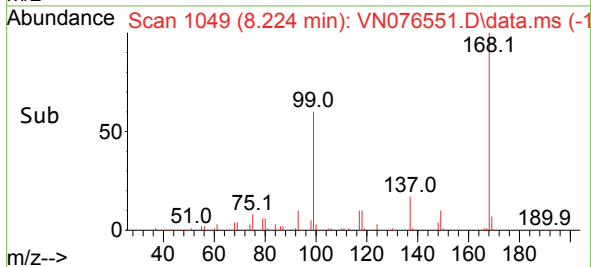
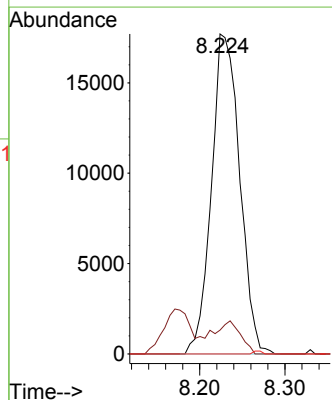
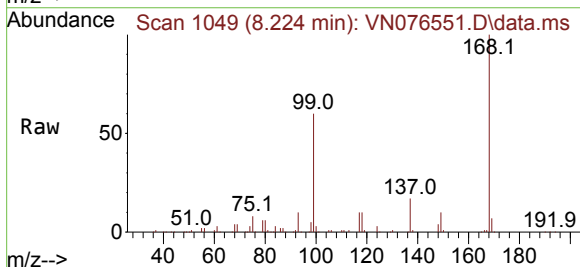
Instrument :
MSVOA_N
ClientSampleId :
WP-1

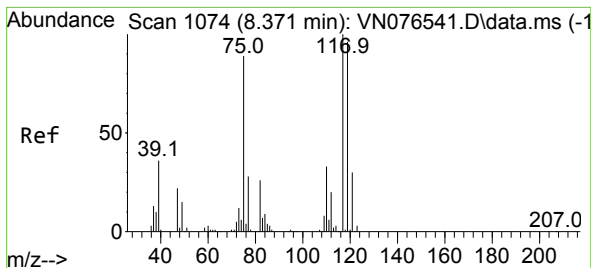
Tgt Ion:113 Resp: 274707
Ion Ratio Lower Upper
113 100
111 104.1 81.5 122.3
192 19.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.972 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 75 Resp: 40731
Ion Ratio Lower Upper
75 100
110 9.4 18.6 55.6#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.361 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.135 min

Lab File: VN076551.D

Acq: 06 Feb 2023 19:00

Instrument :

MSVOA_N

ClientSampleId :

WP-1

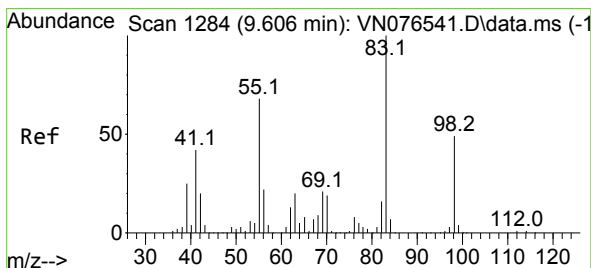
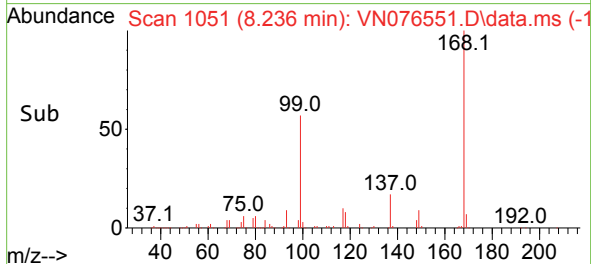
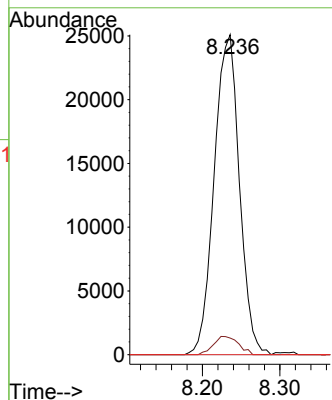
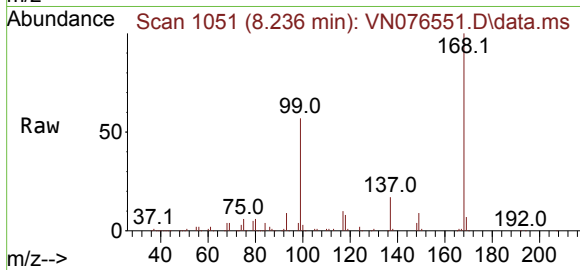
Tgt Ion:117 Resp: 56781

Ion Ratio Lower Upper

117 100

119 5.2 76.5 114.7#

121 0.0 24.2 36.4#



#39

Methylcyclohexane

Concen: 5.323 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VN076551.D

Acq: 06 Feb 2023 19:00

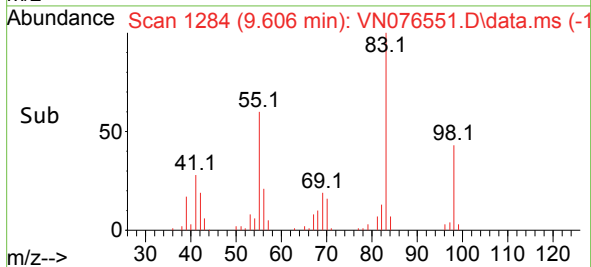
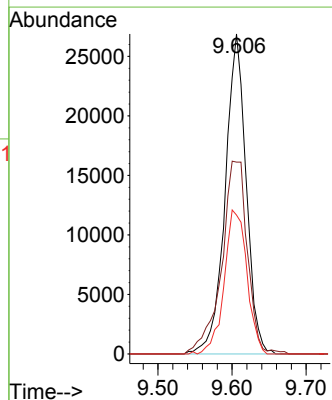
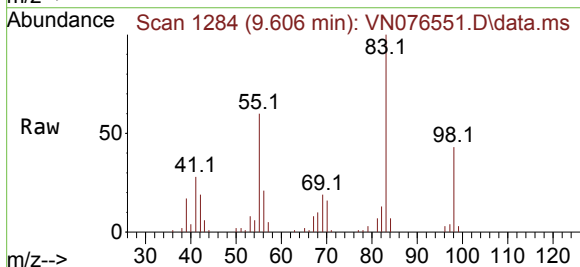
Tgt Ion: 83 Resp: 52903

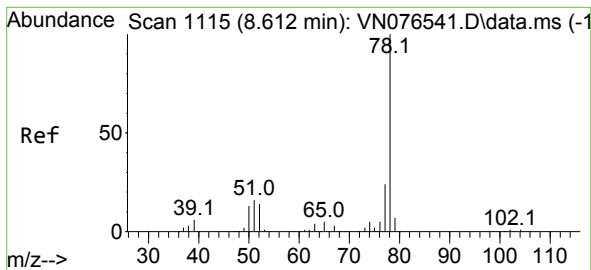
Ion Ratio Lower Upper

83 100

55 59.9 54.1 81.1

98 43.4 39.5 59.3





#40

Benzene

Concen: 0.332 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076551.D

Acq: 06 Feb 2023 19:00

Instrument :

MSVOA_N

ClientSampleId :

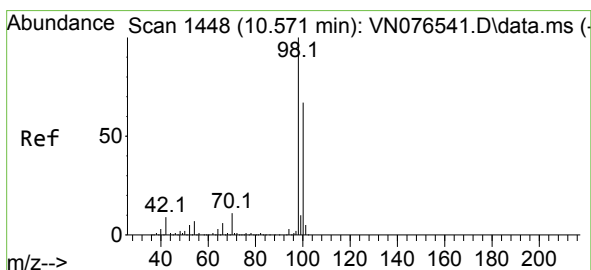
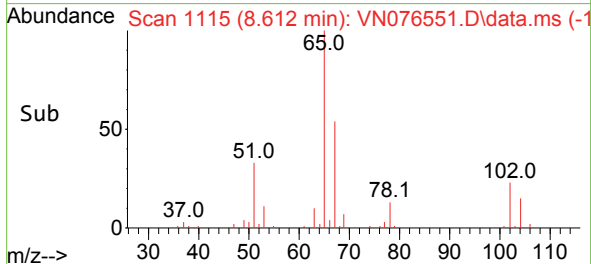
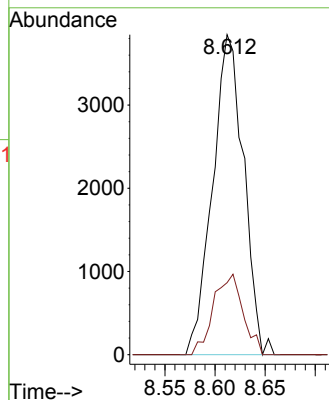
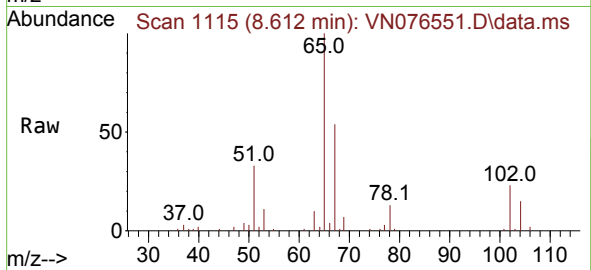
WP-1

Tgt Ion: 78 Resp: 8275

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.6



#50

Toluene-d8

Concen: 49.079 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076551.D

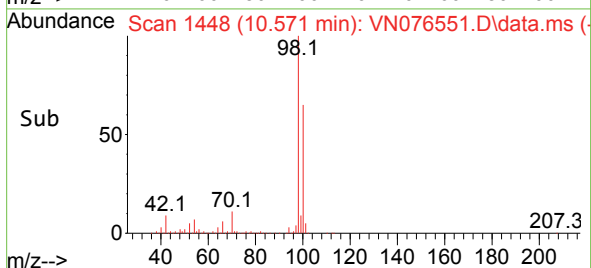
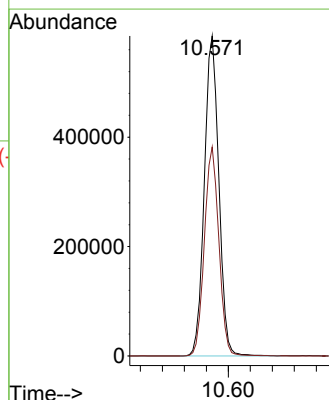
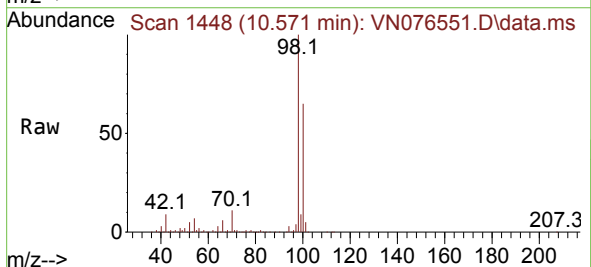
Acq: 06 Feb 2023 19:00

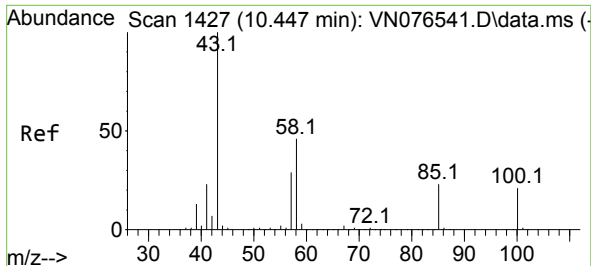
Tgt Ion: 98 Resp: 1069143

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.327 ug/l

RT: 10.453 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VN076551.D

Acq: 06 Feb 2023 19:00

Instrument :

MSVOA_N

ClientSampleId :

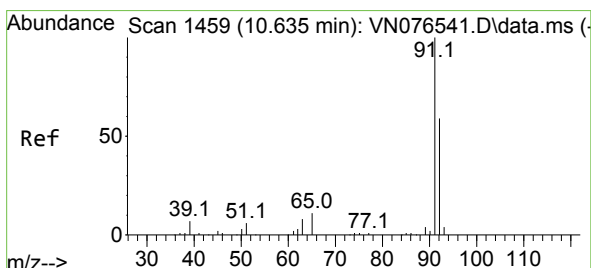
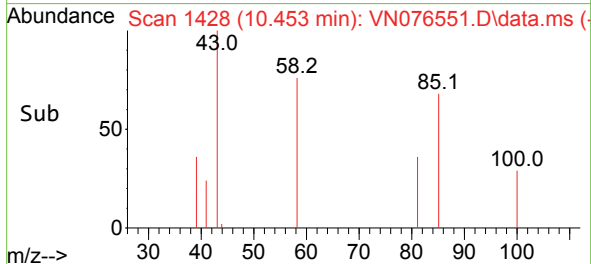
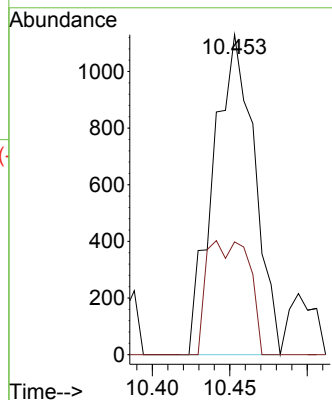
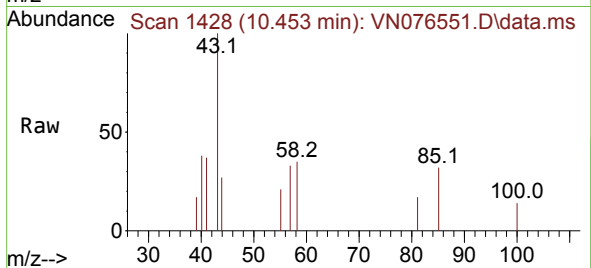
WP-1

Tgt Ion: 43 Resp: 2084

Ion Ratio Lower Upper

43 100

58 36.9 36.4 54.6



#52

Toluene

Concen: 0.297 ug/l

RT: 10.630 min Scan# 1458

Delta R.T. -0.006 min

Lab File: VN076551.D

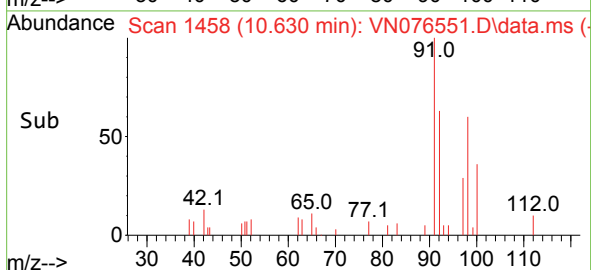
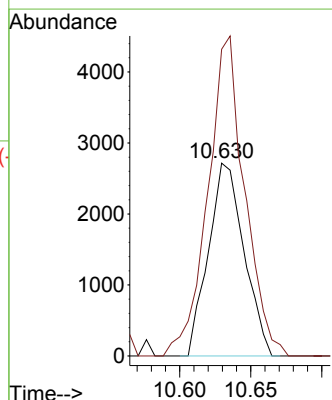
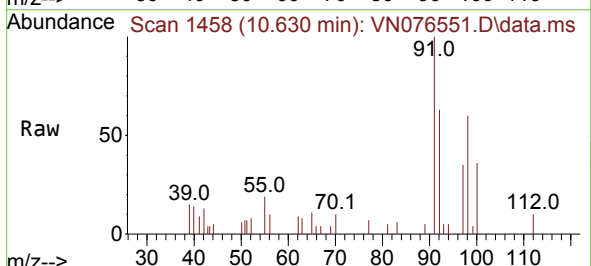
Acq: 06 Feb 2023 19:00

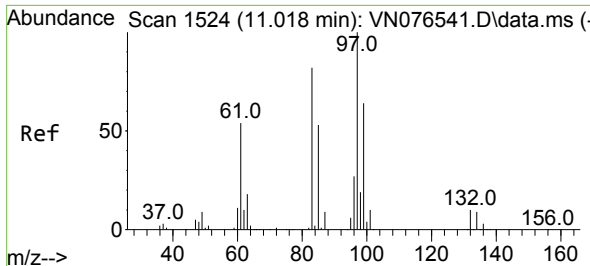
Tgt Ion: 92 Resp: 4728

Ion Ratio Lower Upper

92 100

91 171.8 136.8 205.2

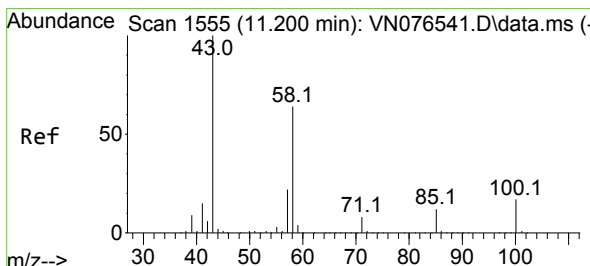
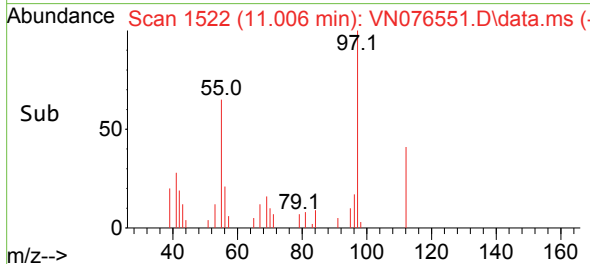
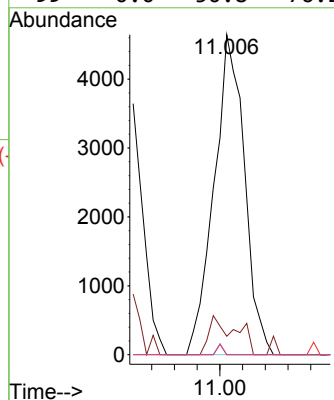
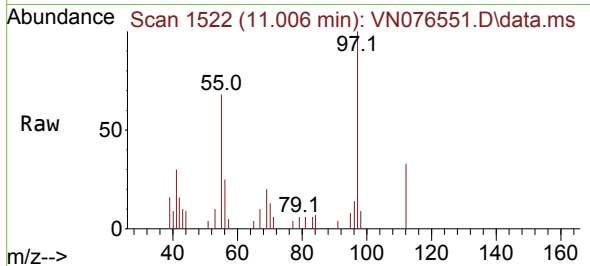




#55
1,1,2-Trichloroethane
Concen: 1.383 ug/l
RT: 11.006 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

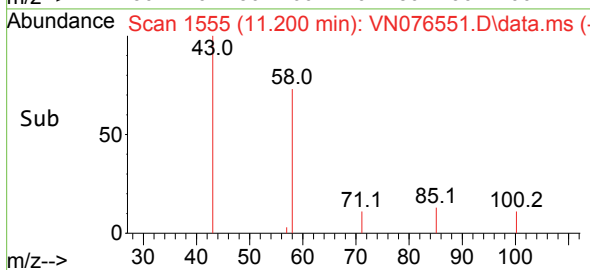
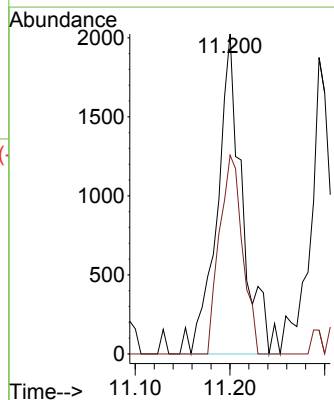
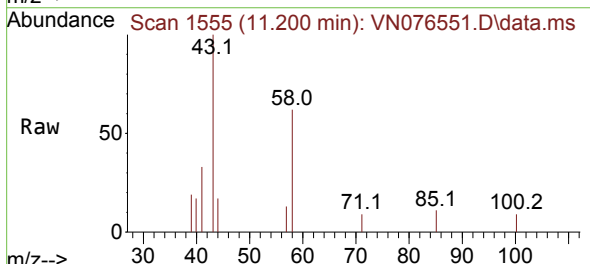
Instrument :
MSVOA_N
ClientSampleId :
WP-1

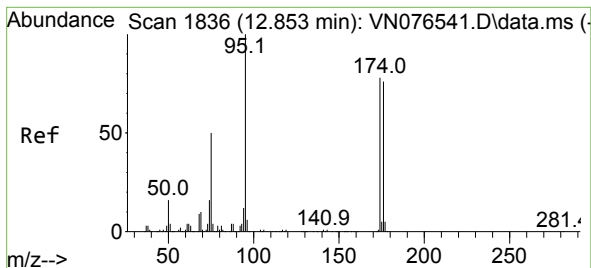
Tgt Ion: 97	Resp: 8620
Ion Ratio	Lower Upper
97 100	
83 5.8	65.8 98.6#
85 0.0	42.3 63.5#
99 0.0	50.8 76.2#



#59
2-Hexanone
Concen: 0.813 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 43	Resp: 3760		
Ion Ratio	Lower	Upper	
43 100			
58 56.7	31.9	95.7	

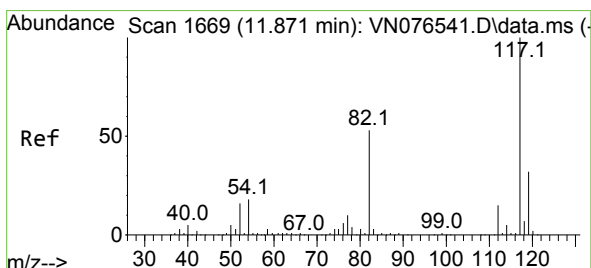
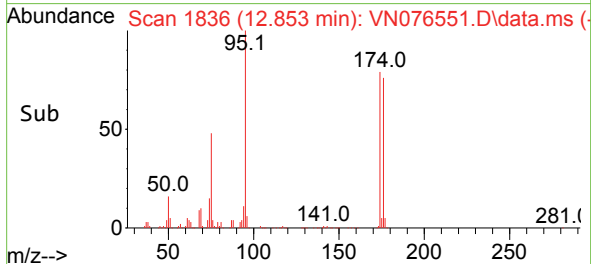
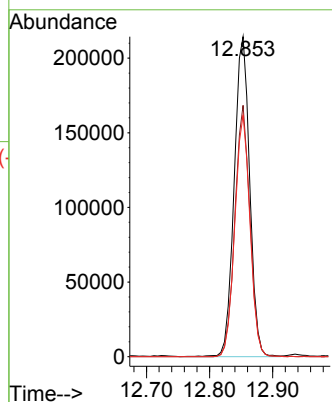
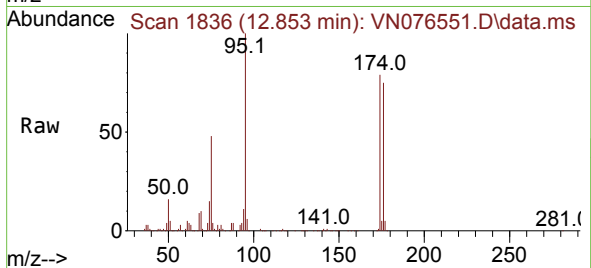




#62
4-Bromofluorobenzene
Concen: 48.368 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

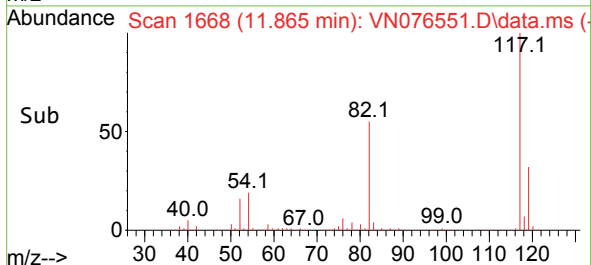
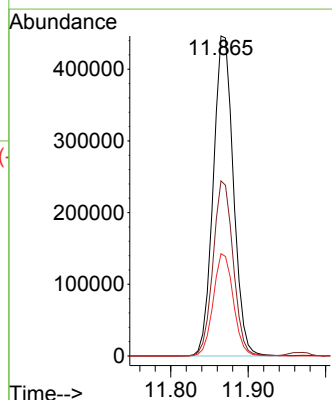
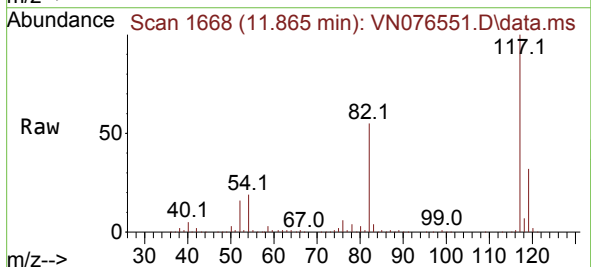
Instrument :
MSVOA_N
ClientSampleId :
WP-1

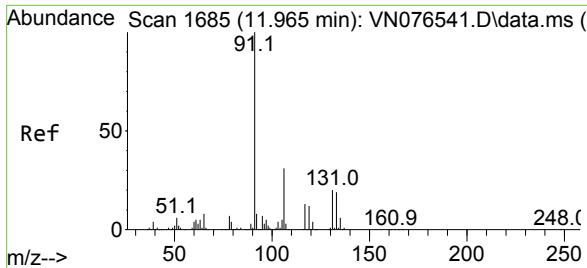
Tgt Ion: 95 Resp: 365188
Ion Ratio Lower Upper
95 100
174 76.5 0.0 153.4
176 73.8 0.0 149.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 117 Resp: 806837
Ion Ratio Lower Upper
117 100
82 54.7 42.4 63.6
119 31.9 25.8 38.8

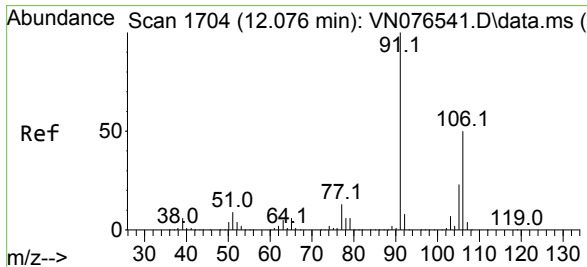
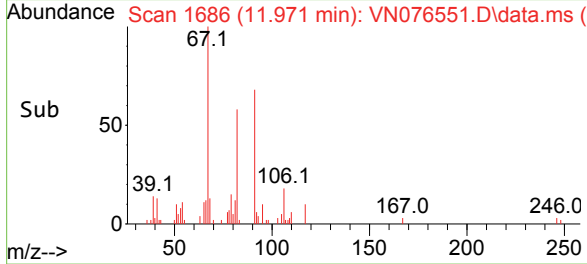
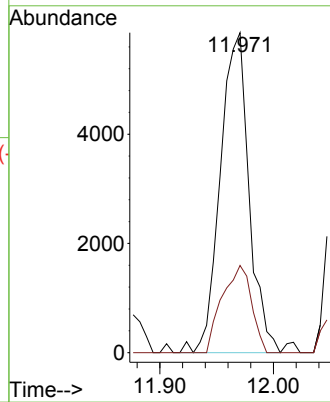
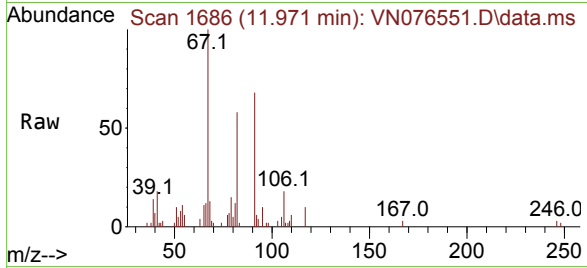




#67
Ethyl Benzene
Concen: 0.351 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

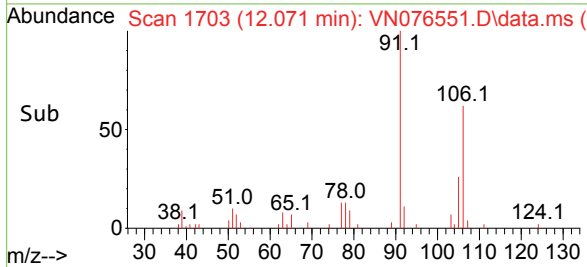
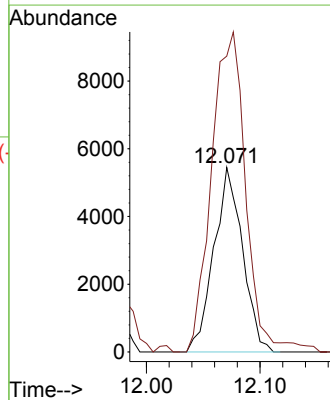
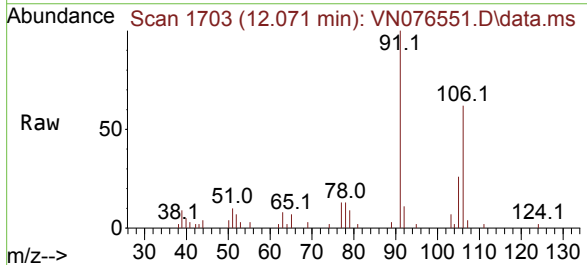
Instrument :
MSVOA_N
ClientSampleId :
WP-1

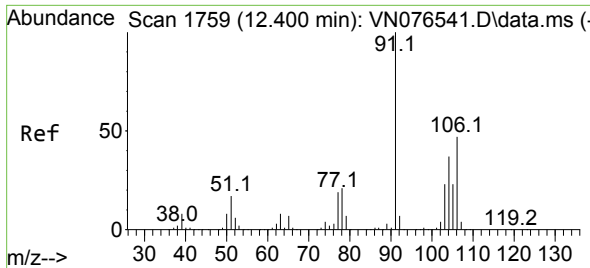
Tgt Ion: 91 Resp: 10299
Ion Ratio Lower Upper
91 100
106 27.3 25.0 37.6



#68
m/p-Xylenes
Concen: 0.839 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 106 Resp: 9557
Ion Ratio Lower Upper
106 100
91 206.7 160.2 240.4

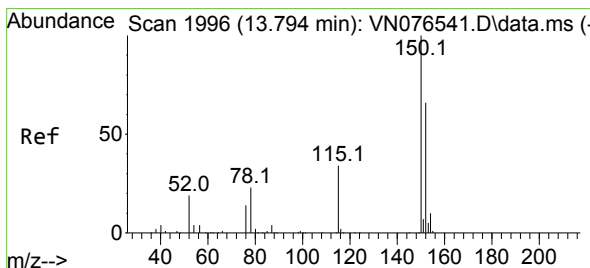
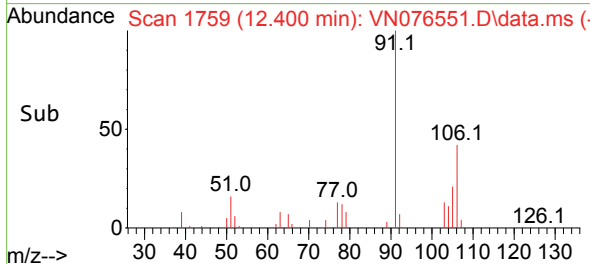
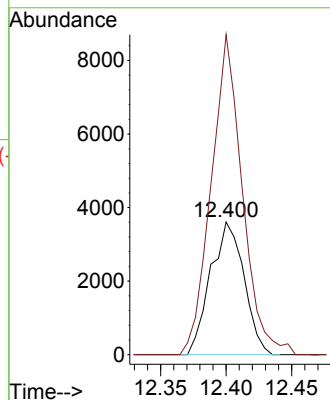
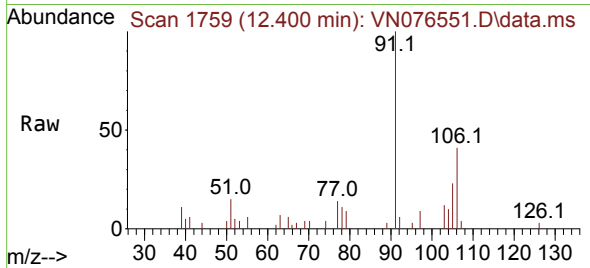




#69
o-Xylene
Concen: 0.572 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

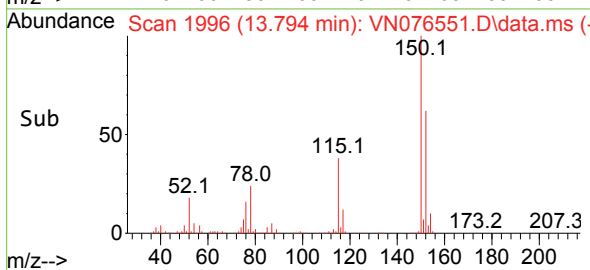
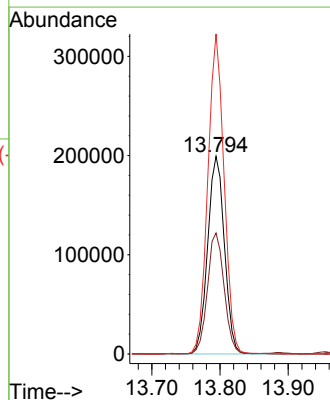
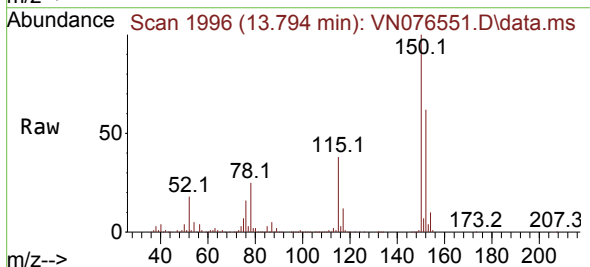
Instrument :
MSVOA_N
ClientSampleId :
WP-1

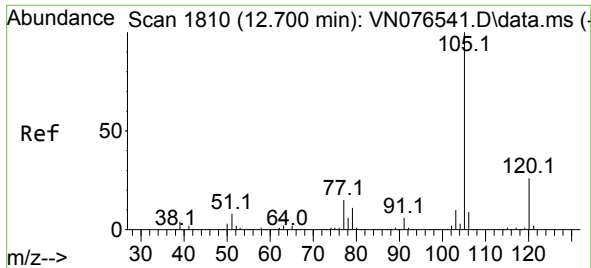
Tgt Ion:106 Resp: 6406
Ion Ratio Lower Upper
106 100
91 224.6 105.7 317.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion:152 Resp: 340664
Ion Ratio Lower Upper
152 100
115 60.5 30.5 91.5
150 157.2 0.0 352.0

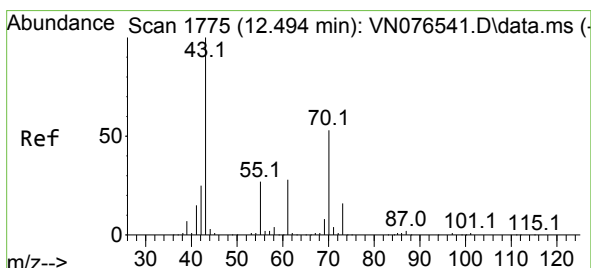
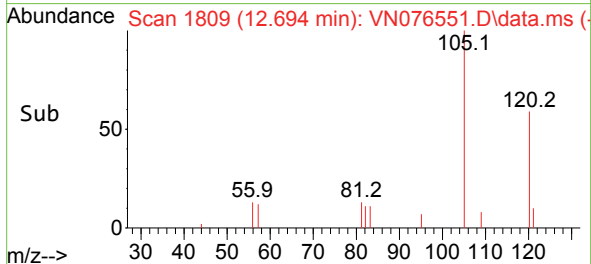
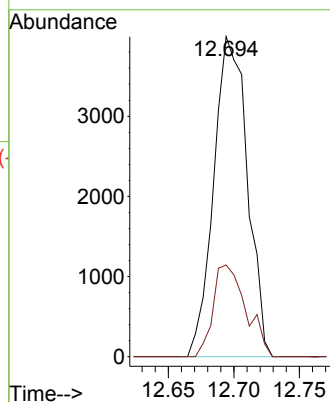
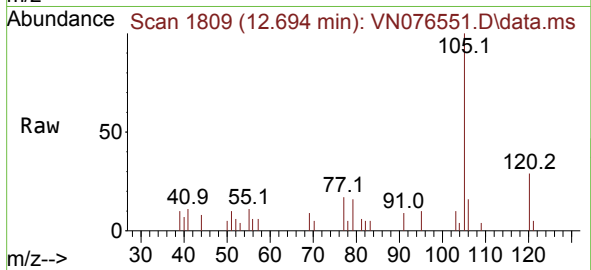




#73
Isopropylbenzene
Concen: 0.262 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

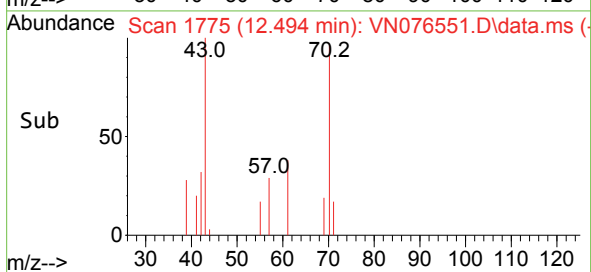
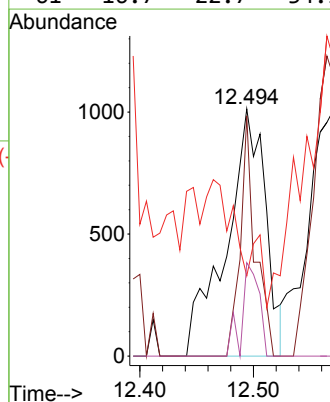
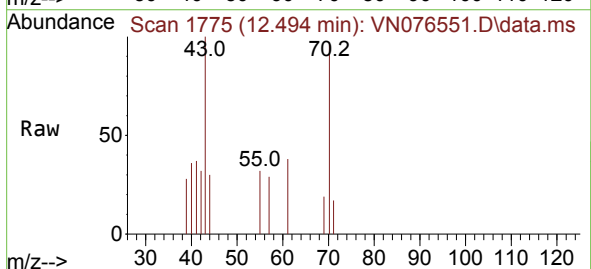
Instrument :
MSVOA_N
ClientSampleId :
WP-1

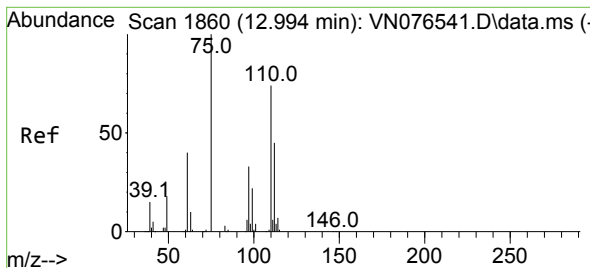
Tgt Ion:105 Resp: 7123
Ion Ratio Lower Upper
105 100
120 28.0 13.0 39.0



#74
N-ethyl acetate
Concen: 0.308 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 43 Resp: 2436
Ion Ratio Lower Upper
43 100
70 37.0 42.6 64.0#
55 0.0 22.3 33.5#
61 16.7 22.7 34.1#





#76

1,2,3-Trichloropropane

Concen: 25.291 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076551.D

Acq: 06 Feb 2023 19:00

Instrument :

MSVOA_N

ClientSampleId :

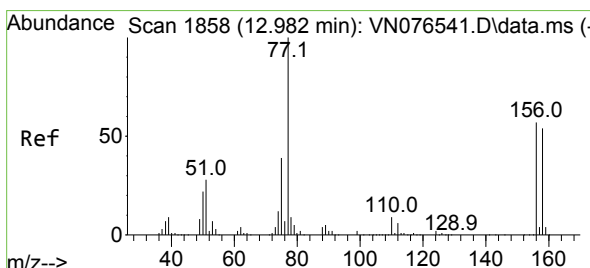
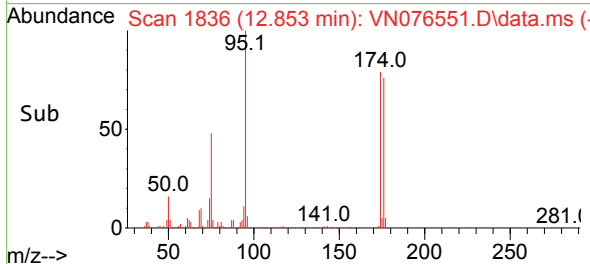
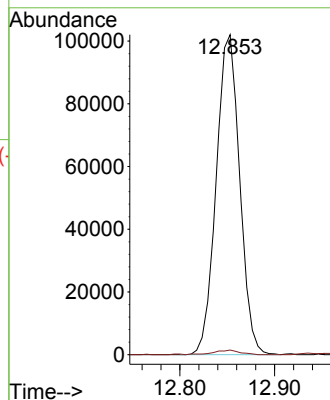
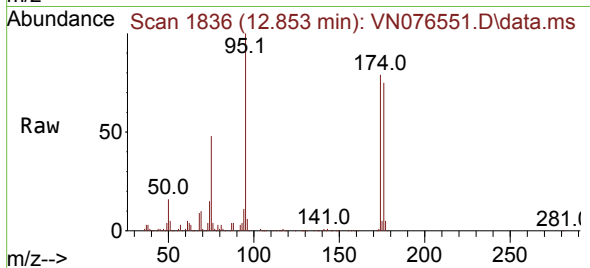
WP-1

Tgt Ion: 75 Resp: 175735

Ion Ratio Lower Upper

75 100

77 1.6 86.8 260.3#



#77

Bromobenzene

Concen: 0.249 ug/l

RT: 12.988 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VN076551.D

Acq: 06 Feb 2023 19:00

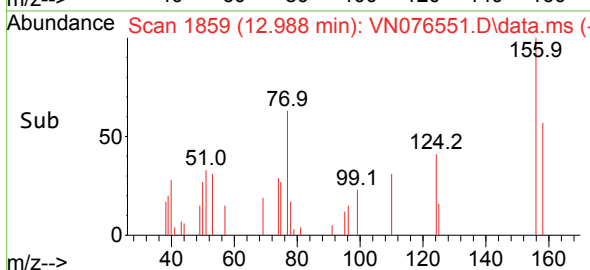
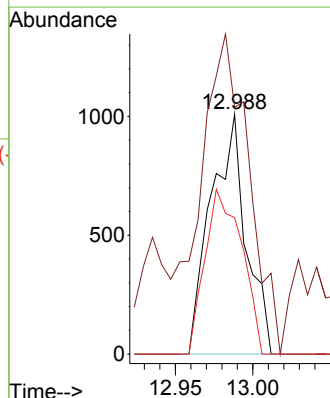
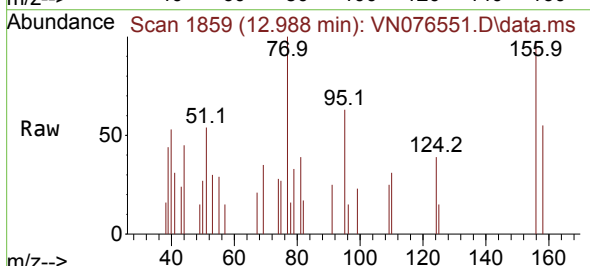
Tgt Ion:156 Resp: 1594

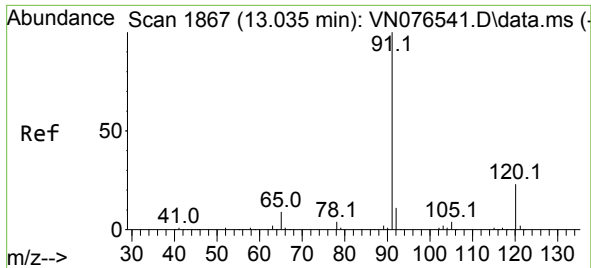
Ion Ratio Lower Upper

156 100

77 182.8 101.2 303.6

158 71.8 48.5 145.6

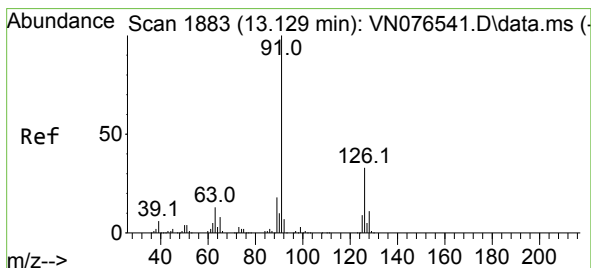
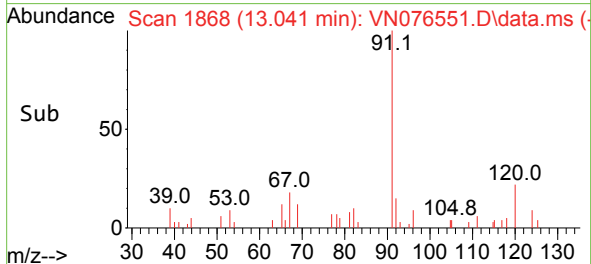
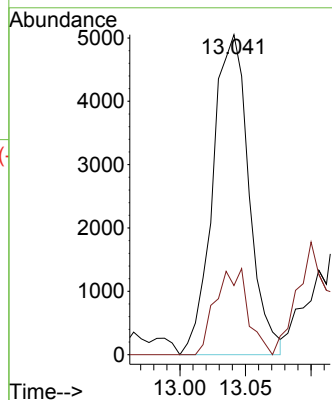
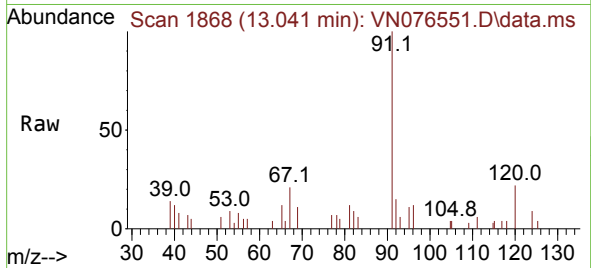




#78
n-propylbenzene
Concen: 0.320 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

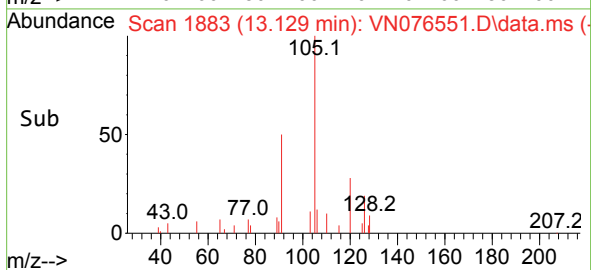
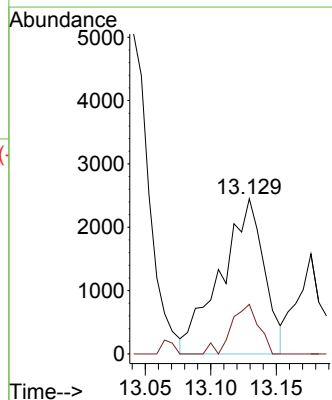
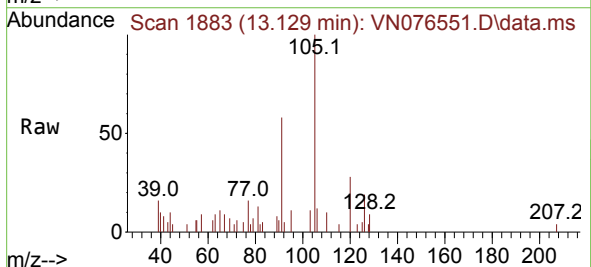
Instrument :
MSVOA_N
ClientSampleId :
WP-1

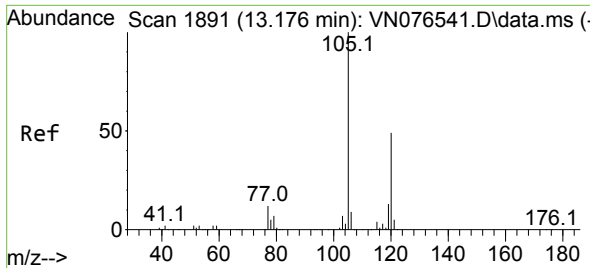
Tgt Ion: 91 Resp: 9676
Ion Ratio Lower Upper
91 100
120 24.0 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.294 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 91 Resp: 5633
Ion Ratio Lower Upper
91 100
126 20.1 16.8 50.3

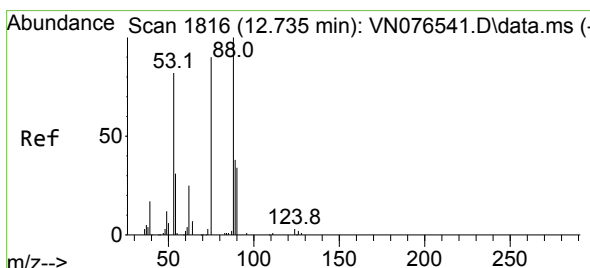
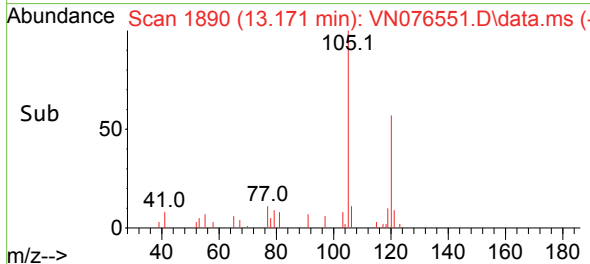
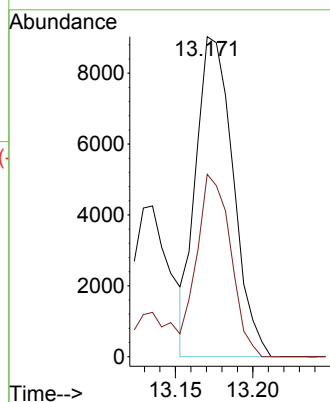
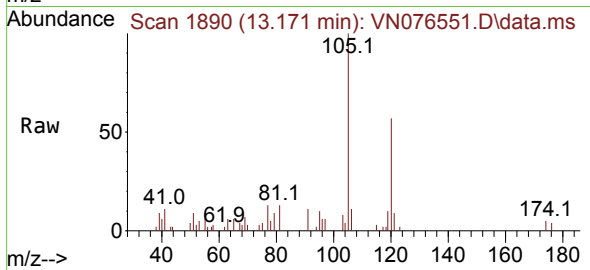




#80
 1,3,5-Trimethylbenzene
 Concen: 0.654 ug/l
 RT: 13.171 min Scan# 1890
 Delta R.T. -0.006 min
 Lab File: VN076551.D
 Acq: 06 Feb 2023 19:00

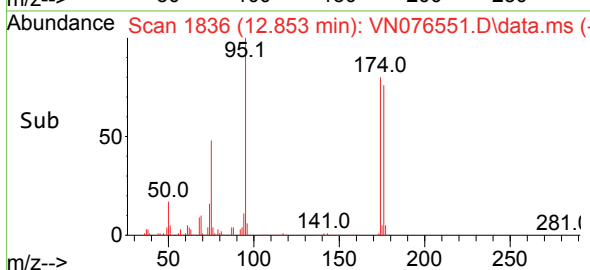
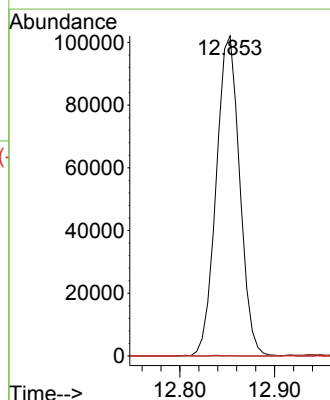
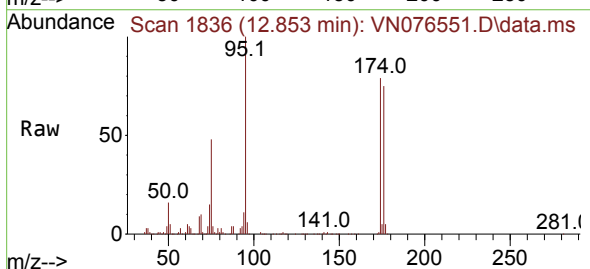
Instrument :
 MSVOA_N
 ClientSampleId :
 WP-1

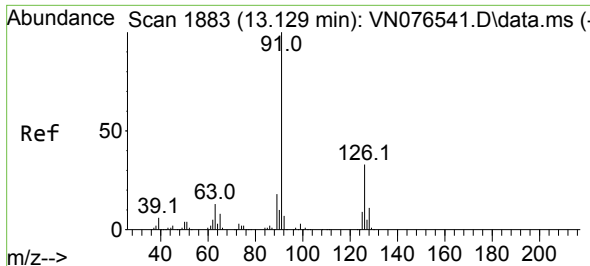
Tgt Ion:105 Resp: 15057
 Ion Ratio Lower Upper
 105 100
 120 51.7 24.2 72.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.220 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.118 min
 Lab File: VN076551.D
 Acq: 06 Feb 2023 19:00

Tgt Ion: 75 Resp: 175735
 Ion Ratio Lower Upper
 75 100
 53 0.1 72.7 109.1#
 89 0.0 38.4 57.6#

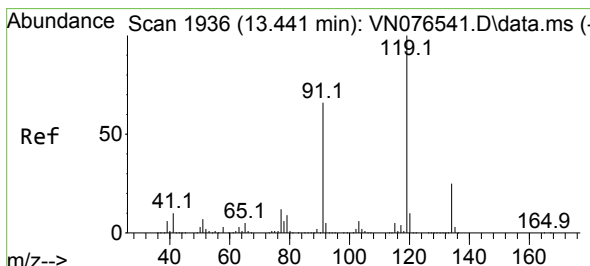
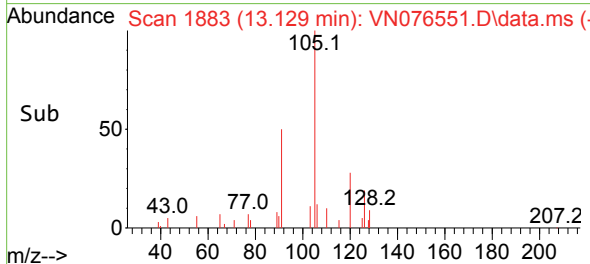
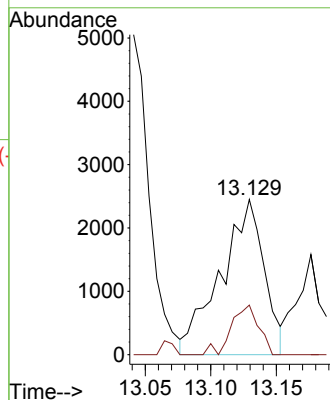
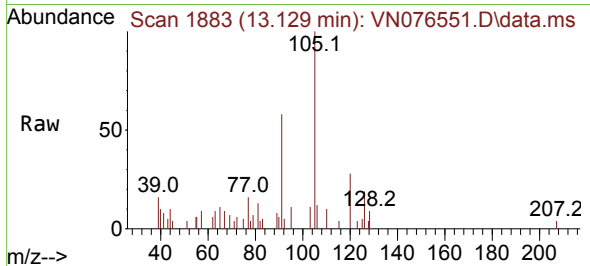




#82
4-Chlorotoluene
Concen: 0.294 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

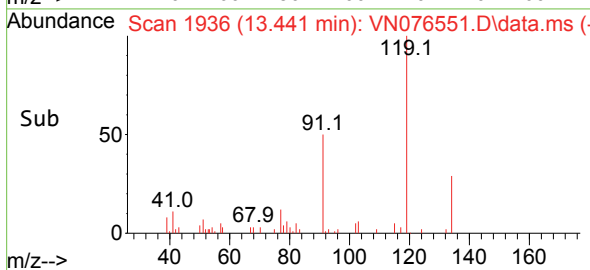
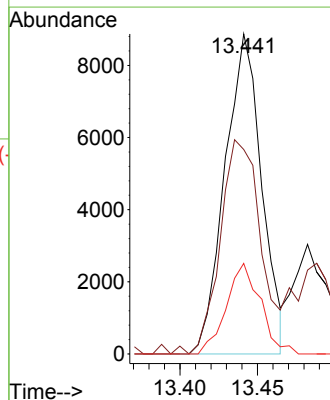
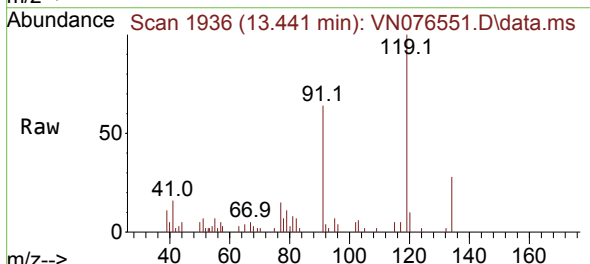
Instrument :
MSVOA_N
ClientSampleId :
WP-1

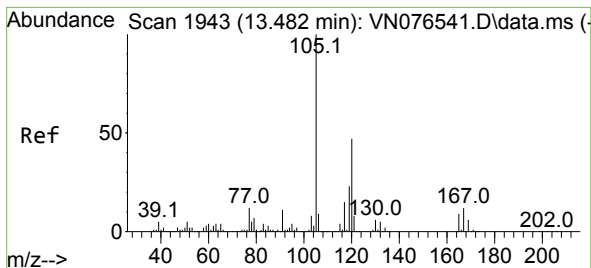
Tgt Ion: 91 Resp: 5633
Ion Ratio Lower Upper
91 100
126 20.1 16.8 50.3



#83
tert-Butylbenzene
Concen: 0.715 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 119 Resp: 14633
Ion Ratio Lower Upper
119 100
91 73.4 32.1 96.3
134 26.3 12.9 38.6





#84

1,2,4-Trimethylbenzene

Concen: 1.765 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076551.D

Acq: 06 Feb 2023 19:00

Instrument :

MSVOA_N

ClientSampleId :

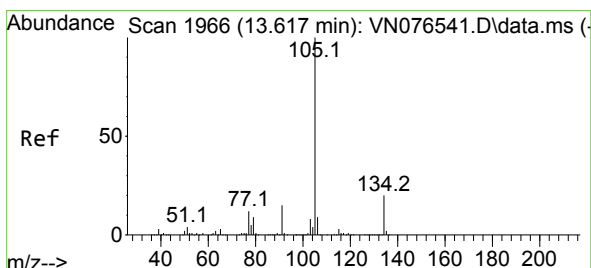
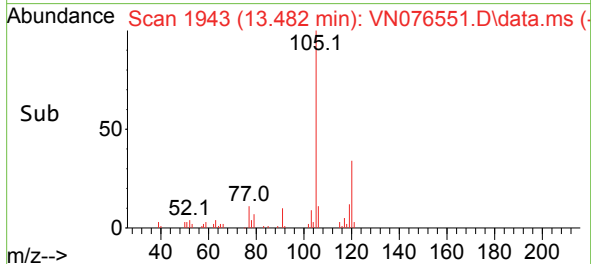
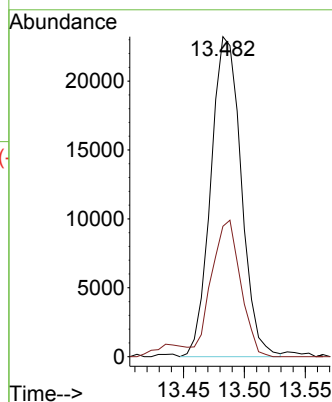
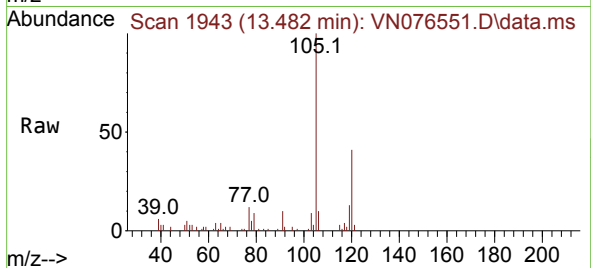
WP-1

Tgt Ion:105 Resp: 40309

Ion Ratio Lower Upper

105 100

120 41.2 22.5 67.5



#85

sec-Butylbenzene

Concen: 0.482 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076551.D

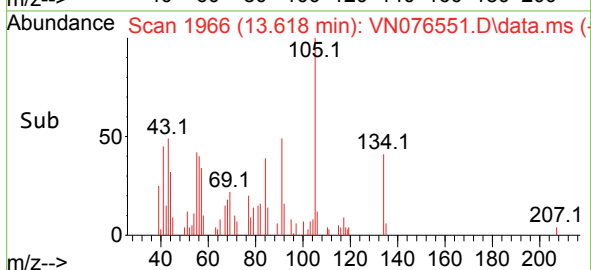
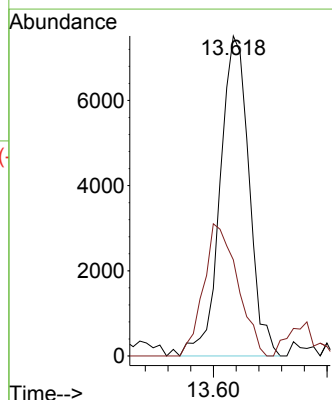
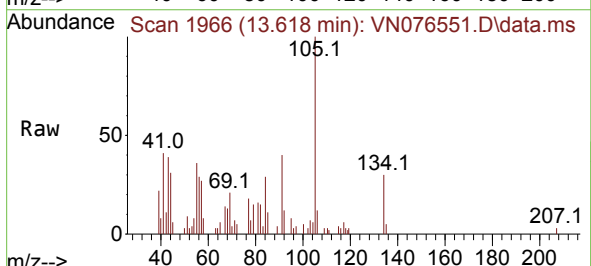
Acq: 06 Feb 2023 19:00

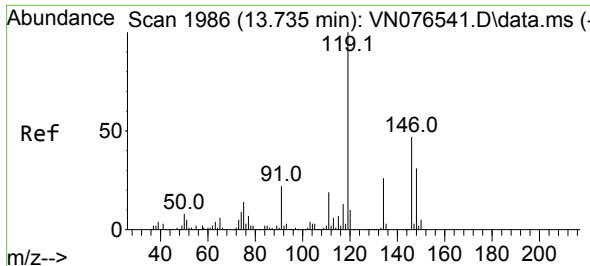
Tgt Ion:105 Resp: 13302

Ion Ratio Lower Upper

105 100

134 48.5 10.0 30.0#

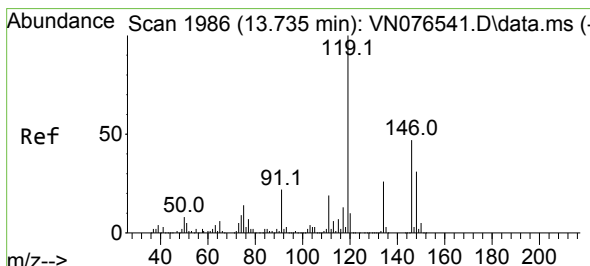
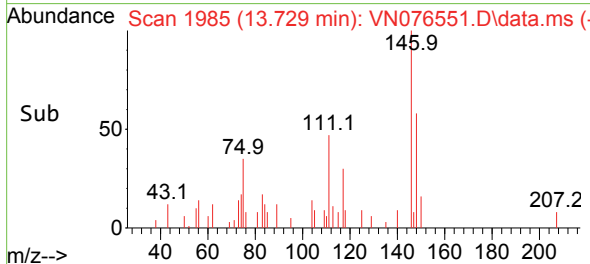
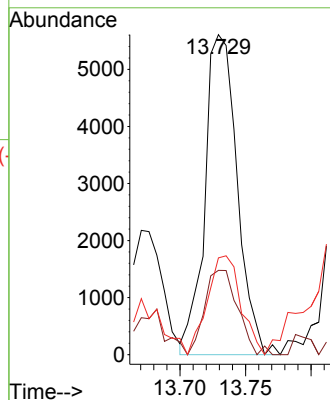
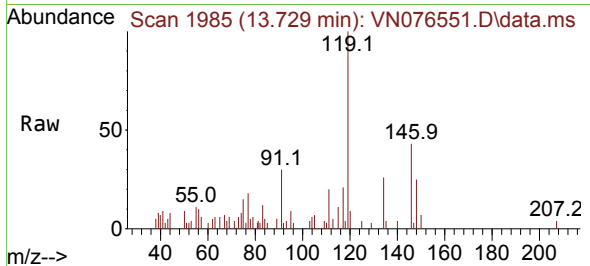




#86
 p-Isopropyltoluene
 Concen: 0.428 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN076551.D
 Acq: 06 Feb 2023 19:00

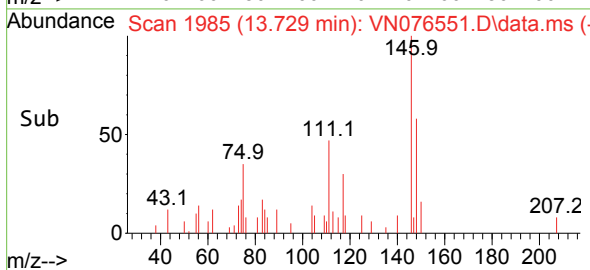
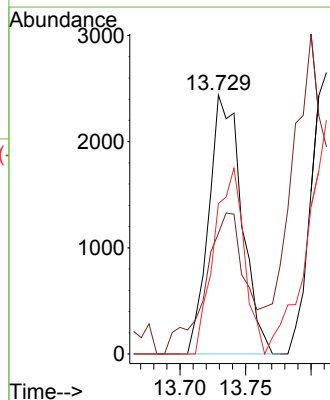
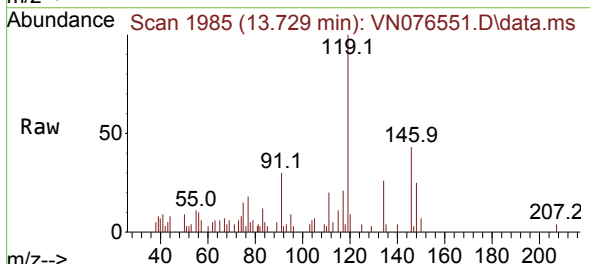
Instrument :
 MSVOA_N
 ClientSampleId :
 WP-1

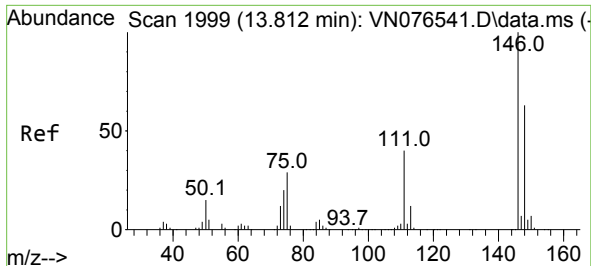
Tgt Ion:	119	Resp:	9608
Ion	Ratio	Lower	Upper
119	100		
134	27.0	12.9	38.6
91	31.9	11.4	34.2



#87
 1,3-Dichlorobenzene
 Concen: 0.360 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN076551.D
 Acq: 06 Feb 2023 19:00

Tgt Ion:	146	Resp:	4262
Ion	Ratio	Lower	Upper
146	100		
111	66.5	20.5	61.5#
148	65.2	32.0	96.2

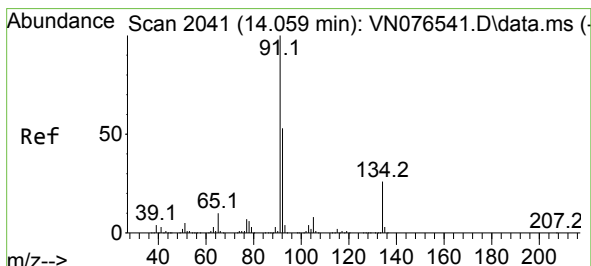
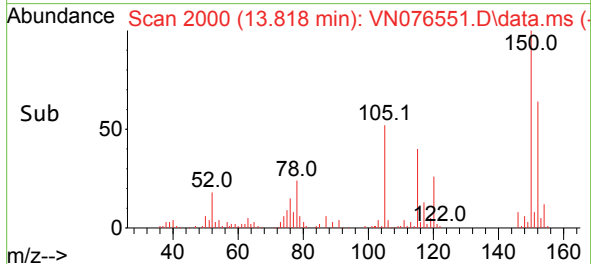
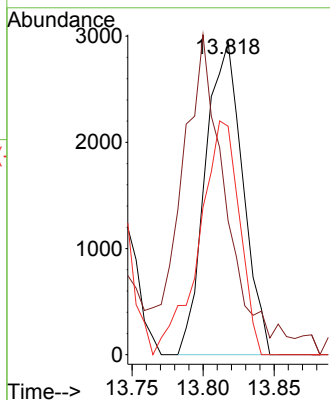
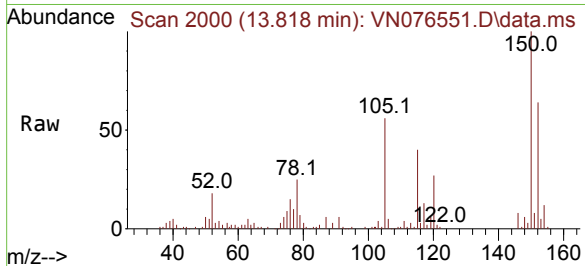




#88
1,4-Dichlorobenzene
Concen: 0.452 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

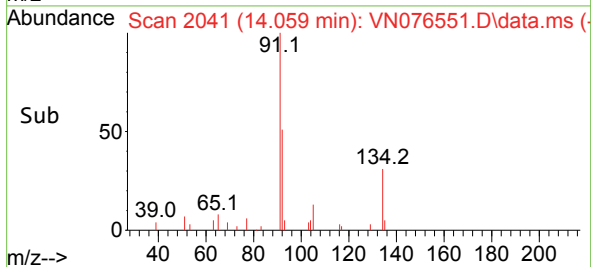
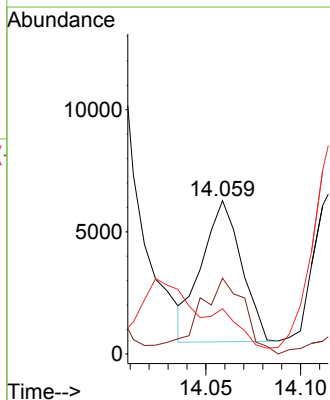
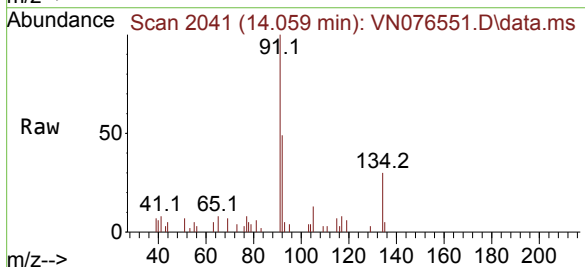
Instrument :
MSVOA_N
ClientSampleId :
WP-1

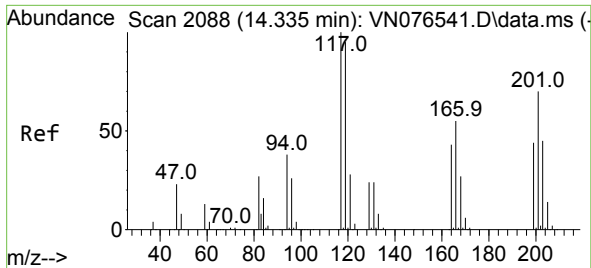
Tgt Ion:146 Resp: 5395
Ion Ratio Lower Upper
146 100
111 124.5 20.1 60.2#
148 80.3 31.6 95.0



#89
n-Butylbenzene
Concen: 0.472 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion: 91 Resp: 8412
Ion Ratio Lower Upper
91 100
92 62.1 26.9 80.7
134 0.0 13.0 39.0#

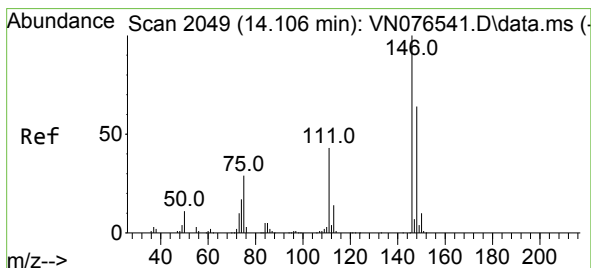
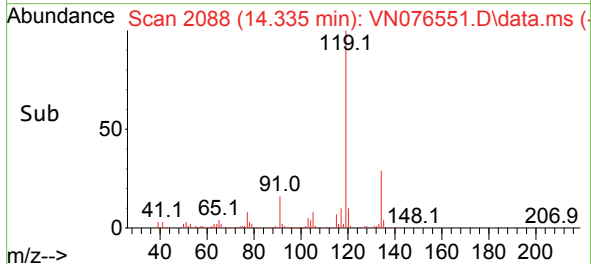
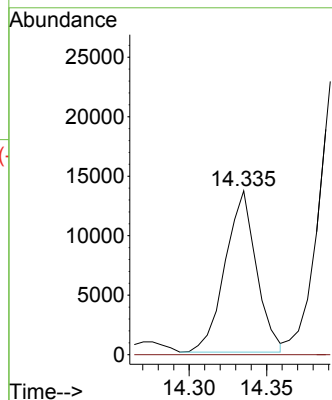
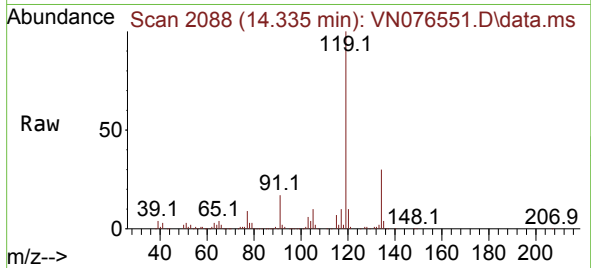




#90
Hexachloroethane
Concen: 4.950 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

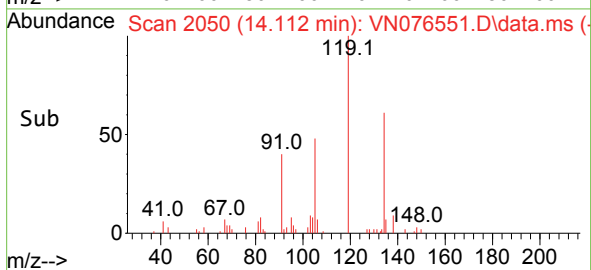
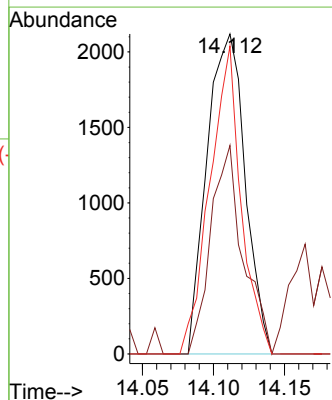
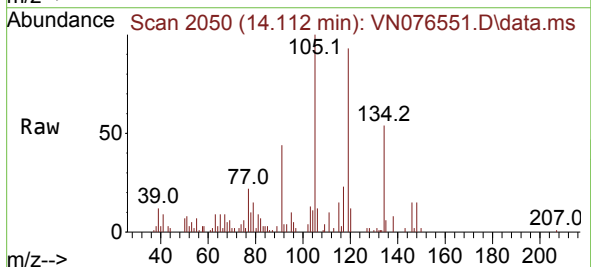
Instrument :
MSVOA_N
ClientSampleId :
WP-1

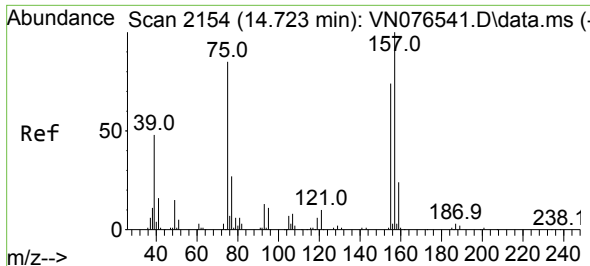
Tgt Ion:117 Resp: 18989
Ion Ratio Lower Upper
117 100
201 0.0 36.5 109.7#



#91
1,2-Dichlorobenzene
Concen: 0.341 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion:146 Resp: 3960
Ion Ratio Lower Upper
146 100
111 55.3 21.3 63.9
148 78.9 32.3 96.9

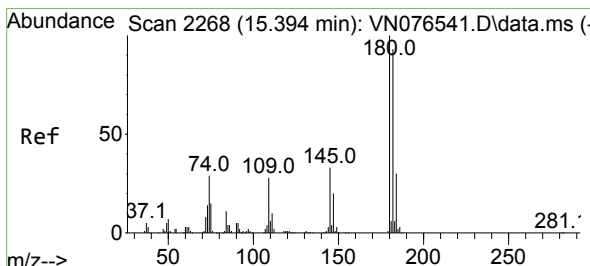
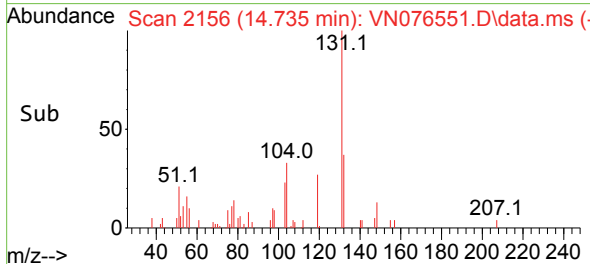
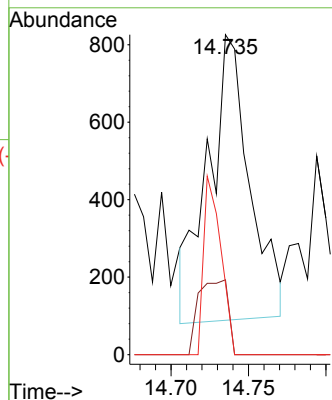
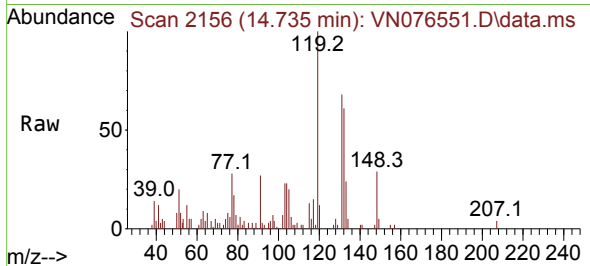




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.009 ug/l
 RT: 14.735 min Scan# 2154
 Delta R.T. 0.012 min
 Lab File: VN076551.D
 Acq: 06 Feb 2023 19:00

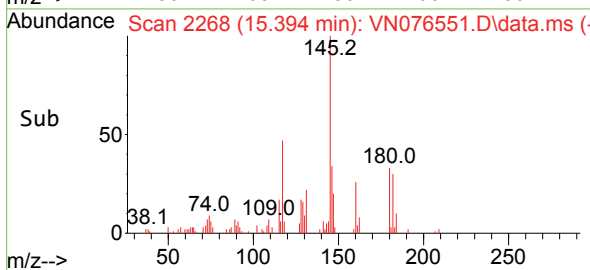
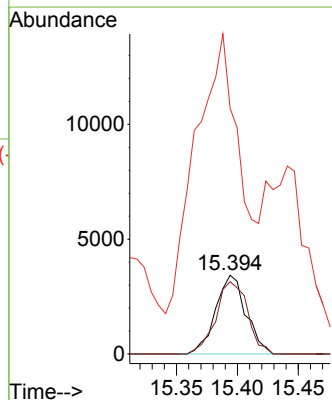
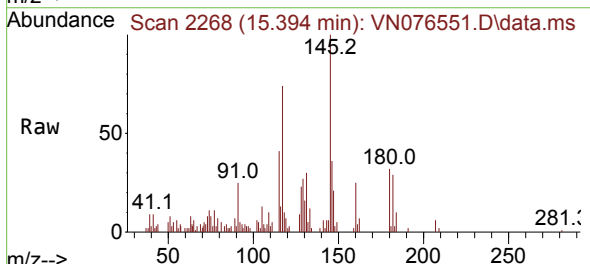
Instrument :
 MSVOA_N
 ClientSampleId :
 WP-1

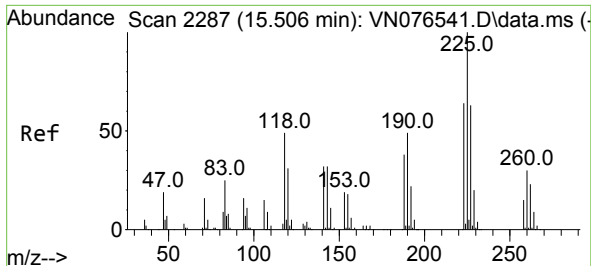
Tgt Ion: 75 Resp: 1369
 Ion Ratio Lower Upper
 75 100
 155 18.6 45.0 135.0#
 157 26.0 57.6 173.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.167 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: VN076551.D
 Acq: 06 Feb 2023 19:00

Tgt Ion: 180 Resp: 5972
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.2 141.6
 145 608.9 16.1 48.2#

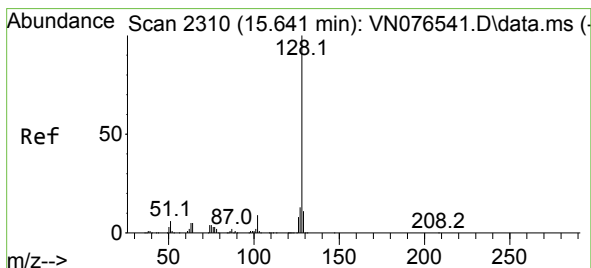
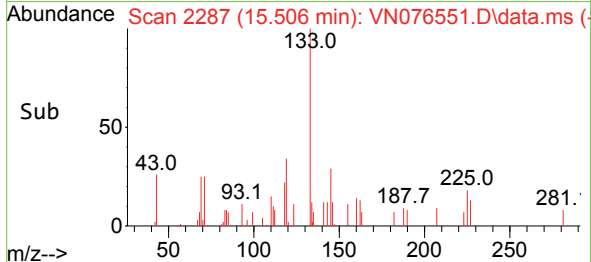
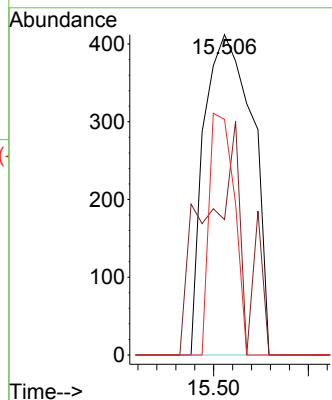
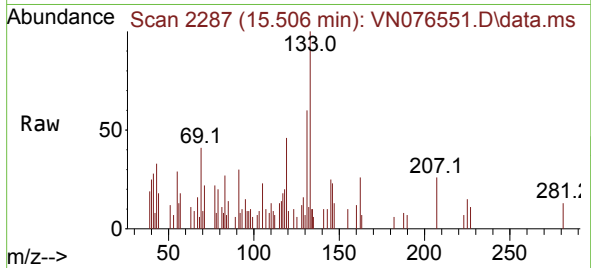




#94
Hexachlorobutadiene
Concen: 0.248 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

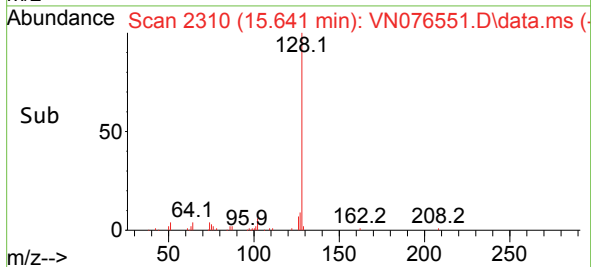
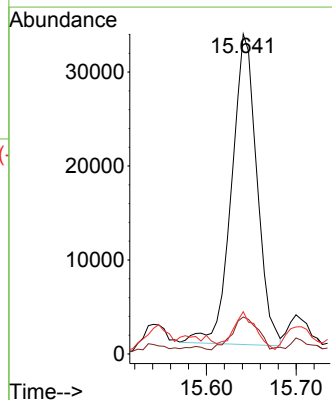
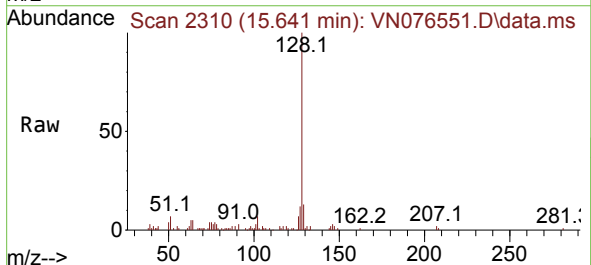
Instrument :
MSVOA_N
ClientSampleId :
WP-1

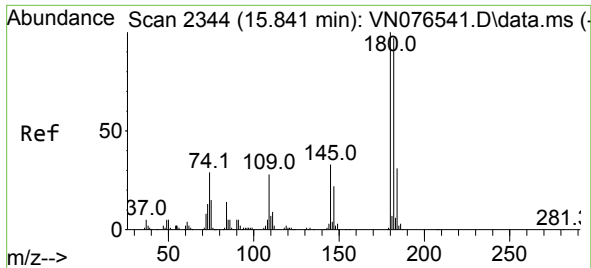
Tgt Ion:225	Resp:	728
Ion Ratio	Lower	Upper
225	100	
223	58.7	31.3 93.9
227	39.3	31.6 95.0



#95
Naphthalene
Concen: 4.298 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN076551.D
Acq: 06 Feb 2023 19:00

Tgt Ion:128	Resp:	64793
Ion Ratio	Lower	Upper
128	100	
127	11.3	10.4 15.6
129	10.6	8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.356 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076551.D
 Acq: 06 Feb 2023 19:00

Instrument :
 MSVOA_N
 ClientSampleId :
 WP-1

Tgt Ion:180 Resp: 6670
 Ion Ratio Lower Upper
 180 100
 182 103.4 47.6 142.8
 145 0.0 16.8 50.3#

