

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011723\
 Data File : VN076285.D
 Acq On : 17 Jan 2023 19:07
 Operator : JC\MD
 Sample : 01190-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WS-2

Quant Time: Jan 18 00:58:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	357482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	572948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	512941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	243978	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	191397	47.817	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.640%
35) Dibromofluoromethane	8.177	113	171716	47.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.820%
50) Toluene-d8	10.571	98	665521	50.280	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.853	95	223993	51.838	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.680%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	6530	5.017	ug/l	93
18) Methyl Acetate	5.047	43	2620	0.603	ug/l	# 80
20) Methylene Chloride	5.294	84	2212	Below Cal	#	85
25) 2-Butanone	7.500	43	17063	8.707	ug/l	96
29) Tetrahydrofuran	7.859	42	1340	1.108	ug/l	# 75
31) Cyclohexane	8.271	56	24044	3.910	ug/l	94
36) 1,1-Dichloropropene	8.230	75	25668	5.040	ug/l	# 49
37) Ethyl Acetate	7.500	43	17063	4.211	ug/l	# 67
38) Carbon Tetrachloride	8.230	117	34677	6.106	ug/l	# 18
39) Methylcyclohexane	9.600	83	31973	5.141	ug/l	98
40) Benzene	8.612	78	246523	16.188	ug/l	99
41) Methacrylonitrile	7.865	41	651	0.304	ug/l	# 29
42) 1,2-Dichloroethane	8.606	62	2428	0.466	ug/l	98
43) Isopropyl Acetate	8.730	43	4635	0.697	ug/l	# 51
48) Methyl methacrylate	9.653	41	2699	0.858	ug/l	# 31
52) Toluene	10.635	92	996904	97.892	ug/l	98
53) t-1,3-Dichloropropene	10.629	75	11470	2.254	ug/l	# 1
55) 1,1,2-Trichloroethane	11.012	97	9336	2.398	ug/l	# 17
56) Ethyl methacrylate	10.912	69	3544	0.705	ug/l	# 42
59) 2-Hexanone	11.176	43	3048	1.078	ug/l	# 23
67) Ethyl Benzene	11.965	91	1520597	81.940	ug/l	100
68) m/p-Xylenes	12.071	106	2404533	323.135	ug/l	100
69) o-Xylene	12.400	106	1353568	185.227	ug/l	100
70) Styrene	12.400	104	66773	5.723	ug/l	# 1
73) Isopropylbenzene	12.700	105	256955	13.614	ug/l	99
74) N-amyl acetate	12.488	43	4986	0.918	ug/l	# 49
75) 1,1,2,2-Tetrachloroethane	12.929	83	1094	0.202	ug/l	89
77) Bromobenzene	12.853	156	57	Below Cal	#	1
78) n-propylbenzene	13.035	91	759373	35.657	ug/l	100
79) 2-Chlorotoluene	13.100	91	346893	26.545	ug/l	# 40
80) 1,3,5-Trimethylbenzene	13.176	105	1128440	71.366	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	115347	78.662	ug/l	# 12
82) 4-Chlorotoluene	13.100	91	346893	26.545	ug/l	# 40
83) tert-Butylbenzene	13.488	119	651115	46.299	ug/l	# 65
84) 1,2,4-Trimethylbenzene	13.488	105	5253152	331.320	ug/l	100
85) sec-Butylbenzene	13.617	105	161048	8.253	ug/l	86

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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

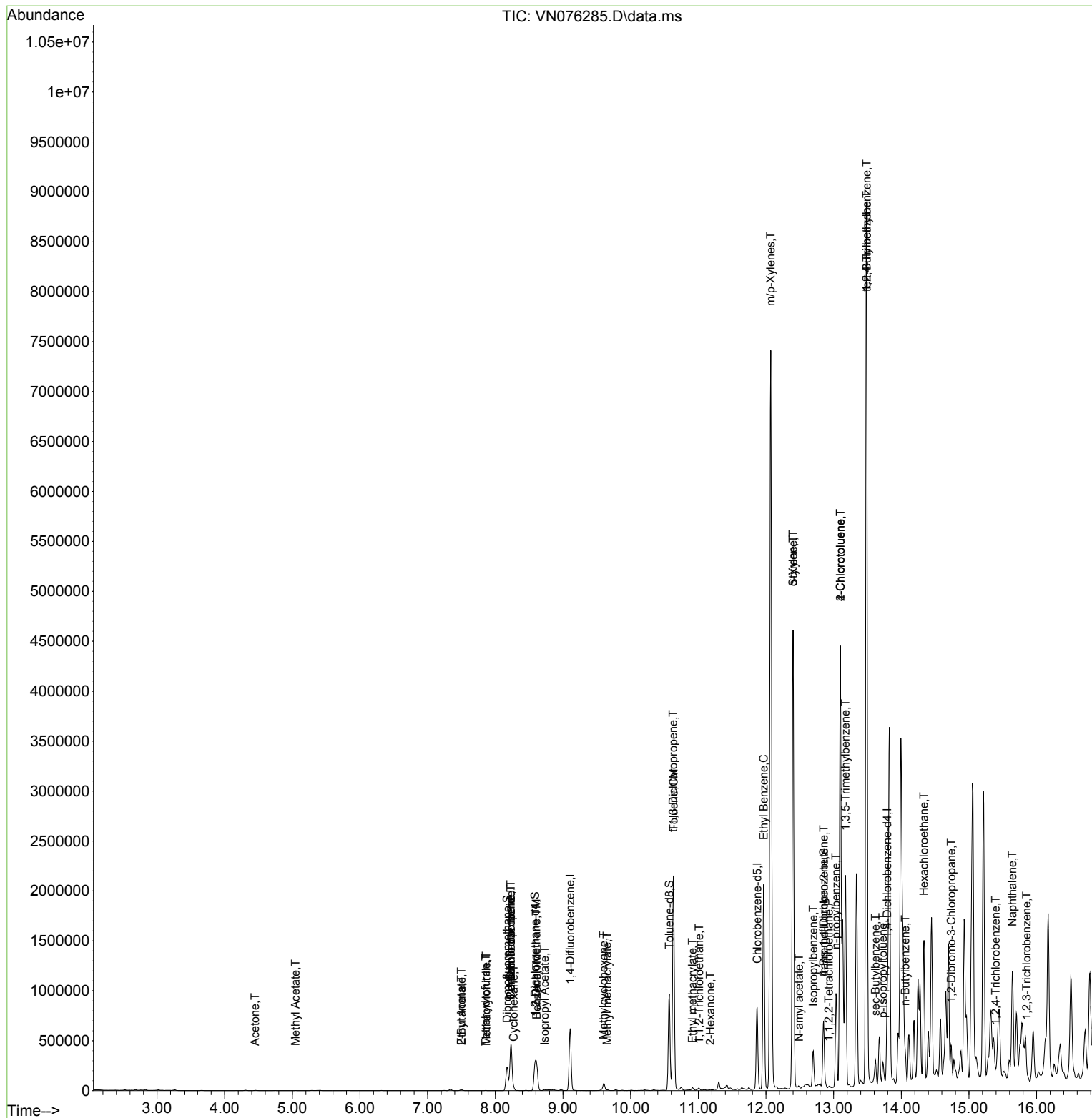
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.729	119	114133	7.113	ug/l	98
89) n-Butylbenzene	14.059	91	161383	12.669	ug/l #	77
90) Hexachloroethane	14.335	117	69694	25.164	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.741	75	652	0.691	ug/l #	46
93) 1,2,4-Trichlorobenzene	15.394	180	872	1.504	ug/l #	86
95) Naphthalene	15.641	128	1038781	80.770	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	175	1.196	ug/l #	74

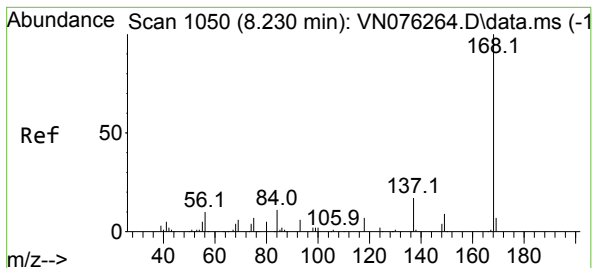
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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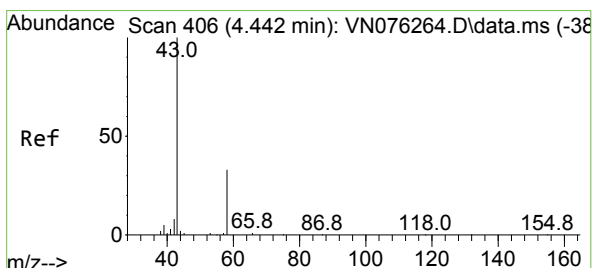
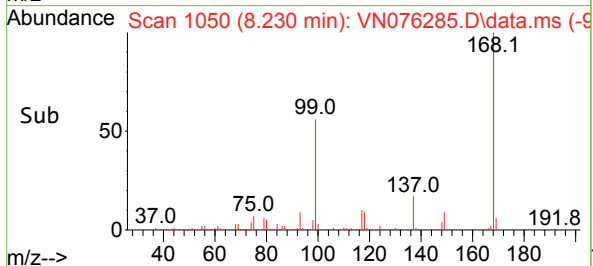
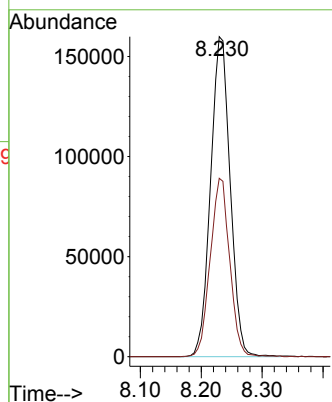
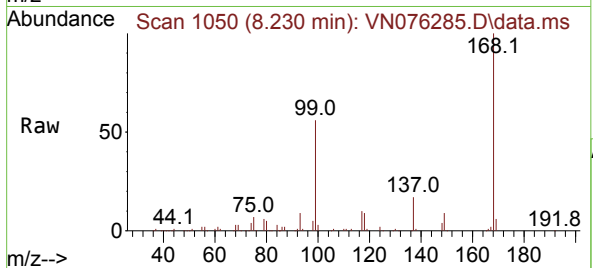




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

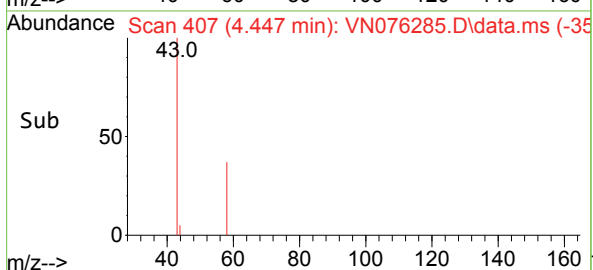
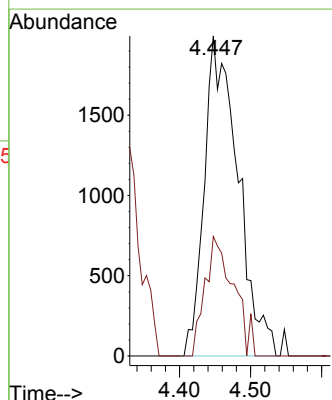
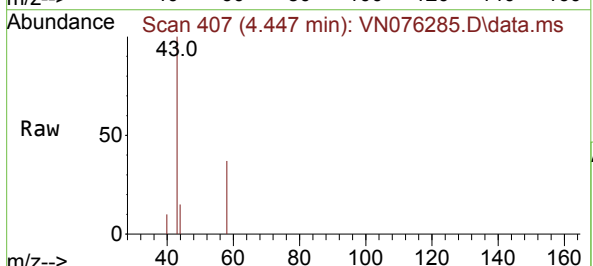
Instrument :
MSVOA_N
ClientSampleId :
WS-2

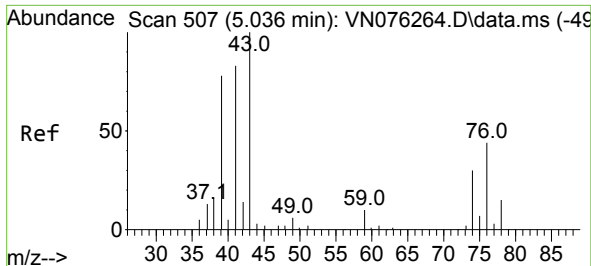
Tgt Ion:168 Resp: 357482
Ion Ratio Lower Upper
168 100
99 55.7 41.6 62.4



#16
Acetone
Concen: 5.017 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 43 Resp: 6530
Ion Ratio Lower Upper
43 100
58 37.4 26.7 40.1

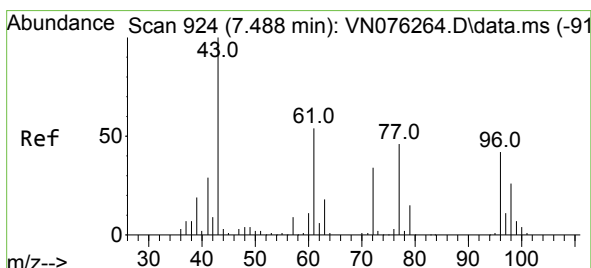
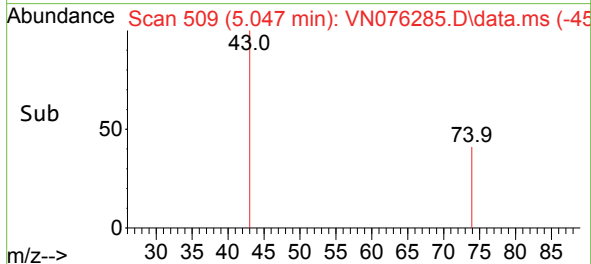
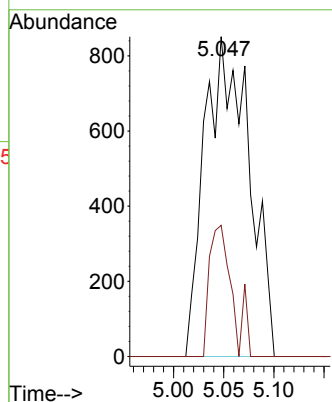
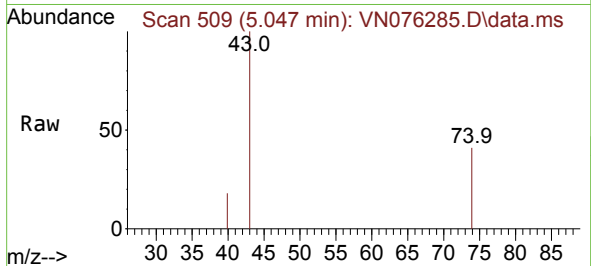




#18
Methyl Acetate
Concen: 0.603 ug/l
RT: 5.047 min Scan# 507
Delta R.T. 0.011 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

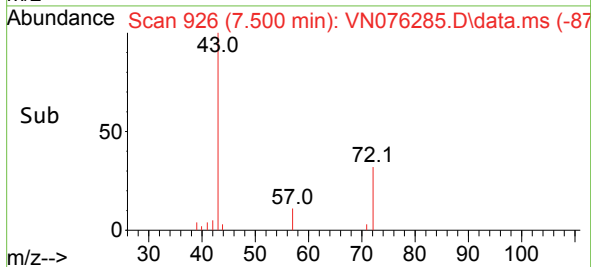
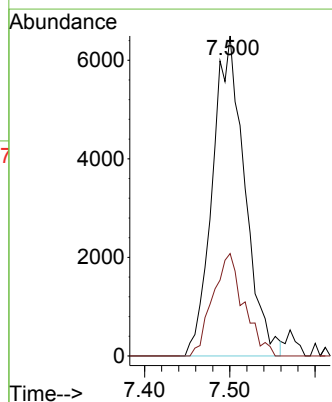
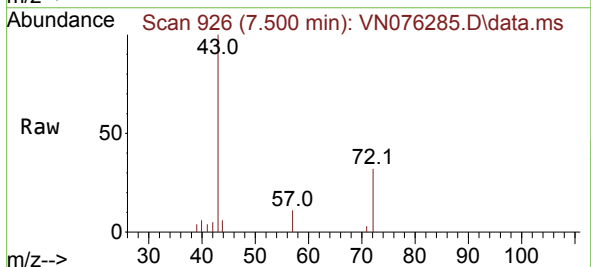
Instrument :
MSVOA_N
ClientSampleId :
WS-2

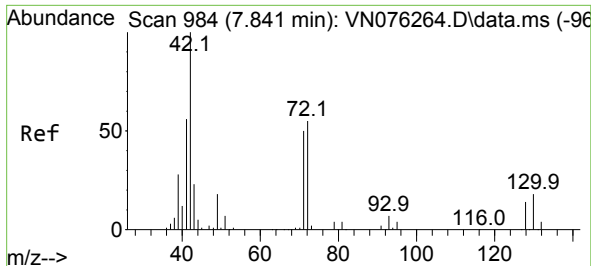
Tgt Ion: 43 Resp: 2620
Ion Ratio Lower Upper
43 100
74 18.3 23.3 34.9#



#25
2-Butanone
Concen: 8.707 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 43 Resp: 17063
Ion Ratio Lower Upper
43 100
72 32.0 27.4 41.2





#29

Tetrahydrofuran

Concen: 1.108 ug/l

RT: 7.859 min Scan# 91

Delta R.T. 0.018 min

Lab File: VN076285.D

Acq: 17 Jan 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

WS-2

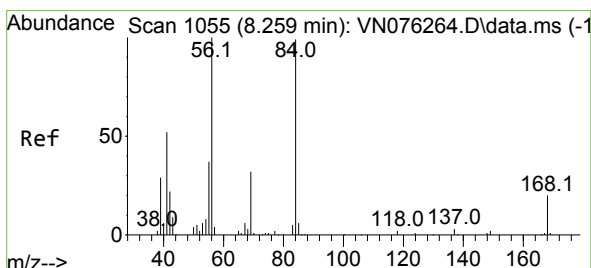
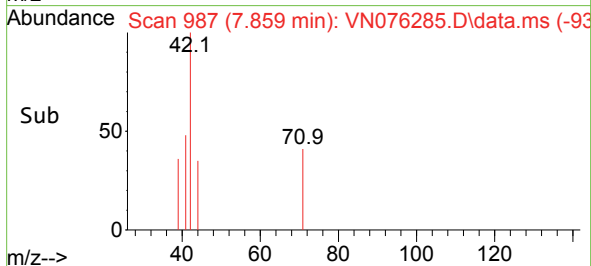
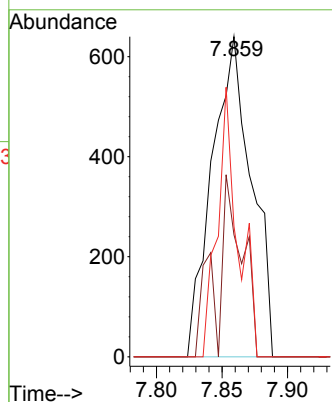
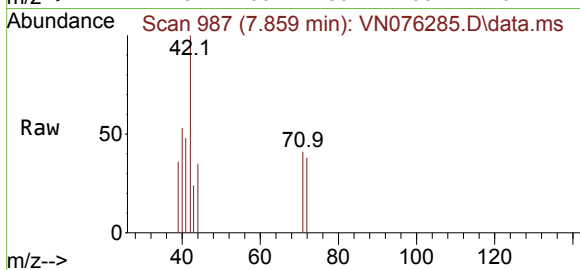
Tgt Ion: 42 Resp: 1340

Ion Ratio Lower Upper

42 100

72 27.2 44.0 66.0#

71 43.9 41.1 61.7



#31

Cyclohexane

Concen: 3.910 ug/l

RT: 8.271 min Scan# 1057

Delta R.T. 0.012 min

Lab File: VN076285.D

Acq: 17 Jan 2023 19:07

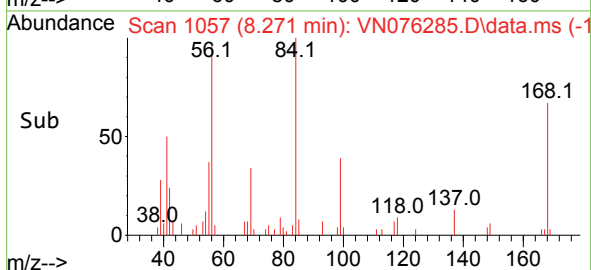
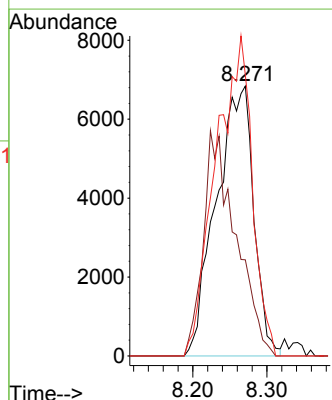
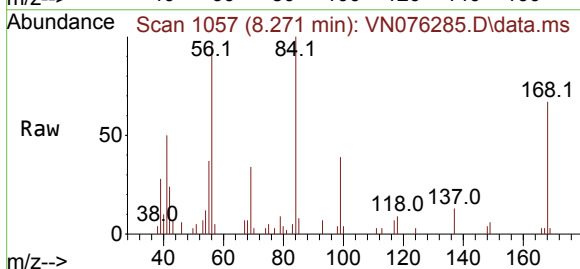
Tgt Ion: 56 Resp: 24044

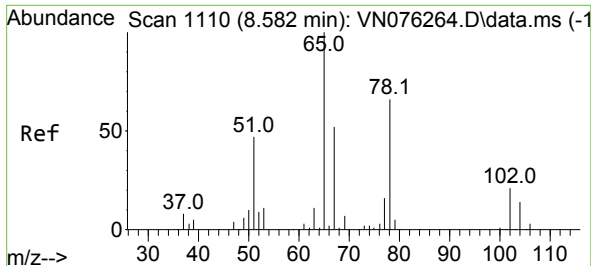
Ion Ratio Lower Upper

56 100

69 35.6 25.8 38.8

84 104.1 79.0 118.4





#33

1,2-Dichloroethane-d4

Concen: 47.817 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076285.D

Acq: 17 Jan 2023 19:07

Instrument :

MSVOA_N

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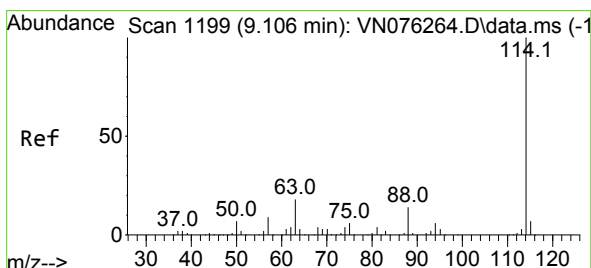
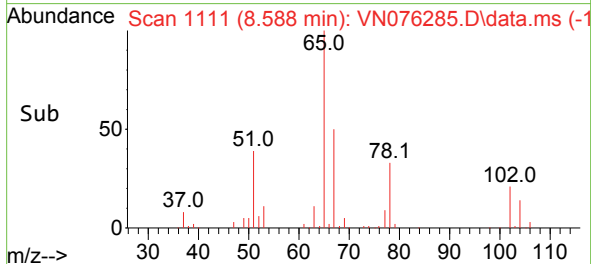
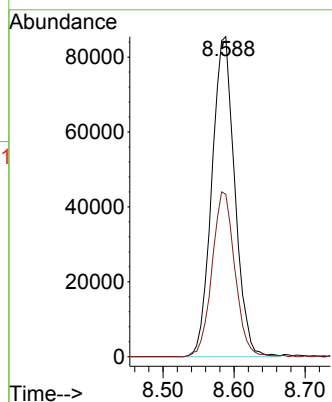
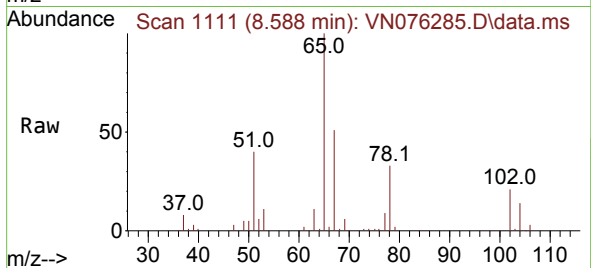
WS-2

Tgt Ion: 65 Resp: 191397

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076285.D

Acq: 17 Jan 2023 19:07

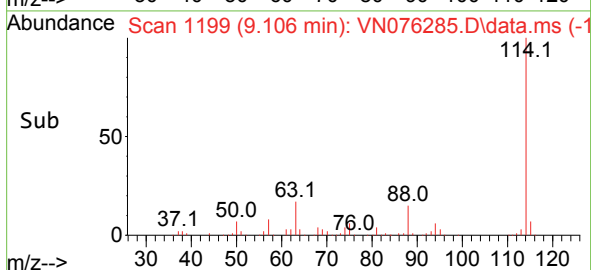
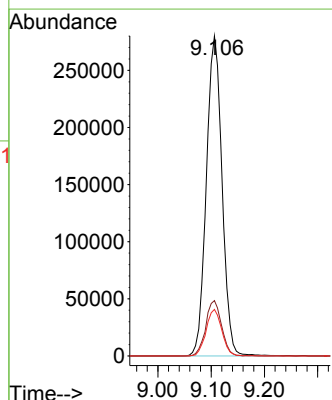
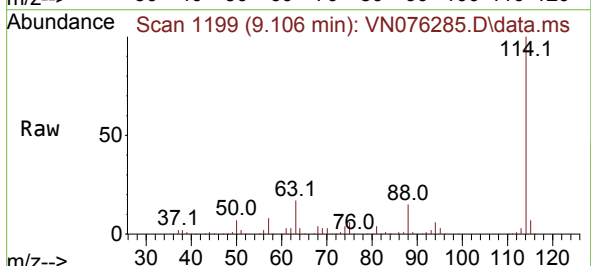
Tgt Ion: 114 Resp: 572948

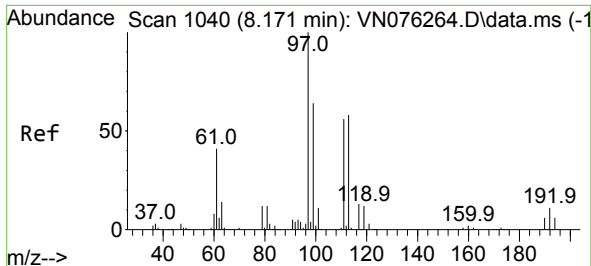
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.8

88 14.6 0.0 28.0

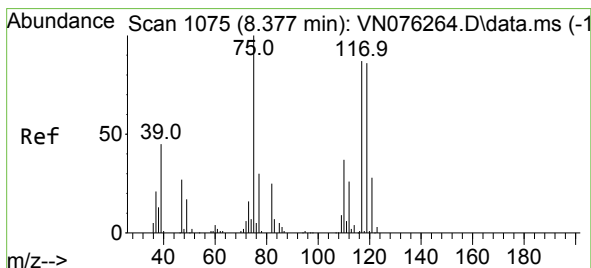
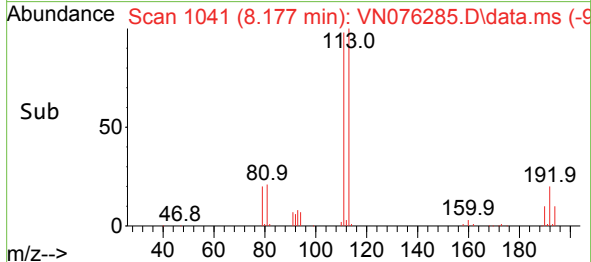
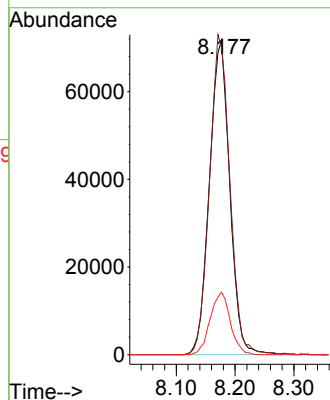
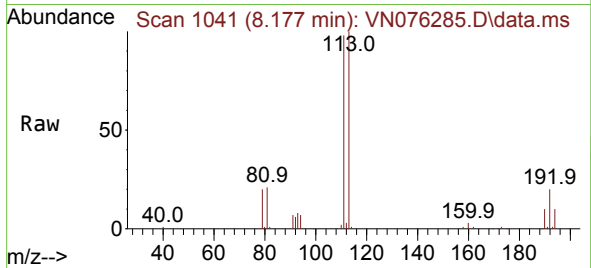




#35
Dibromofluoromethane
Concen: 47.911 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

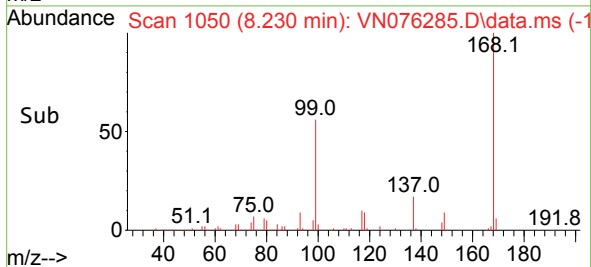
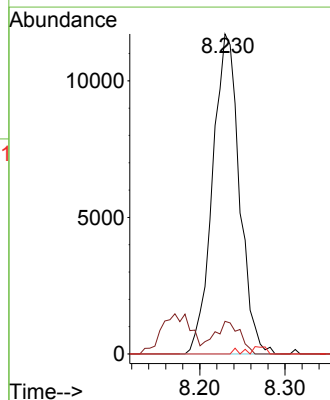
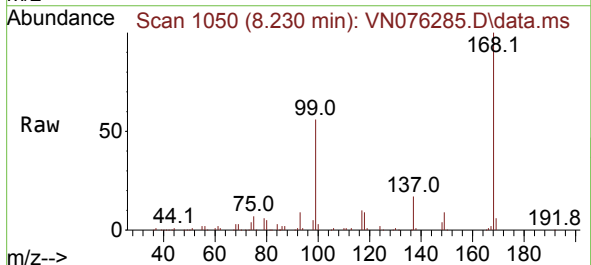
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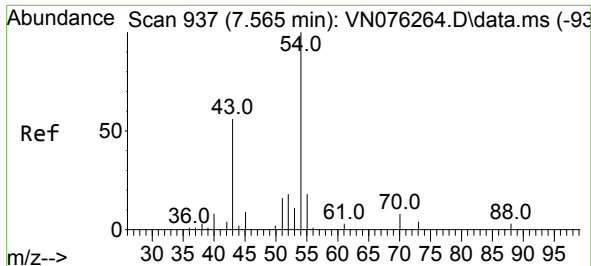
Tgt Ion:113 Resp: 171716
Ion Ratio Lower Upper
113 100
111 102.0 82.7 124.1
192 19.8 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.040 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 75 Resp: 25668
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.3#
77 0.0 25.0 37.4#

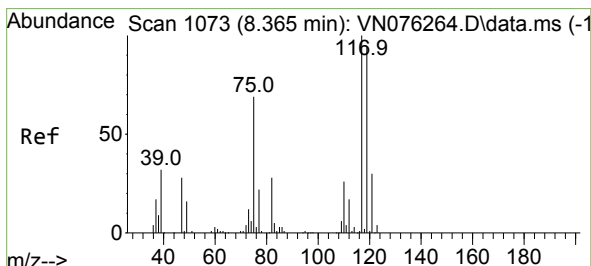
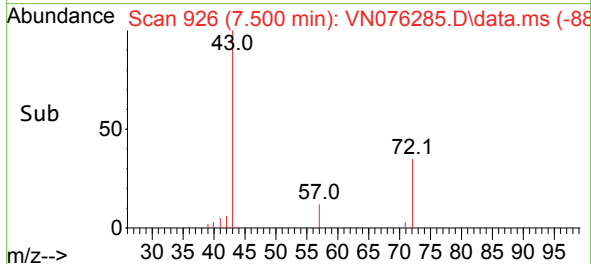
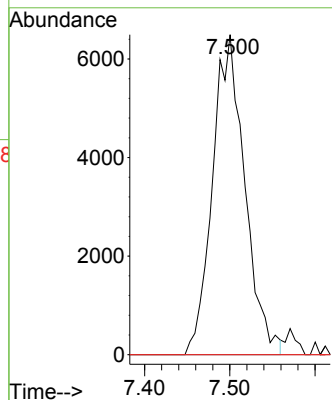
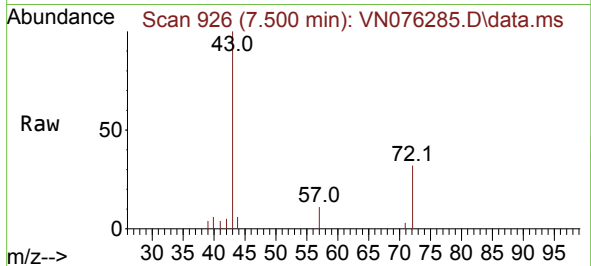




#37
Ethyl Acetate
Concen: 4.211 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.065 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

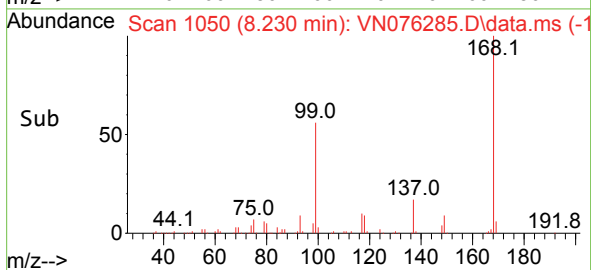
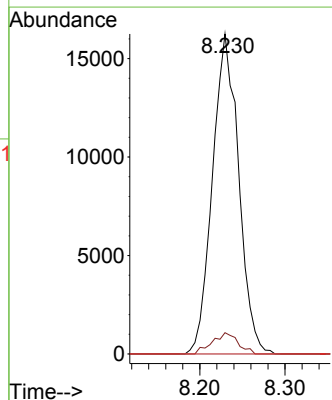
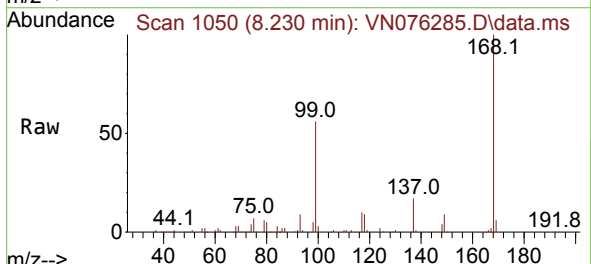
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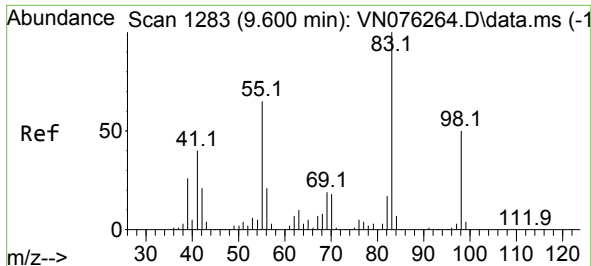
Tgt Ion: 43 Resp: 17063
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 6.106 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 117 Resp: 34677
Ion Ratio Lower Upper
117 100
119 6.7 75.4 113.0#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 5.141 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076285.D

Acq: 17 Jan 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

WS-2

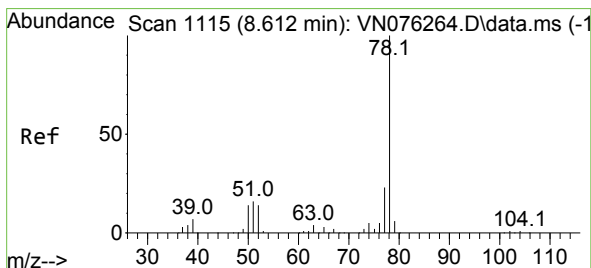
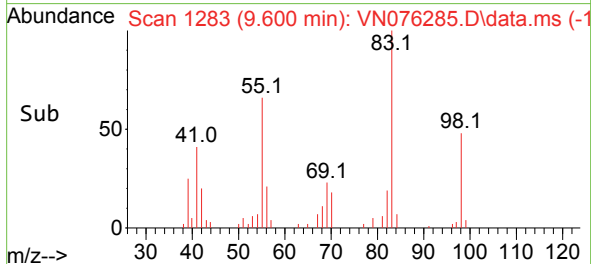
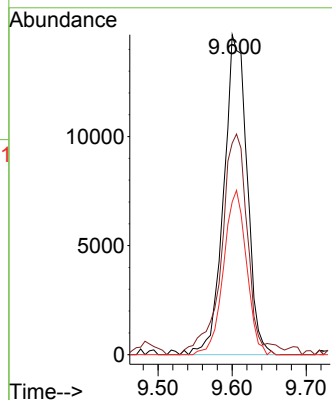
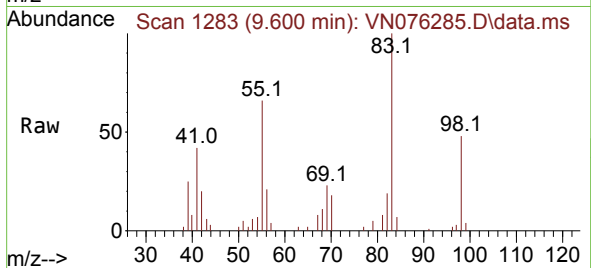
Tgt Ion: 83 Resp: 31973

Ion Ratio Lower Upper

83 100

55 66.1 51.7 77.5

98 47.8 40.0 60.0



#40

Benzene

Concen: 16.188 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076285.D

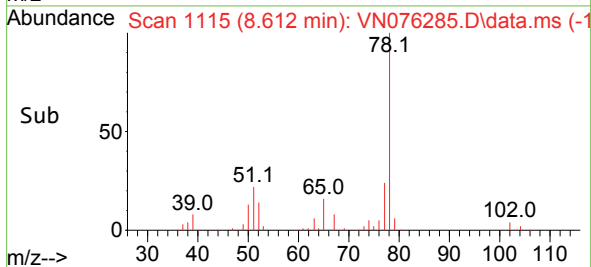
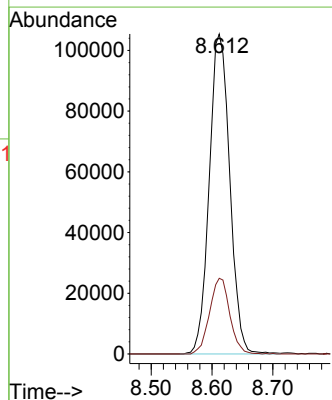
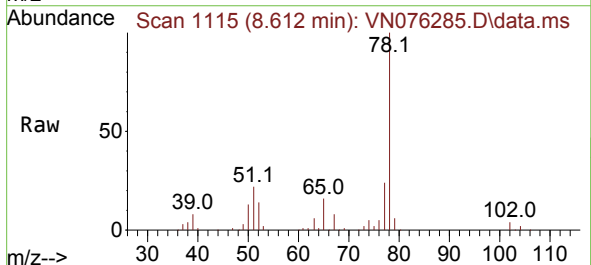
Acq: 17 Jan 2023 19:07

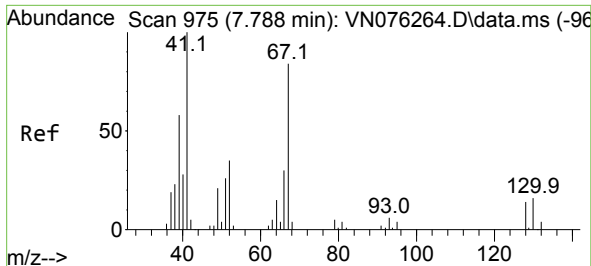
Tgt Ion: 78 Resp: 246523

Ion Ratio Lower Upper

78 100

77 23.6 18.6 28.0

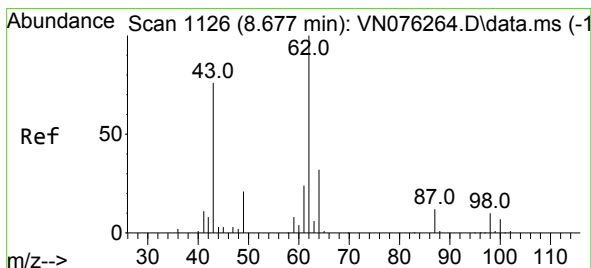
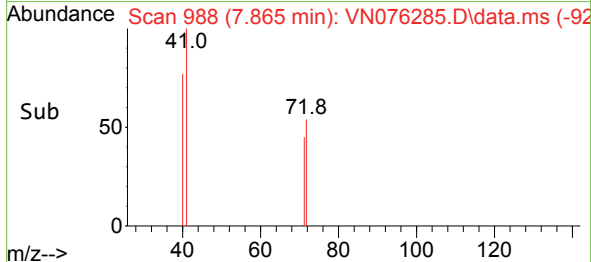
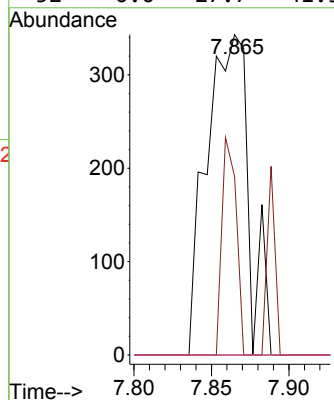
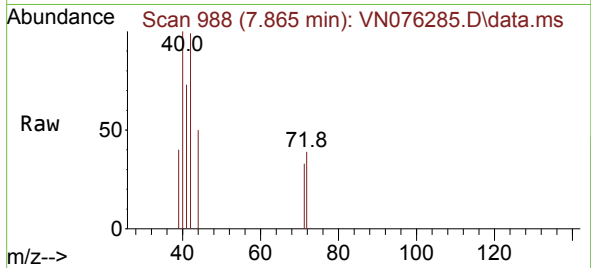




#41
Methacrylonitrile
Concen: 0.304 ug/l
RT: 7.865 min Scan# 91
Delta R.T. 0.077 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

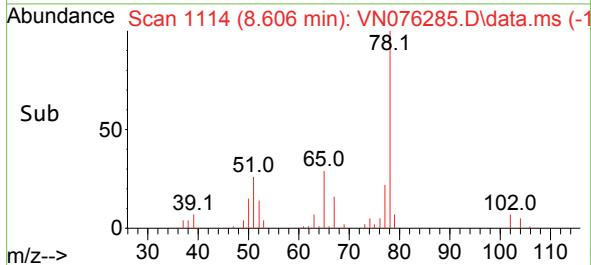
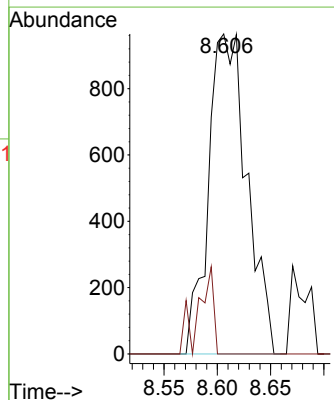
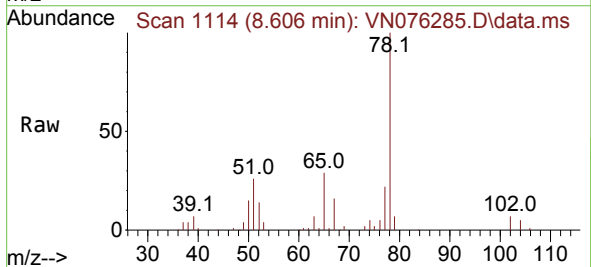
Instrument :
MSVOA_N
ClientSampleId :
WS-2

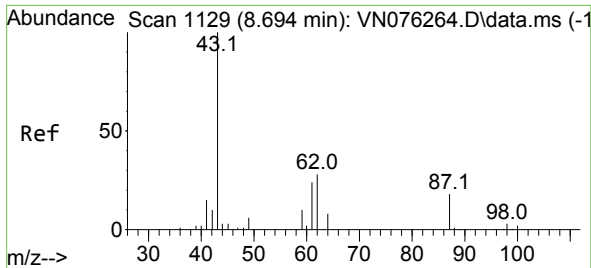
Tgt Ion: 41 Resp: 651
Ion Ratio Lower Upper
41 100
39 23.0 42.4 63.6#
67 0.0 68.8 103.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 0.466 ug/l
RT: 8.606 min Scan# 1114
Delta R.T. -0.071 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 62 Resp: 2428
Ion Ratio Lower Upper
62 100
98 10.9 0.0 20.4

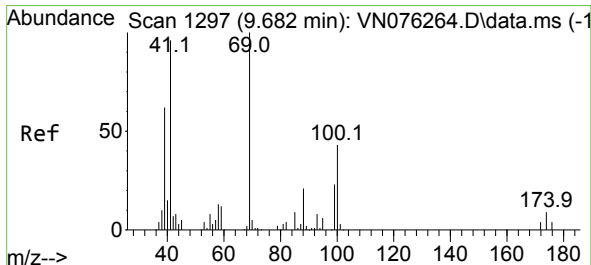
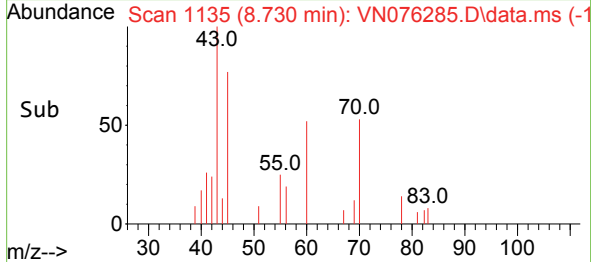
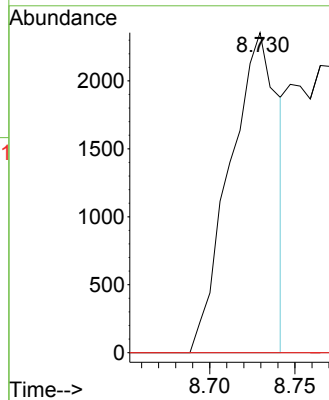
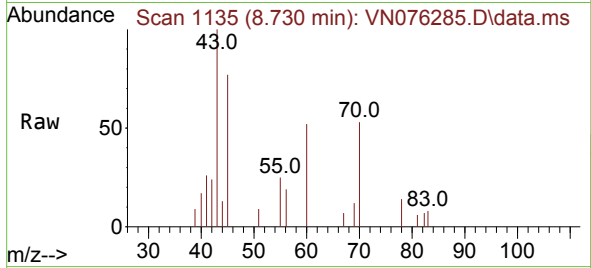




#43
Isopropyl Acetate
Concen: 0.697 ug/l
RT: 8.730 min Scan# 1129
Delta R.T. 0.036 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

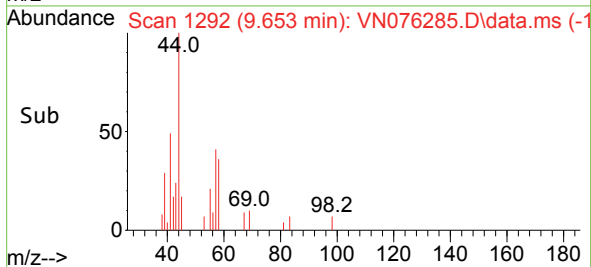
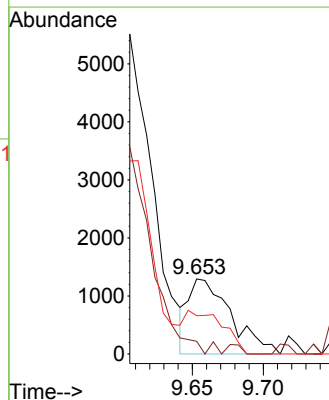
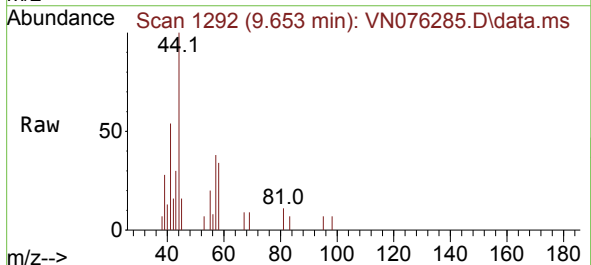
Instrument :
MSVOA_N
ClientSampleId :
WS-2

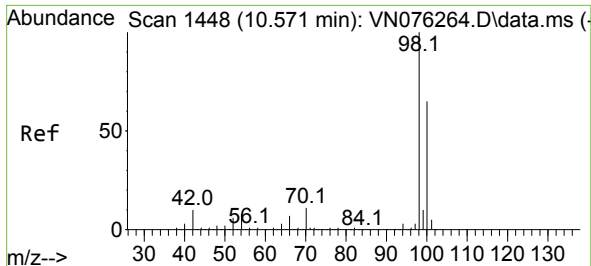
Tgt Ion: 43 Resp: 4635
Ion Ratio Lower Upper
43 100
61 0.0 23.5 35.3#
87 0.0 13.8 20.6#



#48
Methyl methacrylate
Concen: 0.858 ug/l
RT: 9.653 min Scan# 1292
Delta R.T. -0.029 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 41 Resp: 2699
Ion Ratio Lower Upper
41 100
69 0.0 80.8 121.2#
39 50.5 54.4 81.6#

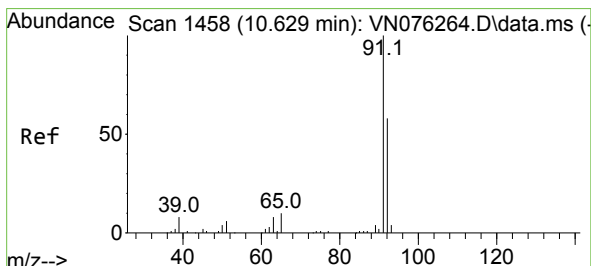
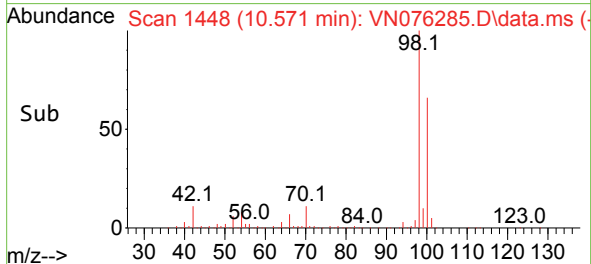
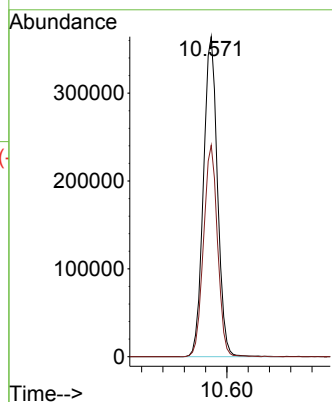
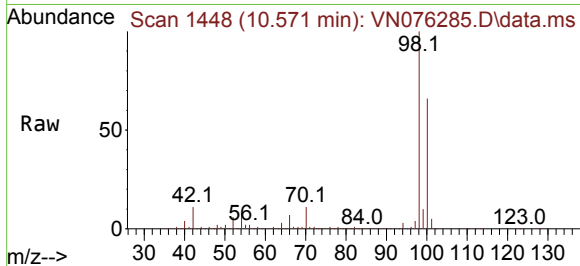




#50
Toluene-d8
Concen: 50.280 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

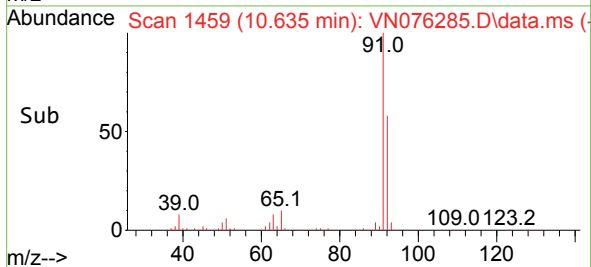
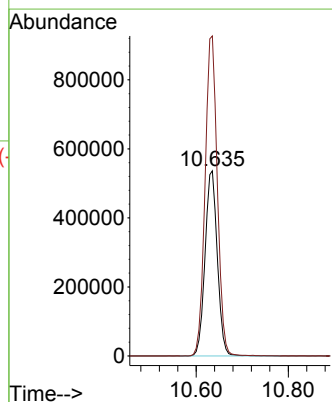
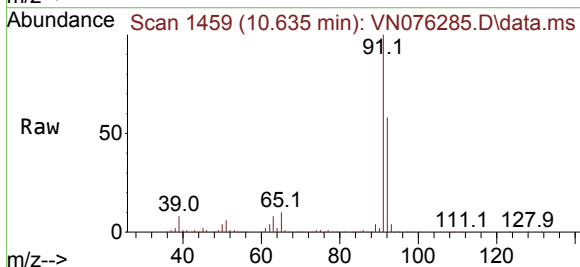
Instrument :
MSVOA_N
ClientSampleId :
WS-2

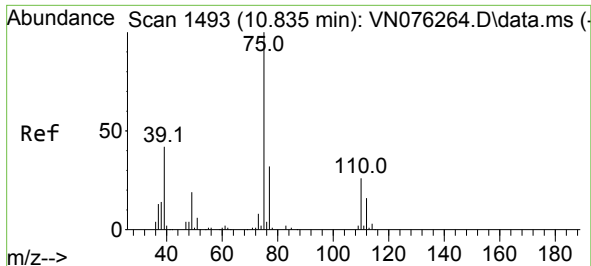
Tgt Ion: 98 Resp: 665521
Ion Ratio Lower Upper
98 100
100 65.9 52.2 78.4



#52
Toluene
Concen: 97.892 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 92 Resp: 996904
Ion Ratio Lower Upper
92 100
91 173.0 136.6 205.0

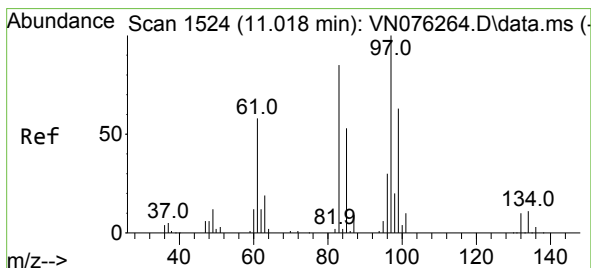
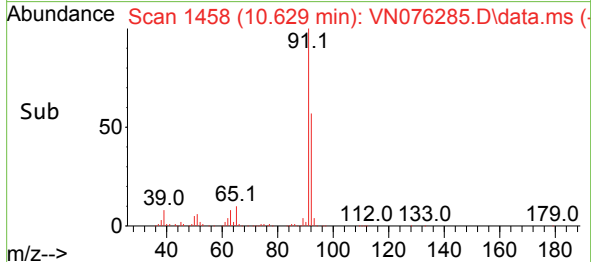
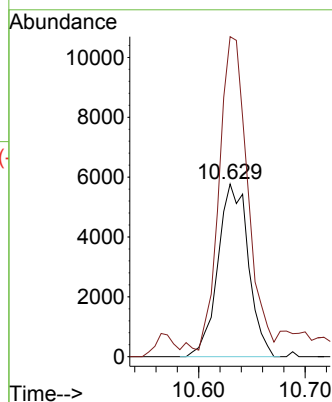
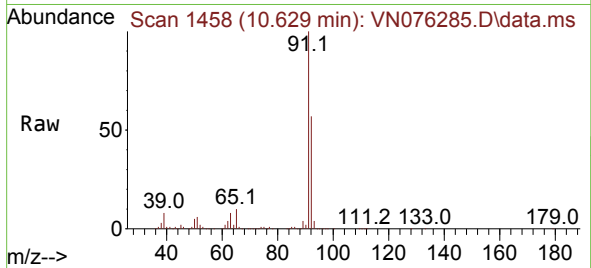




#53
t-1,3-Dichloropropene
Concen: 2.254 ug/l
RT: 10.629 min Scan# 1493
Delta R.T. -0.206 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

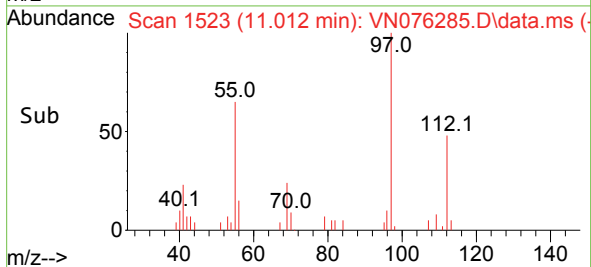
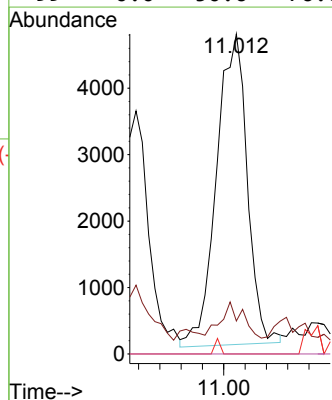
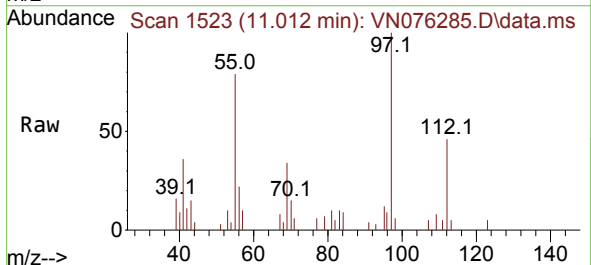
Instrument :
MSVOA_N
ClientSampleId :
WS-2

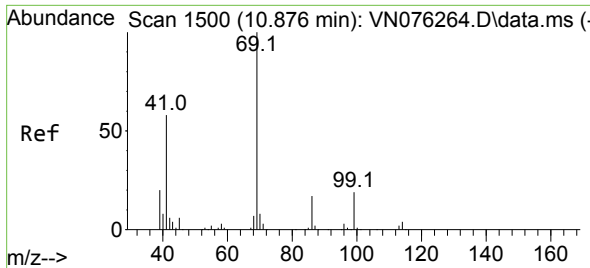
Tgt Ion: 75 Resp: 11470
Ion Ratio Lower Upper
75 100
77 181.2 25.8 38.6#



#55
1,1,2-Trichloroethane
Concen: 2.398 ug/l
RT: 11.012 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 97 Resp: 9336
Ion Ratio Lower Upper
97 100
83 3.3 67.8 101.6#
85 0.0 42.3 63.5#
99 0.0 50.6 76.0#

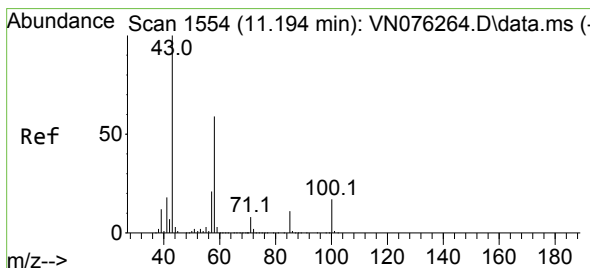
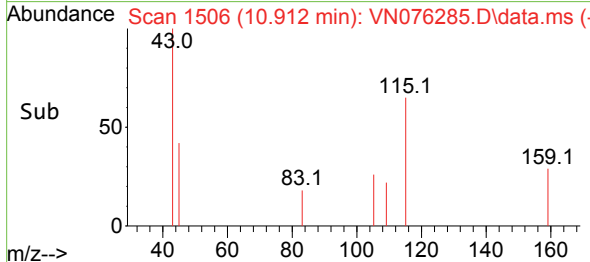
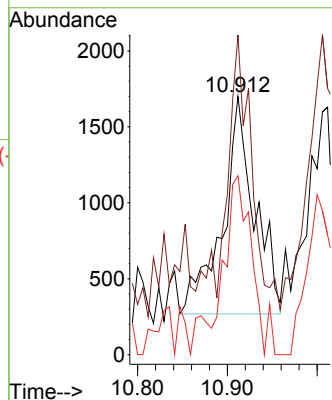
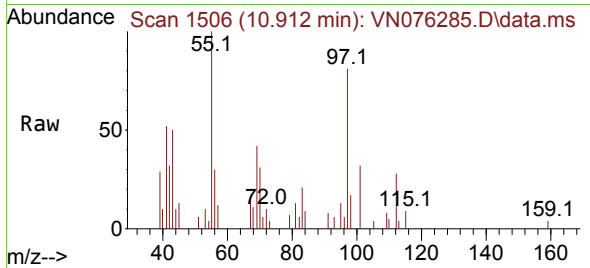




#56
Ethyl methacrylate
Concen: 0.705 ug/l
RT: 10.912 min Scan# 1151
Delta R.T. 0.036 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

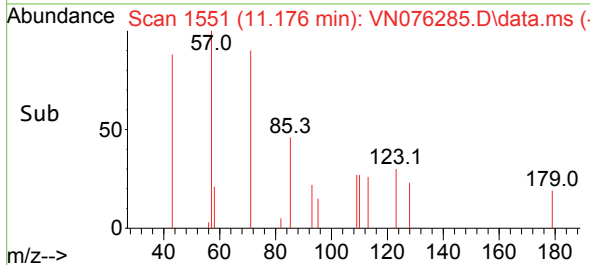
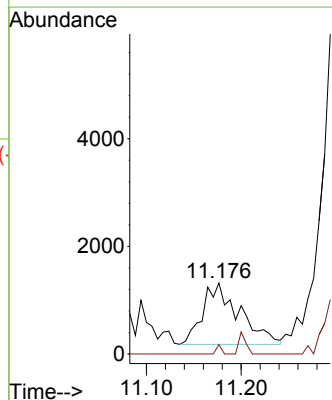
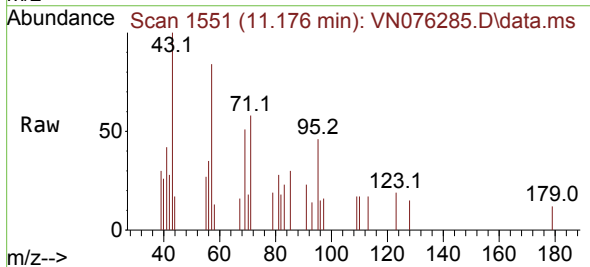
Instrument :
MSVOA_N
ClientSampleId :
WS-2

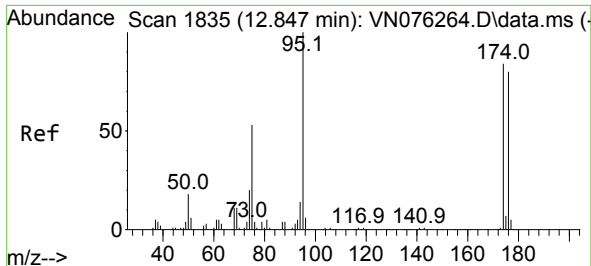
Tgt Ion: 69 Resp: 3544
Ion Ratio Lower Upper
69 100
41 96.8 45.3 67.9#
39 0.0 29.3 43.9#



#59
2-Hexanone
Concen: 1.078 ug/l
RT: 11.176 min Scan# 1551
Delta R.T. -0.018 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 43 Resp: 3048
Ion Ratio Lower Upper
43 100
58 2.0 30.1 90.3#

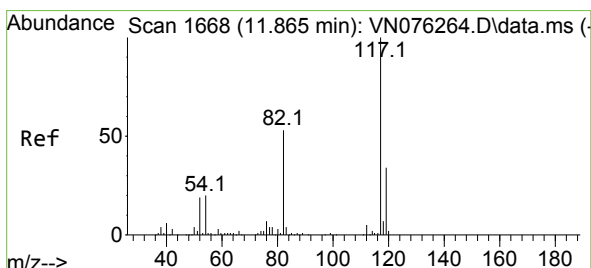
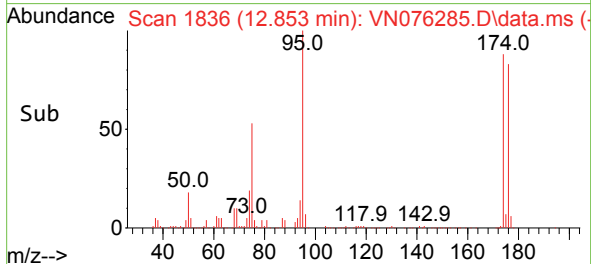
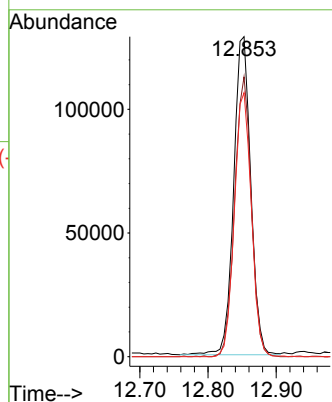
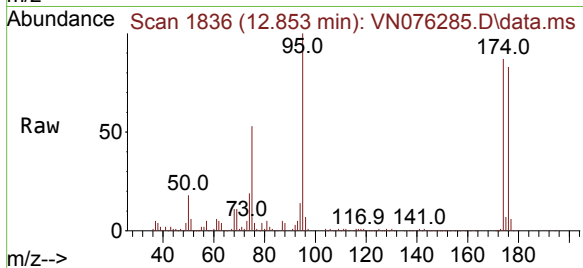




#62
4-Bromofluorobenzene
Concen: 51.838 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

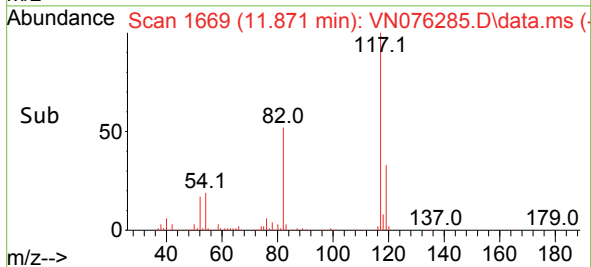
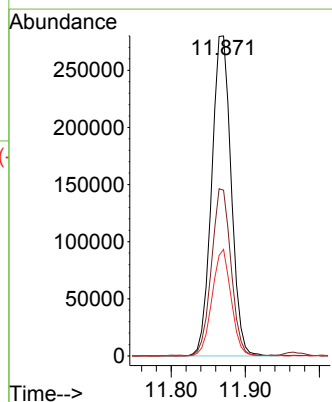
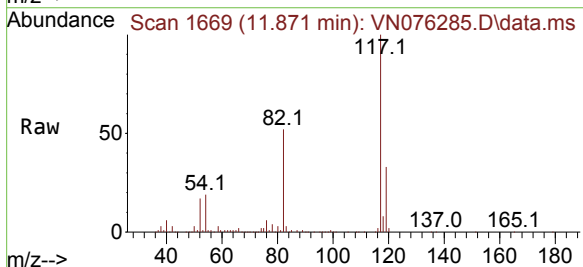
Instrument :
MSVOA_N
ClientSampleId :
WS-2

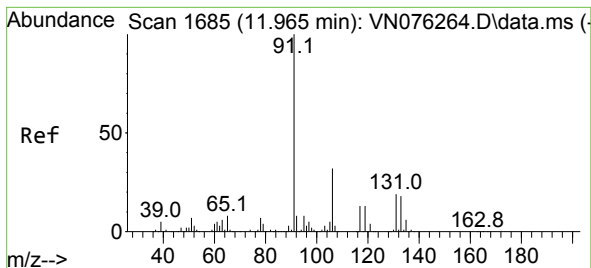
Tgt Ion: 95 Resp: 223993
Ion Ratio Lower Upper
95 100
174 86.0 0.0 174.6
176 82.5 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 117 Resp: 512941
Ion Ratio Lower Upper
117 100
82 51.6 42.2 63.2
119 33.3 26.9 40.3





#67

Ethyl Benzene

Concen: 81.940 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076285.D

Acq: 17 Jan 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

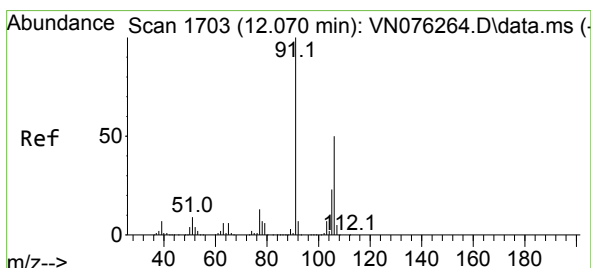
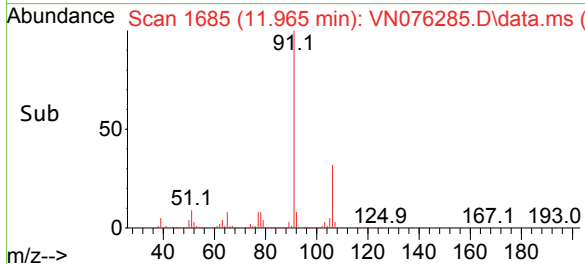
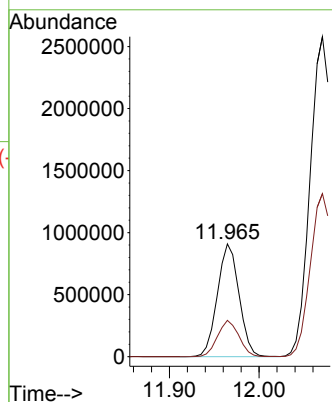
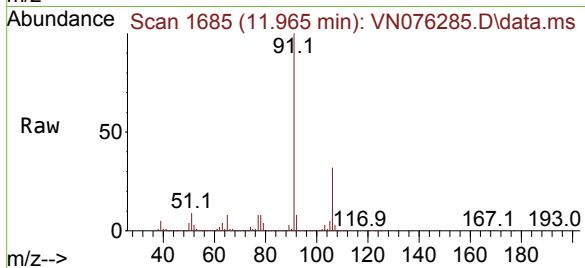
WS-2

Tgt Ion: 91 Resp: 1520597

Ion Ratio Lower Upper

91 100

106 32.2 25.5 38.3



#68

m/p-Xylenes

Concen: 323.135 ug/l

RT: 12.071 min Scan# 1703

Delta R.T. 0.001 min

Lab File: VN076285.D

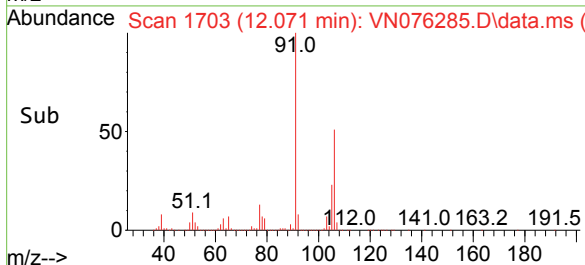
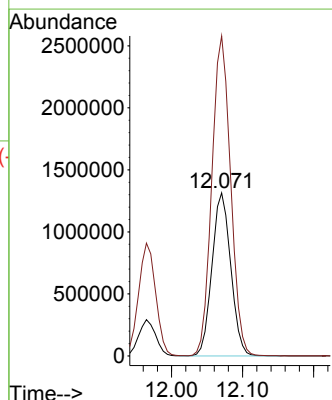
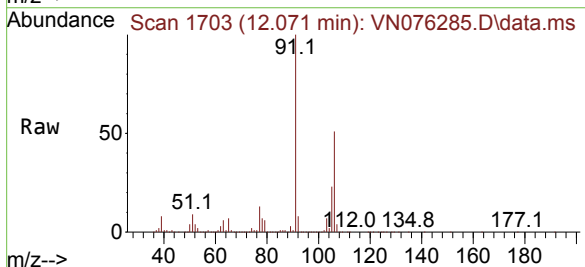
Acq: 17 Jan 2023 19:07

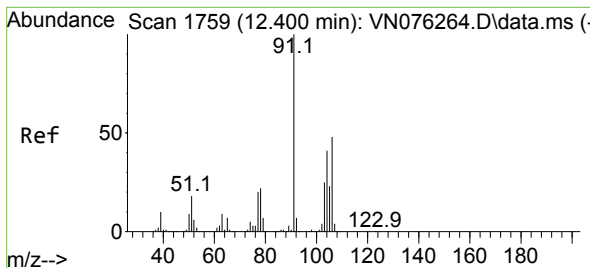
Tgt Ion:106 Resp: 2404533

Ion Ratio Lower Upper

106 100

91 196.7 157.5 236.3

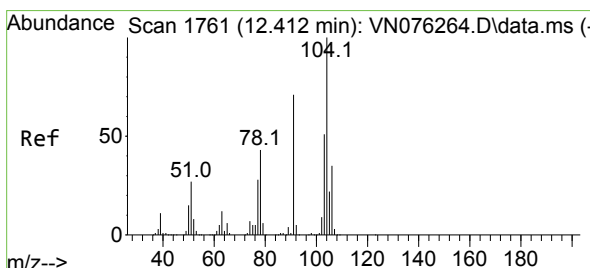
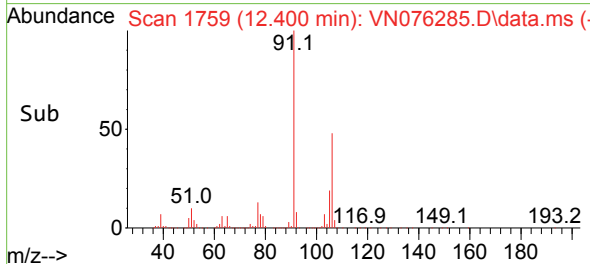
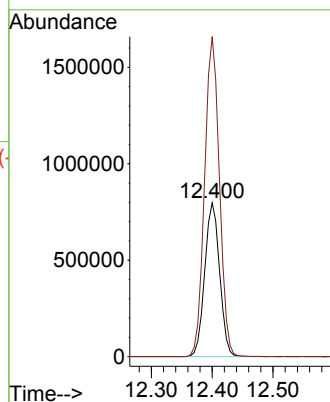
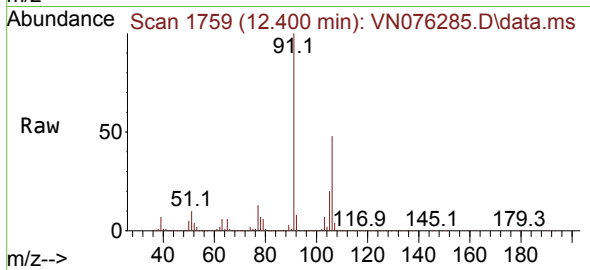




#69
o-Xylene
Concen: 185.227 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

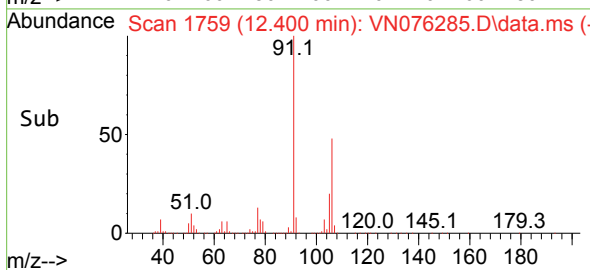
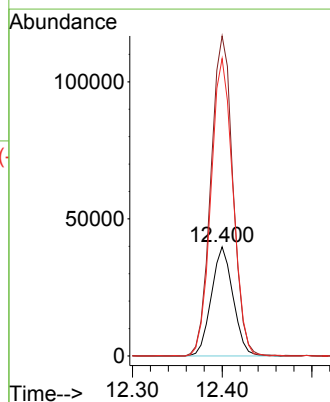
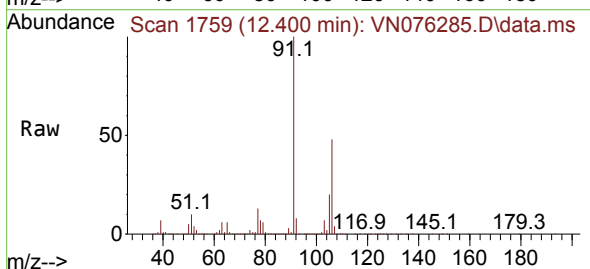
Instrument :
MSVOA_N
ClientSampleId :
WS-2

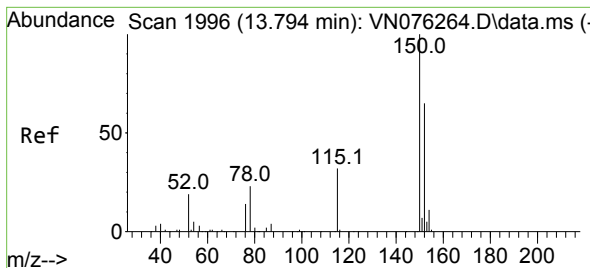
Tgt Ion:106 Resp: 1353568
Ion Ratio Lower Upper
106 100
91 206.9 103.2 309.4



#70
Styrene
Concen: 5.723 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion:104 Resp: 66773
Ion Ratio Lower Upper
104 100
78 297.9 37.4 56.0#
103 276.4 44.2 66.2#

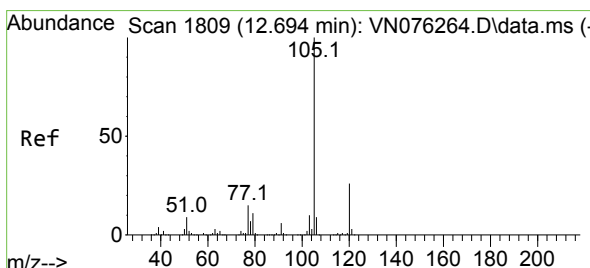
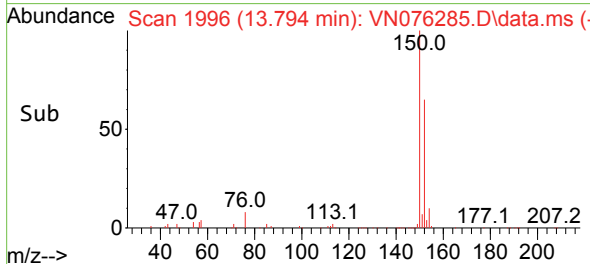
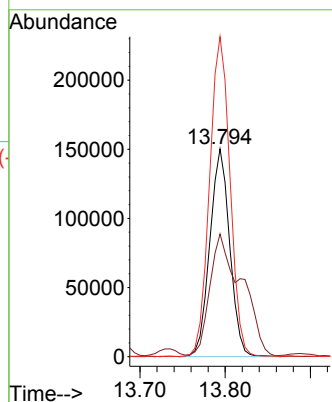
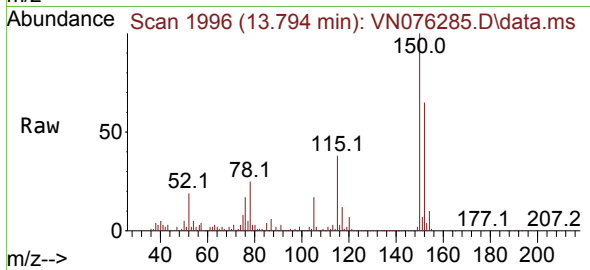




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

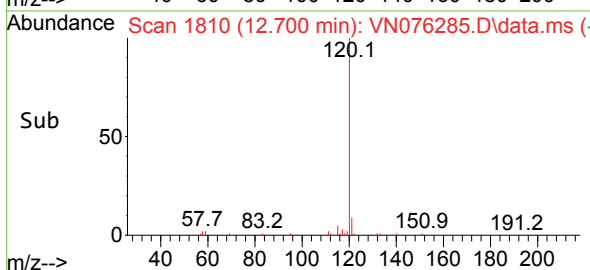
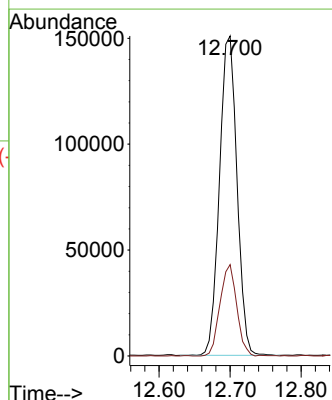
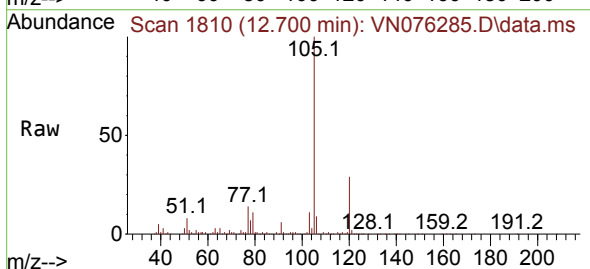
Instrument :
MSVOA_N
ClientSampleId :
WS-2

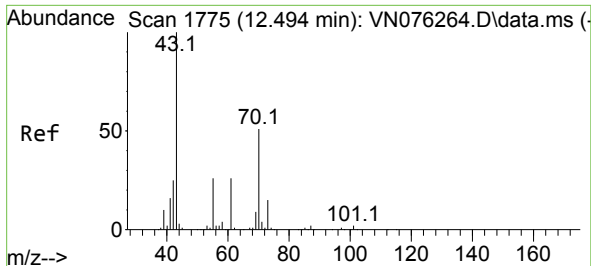
Tgt Ion:152 Resp: 243978
Ion Ratio Lower Upper
152 100
115 92.7 29.6 88.9#
150 158.2 0.0 351.4



#73
Isopropylbenzene
Concen: 13.614 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion:105 Resp: 256955
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.1

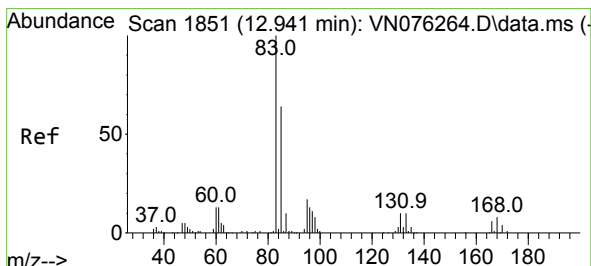
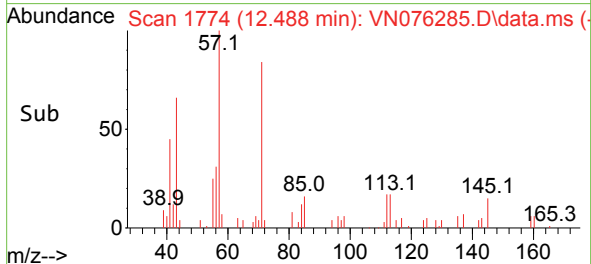
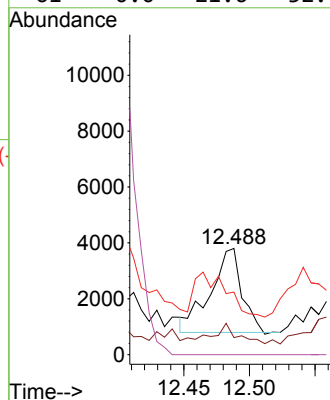
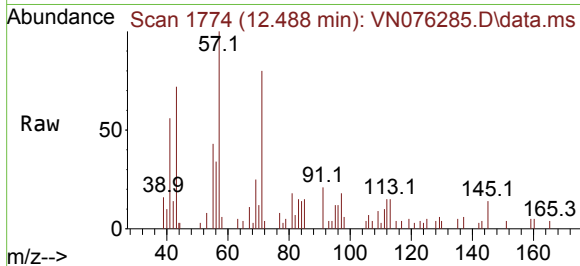




#74
N-amy1 acetate
Concen: 0.918 ug/l
RT: 12.488 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

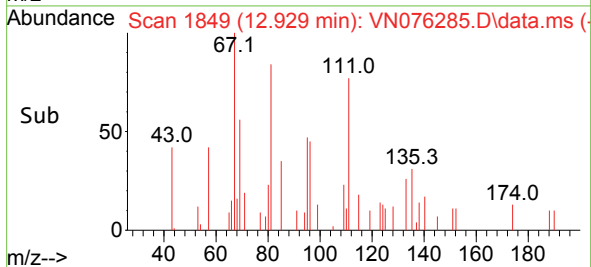
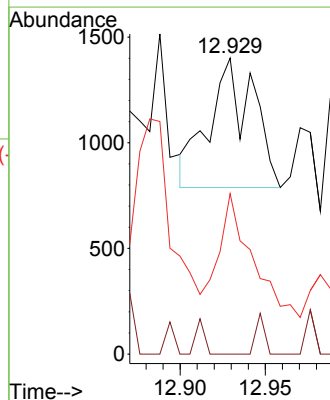
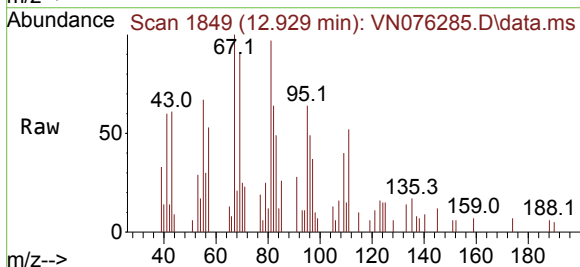
Instrument :
MSVOA_N
ClientSampleId :
WS-2

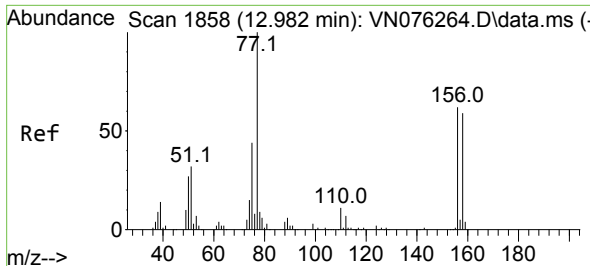
Tgt Ion: 43	Resp: 4986
Ion Ratio	Lower Upper
43 100	
70 16.8	41.2 61.8#
55 0.0	21.0 31.6#
61 0.0	21.6 32.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.202 ug/l
RT: 12.929 min Scan# 1849
Delta R.T. -0.012 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 83	Resp: 1094
Ion Ratio	Lower Upper
83 100	
131 6.2	5.5 16.4
85 71.9	31.7 95.1

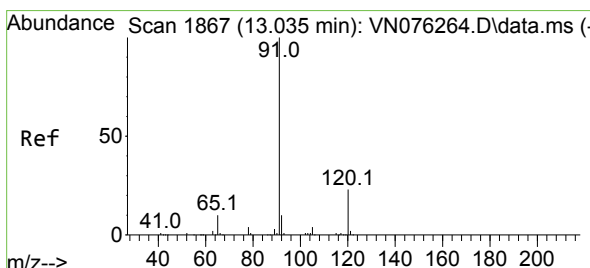
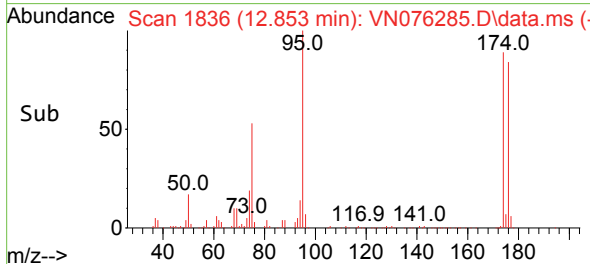
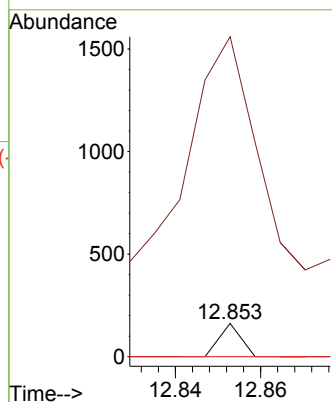
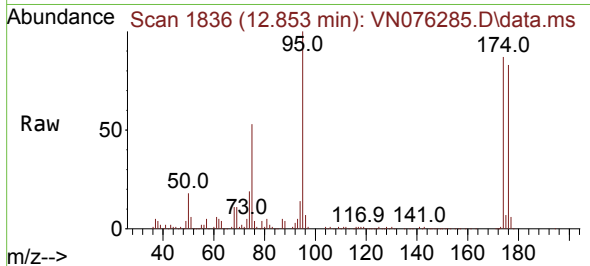




#77
Bromobenzene
Concen: Below Cal
RT: 12.853 min Scan# 1836
Delta R.T. -0.129 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

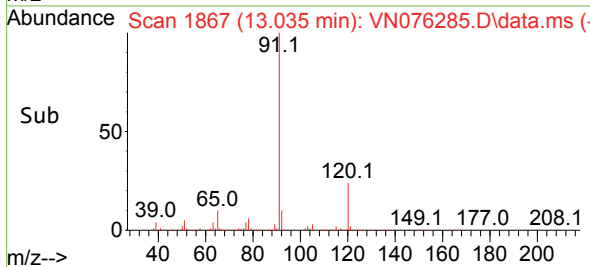
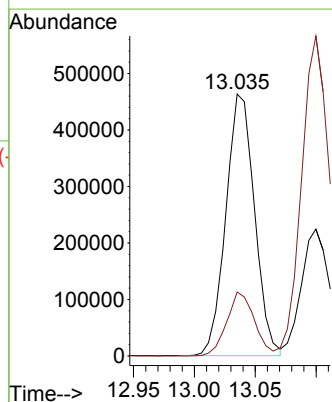
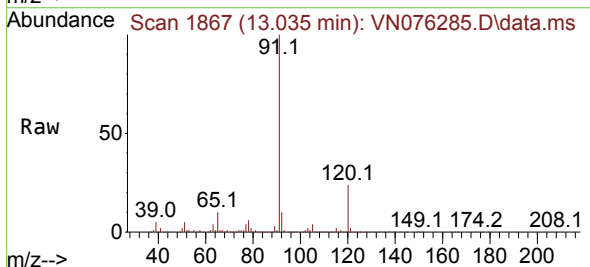
Instrument :
MSVOA_N
ClientSampleId :
WS-2

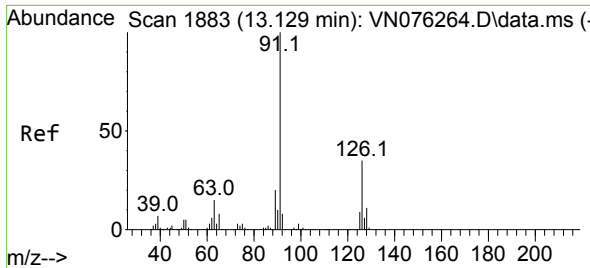
Tgt Ion:156 Resp: 57
Ion Ratio Lower Upper
156 100
77 0.0 93.4 280.2#
158 0.0 48.4 145.2#



#78
n-propylbenzene
Concen: 35.657 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 91 Resp: 759373
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5

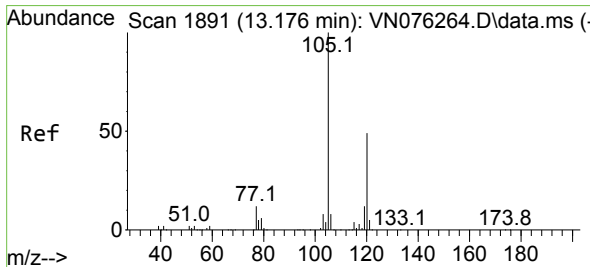
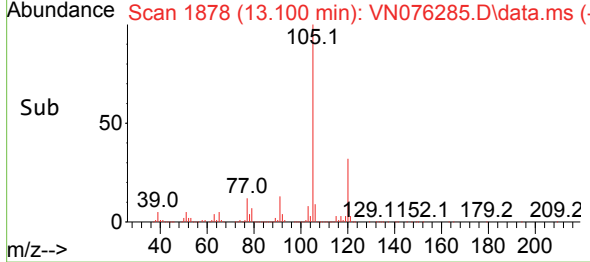
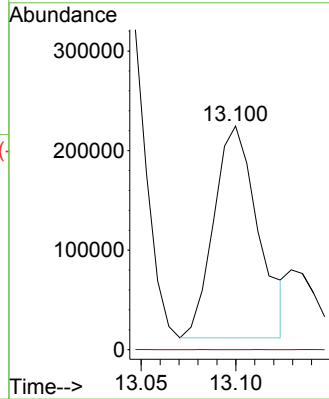
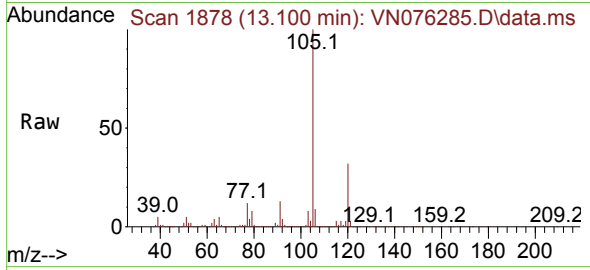




#79
2-Chlorotoluene
Concen: 26.545 ug/l
RT: 13.100 min Scan# 1883
Delta R.T. -0.029 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

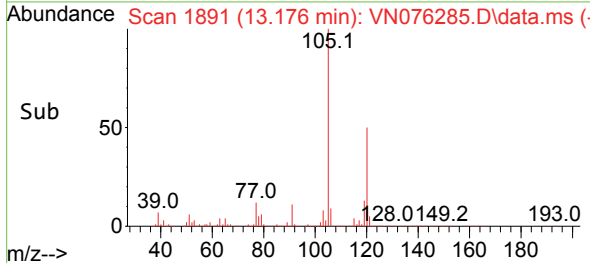
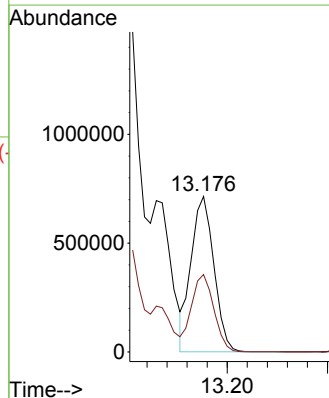
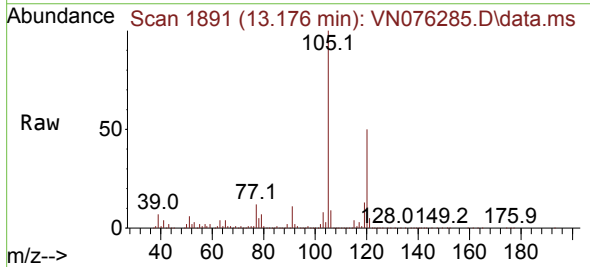
Instrument :
MSVOA_N
ClientSampleId :
WS-2

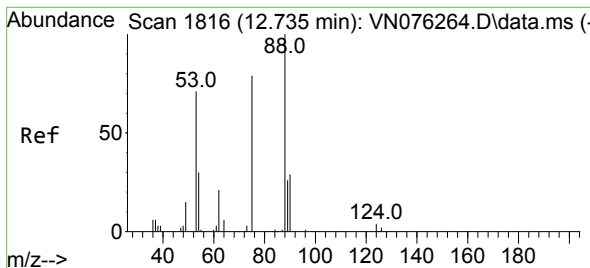
Tgt Ion: 91 Resp: 346893
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.2#



#80
1,3,5-Trimethylbenzene
Concen: 71.366 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 105 Resp: 1128440
Ion Ratio Lower Upper
105 100
120 49.2 25.0 75.0

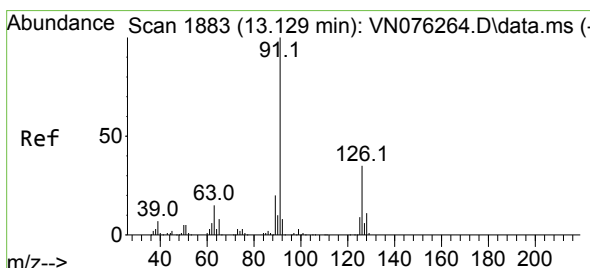
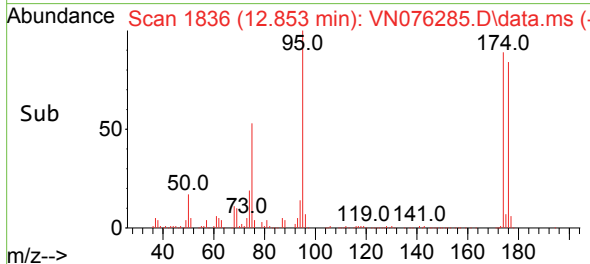
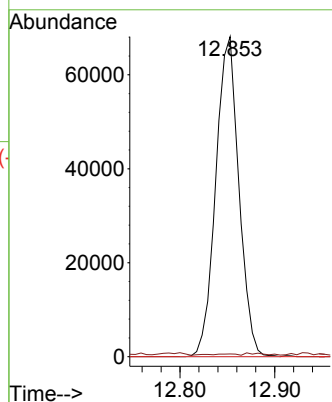
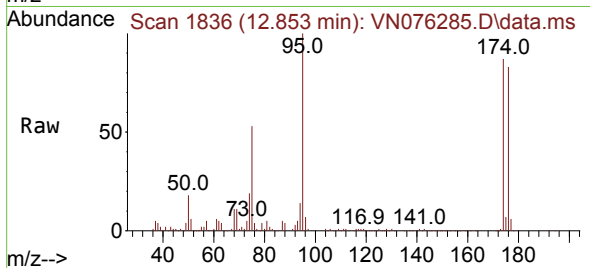




#81
trans-1,4-Dichloro-2-butene
Concen: 78.662 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

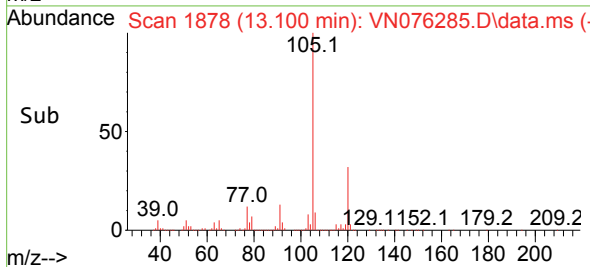
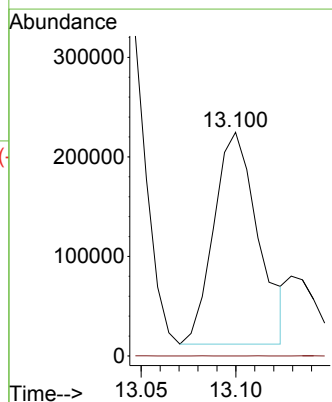
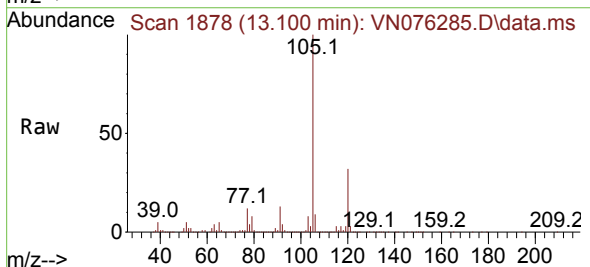
Instrument :
MSVOA_N
ClientSampleId :
WS-2

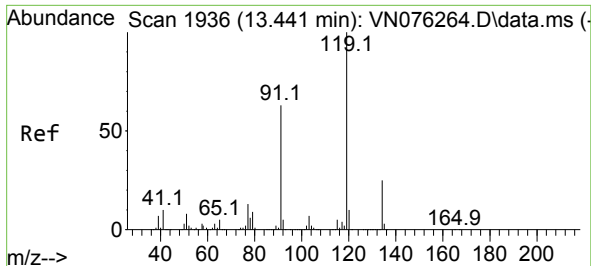
Tgt Ion: 75 Resp: 115347
Ion Ratio Lower Upper
75 100
53 0.4 75.8 113.8#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 26.545 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.029 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 91 Resp: 346893
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.2#

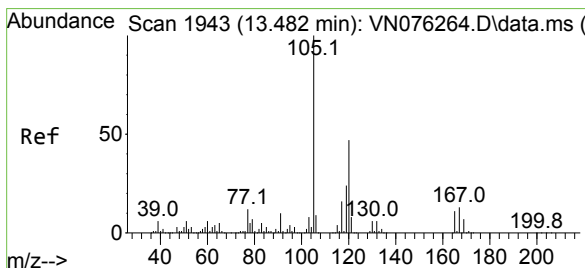
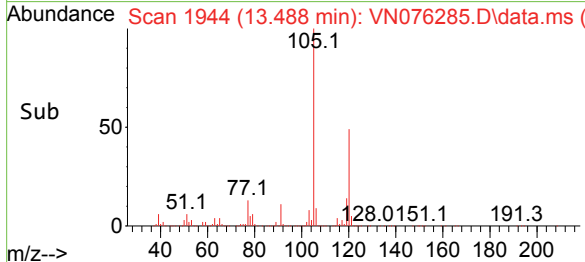
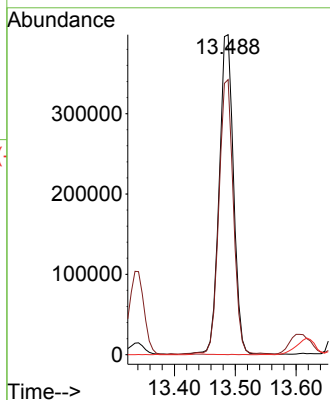
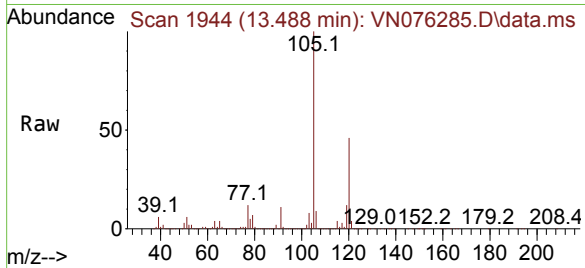




#83
 tert-Butylbenzene
 Concen: 46.299 ug/l
 RT: 13.488 min Scan# 1936
 Delta R.T. 0.047 min
 Lab File: VN076285.D
 Acq: 17 Jan 2023 19:07

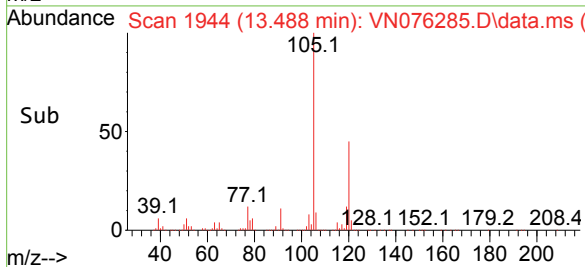
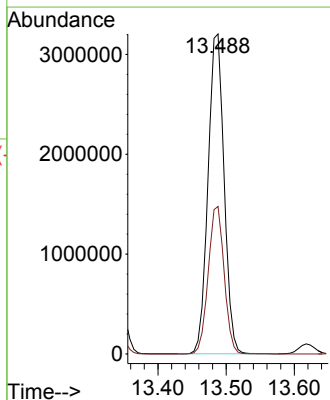
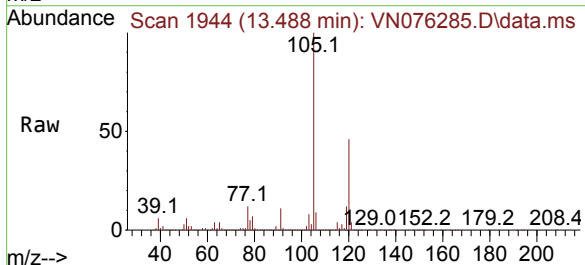
Instrument :
 MSVOA_N
 ClientSampleId :
 WS-2

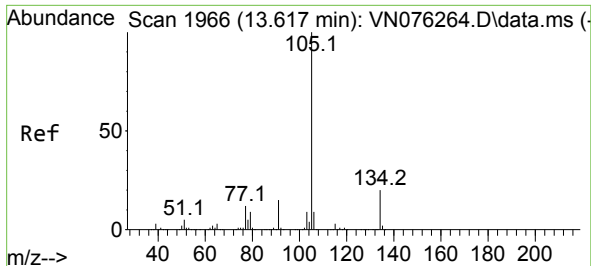
Tgt Ion:119 Resp: 651115
 Ion Ratio Lower Upper
 119 100
 91 86.4 32.2 96.6
 134 0.0 13.6 40.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 331.320 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN076285.D
 Acq: 17 Jan 2023 19:07

Tgt Ion:105 Resp: 5253152
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.5

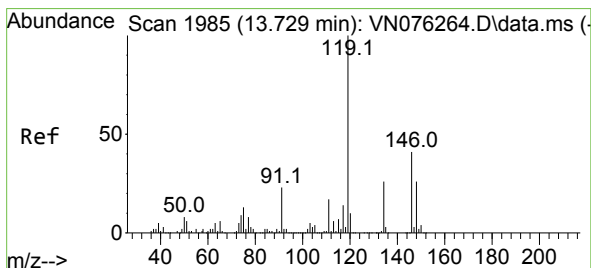
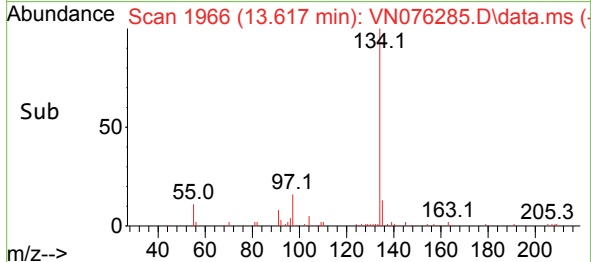
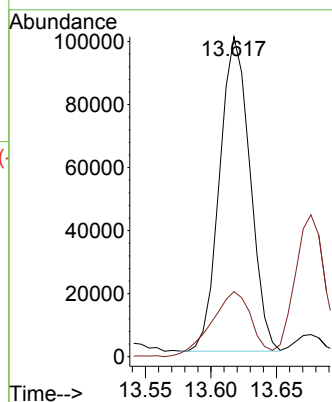
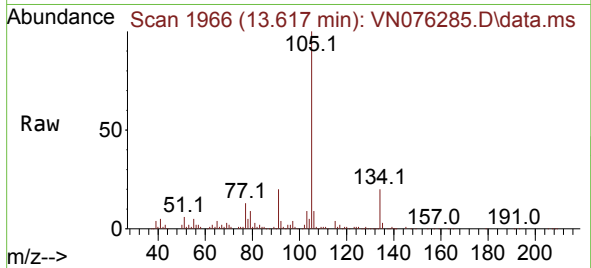




#85
 sec-Butylbenzene
 Concen: 8.253 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076285.D
 Acq: 17 Jan 2023 19:07

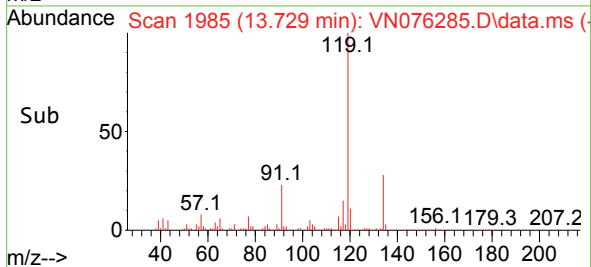
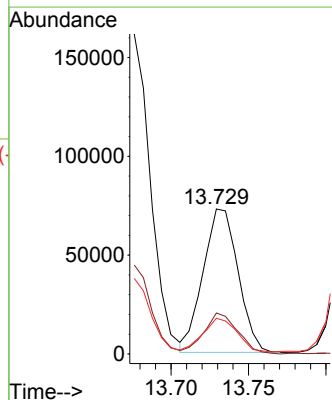
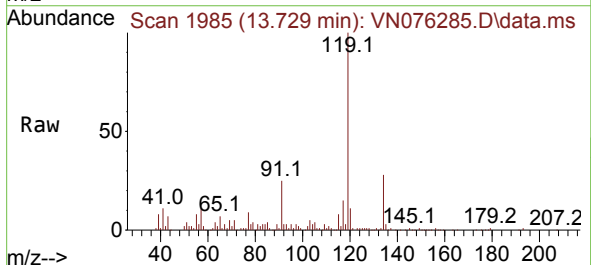
Instrument :
 MSVOA_N
 ClientSampleId :
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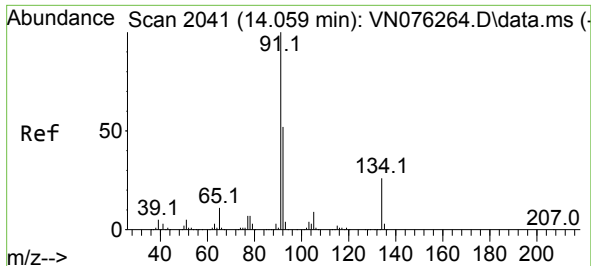
Tgt Ion:105 Resp: 161048
 Ion Ratio Lower Upper
 105 100
 134 27.2 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 7.113 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076285.D
 Acq: 17 Jan 2023 19:07

Tgt Ion:119 Resp: 114133
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.2 39.6
 91 22.8 11.8 35.3

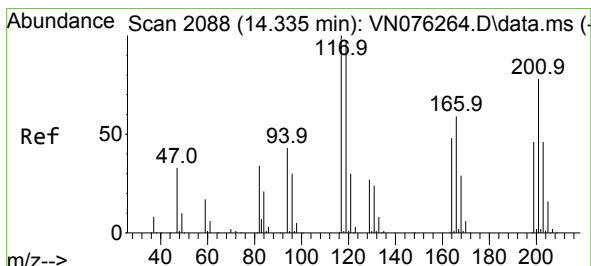
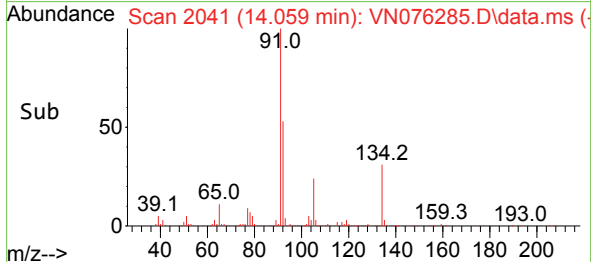
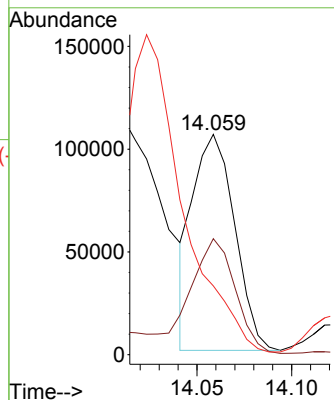
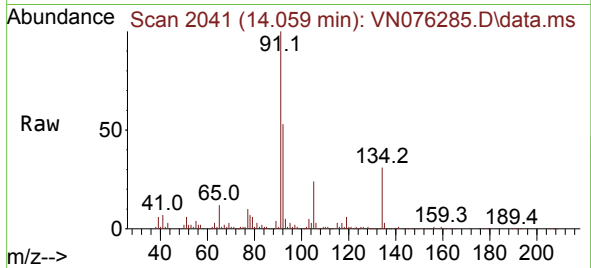




#89
n-Butylbenzene
Concen: 12.669 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

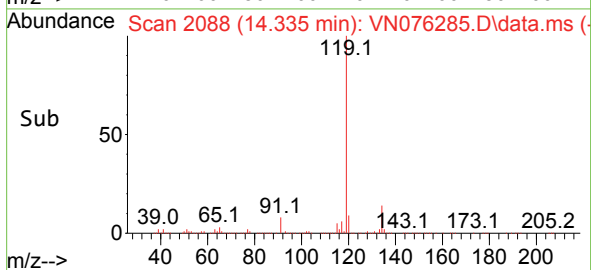
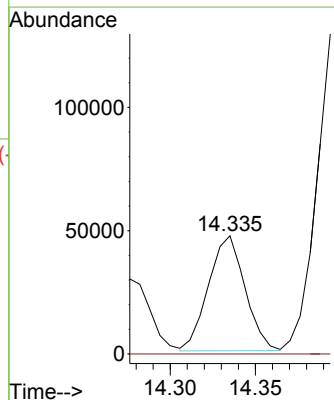
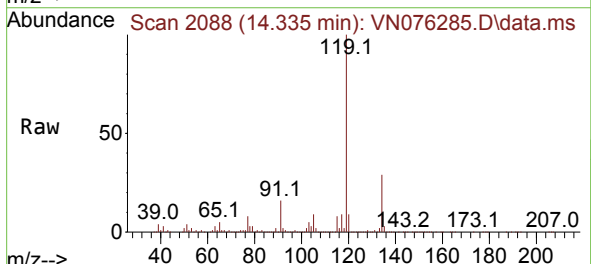
Instrument :
MSVOA_N
ClientSampleId :
WS-2

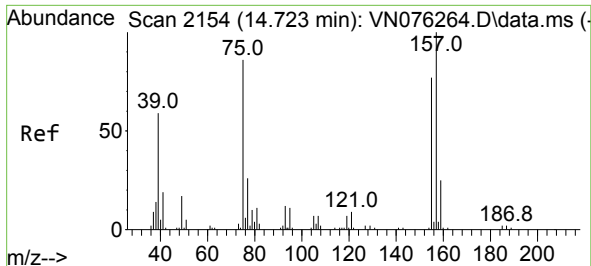
Tgt Ion: 91 Resp: 161383
Ion Ratio Lower Upper
91 100
92 59.4 26.3 78.9
134 0.0 13.2 39.5#



#90
Hexachloroethane
Concen: 25.164 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076285.D
Acq: 17 Jan 2023 19:07

Tgt Ion: 117 Resp: 69694
Ion Ratio Lower Upper
117 100
201 0.0 37.3 111.9#

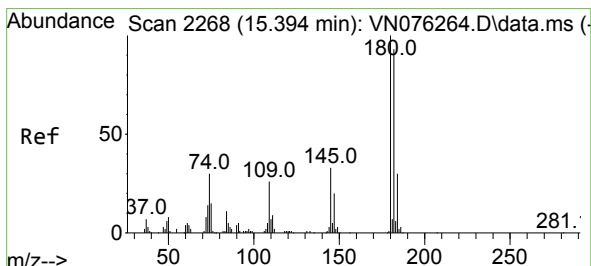
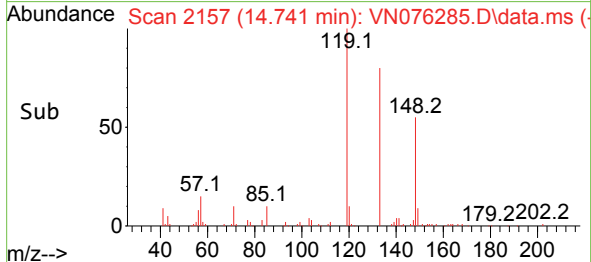
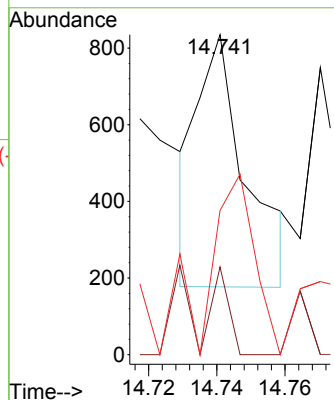
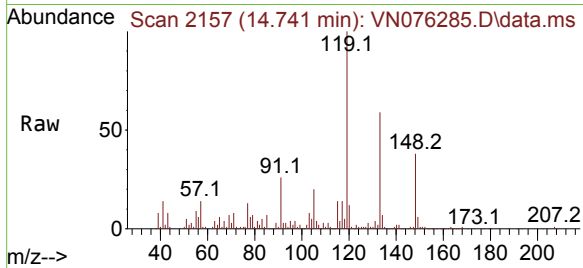




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.691 ug/l
 RT: 14.741 min Scan# 2157
 Delta R.T. 0.018 min
 Lab File: VN076285.D
 Acq: 17 Jan 2023 19:07

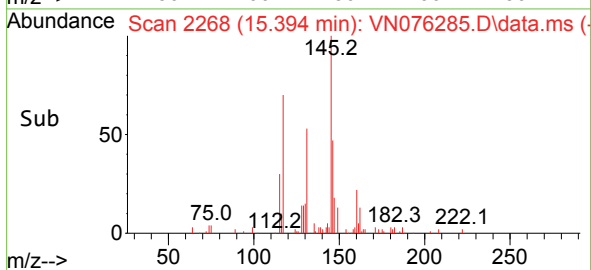
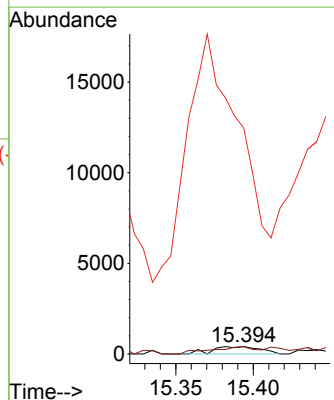
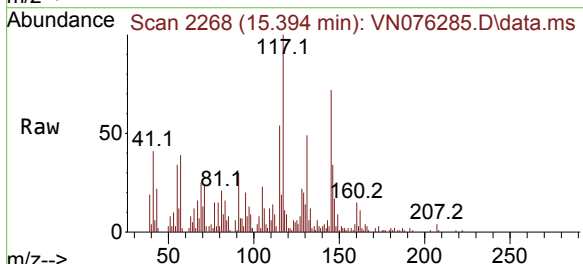
Instrument :
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 ClientSampleId :
 WS-2

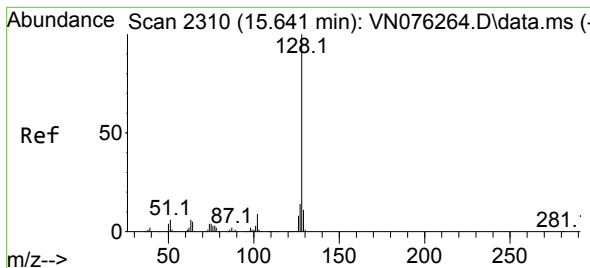
Tgt Ion: 75 Resp: 652
 Ion Ratio Lower Upper
 75 100
 155 25.0 45.0 135.0#
 157 70.4 58.3 174.9



#93
 1,2,4-Trichlorobenzene
 Concen: 1.504 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN076285.D
 Acq: 17 Jan 2023 19:07

Tgt Ion: 180 Resp: 872
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.0 141.2
 145 0.0 15.2 45.5#





#95

Naphthalene

Concen: 80.770 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076285.D

Acq: 17 Jan 2023 19:07

Instrument :

MSVOA_N

ClientSampleId :

WS-2

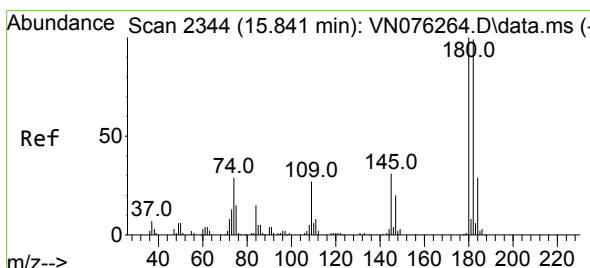
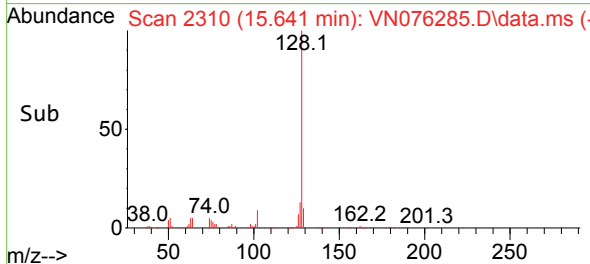
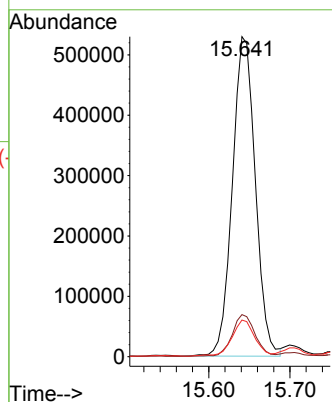
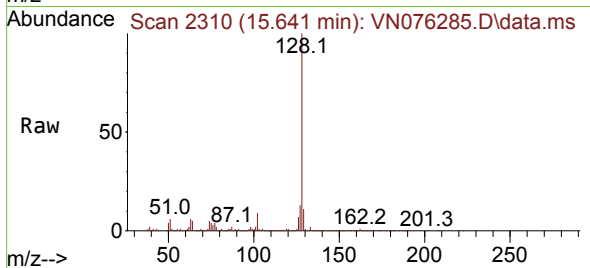
Tgt Ion:128 Resp: 1038781

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.196 ug/l

RT: 15.853 min Scan# 2346

Delta R.T. 0.012 min

Lab File: VN076285.D

Acq: 17 Jan 2023 19:07

Tgt Ion:180 Resp: 175

Ion Ratio Lower Upper

180 100

182 110.3 47.5 142.5

145 0.0 15.9 47.6#

