

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077412.D
 Acq On : 20 Apr 2023 20:00
 Operator : JC\MD
 Sample : 02389-21
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPB-6WC-23-04-17

Quant Time: Apr 21 02:42:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

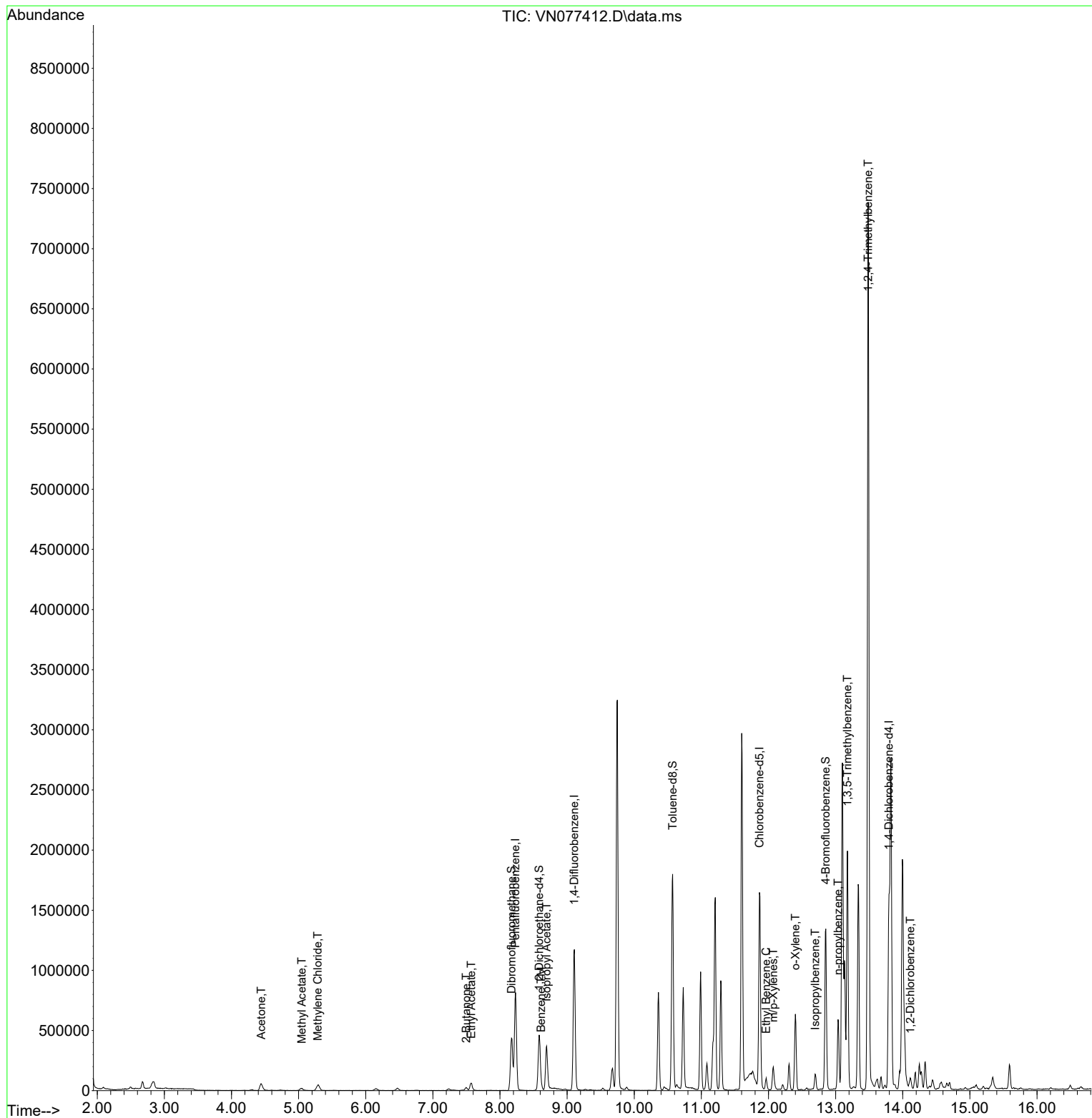
Internal Standards						
1) Pentafluorobenzene	8.230	168	577113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1074747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1000384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	407107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	363373	46.069	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.140%		
35) Dibromofluoromethane	8.172	113	320107	46.526	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.060%		
50) Toluene-d8	10.571	98	1328283	47.957	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.920%		
62) 4-Bromofluorobenzene	12.854	95	485825	52.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.480%		
Target Compounds					Qvalue	
16) Acetone	4.442	43	106672	36.680	ug/l	90
18) Methyl Acetate	5.048	43	37566	3.392	ug/l	93
20) Methylene Chloride	5.284	84	41515	5.055	ug/l #	75
25) 2-Butanone	7.495	43	30219	6.402	ug/l #	73
37) Ethyl Acetate	7.572	43	91988	10.104	ug/l	97
40) Benzene	8.613	78	36644	1.155	ug/l	98
43) Isopropyl Acetate	8.695	43	412060	24.528	ug/l #	91
67) Ethyl Benzene	11.965	91	45795	1.127	ug/l	91
68) m/p-Xylenes	12.071	106	61504	3.851	ug/l	98
69) o-Xylene	12.401	106	188707	11.978	ug/l	99
73) Isopropylbenzene	12.695	105	87927	2.224	ug/l	98
78) n-propylbenzene	13.036	91	475967	10.894	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1113289	35.250	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	4477464	143.502	ug/l	100
91) 1,2-Dichlorobenzene	14.112	146	20763	1.395	ug/l	99

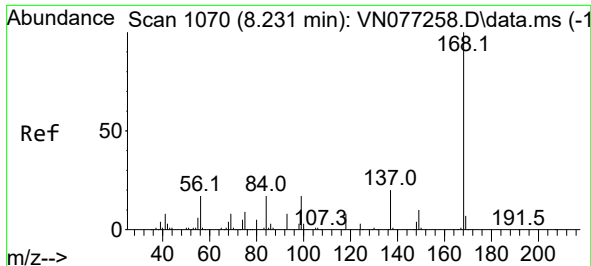
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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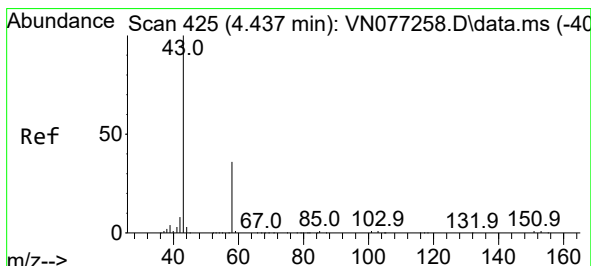
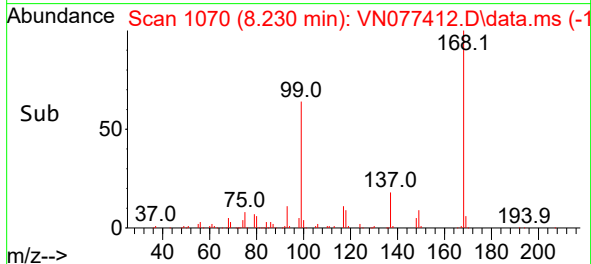
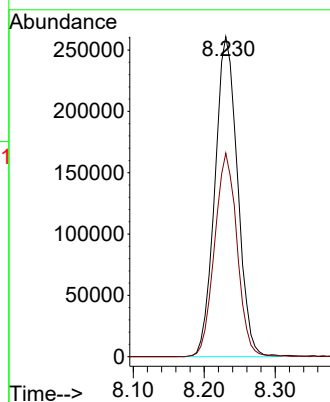
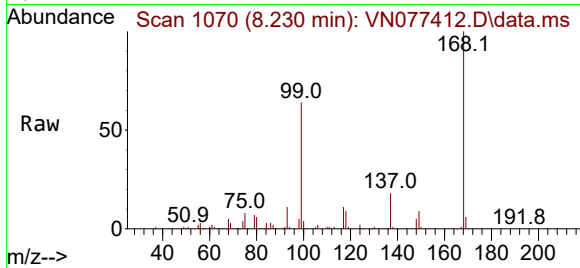




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

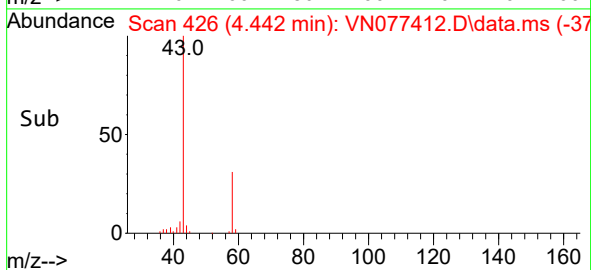
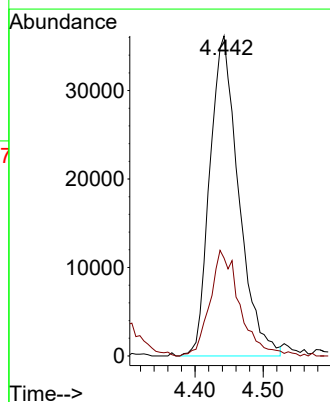
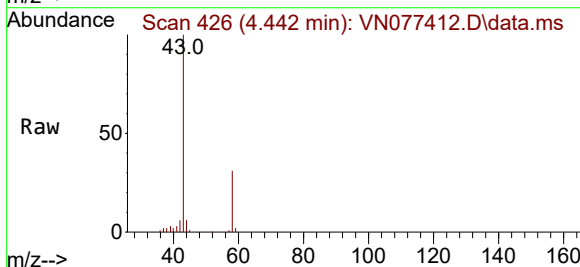
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

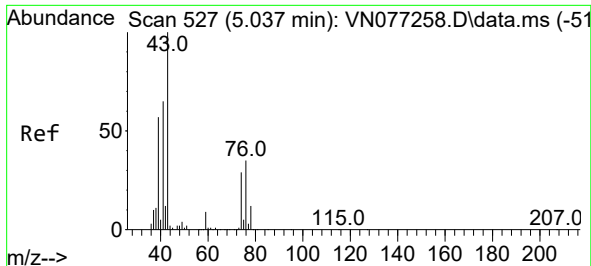
Tgt Ion:168 Resp: 577113
Ion Ratio Lower Upper
168 100
99 63.5 50.6 75.8



#16
Acetone
Concen: 36.680 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.005 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 43 Resp: 106672
Ion Ratio Lower Upper
43 100
58 30.6 29.0 43.6

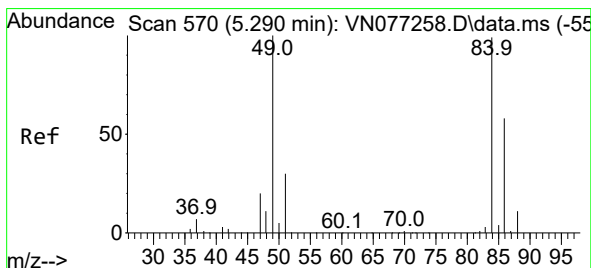
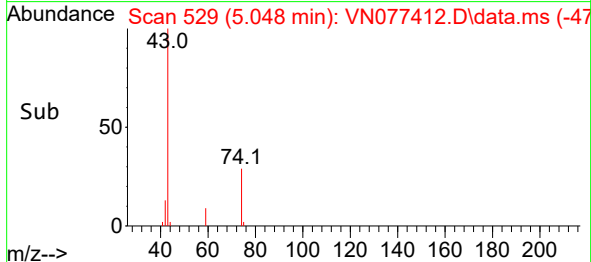
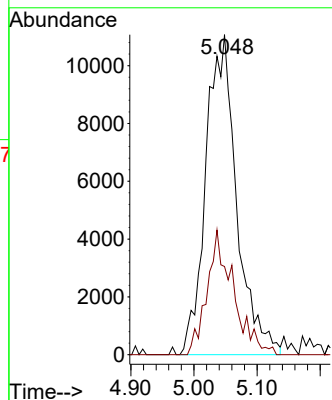
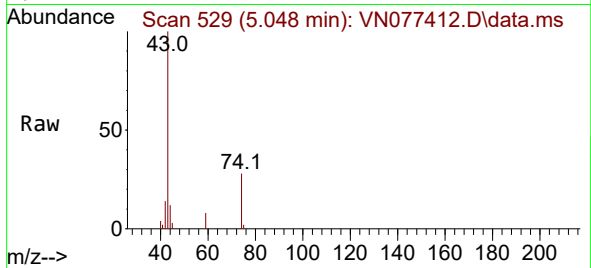




#18
Methyl Acetate
Concen: 3.392 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

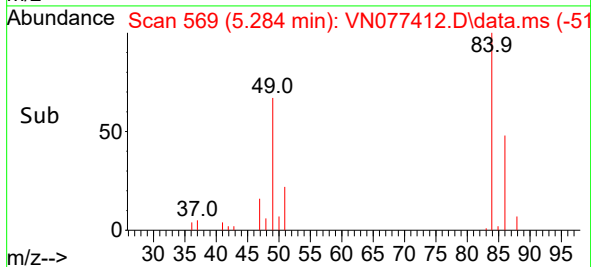
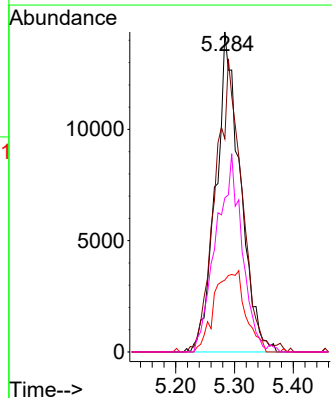
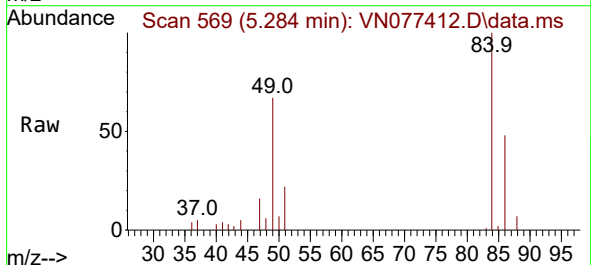
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

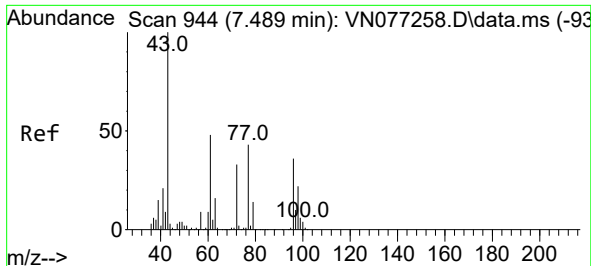
Tgt Ion: 43 Resp: 37566
Ion Ratio Lower Upper
43 100
74 33.3 23.4 35.2



#20
Methylene Chloride
Concen: 5.055 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 84 Resp: 41515
Ion Ratio Lower Upper
84 100
49 66.6 80.6 121.0#
51 22.4 24.4 36.6#
86 48.2 47.0 70.6

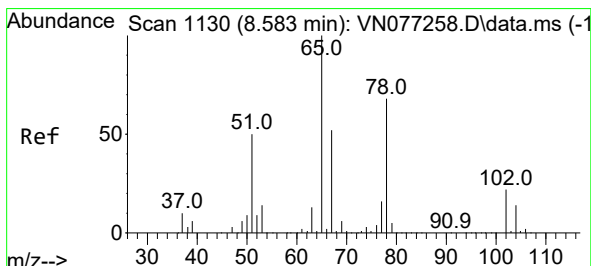
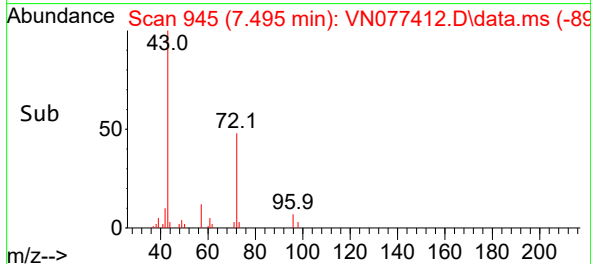
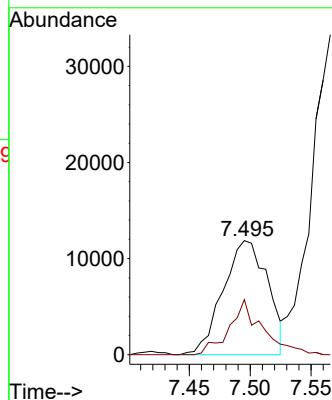
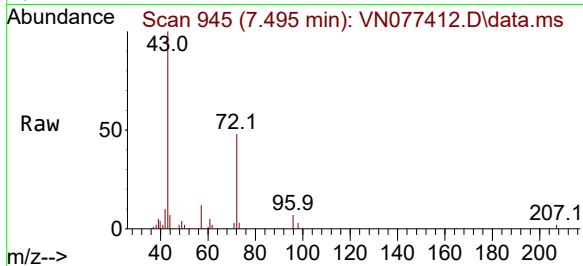




#25
2-Butanone
Concen: 6.402 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

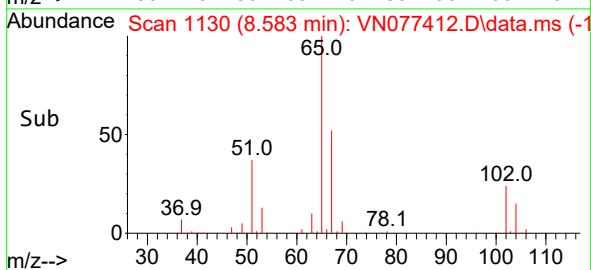
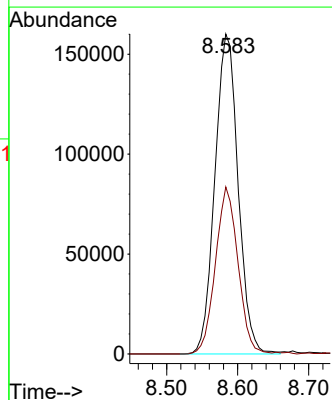
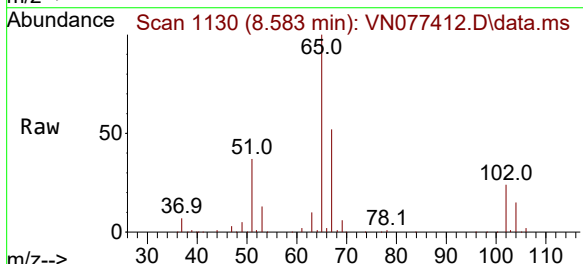
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

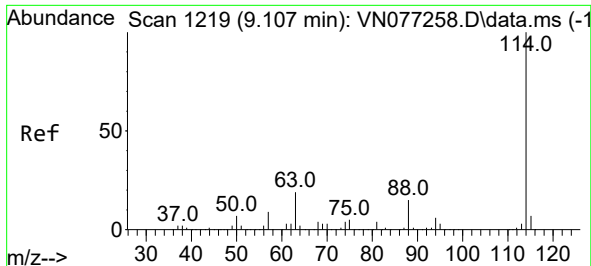
Tgt Ion: 43 Resp: 30219
Ion Ratio Lower Upper
43 100
72 48.3 26.6 39.8#



#33
1,2-Dichloroethane-d4
Concen: 46.069 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 65 Resp: 363373
Ion Ratio Lower Upper
65 100
67 50.6 0.0 108.8

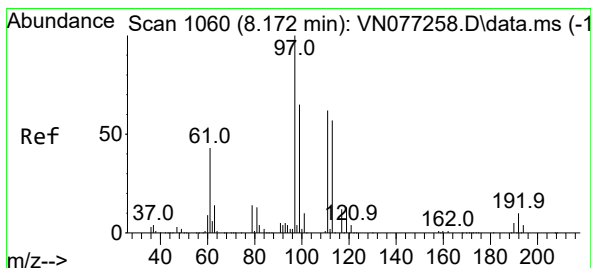
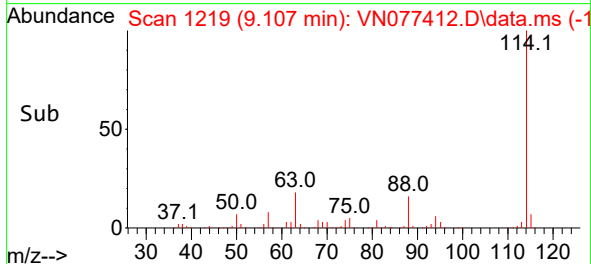
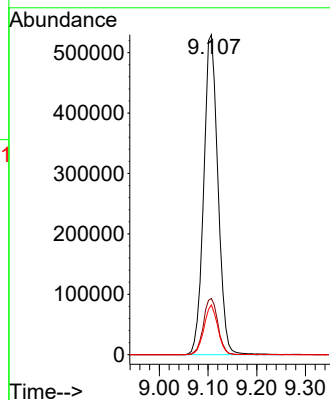
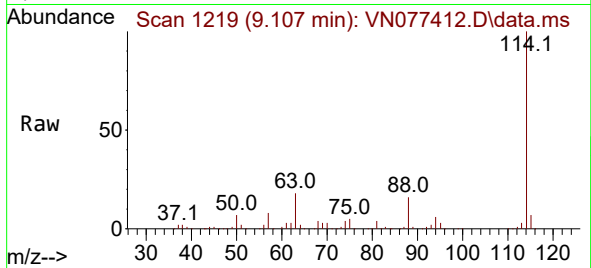




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

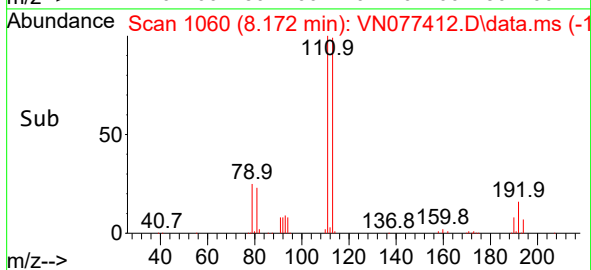
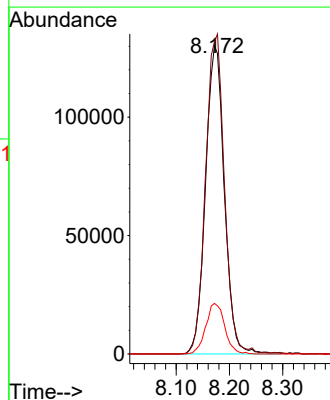
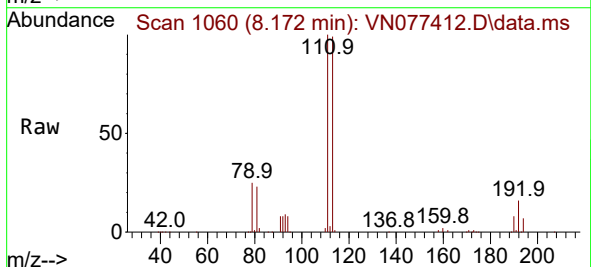
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

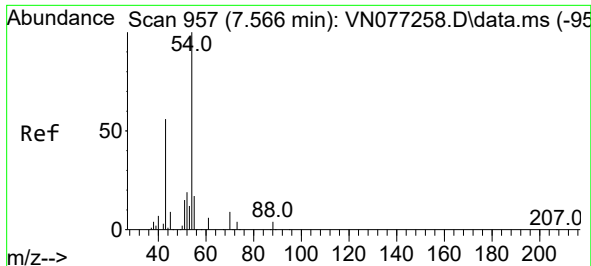
Tgt Ion:114 Resp: 1074747
Ion Ratio Lower Upper
114 100
63 17.5 0.0 37.8
88 15.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.526 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion:113 Resp: 320107
Ion Ratio Lower Upper
113 100
111 103.8 83.4 125.0
192 16.5 13.5 20.3

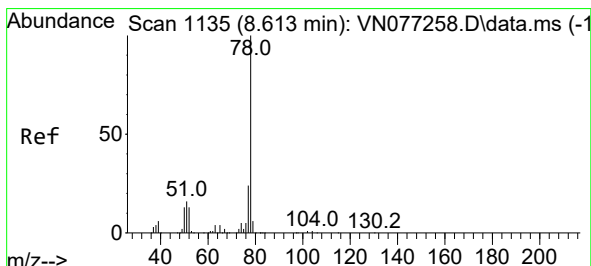
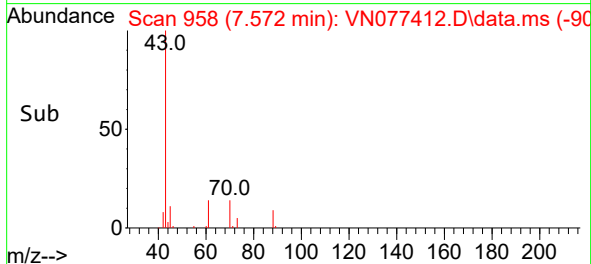
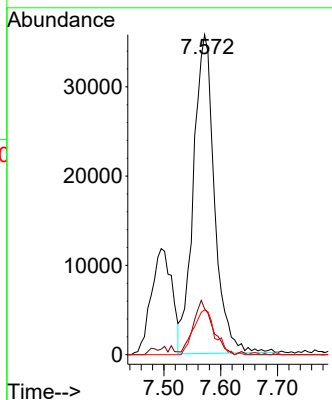
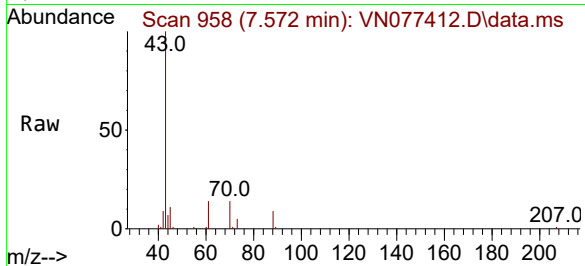




#37
Ethyl Acetate
Concen: 10.104 ug/l
RT: 7.572 min Scan# 919
Delta R.T. 0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

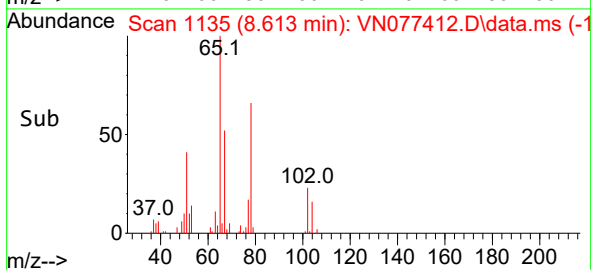
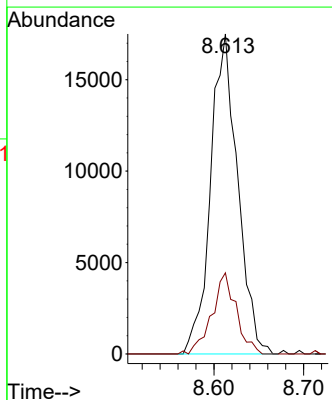
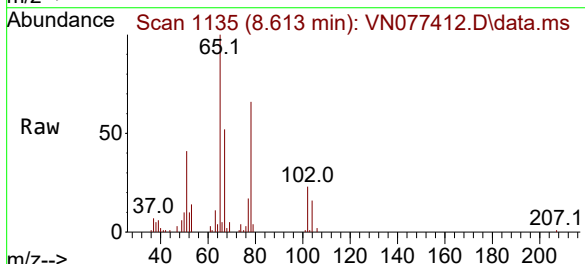
Instrument :
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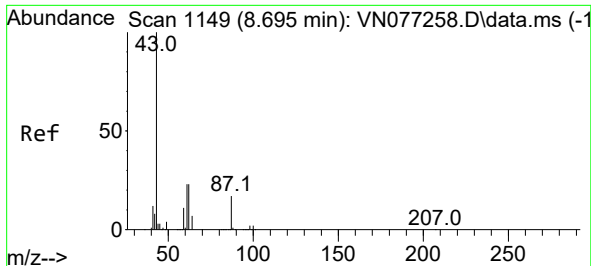
Tgt Ion: 43 Resp: 91988
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.2
70 14.3 10.0 15.0



#40
Benzene
Concen: 1.155 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 78 Resp: 36644
Ion Ratio Lower Upper
78 100
77 25.3 19.5 29.3

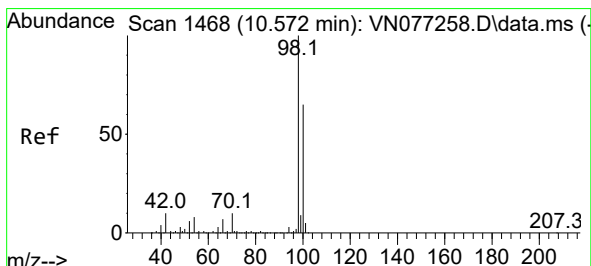
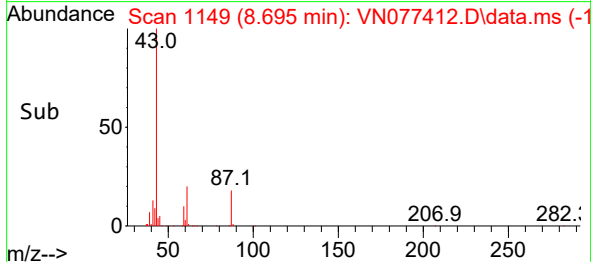
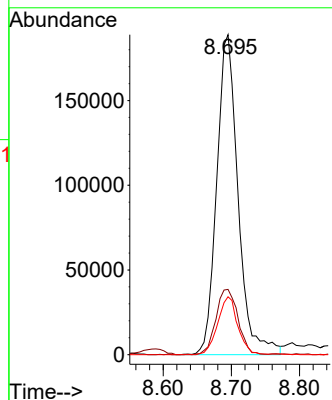
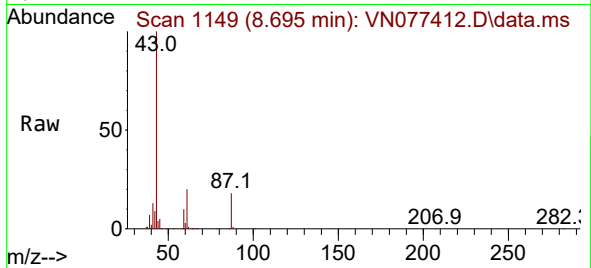




#43
Isopropyl Acetate
Concen: 24.528 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

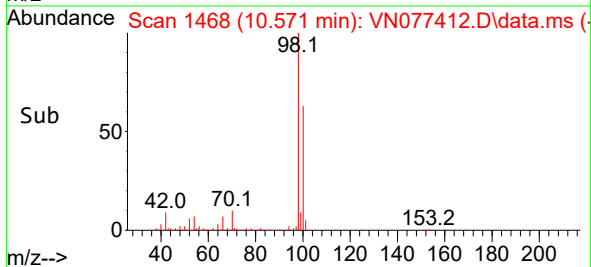
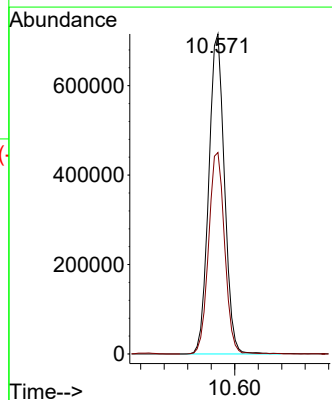
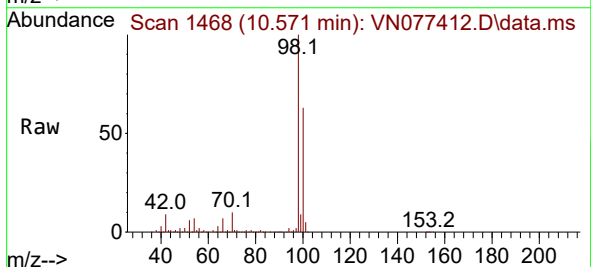
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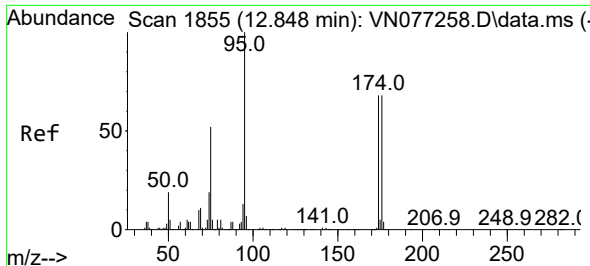
Tgt Ion: 43 Resp: 412060
Ion Ratio Lower Upper
43 100
61 21.2 22.7 34.1#
87 17.0 13.6 20.4



#50
Toluene-d8
Concen: 47.957 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 98 Resp: 1328283
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9

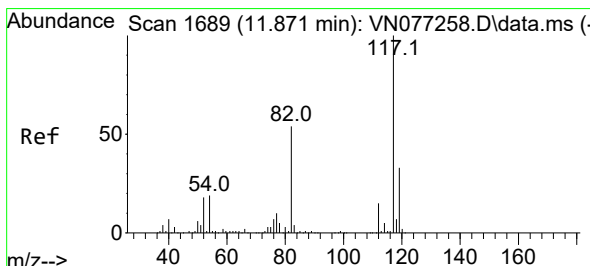
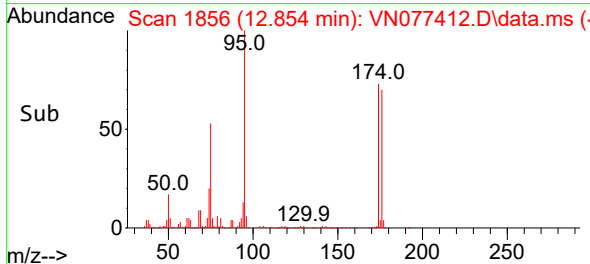
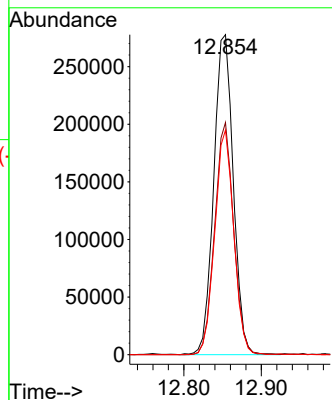
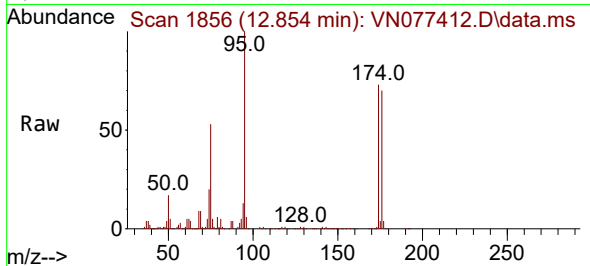




#62
4-Bromofluorobenzene
Concen: 52.739 ug/l
RT: 12.854 min Scan# 1185
Delta R.T. 0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

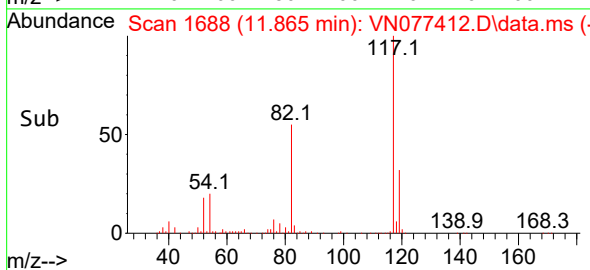
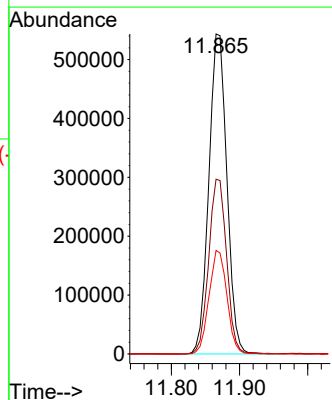
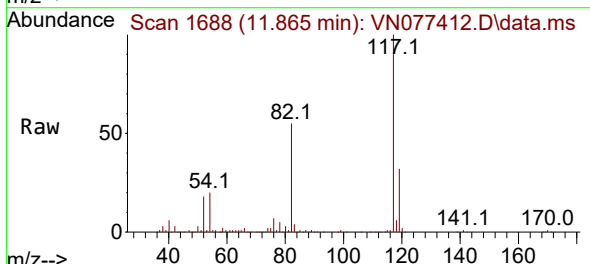
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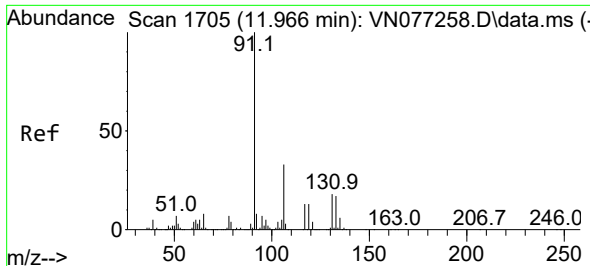
Tgt Ion: 95 Resp: 485825
Ion Ratio Lower Upper
95 100
174 70.7 0.0 146.8
176 68.2 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion: 117 Resp: 1000384
Ion Ratio Lower Upper
117 100
82 54.6 42.9 64.3
119 32.4 26.2 39.4

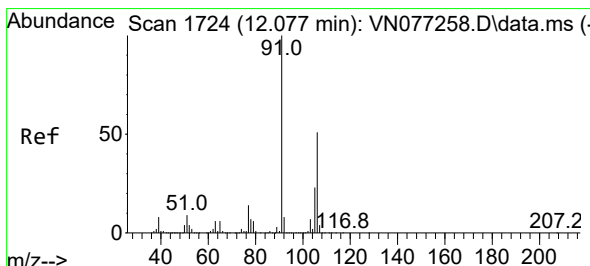
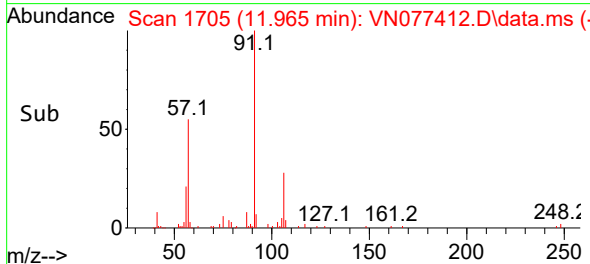
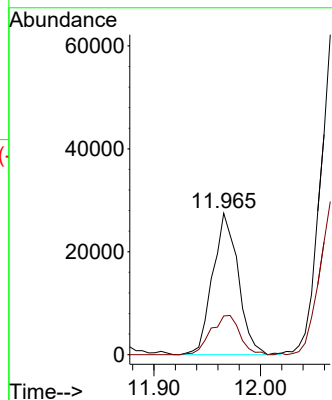
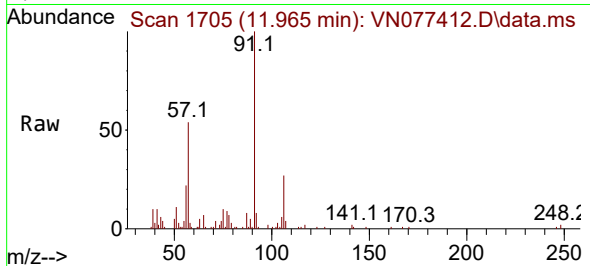




#67
Ethyl Benzene
Concen: 1.127 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

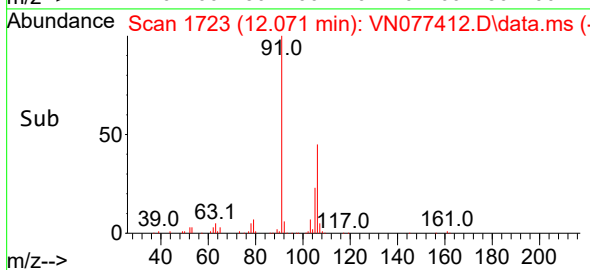
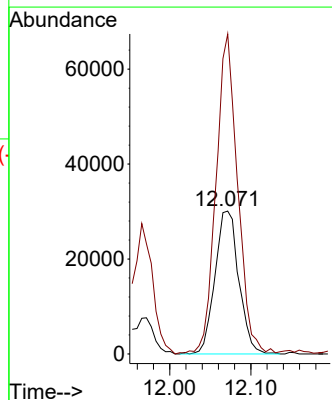
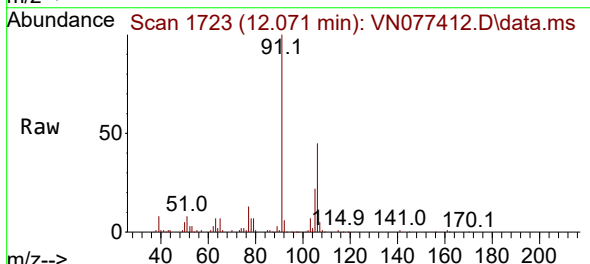
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

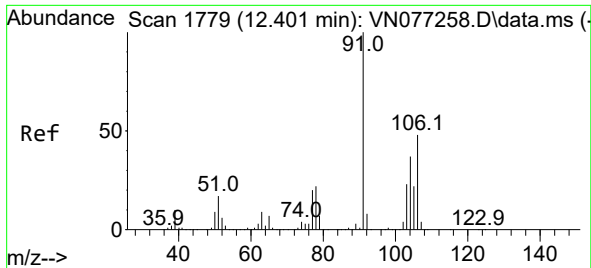
Tgt Ion: 91 Resp: 45795
Ion Ratio Lower Upper
91 100
106 27.4 26.2 39.2



#68
m/p-Xylenes
Concen: 3.851 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion:106 Resp: 61504
Ion Ratio Lower Upper
106 100
91 201.0 158.7 238.1

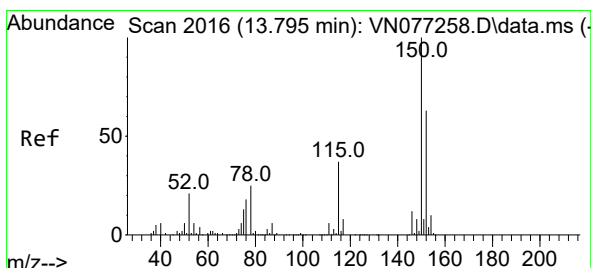
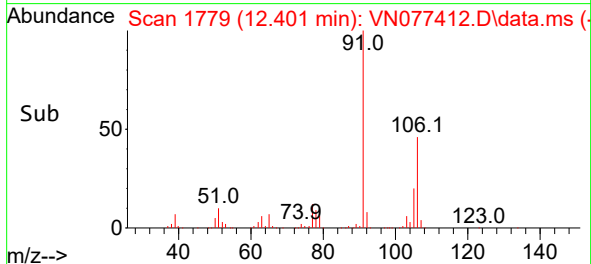
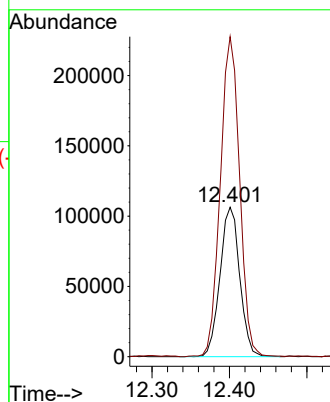
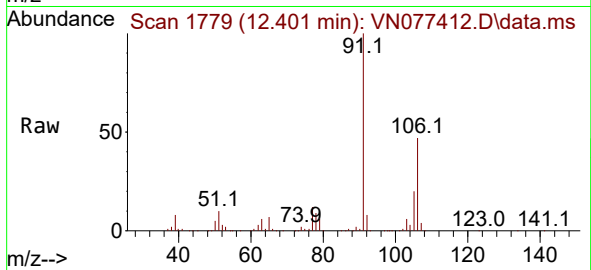




#69
o-Xylene
Concen: 11.978 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

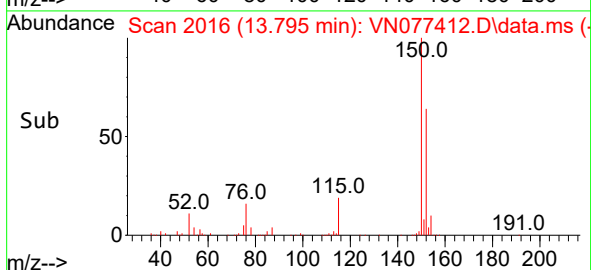
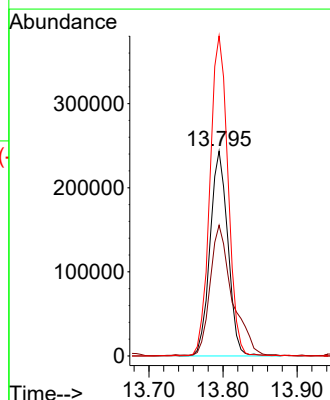
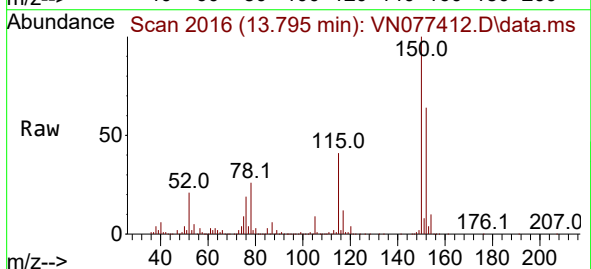
Instrument :
MSVOA_N
ClientSampleId :
SPB-6WC-23-04-17

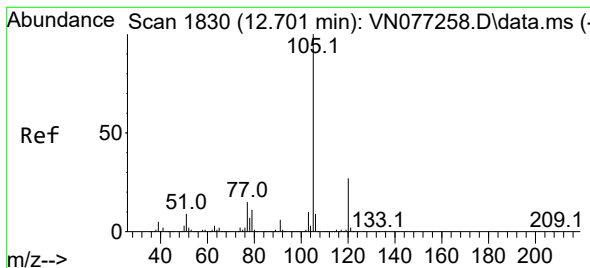
Tgt Ion:106 Resp: 188707
Ion Ratio Lower Upper
106 100
91 209.5 104.0 312.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077412.D
Acq: 20 Apr 2023 20:00

Tgt Ion:152 Resp: 407107
Ion Ratio Lower Upper
152 100
115 78.8 32.1 96.3
150 157.4 0.0 354.8





#73

Isopropylbenzene

Concen: 2.224 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.006 min

Lab File: VN077412.D

Acq: 20 Apr 2023 20:00

Instrument :

MSVOA_N

ClientSampleId :

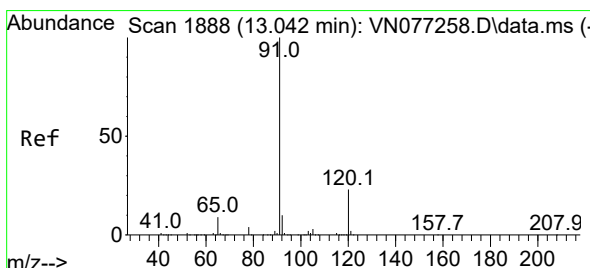
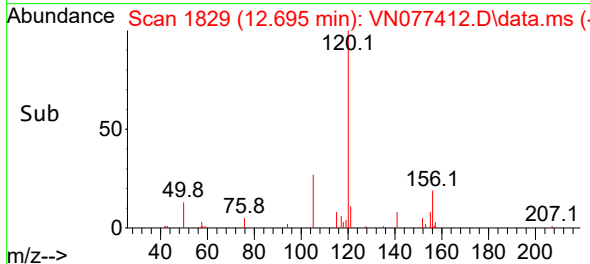
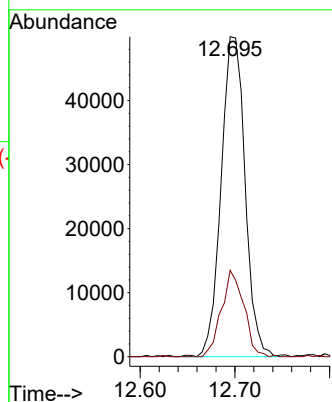
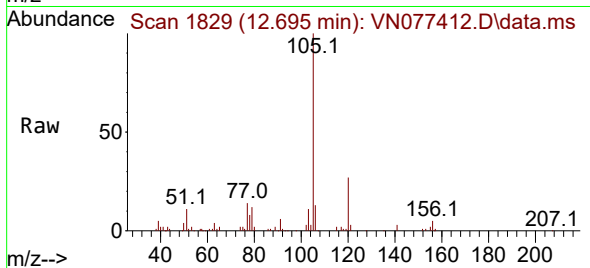
SPB-6WC-23-04-17

Tgt Ion:105 Resp: 87927

Ion Ratio Lower Upper

105 100

120 25.3 13.2 39.6



#78

n-propylbenzene

Concen: 10.894 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.006 min

Lab File: VN077412.D

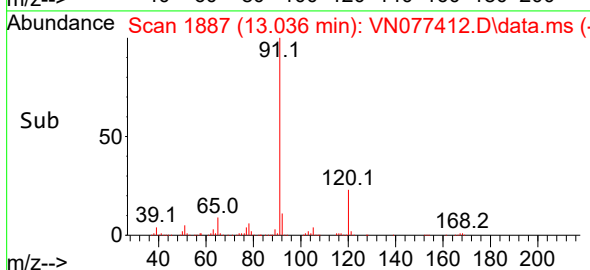
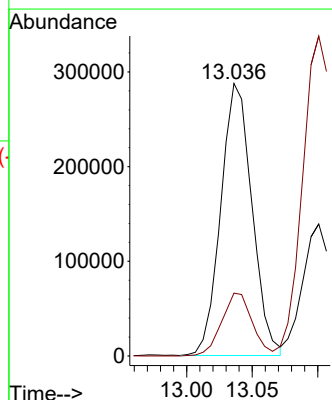
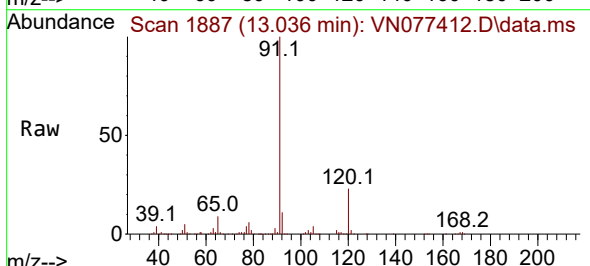
Acq: 20 Apr 2023 20:00

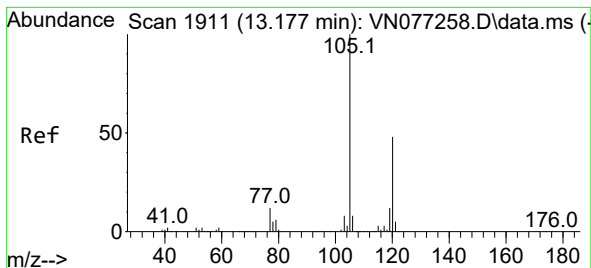
Tgt Ion: 91 Resp: 475967

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.5





#80

1,3,5-Trimethylbenzene

Concen: 35.250 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077412.D

Acq: 20 Apr 2023 20:00

Instrument :

MSVOA_N

ClientSampleId :

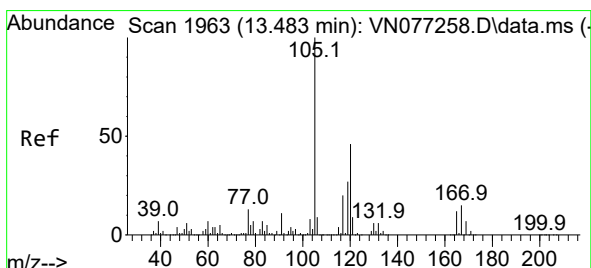
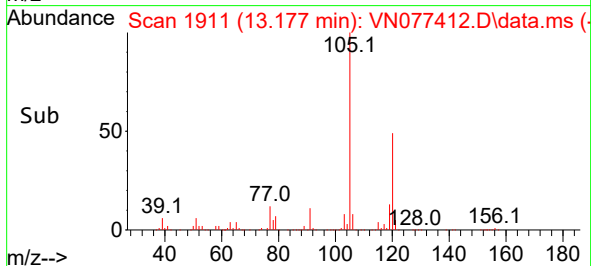
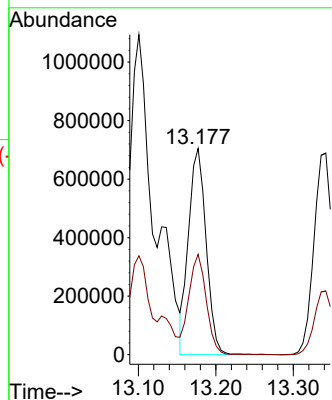
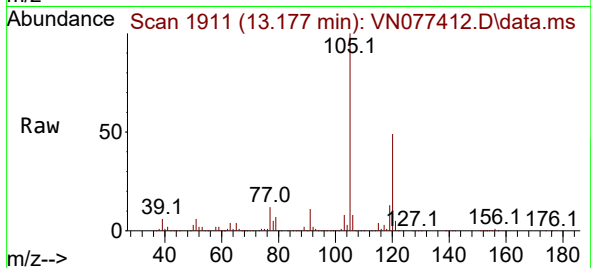
SPB-6WC-23-04-17

Tgt Ion:105 Resp: 1113289

Ion Ratio Lower Upper

105 100

120 48.1 24.3 73.0



#84

1,2,4-Trimethylbenzene

Concen: 143.502 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN077412.D

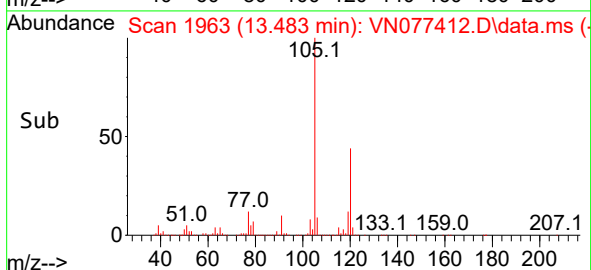
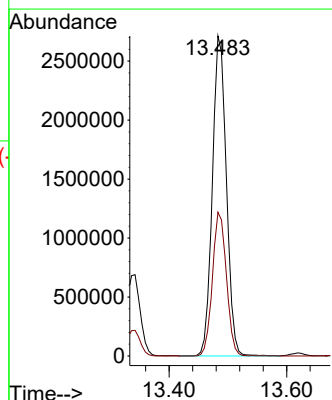
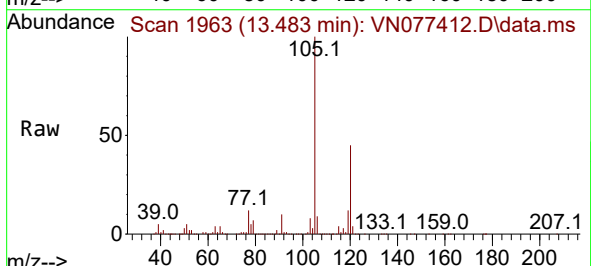
Acq: 20 Apr 2023 20:00

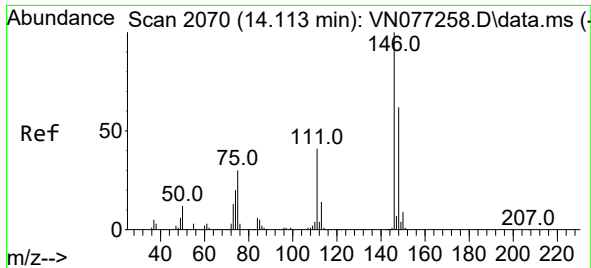
Tgt Ion:105 Resp: 4477464

Ion Ratio Lower Upper

105 100

120 45.0 22.5 67.5





#91
 1,2-Dichlorobenzene
 Concen: 1.395 ug/l
 RT: 14.112 min Scan# 2070
 Delta R.T. -0.001 min
 Lab File: VN077412.D
 Acq: 20 Apr 2023 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 SPB-6WC-23-04-17

Tgt Ion:146 Resp: 20763
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.9 65.5
 148 64.6 31.9 95.5

