

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030723\
 Data File : VN076871.D
 Acq On : 07 Mar 2023 14:56
 Operator : JC\MD
 Sample : 01832-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-19-GW-01

Quant Time: Mar 07 22:40:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

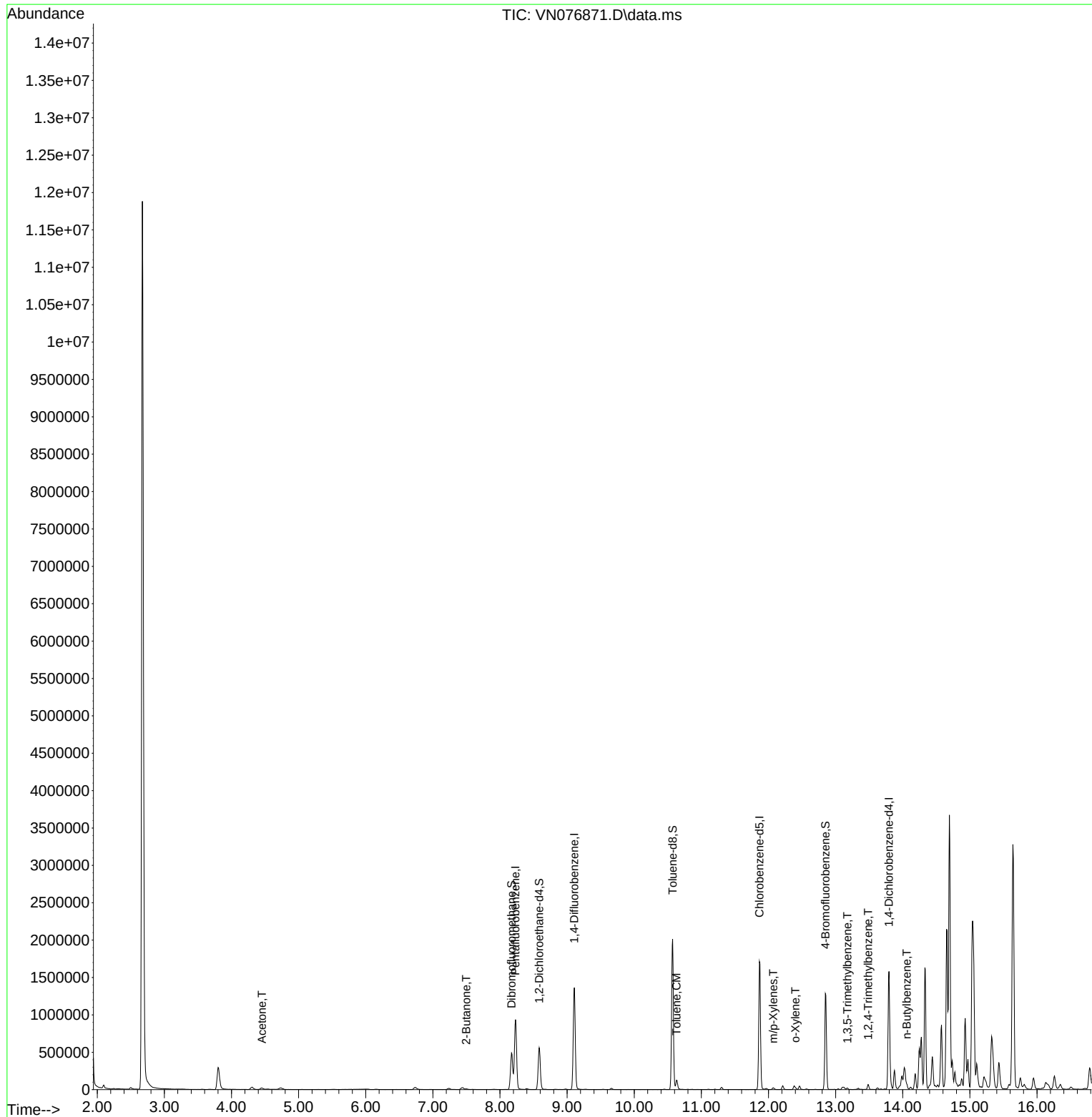
Internal Standards						
1) Pentafluorobenzene	8.230	168	675034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1187620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1019424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	417444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	460119	48.617	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.240%
35) Dibromofluoromethane	8.172	113	359054	48.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.660%
50) Toluene-d8	10.572	98	1401379	48.959	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.848	95	477501	48.143	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.280%
Target Compounds						
					Qvalue	
16) Acetone	4.454	43	38431	9.303	ug/l	99
25) 2-Butanone	7.495	43	12093	2.004	ug/l #	82
52) Toluene	10.630	92	53068	2.450	ug/l	99
68) m/p-Xylenes	12.071	106	7328	0.487	ug/l	84
69) o-Xylene	12.401	106	5133	0.346	ug/l	90
80) 1,3,5-Trimethylbenzene	13.177	105	8196	0.269	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	37290	1.240	ug/l	95
89) n-Butylbenzene	14.060	91	34151	1.358	ug/l #	68

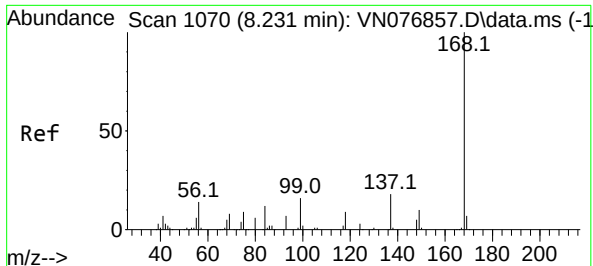
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

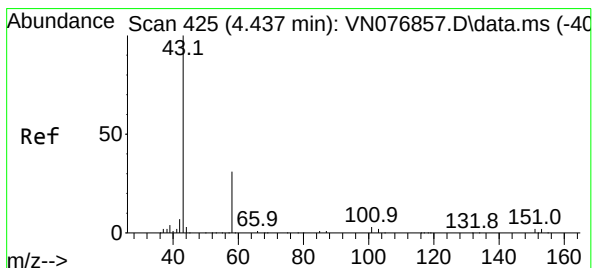
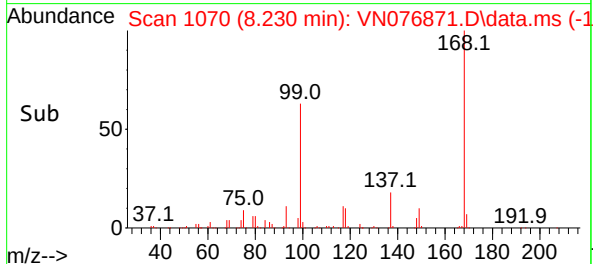
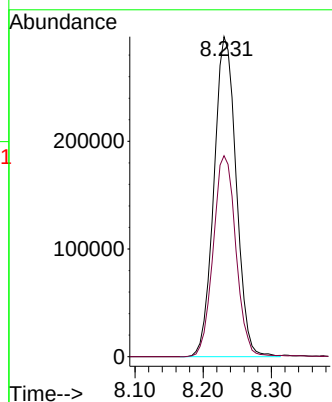
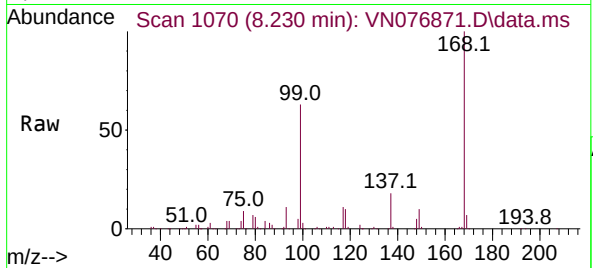




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076871.D
Acq: 07 Mar 2023 14:56

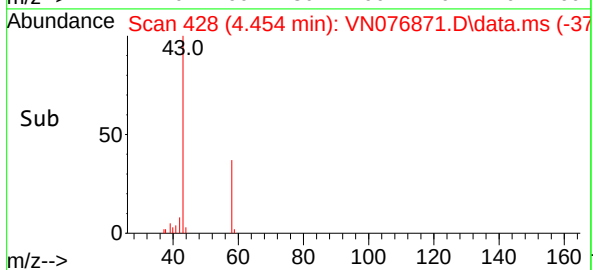
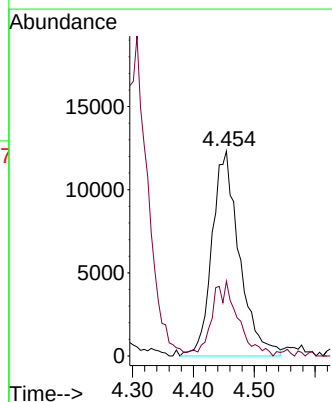
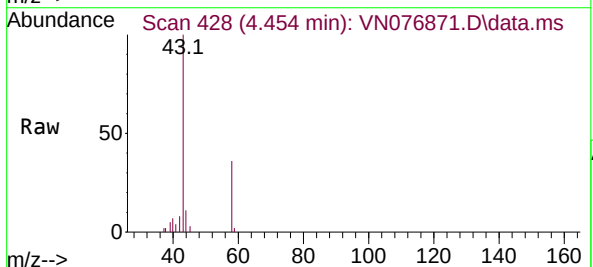
Instrument :
MSVOA_N
ClientSampleId :
B-19-GW-01

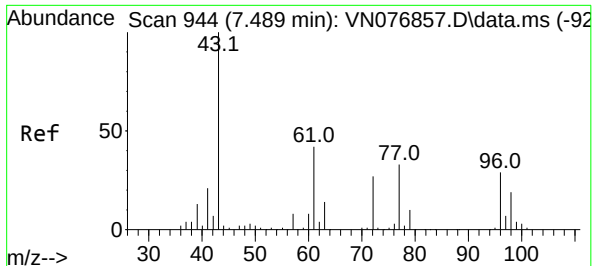
Tgt Ion:168 Resp: 675034
Ion Ratio Lower Upper
168 100
99 62.8 48.6 73.0



#16
Acetone
Concen: 9.303 ug/l
RT: 4.454 min Scan# 428
Delta R.T. 0.017 min
Lab File: VN076871.D
Acq: 07 Mar 2023 14:56

Tgt Ion: 43 Resp: 38431
Ion Ratio Lower Upper
43 100
58 34.7 28.2 42.2





#25

2-Butanone

Concen: 2.004 ug/l

RT: 7.495 min Scan# 944

Delta R.T. 0.006 min

Lab File: VN076871.D

Acq: 07 Mar 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

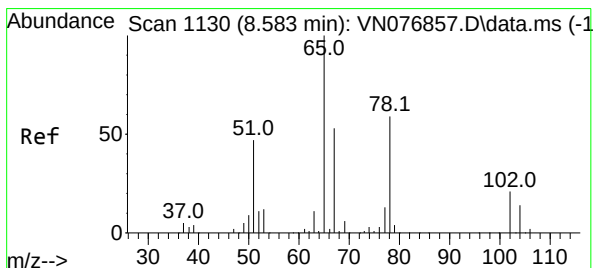
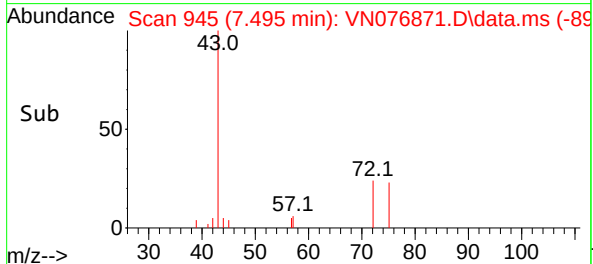
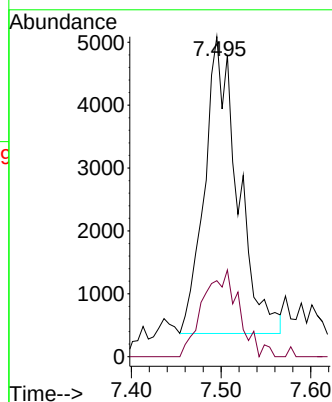
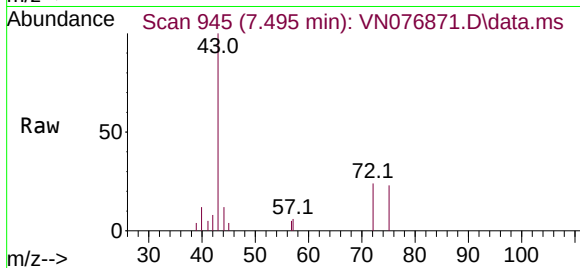
B-19-GW-01

Tgt Ion: 43 Resp: 12093

Ion Ratio Lower Upper

43 100

72 25.6 28.8 43.2#



#33

1,2-Dichloroethane-d4

Concen: 48.617 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN076871.D

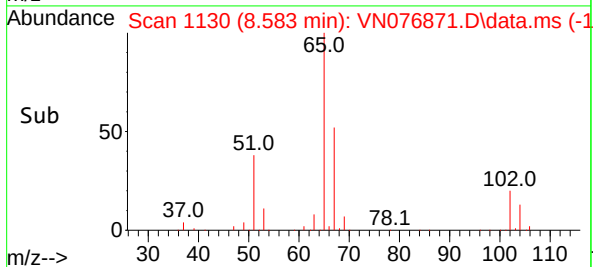
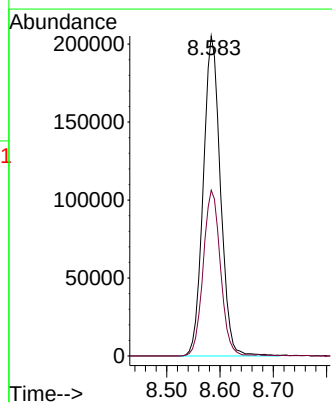
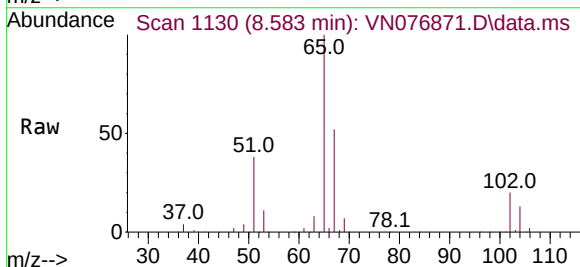
Acq: 07 Mar 2023 14:56

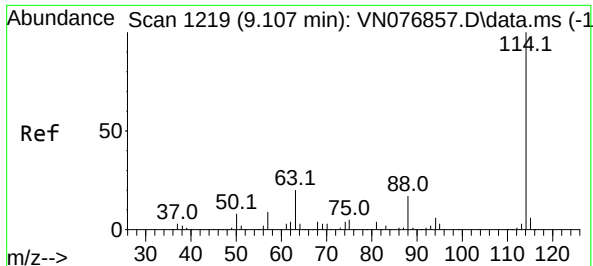
Tgt Ion: 65 Resp: 460119

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076871.D

Acq: 07 Mar 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

B-19-GW-01

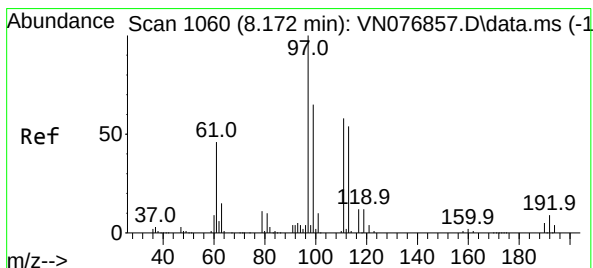
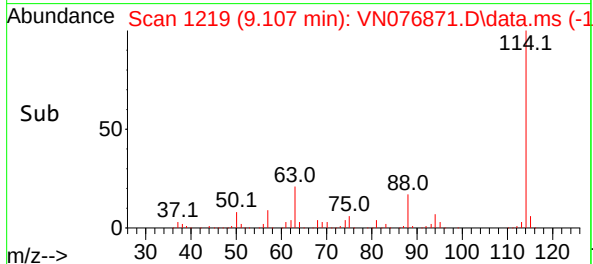
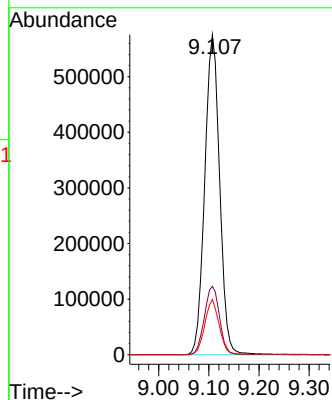
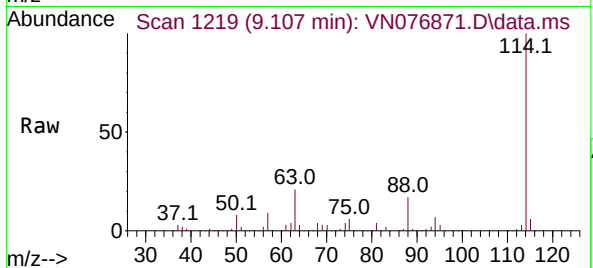
Tgt Ion:114 Resp: 1187620

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.6

88 17.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.328 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076871.D

Acq: 07 Mar 2023 14:56

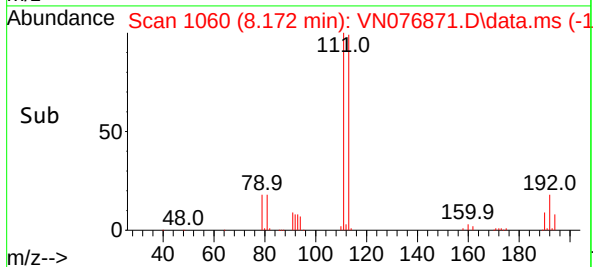
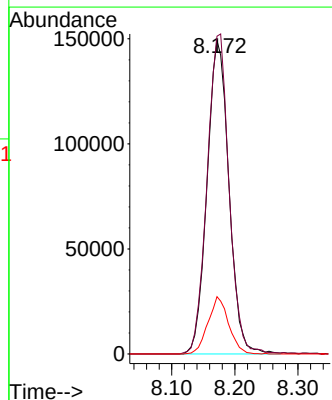
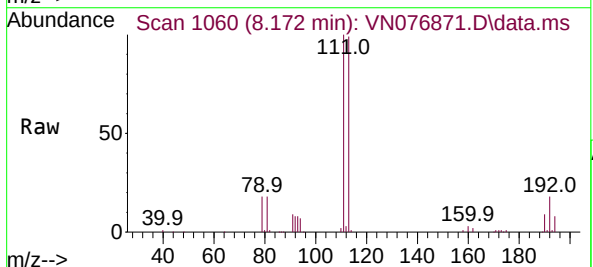
Tgt Ion:113 Resp: 359054

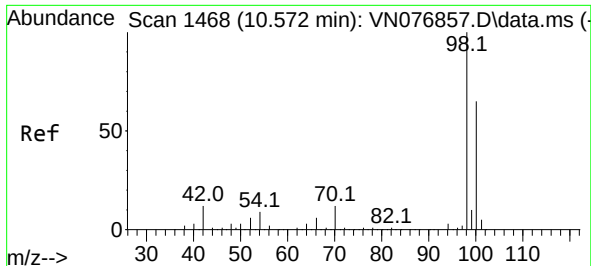
Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 17.2 13.9 20.9

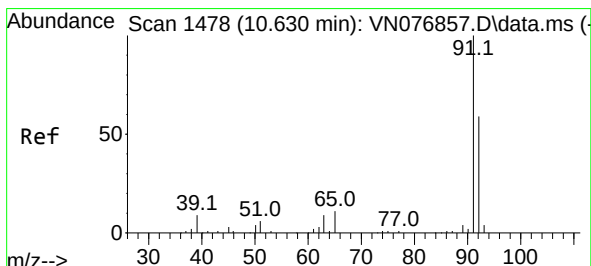
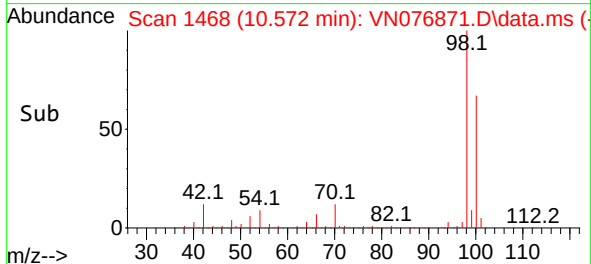
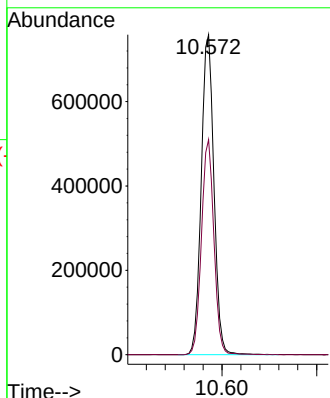
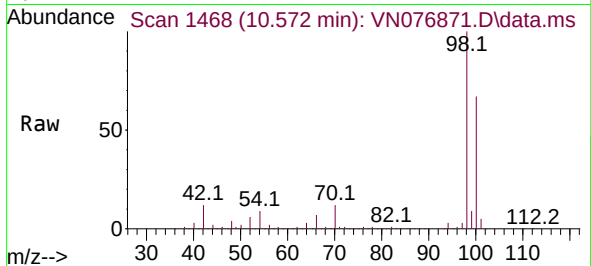




#50
Toluene-d8
Concen: 48.959 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076871.D
Acq: 07 Mar 2023 14:56

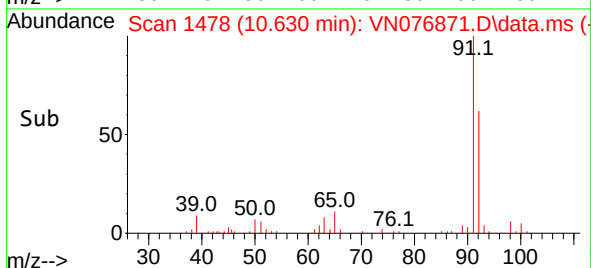
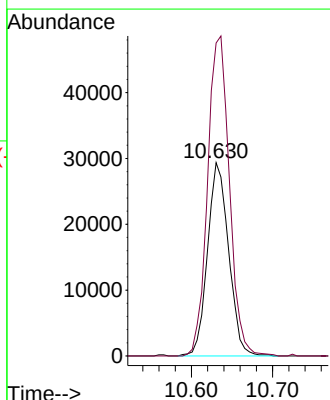
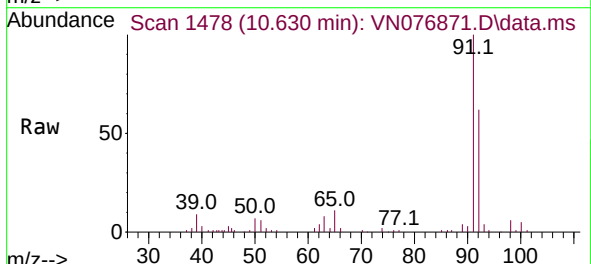
Instrument :
MSVOA_N
ClientSampleId :
B-19-GW-01

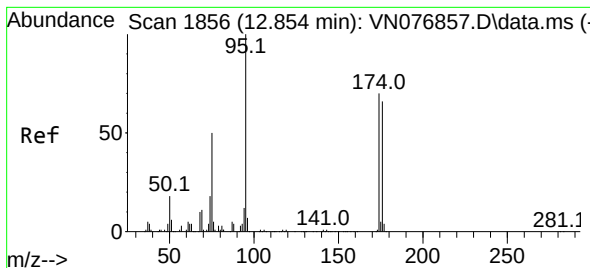
Tgt Ion: 98 Resp: 1401379
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2



#52
Toluene
Concen: 2.450 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076871.D
Acq: 07 Mar 2023 14:56

Tgt Ion: 92 Resp: 53068
Ion Ratio Lower Upper
92 100
91 171.1 138.2 207.2

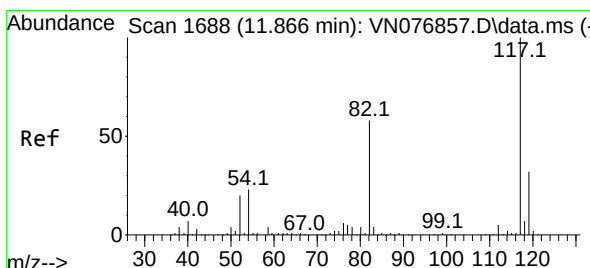
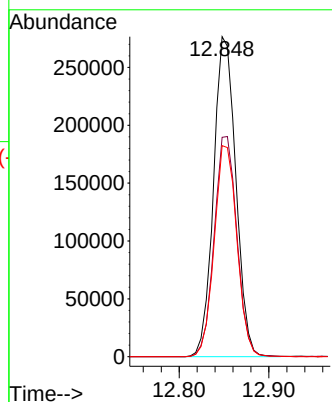
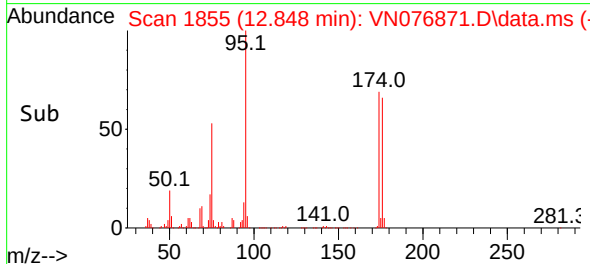
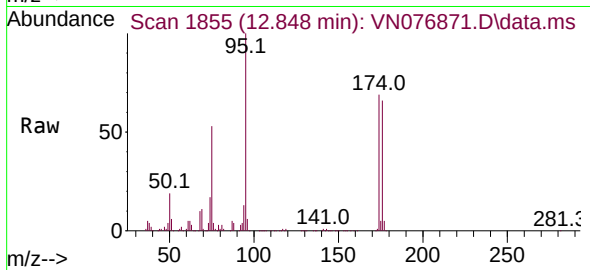




#62
4-Bromofluorobenzene
Concen: 48.143 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN076871.D
Acq: 07 Mar 2023 14:56

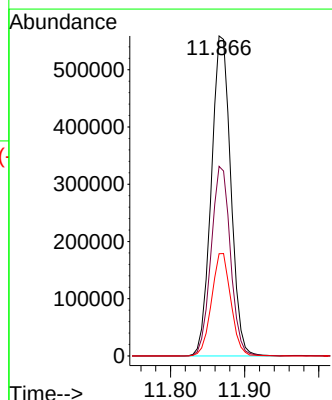
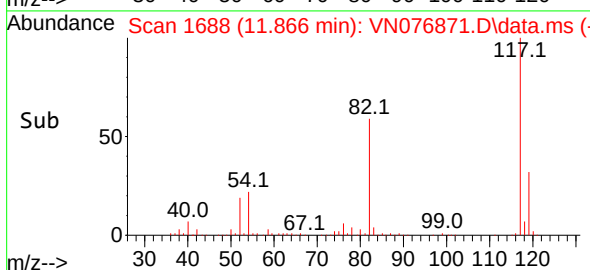
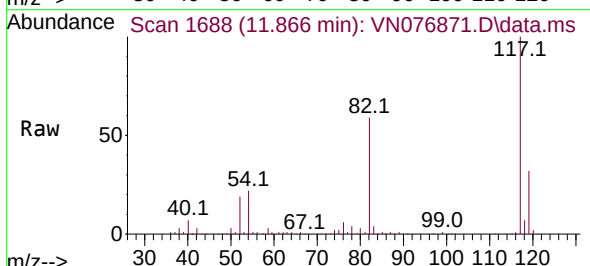
Instrument :
MSVOA_N
ClientSampleId :
B-19-GW-01

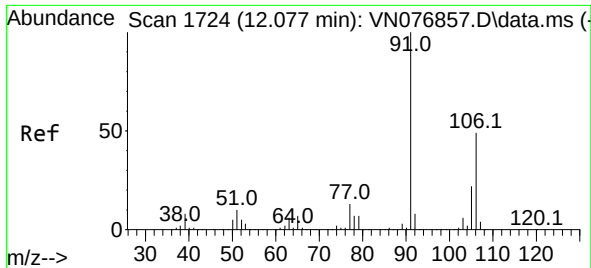
Tgt Ion: 95 Resp: 477501
Ion Ratio Lower Upper
95 100
174 70.1 0.0 162.4
176 67.1 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076871.D
Acq: 07 Mar 2023 14:56

Tgt Ion: 117 Resp: 1019424
Ion Ratio Lower Upper
117 100
82 59.3 43.5 65.3
119 32.0 25.5 38.3

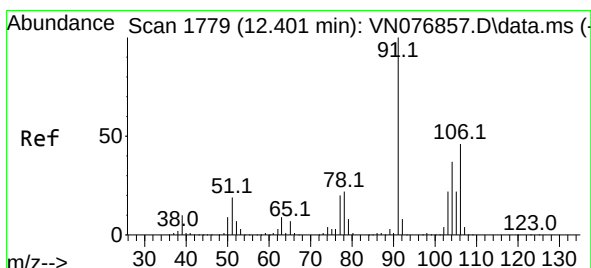
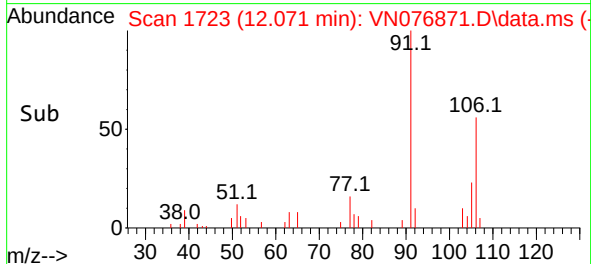
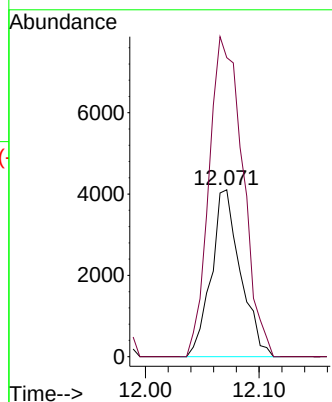
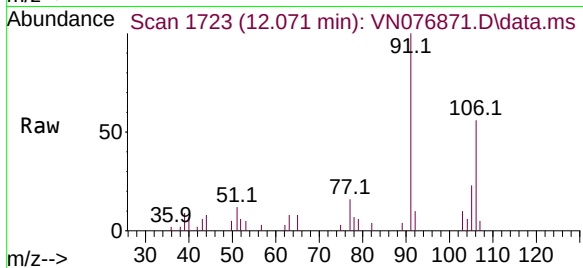




#68
m/p-Xylenes
Concen: 0.487 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN076871.D
Acq: 07 Mar 2023 14:56

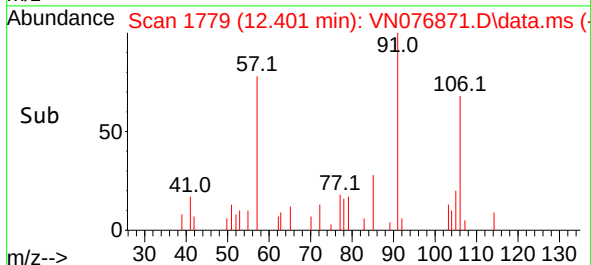
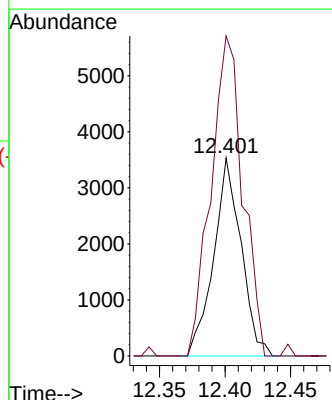
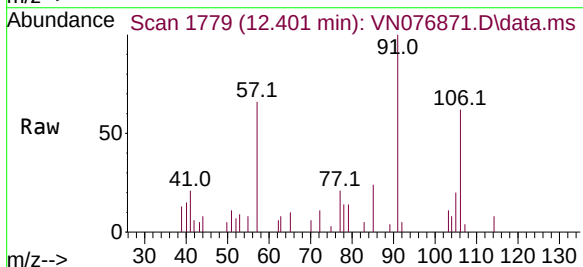
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ClientSampleId :
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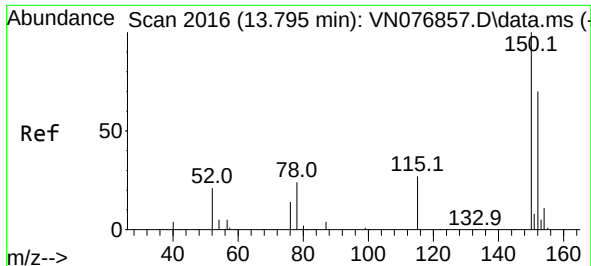
Tgt Ion:106 Resp: 7328
Ion Ratio Lower Upper
106 100
91 221.8 158.0 237.0



#69
o-Xylene
Concen: 0.346 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076871.D
Acq: 07 Mar 2023 14:56

Tgt Ion:106 Resp: 5133
Ion Ratio Lower Upper
106 100
91 188.0 101.8 305.4

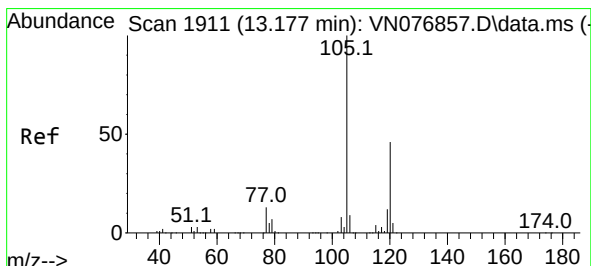
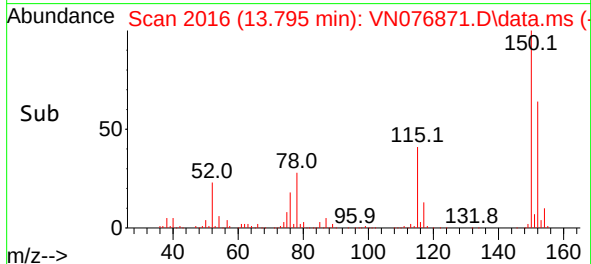
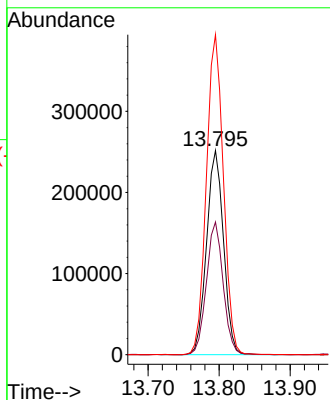
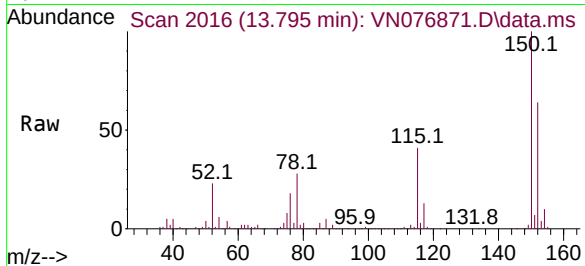




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN076871.D
 Acq: 07 Mar 2023 14:56

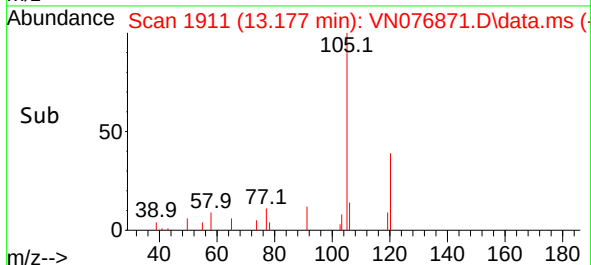
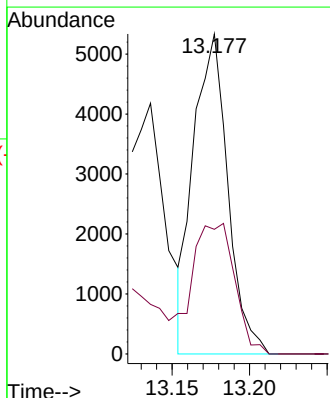
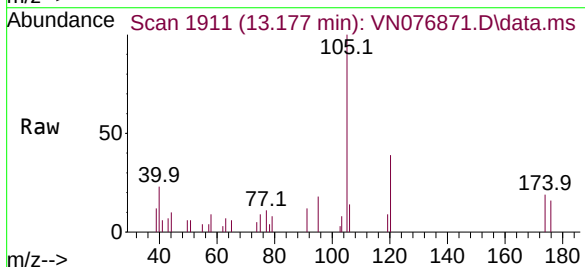
Instrument :
 MSVOA_N
 ClientSampleId :
 B-19-GW-01

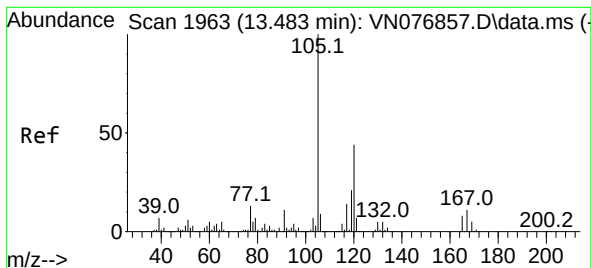
Tgt Ion:152 Resp: 417444
 Ion Ratio Lower Upper
 152 100
 115 64.4 30.3 90.9
 150 157.3 0.0 353.6



#80
 1,3,5-Trimethylbenzene
 Concen: 0.269 ug/l
 RT: 13.177 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VN076871.D
 Acq: 07 Mar 2023 14:56

Tgt Ion:105 Resp: 8196
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.2 75.6





#84

1,2,4-Trimethylbenzene

Concen: 1.240 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN076871.D

Acq: 07 Mar 2023 14:56

Instrument :

MSVOA_N

ClientSampleId :

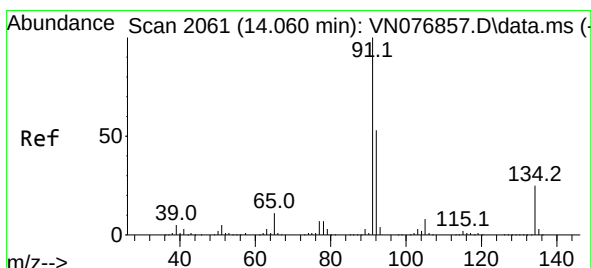
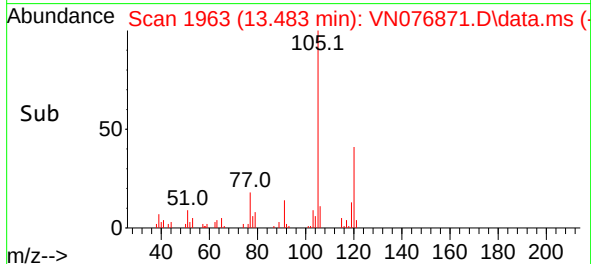
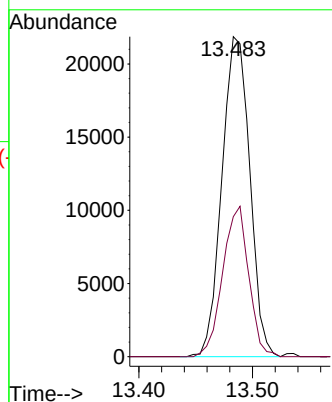
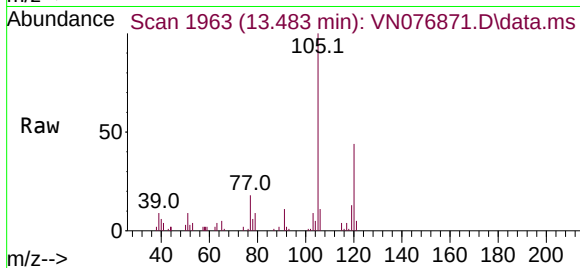
B-19-GW-01

Tgt Ion:105 Resp: 37290

Ion Ratio Lower Upper

105 100

120 43.9 23.6 70.8



#89

n-Butylbenzene

Concen: 1.358 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN076871.D

Acq: 07 Mar 2023 14:56

Tgt Ion: 91 Resp: 34151

Ion Ratio Lower Upper

91 100

92 68.9 26.6 79.7

134 0.0 13.6 40.7#

