

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
 Data File : VX034268.D
 Acq On : 24 Feb 2023 17:01
 Operator : JC/MD
 Sample : 01701-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-13-GW02

Quant Time: Feb 24 22:24:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	266362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	438011	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171265	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159142	44.363	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.720%
35) Dibromofluoromethane	5.391	113	137091	48.071	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.647	98	520977	50.881	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.760%
62) 4-Bromofluorobenzene	11.079	95	177205	45.245	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%

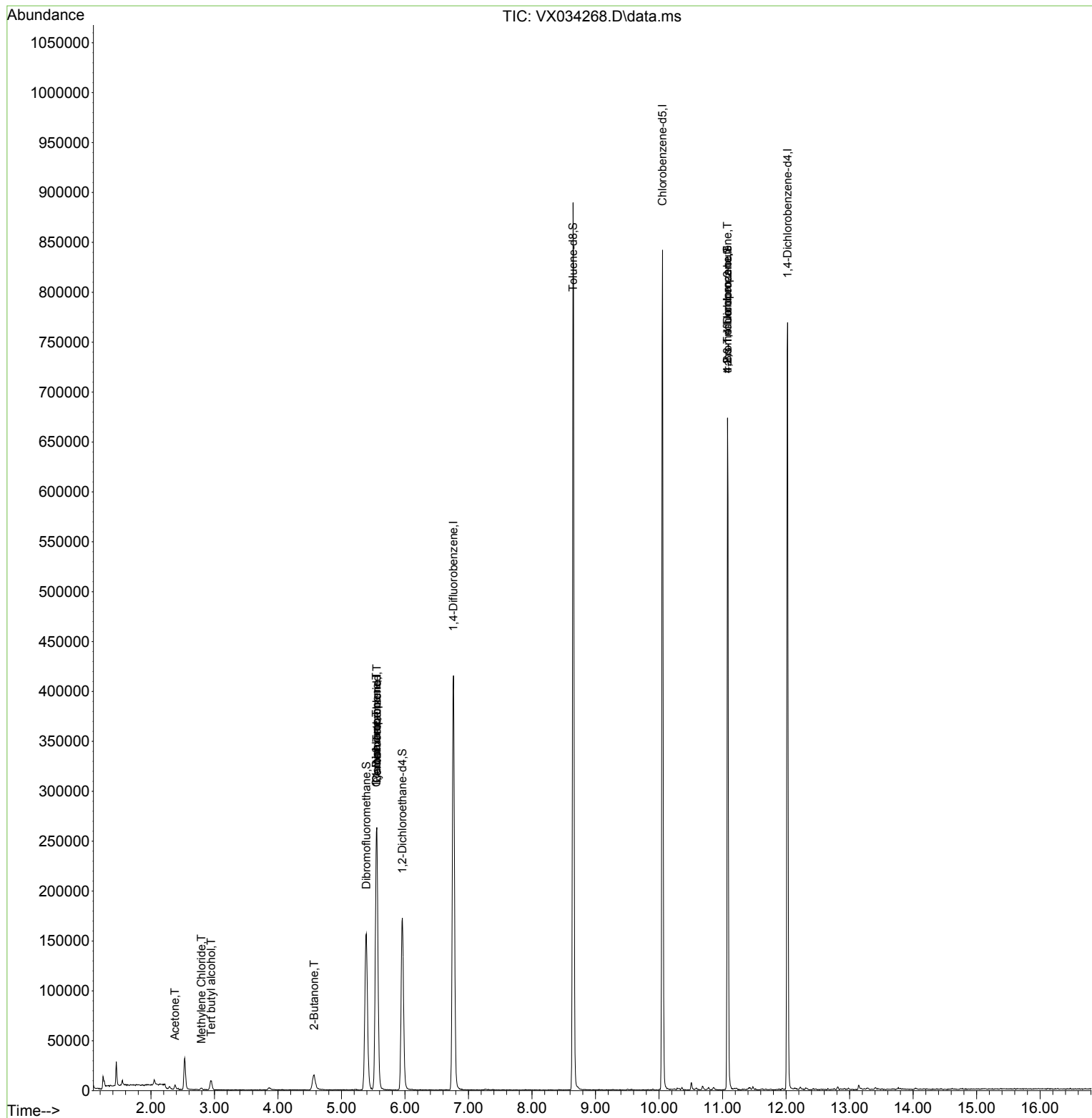
Target Compounds					Qvalue	
5) Bromomethane	1.593	94	26	Below Cal	#	3
11) Tert butyl alcohol	2.946	59	5610	6.992	ug/l #	94
16) Acetone	2.379	43	4943	2.671	ug/l	98
20) Methylene Chloride	2.794	84	832	0.250	ug/l #	91
25) 2-Butanone	4.568	43	1308	0.489	ug/l #	51
31) Cyclohexane	5.550	56	5233	0.977	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19390	4.597	ug/l #	48
38) Carbon Tetrachloride	5.556	117	25137	5.792	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	88265	20.481	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	88265	52.615	ug/l #	8

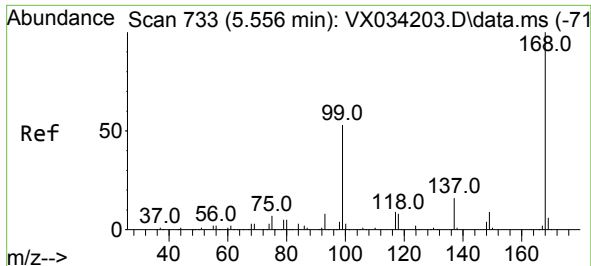
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 24 22:24:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

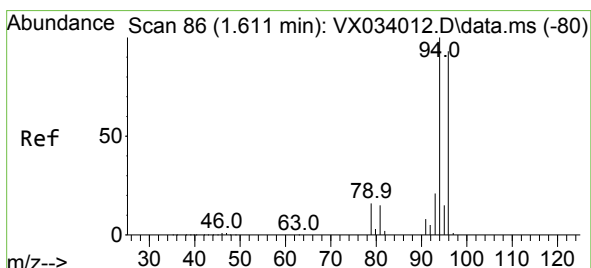
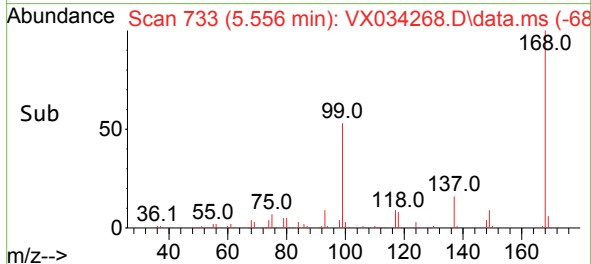
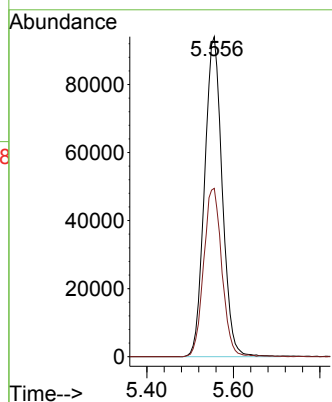
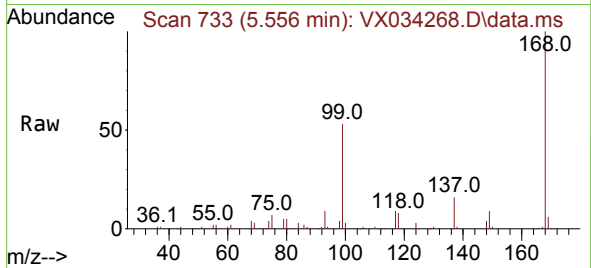




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

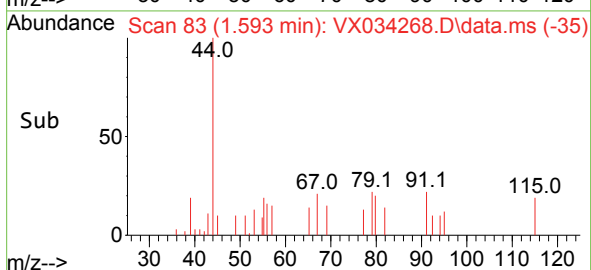
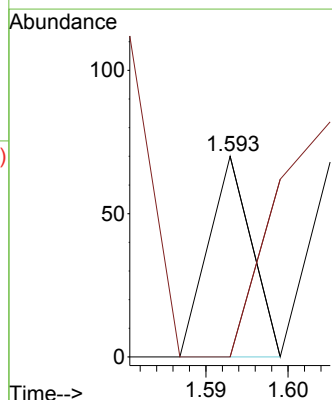
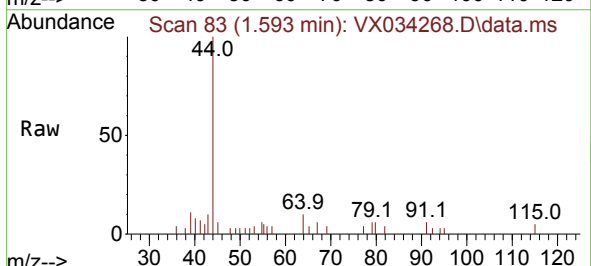
Instrument :
MSVOA_X
ClientSampleId :
B-13-GW02

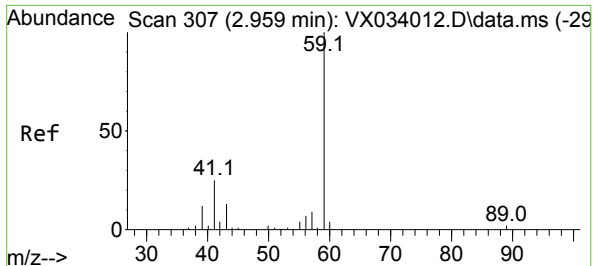
Tgt Ion:168 Resp: 266362
Ion Ratio Lower Upper
168 100
99 52.6 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

Tgt Ion: 94 Resp: 26
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 6.992 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX034268.D

Acq: 24 Feb 2023 17:01

Instrument :

MSVOA_X

ClientSampleId :

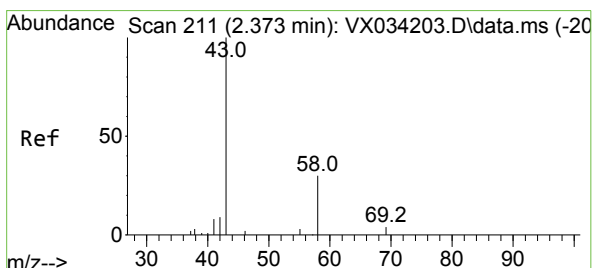
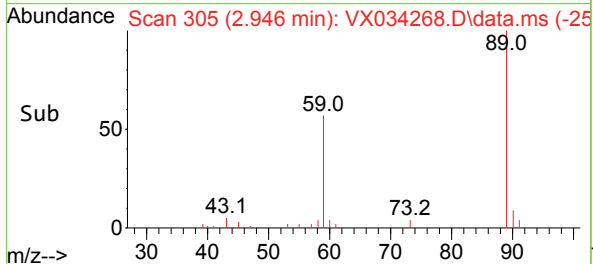
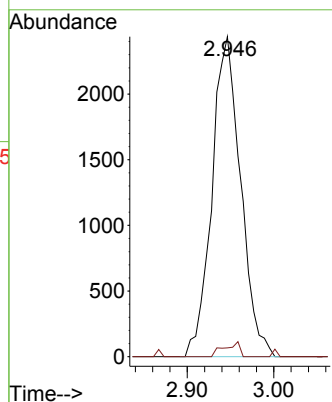
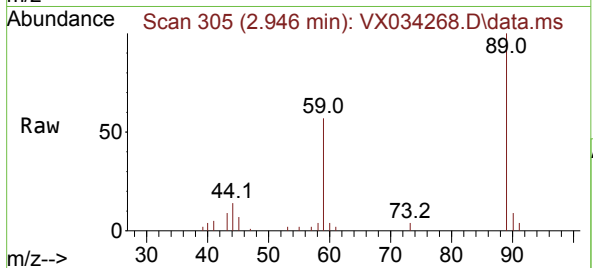
B-13-GW02

Tgt Ion: 59 Resp: 5610

Ion Ratio Lower Upper

59 100

57 2.5 3.7 5.5#



#16

Acetone

Concen: 2.671 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX034268.D

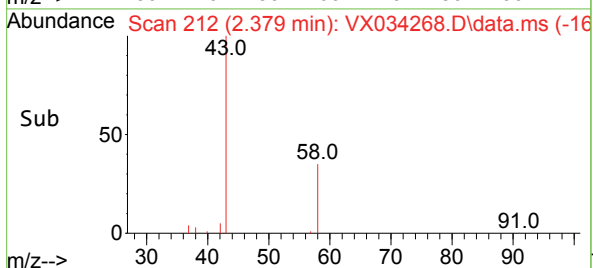
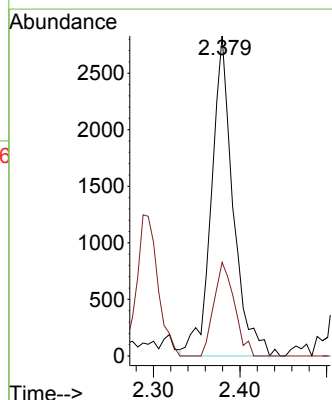
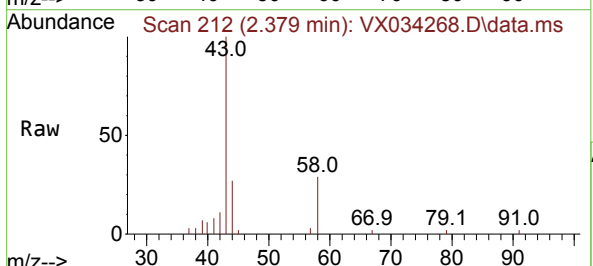
Acq: 24 Feb 2023 17:01

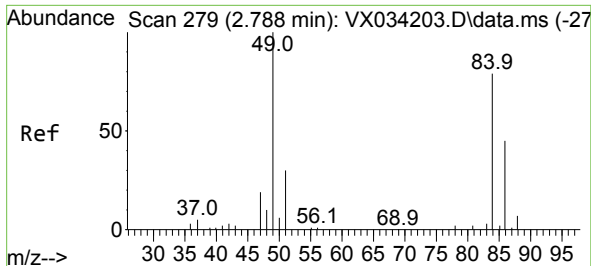
Tgt Ion: 43 Resp: 4943

Ion Ratio Lower Upper

43 100

58 29.3 22.6 33.8

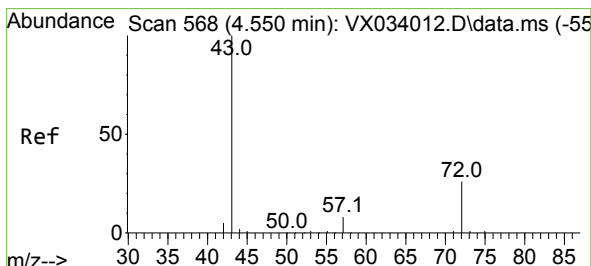
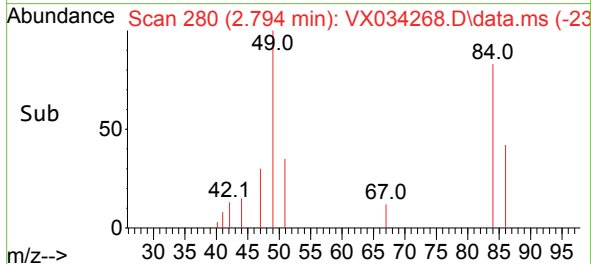
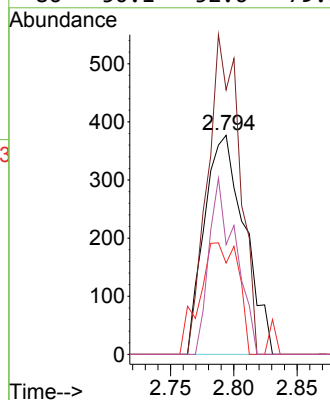
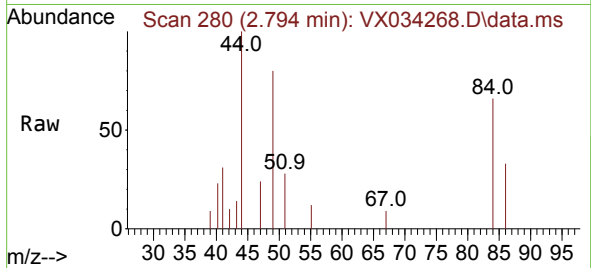




#20
Methylene Chloride
Concen: 0.250 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

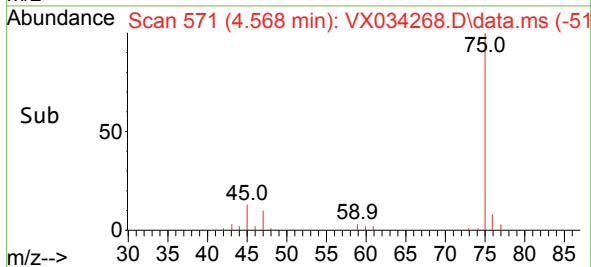
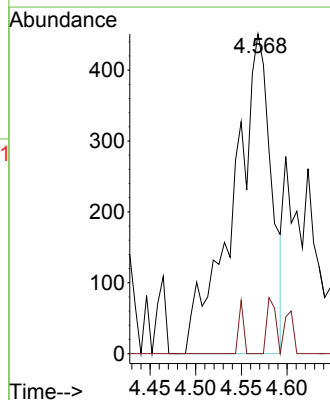
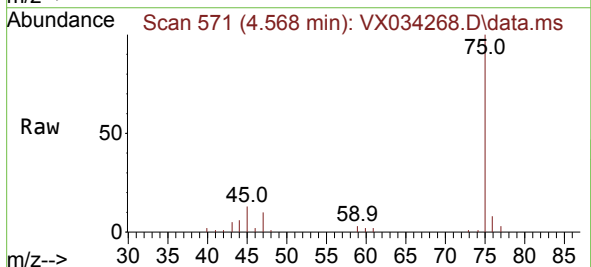
Instrument :
MSVOA_X
ClientSampleId :
B-13-GW02

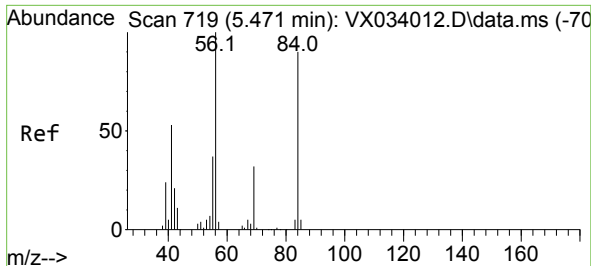
Tgt Ion: 84 Resp: 832
Ion Ratio Lower Upper
84 100
49 120.7 101.1 151.7
51 41.6 31.0 46.6
86 50.1 52.6 79.0#



#25
2-Butanone
Concen: 0.489 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.024 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

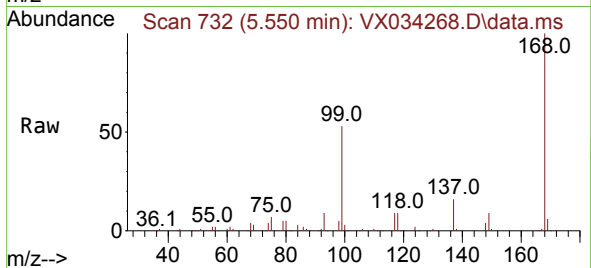
Tgt Ion: 43 Resp: 1308
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



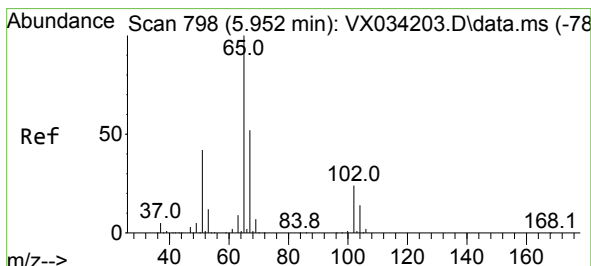
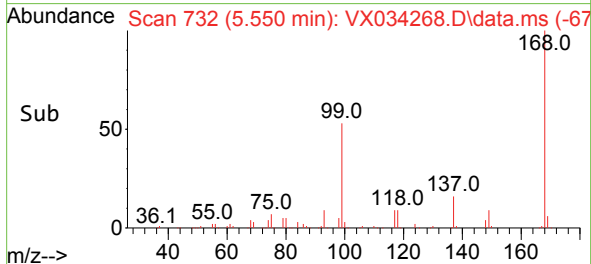
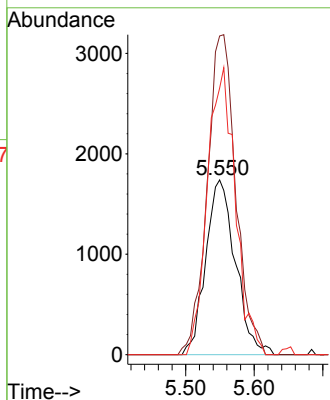


#31
Cyclohexane
Concen: 0.977 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :
B-13-GW02

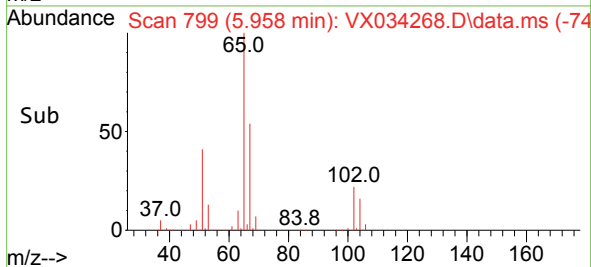
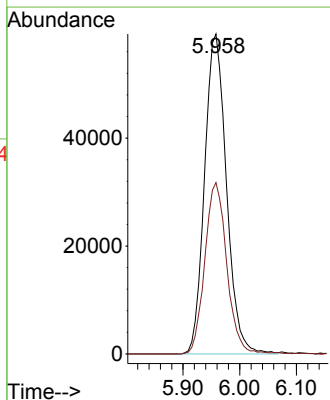
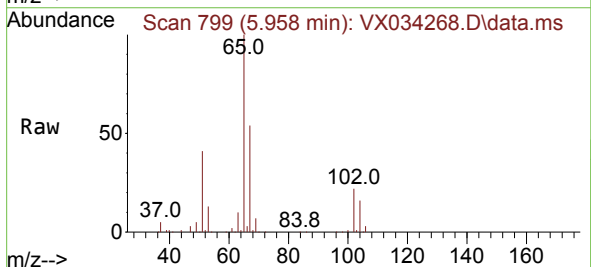


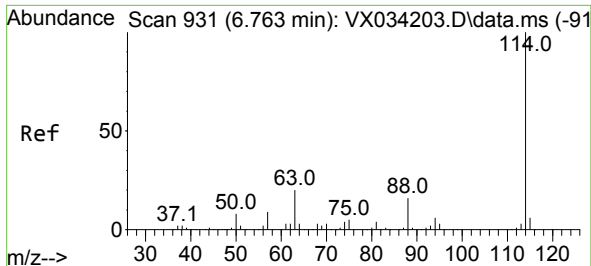
Tgt Ion: 56 Resp: 5233
Ion Ratio Lower Upper
56 100
69 182.4 24.6 37.0#
84 152.5 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 44.363 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

Tgt Ion: 65 Resp: 159142
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8

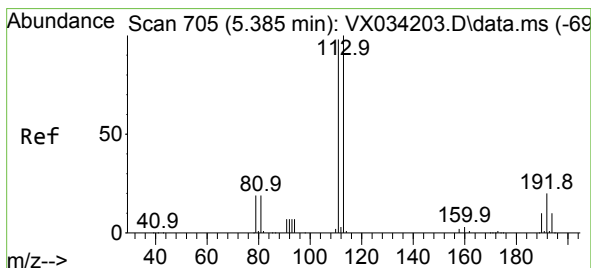
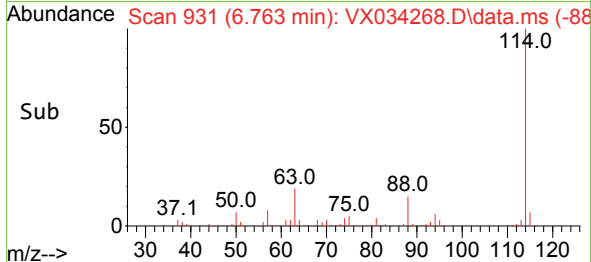
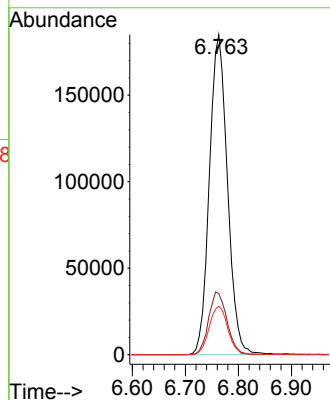
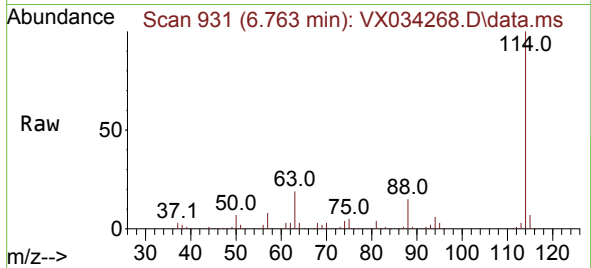




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

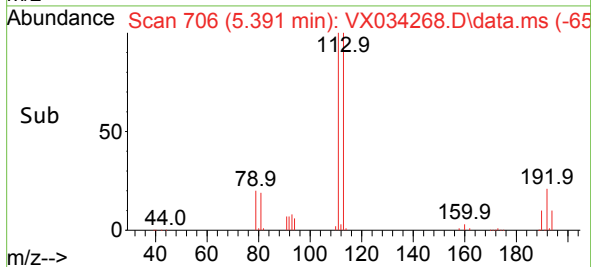
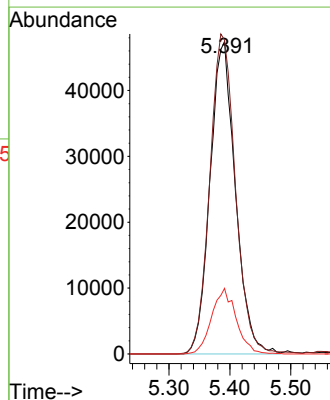
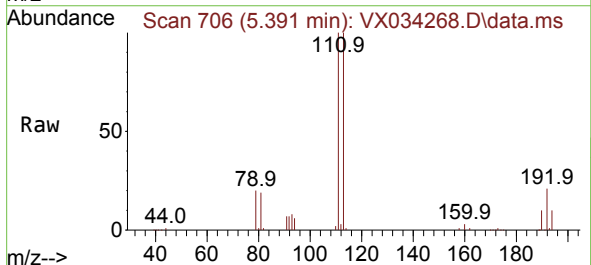
Instrument :
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ClientSampleId :
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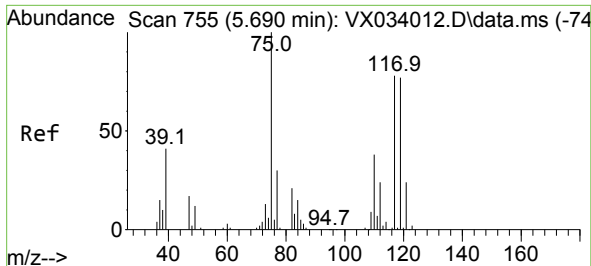
Tgt Ion:114 Resp: 438011
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.071 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

Tgt Ion:113 Resp: 137091
Ion Ratio Lower Upper
113 100
111 103.8 83.0 124.6
192 20.4 19.0 28.4

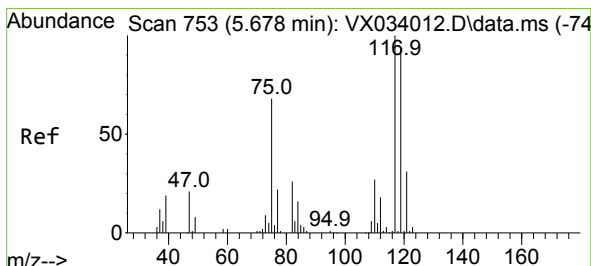
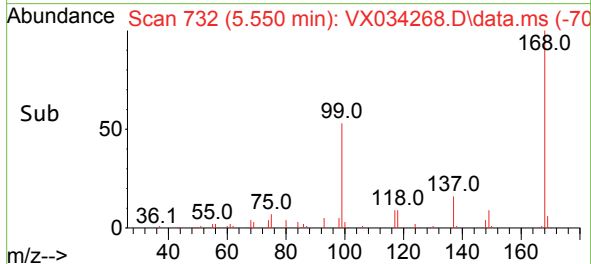
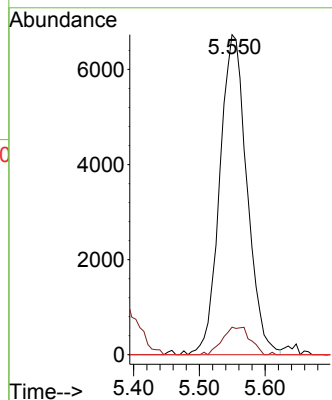
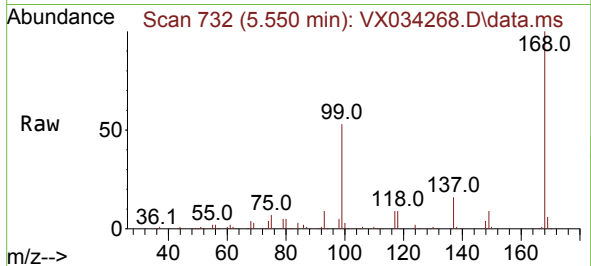




#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

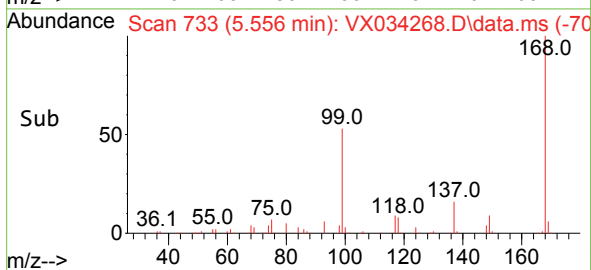
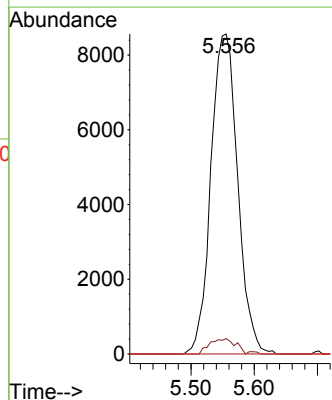
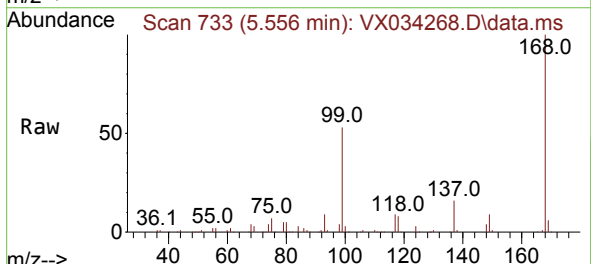
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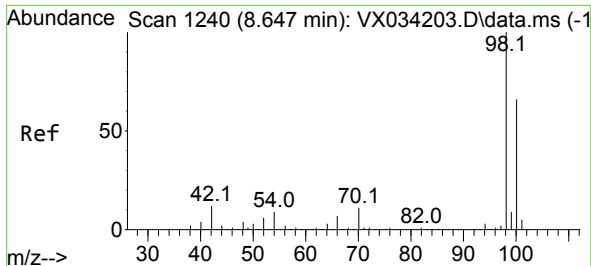
Tgt Ion: 75 Resp: 19390
Ion Ratio Lower Upper
75 100
110 8.7 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.792 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

Tgt Ion: 117 Resp: 25137
Ion Ratio Lower Upper
117 100
119 4.8 78.0 117.0#
121 0.0 24.4 36.6#

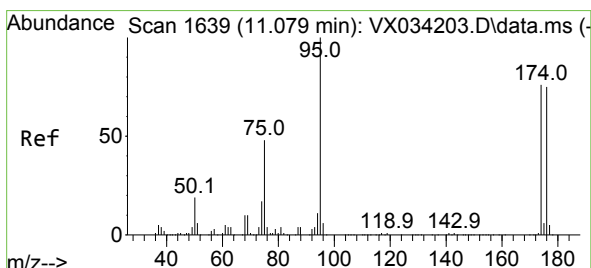
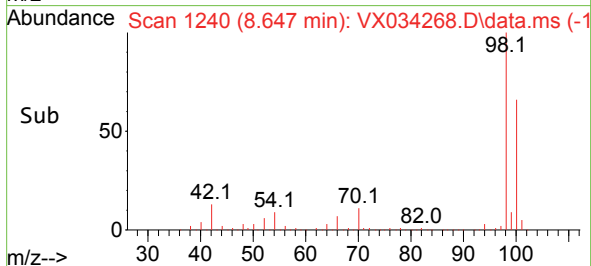
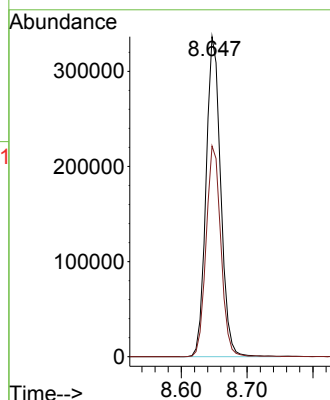
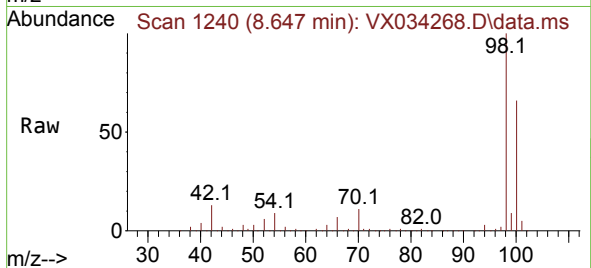




#50
Toluene-d8
Concen: 50.881 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

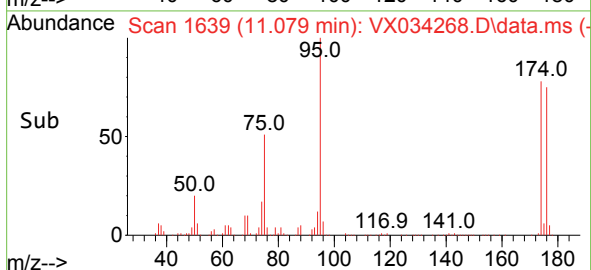
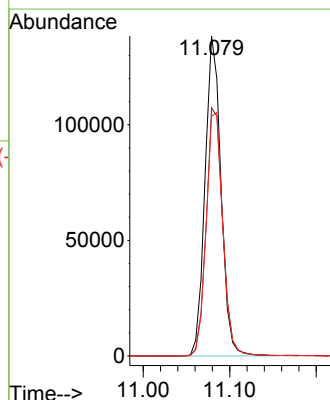
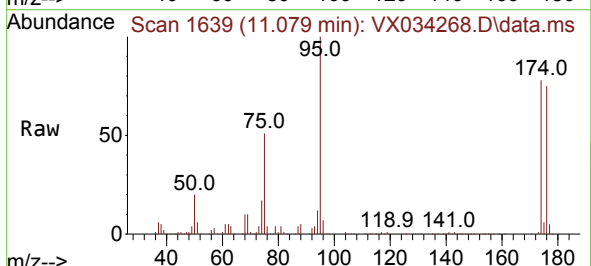
Instrument :
MSVOA_X
ClientSampleId :
B-13-GW02

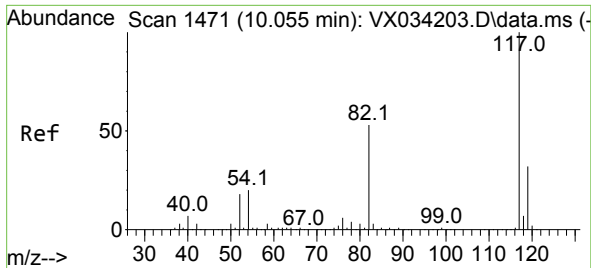
Tgt Ion: 98 Resp: 520977
Ion Ratio Lower Upper
98 100
100 66.4 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 45.245 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

Tgt Ion: 95 Resp: 177205
Ion Ratio Lower Upper
95 100
174 80.6 0.0 184.4
176 79.4 0.0 178.8

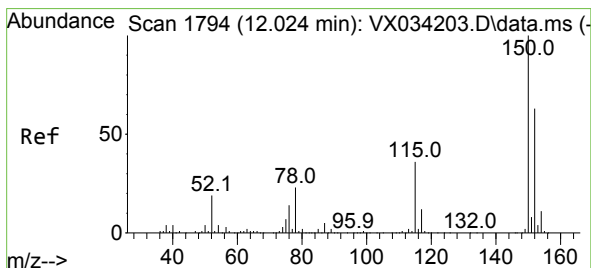
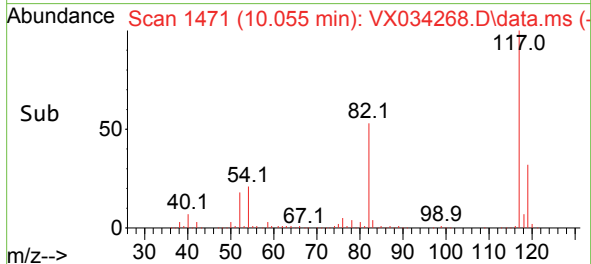
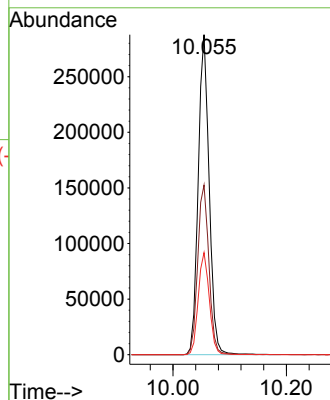
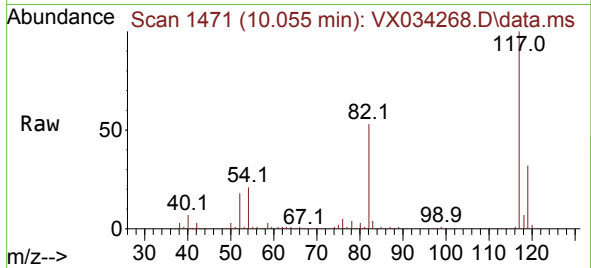




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

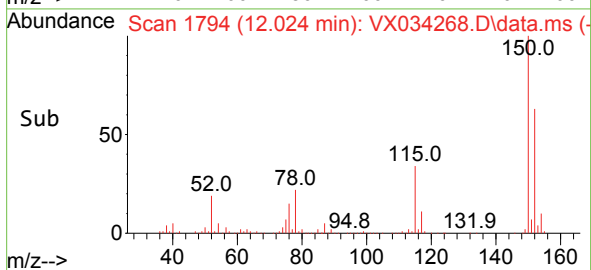
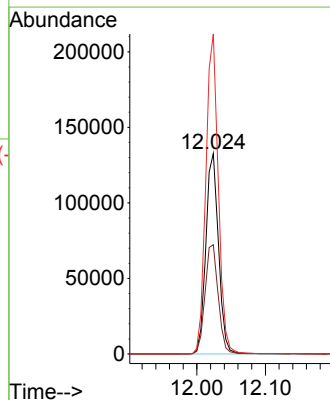
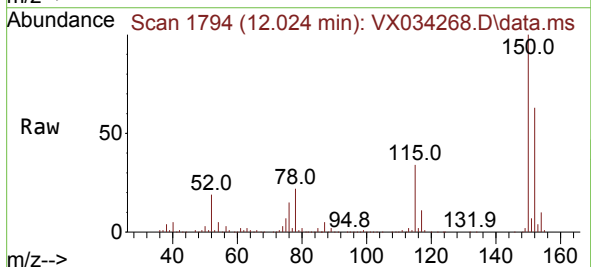
Instrument :
MSVOA_X
ClientSampleId :
B-13-GW02

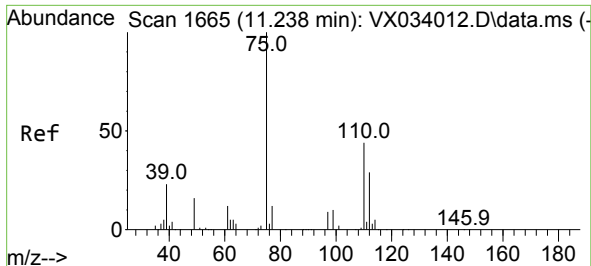
Tgt Ion:117 Resp: 385850
Ion Ratio Lower Upper
117 100
82 53.0 40.6 60.8
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

Tgt Ion:152 Resp: 171265
Ion Ratio Lower Upper
152 100
115 56.8 38.7 116.1
150 156.8 0.0 348.2

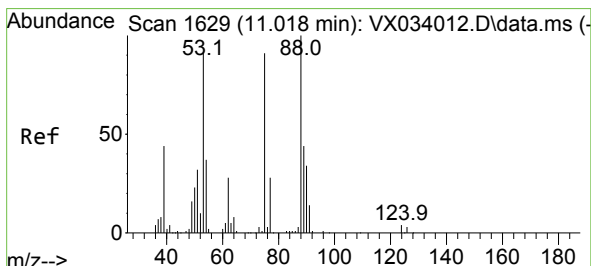
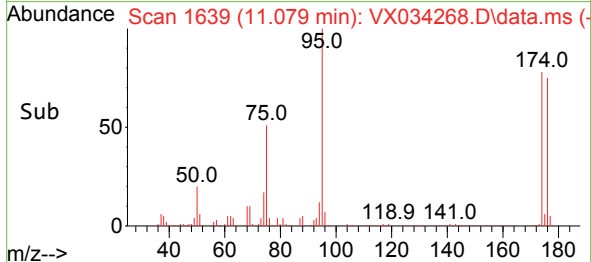
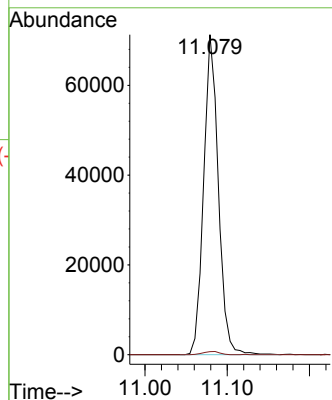
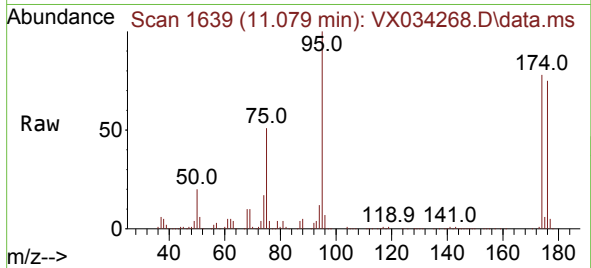




#76
1,2,3-Trichloropropane
Concen: 20.481 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :
B-13-GW02

Tgt Ion: 75 Resp: 88265
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.615 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034268.D
Acq: 24 Feb 2023 17:01

Tgt Ion: 75 Resp: 88265
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

