

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022680.D
 Acq On : 11 Jun 2021 20:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 12 02:33:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

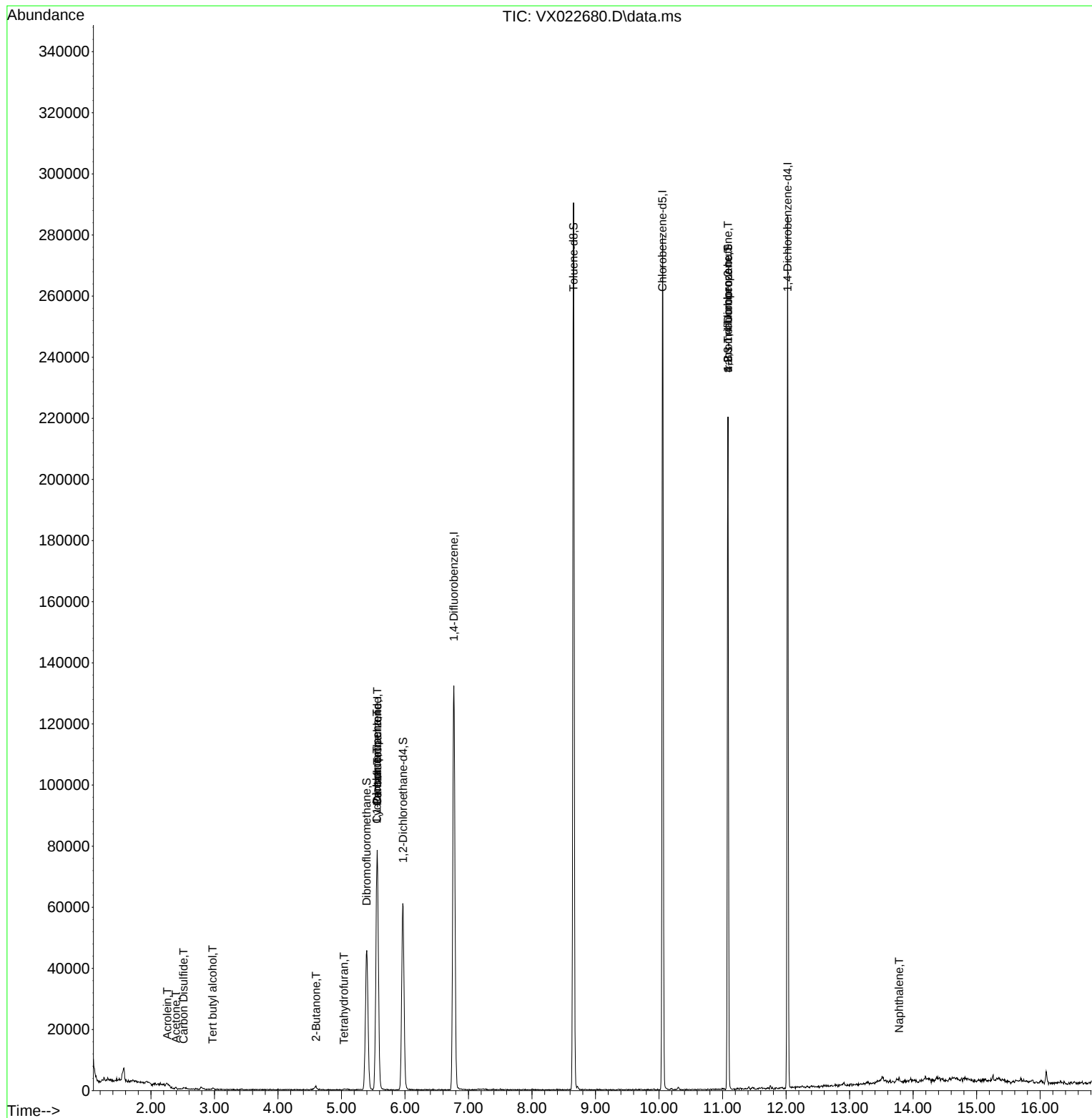
Internal Standards						
1) Pentafluorobenzene	5.562	168	64928	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	129985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	54864	46.984	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.960%		
35) Dibromofluoromethane	5.397	113	39158	47.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.440%		
50) Toluene-d8	8.653	98	161096	49.276	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.560%		
62) 4-Bromofluorobenzene	11.085	95	58395	47.228	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.460%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	434	1.605	ug/l	# 73
13) Acrolein	2.258	56	94	0.830	ug/l	# 14
16) Acetone	2.392	43	554	1.060	ug/l	92
17) Carbon Disulfide	2.514	76	730	0.412	ug/l	# 90
25) 2-Butanone	4.599	43	241	0.284	ug/l	# 45
29) Tetrahydrofuran	5.038	42	216	0.437	ug/l	# 27
31) Cyclohexane	5.556	56	2043	1.450	ug/l	# 11
36) 1,1-Dichloropropene	5.556	75	6788	5.241	ug/l	# 45
38) Carbon Tetrachloride	5.562	117	7906	7.136	ug/l	# 18
76) 1,2,3-Trichloropropane	11.085	75	31111	24.225	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	31111	61.181	ug/l	# 12
95) Naphthalene	13.780	128	1018	1.715	ug/l	96

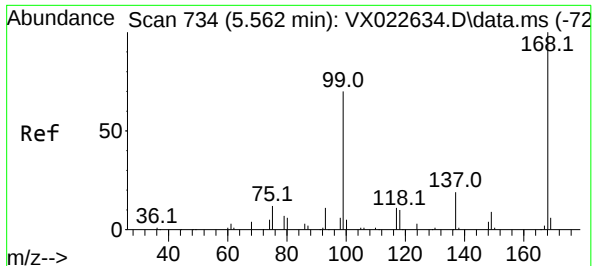
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
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IBLK

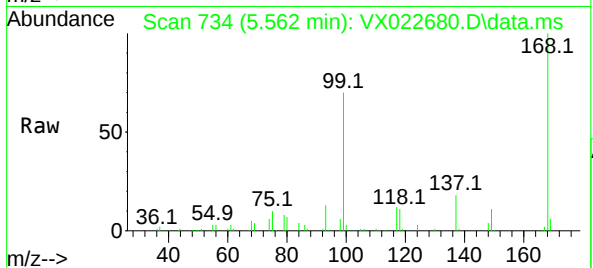
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



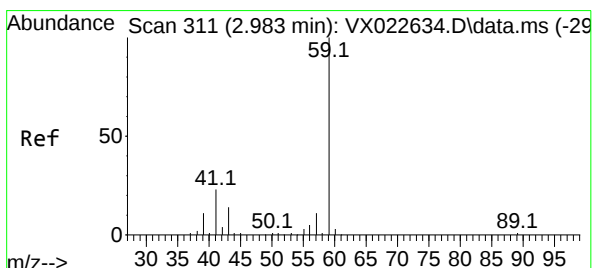
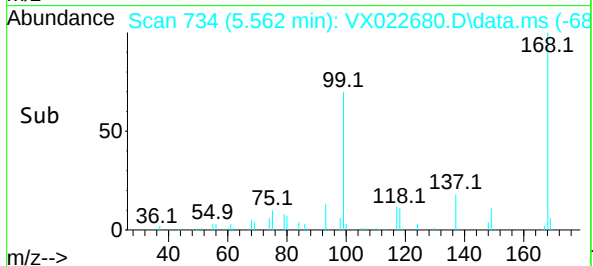
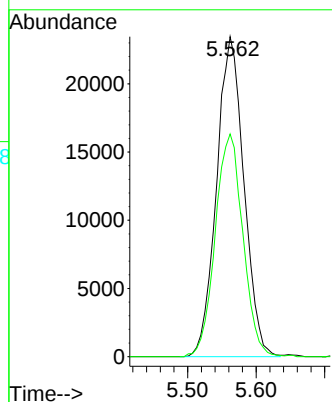


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

Instrument :
MSVOA_X
ClientSampleId :
IBLK

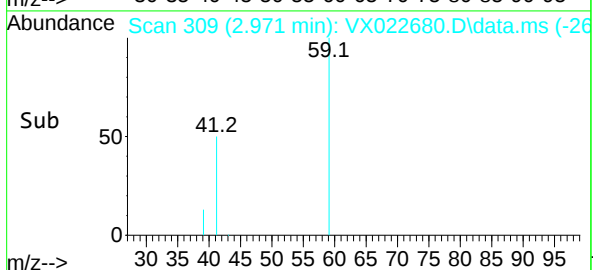
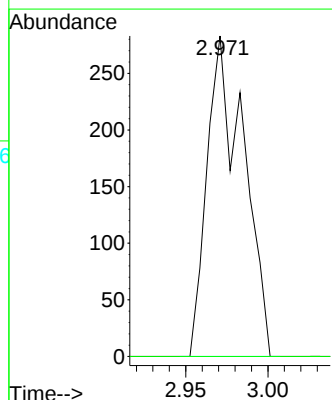
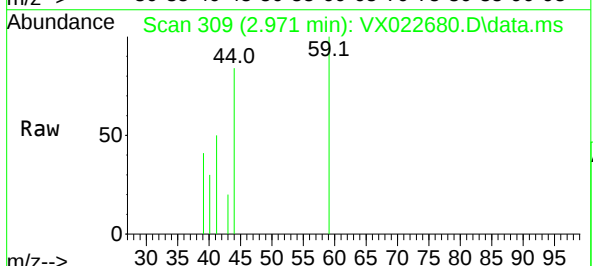


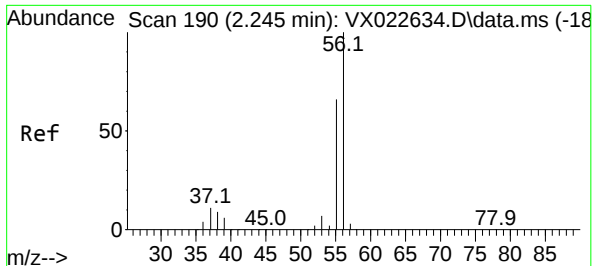
Tgt Ion:168 Resp: 64928
Ion Ratio Lower Upper
168 100
99 69.6 45.8 68.6#



#11
Tert butyl alcohol
Concen: 1.605 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

Tgt Ion: 59 Resp: 434
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

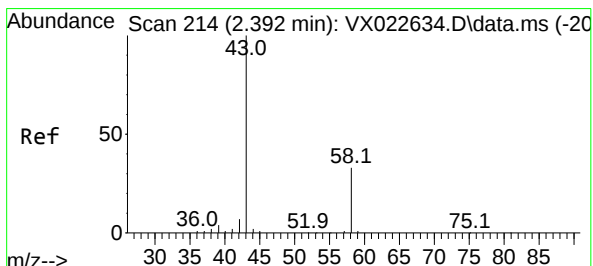
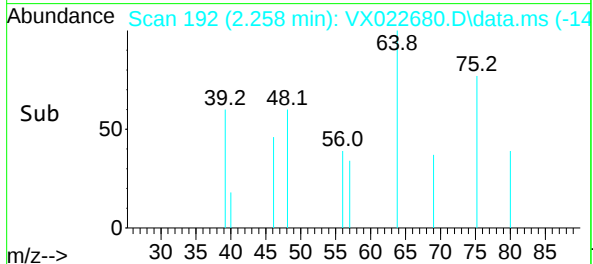
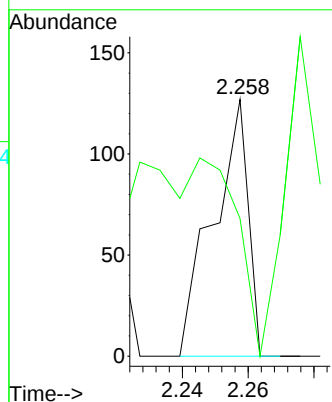
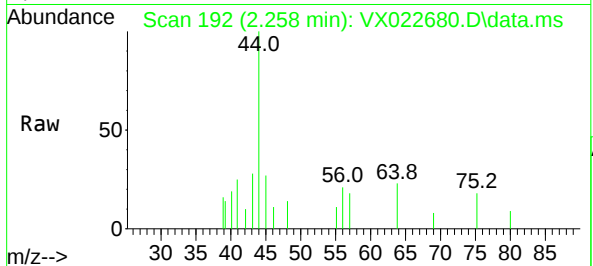




#13
Acrolein
Concen: 0.830 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.019 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

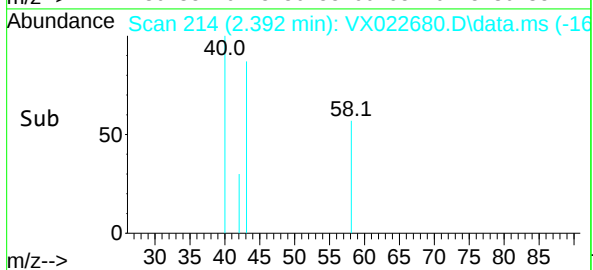
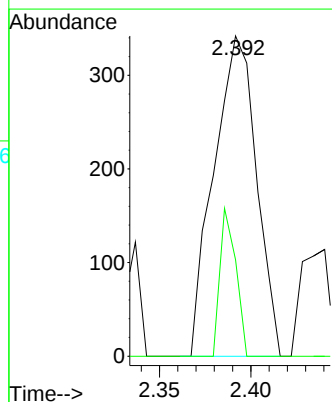
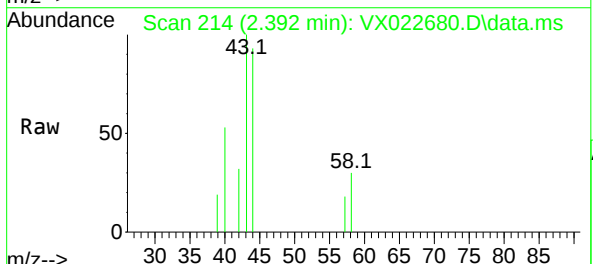
Instrument :
MSVOA_X
ClientSampled :
IBLK

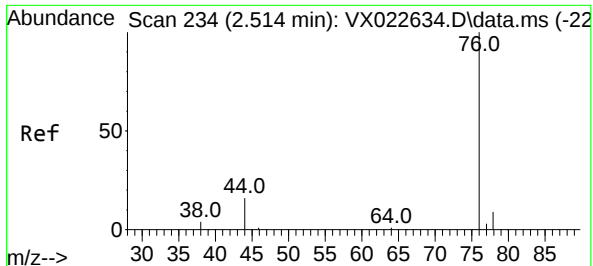
Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.060 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
58 30.1 27.8 41.8

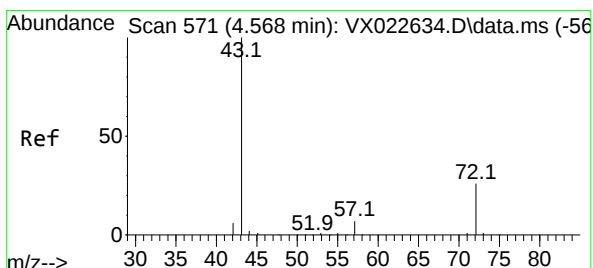
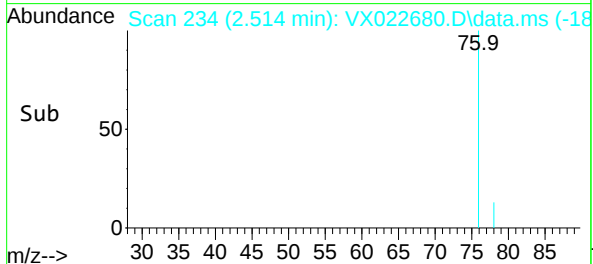
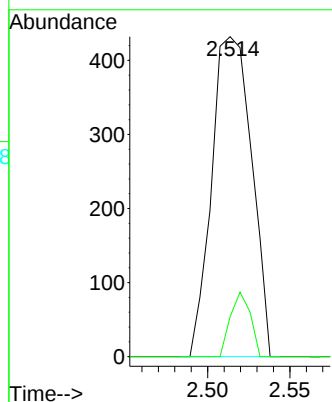
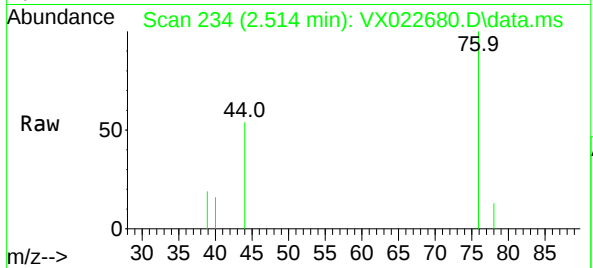




#17
Carbon Disulfide
Concen: 0.412 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

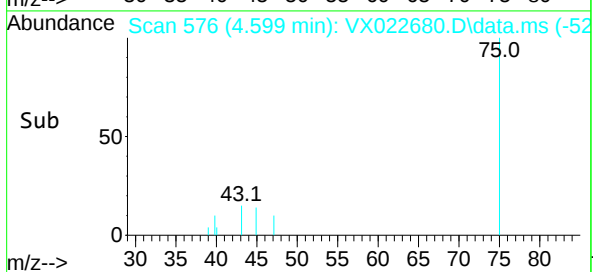
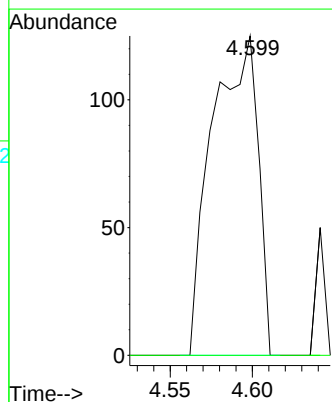
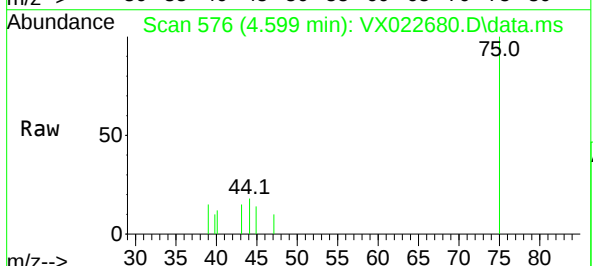
Instrument :
MSVOA_X
ClientSampled :
IBLK

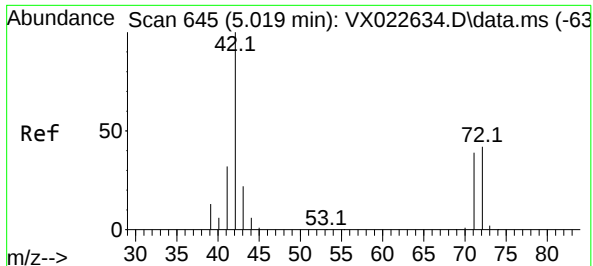
Tgt Ion: 76 Resp: 730
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#



#25
2-Butanone
Concen: 0.284 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.437 ug/l

RT: 5.038 min Scan# 648

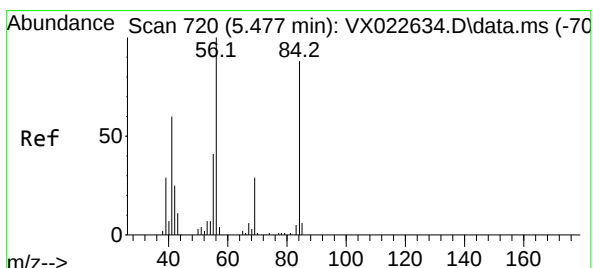
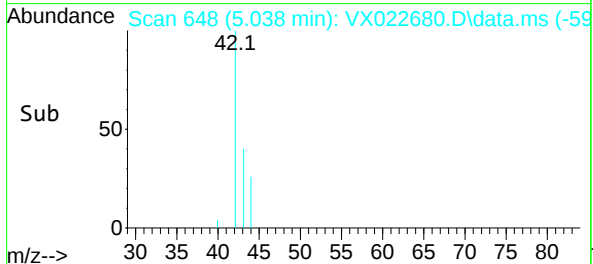
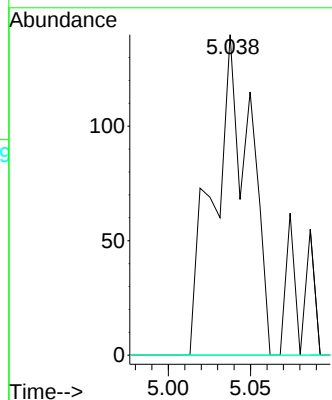
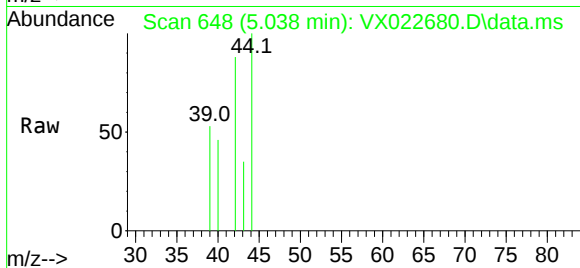
Delta R.T. 0.025 min

Lab File: VX022680.D

Acq: 11 Jun 2021 20:15

Tgt Ion:	42	Resp:	216
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :
IBLK



#31

Cyclohexane

Concen: 1.450 ug/l

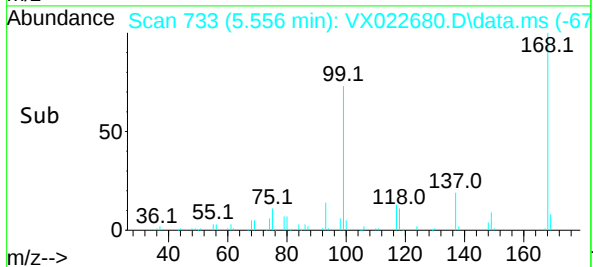
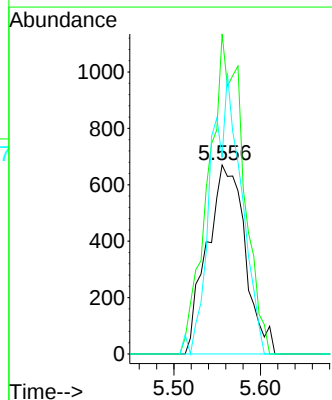
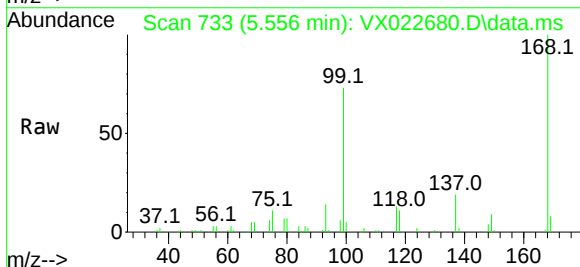
RT: 5.556 min Scan# 733

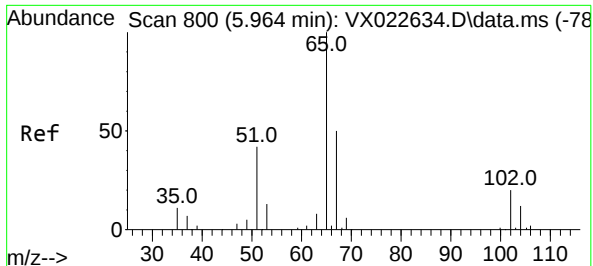
Delta R.T. 0.079 min

Lab File: VX022680.D

Acq: 11 Jun 2021 20:15

Tgt Ion:	56	Resp:	2043
Ion	Ratio	Lower	Upper
56	100		
69	169.4	25.3	37.9#
84	119.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 46.984 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022680.D

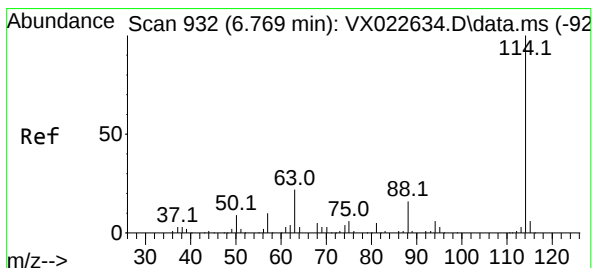
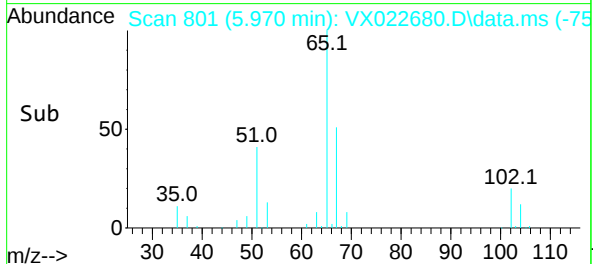
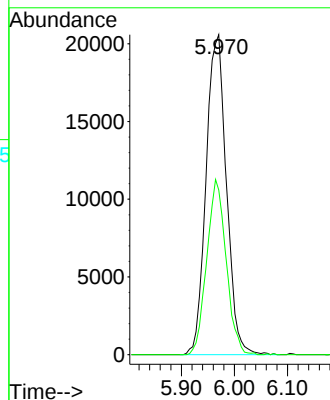
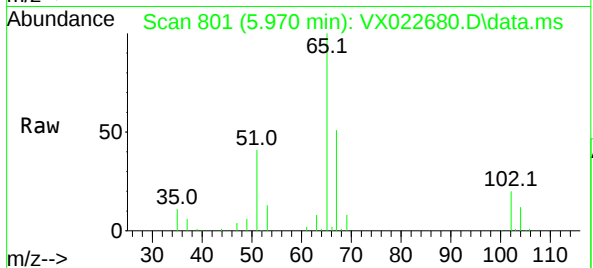
Acq: 11 Jun 2021 20:15

Tgt Ion: 65 Resp: 54864

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX022680.D

Acq: 11 Jun 2021 20:15

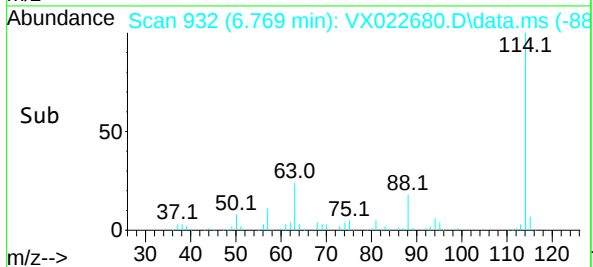
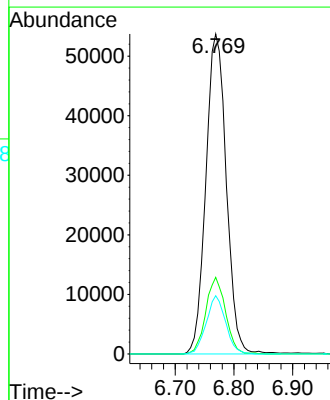
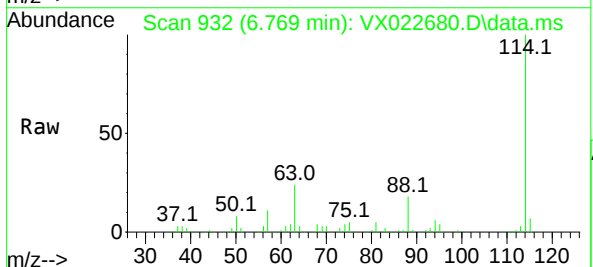
Tgt Ion: 114 Resp: 129985

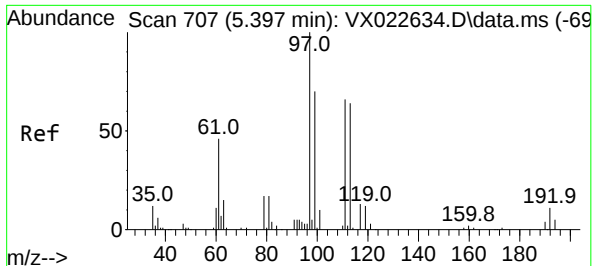
Ion Ratio Lower Upper

114 100

63 24.0 0.0 40.8

88 18.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.216 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022680.D

Acq: 11 Jun 2021 20:15

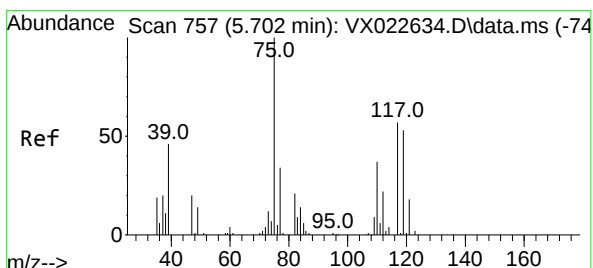
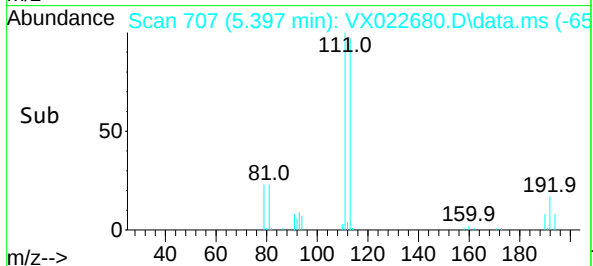
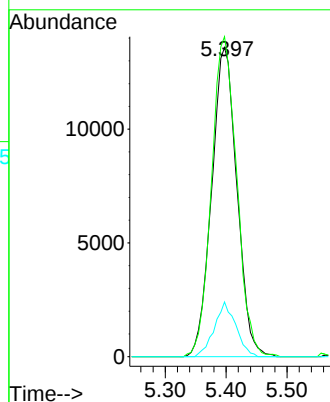
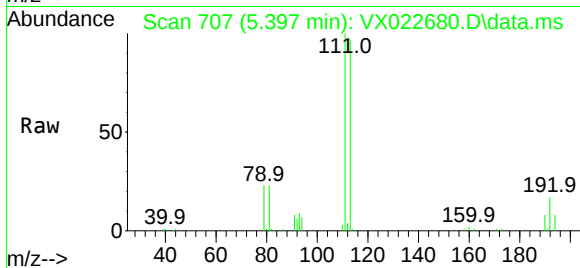
Tgt Ion:113 Resp: 39158

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 15.1 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.241 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022680.D

Acq: 11 Jun 2021 20:15

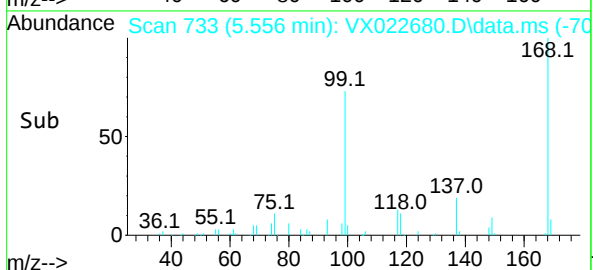
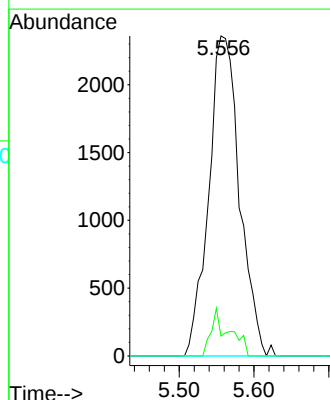
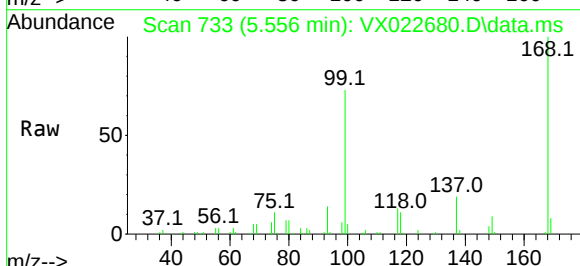
Tgt Ion: 75 Resp: 6788

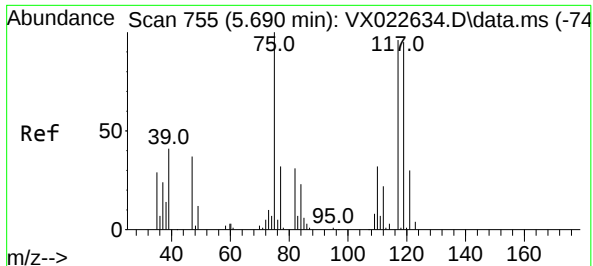
Ion Ratio Lower Upper

75 100

110 5.2 18.1 54.4#

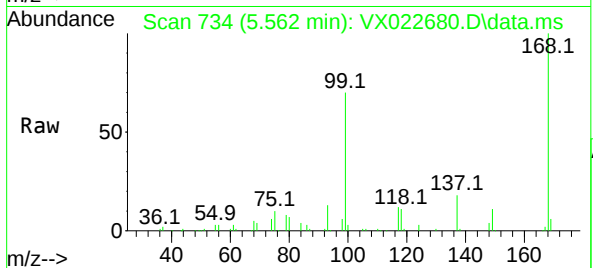
77 0.0 25.3 37.9#



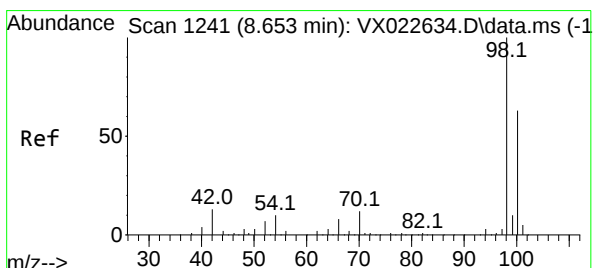
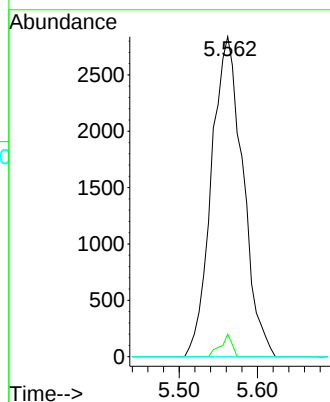
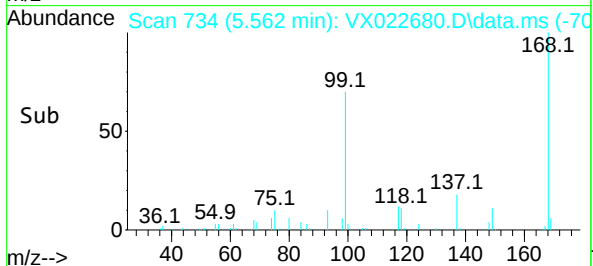


#38
Carbon Tetrachloride
Concen: 7.136 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

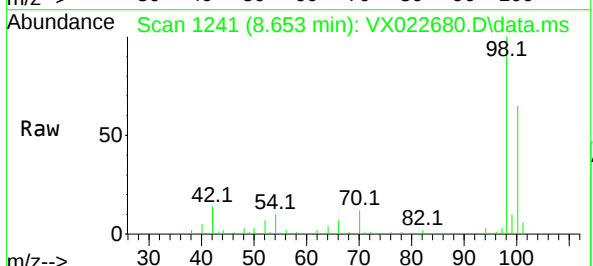
Instrument :
MSVOA_X
ClientSampleId :
IBLK



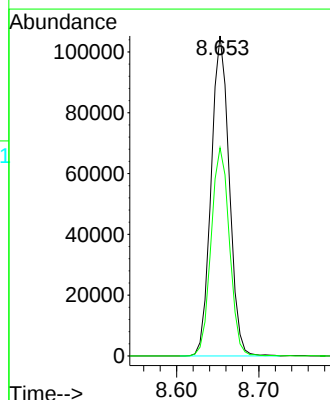
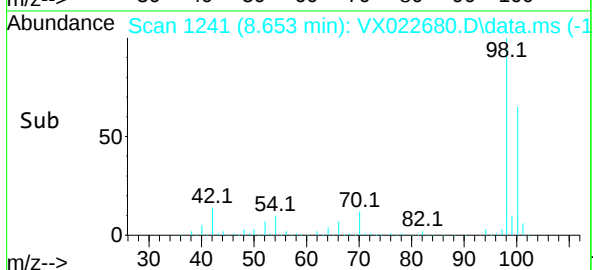
Tgt Ion:117 Resp: 7906
Ion Ratio Lower Upper
117 100
119 7.0 76.2 114.2#
121 0.0 24.8 37.2#

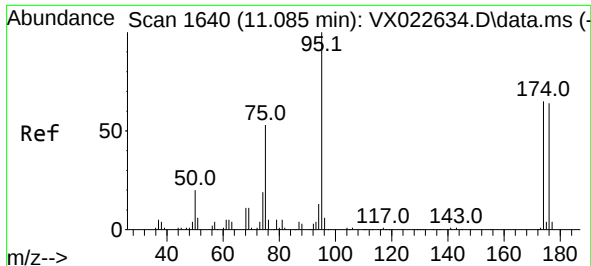


#50
Toluene-d8
Concen: 49.276 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15



Tgt Ion: 98 Resp: 161096
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

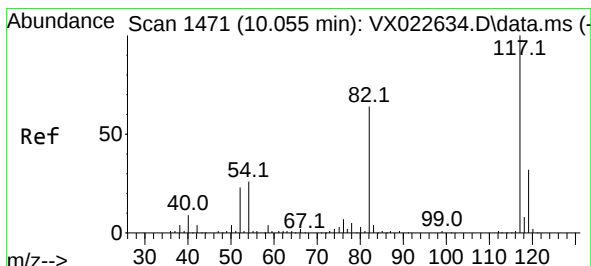
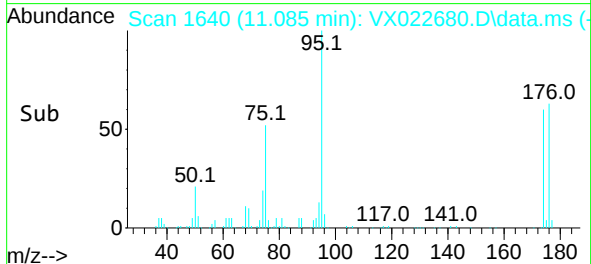
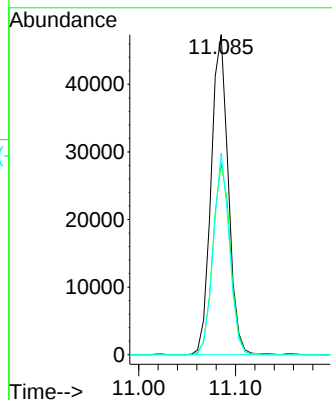
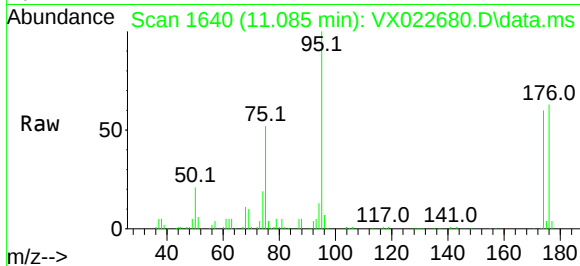




#62
4-Bromofluorobenzene
Concen: 47.228 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

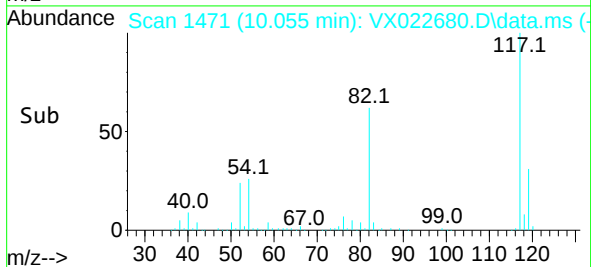
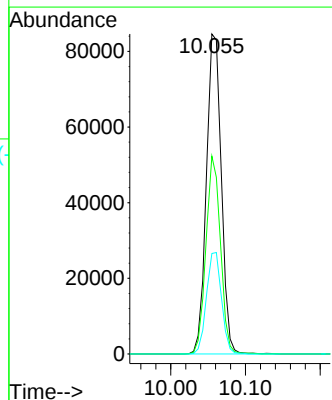
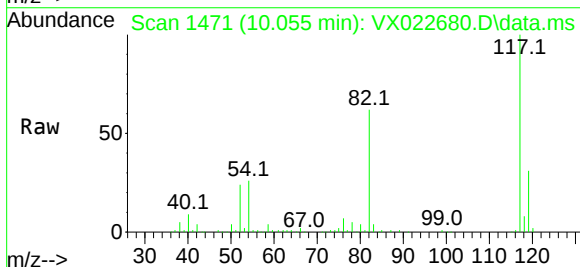
Instrument :
MSVOA_X
ClientSampled :
IBLK

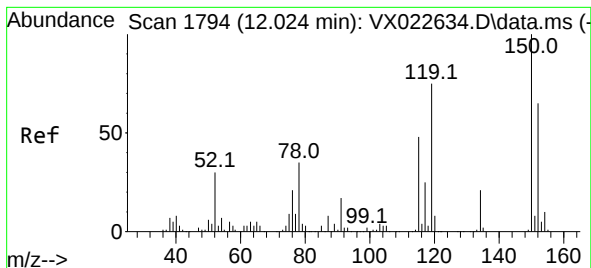
Tgt Ion: 95 Resp: 58395
Ion Ratio Lower Upper
95 100
174 60.5 0.0 154.6
176 59.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

Tgt Ion: 117 Resp: 117325
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 31.4 26.6 39.8

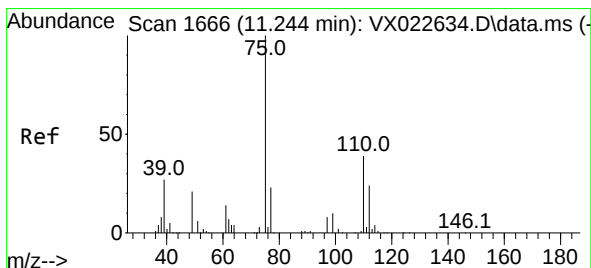
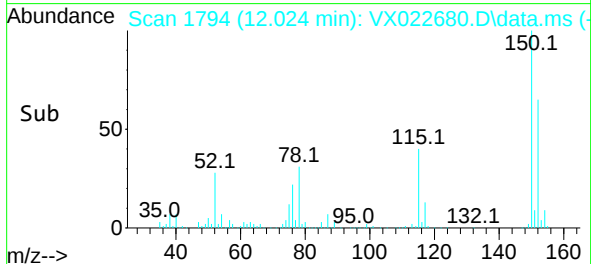
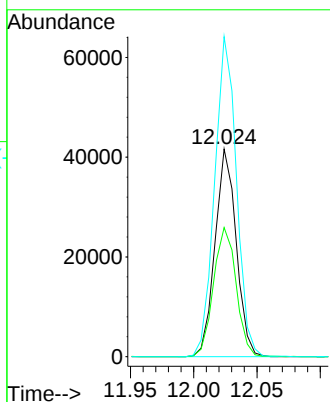
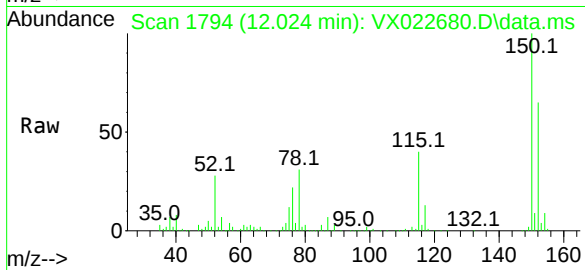




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

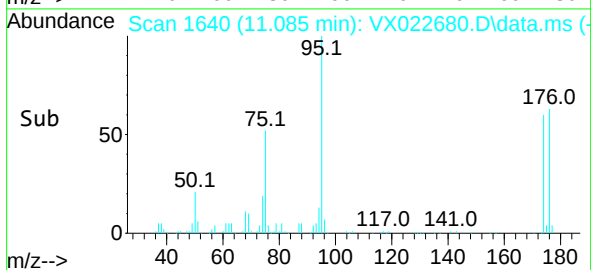
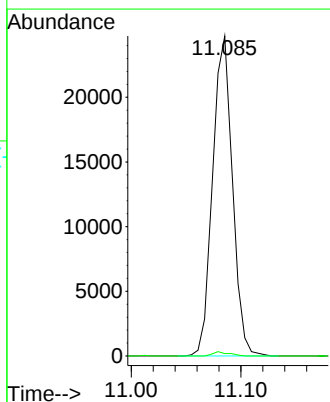
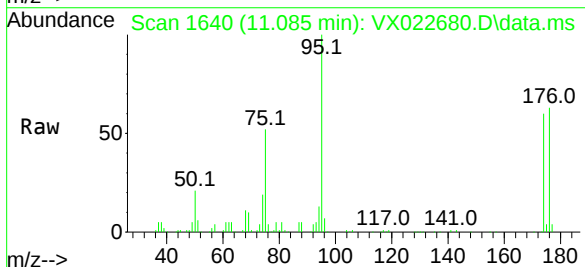
Instrument :
MSVOA_X
ClientSampled :
IBLK

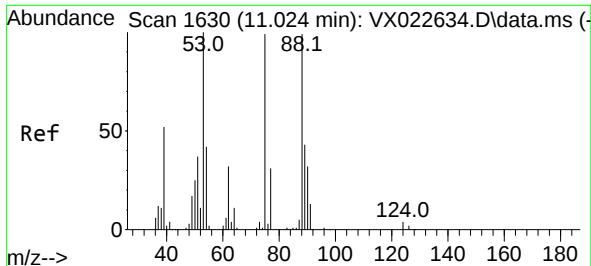
Tgt Ion:152 Resp: 48437
Ion Ratio Lower Upper
152 100
115 66.5 41.1 123.3
150 158.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.225 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

Tgt Ion: 75 Resp: 31111
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

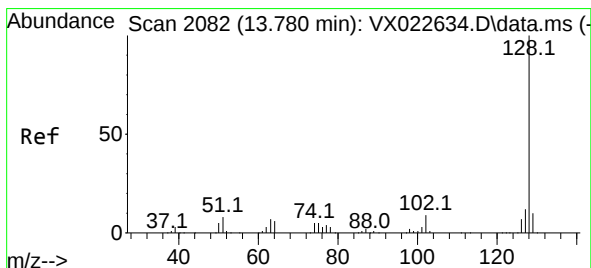
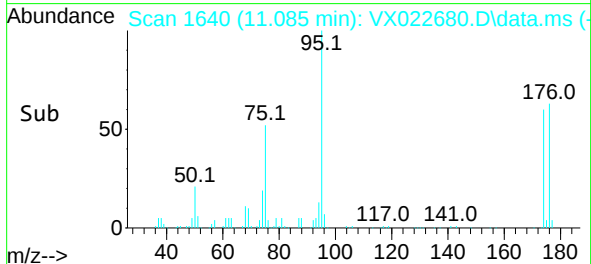
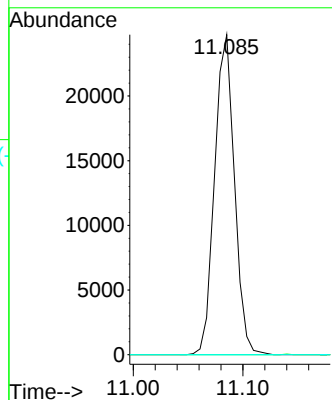
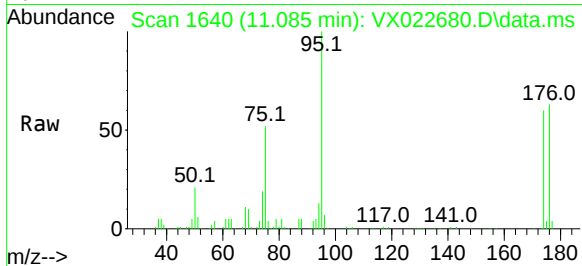




#81
trans-1,4-Dichloro-2-butene
Concen: 61.181 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion: 75 Resp: 31111
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.715 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022680.D
Acq: 11 Jun 2021 20:15

Tgt Ion:128 Resp: 1018
Ion Ratio Lower Upper
128 100
127 10.4 10.3 15.5
129 11.6 8.8 13.2

