

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022366.D
 Acq On : 03 Jun 2021 15:13
 Operator : JC/MD
 Sample : M2567-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:51:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

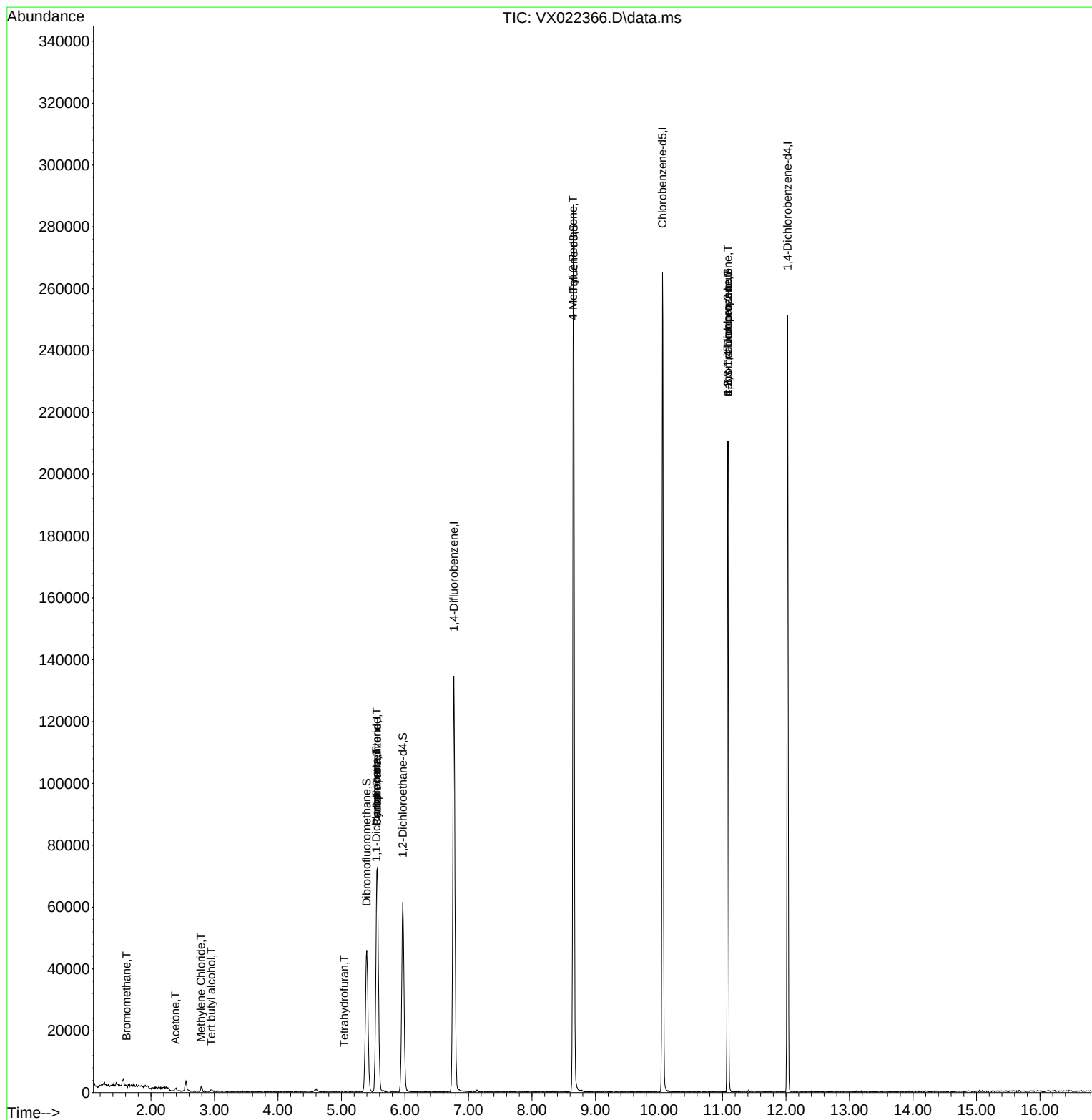
Internal Standards						
1) Pentafluorobenzene	5.556	168	62038	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	133571	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53949	56.37	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.74%	
35) Dibromofluoromethane	5.398	113	40101	47.34	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.68%	
50) Toluene-d8	8.653	98	163432	50.09	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.18%	
62) 4-Bromofluorobenzene	11.086	95	55853	46.31	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.62%	
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	133	0.27	ug/l	# 2
11) Tert butyl alcohol	2.947	59	400	1.83	ug/l	# 73
16) Acetone	2.386	43	1151	2.76	ug/l	# 72
20) Methylene Chloride	2.788	84	710	0.77	ug/l	# 68
29) Tetrahydrofuran	5.044	42	87	0.22	ug/l	# 44
31) Cyclohexane	5.556	56	1555	1.29	ug/l	# 7
36) 1,1-Dichloropropene	5.550	75	5967	4.83	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	7440	6.16	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	883	0.60	ug/l	# 1
76) 1,2,3-Trichloropropane	11.086	75	29174	26.38	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.086	75	29174	62.51	ug/l	# 12

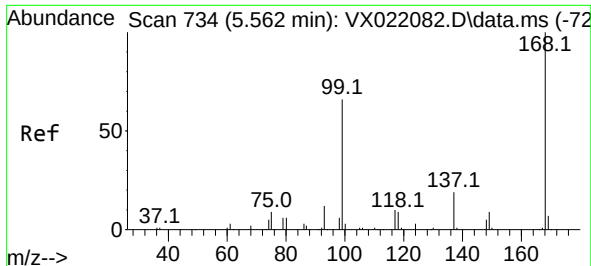
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jun 04 03:51:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

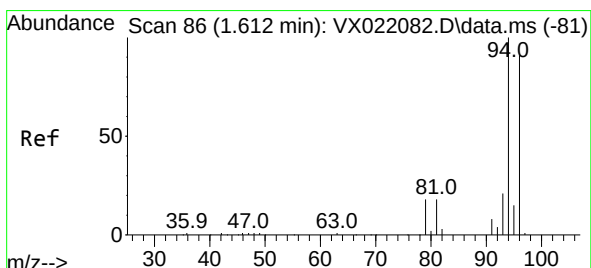
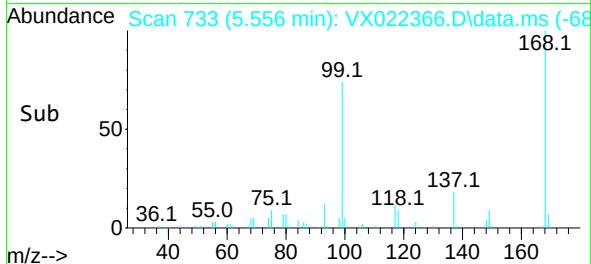
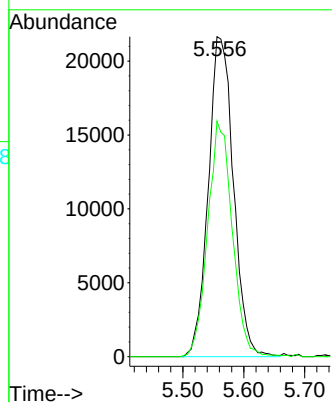
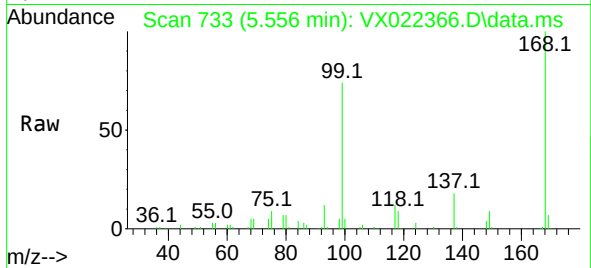




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022366.D
Acq: 03 Jun 2021 15:13

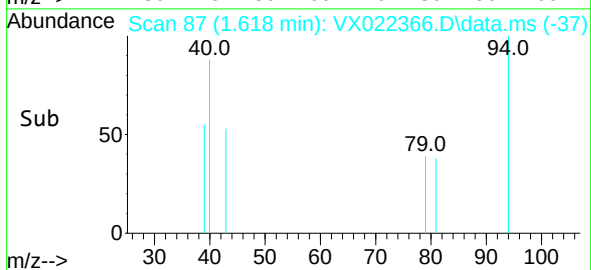
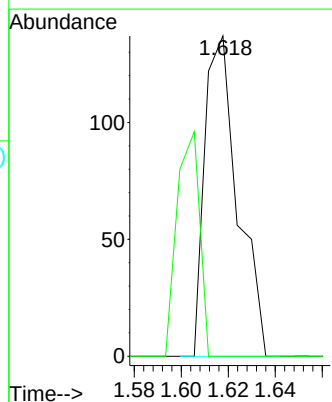
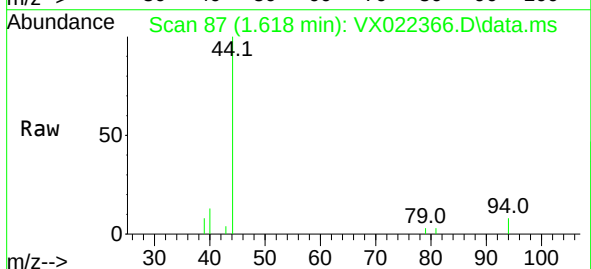
Instrument :
MSVOA_X
ClientSampled :

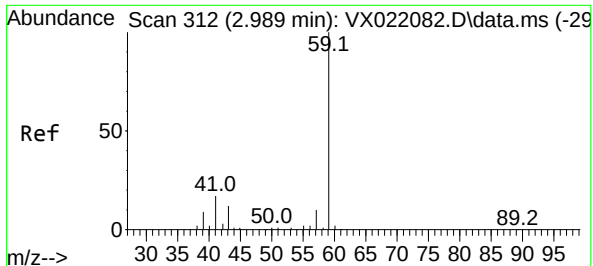
Tgt Ion:168 Resp: 62038
Ion Ratio Lower Upper
168 100
99 73.6 45.8 68.6#



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022366.D
Acq: 03 Jun 2021 15:13

Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#





#11

Tert butyl alcohol

Concen: 1.83 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX022366.D

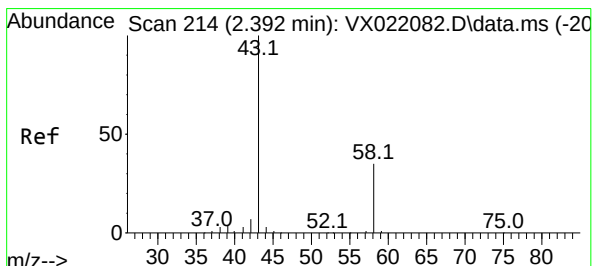
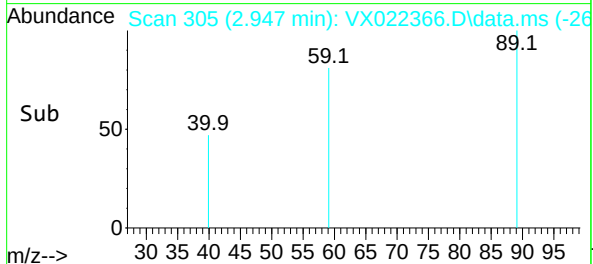
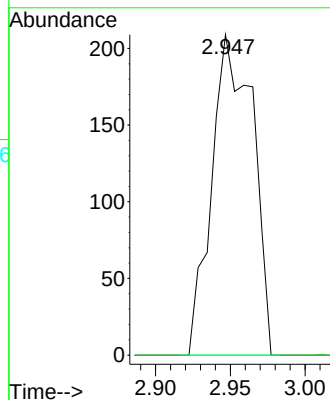
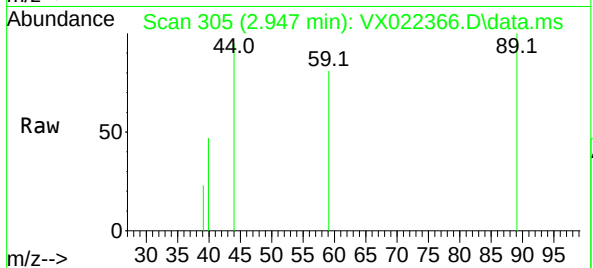
Acq: 03 Jun 2021 15:13

Tgt Ion: 59 Resp: 400

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 2.76 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022366.D

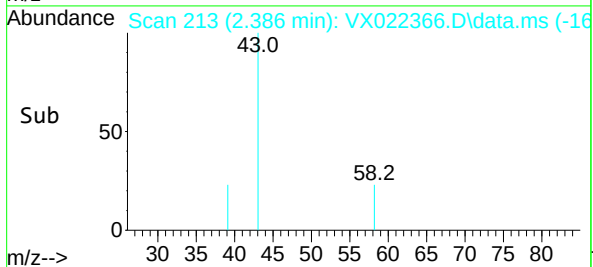
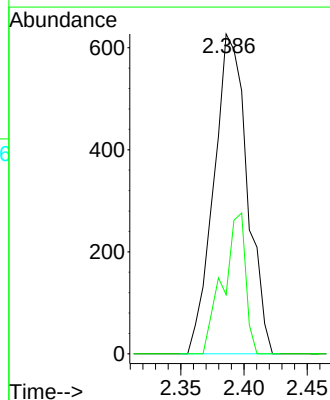
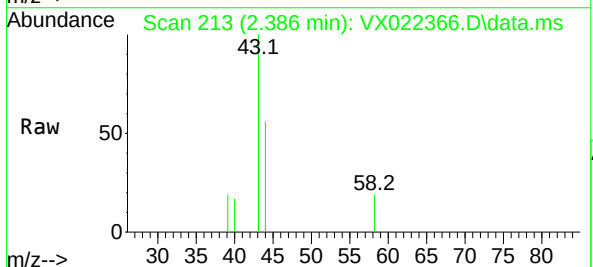
Acq: 03 Jun 2021 15:13

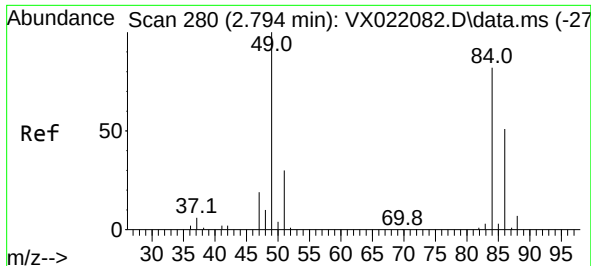
Tgt Ion: 43 Resp: 1151

Ion Ratio Lower Upper

43 100

58 18.5 27.8 41.8#





#20

Methylene Chloride

Concen: 0.77 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022366.D

Acq: 03 Jun 2021 15:13

Tgt Ion: 84 Resp: 710

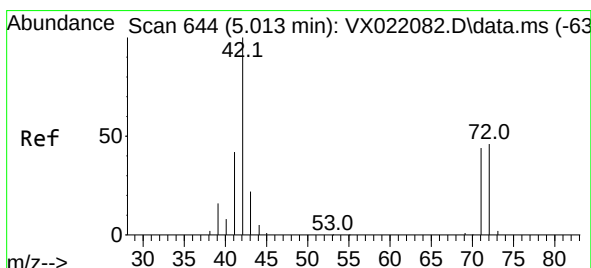
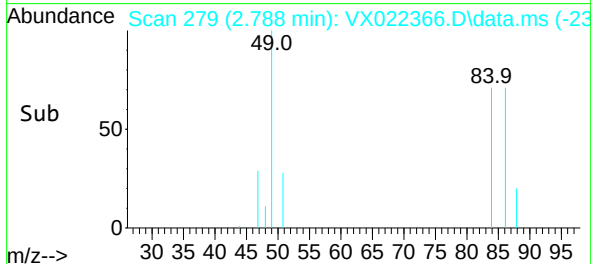
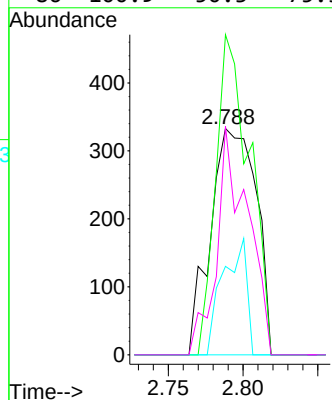
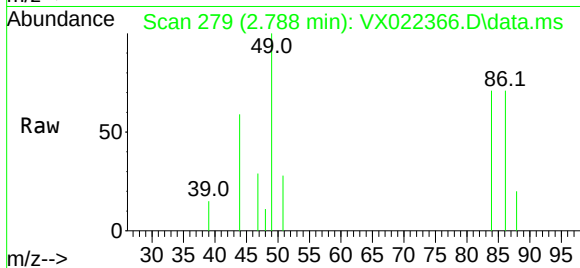
Ion Ratio Lower Upper

84 100

49 141.4 88.6 132.8#

51 39.0 27.0 40.6

86 100.9 50.3 75.5#



#29

Tetrahydrofuran

Concen: 0.22 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.031 min

Lab File: VX022366.D

Acq: 03 Jun 2021 15:13

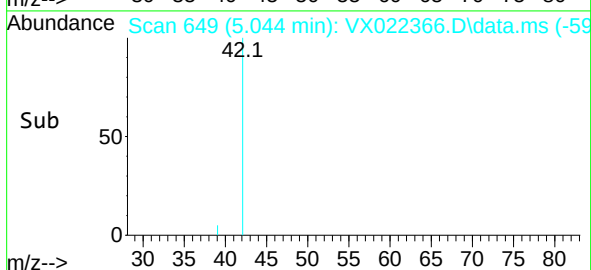
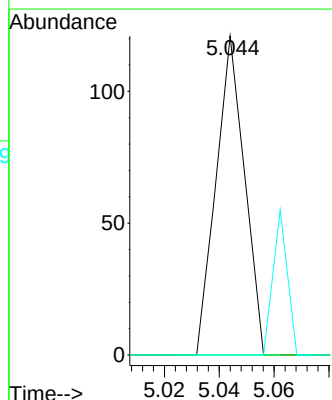
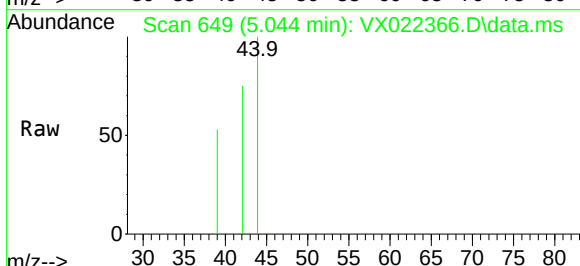
Tgt Ion: 42 Resp: 87

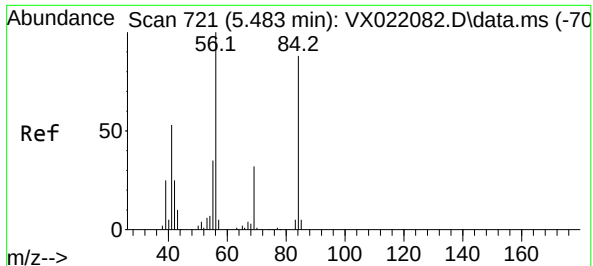
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 23.0 38.4 57.6#

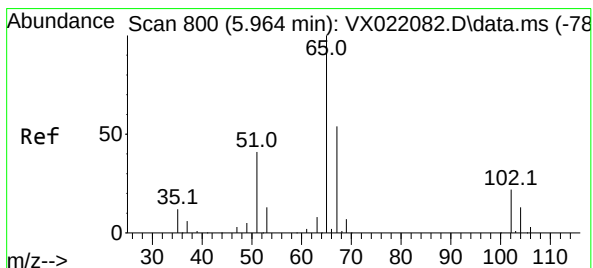
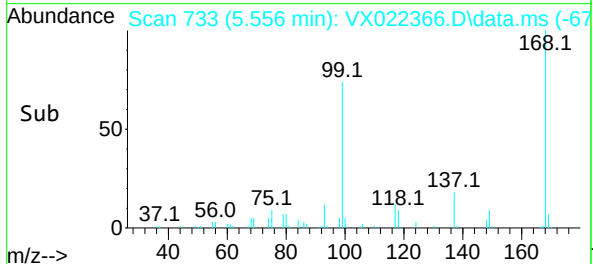
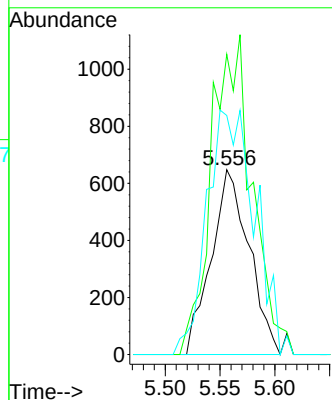
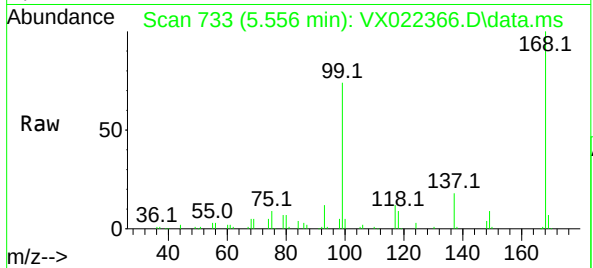




#31
Cyclohexane
Concen: 1.29 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022366.D
Acq: 03 Jun 2021 15:13

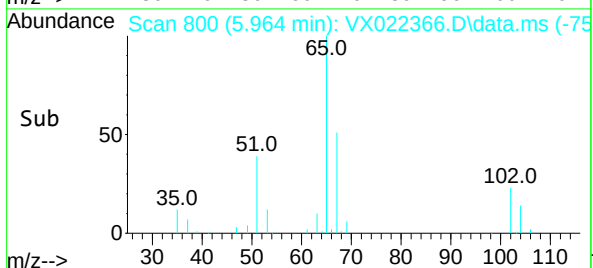
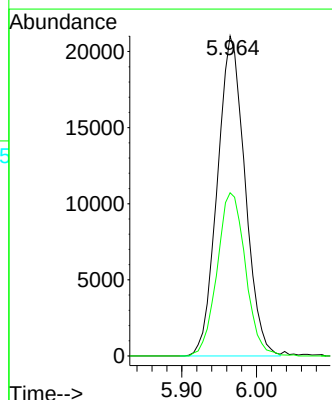
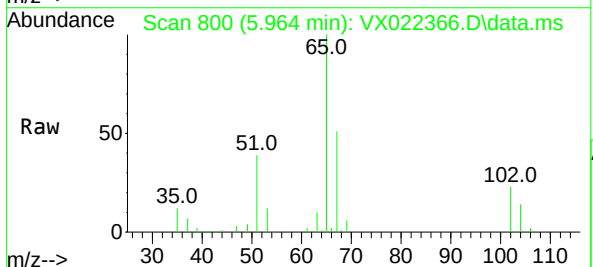
Instrument :
MSVOA_X
ClientSampleId :

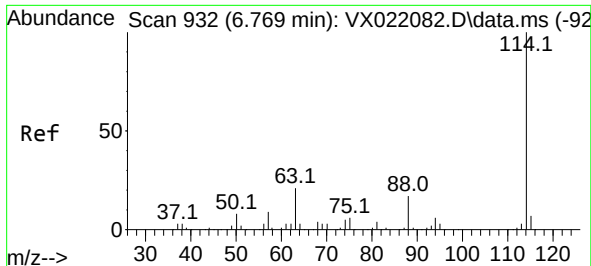
Tgt Ion: 56 Resp: 1555
Ion Ratio Lower Upper
56 100
69 162.3 25.3 37.9#
84 129.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 56.37 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022366.D
Acq: 03 Jun 2021 15:13

Tgt Ion: 65 Resp: 53949
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

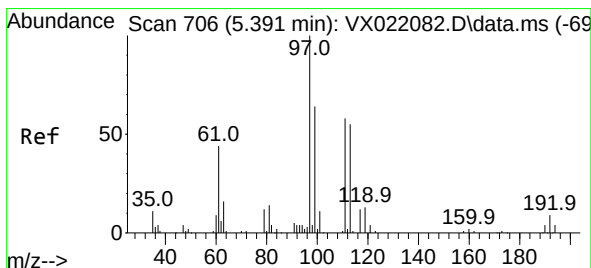
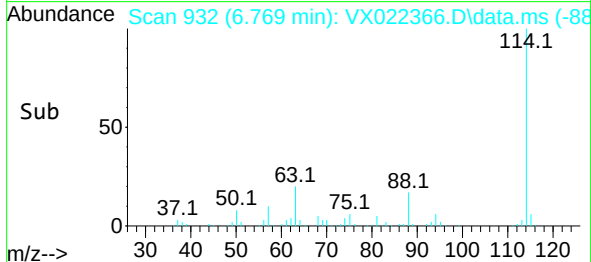
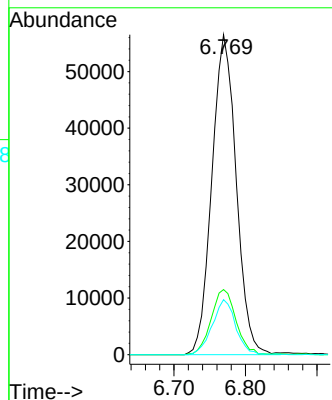
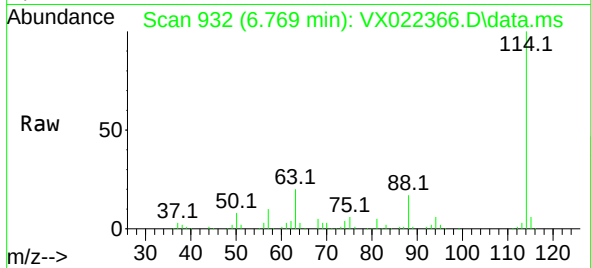




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022366.D
Acq: 03 Jun 2021 15:13

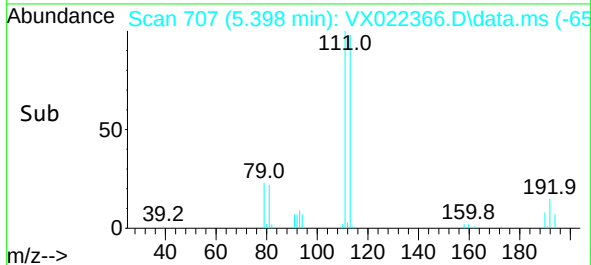
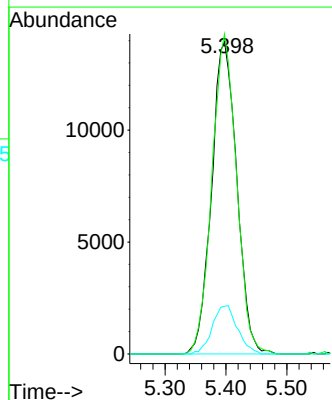
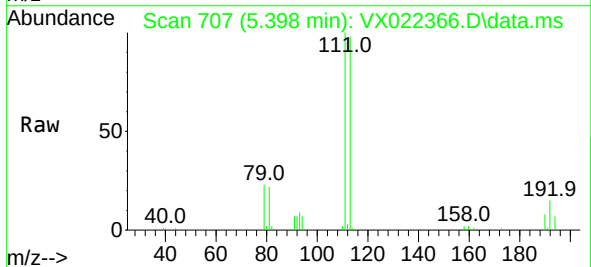
Instrument :
MSVOA_X
ClientSampled :

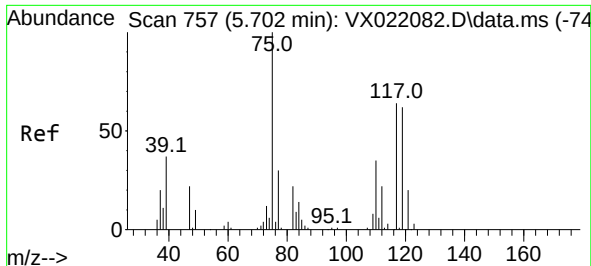
Tgt Ion:114 Resp: 133571
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.34 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.007 min
Lab File: VX022366.D
Acq: 03 Jun 2021 15:13

Tgt Ion:113 Resp: 40101
Ion Ratio Lower Upper
113 100
111 100.0 81.9 122.9
192 15.5 16.7 25.1#

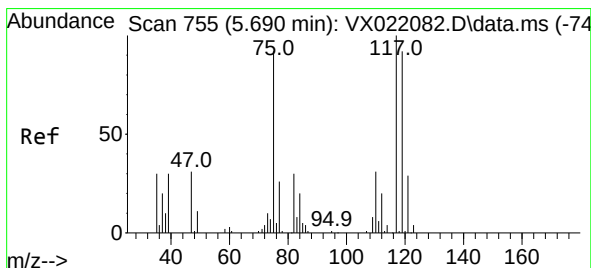
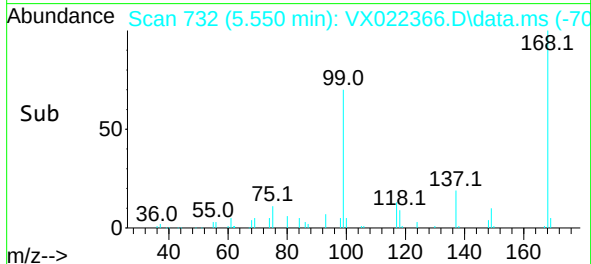
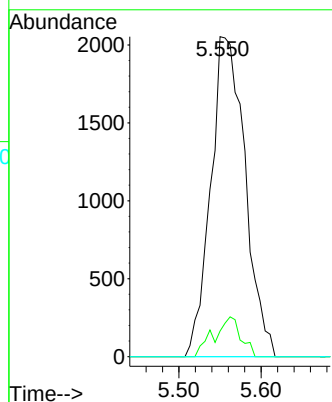
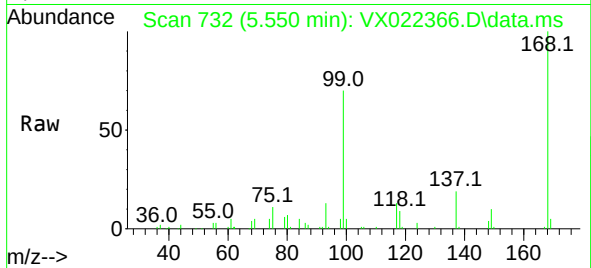




#36
1,1-Dichloropropene
Concen: 4.83 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022366.D
Acq: 03 Jun 2021 15:13

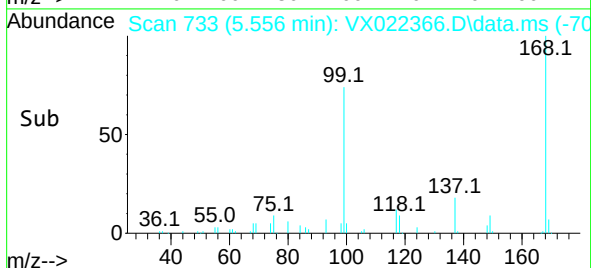
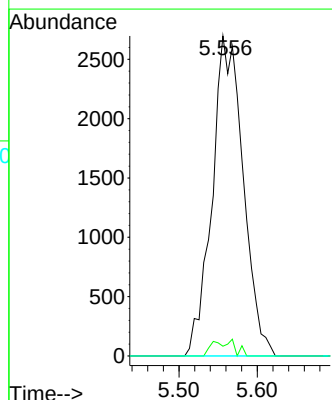
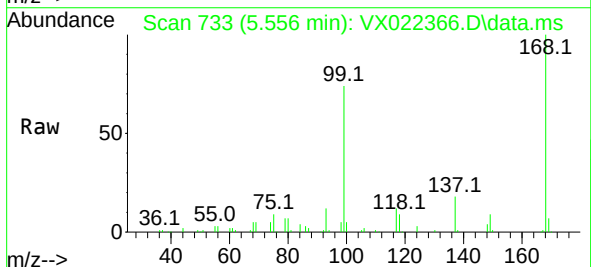
Instrument :
MSVOA_X
ClientSampled :

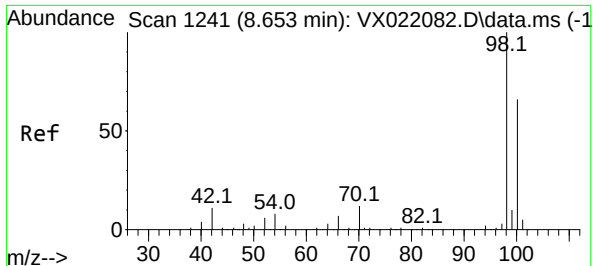
Tgt Ion: 75 Resp: 5967
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.16 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022366.D
Acq: 03 Jun 2021 15:13

Tgt Ion: 117 Resp: 7440
Ion Ratio Lower Upper
117 100
119 3.0 76.2 114.2#
121 0.0 24.8 37.2#

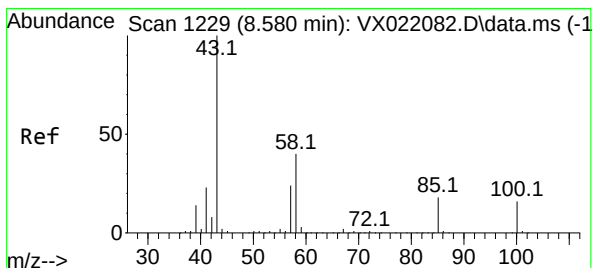
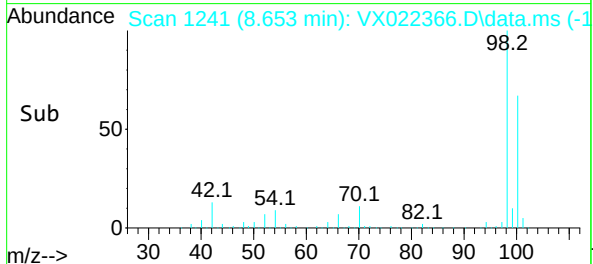
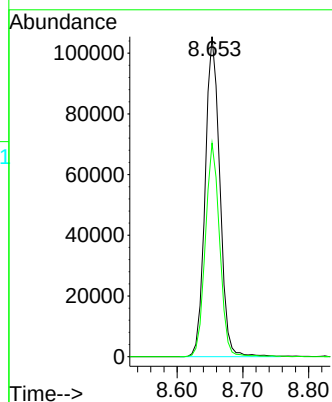
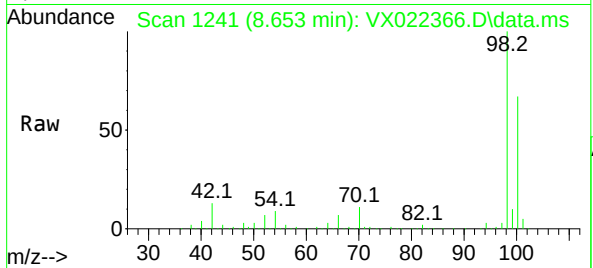




#50
Toluene-d8
Concen: 50.09 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022366.D
Acq: 03 Jun 2021 15:13

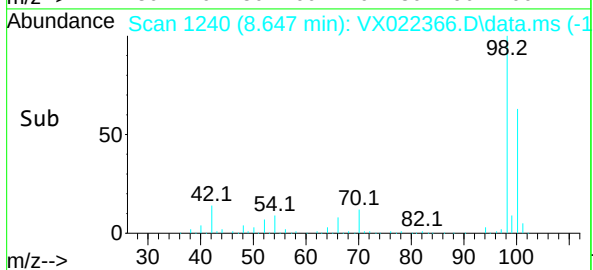
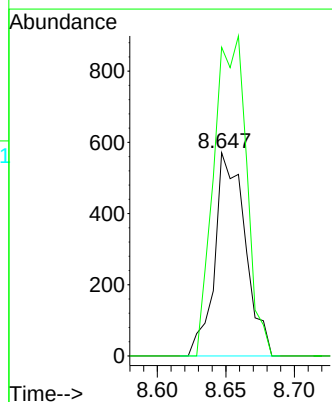
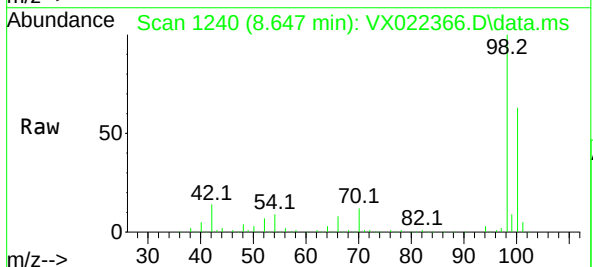
Instrument :
MSVOA_X
ClientSampled :

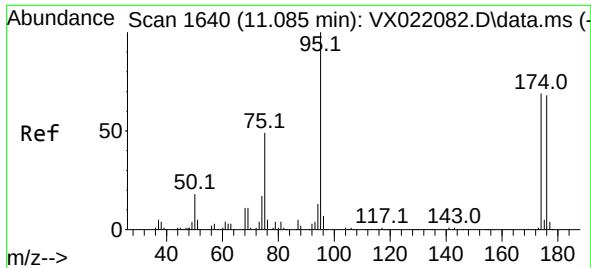
Tgt Ion: 98 Resp: 163432
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022366.D
Acq: 03 Jun 2021 15:13

Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
58 168.9 35.4 53.0#

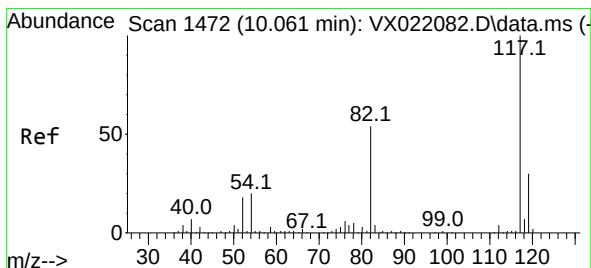
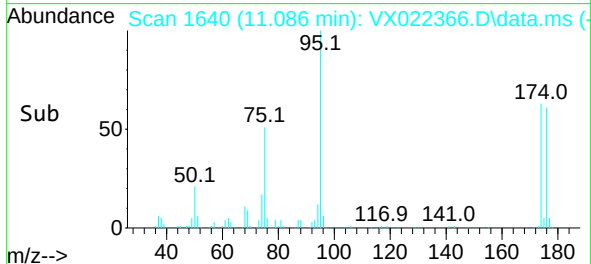
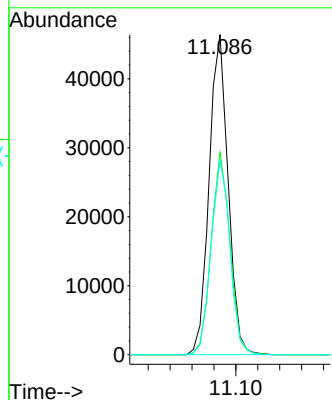
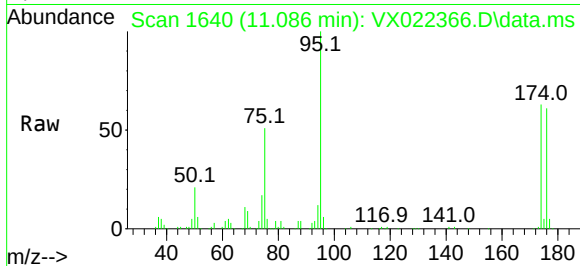




#62
4-Bromofluorobenzene
Concen: 46.31 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX022366.D
Acq: 03 Jun 2021 15:13

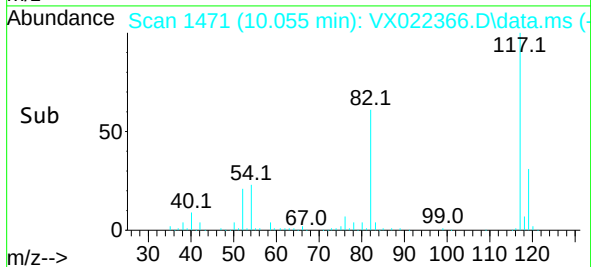
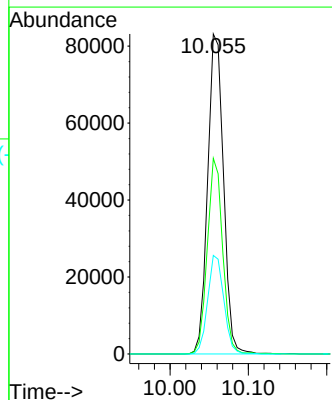
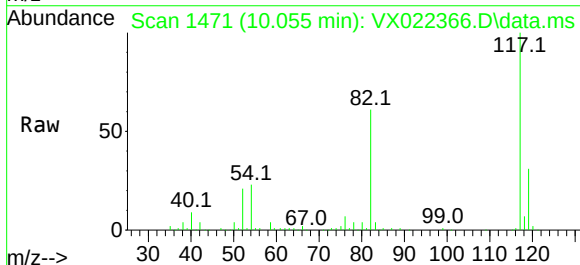
Instrument :
MSVOA_X
ClientSampled :

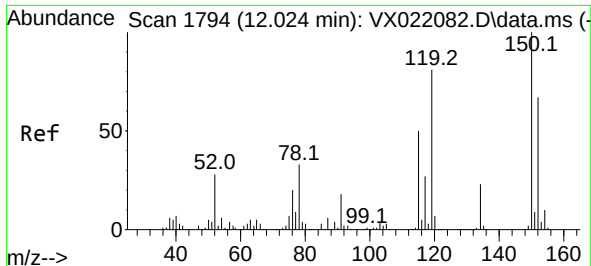
Tgt Ion: 95 Resp: 55853
Ion Ratio Lower Upper
95 100
174 62.2 0.0 154.6
176 60.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022366.D
Acq: 03 Jun 2021 15:13

Tgt Ion: 117 Resp: 116546
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 30.8 26.6 39.8

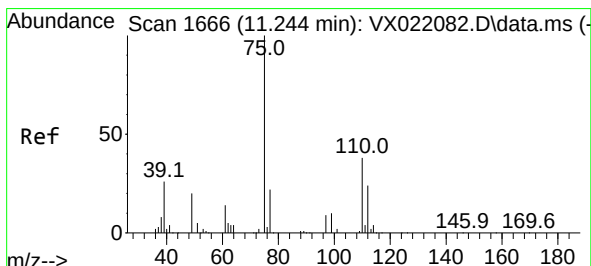
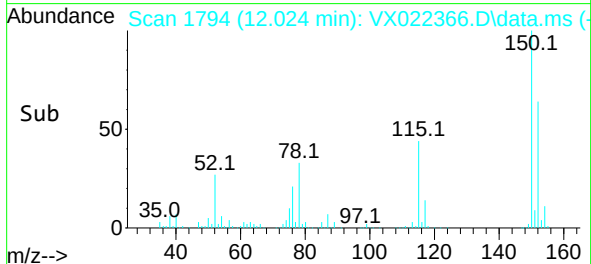
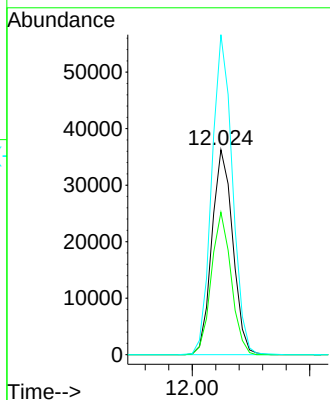
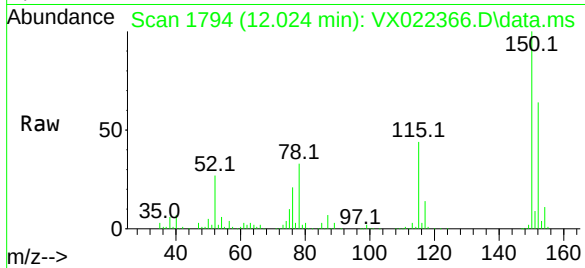




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022366.D
 Acq: 03 Jun 2021 15:13

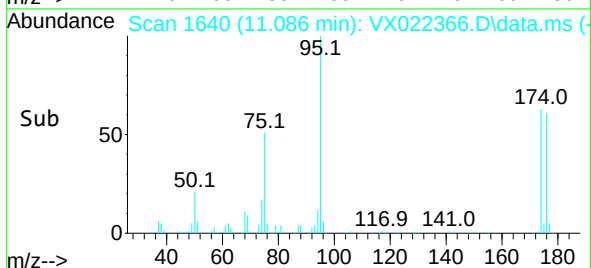
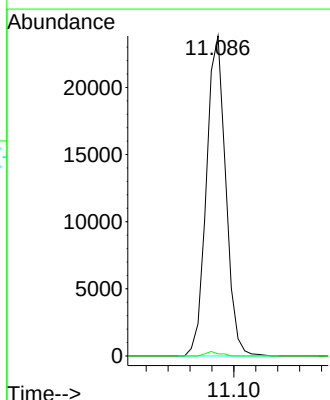
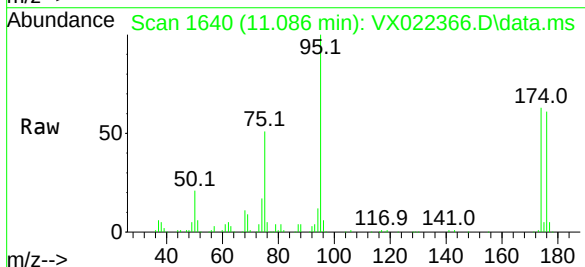
Instrument :
 MSVOA_X
 ClientSampled :

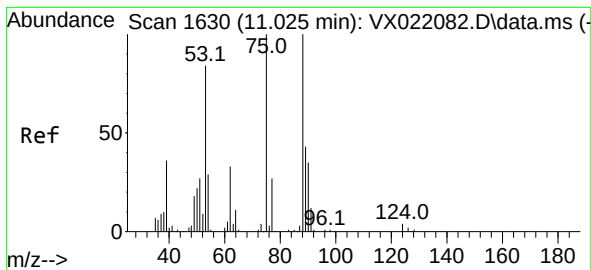
Tgt Ion:152 Resp: 44825
 Ion Ratio Lower Upper
 152 100
 115 65.7 41.1 123.3
 150 154.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.38 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX022366.D
 Acq: 03 Jun 2021 15:13

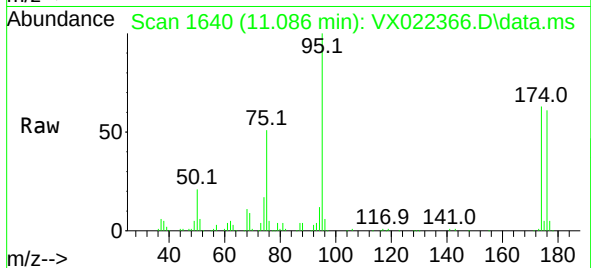
Tgt Ion: 75 Resp: 29174
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.51 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022366.D
 Acq: 03 Jun 2021 15:13

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 29174
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

