

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060721\
 Data File : VX022554.D
 Acq On : 08 Jun 2021 06:13
 Operator : JC/MD
 Sample : VX0607WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608MBL01

Quant Time: Jun 08 07:38:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

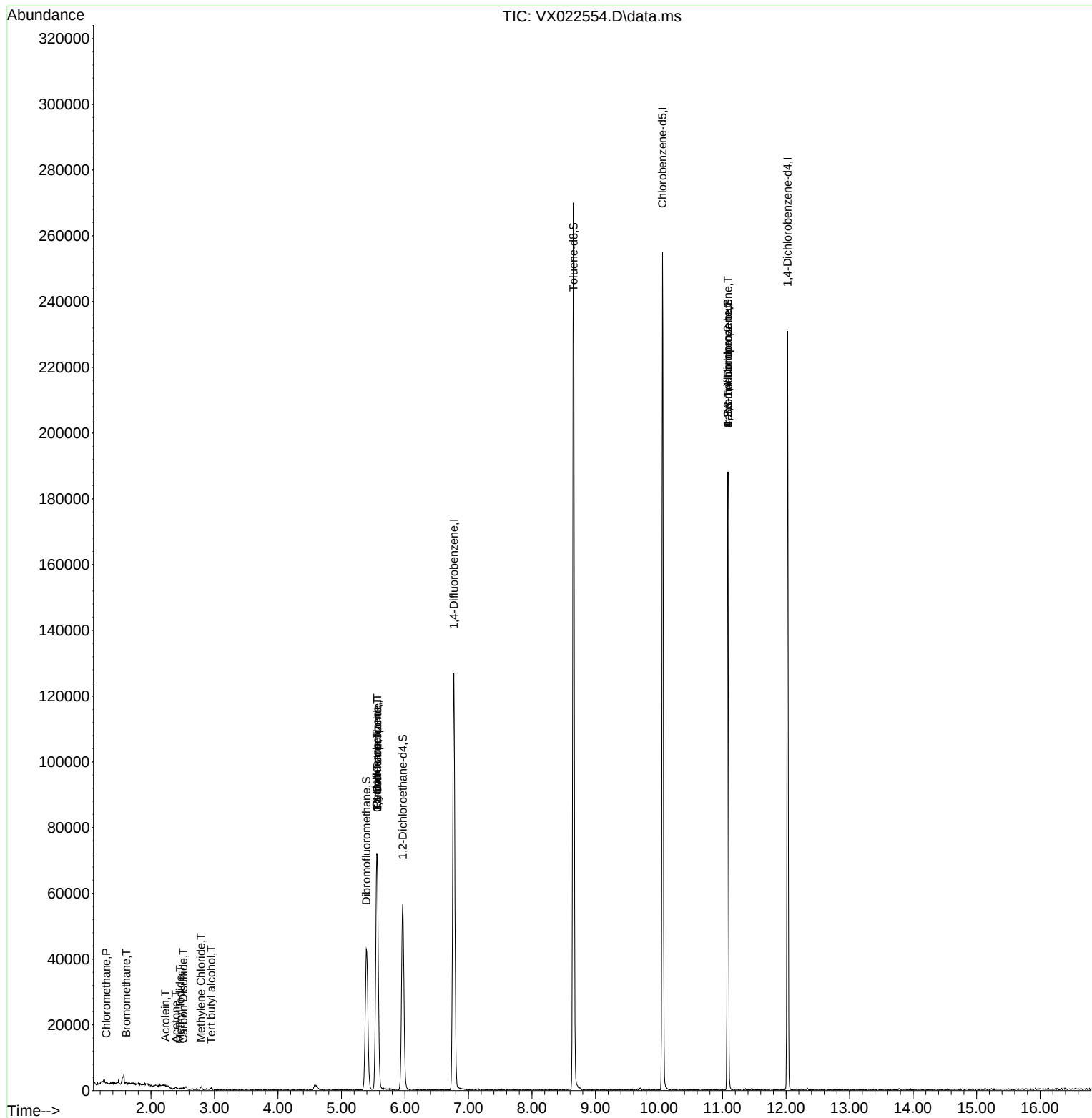
Internal Standards						
1) Pentafluorobenzene	5.556	168	62528	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	125862	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52346	47.091	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.180%
35) Dibromofluoromethane	5.391	113	36877	46.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.660%
50) Toluene-d8	8.653	98	154048	49.028	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.085	95	51846	44.393	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.780%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	237	0.269	ug/l	92
5) Bromomethane	1.611	94	94	0.208	ug/l	84
10) Methyl Iodide	2.459	142	383	0.424	ug/l	# 69
11) Tert butyl alcohol	2.947	59	280	1.123	ug/l	# 73
13) Acrolein	2.227	56	49	3.526	ug/l	# 14
16) Acetone	2.392	43	669	1.339	ug/l	# 71
17) Carbon Disulfide	2.508	76	400	3.572	ug/l	# 75
20) Methylene Chloride	2.788	84	417	0.400	ug/l	# 59
31) Cyclohexane	5.556	56	1746	1.328	ug/l	# 41
36) 1,1-Dichloropropene	5.562	75	6168	5.066	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	7222	8.202	ug/l	# 15
76) 1,2,3-Trichloropropane	11.085	75	28258	26.177	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	28258	64.504	ug/l	# 12

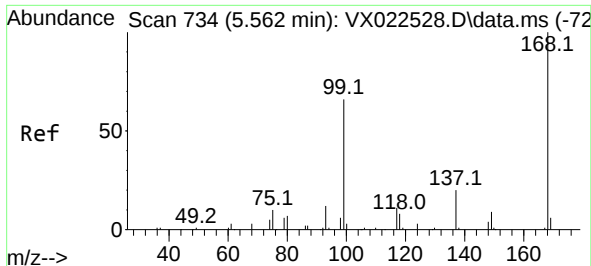
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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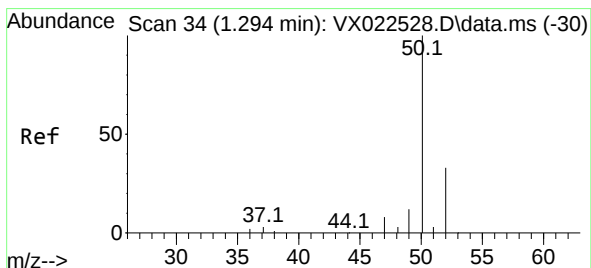
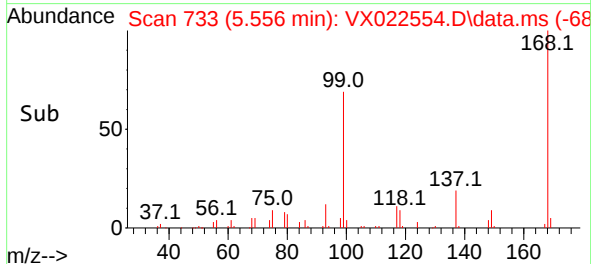
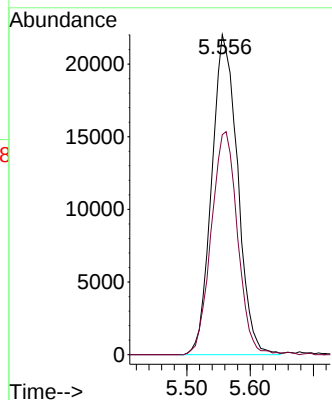
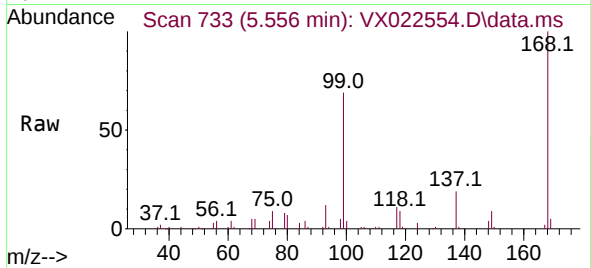




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

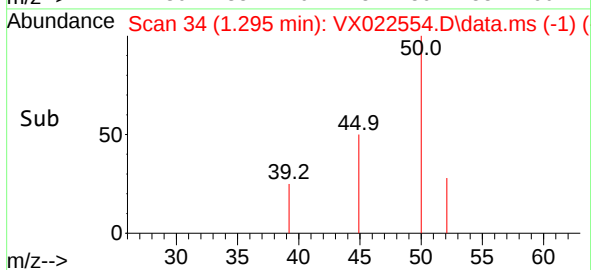
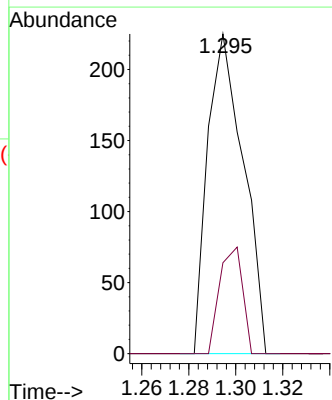
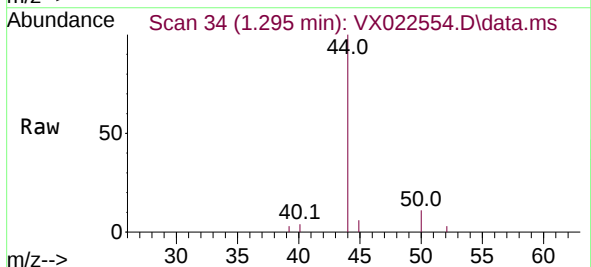
Instrument :
MSVOA_X
ClientSampleId :
VX0608MBL01

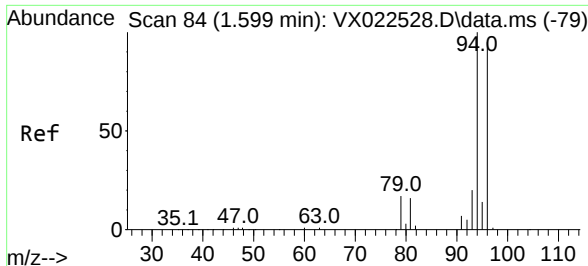
Tgt Ion:168 Resp: 62528
Ion Ratio Lower Upper
168 100
99 68.8 45.8 68.6#



#3
Chloromethane
Concen: 0.269 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

Tgt Ion: 50 Resp: 237
Ion Ratio Lower Upper
50 100
52 28.4 26.4 39.6

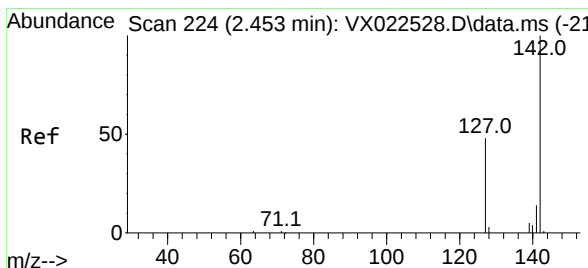
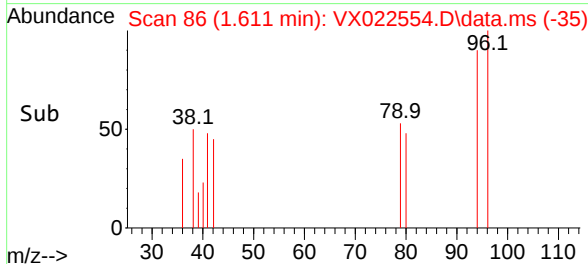
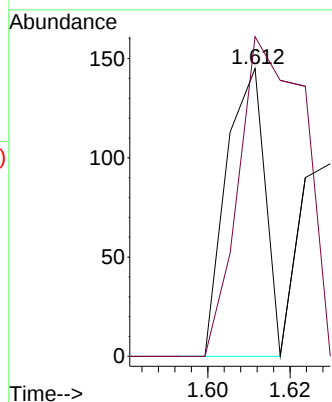
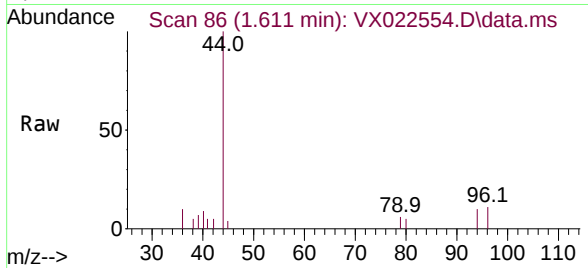




#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

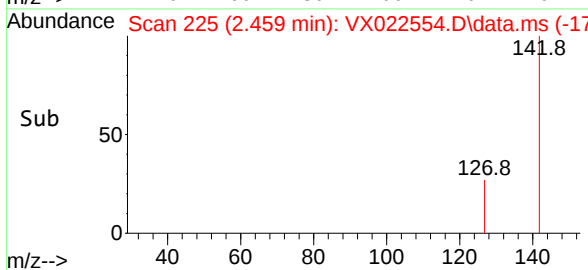
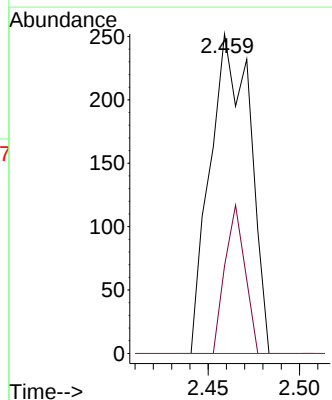
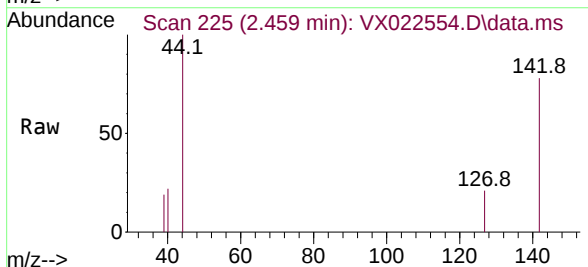
Instrument :
MSVOA_X
ClientSampleId :
VX0608MBL01

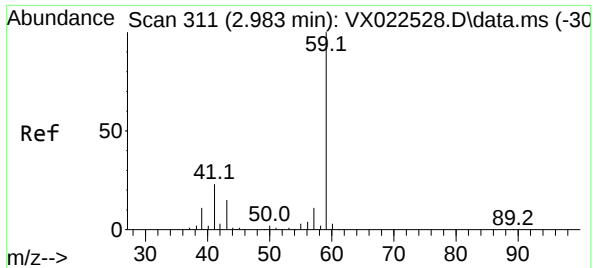
Tgt Ion: 94 Resp: 94
Ion Ratio Lower Upper
94 100
96 111.0 76.4 114.6



#10
Methyl Iodide
Concen: 0.424 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

Tgt Ion: 142 Resp: 383
Ion Ratio Lower Upper
142 100
127 23.2 33.3 49.9#
141 0.0 11.4 17.0#

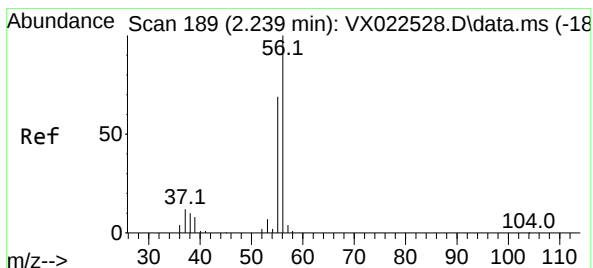
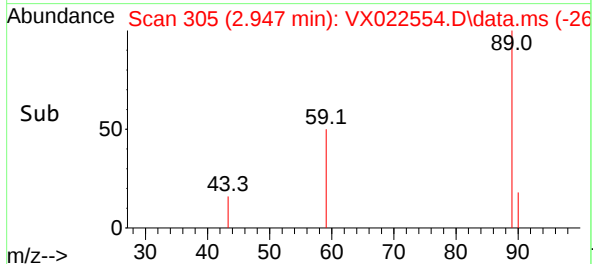
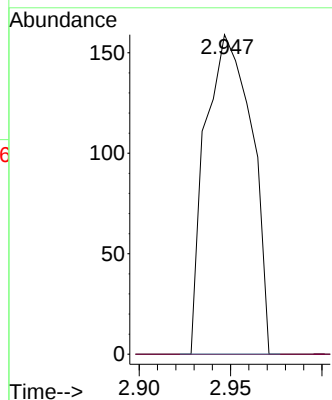
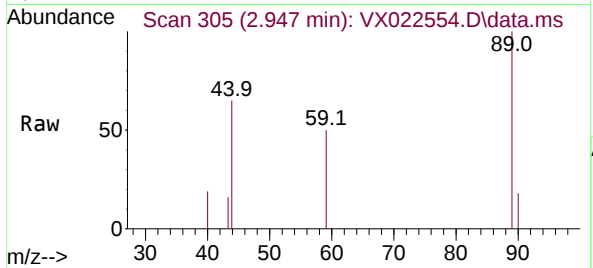




#11
Tert butyl alcohol
Concen: 1.123 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

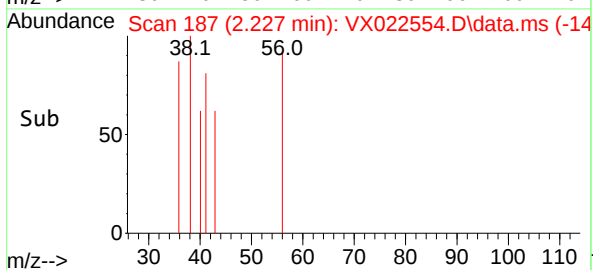
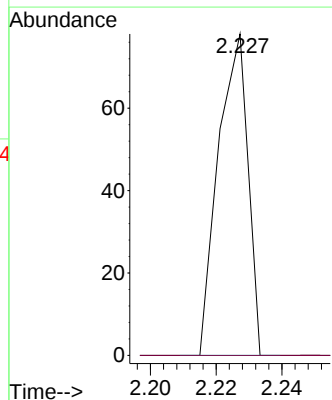
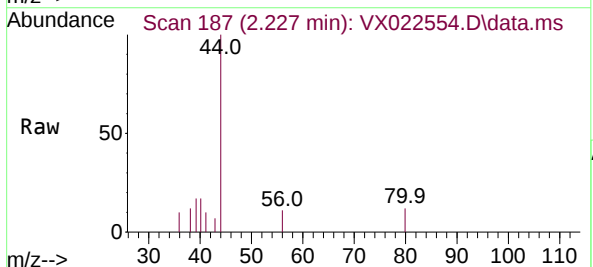
Instrument :
MSVOA_X
ClientSampleId :
VX0608MBL01

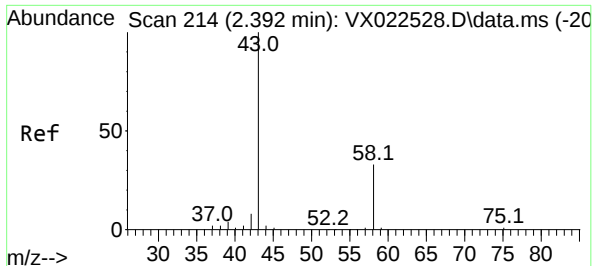
Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 3.526 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

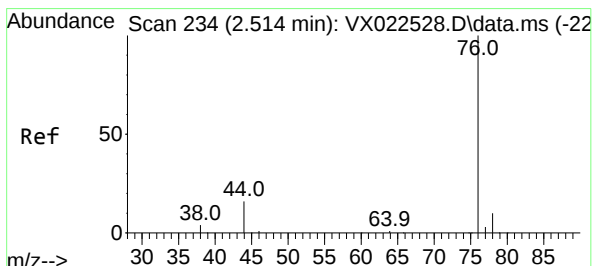
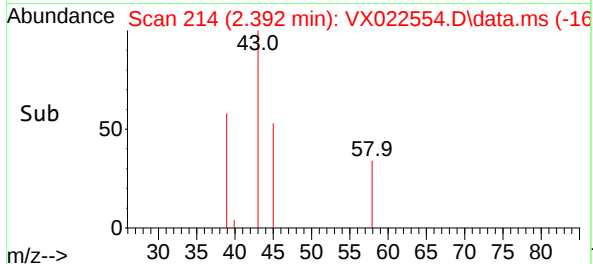
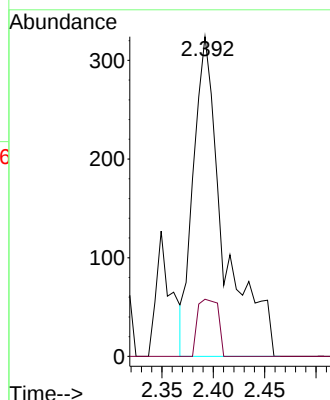
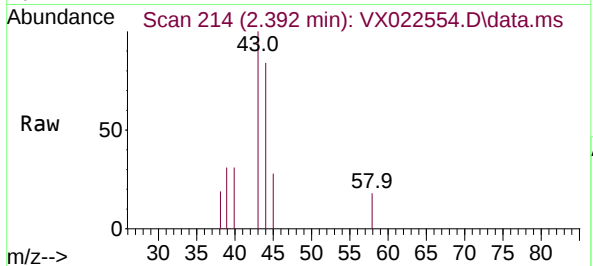




#16
Acetone
Concen: 1.339 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

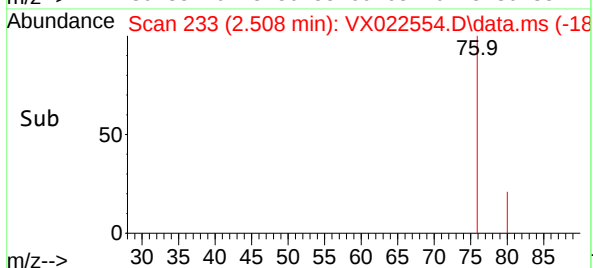
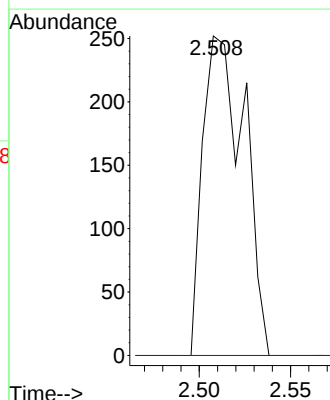
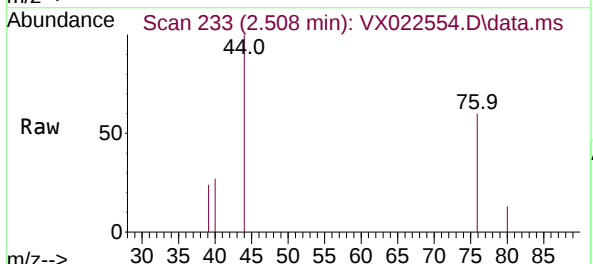
Instrument :
MSVOA_X
ClientSampleId :
VX0608MBL01

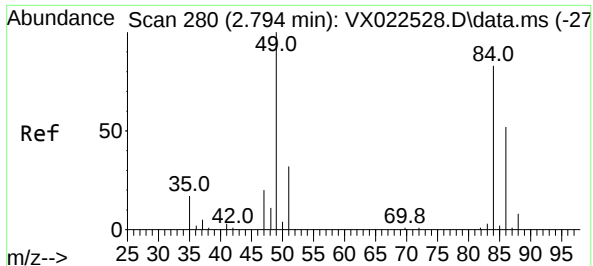
Tgt Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
58 17.9 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.572 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

Tgt Ion: 76 Resp: 400
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.400 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022554.D

Acq: 08 Jun 2021 06:13

Tgt Ion: 84 Resp: 417

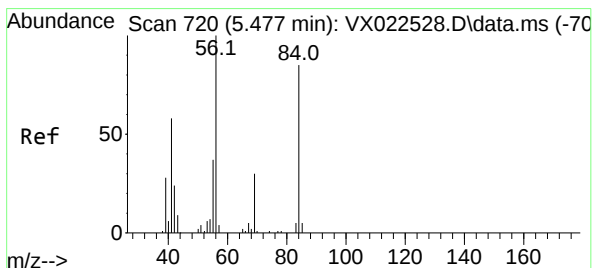
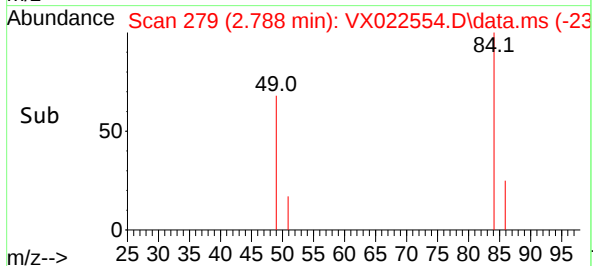
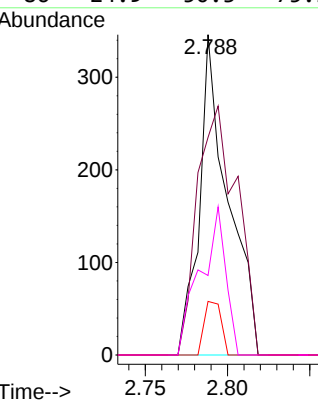
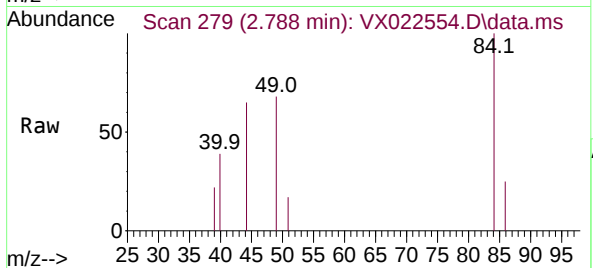
Ion Ratio Lower Upper

84 100

49 67.9 88.6 132.8#

51 16.8 27.0 40.6#

86 24.9 50.3 75.5#



#31

Cyclohexane

Concen: 1.328 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX022554.D

Acq: 08 Jun 2021 06:13

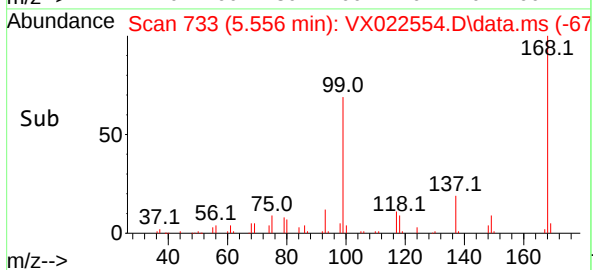
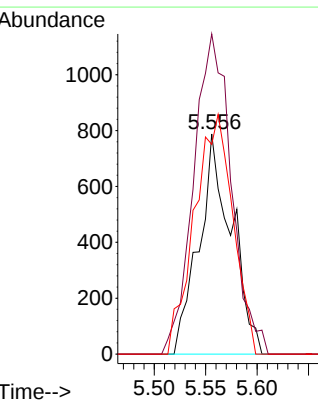
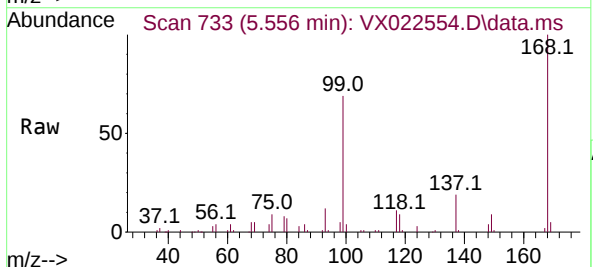
Tgt Ion: 56 Resp: 1746

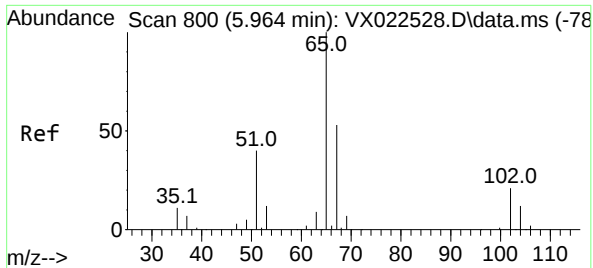
Ion Ratio Lower Upper

56 100

69 145.4 25.3 37.9#

84 95.3 71.4 107.0

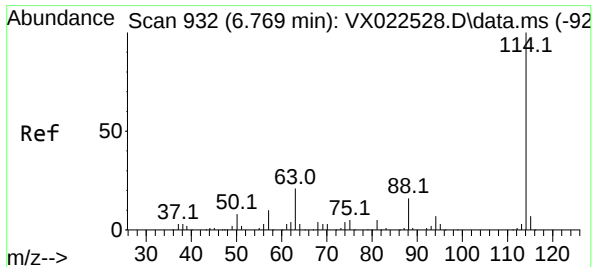
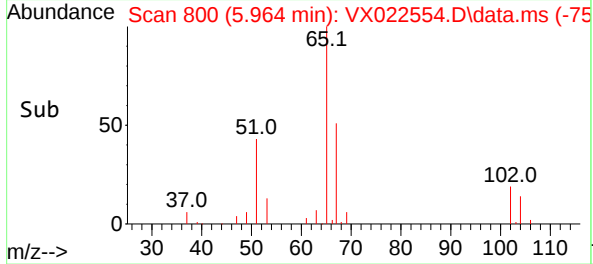
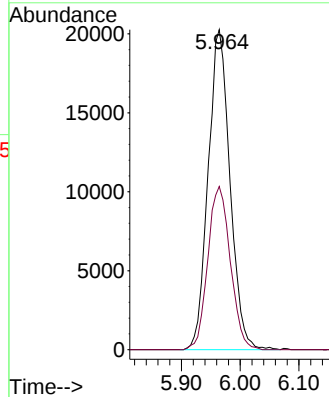
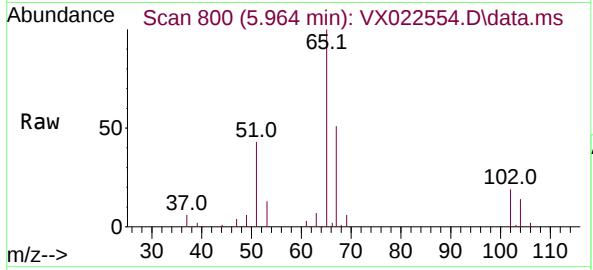




#33
1,2-Dichloroethane-d4
Concen: 47.091 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

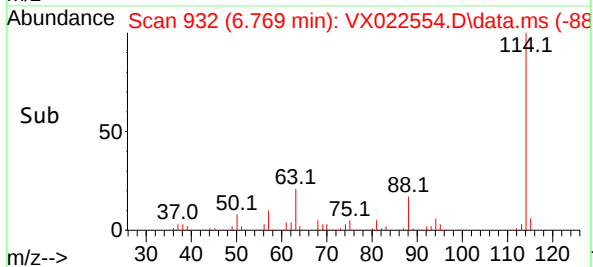
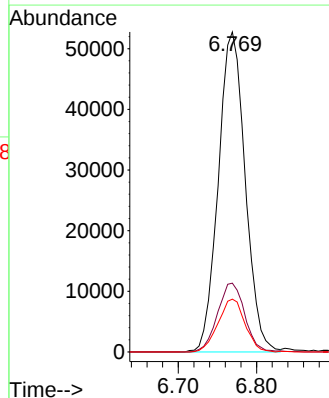
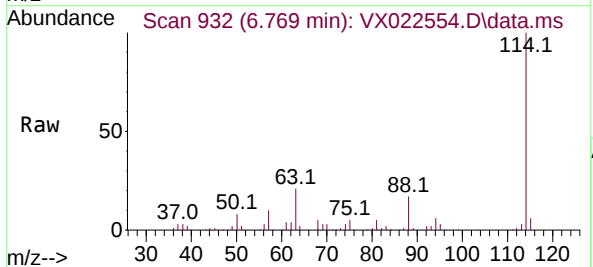
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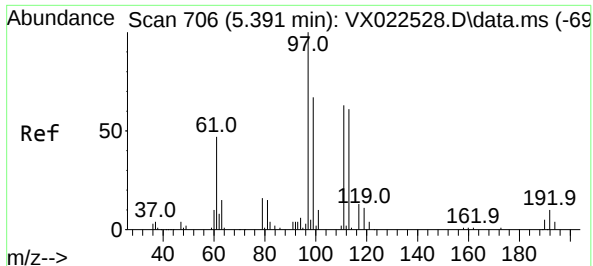
Tgt Ion: 65 Resp: 52346
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

Tgt Ion: 114 Resp: 125862
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.829 ug/l

RT: 5.391 min Scan# 706

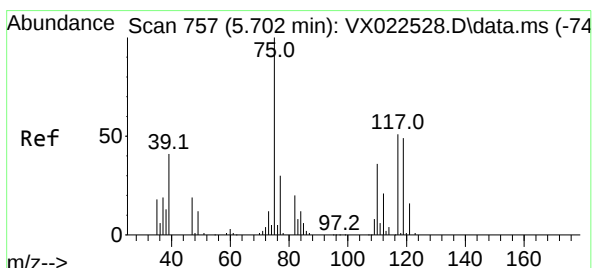
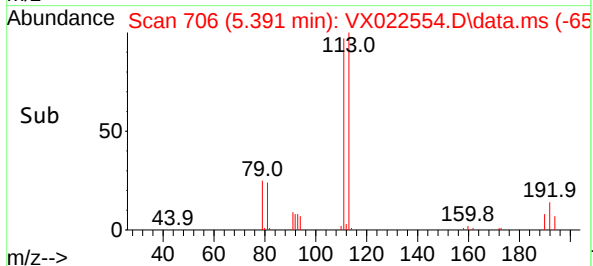
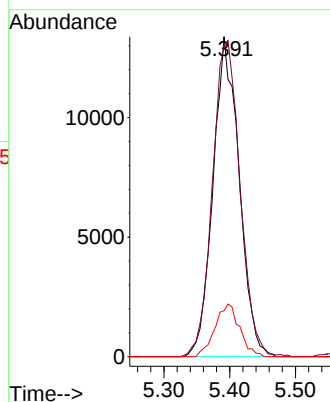
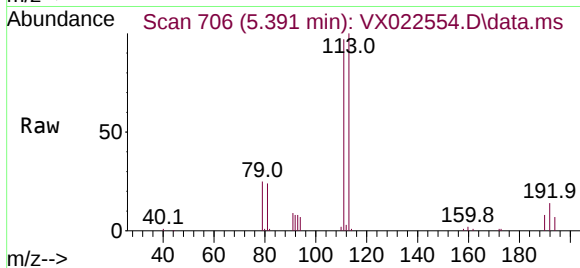
Delta R.T. 0.000 min

Lab File: VX022554.D

Acq: 08 Jun 2021 06:13

Tgt Ion:	113	Resp:	36877
Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.9	122.9
192	15.5	16.7	25.1#

Instrument :
MSVOA_X
ClientSampleId :
VX0608MBL01



#36

1,1-Dichloropropene

Concen: 5.066 ug/l

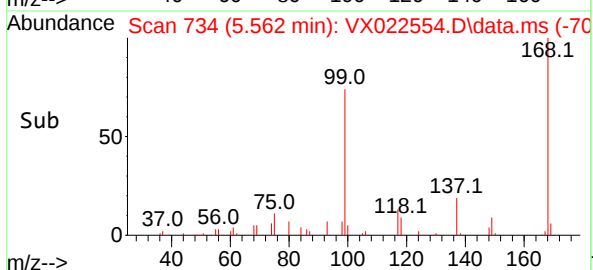
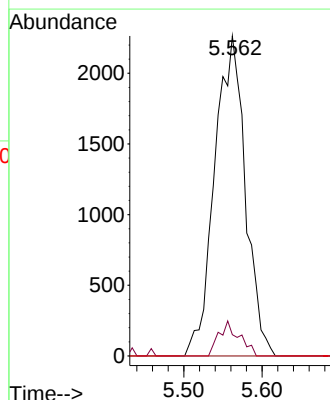
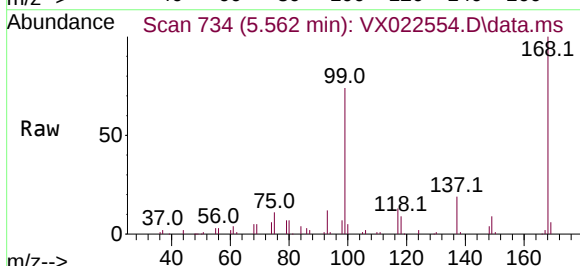
RT: 5.562 min Scan# 734

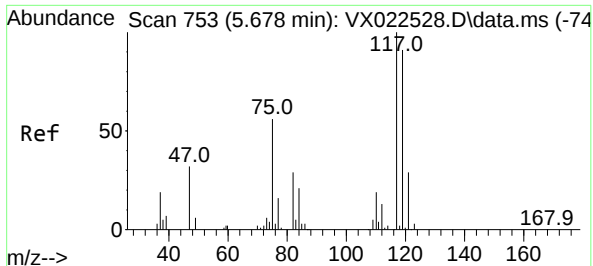
Delta R.T. -0.140 min

Lab File: VX022554.D

Acq: 08 Jun 2021 06:13

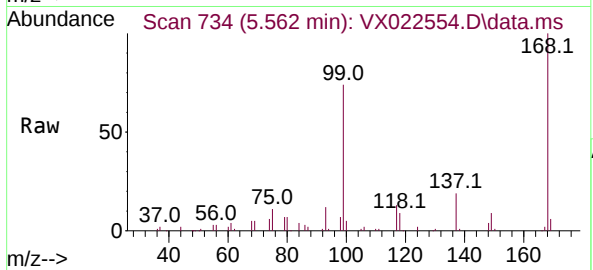
Tgt Ion:	75	Resp:	6168
Ion	Ratio	Lower	Upper
75	100		
110	7.2	18.1	54.4#
77	0.0	25.3	37.9#



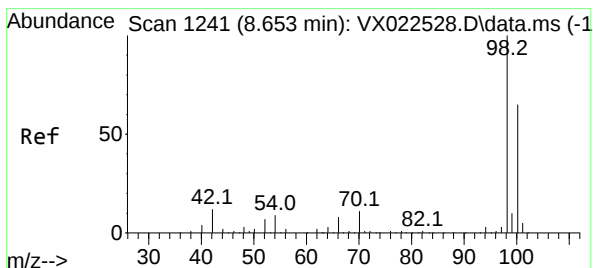
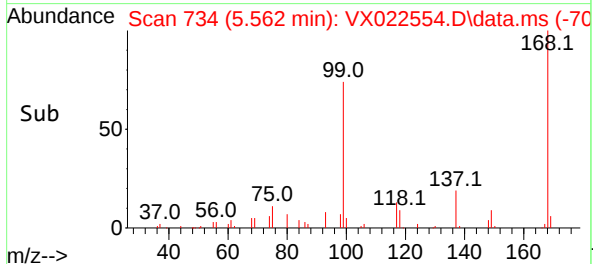
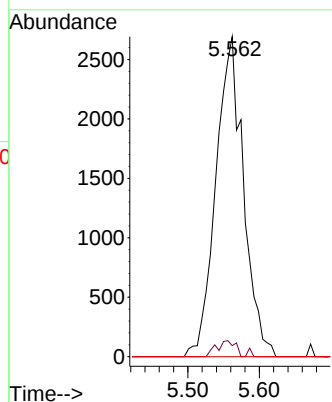


#38
Carbon Tetrachloride
Concen: 8.202 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

Instrument :
MSVOA_X
ClientSampleId :
VX0608MBL01

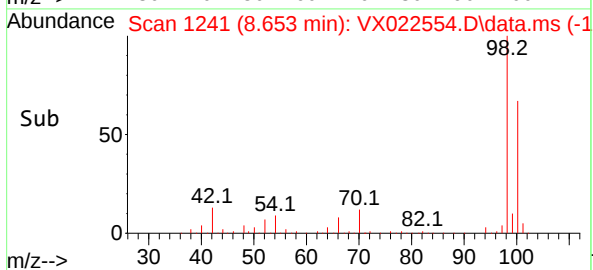
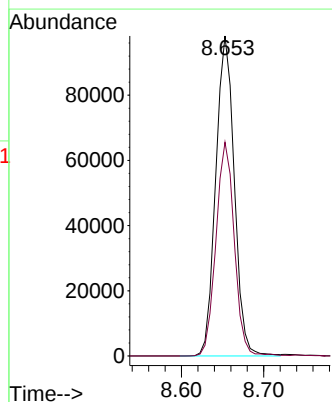
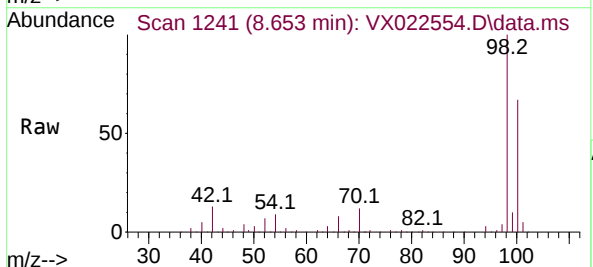


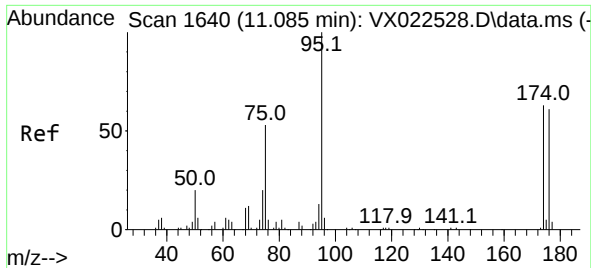
Tgt Ion:117 Resp: 7222
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.028 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

Tgt Ion: 98 Resp: 154048
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

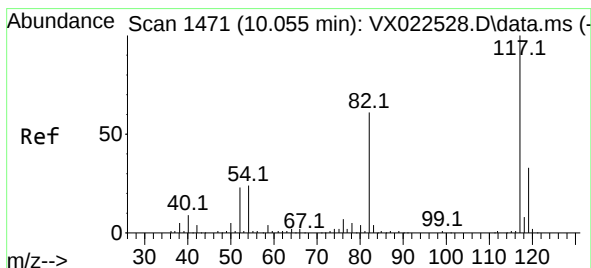
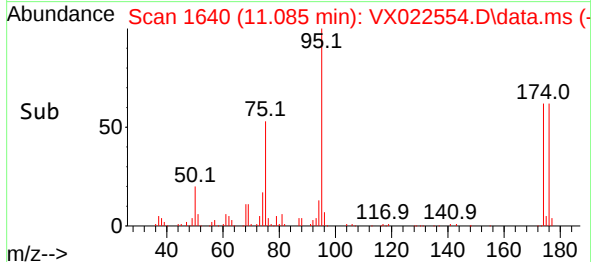
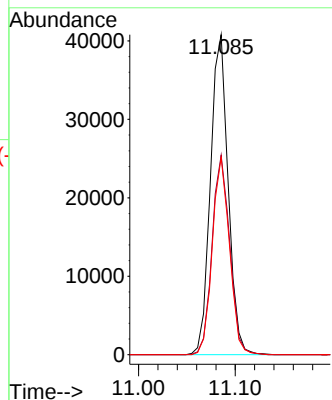
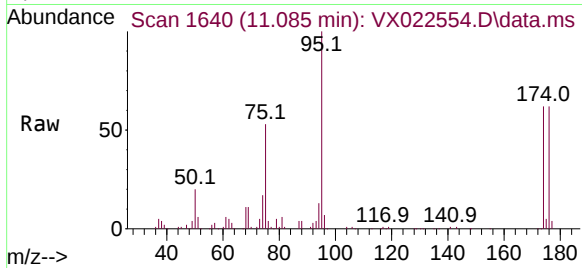




#62
4-Bromofluorobenzene
Concen: 44.393 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

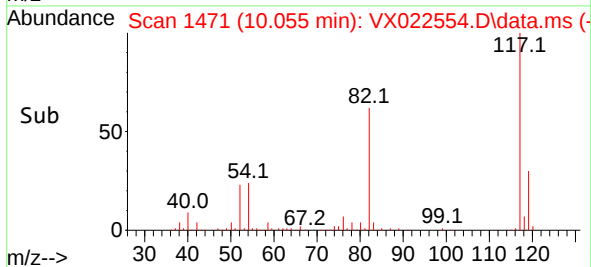
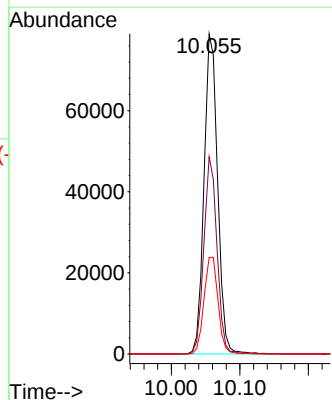
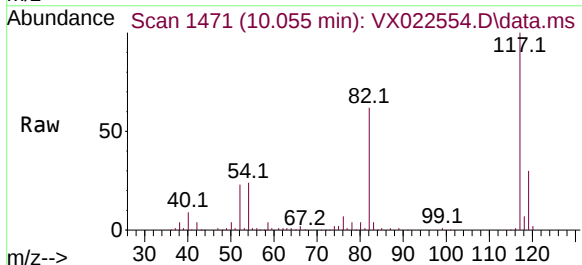
Instrument :
MSVOA_X
ClientSampleId :
VX0608MBL01

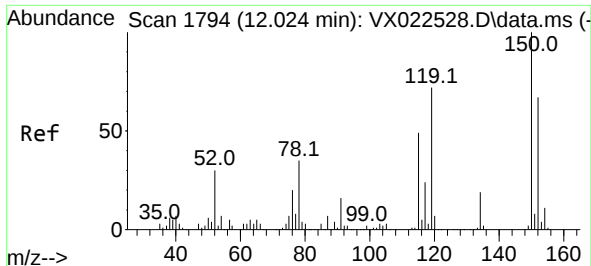
Tgt Ion: 95 Resp: 51846
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 59.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022554.D
Acq: 08 Jun 2021 06:13

Tgt Ion: 117 Resp: 108948
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 30.2 26.6 39.8

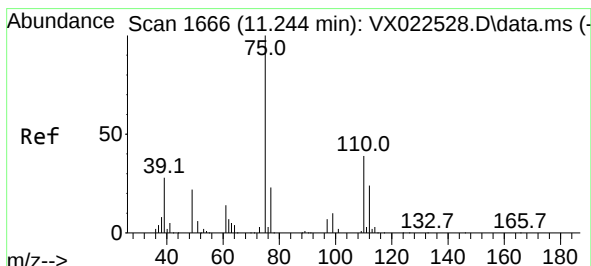
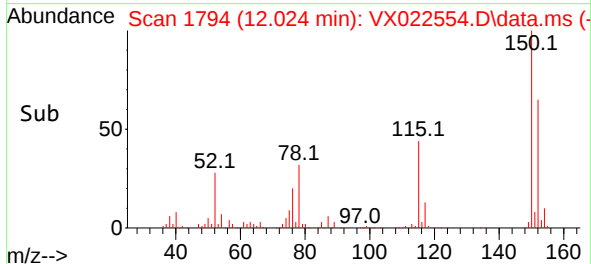
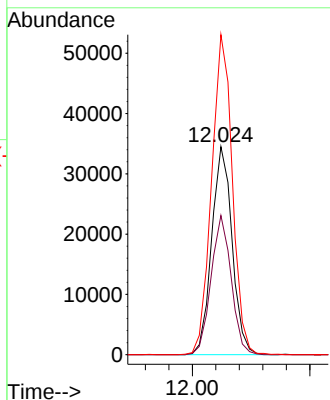
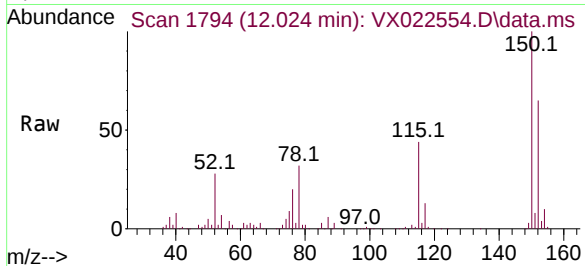




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022554.D
 Acq: 08 Jun 2021 06:13

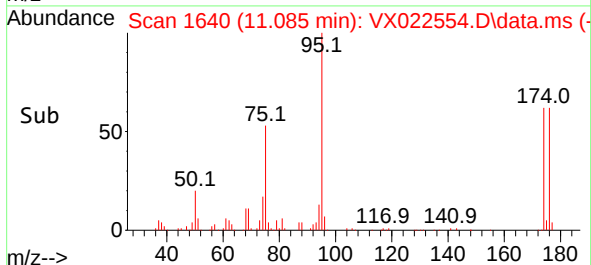
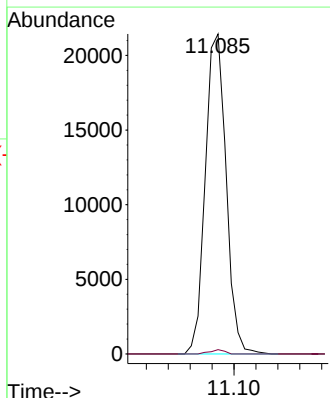
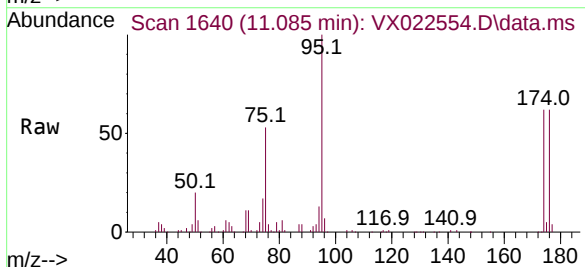
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608MBL01

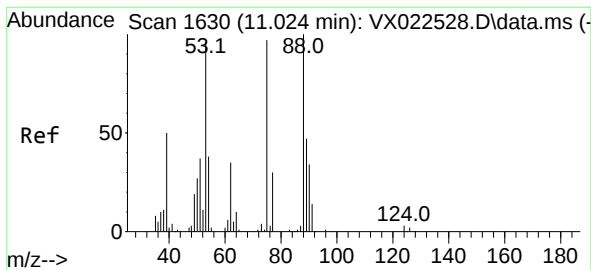
Tgt Ion:152 Resp: 41670
 Ion Ratio Lower Upper
 152 100
 115 65.8 41.1 123.3
 150 156.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.177 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022554.D
 Acq: 08 Jun 2021 06:13

Tgt Ion: 75 Resp: 28258
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.504 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022554.D
 Acq: 08 Jun 2021 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608MBL01

Tgt Ion: 75 Resp: 28258
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

