

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022727.D
 Acq On : 17 Jun 2021 09:52
 Operator : JC/MD
 Sample : VX0617MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617MBL01

Quant Time: Jun 18 01:15:22 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)

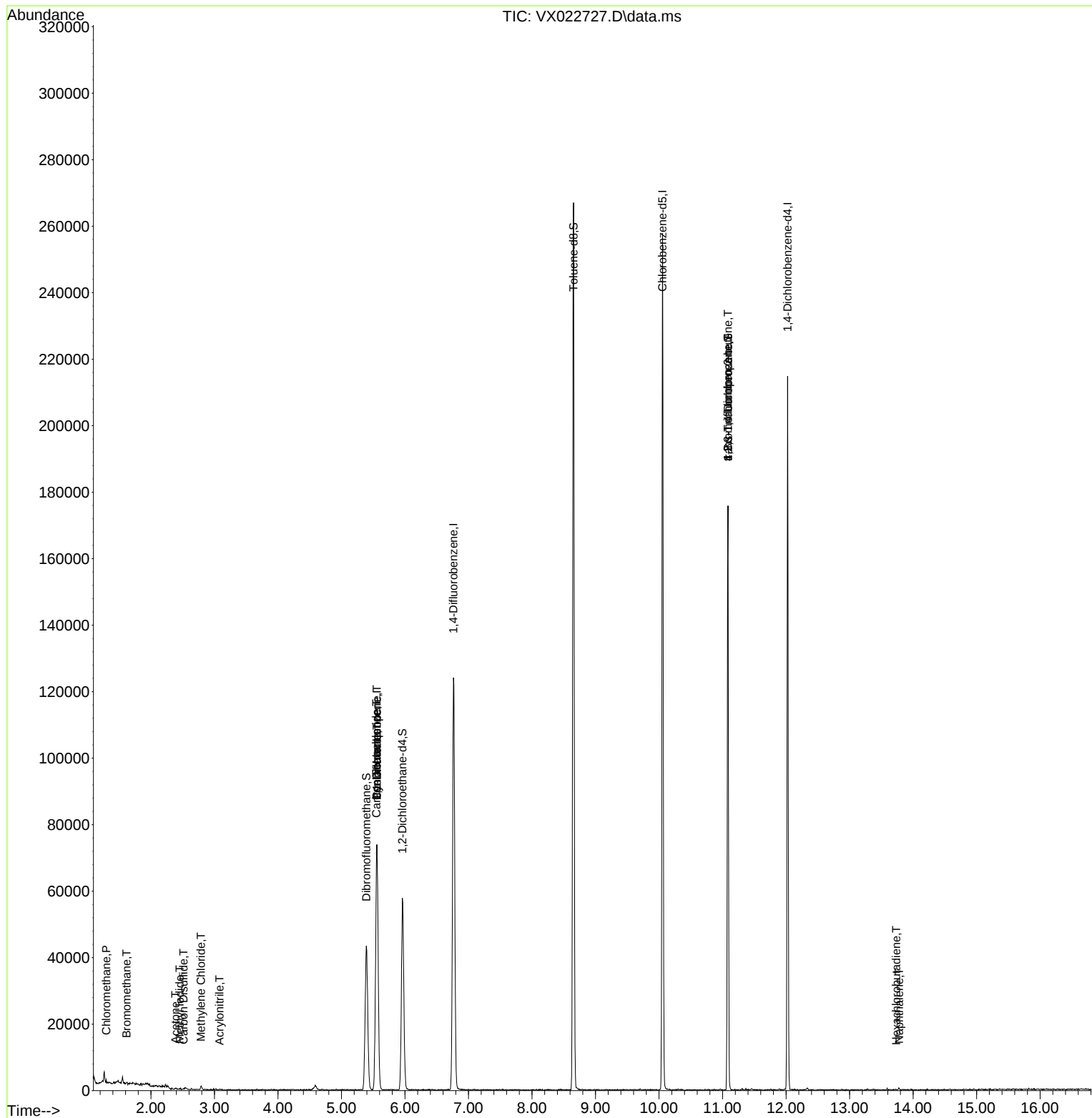
Internal Standards						
1) Pentafluorobenzene	5.556	168	61341	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51110	46.33	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.66%
35) Dibromofluoromethane	5.391	113	36777	47.36	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.72%
50) Toluene-d8	8.653	98	151077	49.35	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.70%
62) 4-Bromofluorobenzene	11.085	95	46918	40.52	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.04%#
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	280	0.32	ug/l	# 42
5) Bromomethane	1.617	94	93	0.20	ug/l	# 65
10) Methyl Iodide	2.453	142	213	0.25	ug/l	# 70
15) Acrylonitrile	3.081	53	139	0.28	ug/l	# 18
16) Acetone	2.386	43	429	0.87	ug/l	# 40
17) Carbon Disulfide	2.514	76	348	0.21	ug/l	# 75
20) Methylene Chloride	2.788	84	490	0.24	ug/l	# 80
31) Cyclohexane	5.556	56	1753	1.32	ug/l	# 30
36) 1,1-Dichloropropene	5.556	75	6242	5.15	ug/l	# 48
38) Carbon Tetrachloride	5.550	117	6991	6.74	ug/l	# 12
76) 1,2,3-Trichloropropane	11.085	75	25163	25.71	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	25163	64.57	ug/l	# 12
94) Hexachlorobutadiene	13.737	225	77	0.30	ug/l	# 37
95) Naphthalene	13.780	128	496	1.63	ug/l	# 75

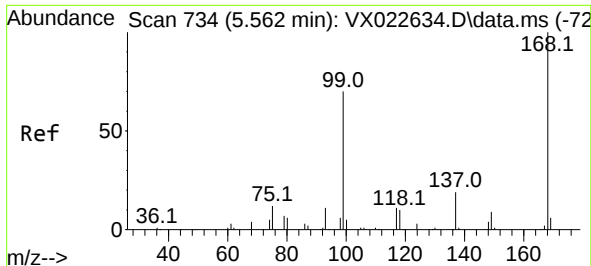
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0617MBL01

Quant Time: Jun 18 01:15:22 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

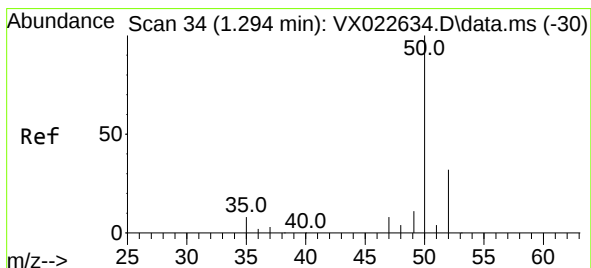
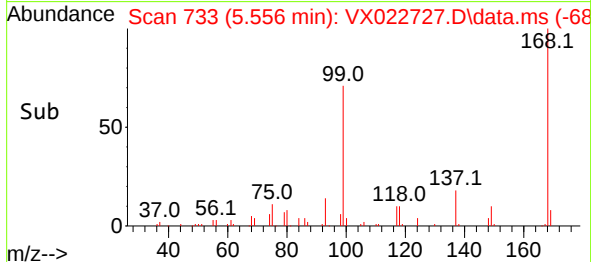
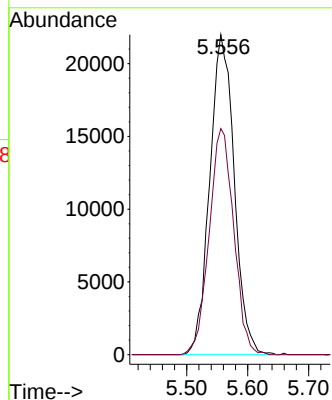
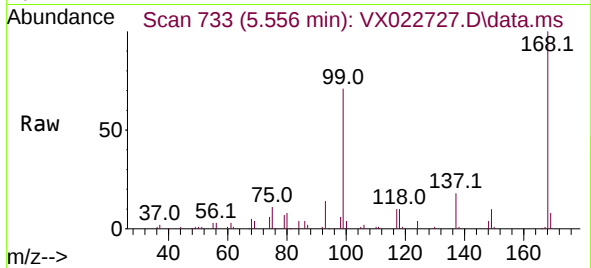




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

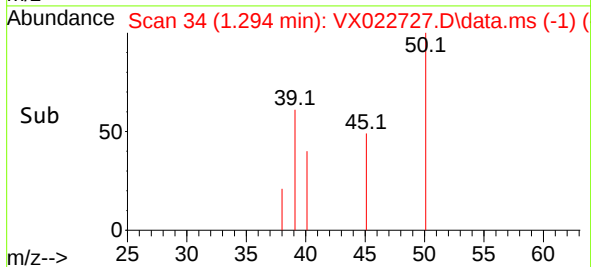
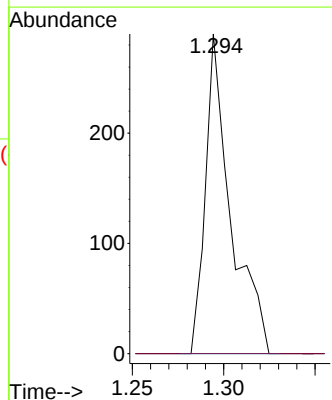
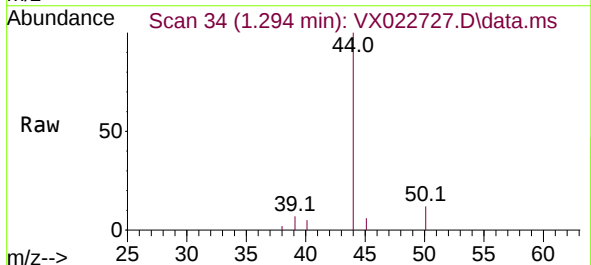
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBL01

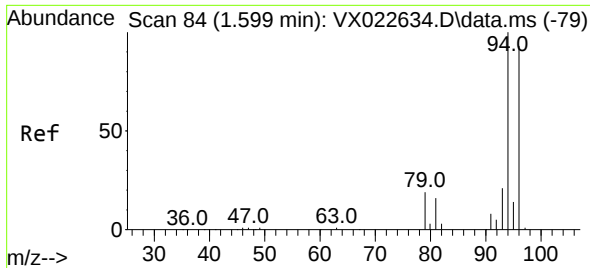
Tgt Ion:168 Resp: 61341
Ion Ratio Lower Upper
168 100
99 70.7 45.8 68.6#



#3
Chloromethane
Concen: 0.32 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

Tgt Ion: 50 Resp: 280
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

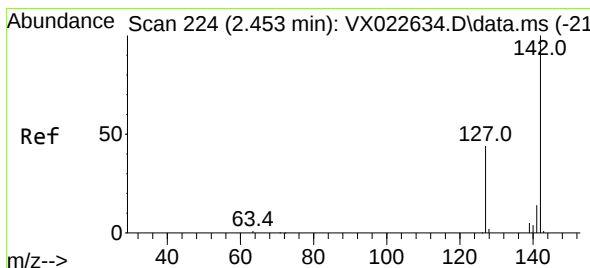
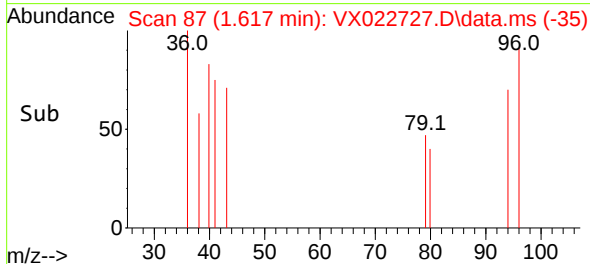
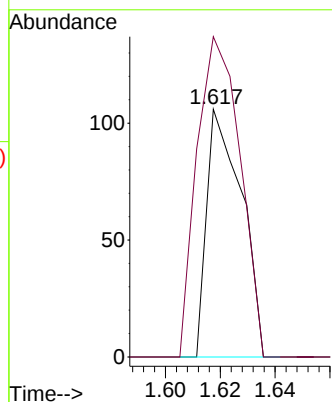
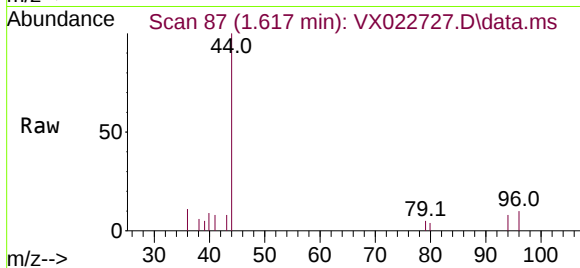




#5
Bromomethane
Concen: 0.20 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

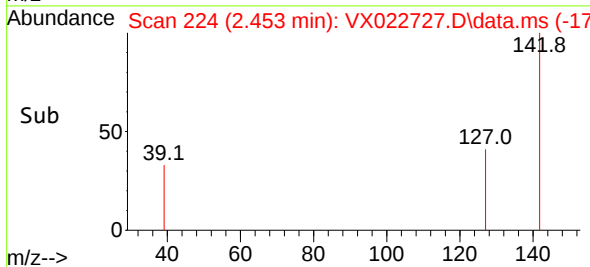
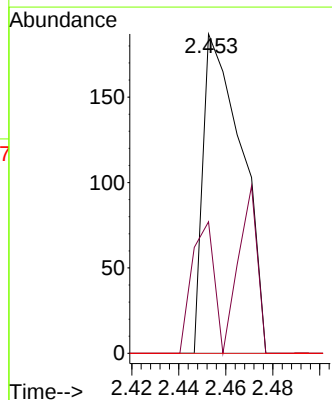
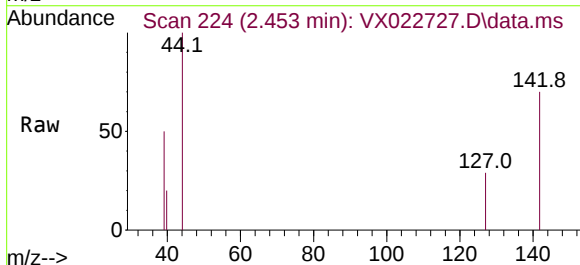
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBL01

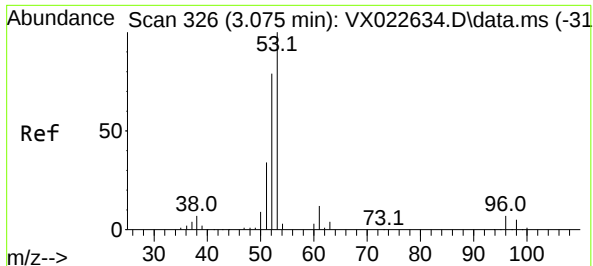
Tgt Ion: 94 Resp: 93
Ion Ratio Lower Upper
94 100
96 129.2 76.4 114.6#



#10
Methyl Iodide
Concen: 0.25 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

Tgt Ion: 142 Resp: 213
Ion Ratio Lower Upper
142 100
127 23.9 33.3 49.9#
141 0.0 11.4 17.0#

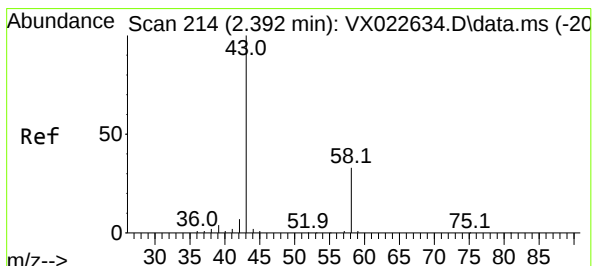
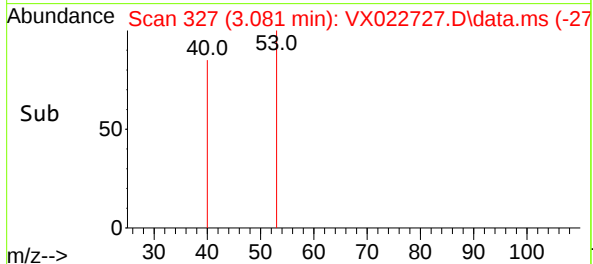
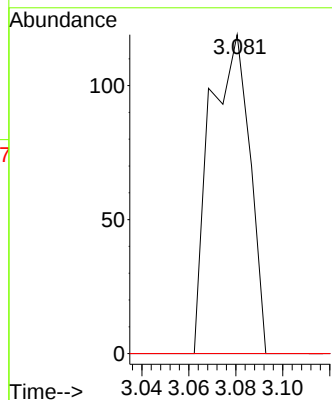
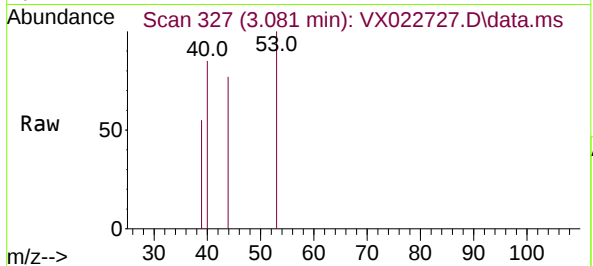




#15
Acrylonitrile
Concen: 0.28 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

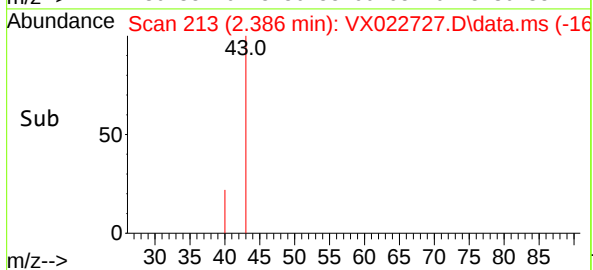
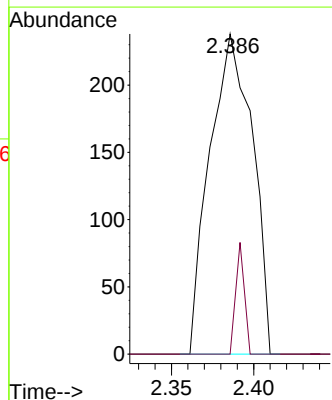
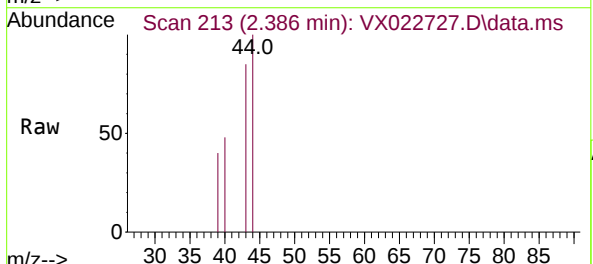
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBL01

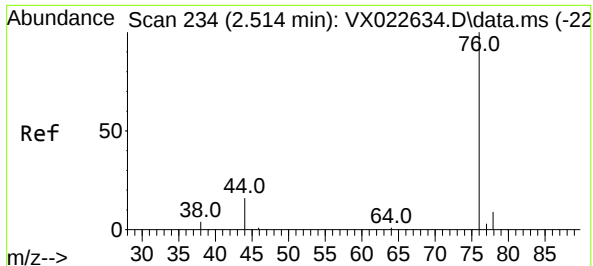
Tgt Ion: 53 Resp: 139
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 0.87 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

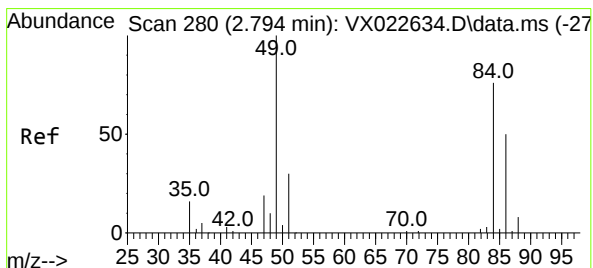
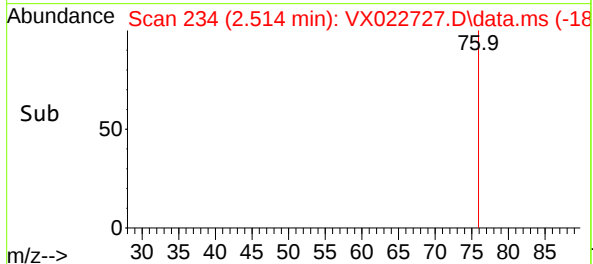
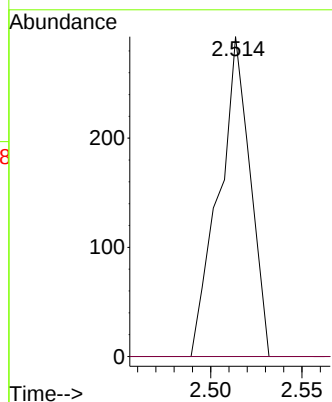
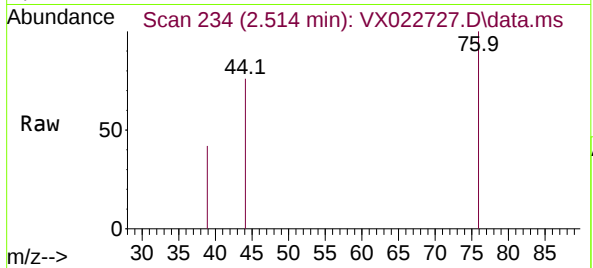




#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

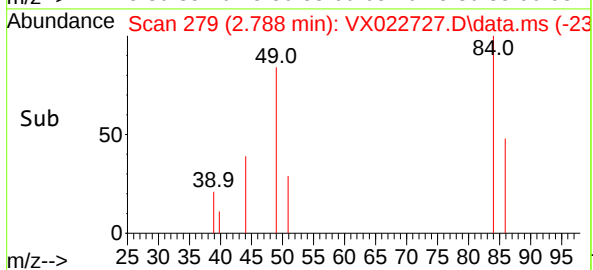
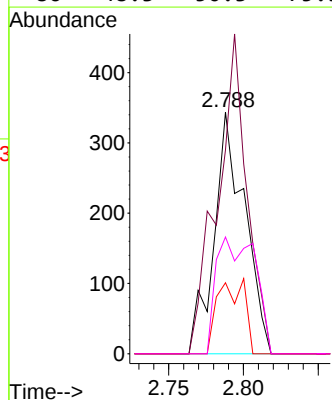
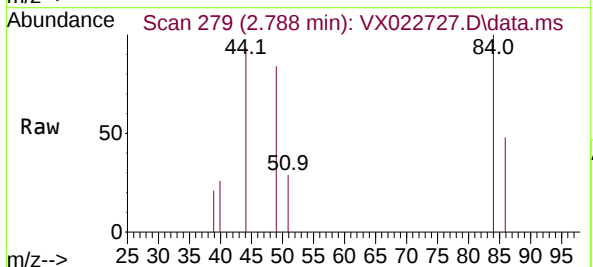
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBL01

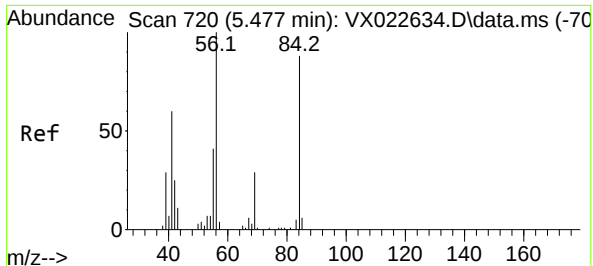
Tgt Ion: 76 Resp: 348
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

Tgt Ion: 84 Resp: 490
Ion Ratio Lower Upper
84 100
49 84.3 88.6 132.8#
51 29.4 27.0 40.6
86 48.3 50.3 75.5#

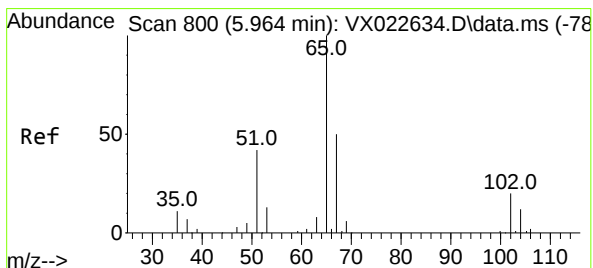
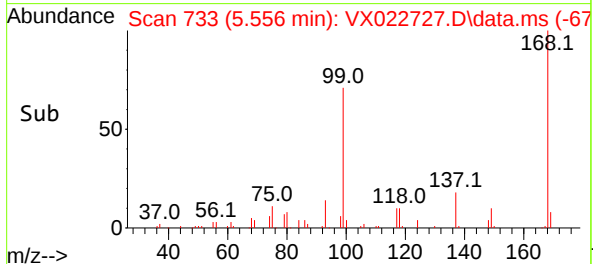
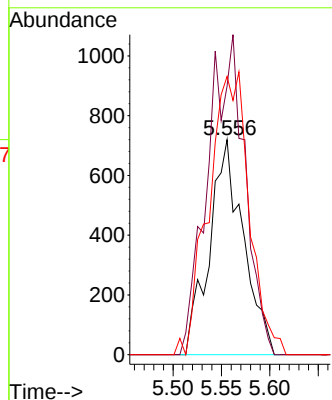
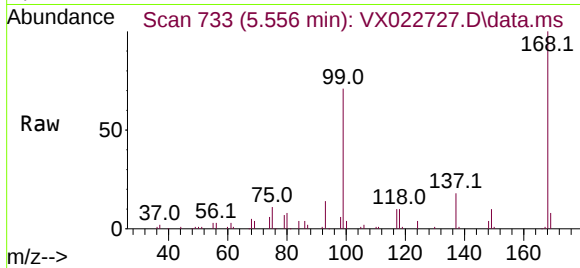




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

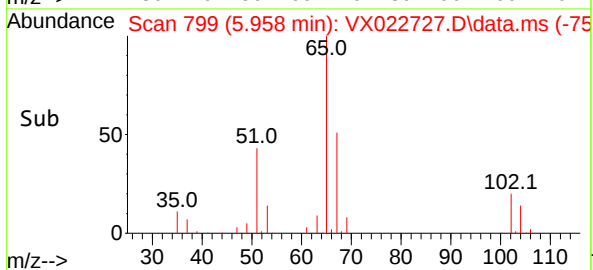
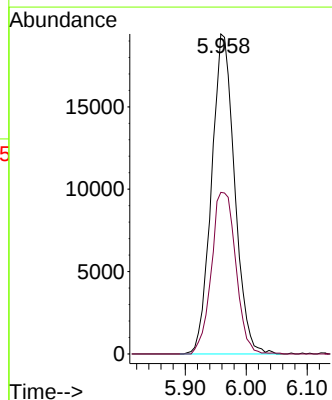
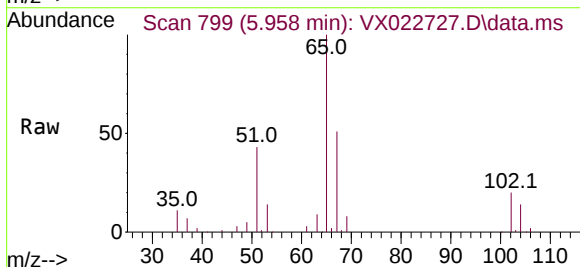
Instrument :
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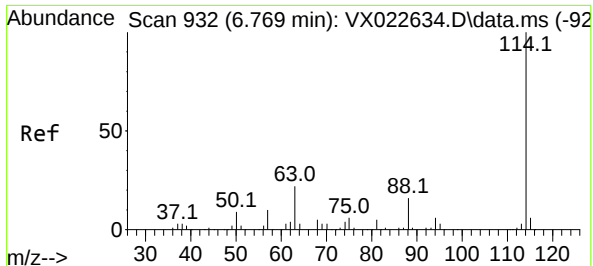
Tgt Ion: 56 Resp: 1753
Ion Ratio Lower Upper
56 100
69 124.9 25.3 37.9#
84 121.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 46.33 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

Tgt Ion: 65 Resp: 51110
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

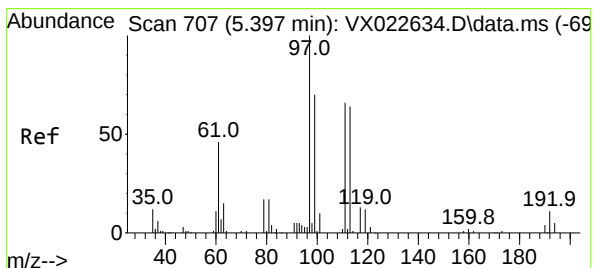
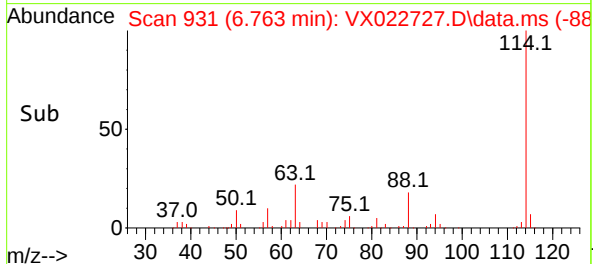
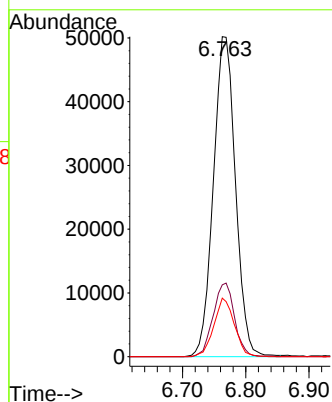
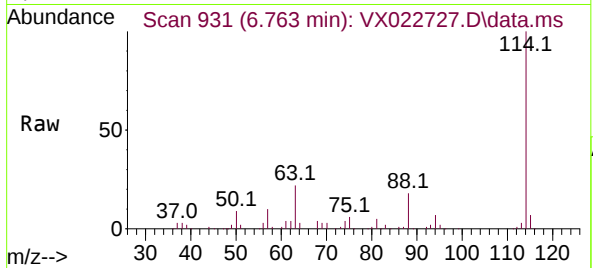




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

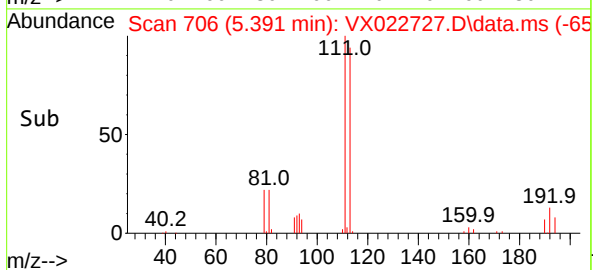
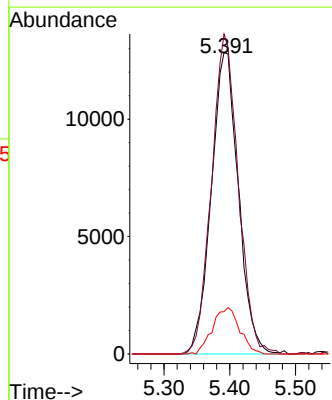
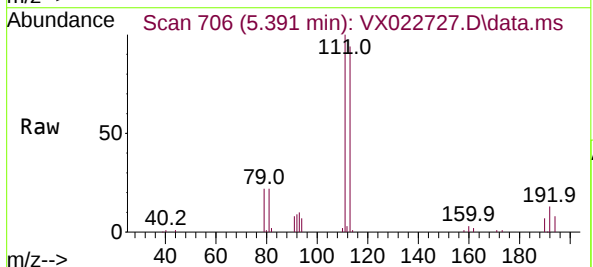
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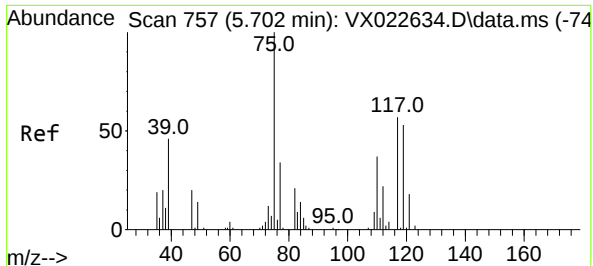
Tgt Ion:114 Resp: 121717
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 18.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.36 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

Tgt Ion:113 Resp: 36777
Ion Ratio Lower Upper
113 100
111 104.7 81.9 122.9
192 15.4 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.15 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022727.D

Acq: 17 Jun 2021 09:52

Tgt Ion: 75 Resp: 6242

Ion Ratio Lower Upper

75 100

110 7.9 18.1 54.4#

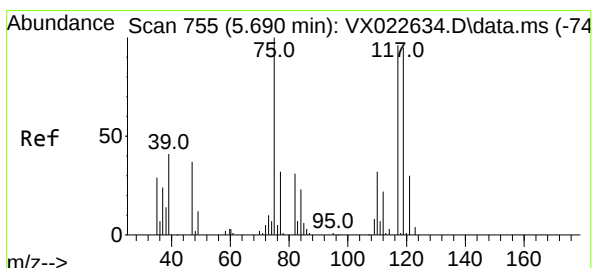
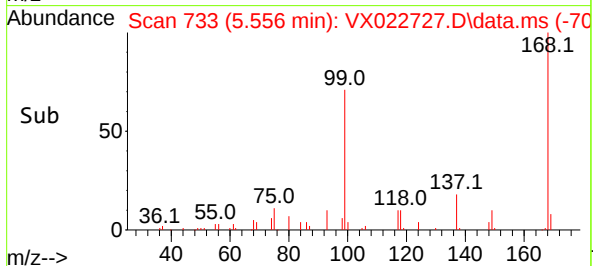
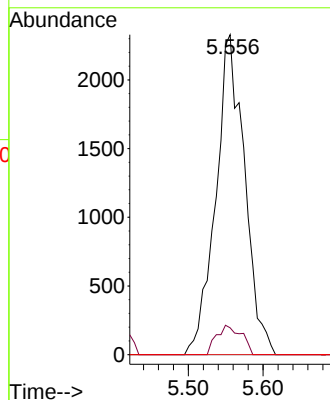
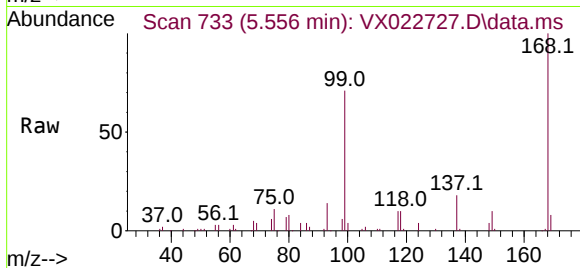
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

VX0617MBL01



#38

Carbon Tetrachloride

Concen: 6.74 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX022727.D

Acq: 17 Jun 2021 09:52

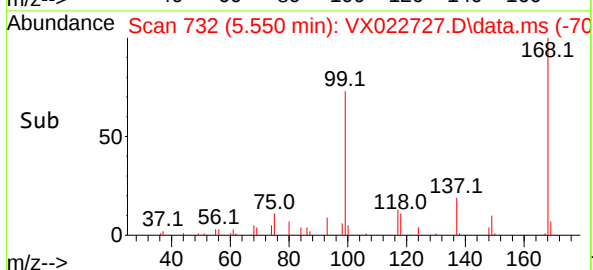
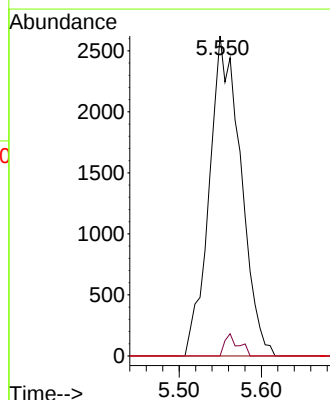
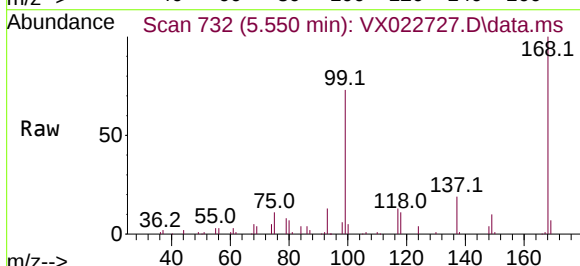
Tgt Ion: 117 Resp: 6991

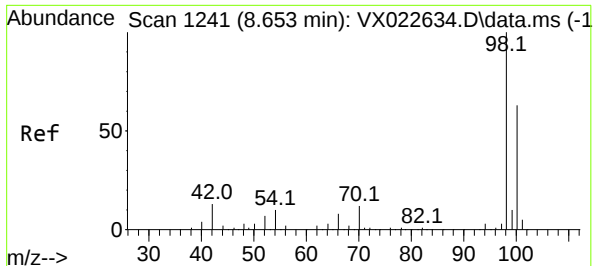
Ion Ratio Lower Upper

117 100

119 0.0 76.2 114.2#

121 0.0 24.8 37.2#

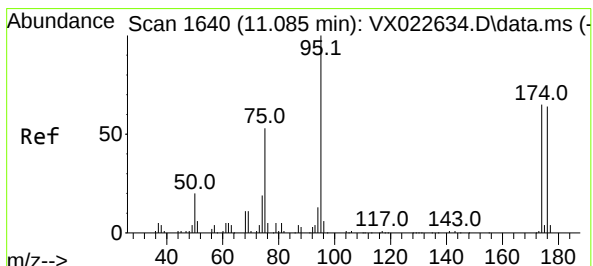
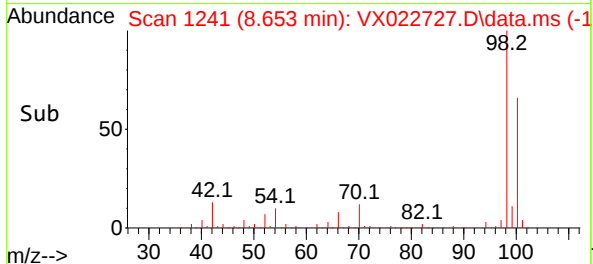
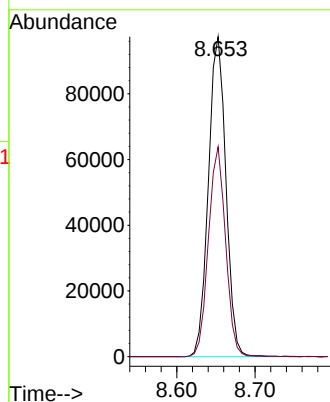
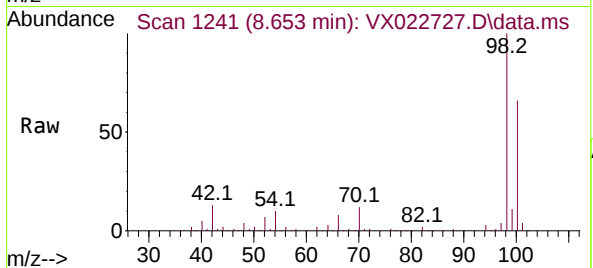




#50
Toluene-d8
Concen: 49.35 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

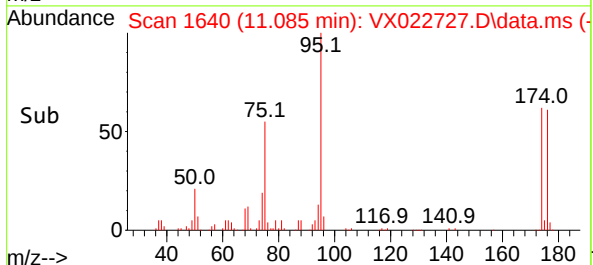
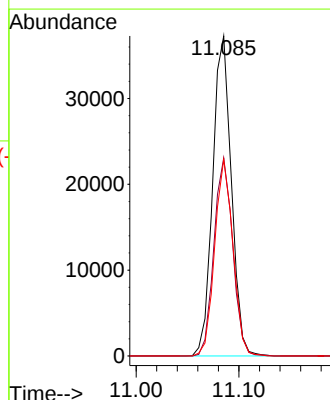
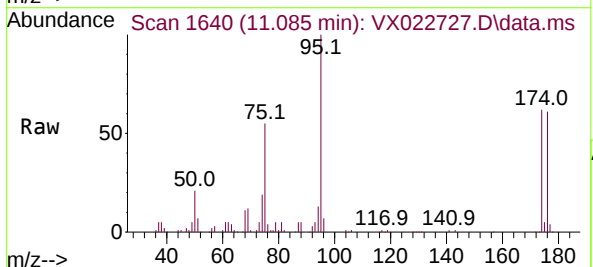
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBL01

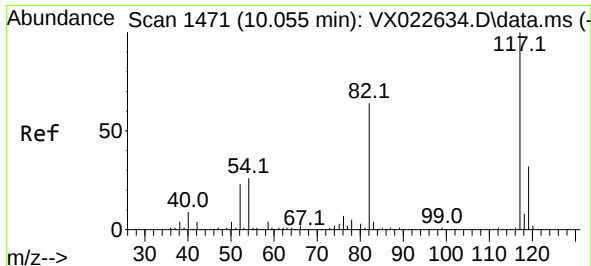
Tgt Ion: 98 Resp: 151077
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 40.52 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

Tgt Ion: 95 Resp: 46918
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 60.2 0.0 155.8

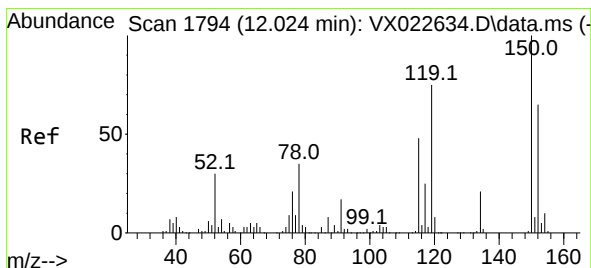
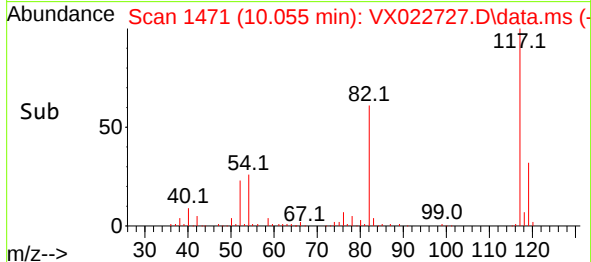
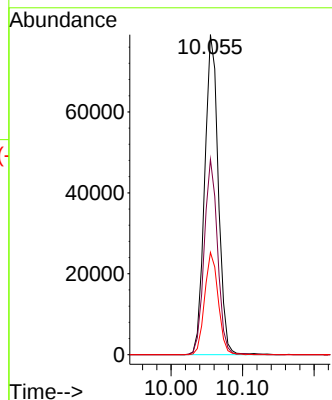
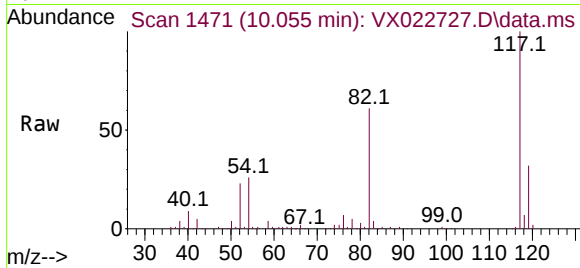




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

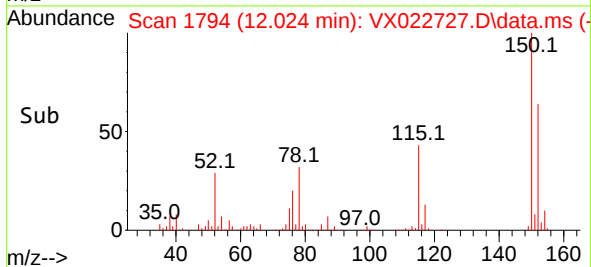
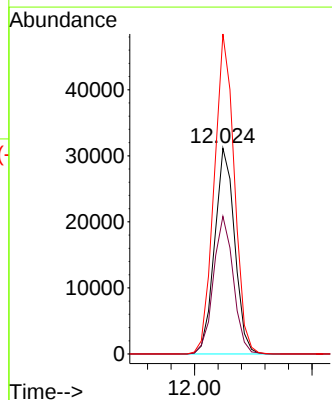
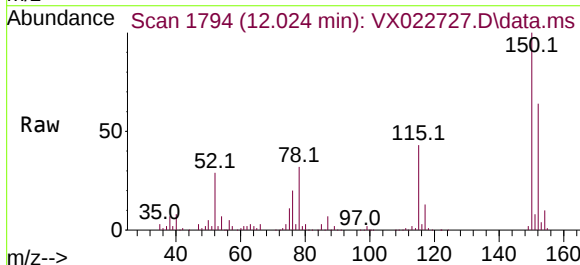
Instrument :
MSVOA_X
ClientSampleId :
VX0617MBL01

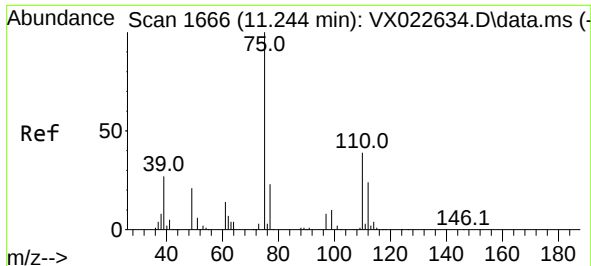
Tgt Ion:117 Resp: 104751
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

Tgt Ion:152 Resp: 36908
Ion Ratio Lower Upper
152 100
115 66.4 41.1 123.3
150 156.1 0.0 349.0

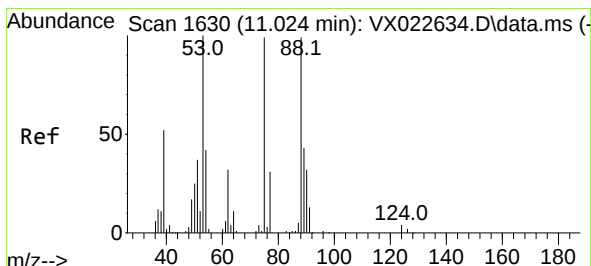
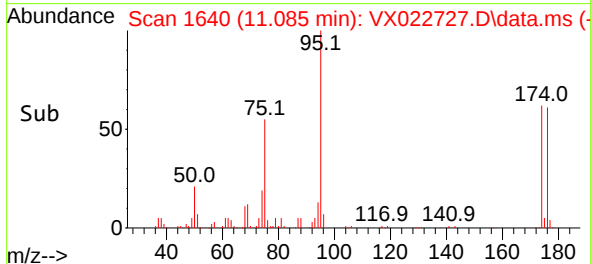
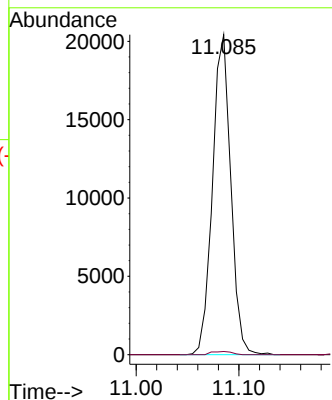
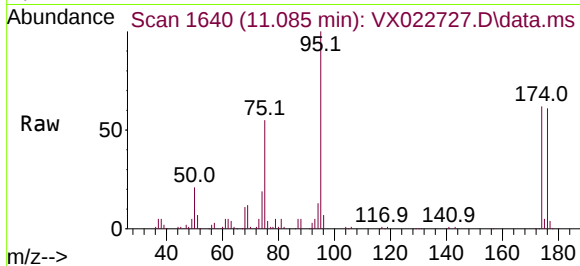




#76
1,2,3-Trichloropropane
Concen: 25.71 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

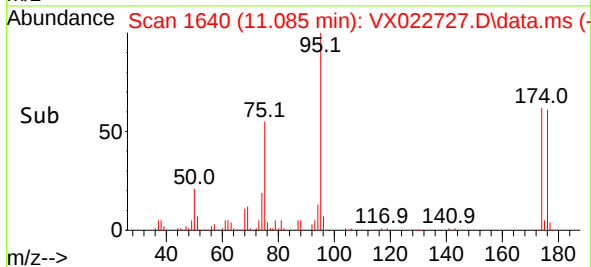
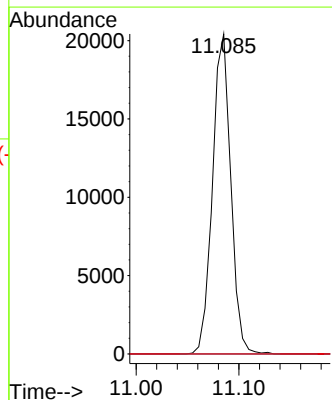
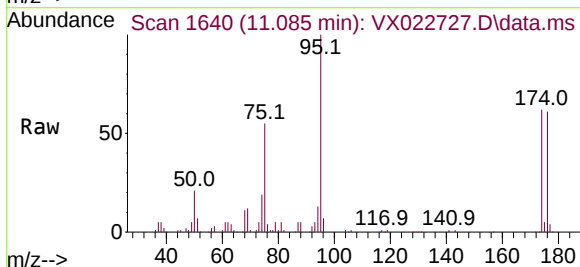
Instrument :
MSVOA_X
ClientSampled :
VX0617MBL01

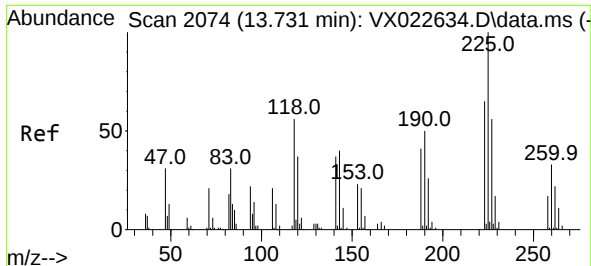
Tgt Ion: 75 Resp: 25163
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.57 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

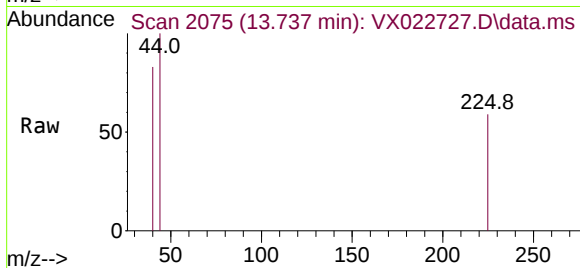
Tgt Ion: 75 Resp: 25163
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



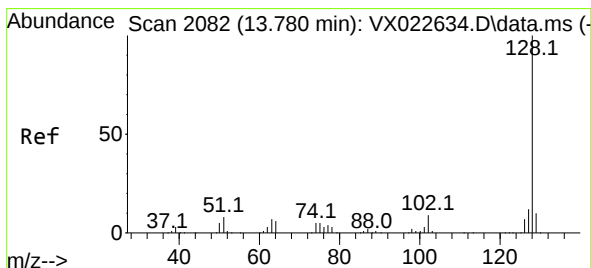
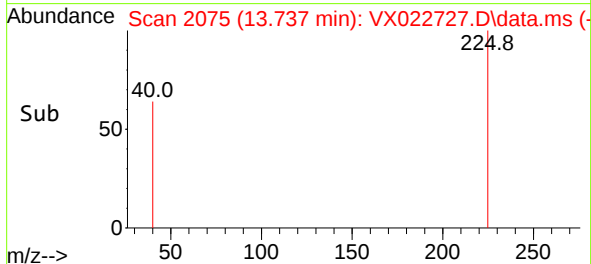
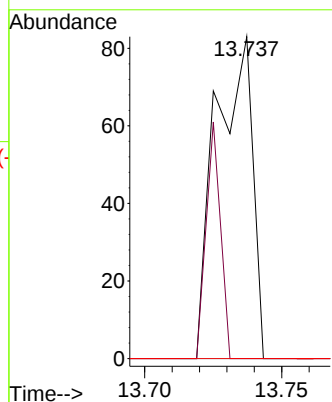


#94
Hexachlorobutadiene
Concen: 0.30 ug/l
RT: 13.737 min Scan# 2075
Delta R.T. 0.006 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

Instrument :
MSVOA_X
ClientSampleId :
VX0617MBL01



Tgt Ion:225 Resp: 77
Ion Ratio Lower Upper
225 100
223 28.6 31.1 93.2#
227 0.0 31.6 95.0#



#95
Naphthalene
Concen: 1.63 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022727.D
Acq: 17 Jun 2021 09:52

Tgt Ion:128 Resp: 496
Ion Ratio Lower Upper
128 100
127 4.4 10.3 15.5#
129 0.0 8.8 13.2#

