

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX022997.D
 Acq On : 29 Jun 2021 12:47
 Operator : JC/MD
 Sample : M2838-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

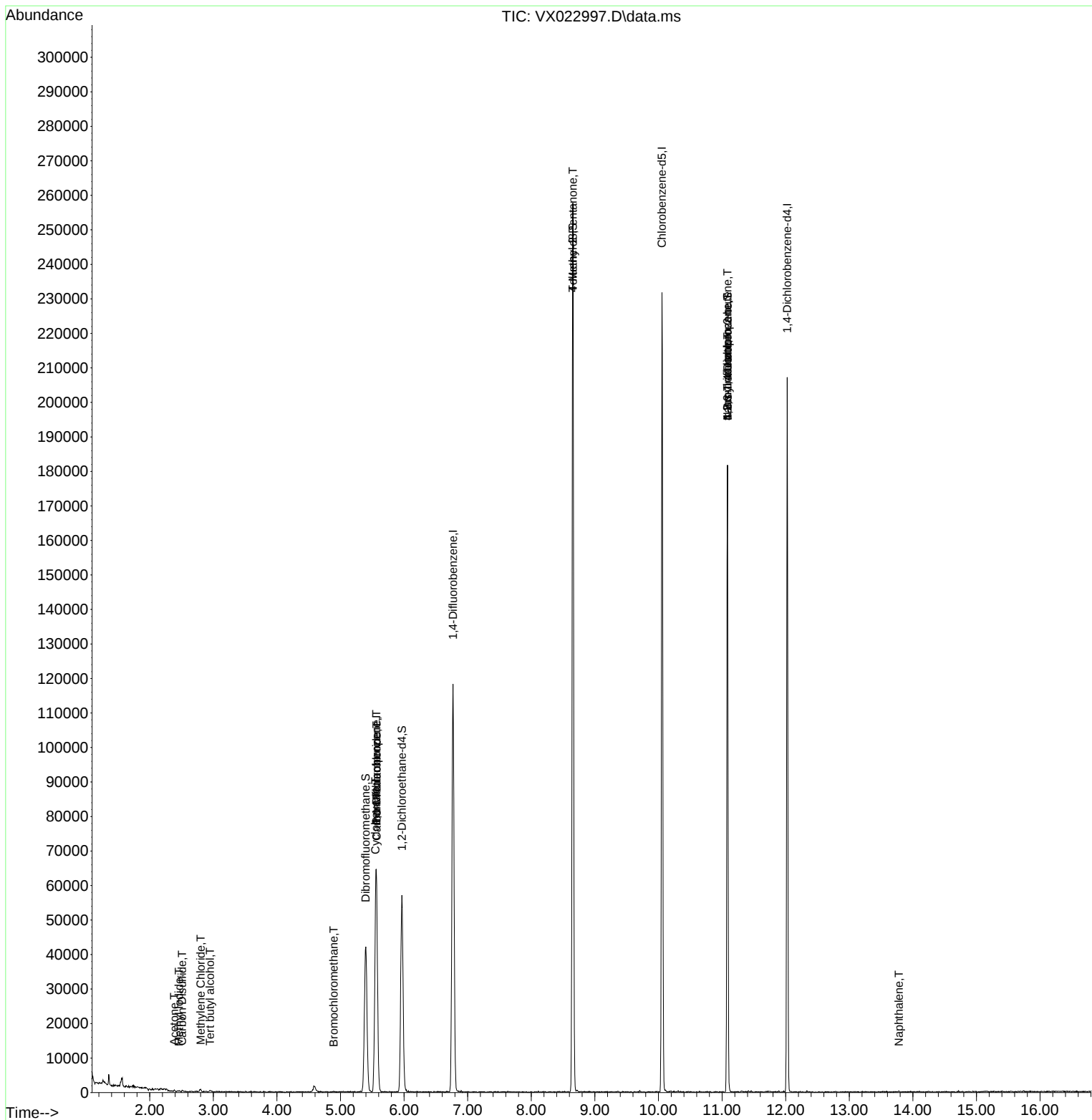
Quant Time: Jun 30 01:43:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	53937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	111506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52044	53.169	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.340%	
35) Dibromofluoromethane	5.397	113	36375	51.371	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.740%	
50) Toluene-d8	8.653	98	142950	51.511	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.020%	
62) 4-Bromofluorobenzene	11.085	95	47765	46.118	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.240%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	145	4.038	ug/l #	42
11) Tert butyl alcohol	2.947	59	301	1.475	ug/l #	73
16) Acetone	2.386	43	443	1.021	ug/l #	40
17) Carbon Disulfide	2.508	76	412	3.717	ug/l #	75
20) Methylene Chloride	2.800	84	383	0.814	ug/l #	86
28) Bromochloromethane	4.891	49	164	0.236	ug/l #	34
31) Cyclohexane	5.550	56	1688	1.221	ug/l #	52
36) 1,1-Dichloropropene	5.562	75	5682	4.797	ug/l #	47
38) Carbon Tetrachloride	5.568	117	6349	6.391	ug/l #	12
51) 4-Methyl-2-Pentanone	8.653	43	639	0.465	ug/l #	1
74) N-amyl acetate	11.085	43	39	2.077	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	26684	28.682	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26684	73.895	ug/l #	12
95) Naphthalene	13.780	128	299	2.023	ug/l #	69

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

Quant Time: Jun 30 01:43:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

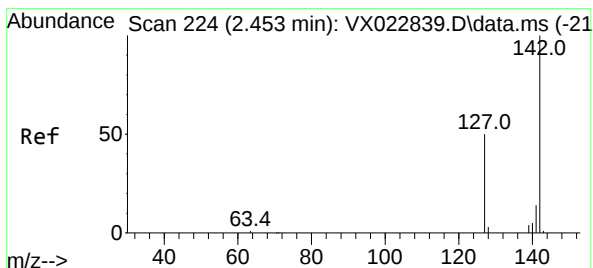
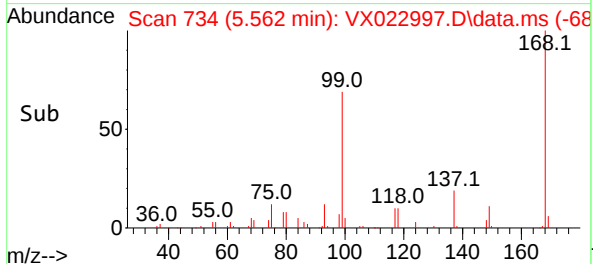
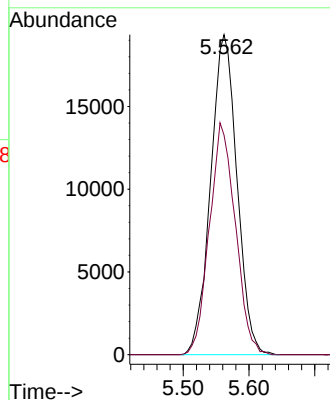
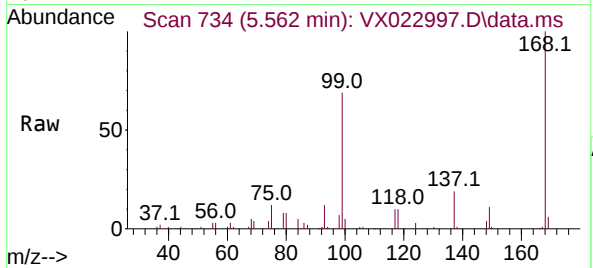




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

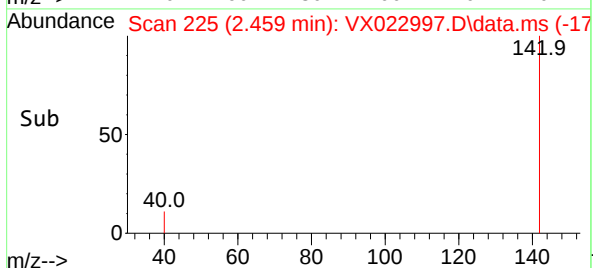
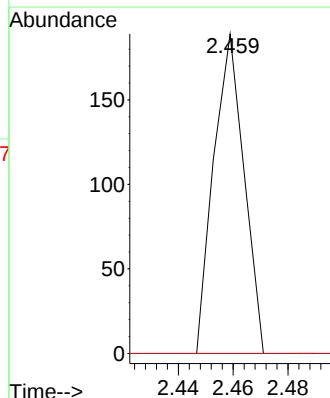
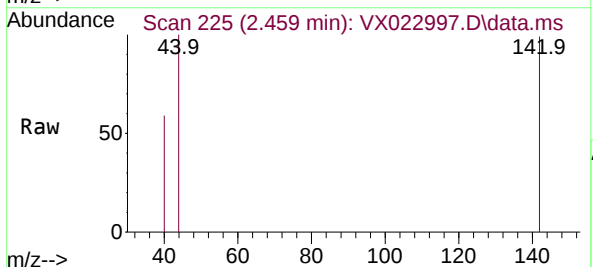
Instrument :
MSVOA_X
ClientSampled :

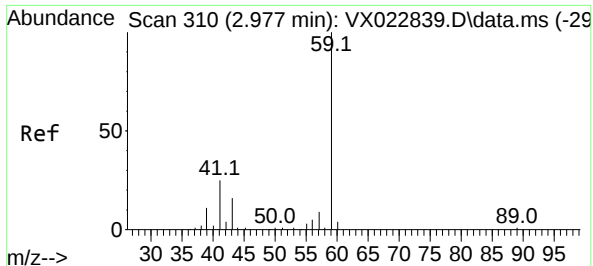
Tgt Ion:168 Resp: 53937
Ion Ratio Lower Upper
168 100
99 68.6 45.8 68.6



#10
Methyl Iodide
Concen: 4.038 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

Tgt Ion:142 Resp: 145
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



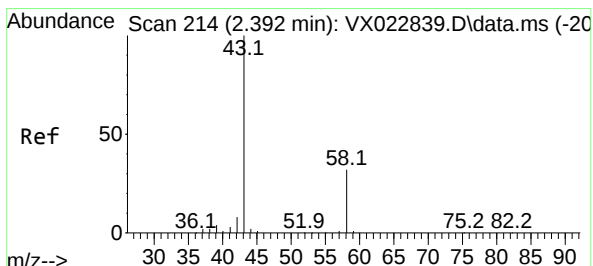
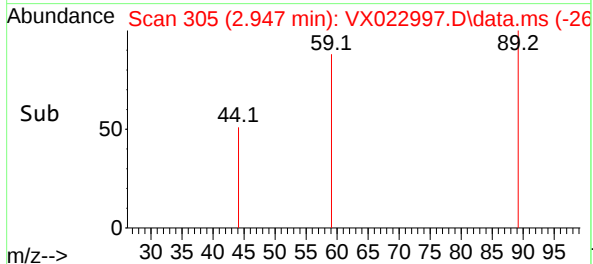
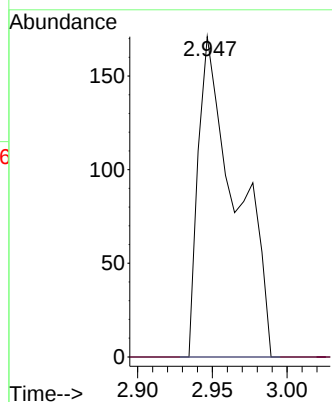
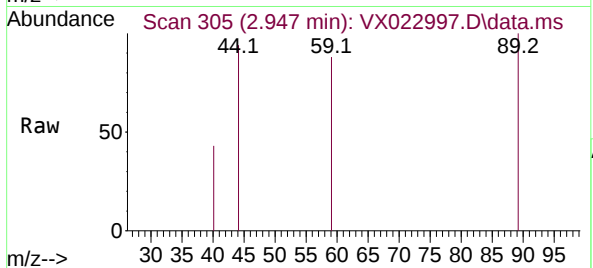


#11

Tert butyl alcohol
Concen: 1.475 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

Instrument :
MSVOA_X
ClientSampled :

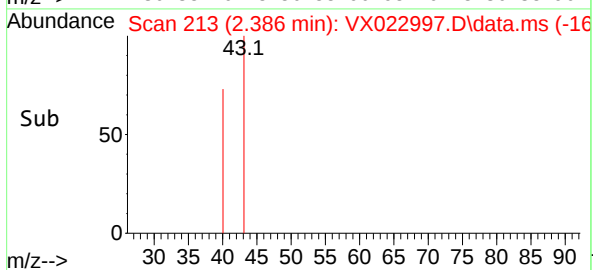
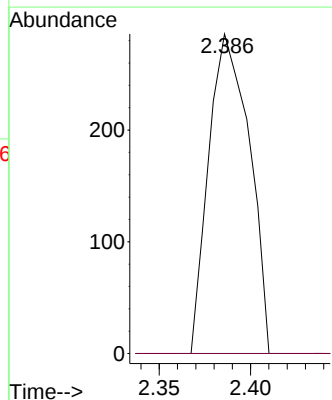
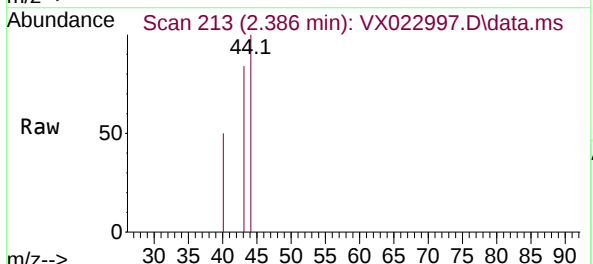
Tgt Ion: 59 Resp: 301
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

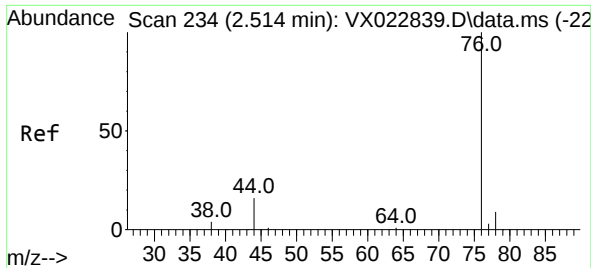


#16

Acetone
Concen: 1.021 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

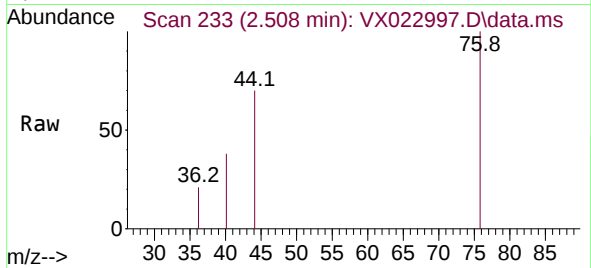
Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



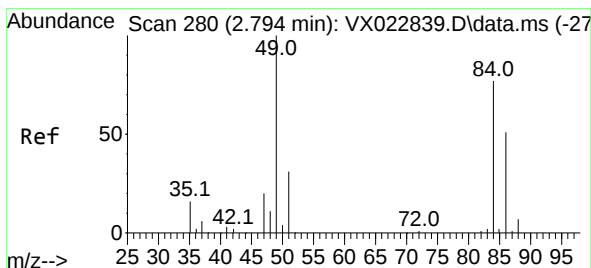
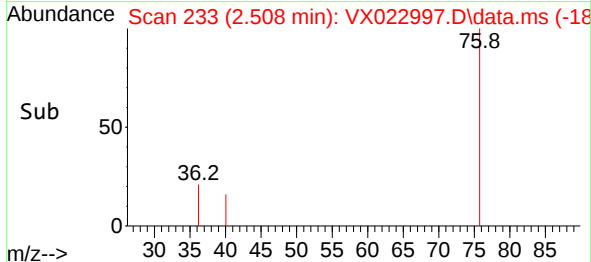
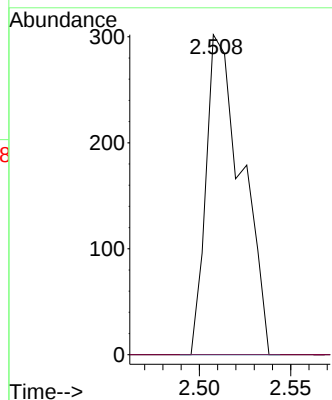


#17
Carbon Disulfide
Concen: 3.717 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

Instrument :
MSVOA_X
ClientSampled :

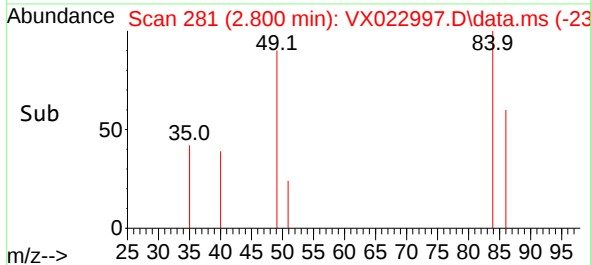
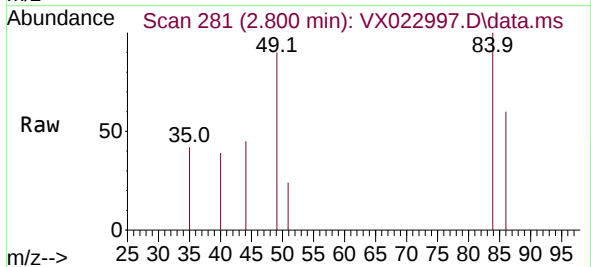
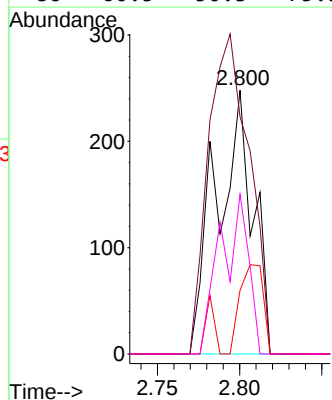


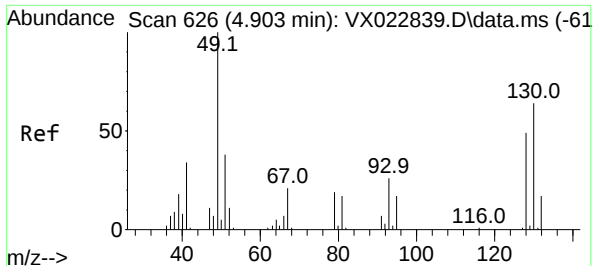
Tgt Ion: 76 Resp: 412
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.814 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

Tgt Ion: 84 Resp: 383
Ion Ratio Lower Upper
84 100
49 89.9 88.6 132.8
51 24.2 27.0 40.6#
86 60.5 50.3 75.5

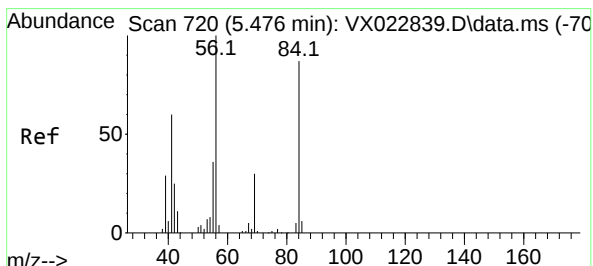
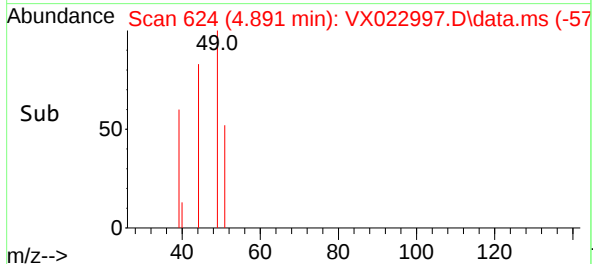
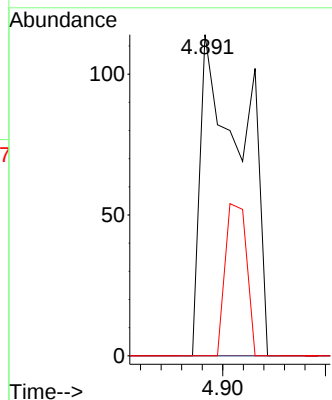
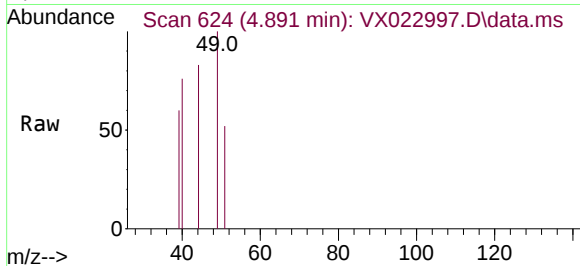




#28
Bromochloromethane
Concen: 0.236 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.012 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

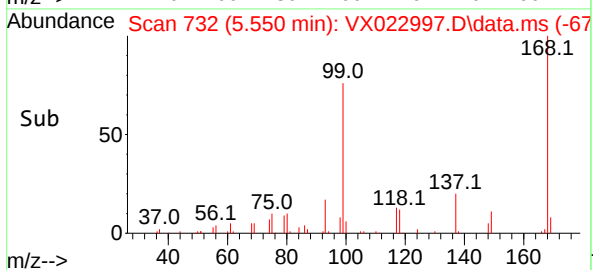
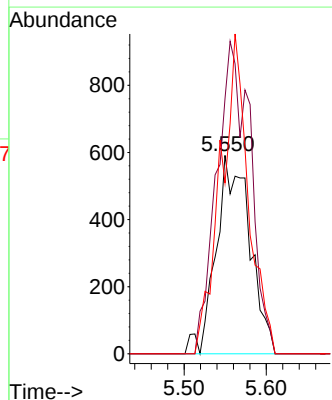
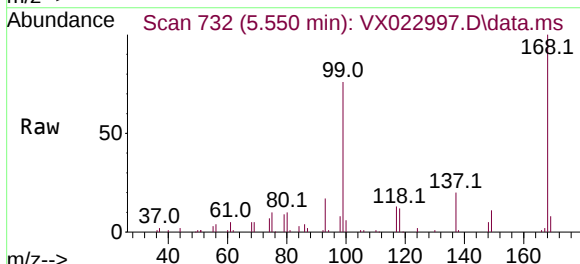
Instrument :
MSVOA_X
ClientSampled :

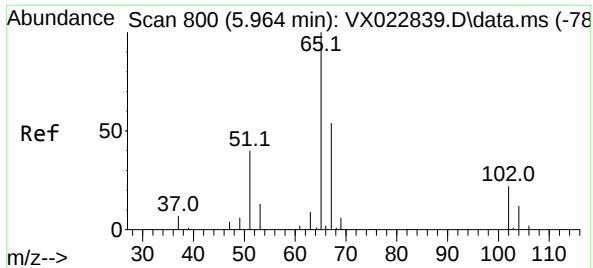
Tgt Ion: 49 Resp: 164
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 23.8 68.2 102.2#



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

Tgt Ion: 56 Resp: 1688
Ion Ratio Lower Upper
56 100
69 128.6 25.3 37.9#
84 86.1 71.4 107.0

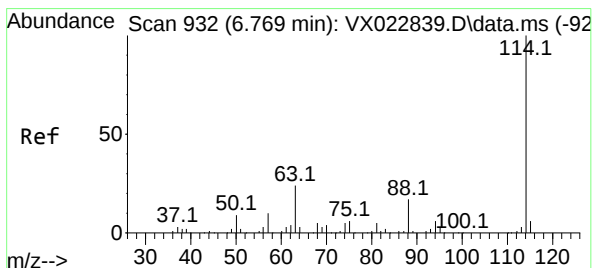
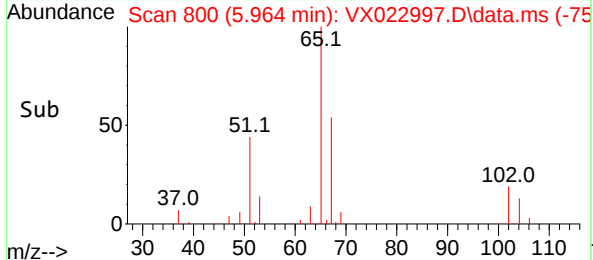
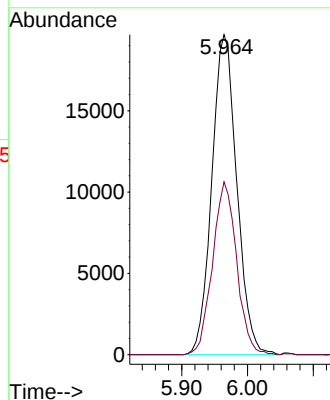
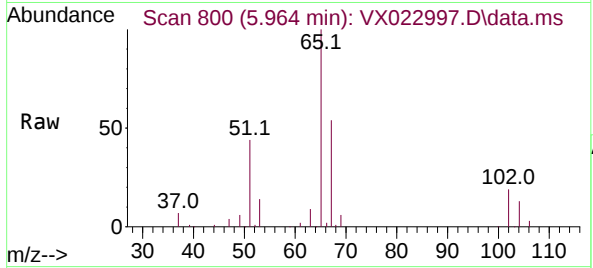




#33
1,2-Dichloroethane-d4
Concen: 53.169 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

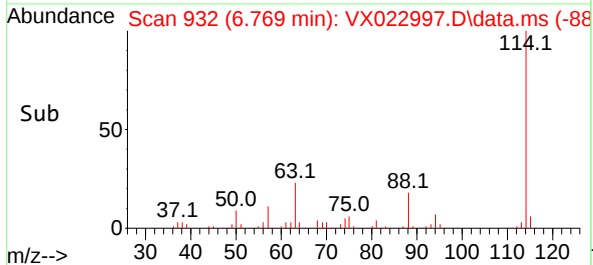
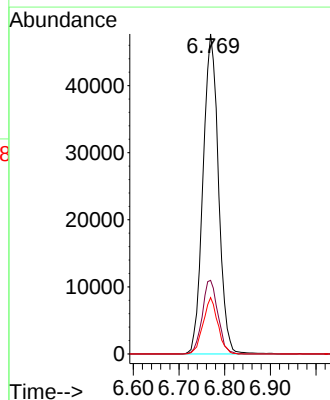
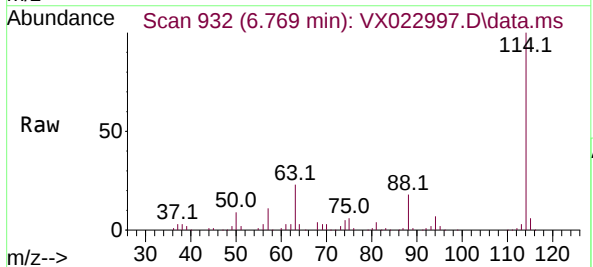
Instrument :
MSVOA_X
ClientSampleId :

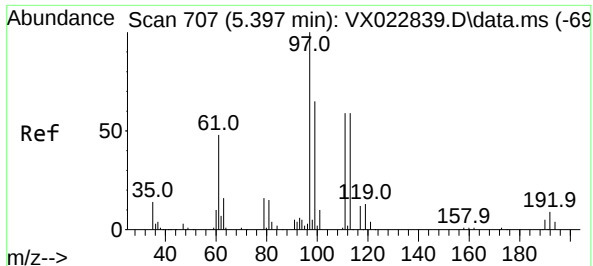
Tgt Ion: 65 Resp: 52044
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

Tgt Ion: 114 Resp: 111506
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 17.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.371 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022997.D

Acq: 29 Jun 2021 12:47

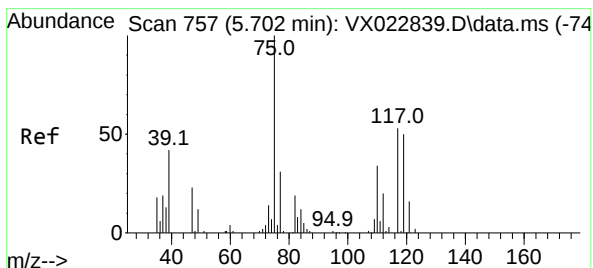
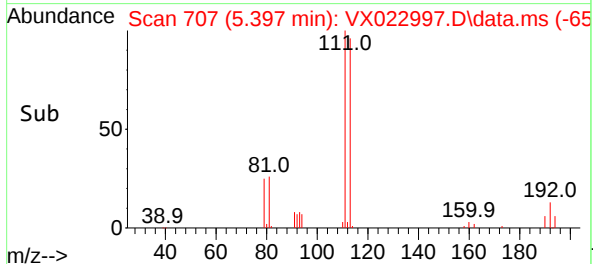
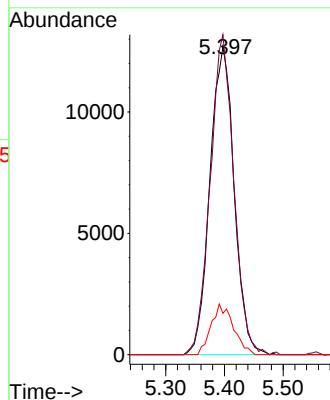
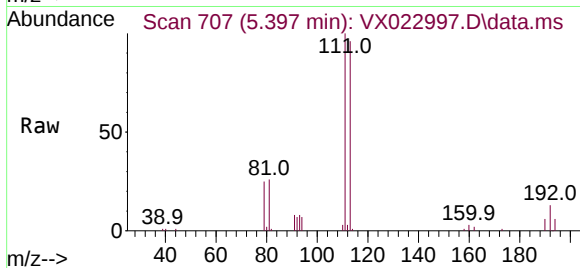
Tgt Ion:113 Resp: 36375

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

192 15.1 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.797 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022997.D

Acq: 29 Jun 2021 12:47

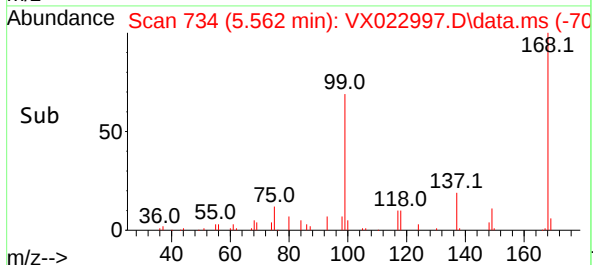
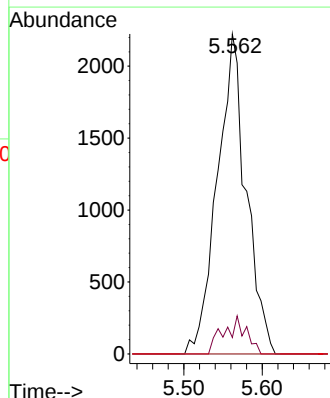
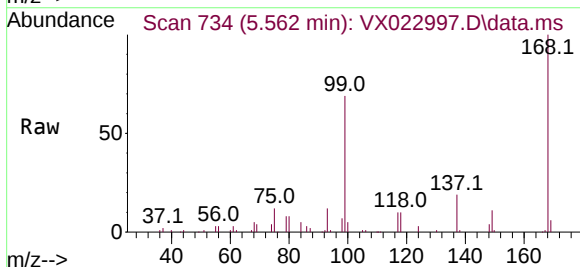
Tgt Ion: 75 Resp: 5682

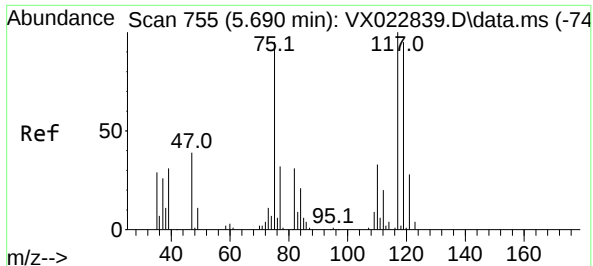
Ion Ratio Lower Upper

75 100

110 6.6 18.1 54.4#

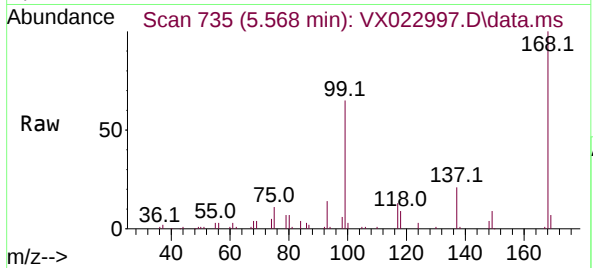
77 0.0 25.3 37.9#



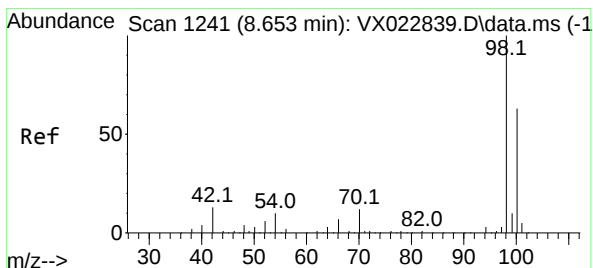
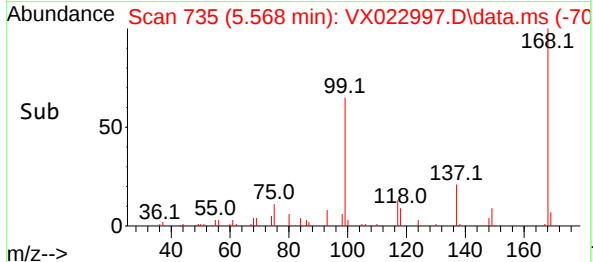
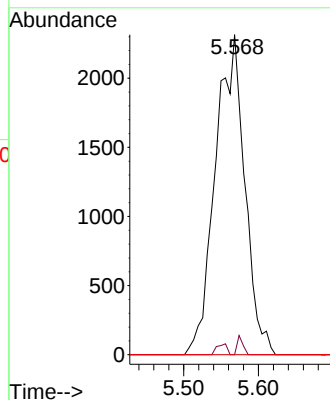


#38
Carbon Tetrachloride
Concen: 6.391 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

Instrument :
MSVOA_X
ClientSampleId :

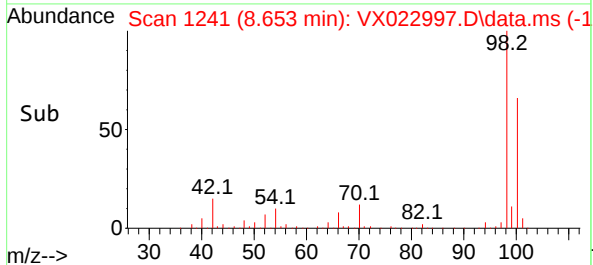
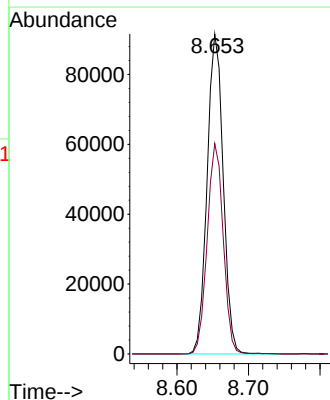
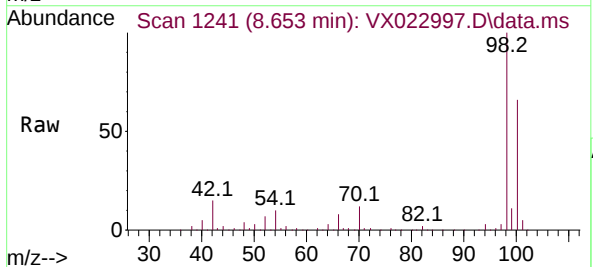


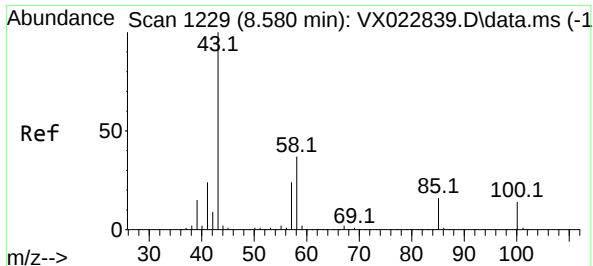
Tgt Ion:117 Resp: 6349
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.511 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

Tgt Ion: 98 Resp: 142950
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

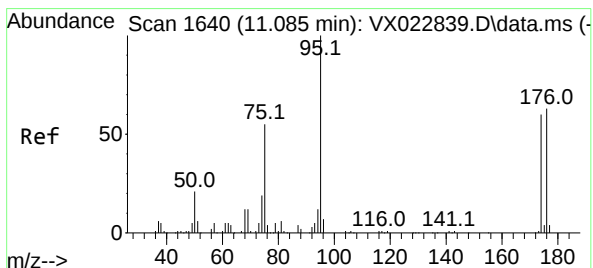
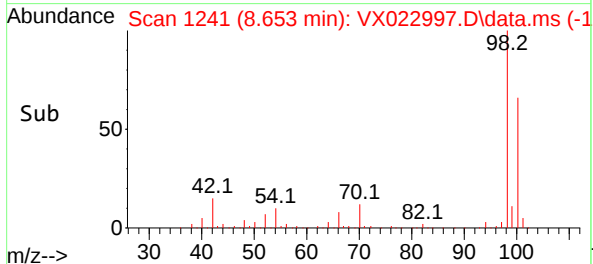
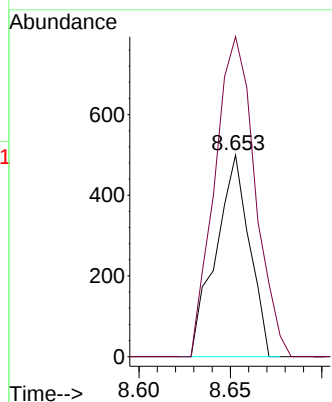
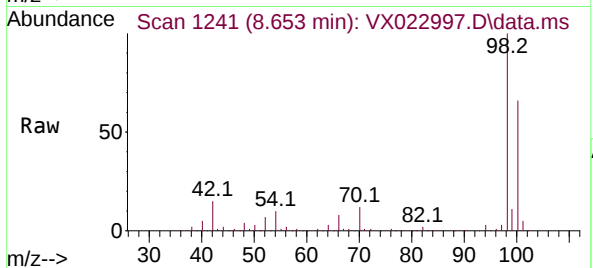




#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

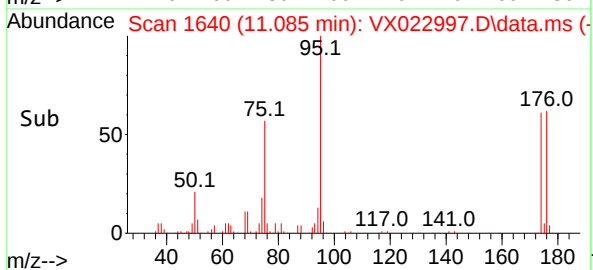
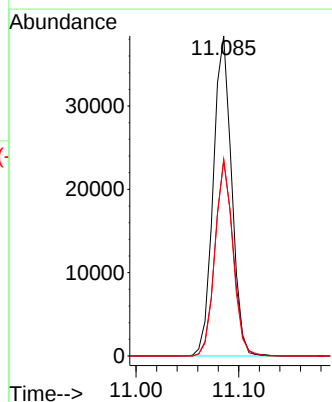
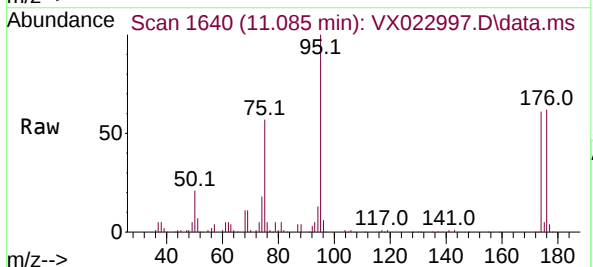
Instrument :
MSVOA_X
ClientSampled :

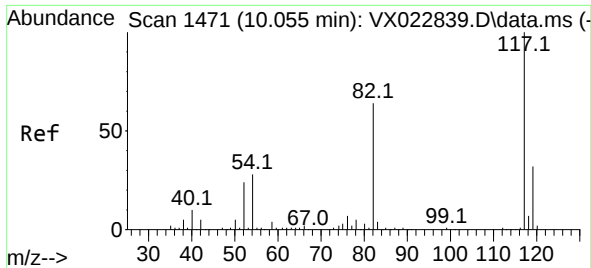
Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
58 190.5 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.118 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

Tgt Ion: 95 Resp: 47765
Ion Ratio Lower Upper
95 100
174 60.4 0.0 154.6
176 59.4 0.0 155.8

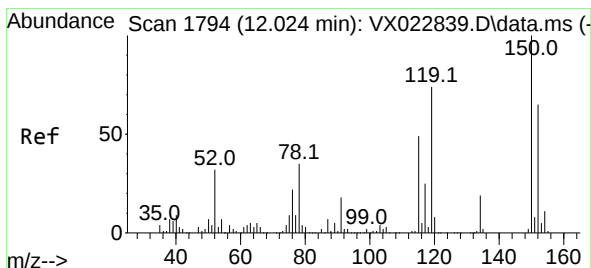
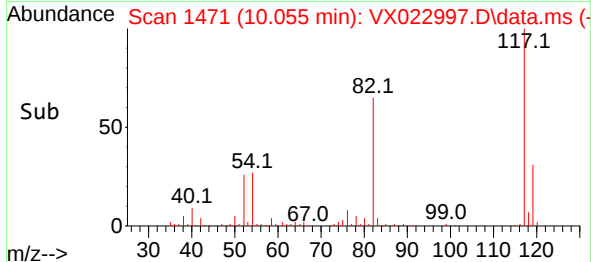
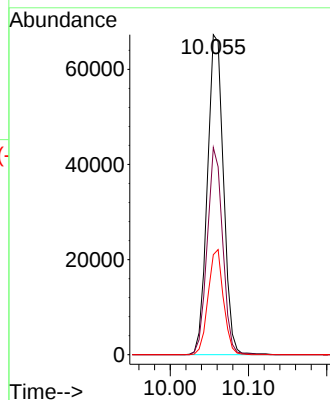
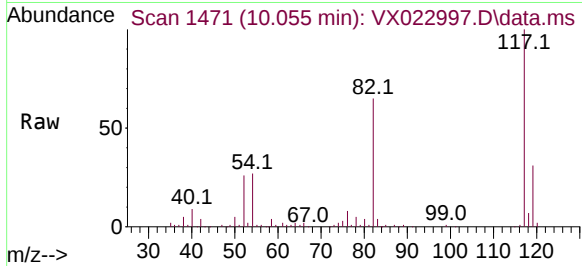




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

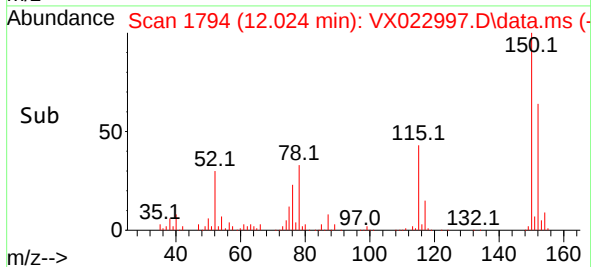
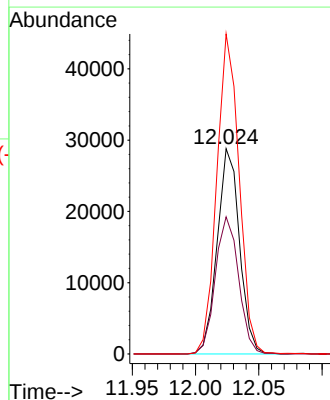
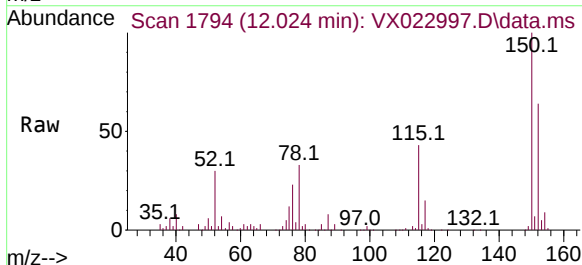
Instrument :
MSVOA_X
ClientSampleId :

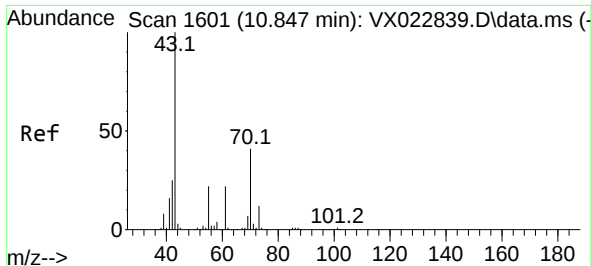
Tgt Ion:	117	Resp:	95651
Ion	Ratio	Lower	Upper
117	100		
82	64.8	47.4	71.2
119	31.3	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

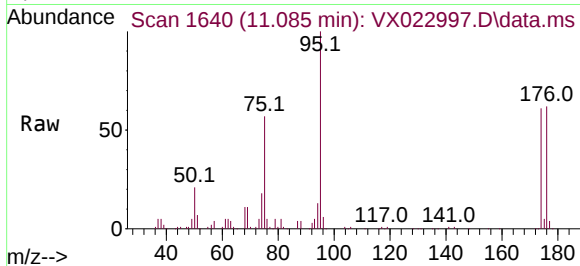
Tgt Ion:	152	Resp:	35221
Ion	Ratio	Lower	Upper
152	100		
115	69.8	41.1	123.3
150	156.1	0.0	349.0



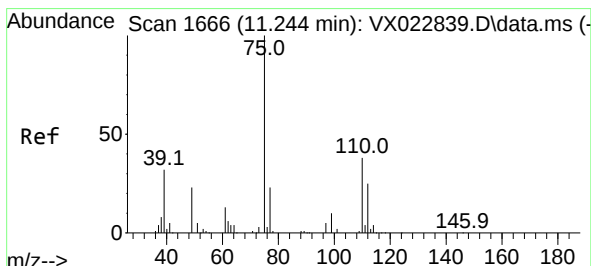
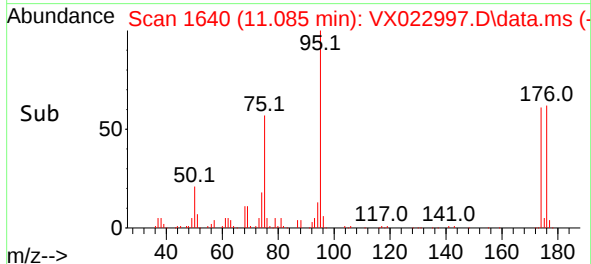
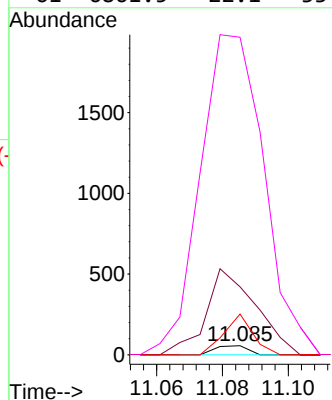


#74
N-amy1 acetate
Concen: 2.077 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.238 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

Instrument :
MSVOA_X
ClientSampled :

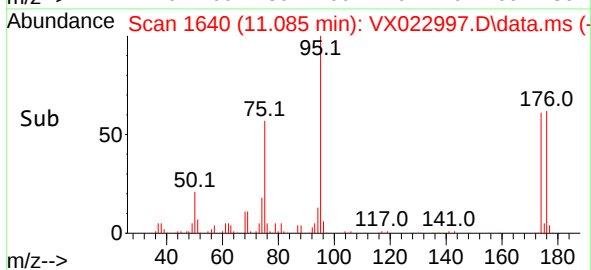
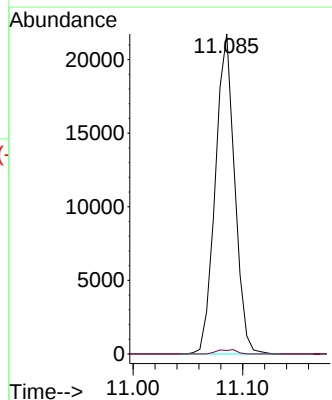
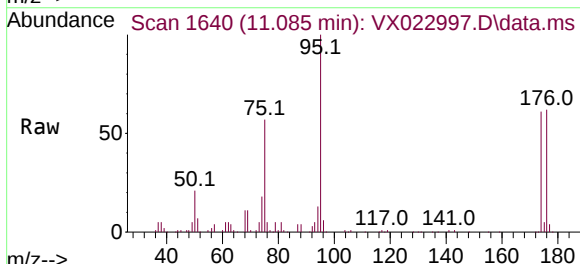


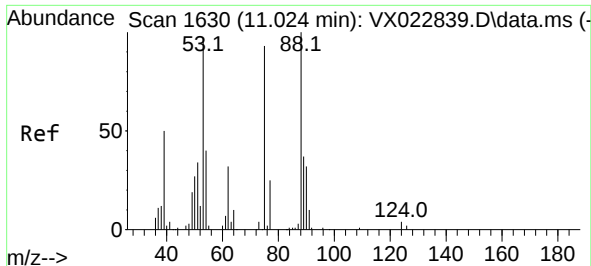
Tgt Ion: 43 Resp: 39
Ion Ratio Lower Upper
43 100
70 1443.6 39.0 58.6#
55 394.9 21.5 32.3#
61 6861.5 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 28.682 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

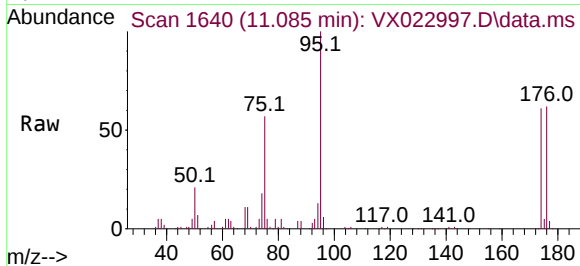
Tgt Ion: 75 Resp: 26684
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



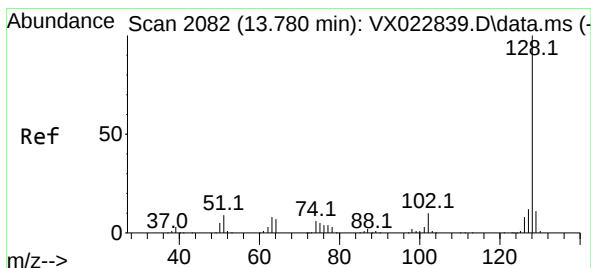
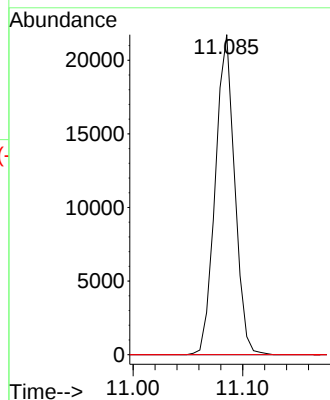
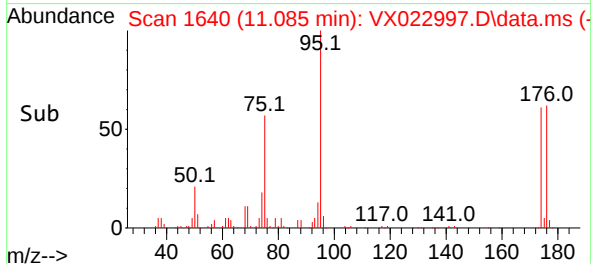


#81
trans-1,4-Dichloro-2-butene
Concen: 73.895 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47

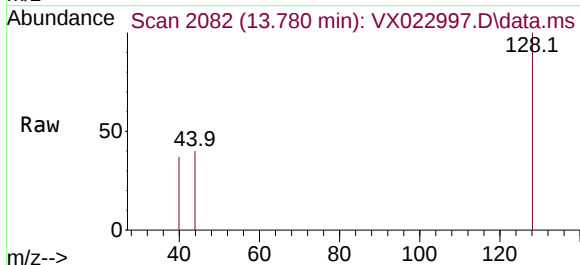
Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 75 Resp: 26684
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.023 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022997.D
Acq: 29 Jun 2021 12:47



Tgt Ion: 128 Resp: 299
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

