

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023035.D
 Acq On : 30 Jun 2021 15:43
 Operator : JC/MD
 Sample : M2872-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 03:26:40 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)

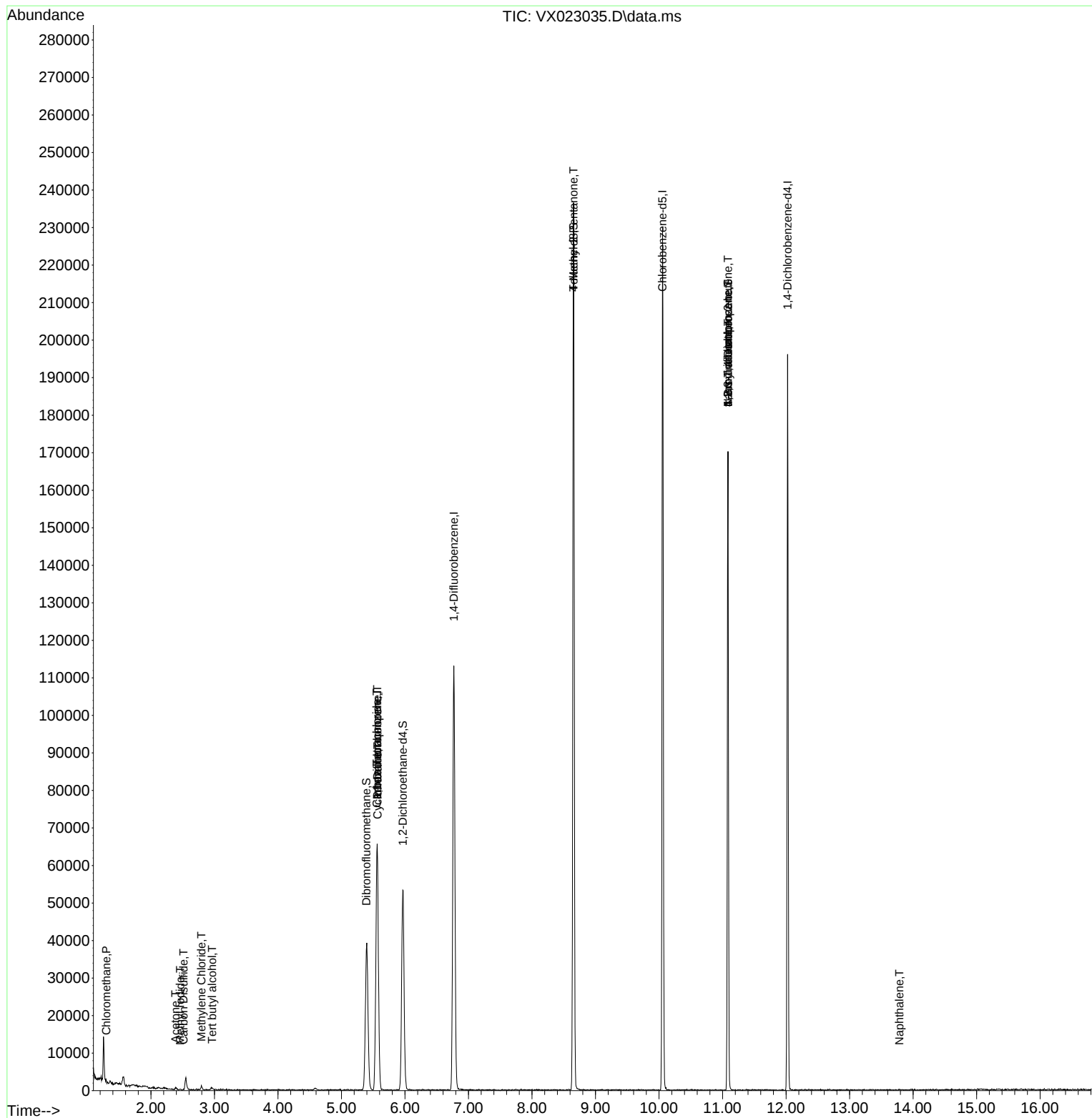
Internal Standards						
1) Pentafluorobenzene	5.562	168	52507	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	106320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	91091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51447	53.990	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.980%	
35) Dibromofluoromethane	5.391	113	32897	48.725	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.440%	
50) Toluene-d8	8.653	98	130558	49.340	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.680%	
62) 4-Bromofluorobenzene	11.085	95	43437	43.985	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.980%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	185	0.227	ug/l	# 42
10) Methyl Iodide	2.459	142	28	3.911	ug/l	# 42
11) Tert butyl alcohol	2.965	59	444	2.236	ug/l	# 73
16) Acetone	2.386	43	664	1.572	ug/l	# 40
17) Carbon Disulfide	2.514	76	31	3.531	ug/l	# 75
20) Methylene Chloride	2.794	84	432	0.884	ug/l	# 81
31) Cyclohexane	5.568	56	1752	1.302	ug/l	# 36
36) 1,1-Dichloropropene	5.562	75	5714	5.060	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	6581	6.948	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.653	43	683	0.522	ug/l	# 1
74) N-amyl acetate	11.085	43	20	2.067	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	24644	27.775	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	24644	71.764	ug/l	# 12
95) Naphthalene	13.786	128	121	1.965	ug/l	# 69

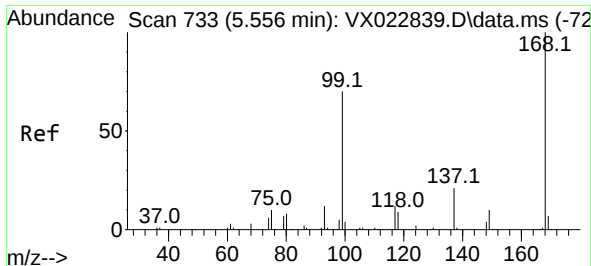
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 01 03:26:40 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

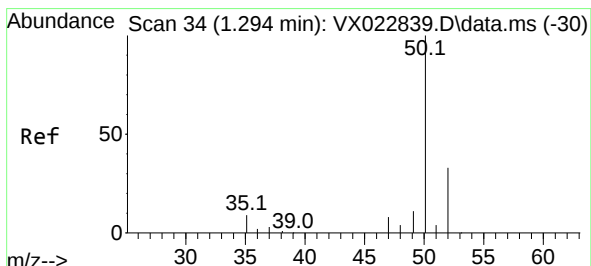
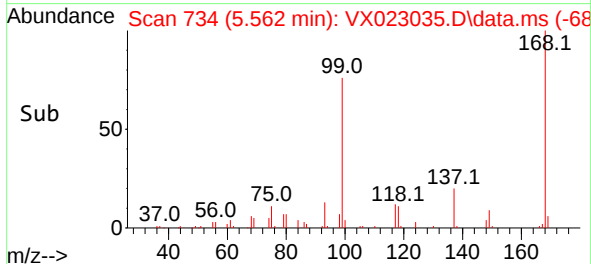
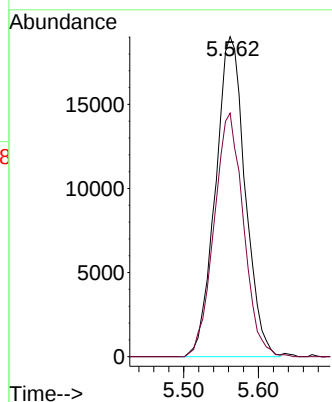
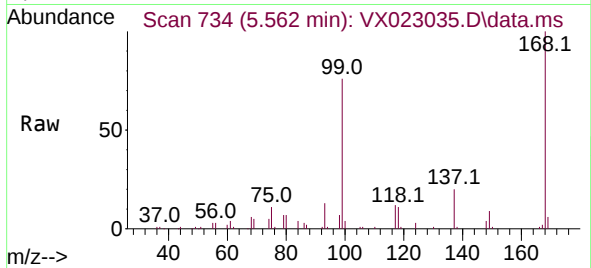




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

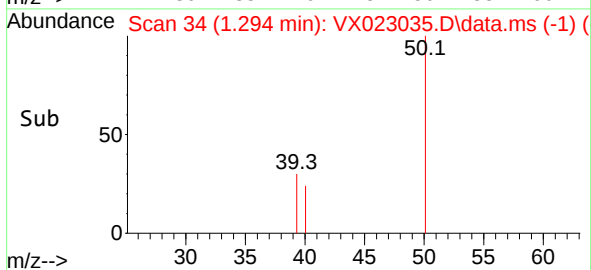
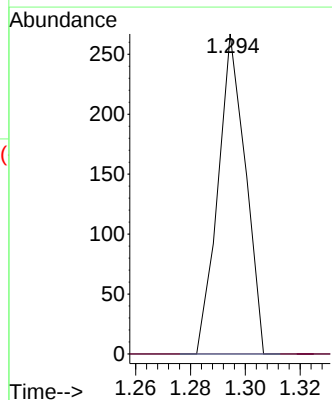
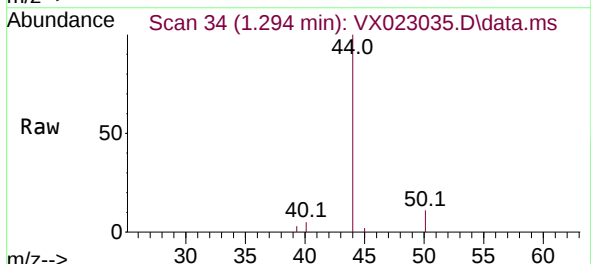
Instrument :
MSVOA_X
ClientSampleId :

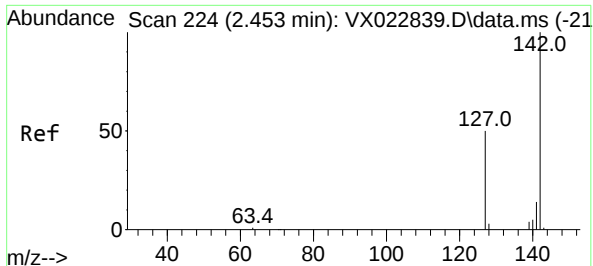
Tgt Ion:168 Resp: 52507
Ion Ratio Lower Upper
168 100
99 76.1 45.8 68.6#



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

Tgt Ion: 50 Resp: 185
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

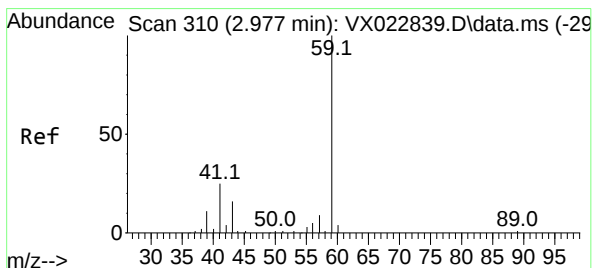
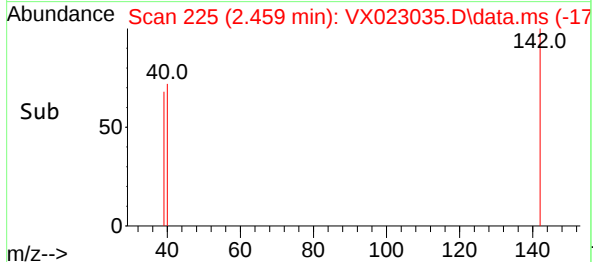
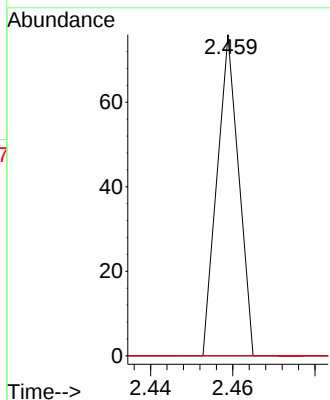
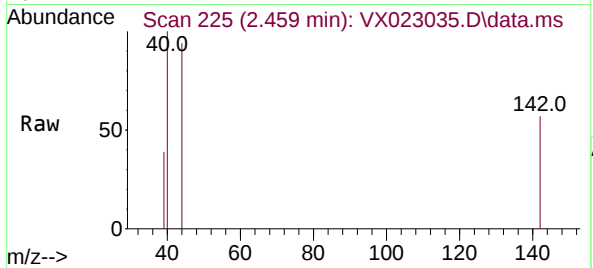




#10
Methyl Iodide
Concen: 3.911 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

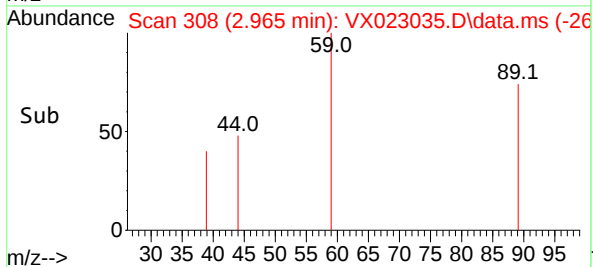
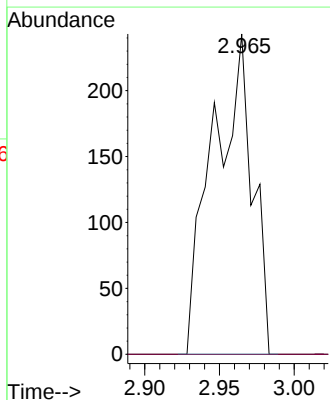
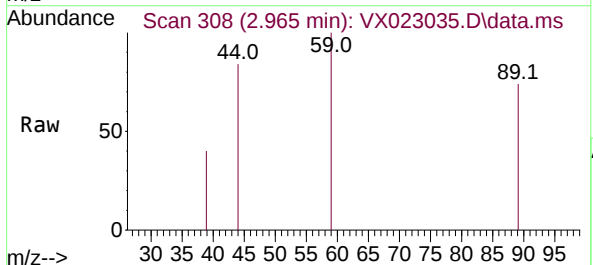
Instrument :
MSVOA_X
ClientSampled :

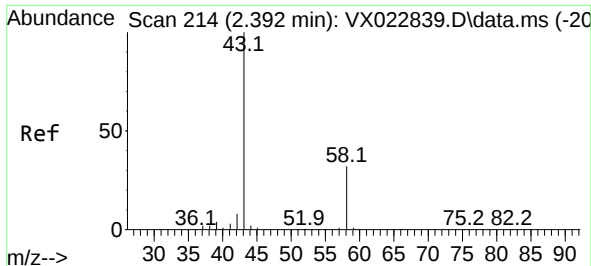
Tgt Ion:142 Resp: 28
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.236 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

Tgt Ion: 59 Resp: 444
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

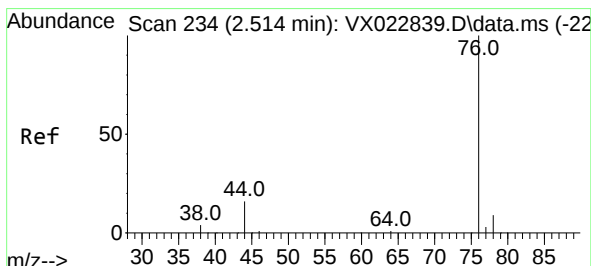
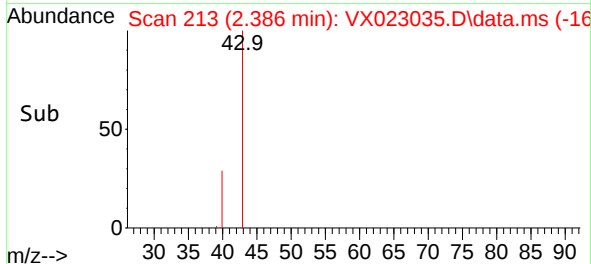
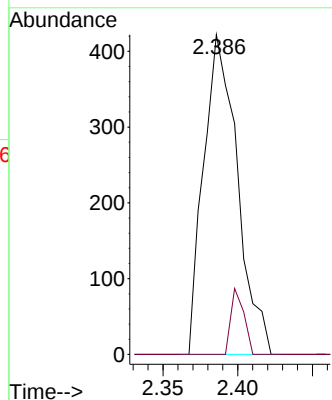
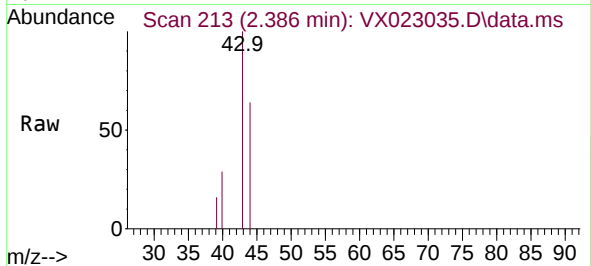




#16
Acetone
Concen: 1.572 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

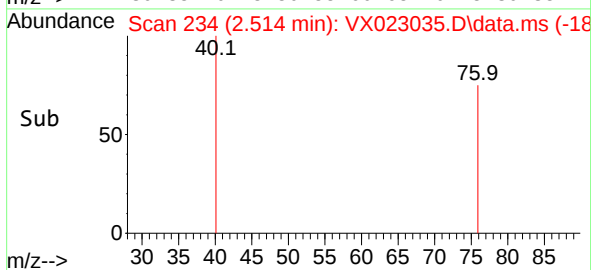
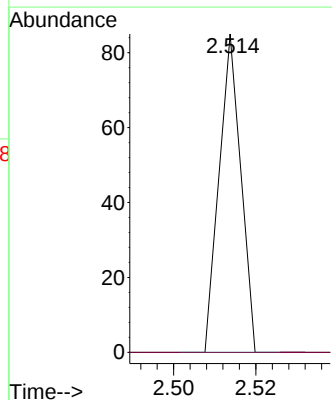
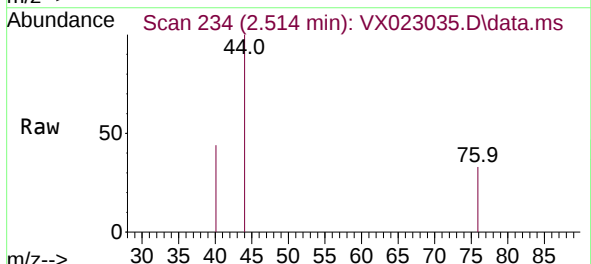
Instrument :
MSVOA_X
ClientSampled :

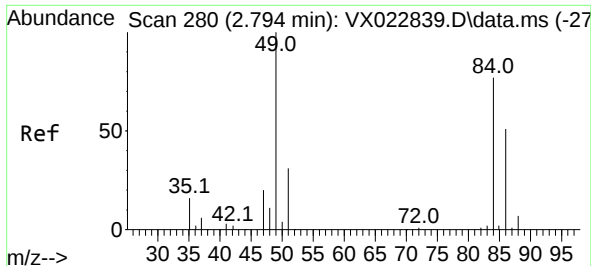
Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.531 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

Tgt Ion: 76 Resp: 31
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.884 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023035.D

Acq: 30 Jun 2021 15:43

Tgt Ion: 84 Resp: 432

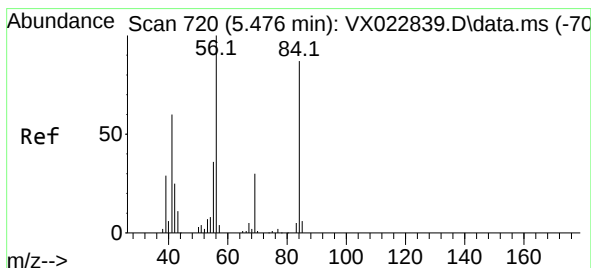
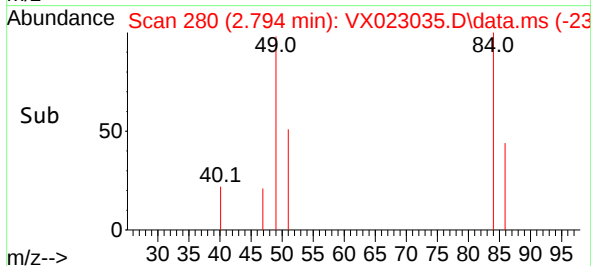
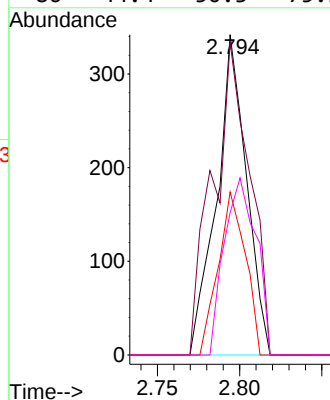
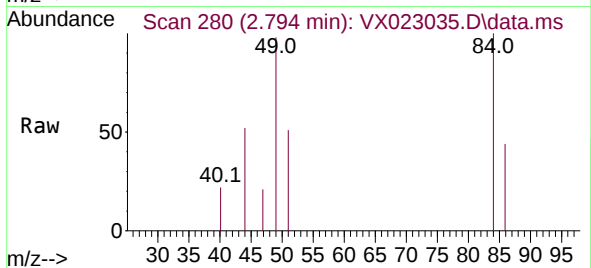
Ion Ratio Lower Upper

84 100

49 97.7 88.6 132.8

51 50.9 27.0 40.6#

86 44.4 50.3 75.5#



#31

Cyclohexane

Concen: 1.302 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.092 min

Lab File: VX023035.D

Acq: 30 Jun 2021 15:43

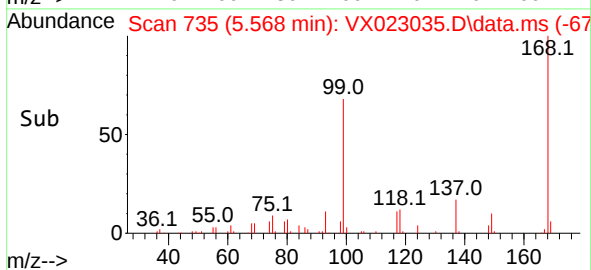
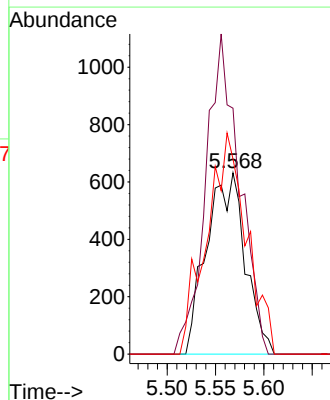
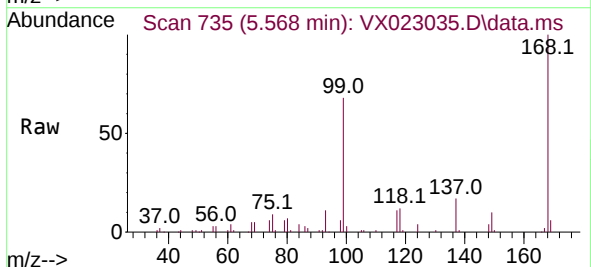
Tgt Ion: 56 Resp: 1752

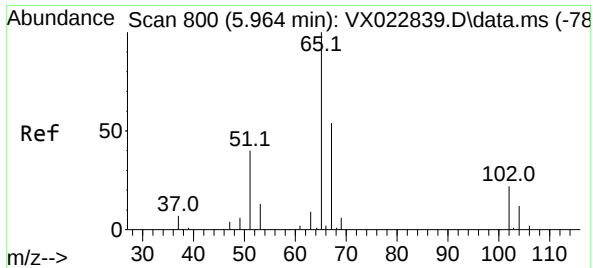
Ion Ratio Lower Upper

56 100

69 135.6 25.3 37.9#

84 107.6 71.4 107.0#

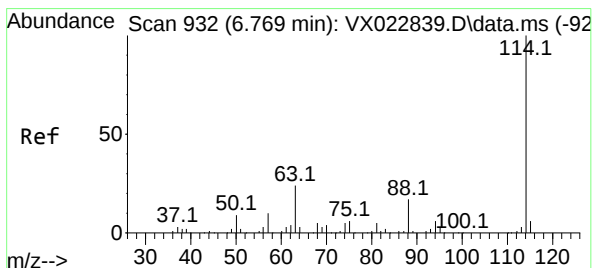
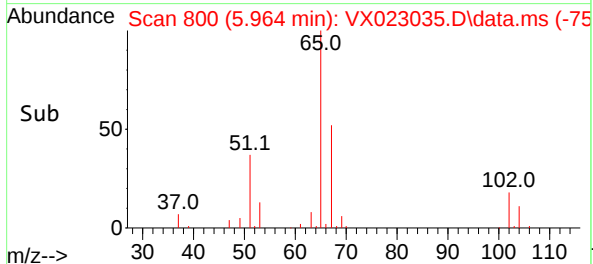
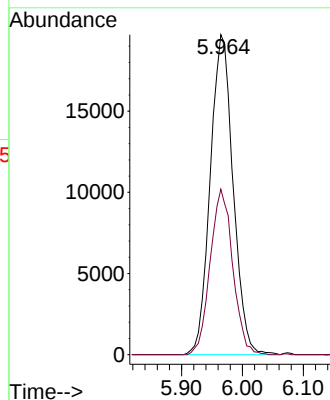
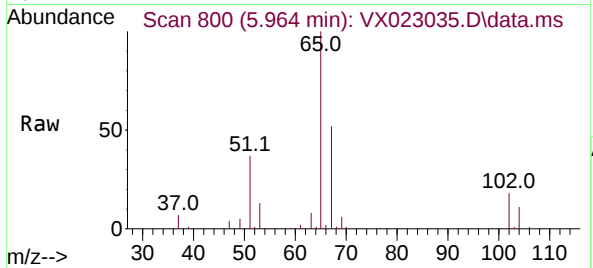




#33
1,2-Dichloroethane-d4
Concen: 53.990 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

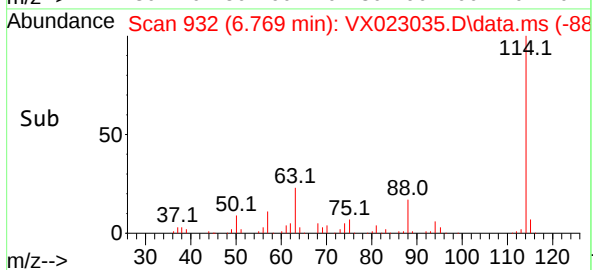
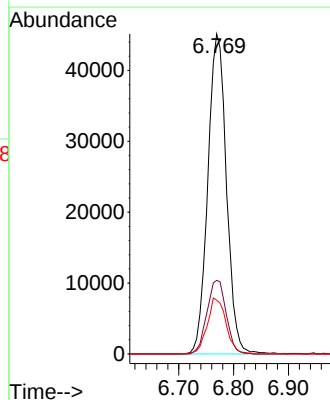
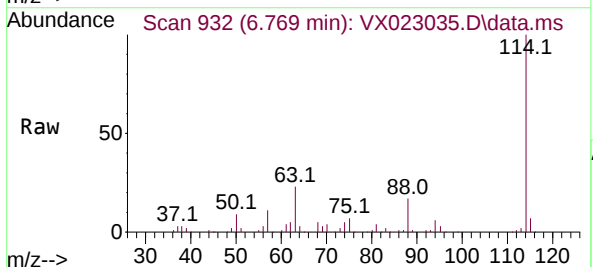
Instrument :
MSVOA_X
ClientSampled :

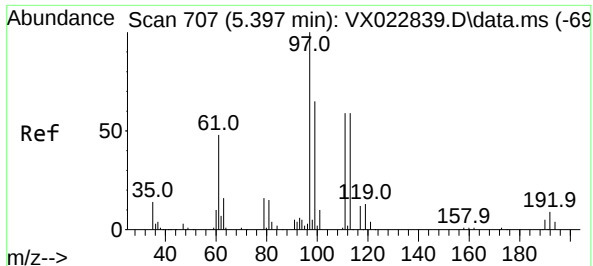
Tgt Ion: 65 Resp: 51447
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

Tgt Ion: 114 Resp: 106320
Ion Ratio Lower Upper
114 100
63 23.0 0.0 40.8
88 16.8 0.0 32.8

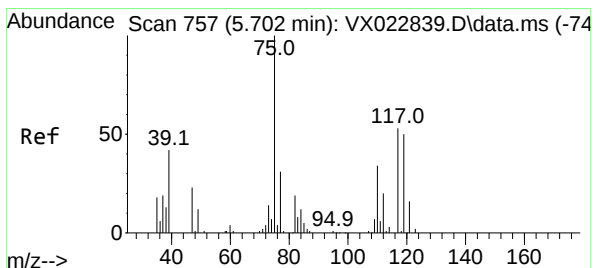
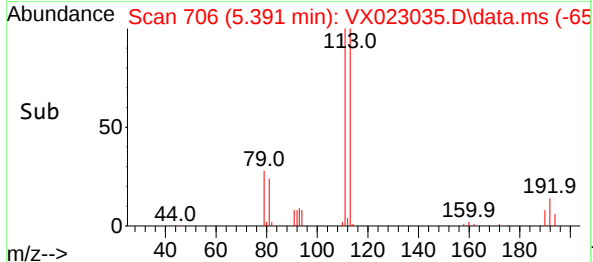
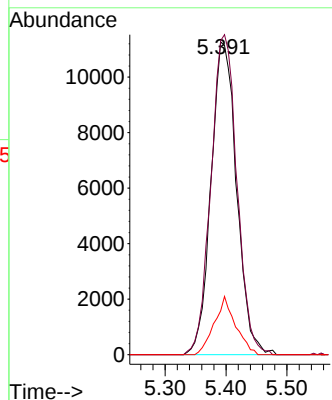
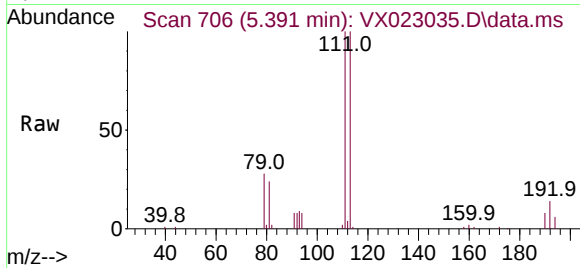




#35
Dibromofluoromethane
Concen: 48.725 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

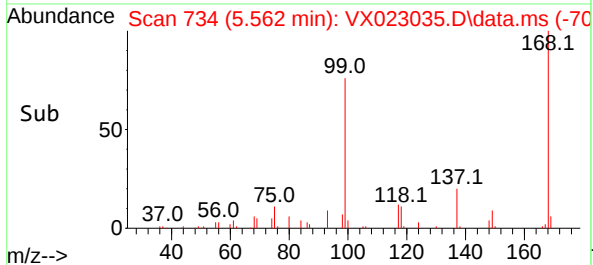
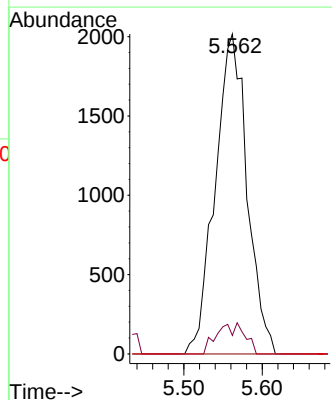
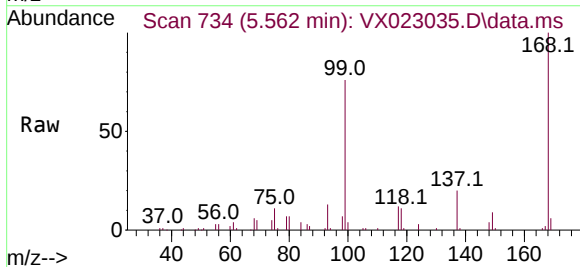
Instrument :
MSVOA_X
ClientSampleId :

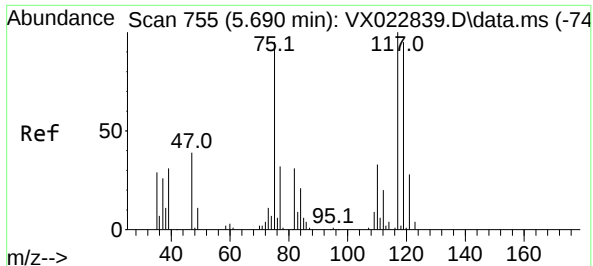
Tgt Ion:113 Resp: 32897
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 15.5 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.060 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

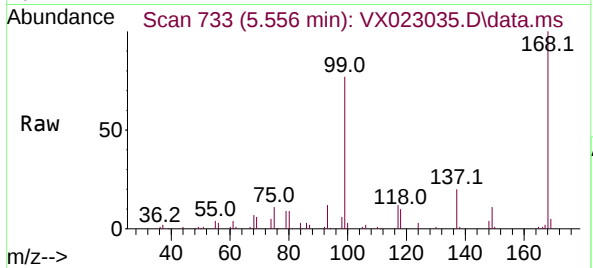
Tgt Ion: 75 Resp: 5714
Ion Ratio Lower Upper
75 100
110 5.0 18.1 54.4#
77 0.0 25.3 37.9#



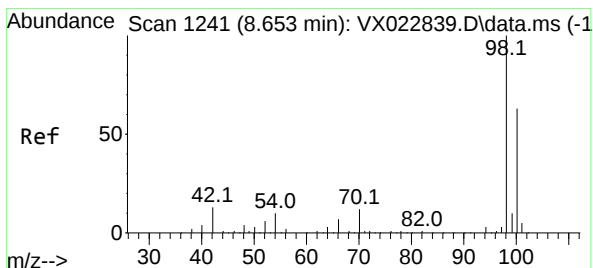
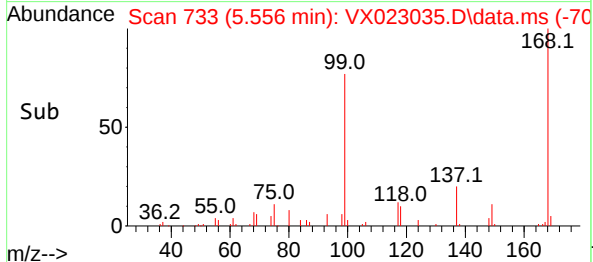
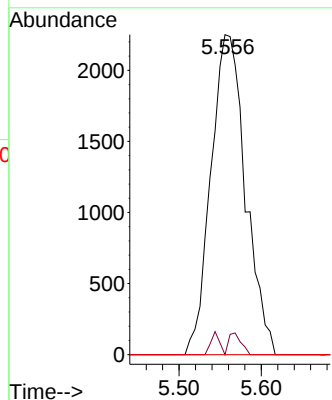


#38
Carbon Tetrachloride
Concen: 6.948 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

Instrument :
MSVOA_X
ClientSampled :

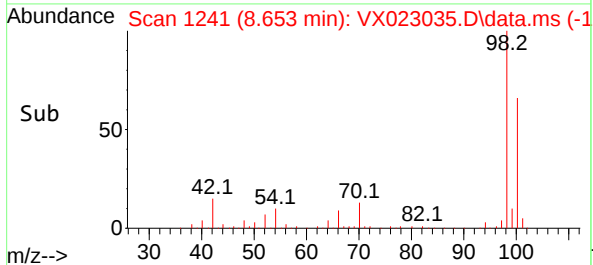
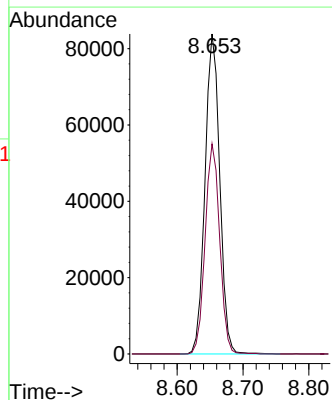
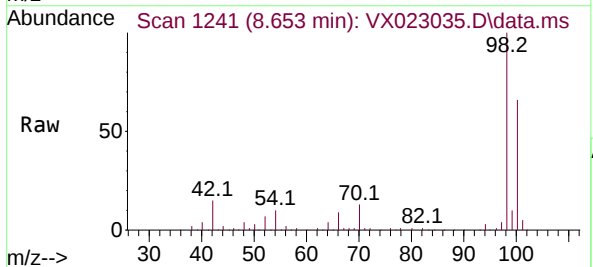


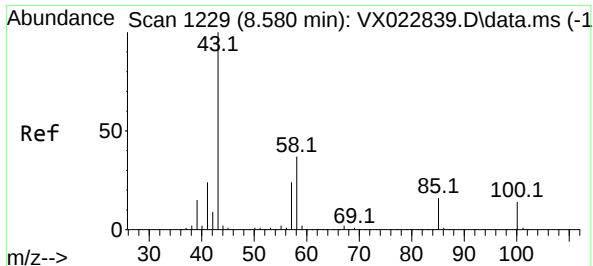
Tgt Ion:117 Resp: 6581
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.340 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

Tgt Ion: 98 Resp: 130558
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

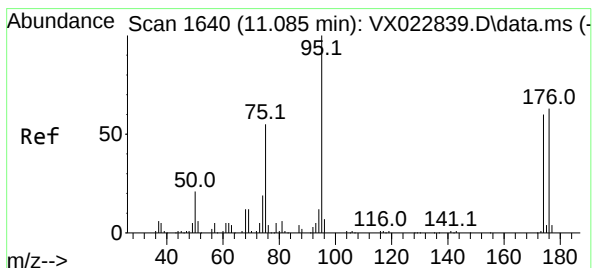
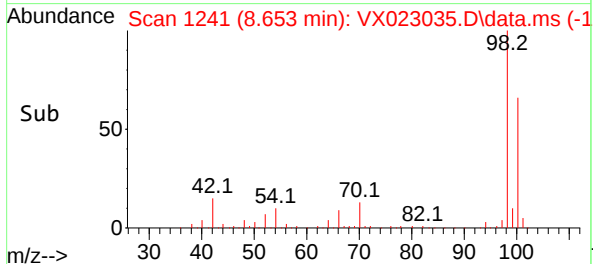
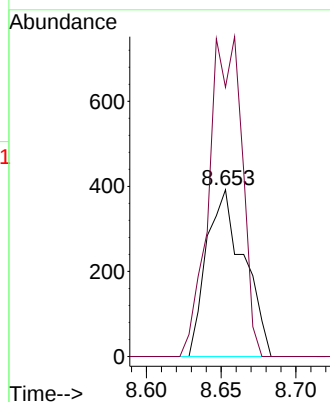
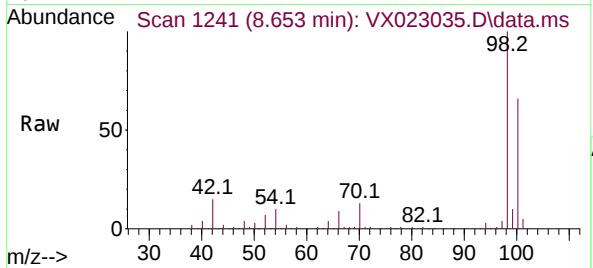




#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

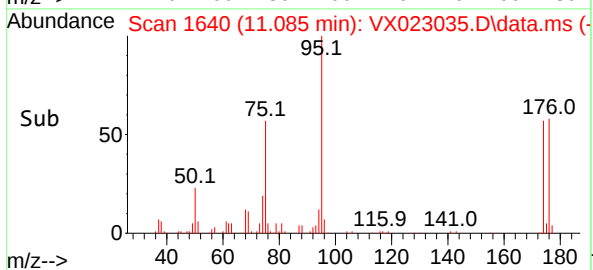
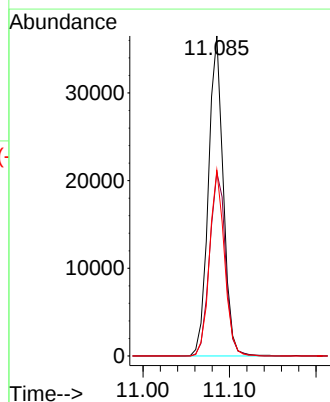
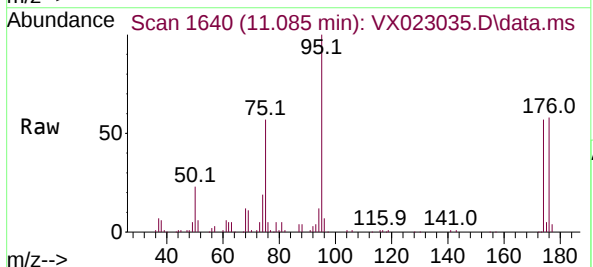
Instrument :
MSVOA_X
ClientSampled :

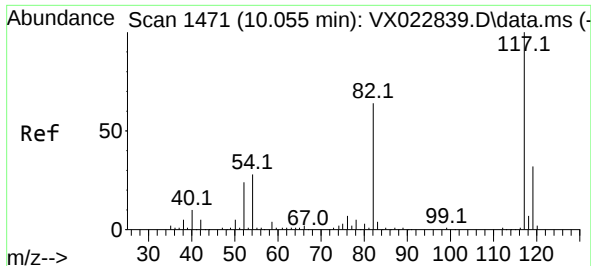
Tgt Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
58 169.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 43.985 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

Tgt Ion: 95 Resp: 43437
Ion Ratio Lower Upper
95 100
174 61.3 0.0 154.6
176 58.1 0.0 155.8

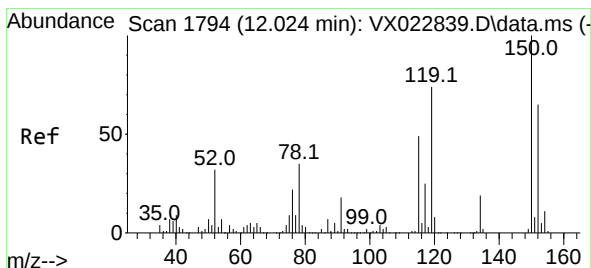
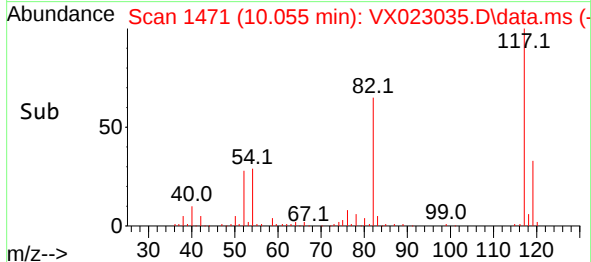
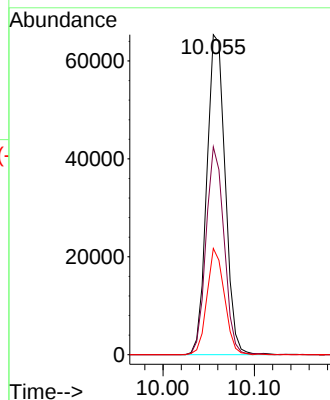
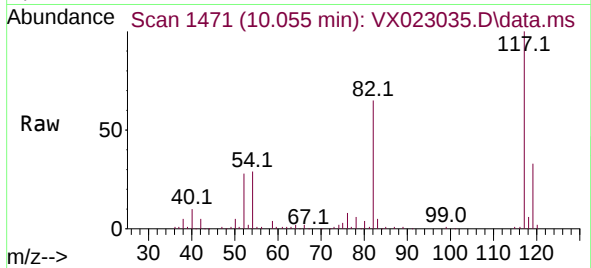




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

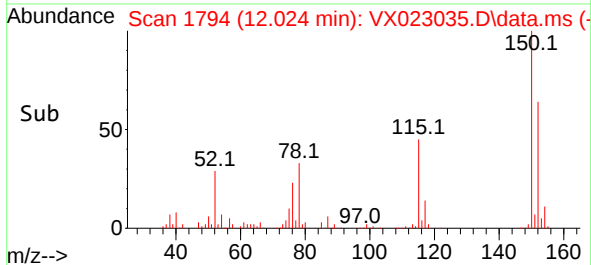
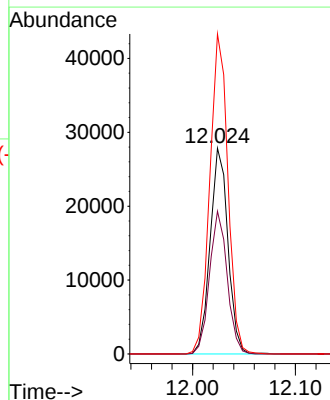
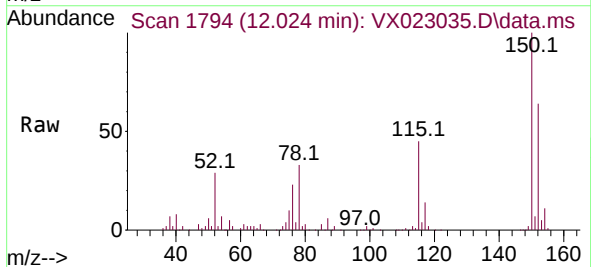
Instrument :
MSVOA_X
ClientSampled :

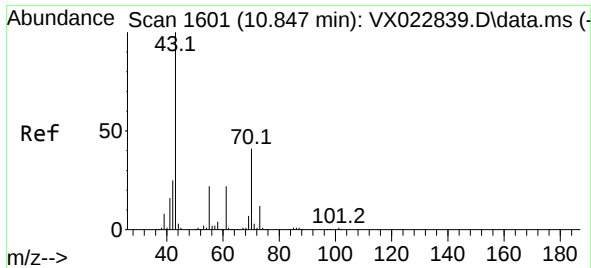
Tgt Ion:117 Resp: 91091
Ion Ratio Lower Upper
117 100
82 65.0 47.4 71.2
119 33.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

Tgt Ion:152 Resp: 33591
Ion Ratio Lower Upper
152 100
115 68.7 41.1 123.3
150 157.8 0.0 349.0

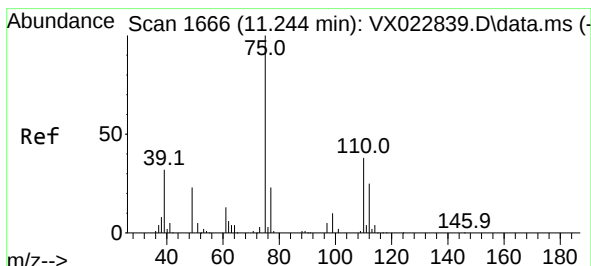
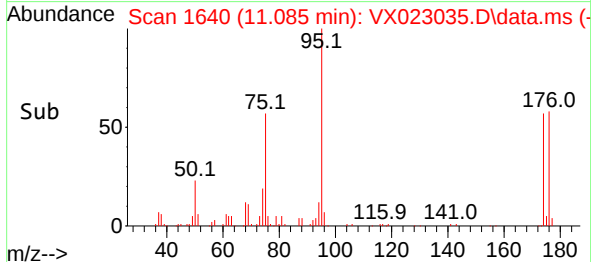
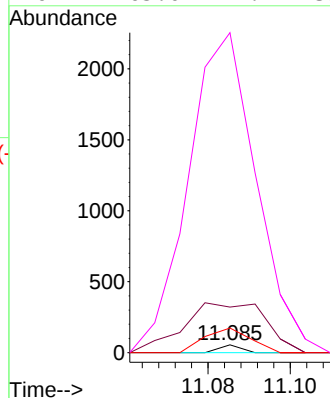
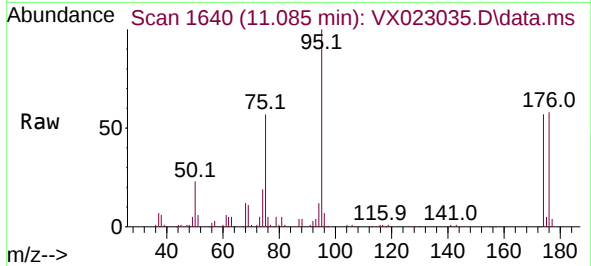




#74
N-amy1 acetate
Concen: 2.067 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.238 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

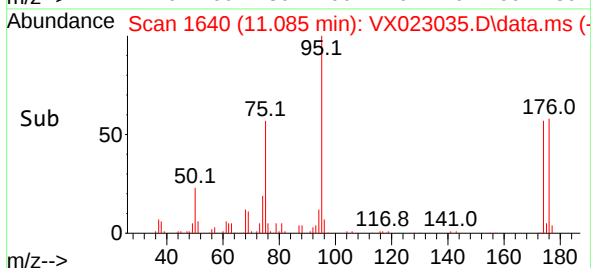
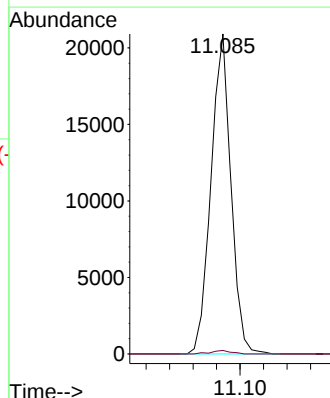
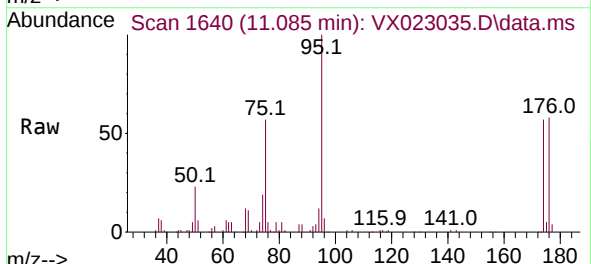
Instrument :
MSVOA_X
ClientSampled :

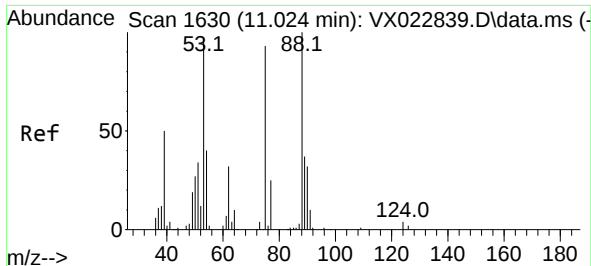
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
70 2450.0 39.0 58.6#
55 675.0 21.5 32.3#
61 12965.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 27.775 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

Tgt Ion: 75 Resp: 24644
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

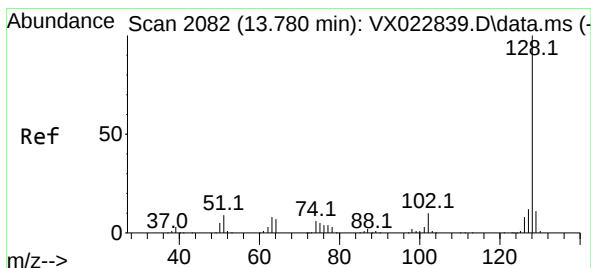
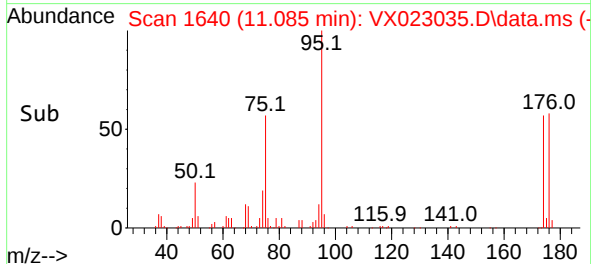
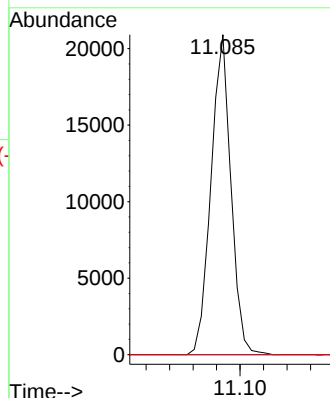
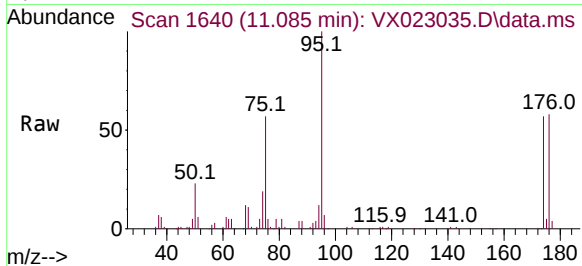




#81
trans-1,4-Dichloro-2-butene
Concen: 71.764 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 24644
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.965 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023035.D
Acq: 30 Jun 2021 15:43

Tgt Ion:128 Resp: 121
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

