

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023029.D
 Acq On : 30 Jun 2021 13:22
 Operator : JC/MD
 Sample : M2872-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 01 03:25:52 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)

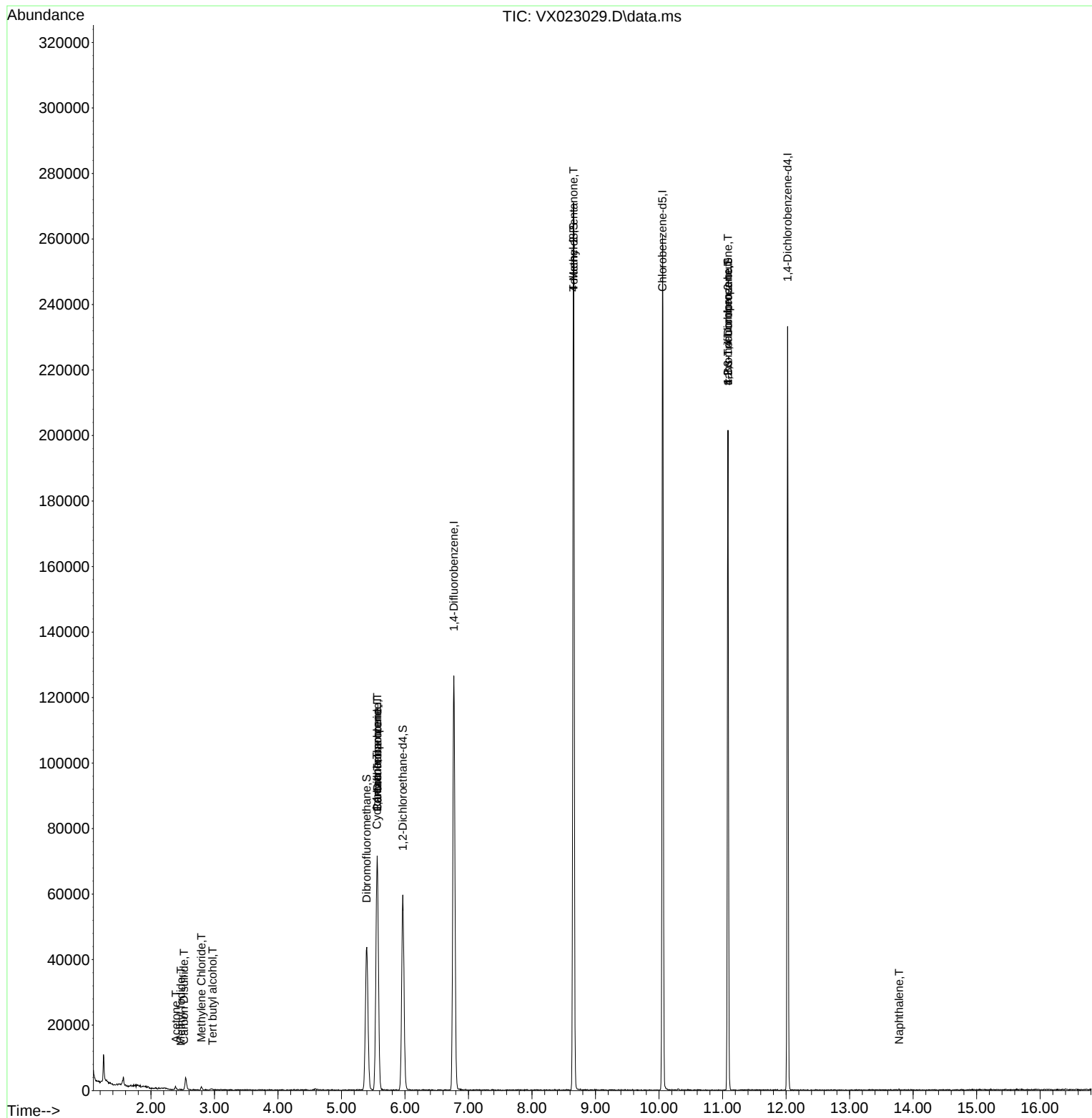
Internal Standards						
1) Pentafluorobenzene	5.562	168	58501	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	118177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53801	50.676	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.360%	
35) Dibromofluoromethane	5.397	113	36954	49.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.480%	
50) Toluene-d8	8.653	98	148156	50.373	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.740%	
62) 4-Bromofluorobenzene	11.085	95	51389	46.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.640%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	152	4.032	ug/l	# 42
11) Tert butyl alcohol	2.971	59	396	1.790	ug/l	# 73
16) Acetone	2.392	43	856	1.819	ug/l	94
17) Carbon Disulfide	2.520	76	126	3.572	ug/l	# 75
20) Methylene Chloride	2.794	84	383	0.780	ug/l	92
31) Cyclohexane	5.556	56	1977	1.319	ug/l	# 29
36) 1,1-Dichloropropene	5.562	75	6105	4.864	ug/l	# 45
38) Carbon Tetrachloride	5.562	117	7126	6.769	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.653	43	766	0.526	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	30717	29.903	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	30717	76.763	ug/l	# 12
95) Naphthalene	13.780	128	203	1.984	ug/l	# 69

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

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Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

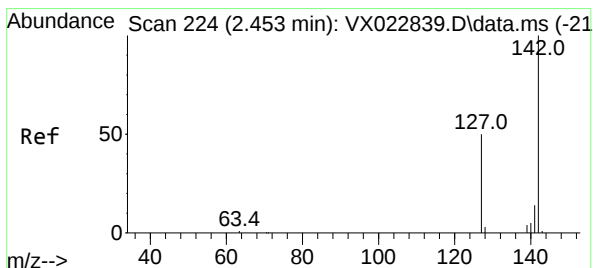
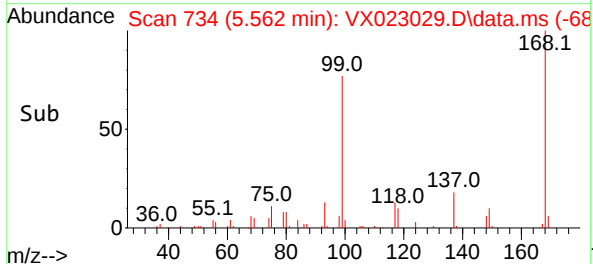
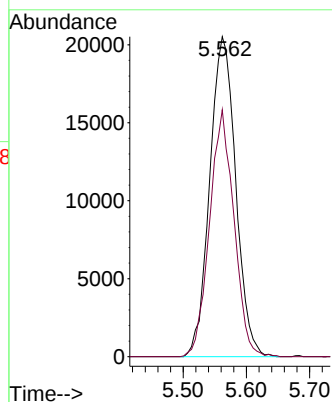
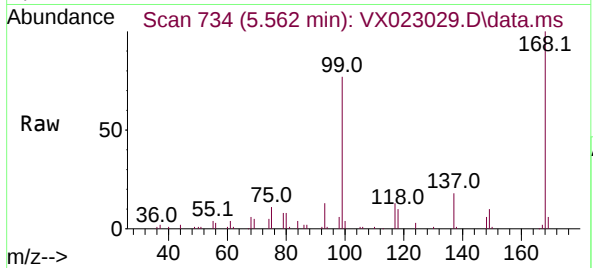




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

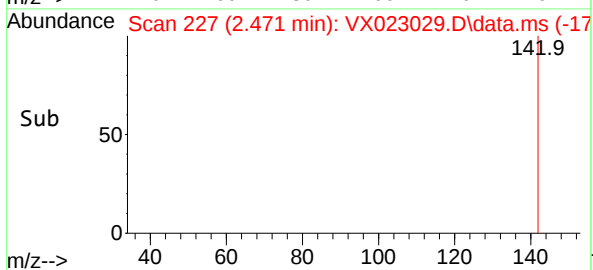
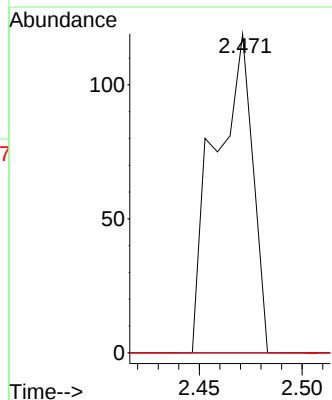
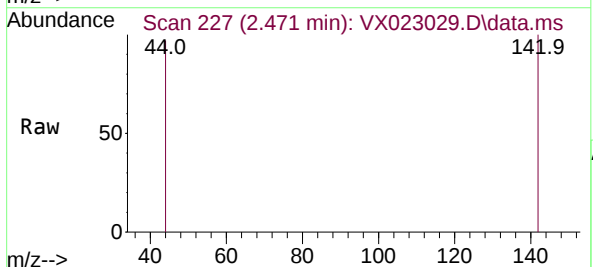
Instrument :
MSVOA_X
ClientSampled :

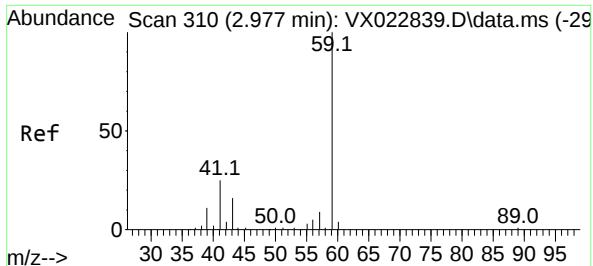
Tgt Ion:168 Resp: 58501
Ion Ratio Lower Upper
168 100
99 77.1 45.8 68.6#



#10
Methyl Iodide
Concen: 4.032 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

Tgt Ion:142 Resp: 152
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



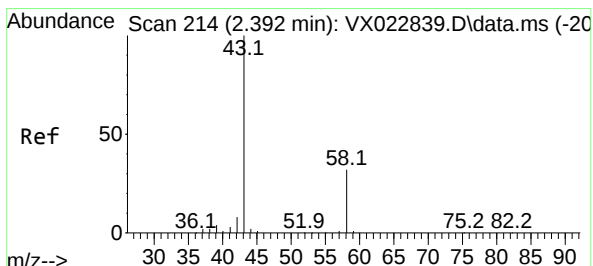
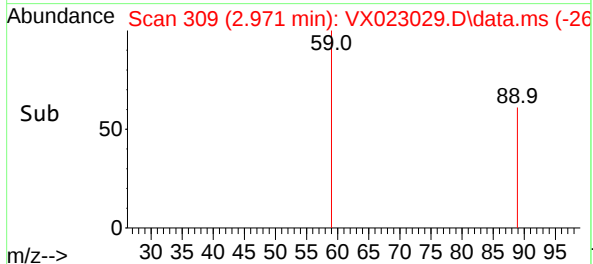
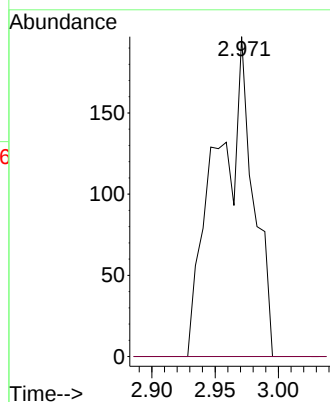
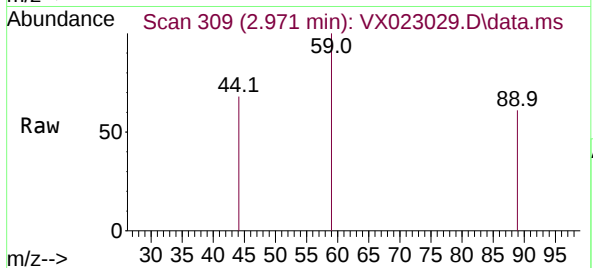


#11

Tert butyl alcohol
Concen: 1.790 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

Instrument :
MSVOA_X
ClientSampled :

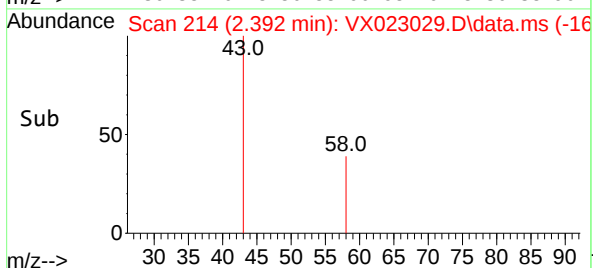
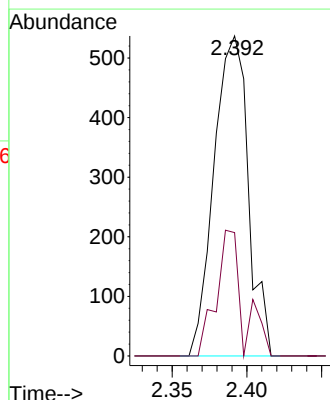
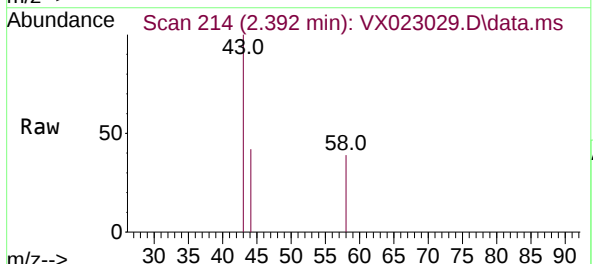
Tgt Ion: 59 Resp: 396
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

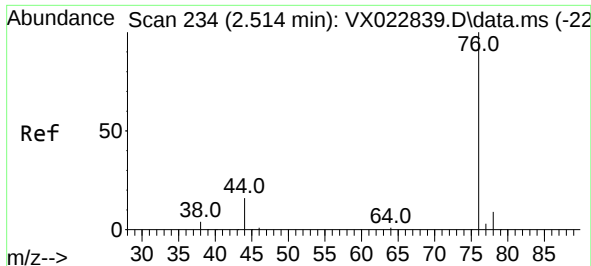


#16

Acetone
Concen: 1.819 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

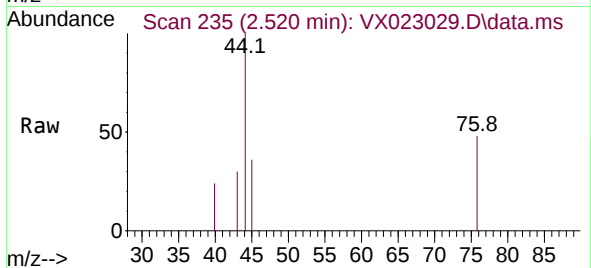
Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
58 38.5 27.8 41.8



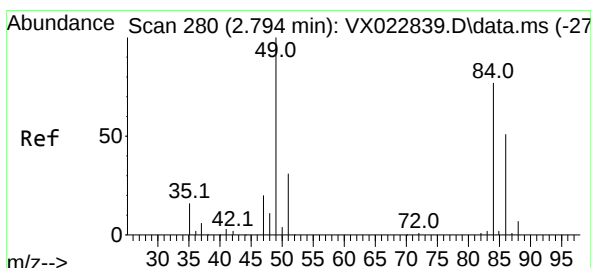
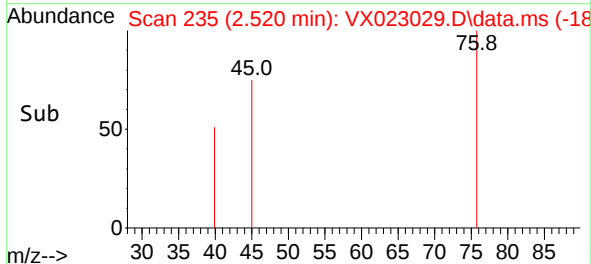
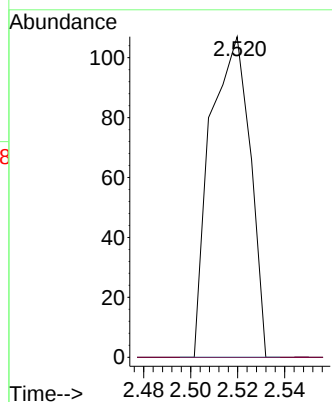


#17
Carbon Disulfide
Concen: 3.572 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

Instrument :
MSVOA_X
ClientSampled :

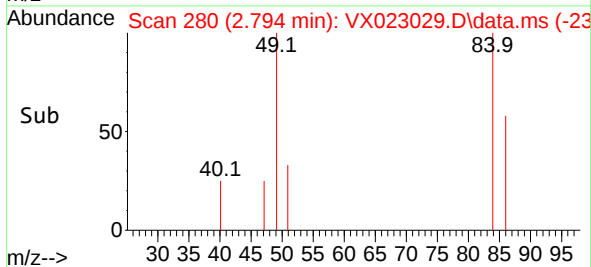
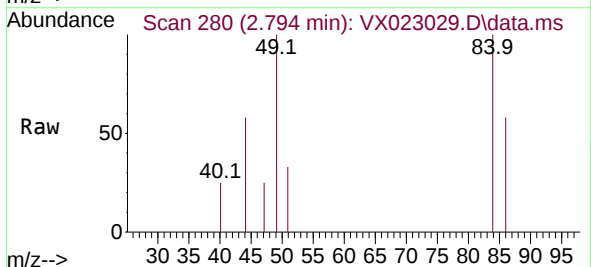
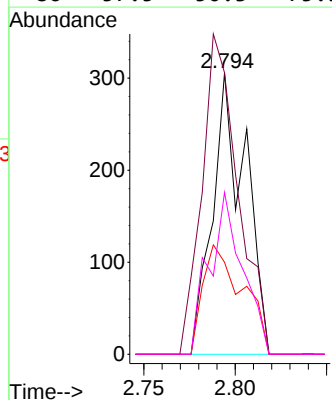


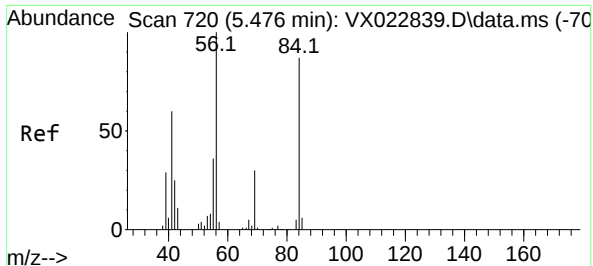
Tgt Ion: 76 Resp: 126
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.780 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

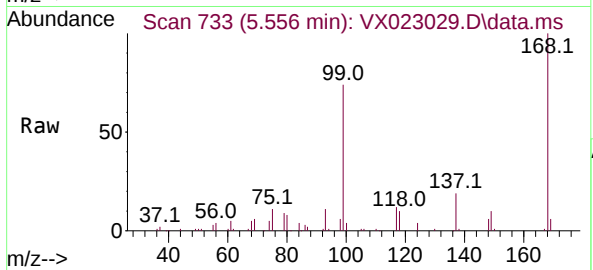
Tgt Ion: 84 Resp: 383
Ion Ratio Lower Upper
84 100
49 100.0 88.6 132.8
51 32.7 27.0 40.6
86 57.5 50.3 75.5



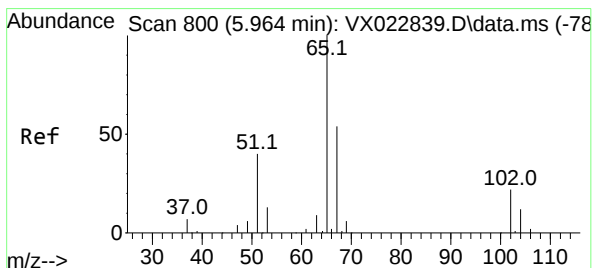
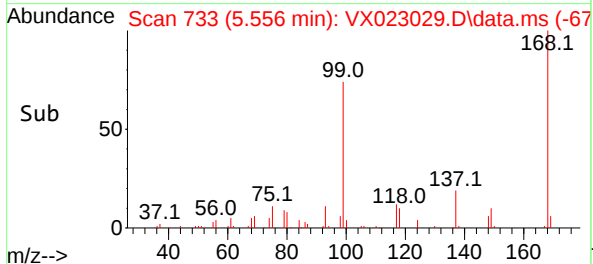
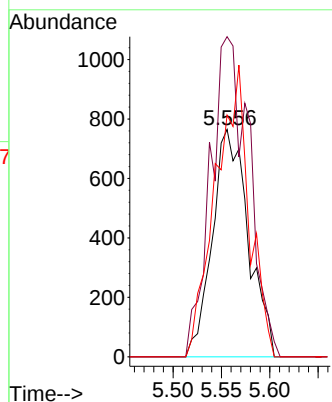


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

Instrument :
MSVOA_X
ClientSampleId :

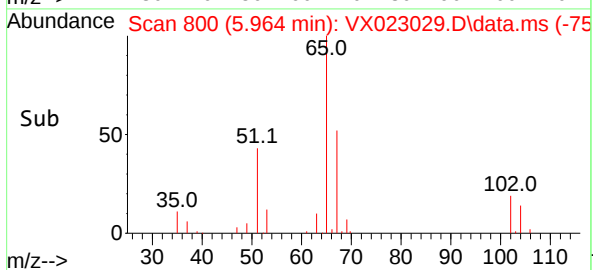
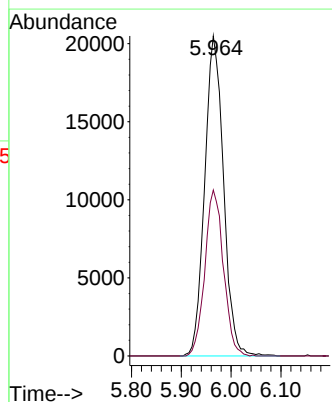
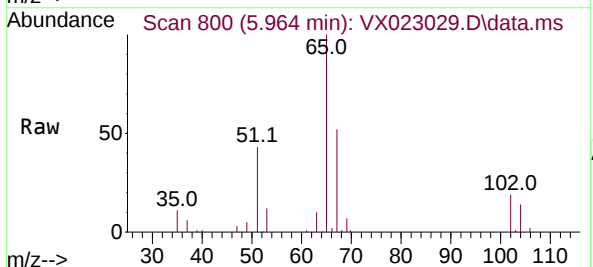


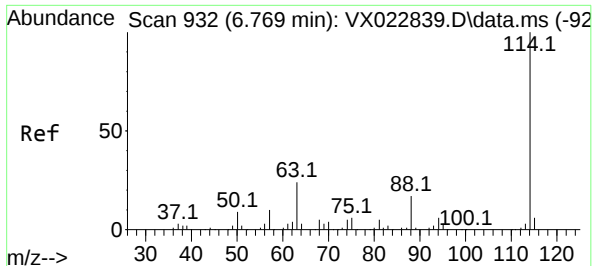
Tgt Ion: 56 Resp: 1977
Ion Ratio Lower Upper
56 100
69 140.8 25.3 37.9#
84 114.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.676 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

Tgt Ion: 65 Resp: 53801
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

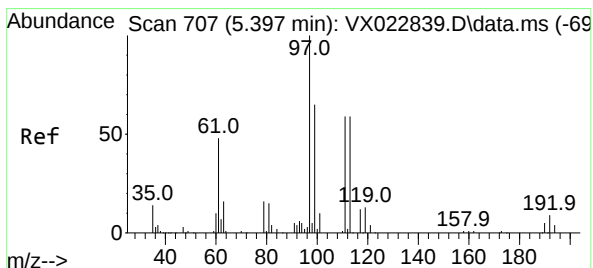
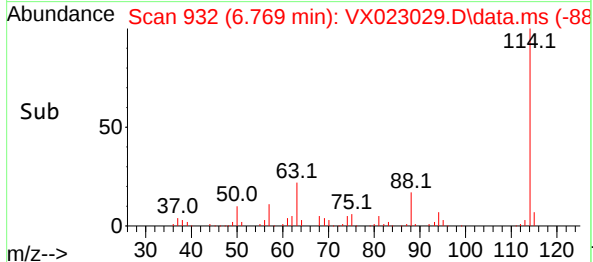
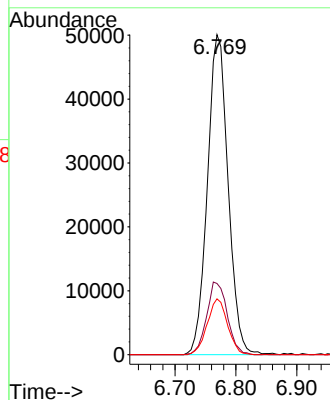
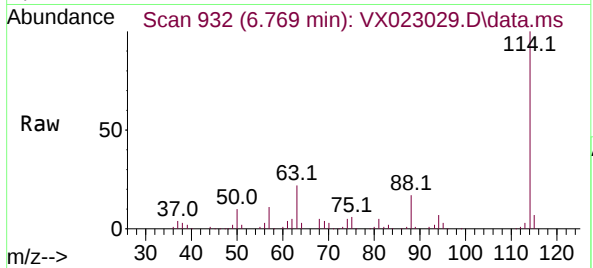




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

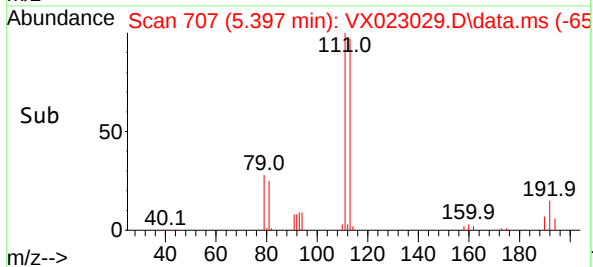
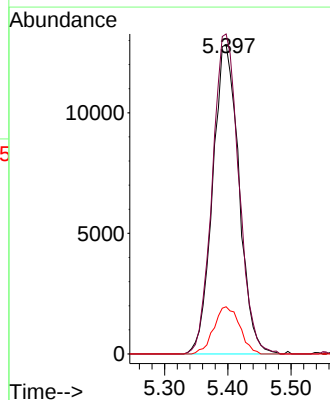
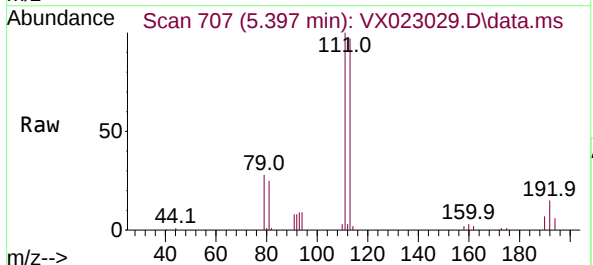
Instrument :
MSVOA_X
ClientSampled :

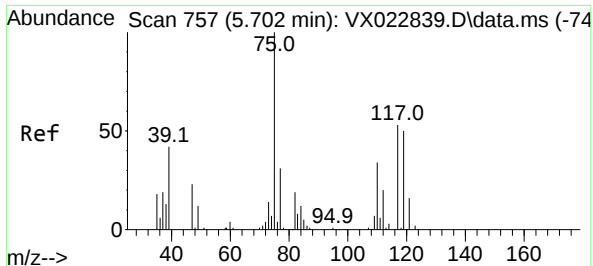
Tgt Ion:114 Resp: 118177
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 17.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.242 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

Tgt Ion:113 Resp: 36954
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 15.1 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.864 ug/l

RT: 5.562 min Scan# 734

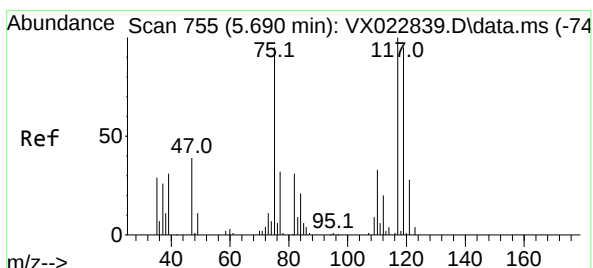
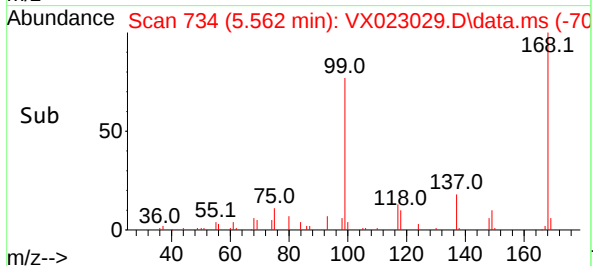
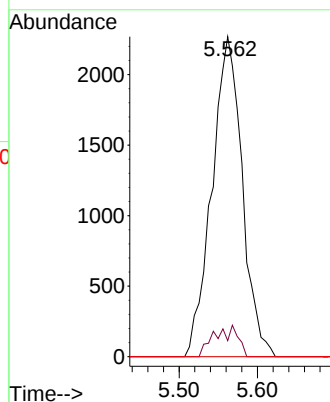
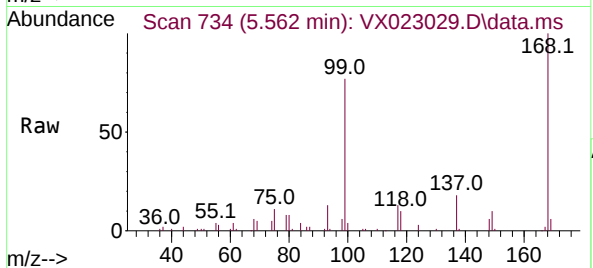
Delta R.T. -0.140 min

Lab File: VX023029.D

Acq: 30 Jun 2021 13:22

Tgt Ion: 75	Resp: 6105
Ion Ratio	Lower Upper
75	100
110	4.8 18.1 54.4#
77	0.0 25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.769 ug/l

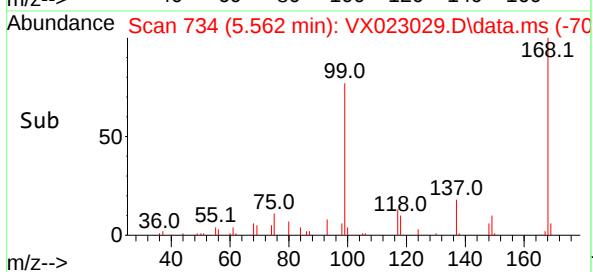
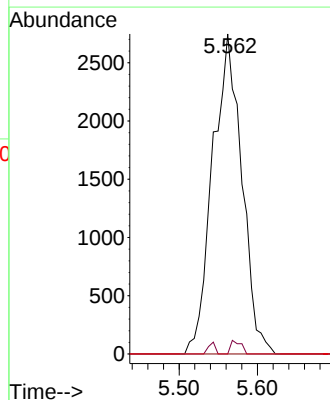
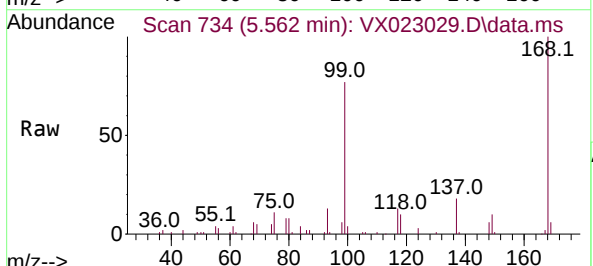
RT: 5.562 min Scan# 734

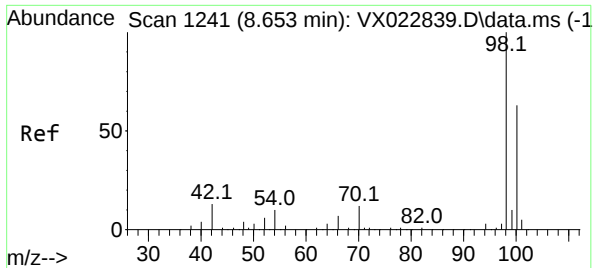
Delta R.T. -0.128 min

Lab File: VX023029.D

Acq: 30 Jun 2021 13:22

Tgt Ion: 117	Resp: 7126
Ion Ratio	Lower Upper
117	100
119	0.0 76.2 114.2#
121	0.0 24.8 37.2#

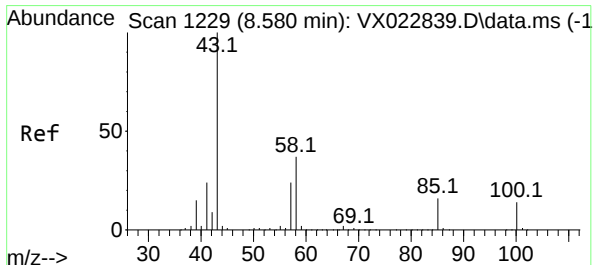
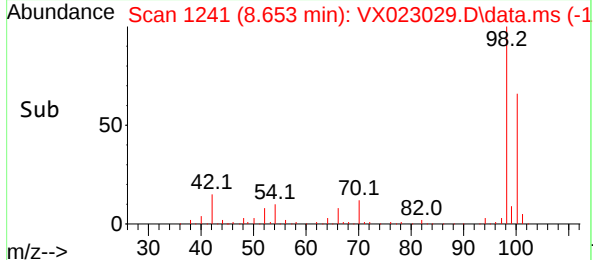
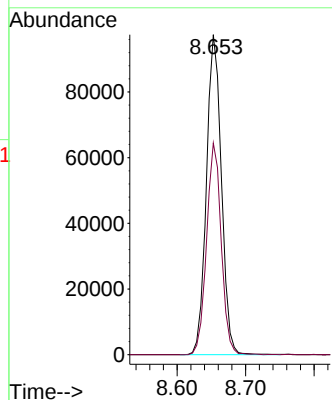
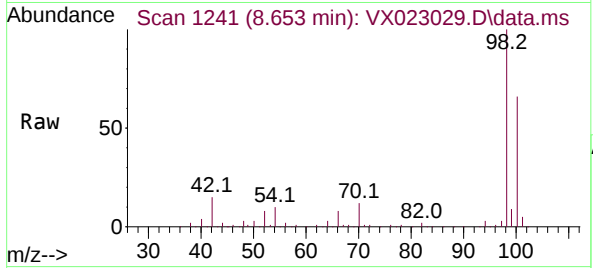




#50
Toluene-d8
Concen: 50.373 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

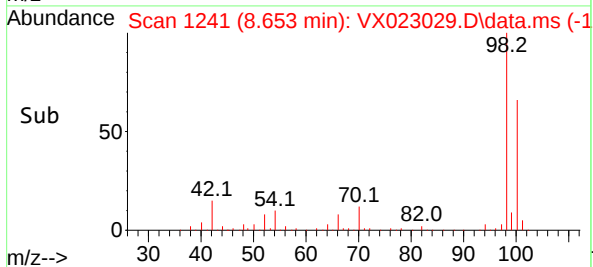
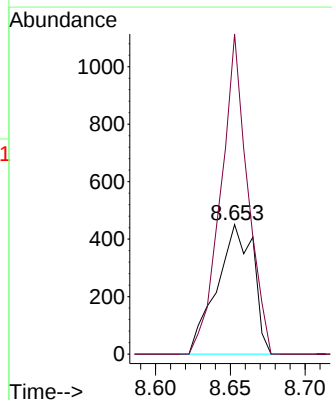
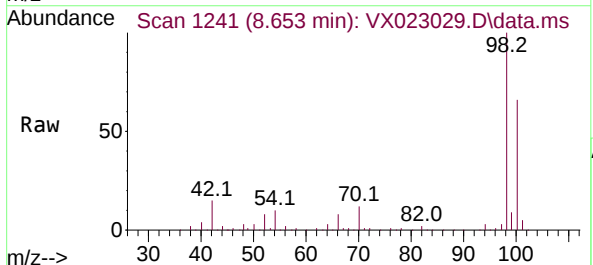
Instrument :
MSVOA_X
ClientSampled :

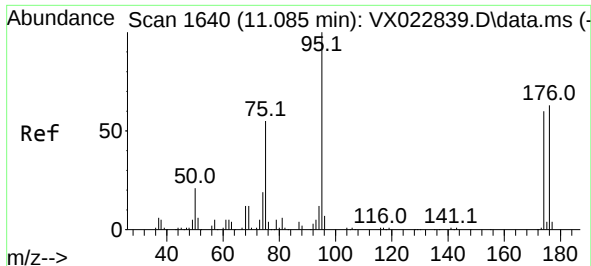
Tgt Ion: 98 Resp: 148156
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 181.7 35.4 53.0#

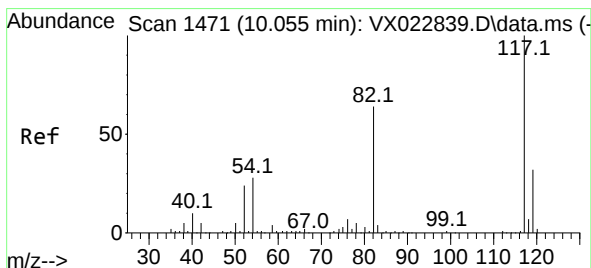
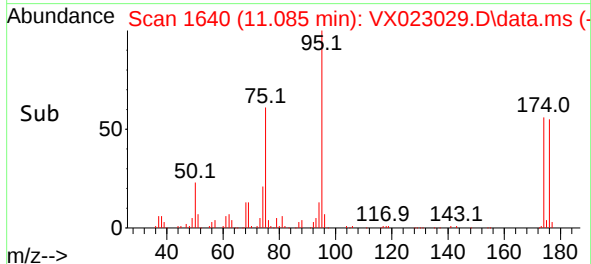
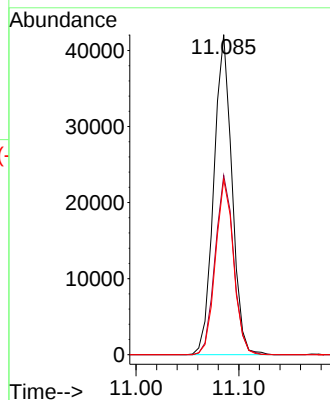
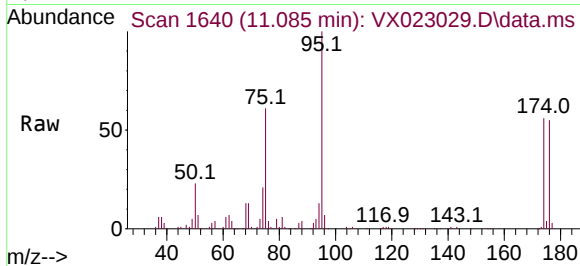




#62
4-Bromofluorobenzene
Concen: 46.816 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

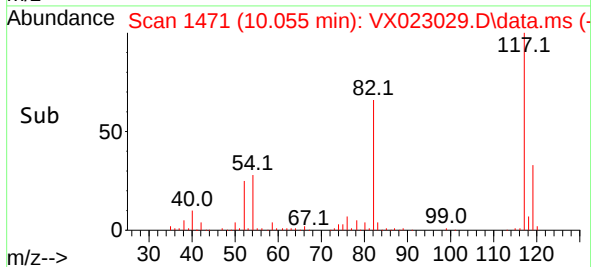
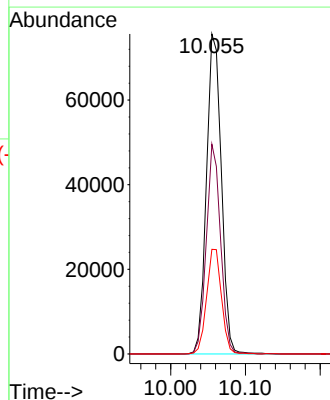
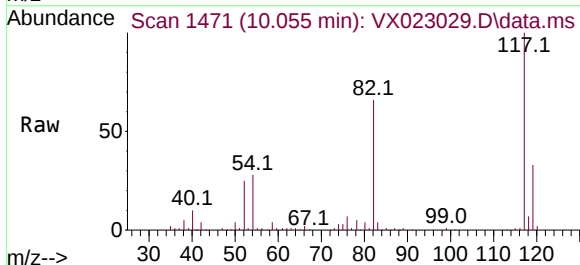
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MSVOA_X
ClientSampleId :

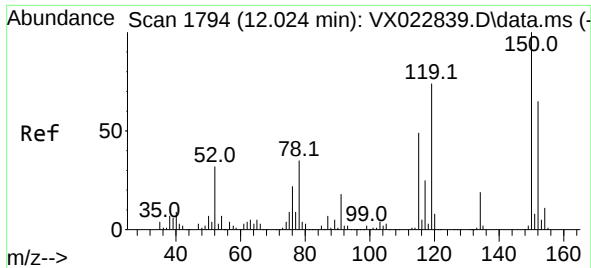
Tgt Ion: 95 Resp: 51389
Ion Ratio Lower Upper
95 100
174 56.9 0.0 154.6
176 54.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

Tgt Ion: 117 Resp: 104481
Ion Ratio Lower Upper
117 100
82 65.5 47.4 71.2
119 32.7 26.6 39.8

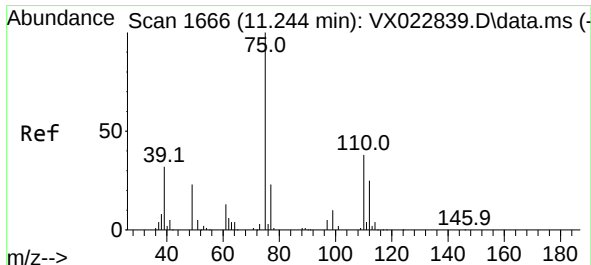
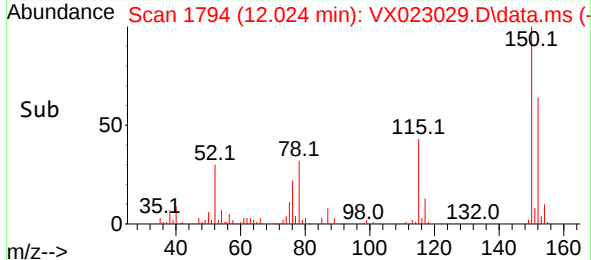
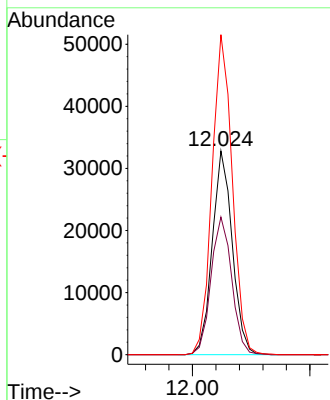
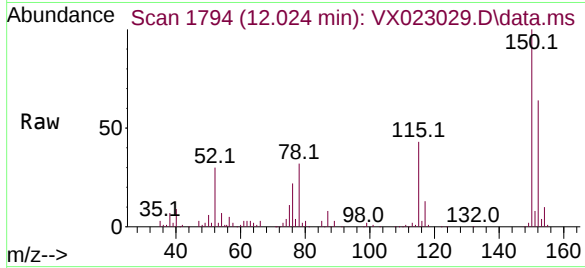




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023029.D
 Acq: 30 Jun 2021 13:22

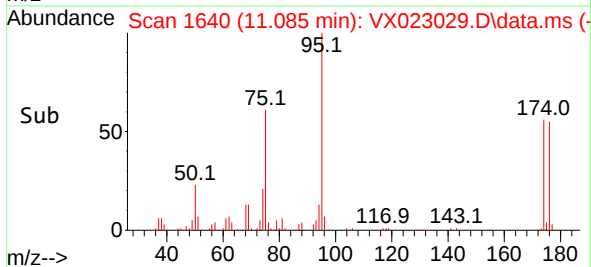
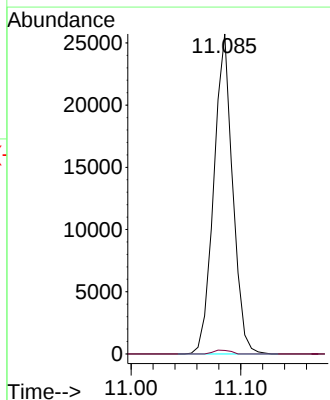
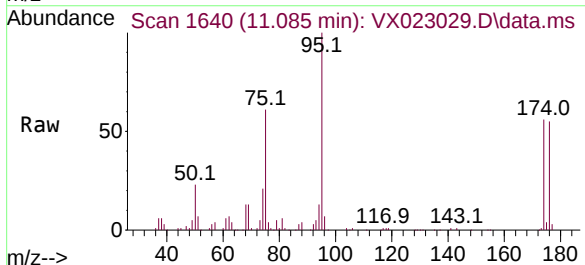
Instrument :
 MSVOA_X
 ClientSampled :

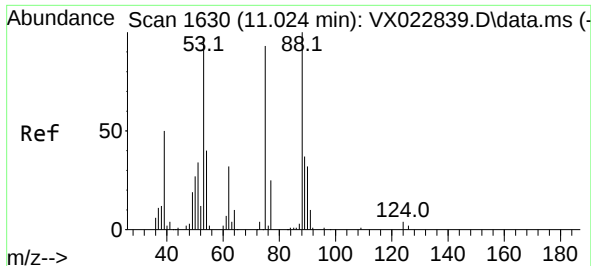
Tgt Ion:152 Resp: 38889
 Ion Ratio Lower Upper
 152 100
 115 69.7 41.1 123.3
 150 159.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 29.903 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023029.D
 Acq: 30 Jun 2021 13:22

Tgt Ion: 75 Resp: 30717
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

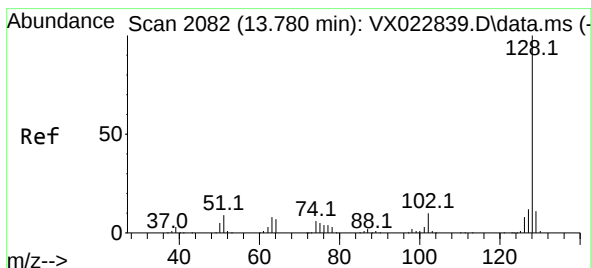
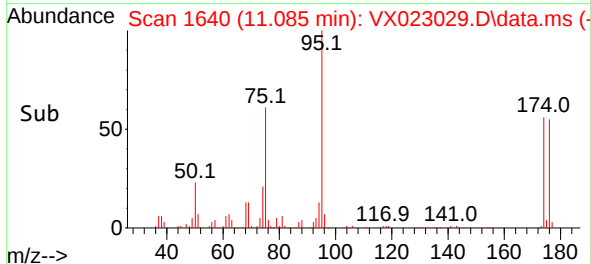
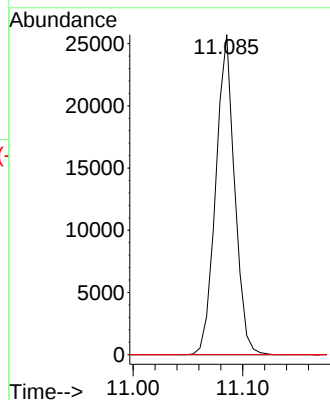
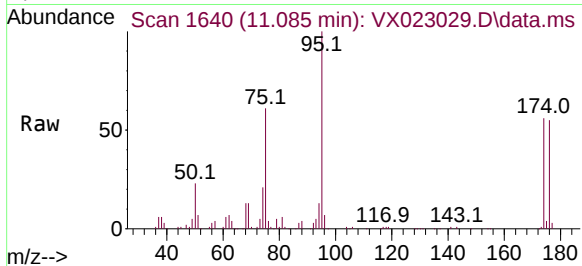




#81
trans-1,4-Dichloro-2-butene
Concen: 76.763 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 30717
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.984 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023029.D
Acq: 30 Jun 2021 13:22

Tgt Ion:128 Resp: 203
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

