

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071621\
 Data File : VX023327.D
 Acq On : 16 Jul 2021 15:08
 Operator : JC/MD
 Sample : M3087-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 17 02:10:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

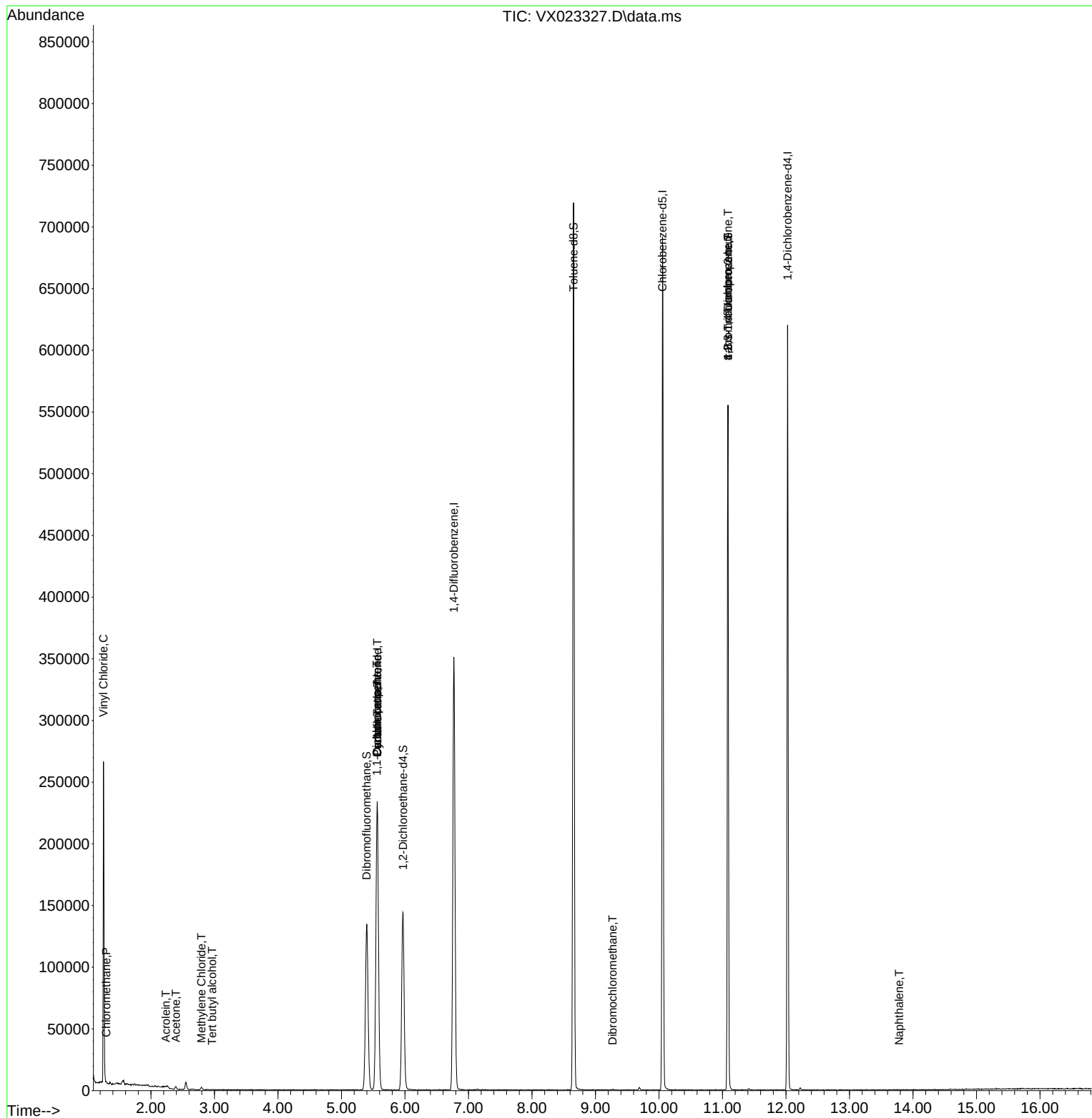
Internal Standards						
1) Pentafluorobenzene	5.562	168	215067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	351914	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	150510	52.071	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.140%	
35) Dibromofluoromethane	5.397	113	114513	50.390	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.780%	
50) Toluene-d8	8.653	98	414876	48.941	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.880%	
62) 4-Bromofluorobenzene	11.085	95	145631	44.500	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	593	0.308	ug/l #	84
4) Vinyl Chloride	1.252	62	1857	0.909	ug/l #	43
5) Bromomethane	1.618	94	629	Below Cal	#	62
11) Tert butyl alcohol	2.965	59	210	0.345	ug/l #	73
13) Acrolein	2.233	56	87	0.215	ug/l #	1
16) Acetone	2.392	43	2555	2.234	ug/l	92
20) Methylene Chloride	2.794	84	929	0.377	ug/l #	96
31) Cyclohexane	5.562	56	4634	1.339	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	17535	5.589	ug/l #	41
38) Carbon Tetrachloride	5.562	117	22888	6.989	ug/l #	16
60) Dibromochloromethane	9.269	129	19	3.119	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	76812	31.424	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	76812	84.148	ug/l #	12
95) Naphthalene	13.780	128	80	1.284	ug/l #	69

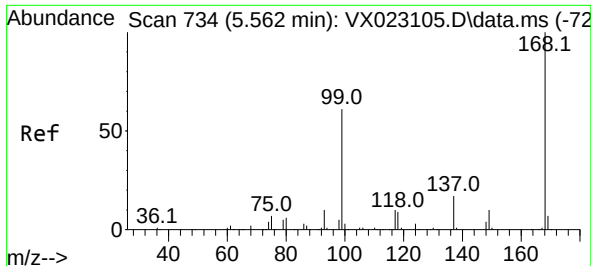
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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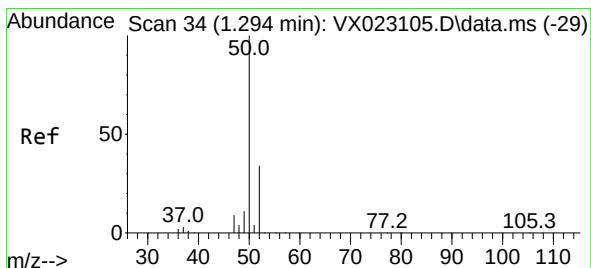
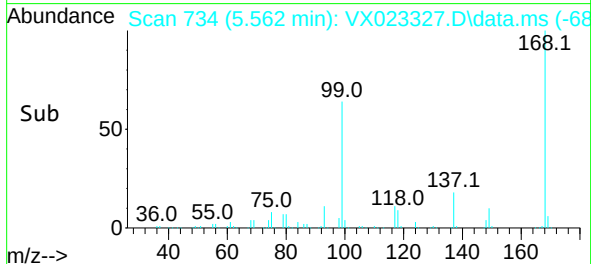
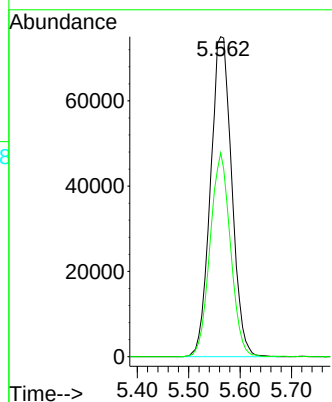
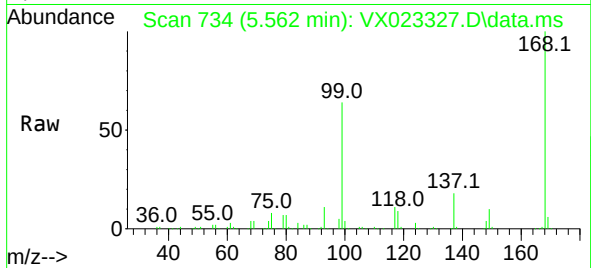




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

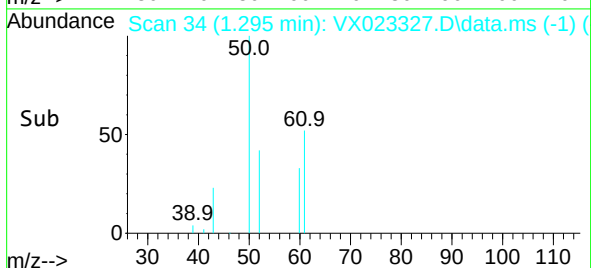
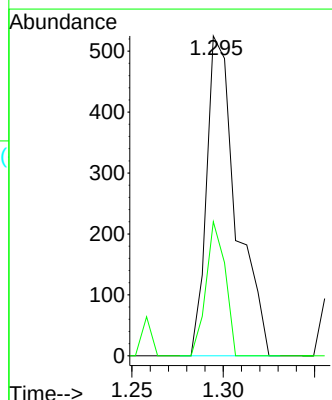
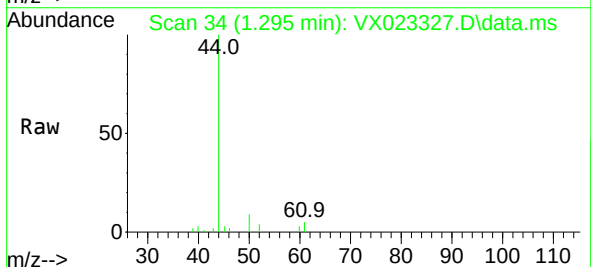
Instrument :
MSVOA_X
ClientSampled :

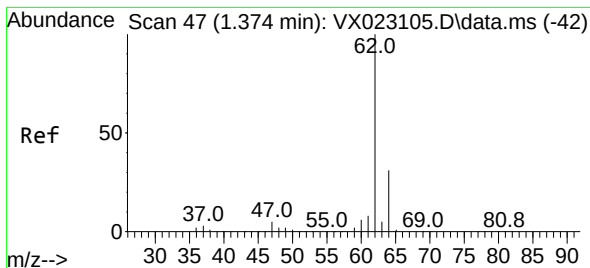
Tgt Ion:168 Resp: 215067
Ion Ratio Lower Upper
168 100
99 63.7 45.8 68.6



#3
Chloromethane
Concen: 0.308 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

Tgt Ion: 50 Resp: 593
Ion Ratio Lower Upper
50 100
52 41.9 26.4 39.6#

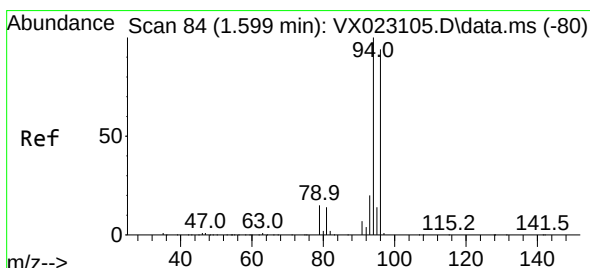
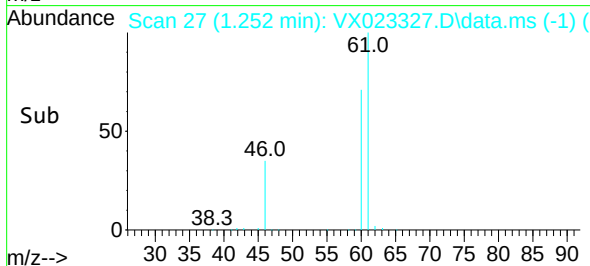
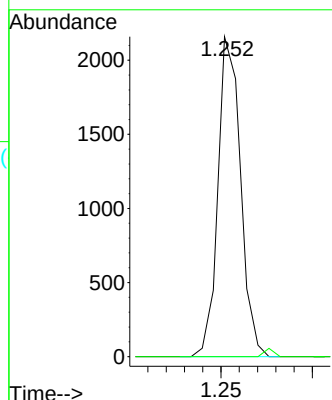
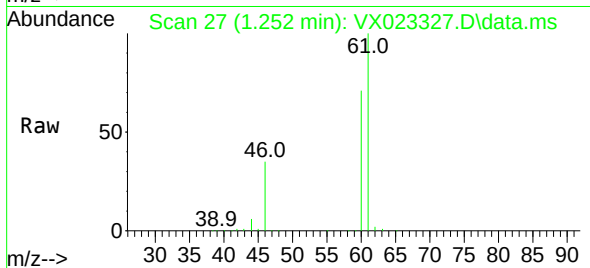




#4
 Vinyl Chloride
 Concen: 0.909 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023327.D
 Acq: 16 Jul 2021 15:08

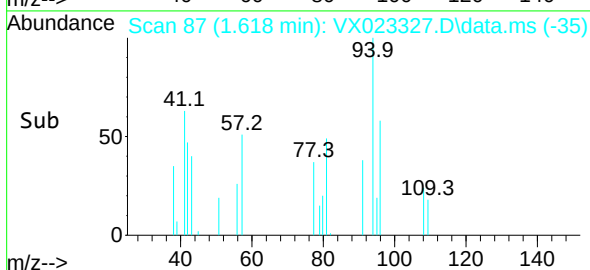
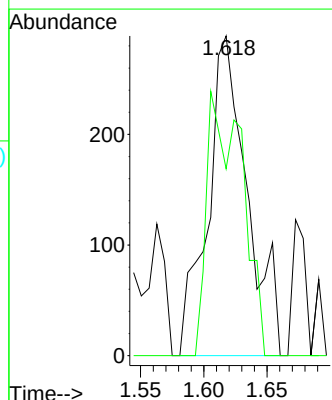
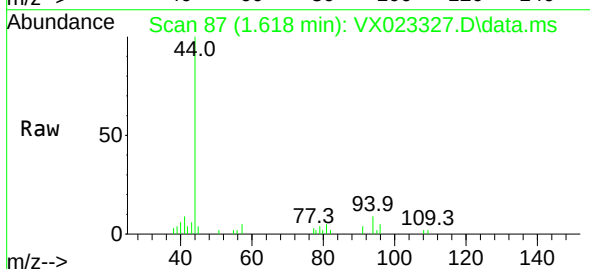
Instrument :
 MSVOA_X
 ClientSampled :

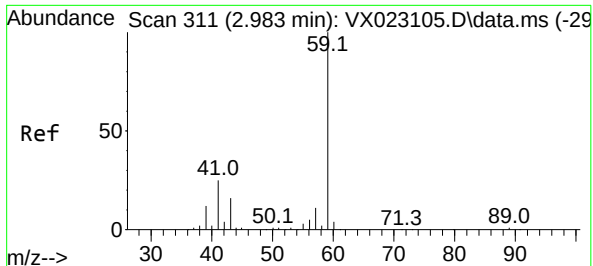
Tgt Ion: 62 Resp: 1857
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.7 38.5#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX023327.D
 Acq: 16 Jul 2021 15:08

Tgt Ion: 94 Resp: 629
 Ion Ratio Lower Upper
 94 100
 96 58.5 76.4 114.6#

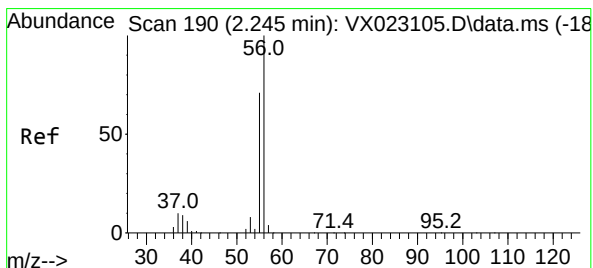
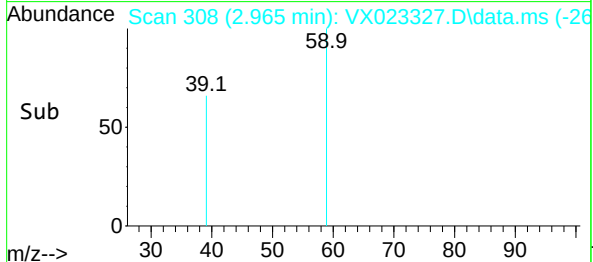
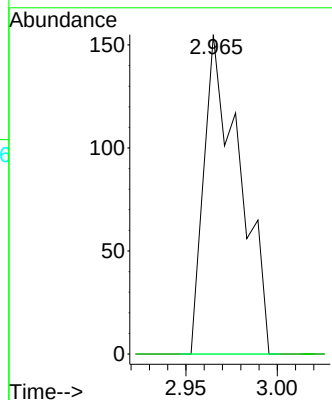
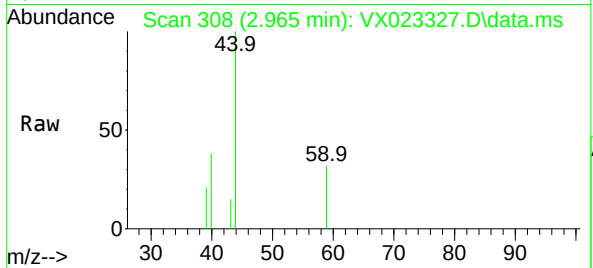




#11
Tert butyl alcohol
Concen: 0.345 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

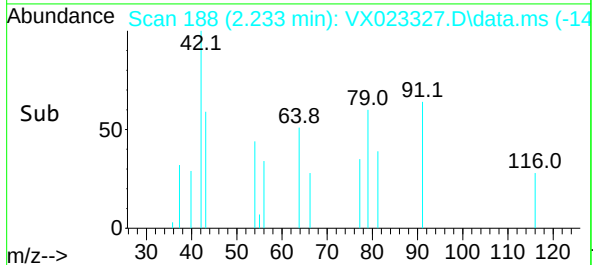
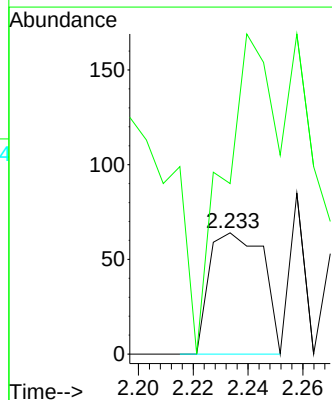
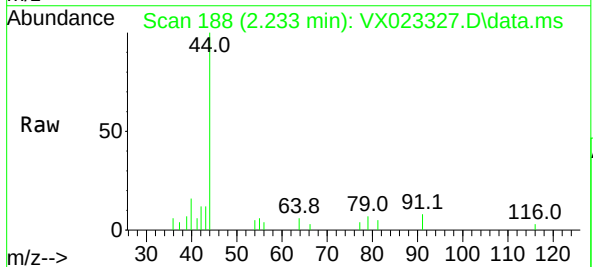
Instrument :
MSVOA_X
ClientSampled :

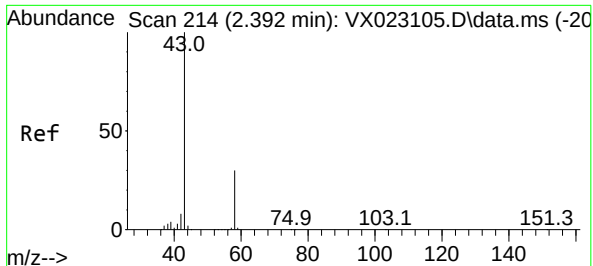
Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.215 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

Tgt Ion: 56 Resp: 87
Ion Ratio Lower Upper
56 100
55 400.0 56.4 84.6#

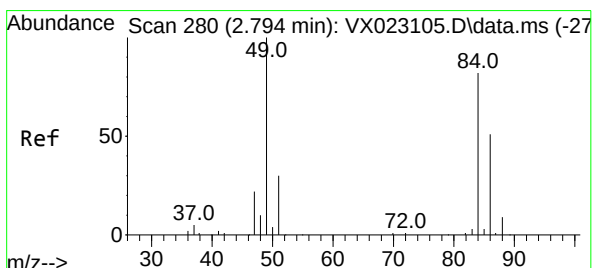
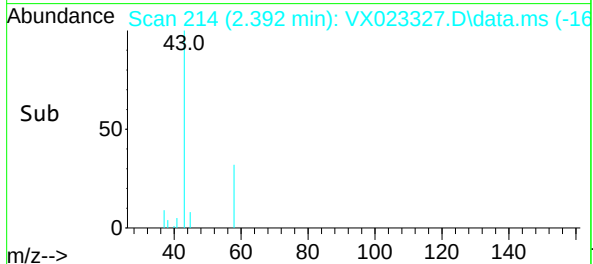
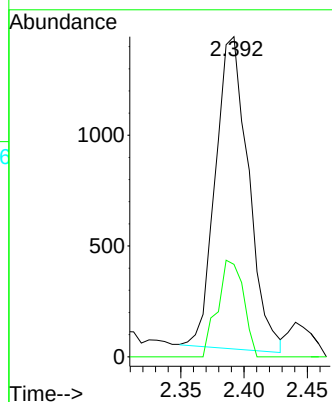
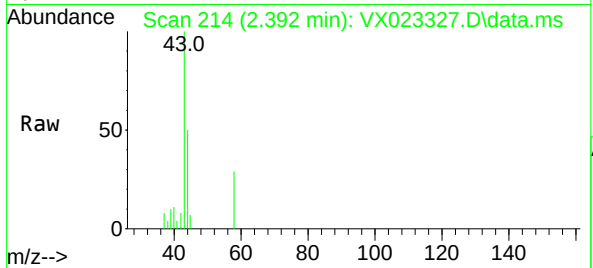




#16
Acetone
Concen: 2.234 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

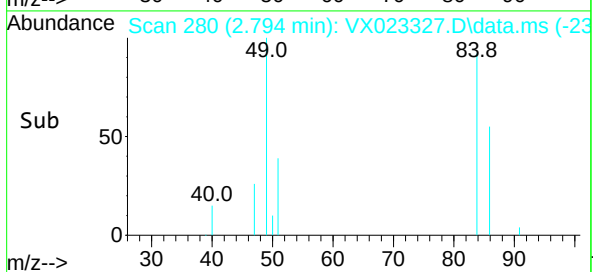
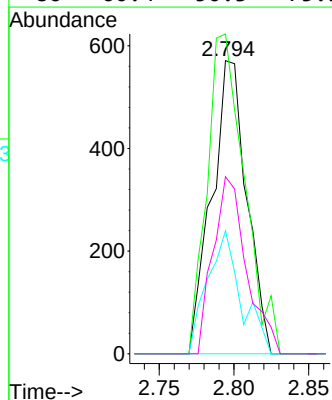
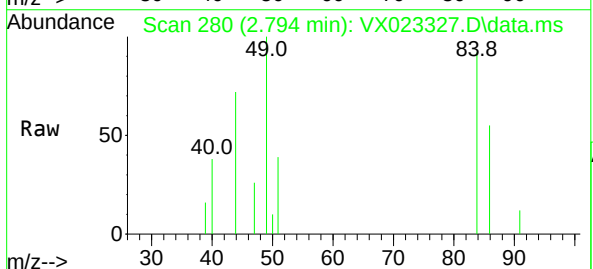
Instrument :
MSVOA_X
ClientSampled :

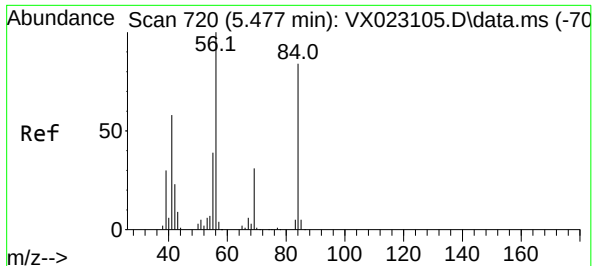
Tgt Ion: 43 Resp: 2555
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8



#20
Methylene Chloride
Concen: 0.377 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

Tgt Ion: 84 Resp: 929
Ion Ratio Lower Upper
84 100
49 109.1 88.6 132.8
51 42.0 27.0 40.6#
86 60.4 50.3 75.5

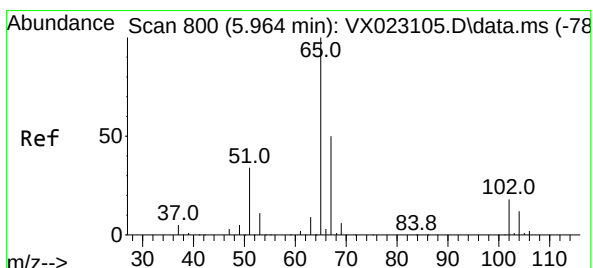
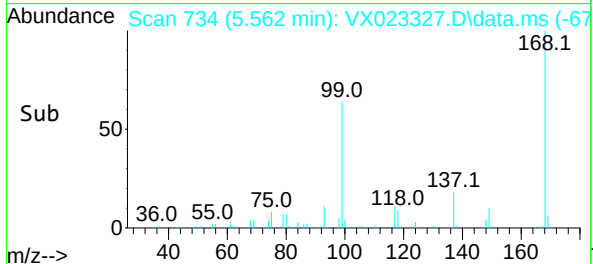
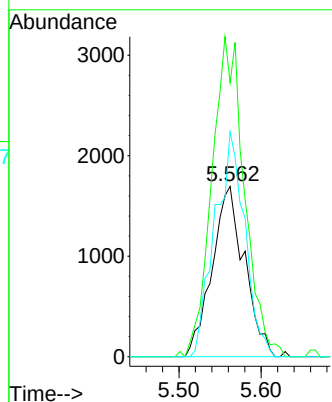
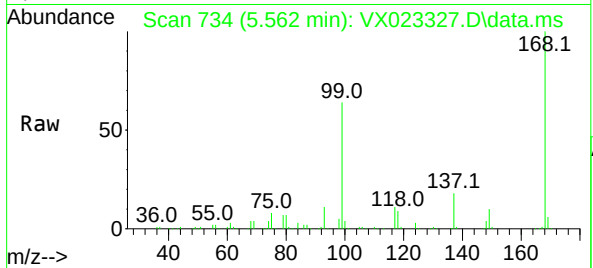




#31
Cyclohexane
Concen: 1.339 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

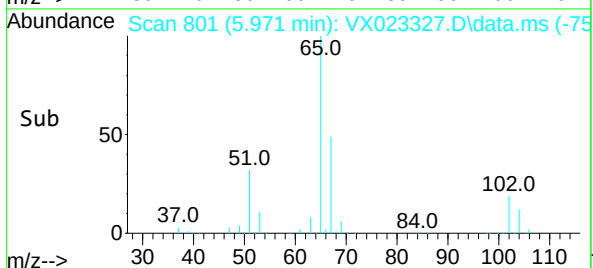
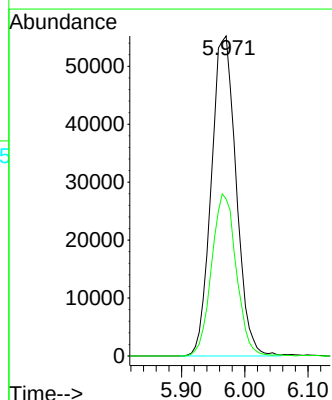
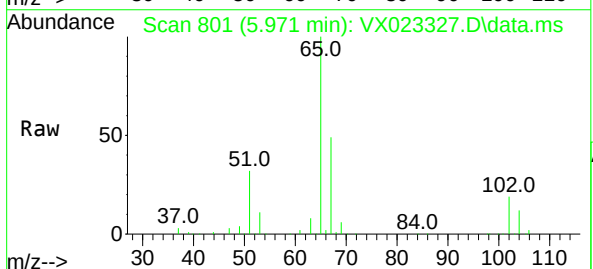
Instrument :
MSVOA_X
ClientSampled :

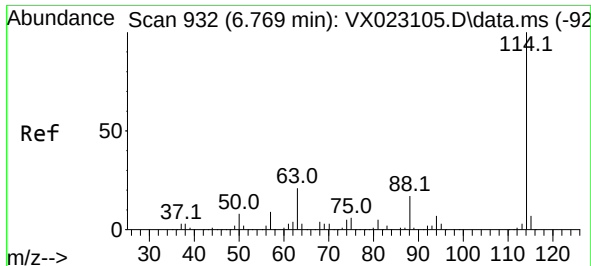
Tgt Ion: 56 Resp: 4634
Ion Ratio Lower Upper
56 100
69 157.9 25.3 37.9#
84 132.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.071 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

Tgt Ion: 65 Resp: 150510
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

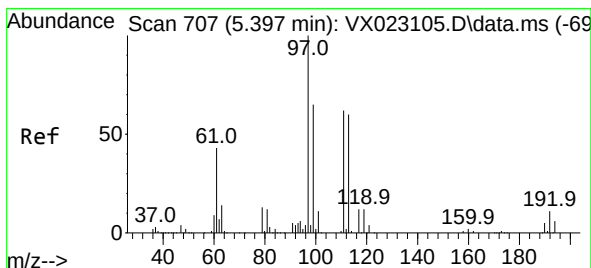
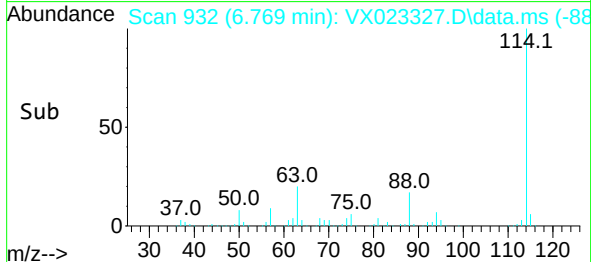
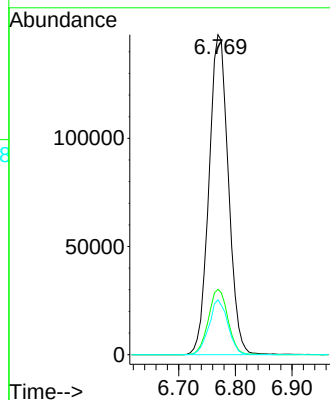
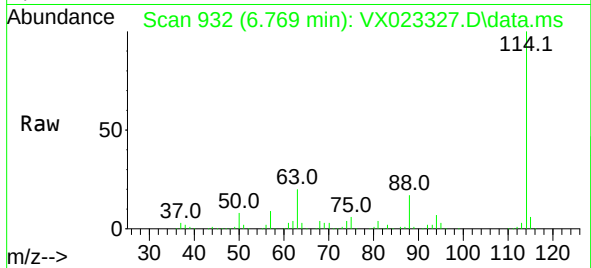




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

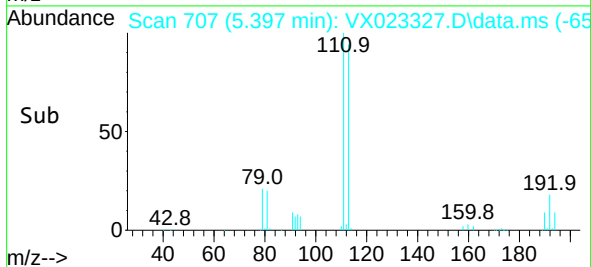
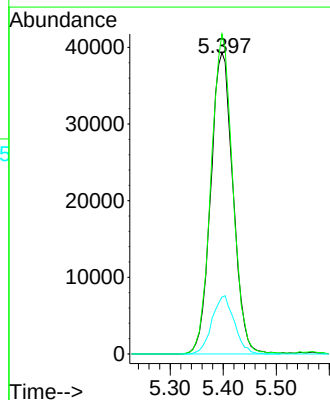
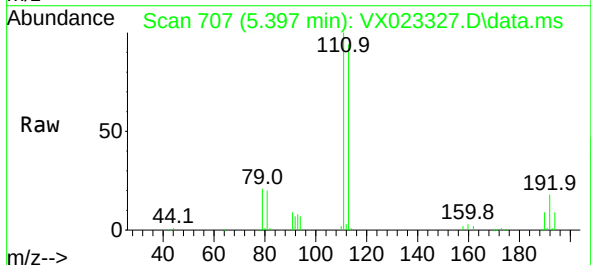
Instrument :
MSVOA_X
ClientSampled :

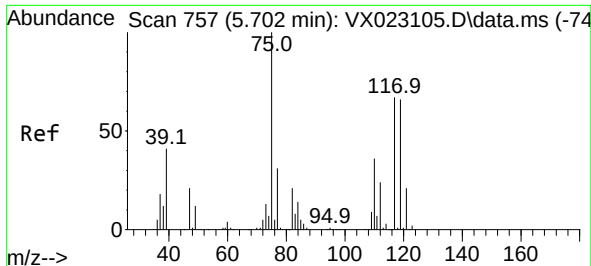
Tgt Ion:114 Resp: 351914
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.390 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

Tgt Ion:113 Resp: 114513
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 19.3 16.7 25.1

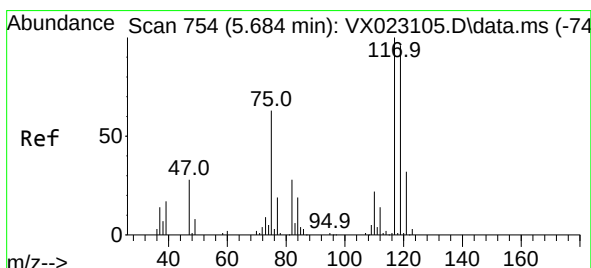
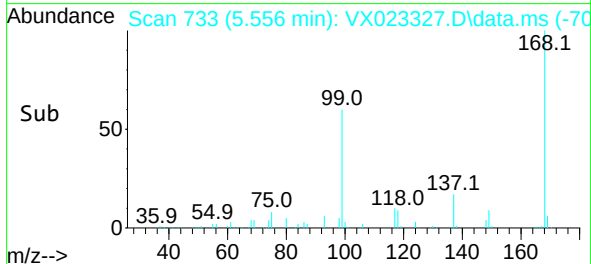
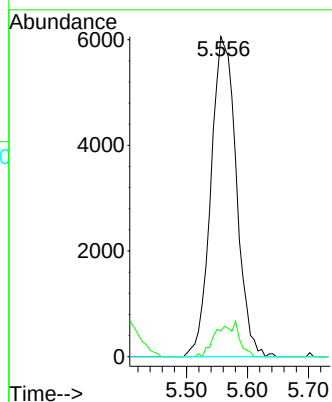
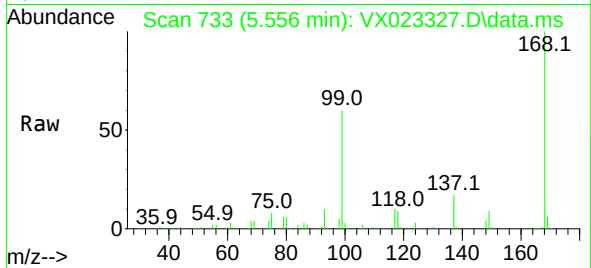




#36
1,1-Dichloropropene
Concen: 5.589 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

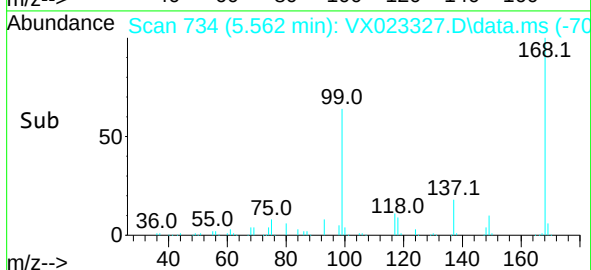
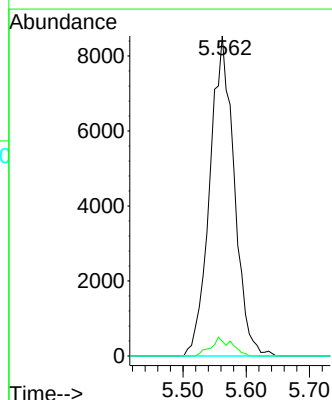
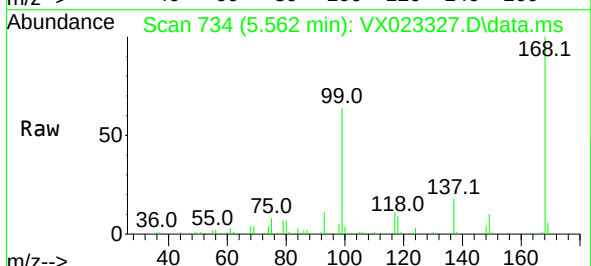
Instrument :
MSVOA_X
ClientSampled :

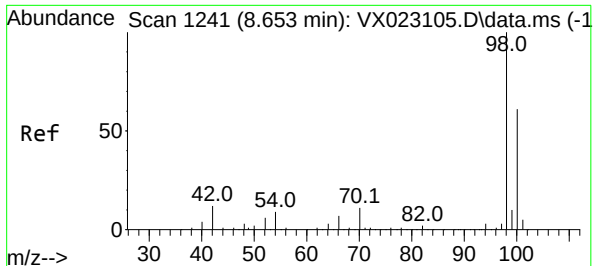
Tgt Ion: 75 Resp: 17535
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.989 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

Tgt Ion: 117 Resp: 22888
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

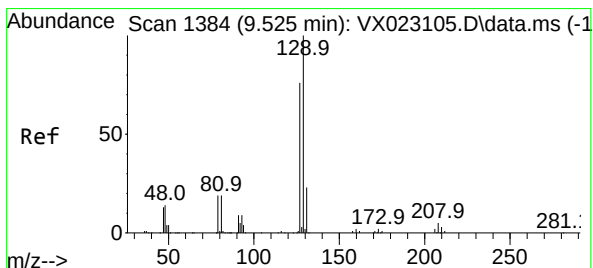
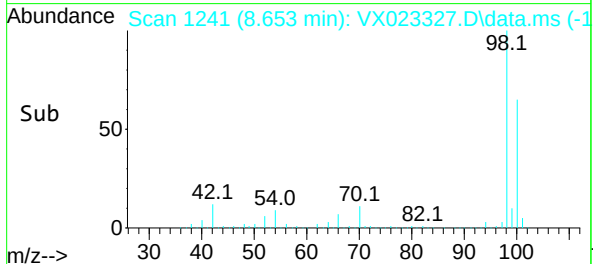
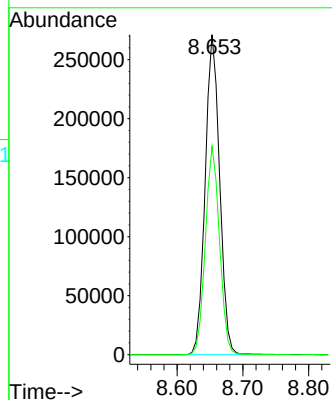
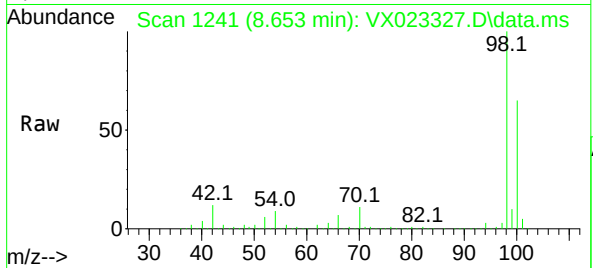




#50
Toluene-d8
Concen: 48.941 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

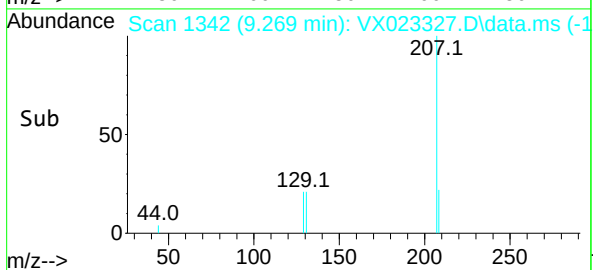
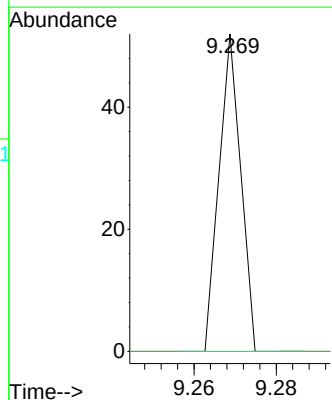
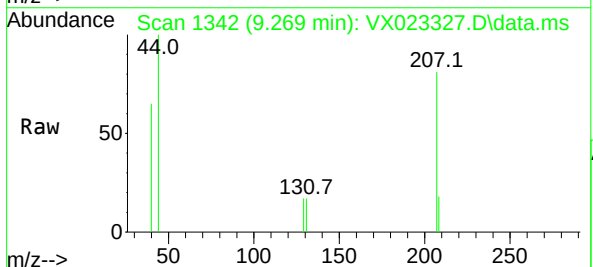
Instrument :
MSVOA_X
ClientSampled :

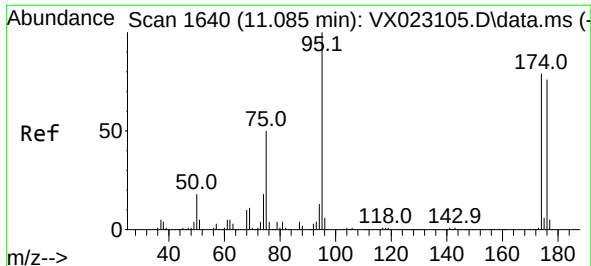
Tgt Ion: 98 Resp: 414876
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#60
Dibromochloromethane
Concen: 3.119 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

Tgt Ion: 129 Resp: 19
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

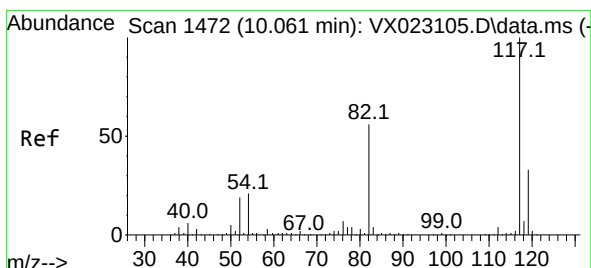
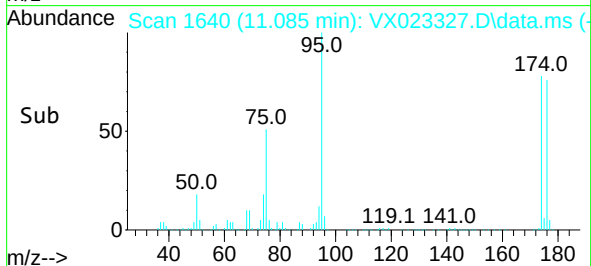
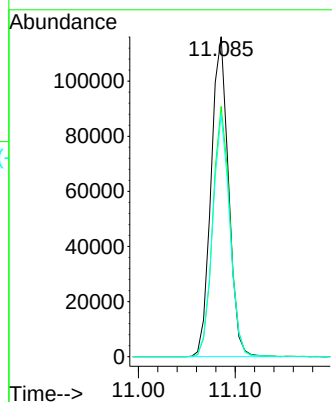
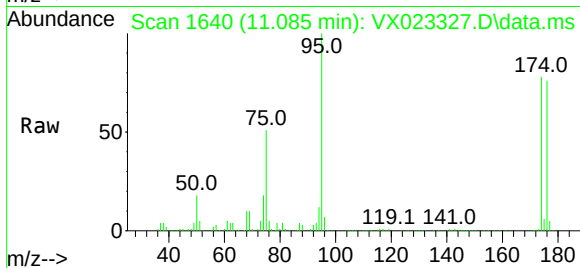




#62
4-Bromofluorobenzene
Concen: 44.500 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

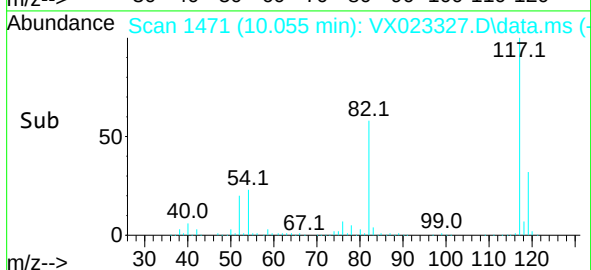
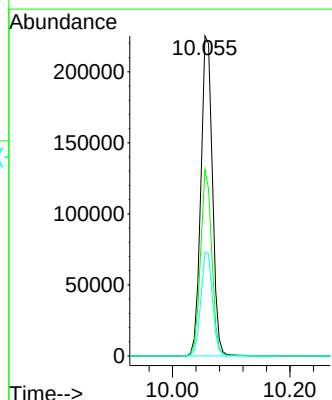
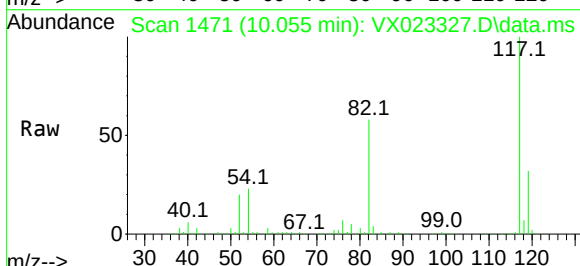
Instrument :
MSVOA_X
ClientSampled :

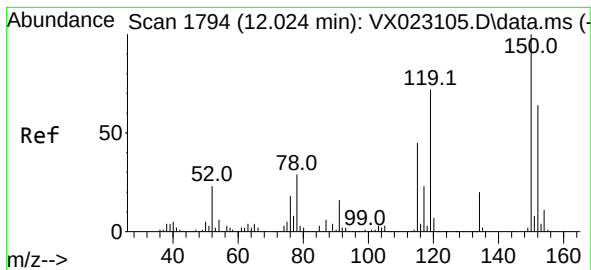
Tgt Ion: 95 Resp: 145631
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 74.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

Tgt Ion: 117 Resp: 308217
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 32.5 26.6 39.8

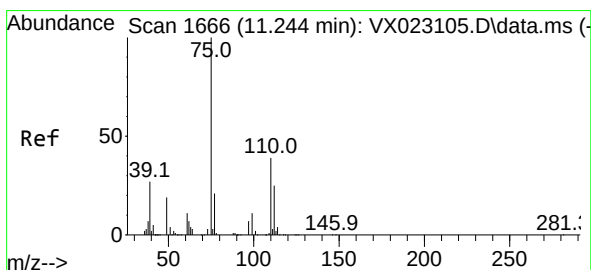
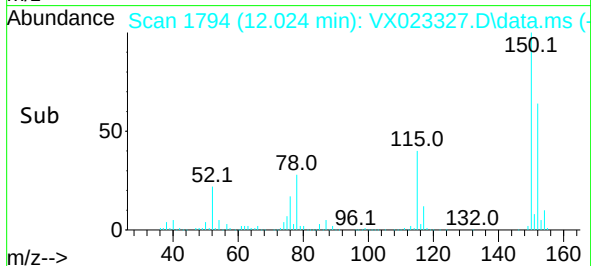
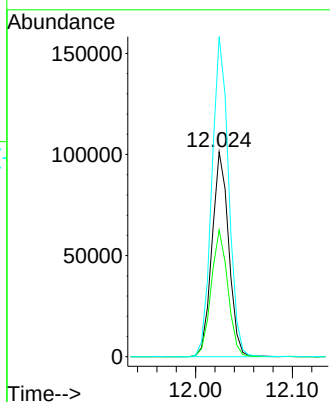
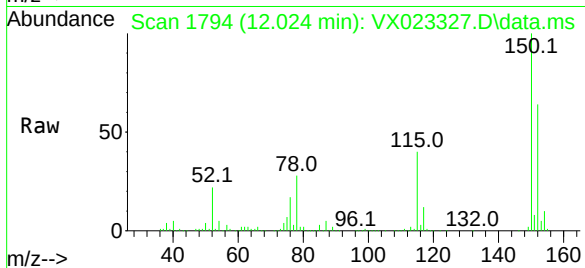




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023327.D
 Acq: 16 Jul 2021 15:08

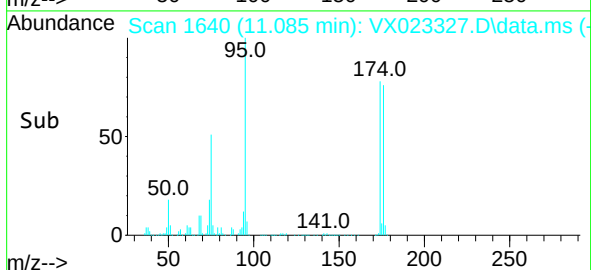
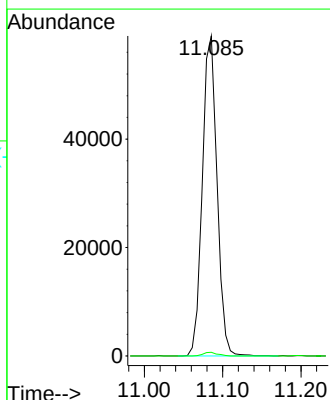
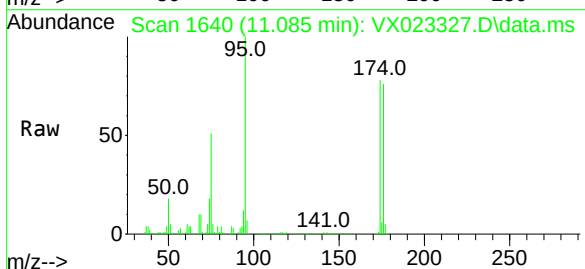
Instrument :
 MSVOA_X
 ClientSampled :

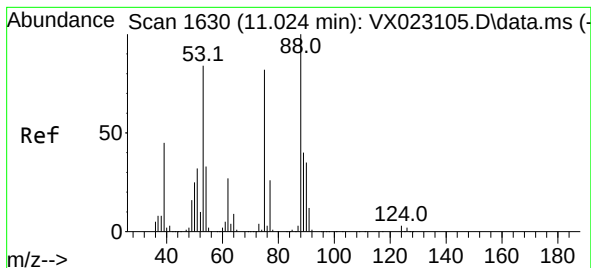
Tgt Ion:152 Resp: 121468
 Ion Ratio Lower Upper
 152 100
 115 61.7 41.1 123.3
 150 156.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 31.424 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023327.D
 Acq: 16 Jul 2021 15:08

Tgt Ion: 75 Resp: 76812
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

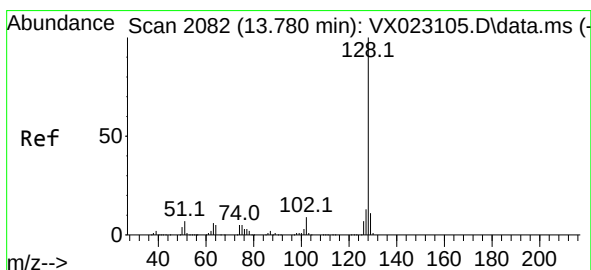
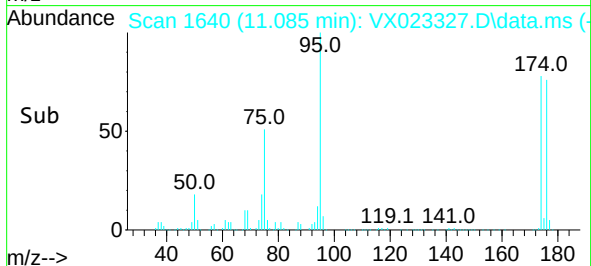
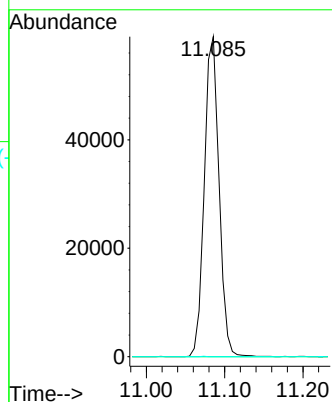
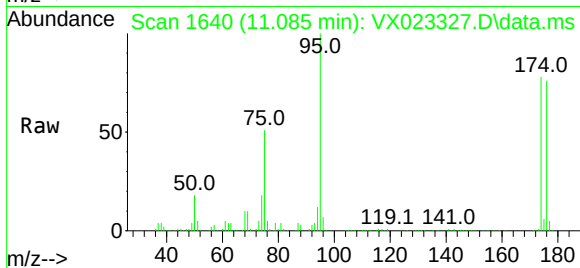




#81
trans-1,4-Dichloro-2-butene
Concen: 84.148 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 76812
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.284 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023327.D
Acq: 16 Jul 2021 15:08

Tgt Ion:128 Resp: 80
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

