

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023166.D
 Acq On : 07 Jul 2021 12:43
 Operator : JC/MD
 Sample : M2939-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 08 03:18:00 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)

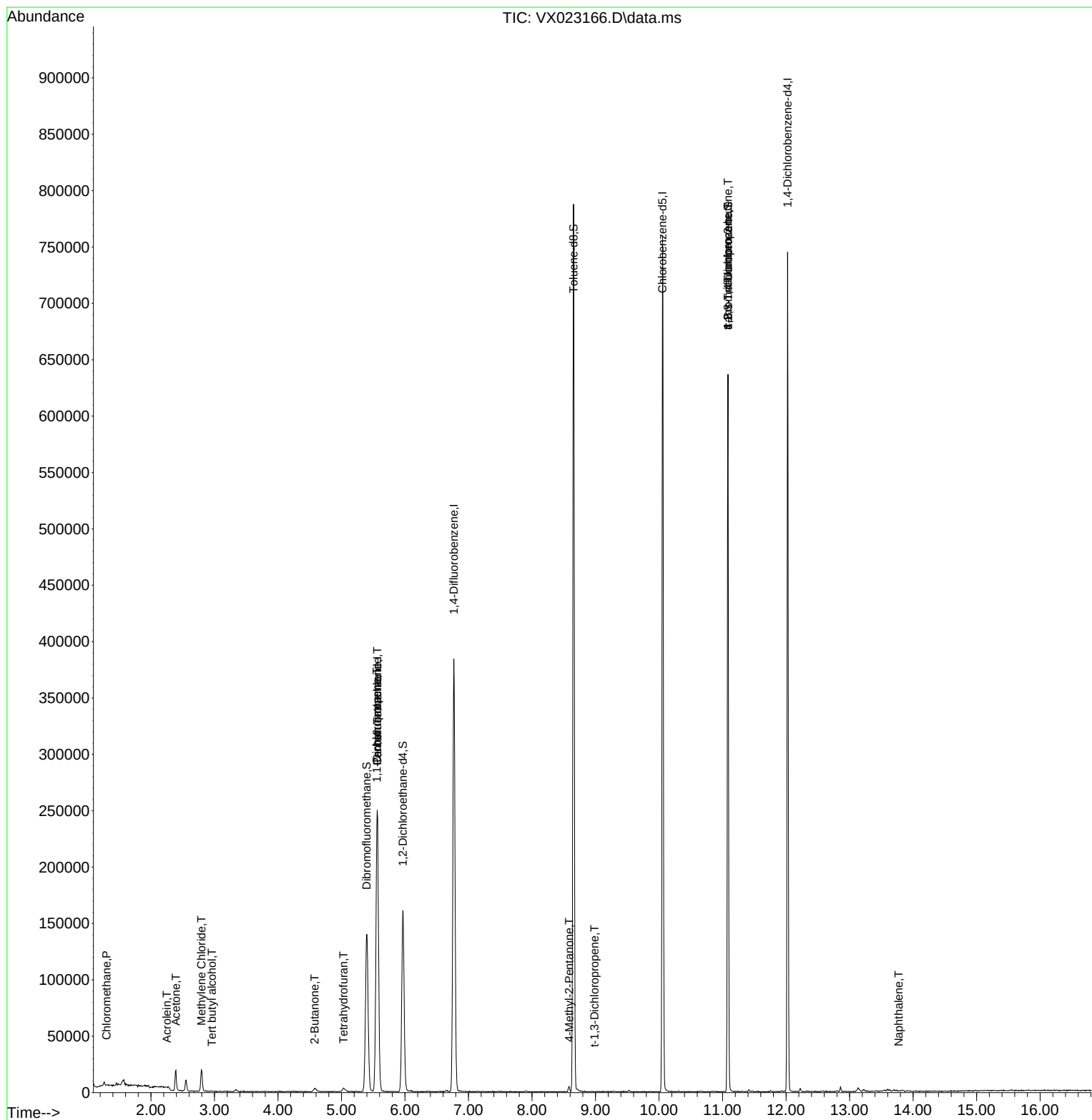
Internal Standards						
1) Pentafluorobenzene	5.562	168	230943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	382774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	160955	51.856	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.720%			
35) Dibromofluoromethane	5.397	113	121280	49.066	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.140%			
50) Toluene-d8	8.653	98	449589	48.760	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.520%			
62) 4-Bromofluorobenzene	11.085	95	164873	46.318	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.640%			
Target Compounds			Qvalue			
3) Chloromethane	1.301	50	434	0.210	ug/l #	88
5) Bromomethane	1.618	94	522	Below Cal	#	75
11) Tert butyl alcohol	2.959	59	328	0.502	ug/l #	73
13) Acrolein	2.252	56	131	0.301	ug/l #	68
16) Acetone	2.392	43	19417	15.812	ug/l #	88
20) Methylene Chloride	2.794	84	8886	3.361	ug/l	98
25) 2-Butanone	4.574	43	5174	2.794	ug/l	91
29) Tetrahydrofuran	5.032	42	2934	2.465	ug/l #	84
36) 1,1-Dichloropropene	5.556	75	18403	5.393	ug/l #	49
38) Carbon Tetrachloride	5.562	117	25055	7.034	ug/l #	15
51) 4-Methyl-2-Pentanone	8.586	43	2938	0.766	ug/l	87
53) t-1,3-Dichloropropene	8.982	75	19	2.741	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	85477	29.523	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	85477	79.345	ug/l #	12
95) Naphthalene	13.774	128	454	1.317	ug/l #	69

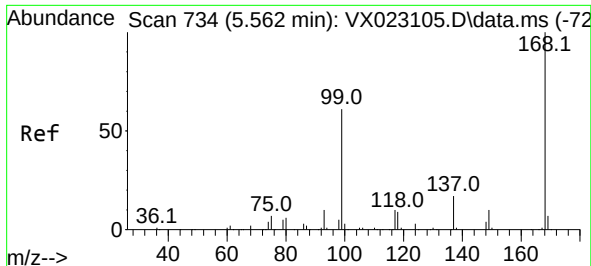
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
Data File : VX023166.D
Acq On : 07 Jul 2021 12:43
Operator : JC/MD
Sample : M2939-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 08 03:18:00 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

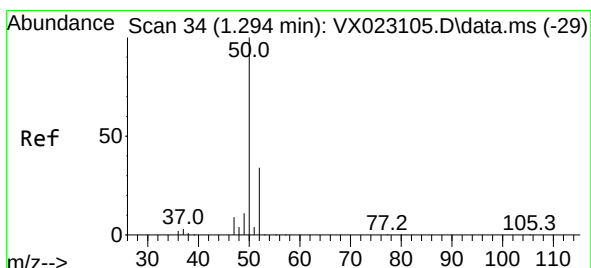
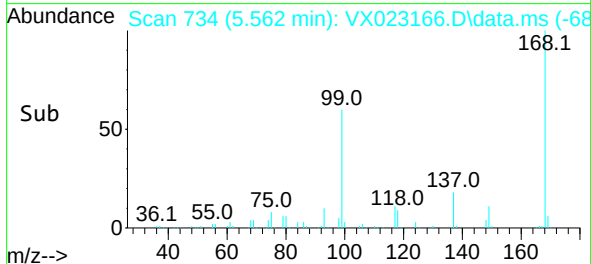
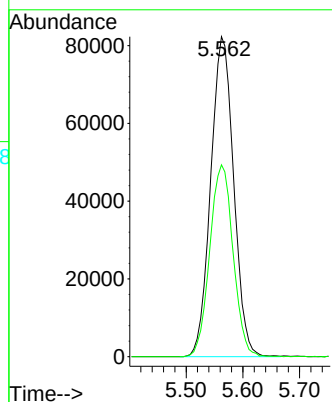
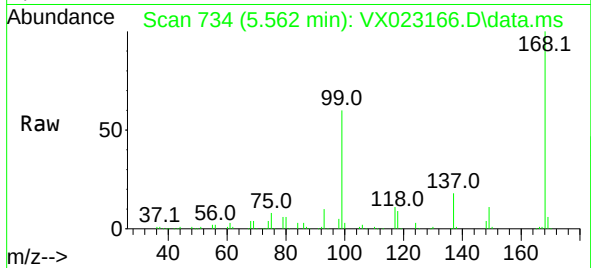




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

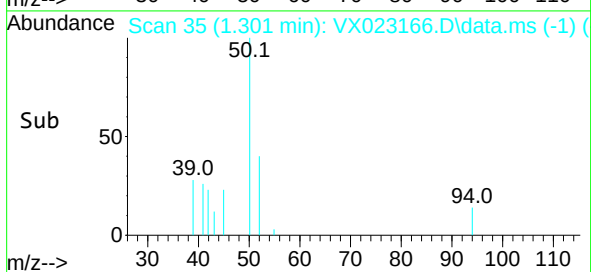
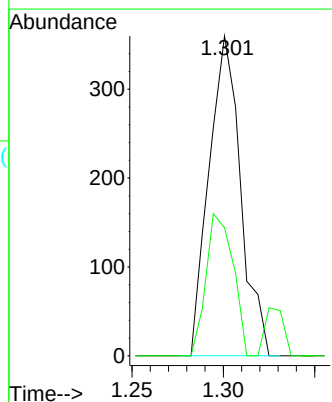
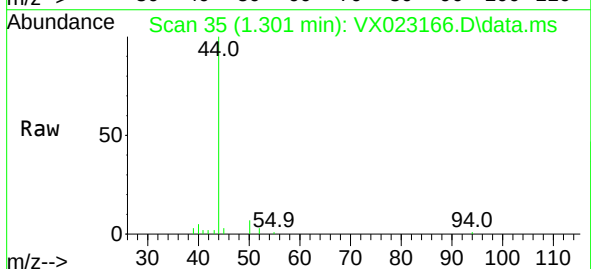
Instrument :
MSVOA_X
ClientSampled :

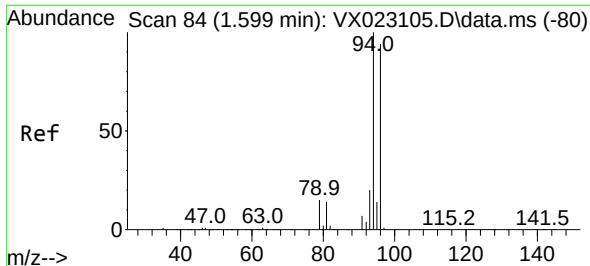
Tgt Ion:168 Resp: 230943
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

Tgt Ion: 50 Resp: 434
Ion Ratio Lower Upper
50 100
52 40.0 26.4 39.6#

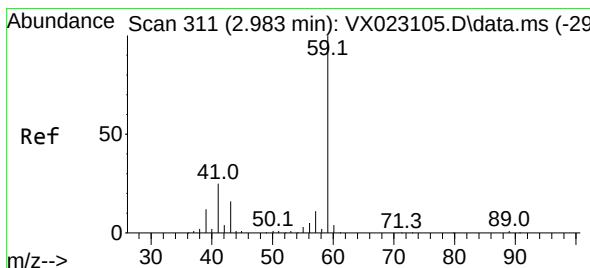
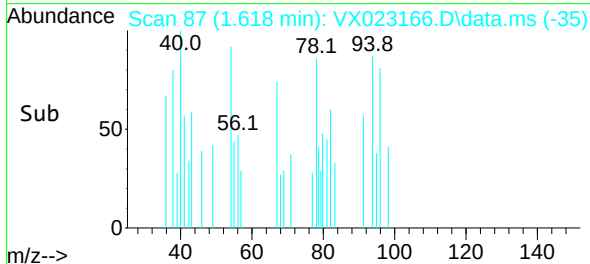
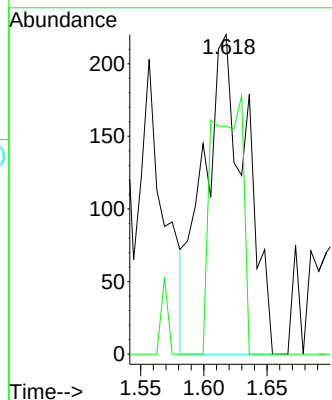
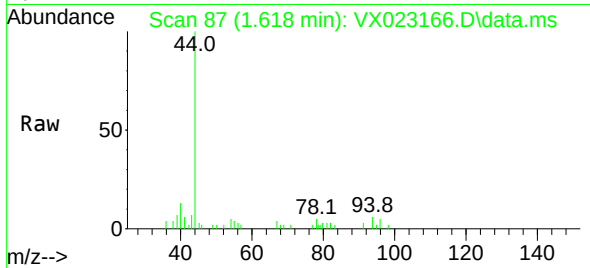




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

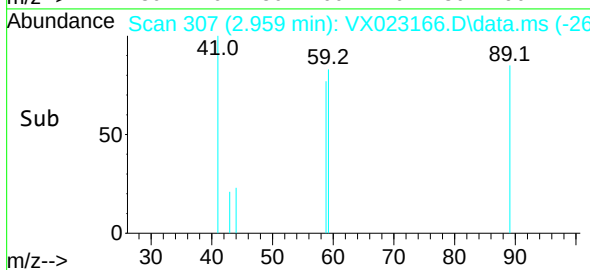
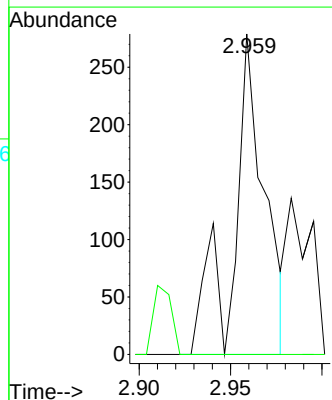
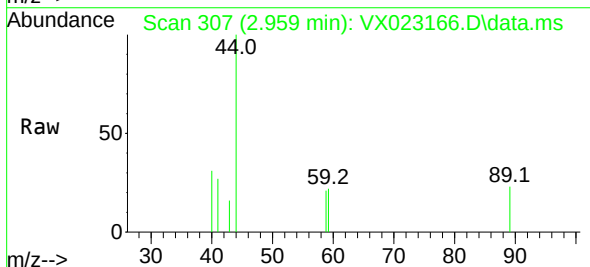
Instrument :
MSVOA_X
ClientSampleId :

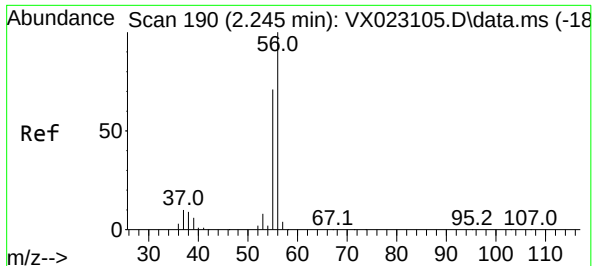
Tgt Ion: 94 Resp: 522
Ion Ratio Lower Upper
94 100
96 71.4 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.502 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

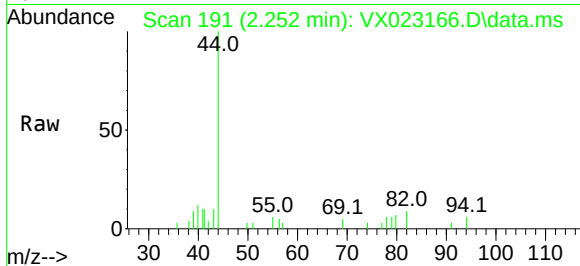
Tgt Ion: 59 Resp: 328
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



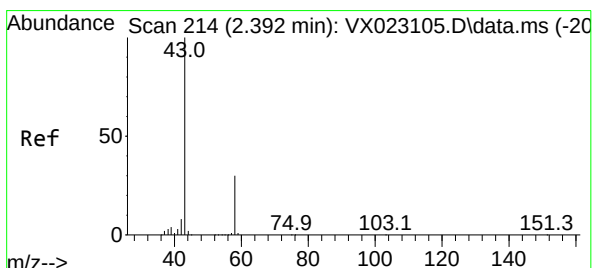
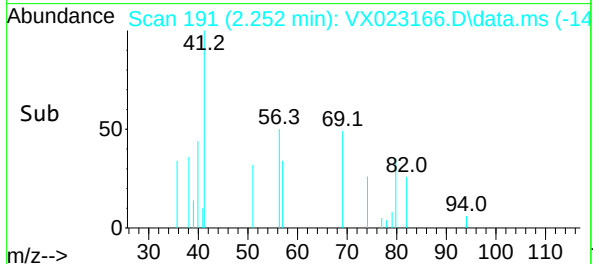
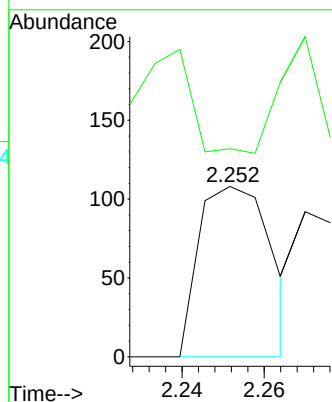


#13
Acrolein
Concen: 0.301 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.007 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

Instrument :
MSVOA_X
ClientSampled :

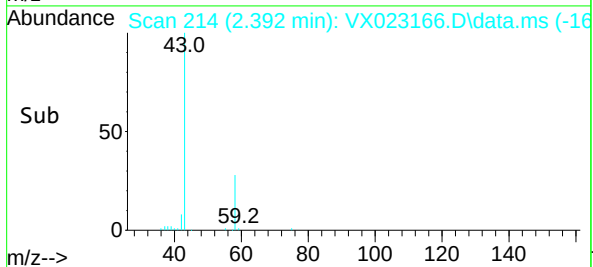
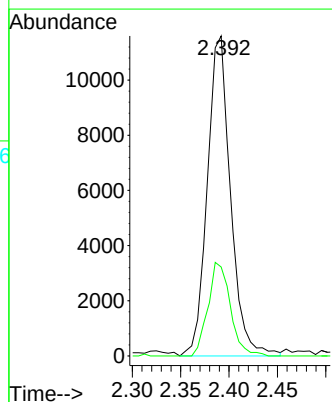
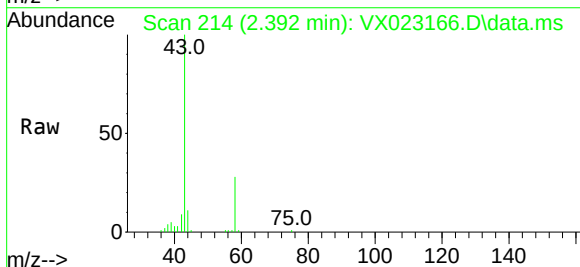


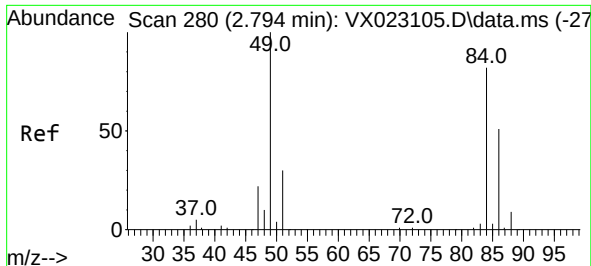
Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 44.3 56.4 84.6#



#16
Acetone
Concen: 15.812 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

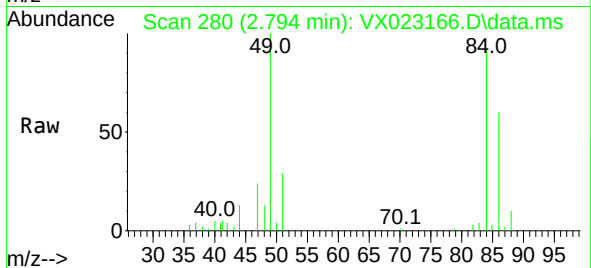
Tgt Ion: 43 Resp: 19417
Ion Ratio Lower Upper
43 100
58 27.8 27.8 41.8#



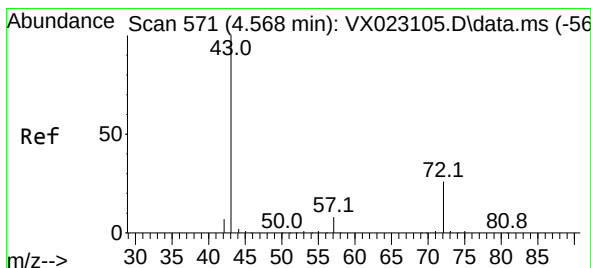
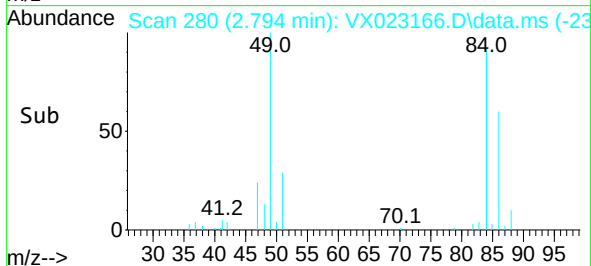
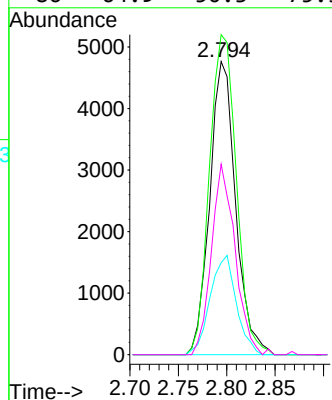


#20
Methylene Chloride
Concen: 3.361 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

Instrument :
MSVOA_X
ClientSampled :

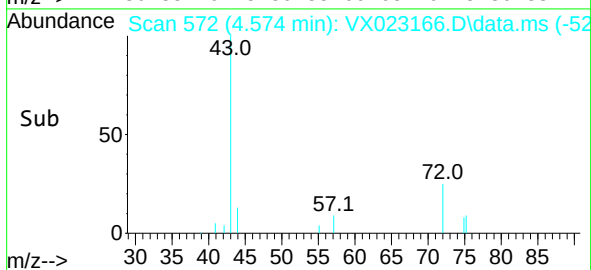
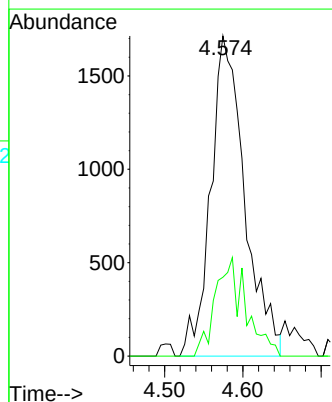
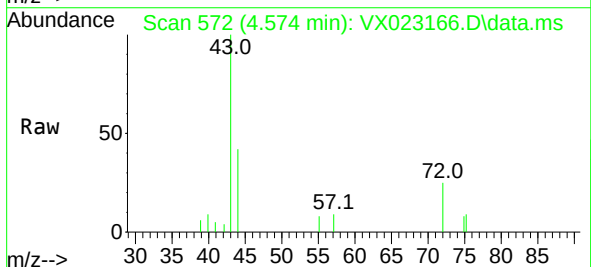


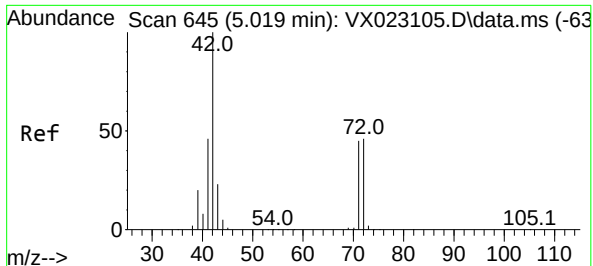
Tgt Ion:	84	Resp:	8886
Ion	Ratio	Lower	Upper
84	100		
49	109.2	88.6	132.8
51	31.4	27.0	40.6
86	64.9	50.3	75.5



#25
2-Butanone
Concen: 2.794 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

Tgt Ion:	43	Resp:	5174
Ion	Ratio	Lower	Upper
43	100		
72	24.6	23.7	35.5





#29

Tetrahydrofuran

Concen: 2.465 ug/l

RT: 5.032 min Scan# 647

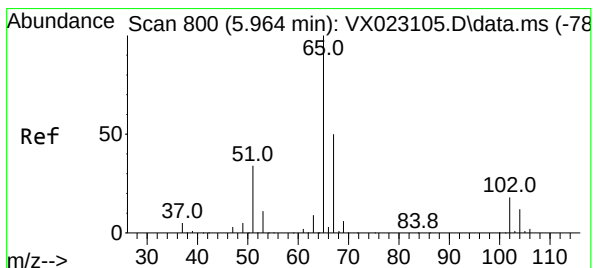
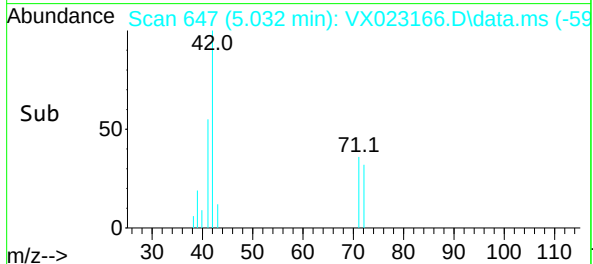
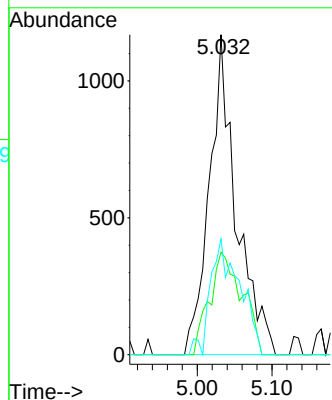
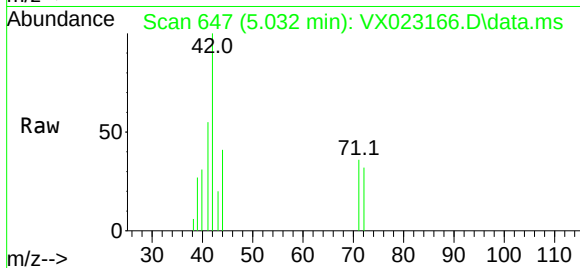
Delta R.T. 0.013 min

Lab File: VX023166.D

Acq: 07 Jul 2021 12:43

Tgt Ion: 42 Resp: 2934

Ion	Ratio	Lower	Upper
42	100		
72	38.9	41.7	62.5#
71	39.6	38.4	57.6



#33

1,2-Dichloroethane-d4

Concen: 51.856 ug/l

RT: 5.964 min Scan# 800

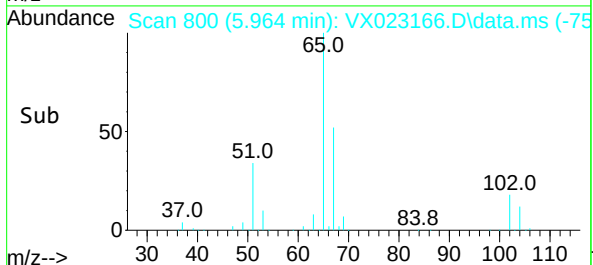
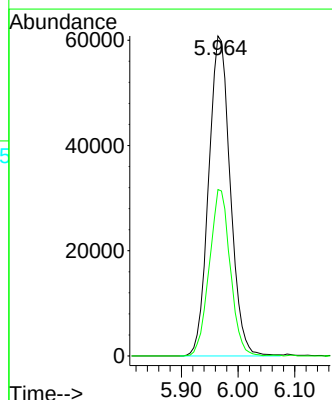
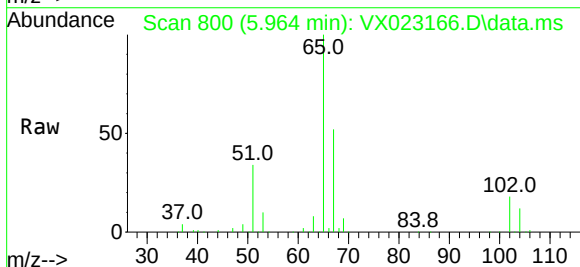
Delta R.T. 0.000 min

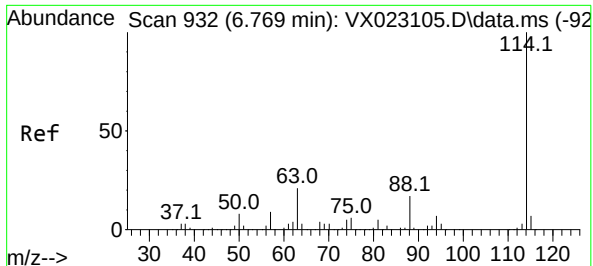
Lab File: VX023166.D

Acq: 07 Jul 2021 12:43

Tgt Ion: 65 Resp: 160955

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	105.4

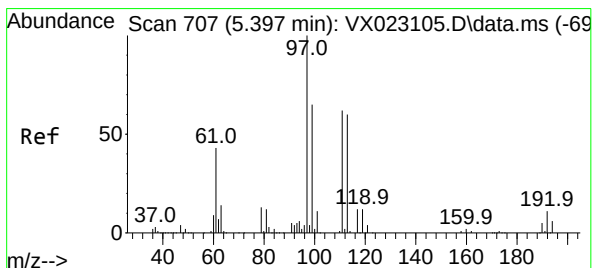
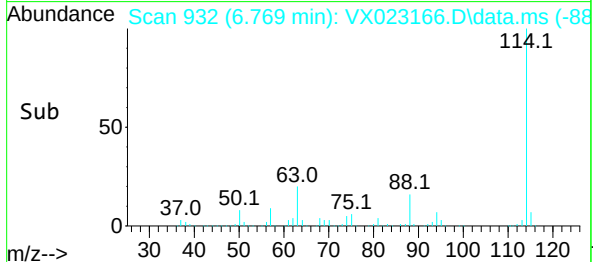
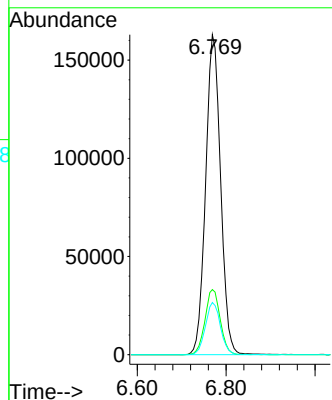
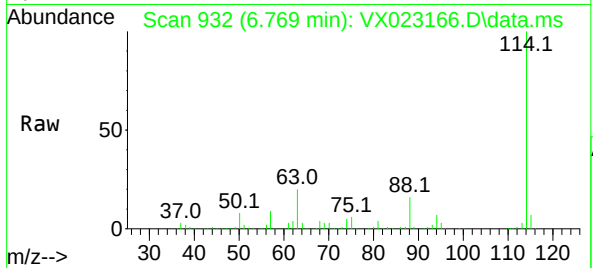




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

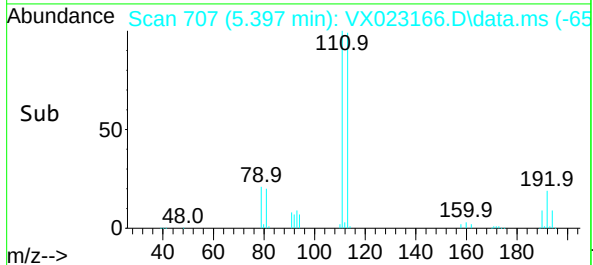
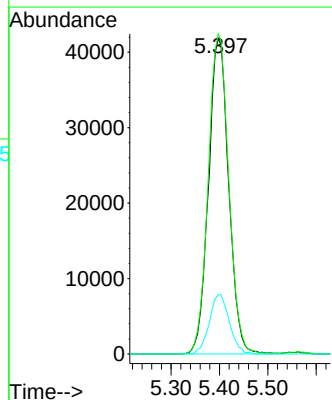
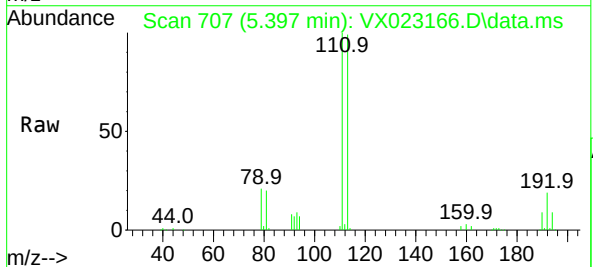
Instrument :
MSVOA_X
ClientSampleId :

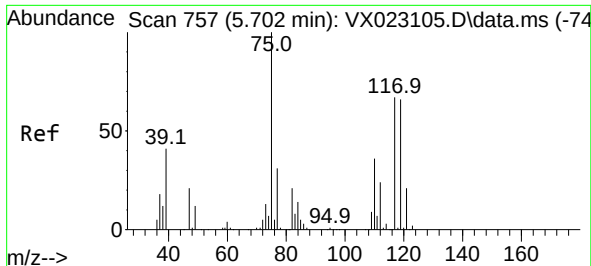
Tgt Ion:114 Resp: 382774
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.066 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

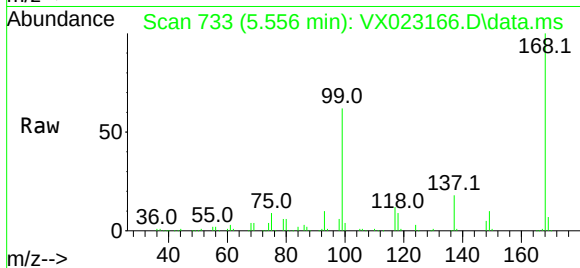
Tgt Ion:113 Resp: 121280
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 18.7 16.7 25.1



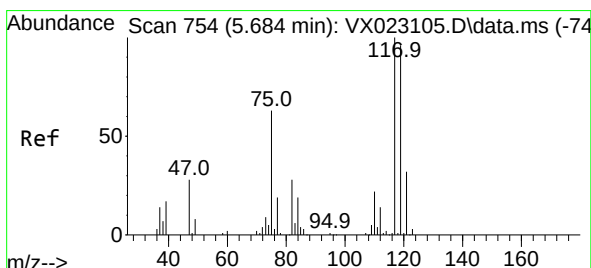
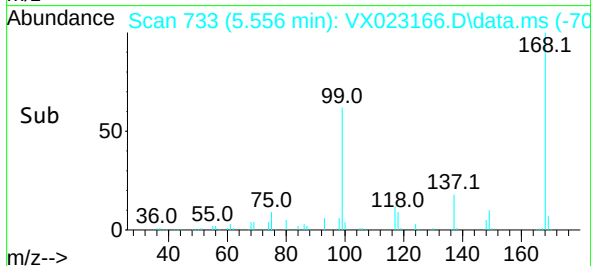
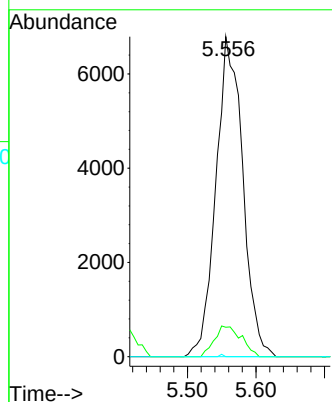


#36
1,1-Dichloropropene
Concen: 5.393 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

Instrument :
MSVOA_X
ClientSampled :

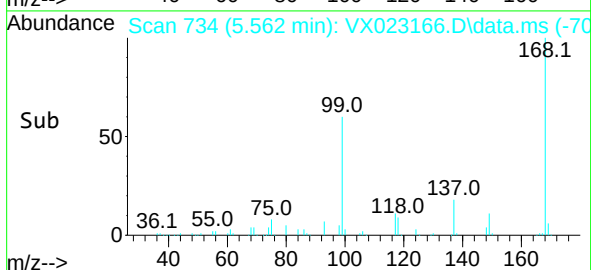
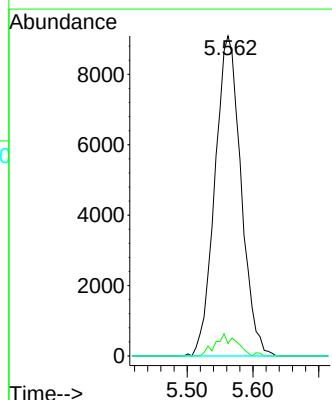
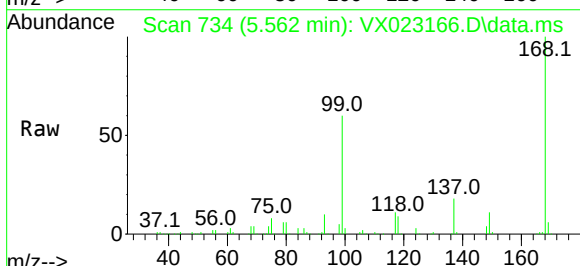


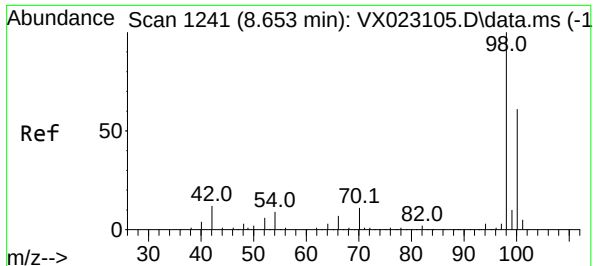
Tgt Ion: 75 Resp: 18403
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.1 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.034 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

Tgt Ion: 117 Resp: 25055
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

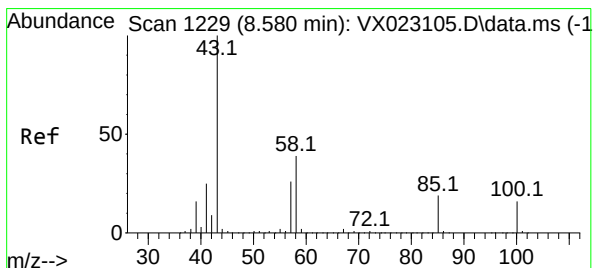
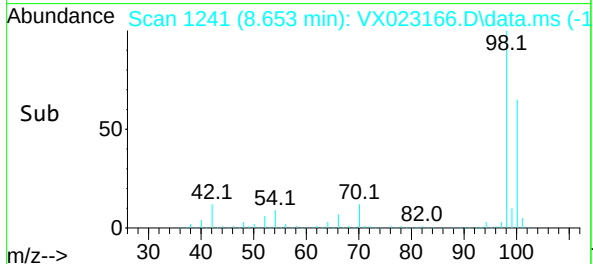
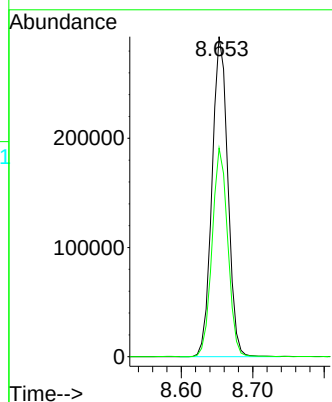
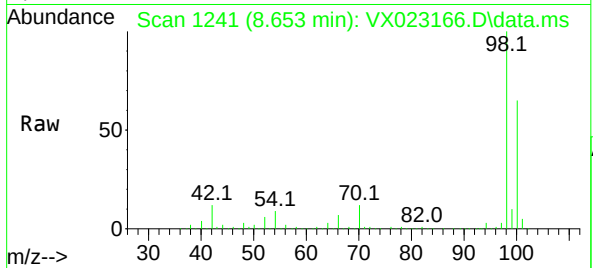




#50
Toluene-d8
Concen: 48.760 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

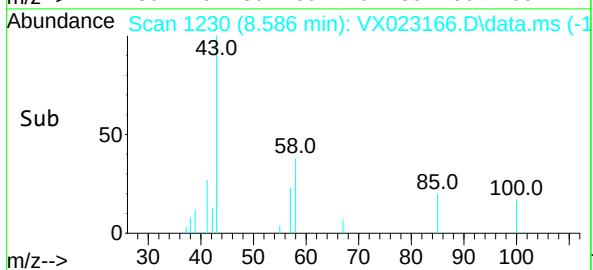
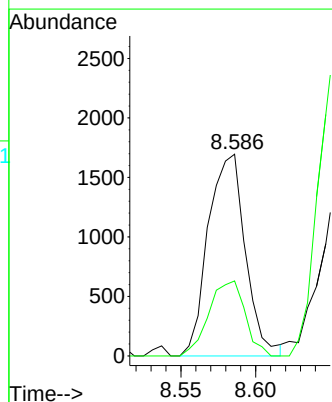
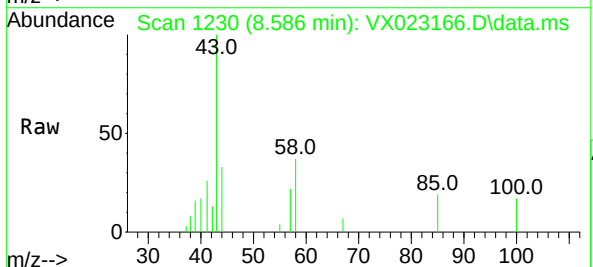
Instrument :
MSVOA_X
ClientSampled :

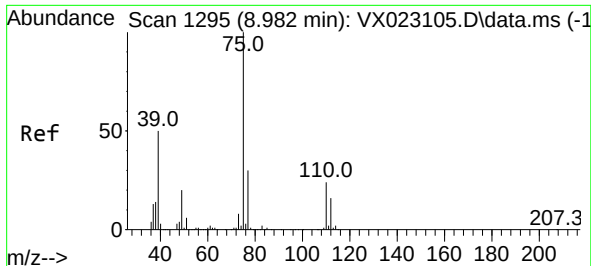
Tgt Ion: 98 Resp: 449589
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.766 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

Tgt Ion: 43 Resp: 2938
Ion Ratio Lower Upper
43 100
58 36.1 35.4 53.0

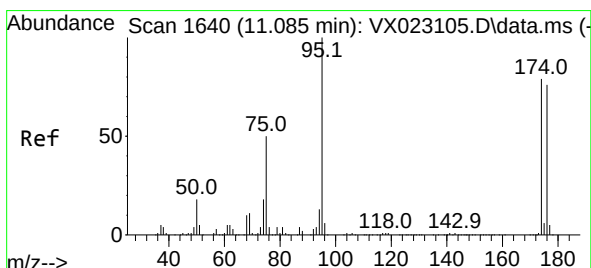
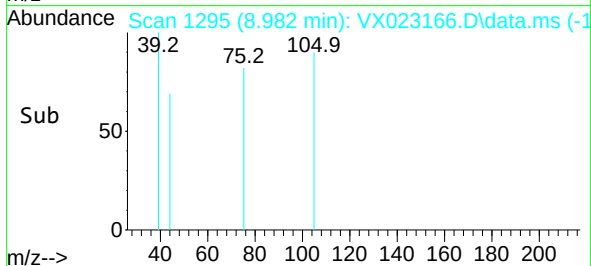
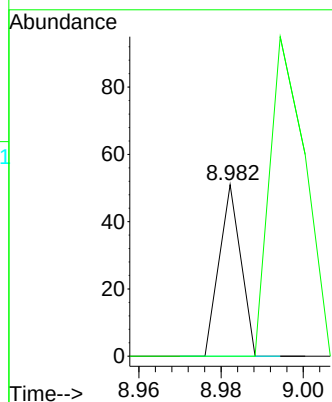
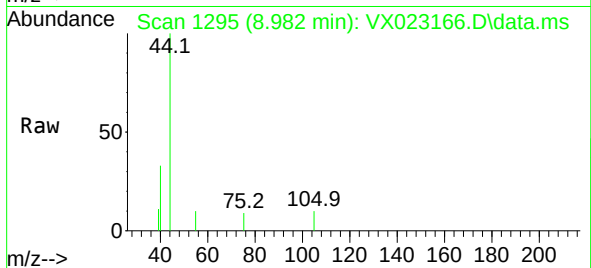




#53
t-1,3-Dichloropropene
Concen: 2.741 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

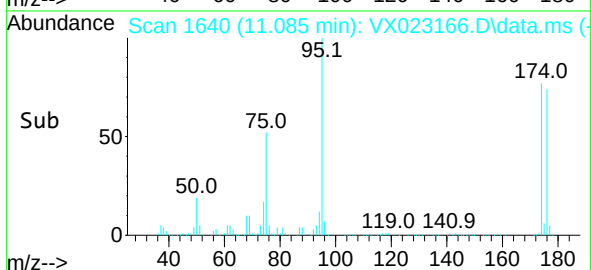
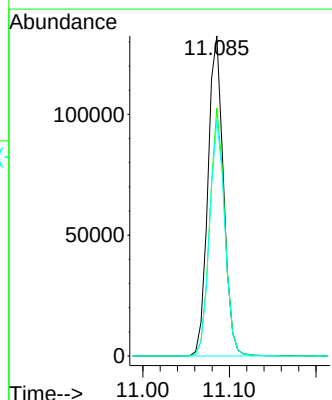
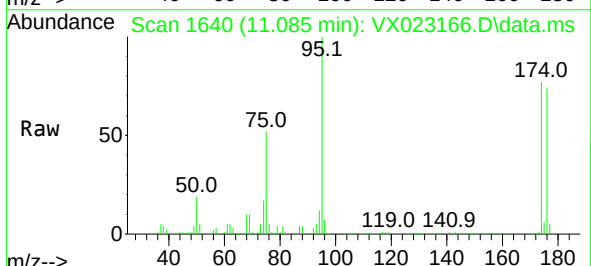
Instrument :
MSVOA_X
ClientSampled :

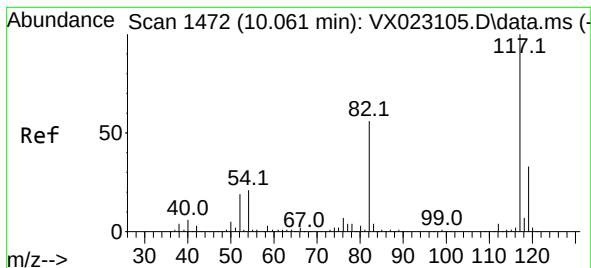
Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#62
4-Bromofluorobenzene
Concen: 46.318 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

Tgt Ion: 95 Resp: 164873
Ion Ratio Lower Upper
95 100
174 75.2 0.0 154.6
176 72.4 0.0 155.8

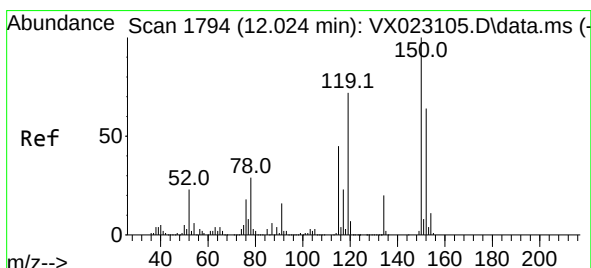
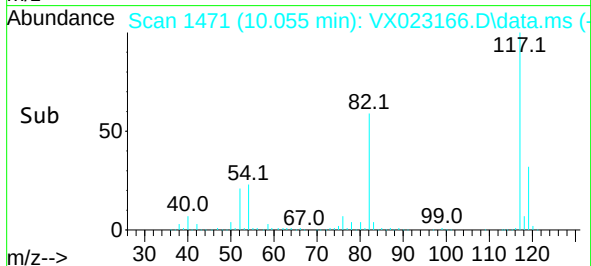
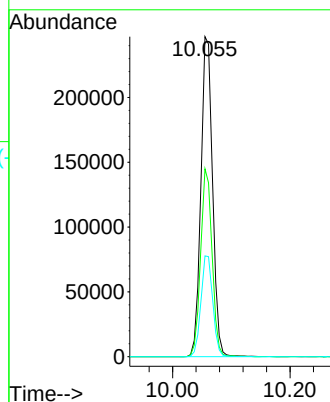
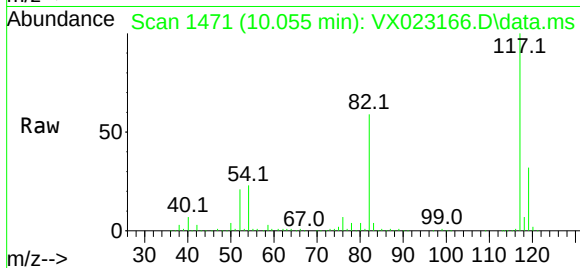




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

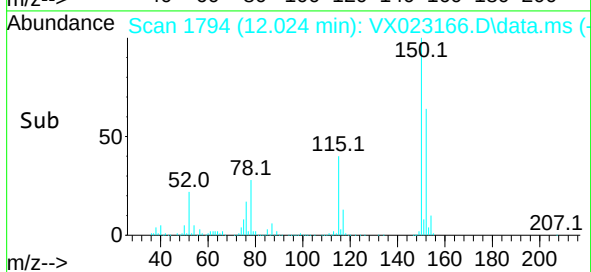
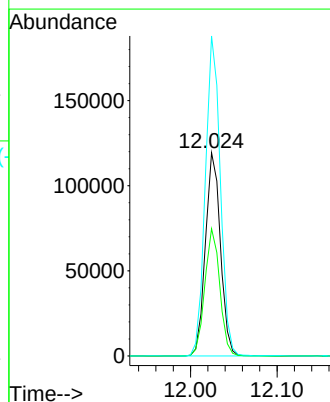
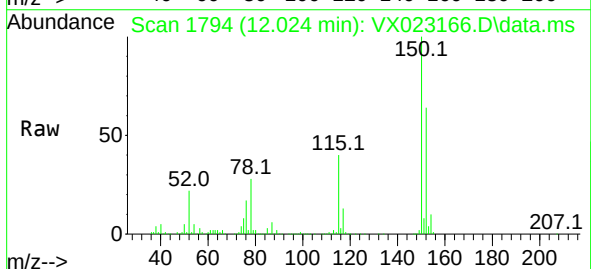
Instrument :
MSVOA_X
ClientSampled :

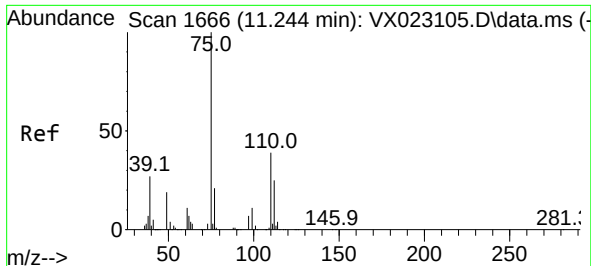
Tgt Ion:117 Resp: 340485
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

Tgt Ion:152 Resp: 143876
Ion Ratio Lower Upper
152 100
115 62.3 41.1 123.3
150 156.7 0.0 349.0

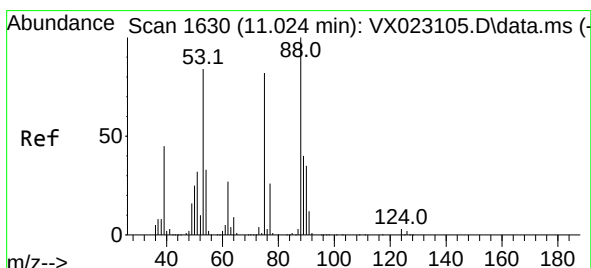
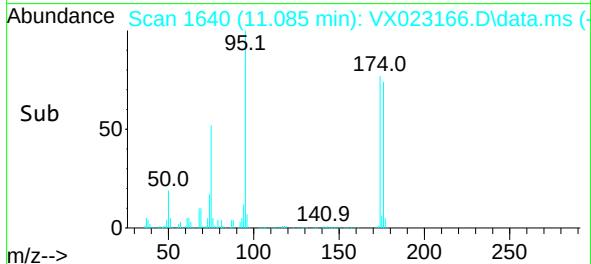
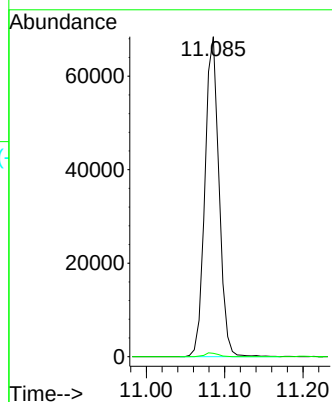
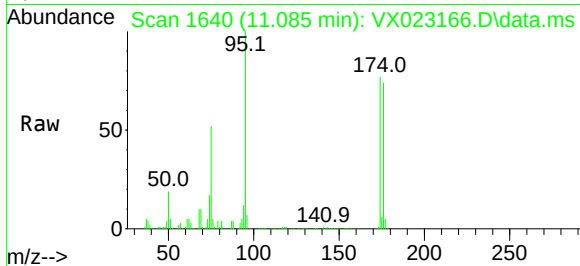




#76
1,2,3-Trichloropropane
Concen: 29.523 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

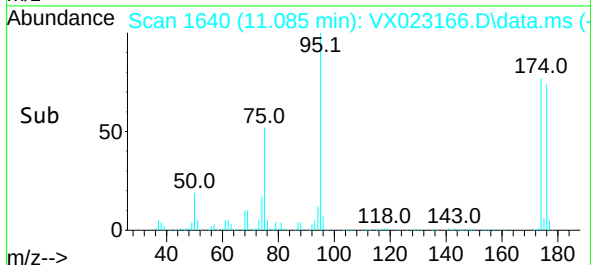
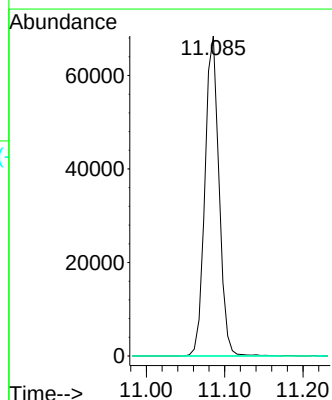
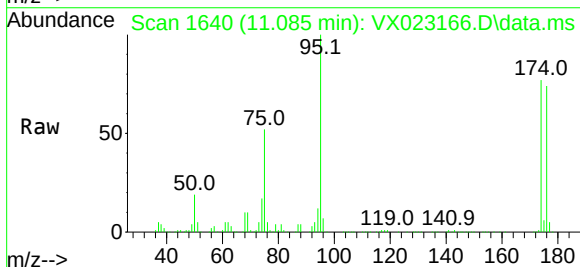
Instrument :
MSVOA_X
ClientSampled :

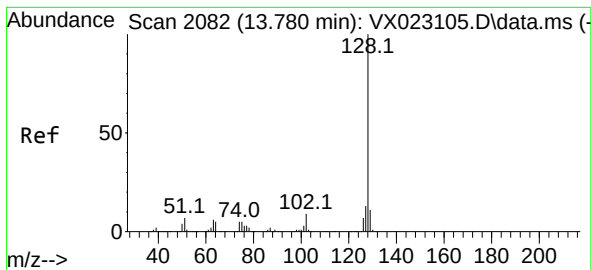
Tgt Ion: 75 Resp: 85477
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.345 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

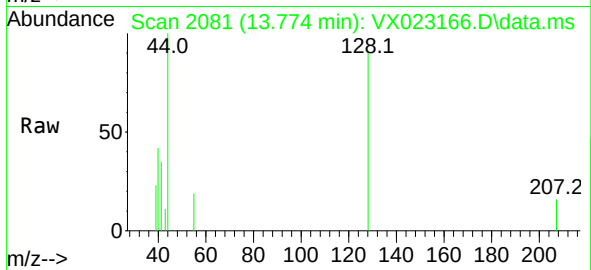
Tgt Ion: 75 Resp: 85477
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.317 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023166.D
Acq: 07 Jul 2021 12:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 454
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

