

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023169.D
 Acq On : 07 Jul 2021 13:54
 Operator : JC/MD
 Sample : M2939-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 08 03:18:57 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)

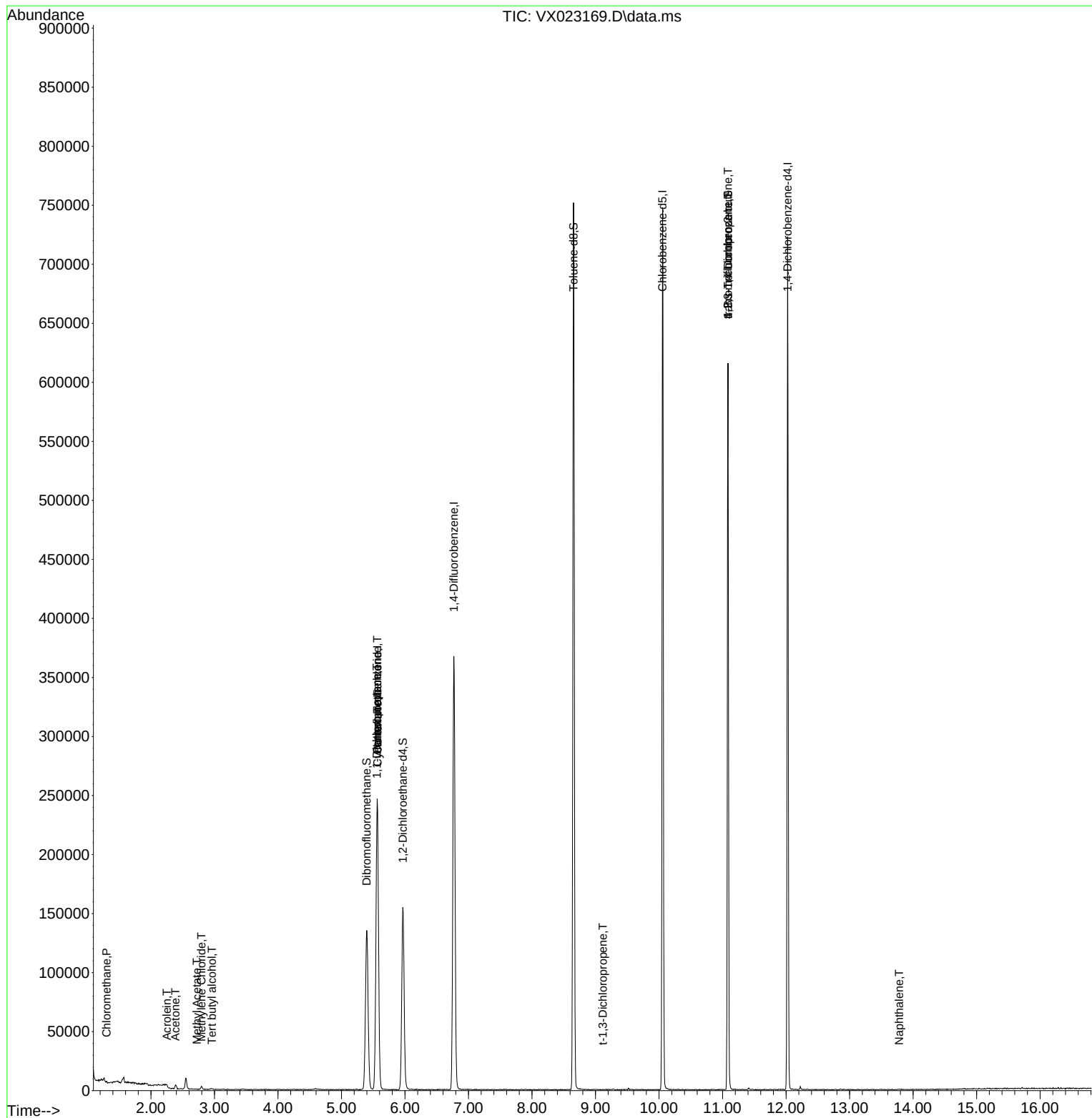
Internal Standards						
1) Pentafluorobenzene	5.562	168	224773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	366142	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	331405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	154890	51.272	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.540%
35) Dibromofluoromethane	5.397	113	116322	49.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.400%
50) Toluene-d8	8.653	98	439997	49.888	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.780%
62) 4-Bromofluorobenzene	11.085	95	161484	47.427	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.860%
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	458	0.227	ug/l #	60
5) Bromomethane	1.599	94	466	Below Cal	#	59
11) Tert butyl alcohol	2.959	59	451	0.710	ug/l #	73
13) Acrolein	2.251	56	104	0.246	ug/l #	14
16) Acetone	2.385	43	3828	3.203	ug/l #	87
18) Methyl Acetate	2.721	43	659	0.227	ug/l #	60
20) Methylene Chloride	2.794	84	1020	0.396	ug/l	91
31) Cyclohexane	5.568	56	4803	1.328	ug/l #	26
36) 1,1-Dichloropropene	5.556	75	17880	5.478	ug/l #	50
38) Carbon Tetrachloride	5.562	117	22865	6.711	ug/l #	16
53) t-1,3-Dichloropropene	9.116	75	20	2.741	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	83540	29.619	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	83540	79.587	ug/l #	12
95) Naphthalene	13.780	128	122	1.287	ug/l #	69

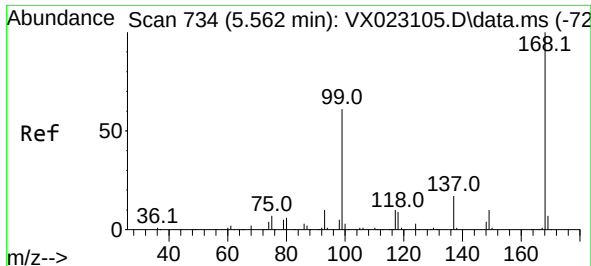
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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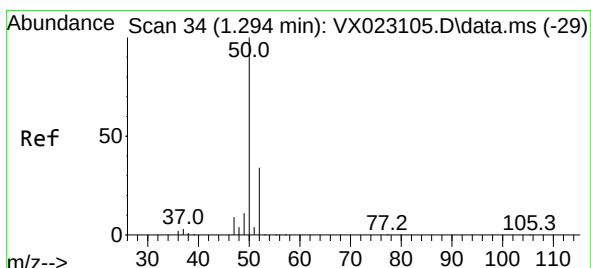
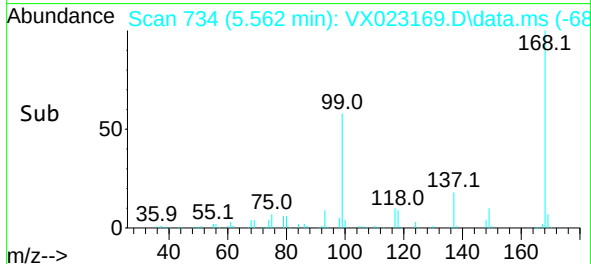
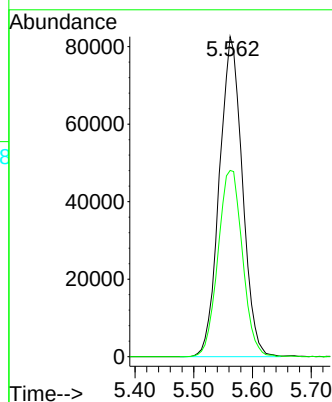
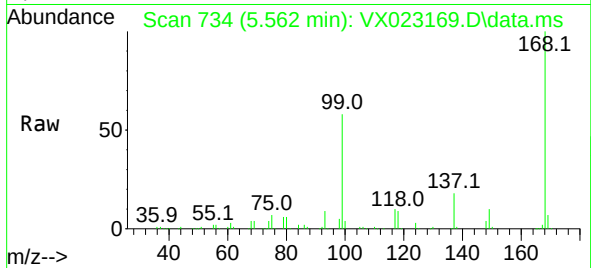




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

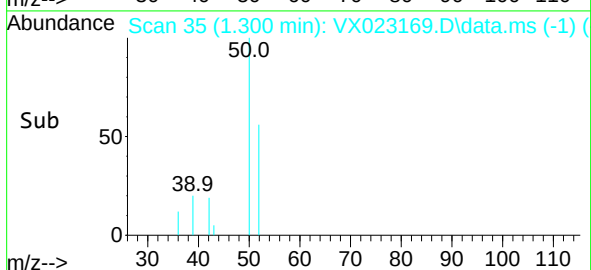
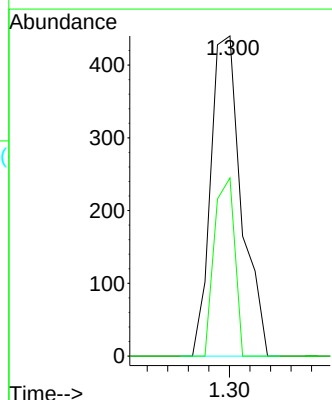
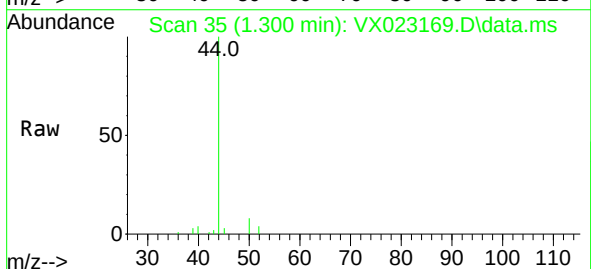
Instrument :
MSVOA_X
ClientSampled :

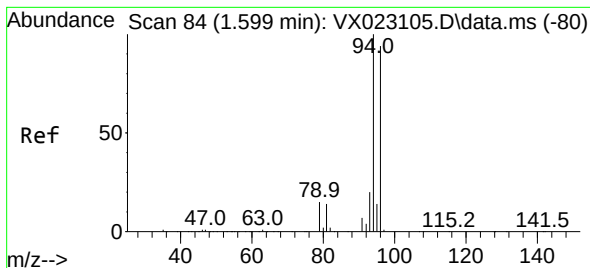
Tgt Ion:168 Resp: 224773
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

Tgt Ion: 50 Resp: 458
Ion Ratio Lower Upper
50 100
52 55.7 26.4 39.6#

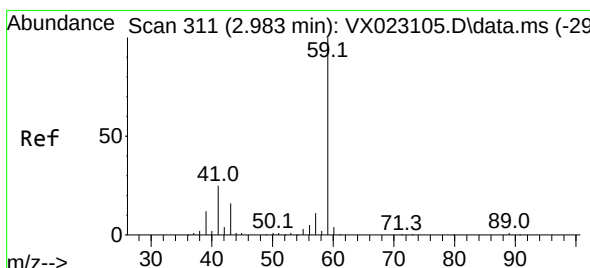
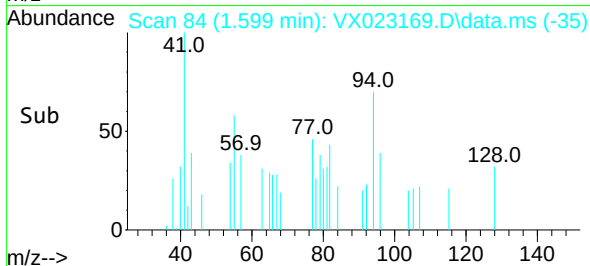
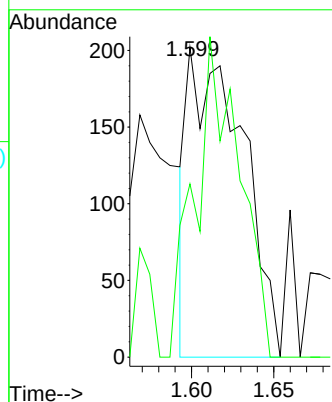
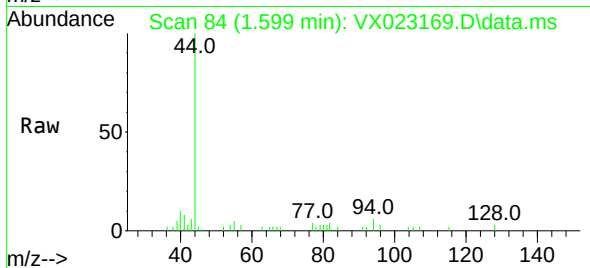




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

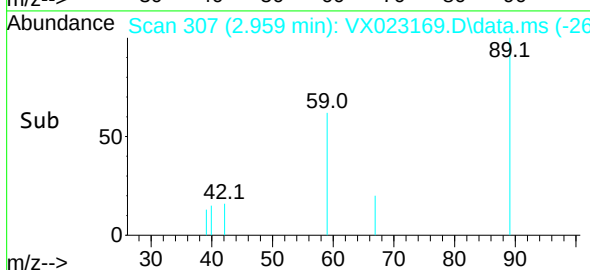
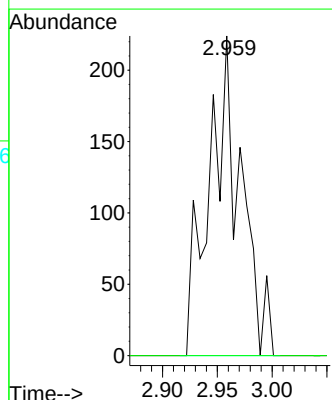
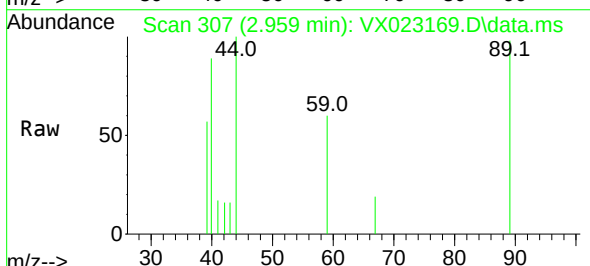
Instrument :
MSVOA_X
ClientSampled :

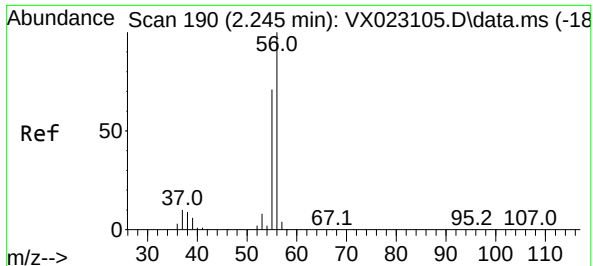
Tgt Ion: 94 Resp: 466
Ion Ratio Lower Upper
94 100
96 55.9 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.710 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

Tgt Ion: 59 Resp: 451
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

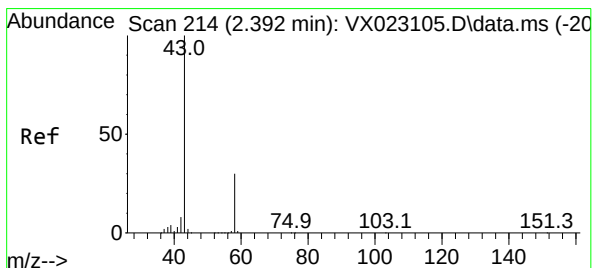
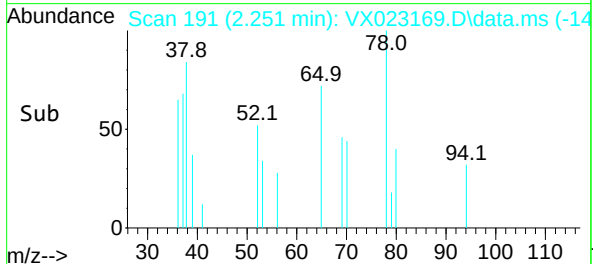
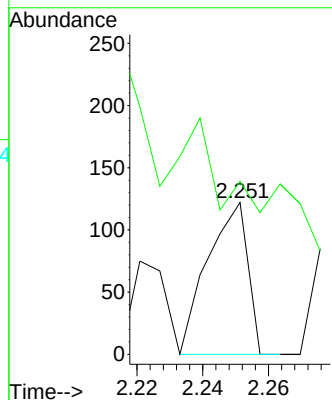
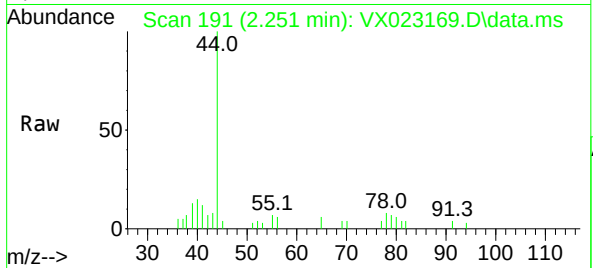




#13
Acrolein
Concen: 0.246 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

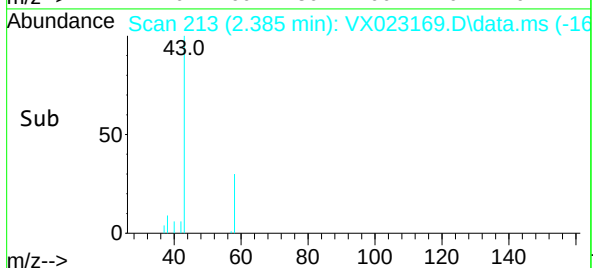
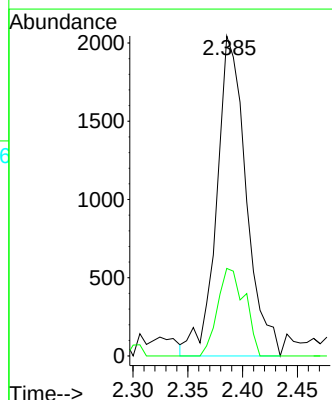
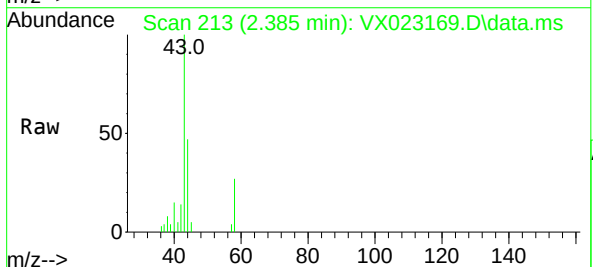
Instrument :
MSVOA_X
ClientSampled :

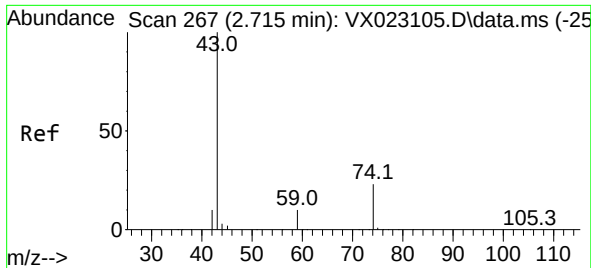
Tgt Ion: 56 Resp: 104
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 3.203 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

Tgt Ion: 43 Resp: 3828
Ion Ratio Lower Upper
43 100
58 27.4 27.8 41.8#

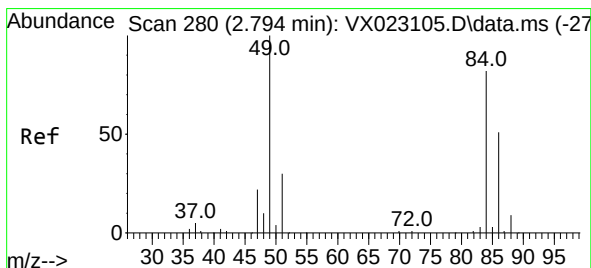
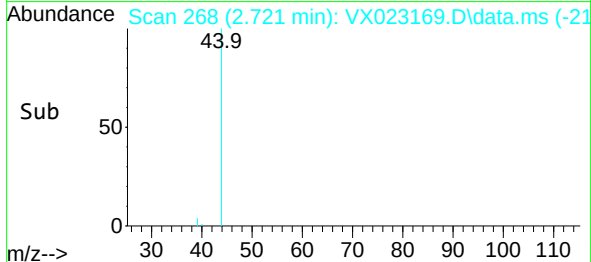
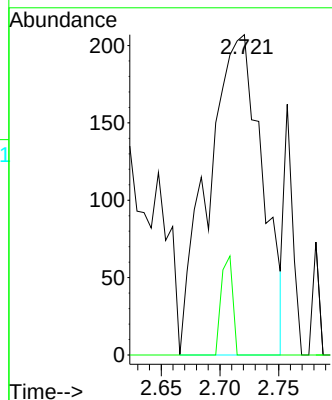
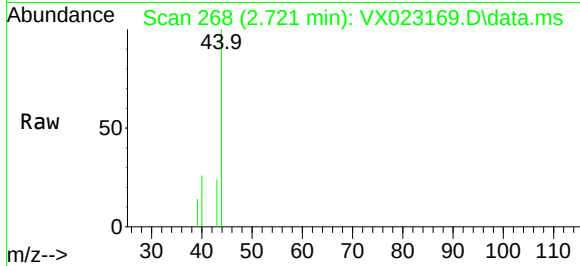




#18
Methyl Acetate
Concen: 0.227 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

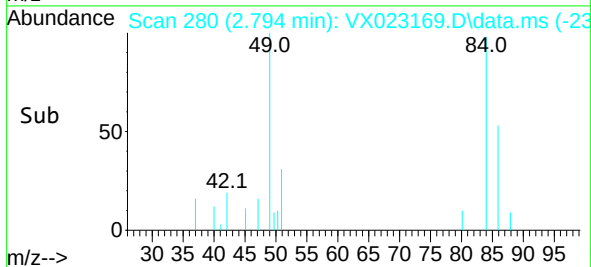
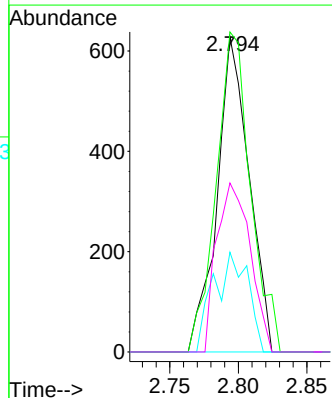
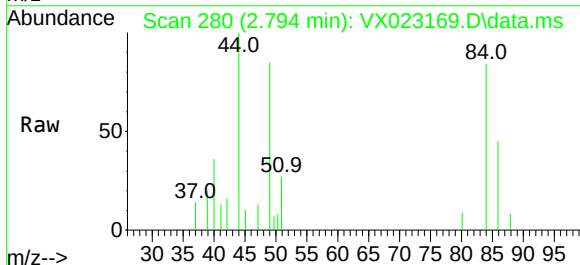
Instrument :
MSVOA_X
ClientSampled :

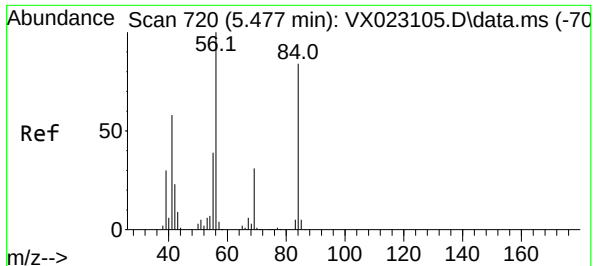
Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
74 6.7 21.9 32.9#



#20
Methylene Chloride
Concen: 0.396 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

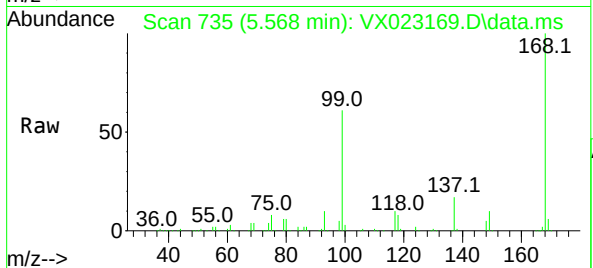
Tgt Ion: 84 Resp: 1020
Ion Ratio Lower Upper
84 100
49 101.6 88.6 132.8
51 31.7 27.0 40.6
86 53.7 50.3 75.5



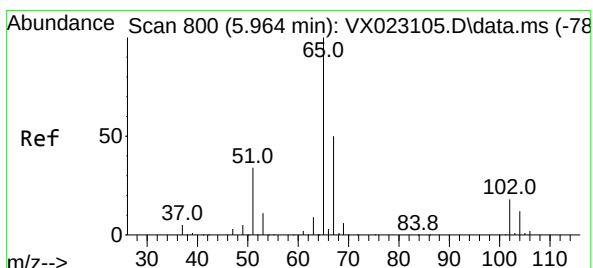
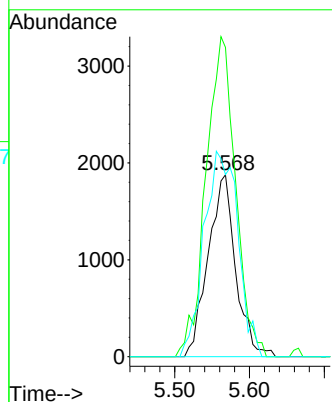
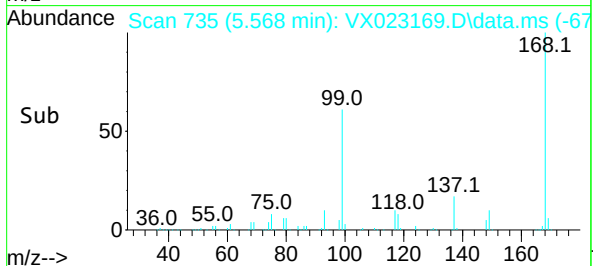


#31
Cyclohexane
Concen: 1.328 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

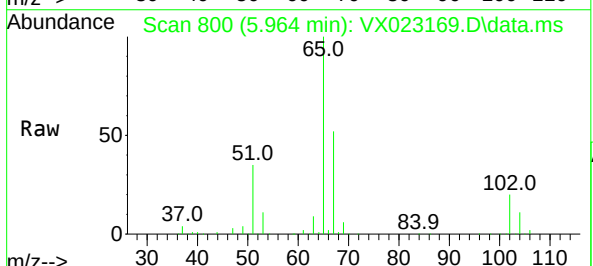
Instrument :
MSVOA_X
ClientSampled :



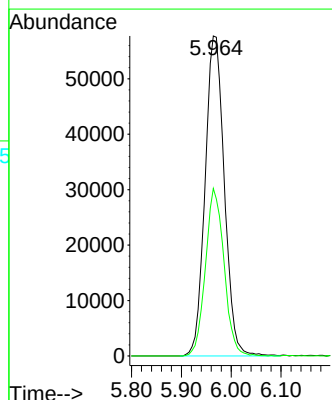
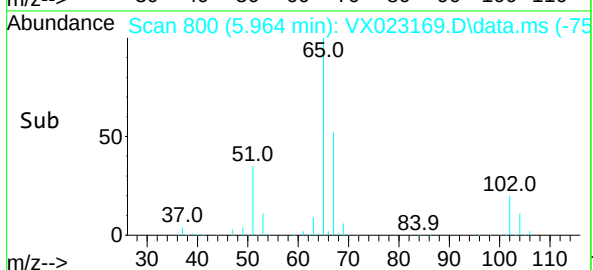
Tgt Ion: 56 Resp: 4803
Ion Ratio Lower Upper
56 100
69 170.0 25.3 37.9#
84 100.1 71.4 107.0

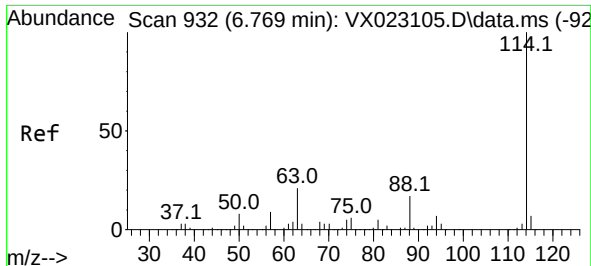


#33
1,2-Dichloroethane-d4
Concen: 51.272 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54



Tgt Ion: 65 Resp: 154890
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

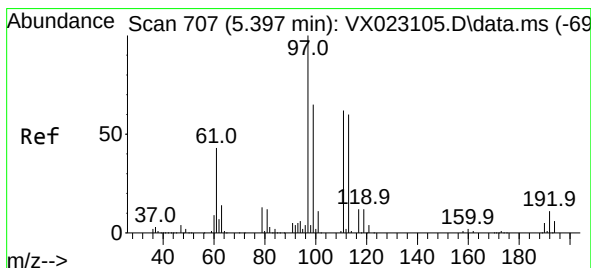
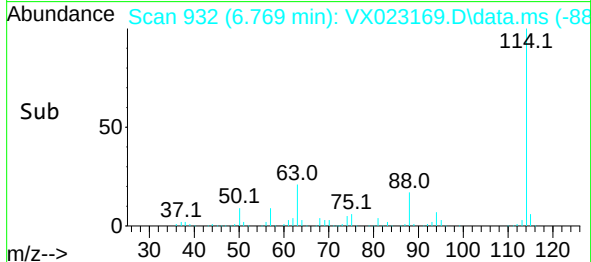
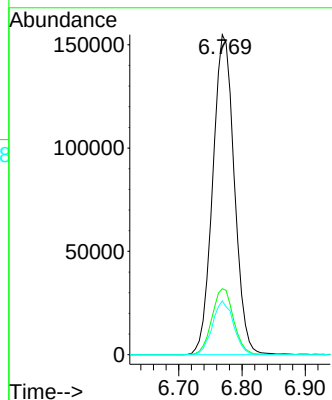
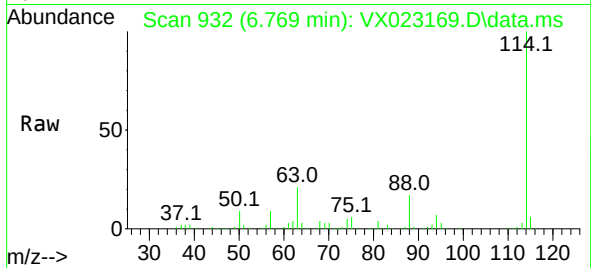




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

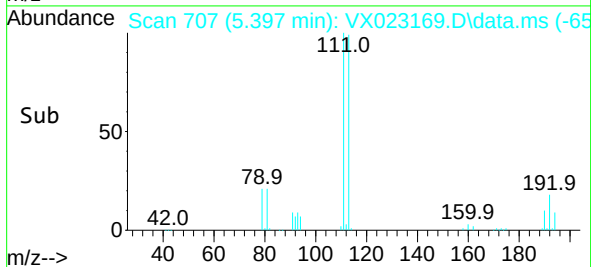
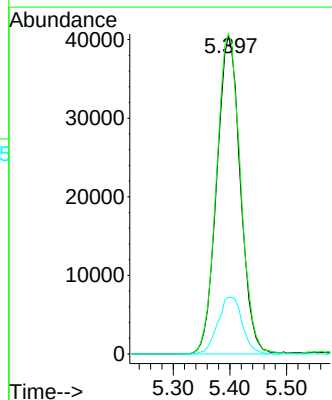
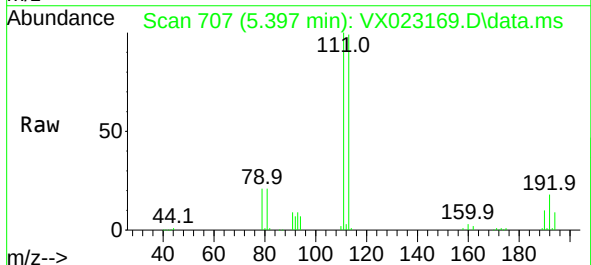
Instrument :
MSVOA_X
ClientSampleId :

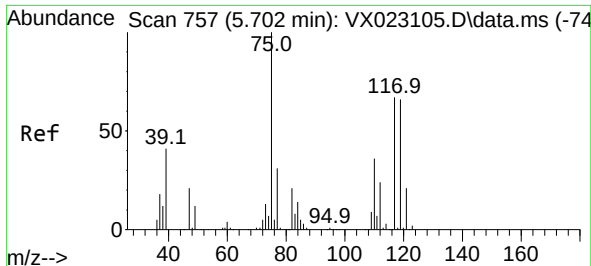
Tgt Ion:114 Resp: 366142
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.197 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

Tgt Ion:113 Resp: 116322
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.5 16.7 25.1

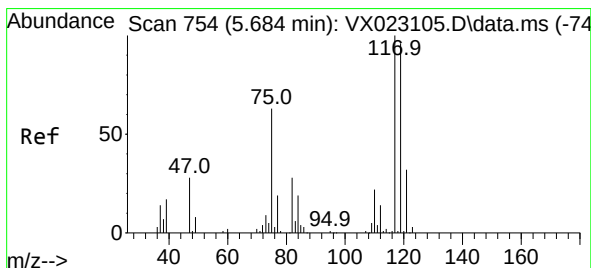
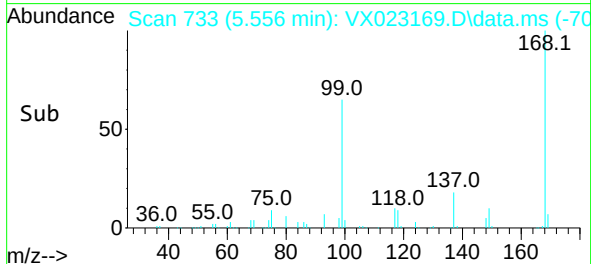
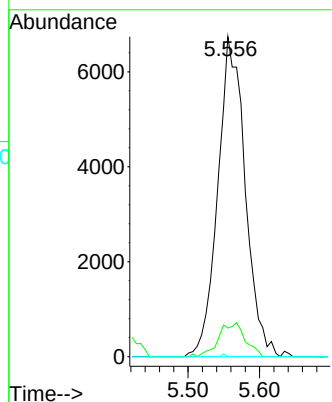
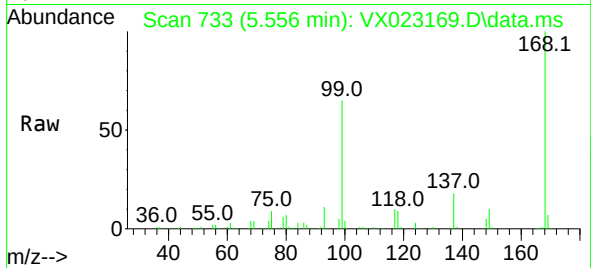




#36
1,1-Dichloropropene
Concen: 5.478 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

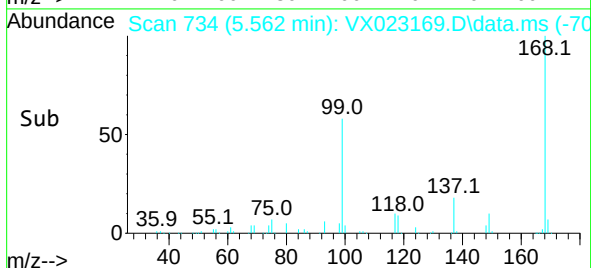
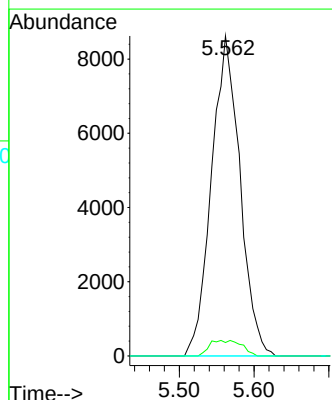
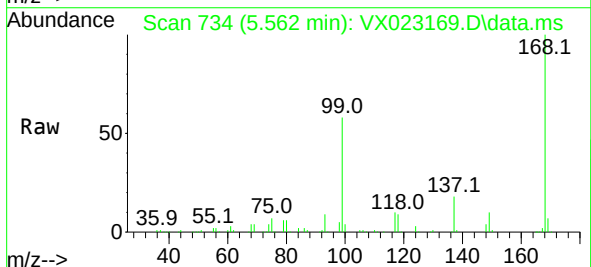
Instrument :
MSVOA_X
ClientSampled :

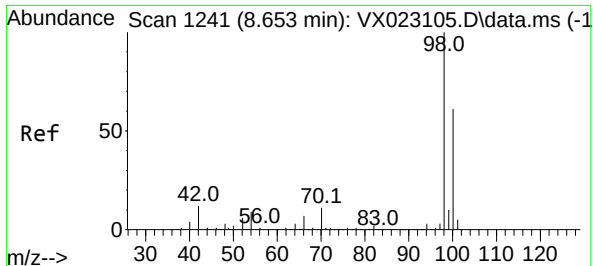
Tgt Ion: 75 Resp: 17880
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.1 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.711 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

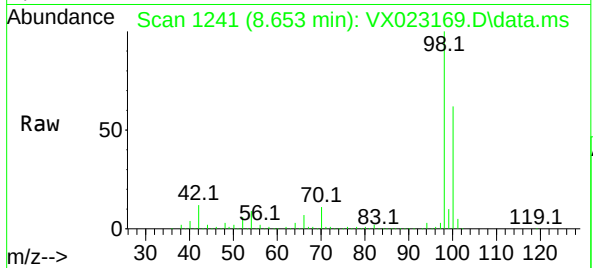
Tgt Ion: 117 Resp: 22865
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



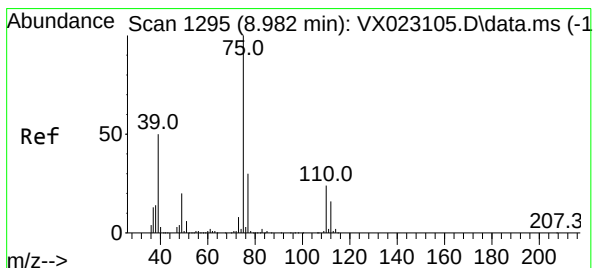
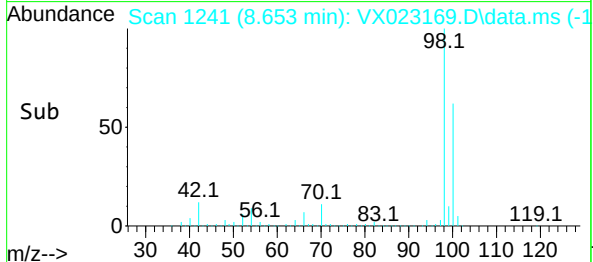
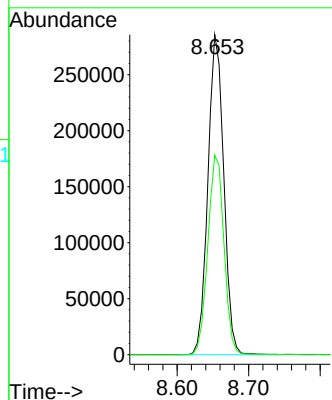


#50
Toluene-d8
Concen: 49.888 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

Instrument :
MSVOA_X
ClientSampled :

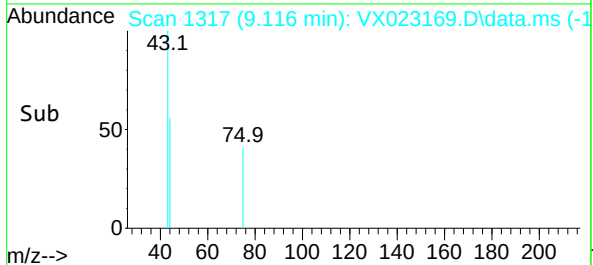
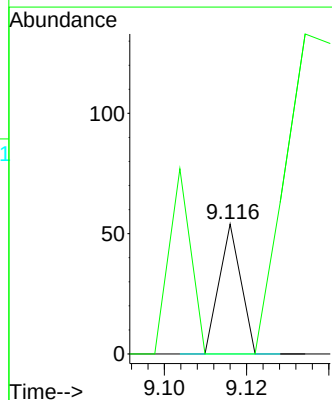
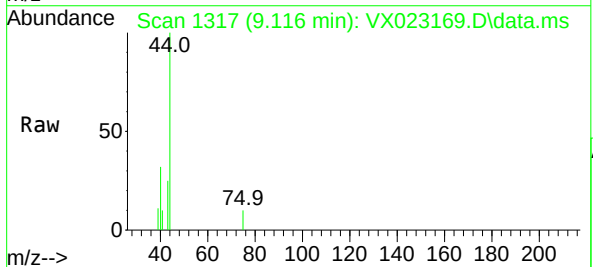


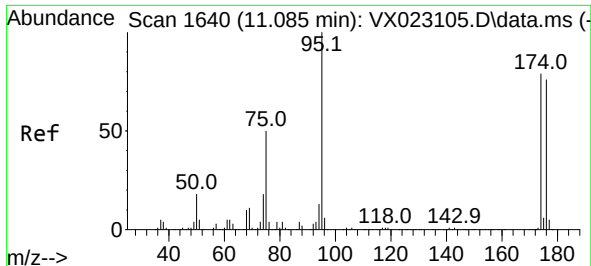
Tgt Ion: 98 Resp: 439997
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.741 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.134 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

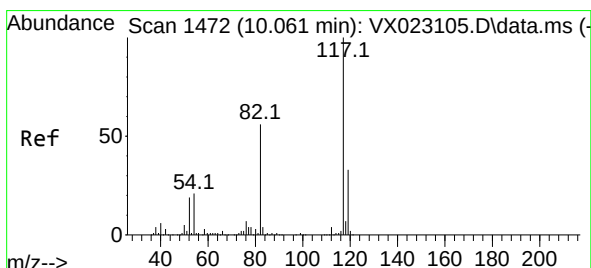
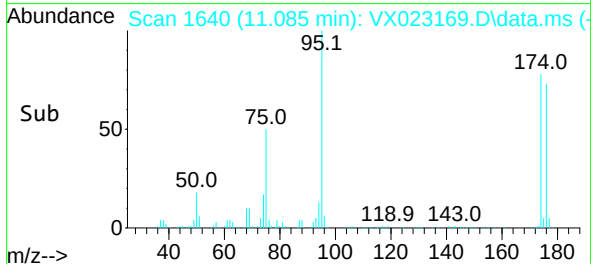
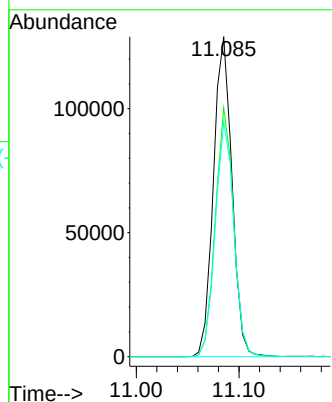
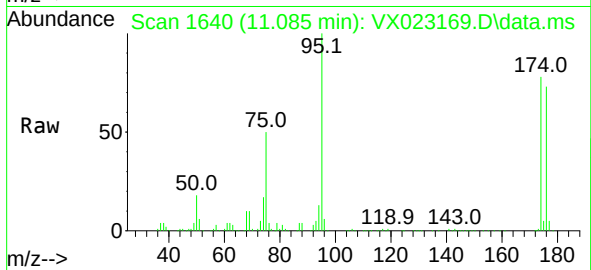




#62
4-Bromofluorobenzene
Concen: 47.427 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

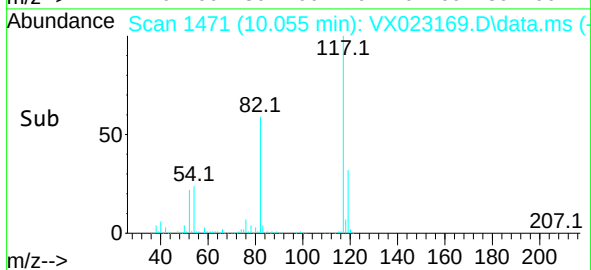
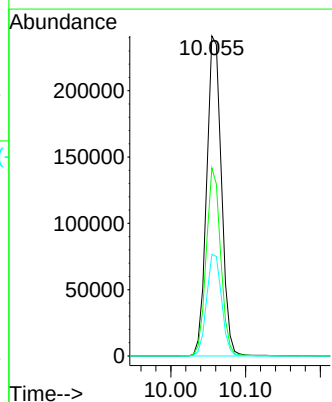
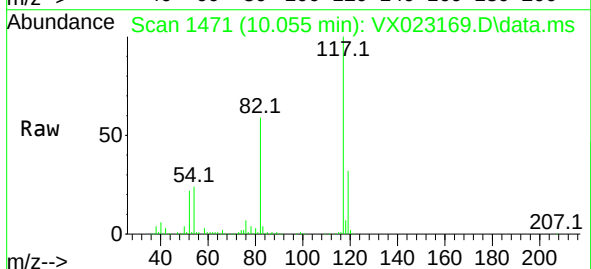
Instrument :
MSVOA_X
ClientSampleId :

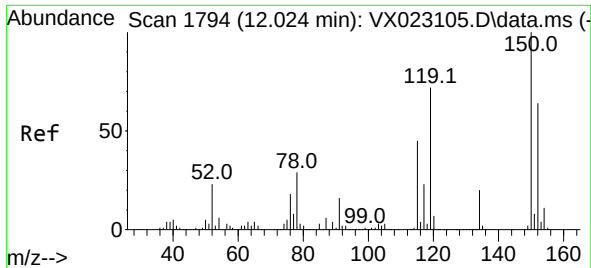
Tgt Ion: 95 Resp: 161484
Ion Ratio Lower Upper
95 100
174 76.7 0.0 154.6
176 73.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

Tgt Ion: 117 Resp: 331405
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.8 26.6 39.8

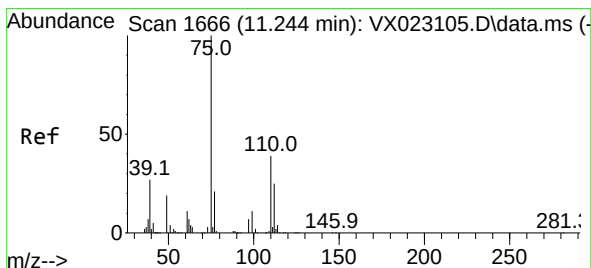
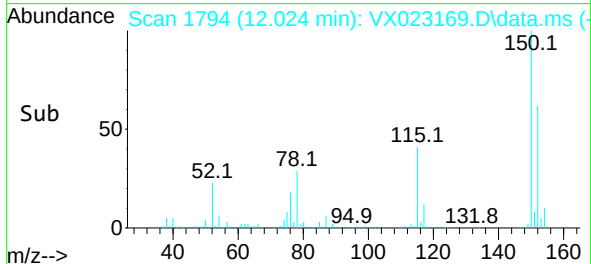
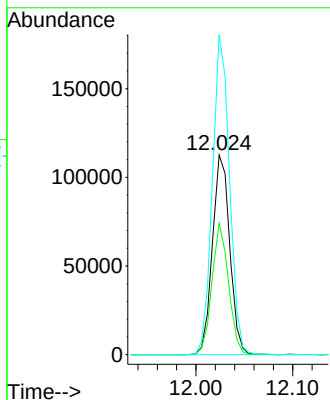
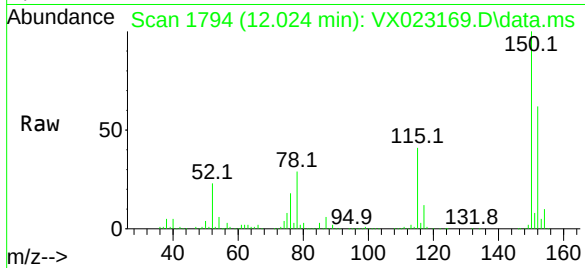




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

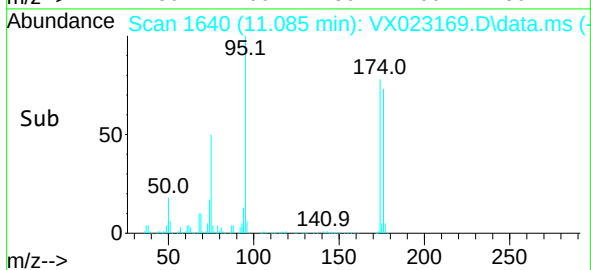
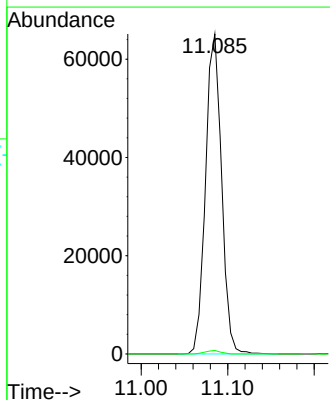
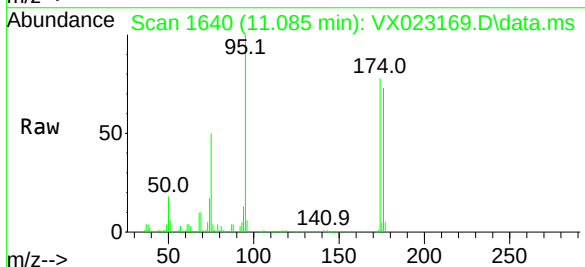
Instrument :
MSVOA_X
ClientSampled :

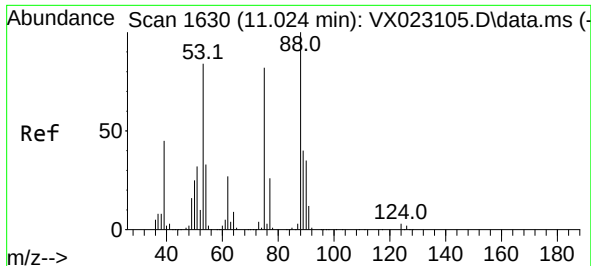
Tgt Ion:152 Resp: 140162
Ion Ratio Lower Upper
152 100
115 62.9 41.1 123.3
150 158.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.619 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

Tgt Ion: 75 Resp: 83540
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

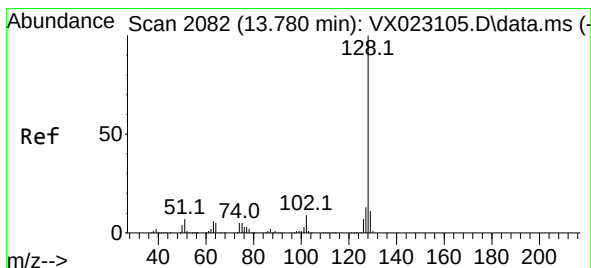
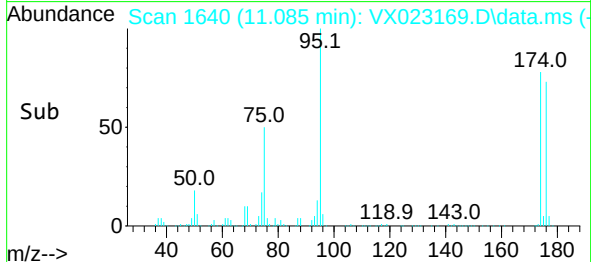
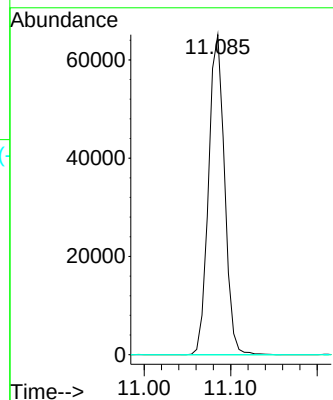
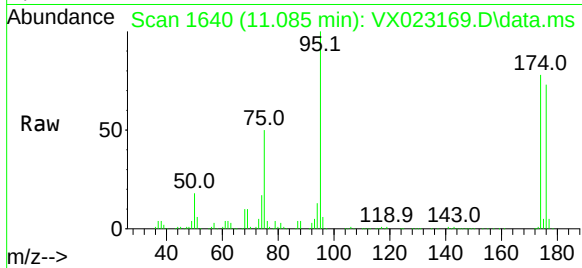




#81
trans-1,4-Dichloro-2-butene
Concen: 79.587 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 83540
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.287 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023169.D
Acq: 07 Jul 2021 13:54

Tgt Ion:128 Resp: 122
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

