

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
 Data File : VX023629.D
 Acq On : 10 Aug 2021 12:04
 Operator : JC/MD
 Sample : M3251-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 02:58:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

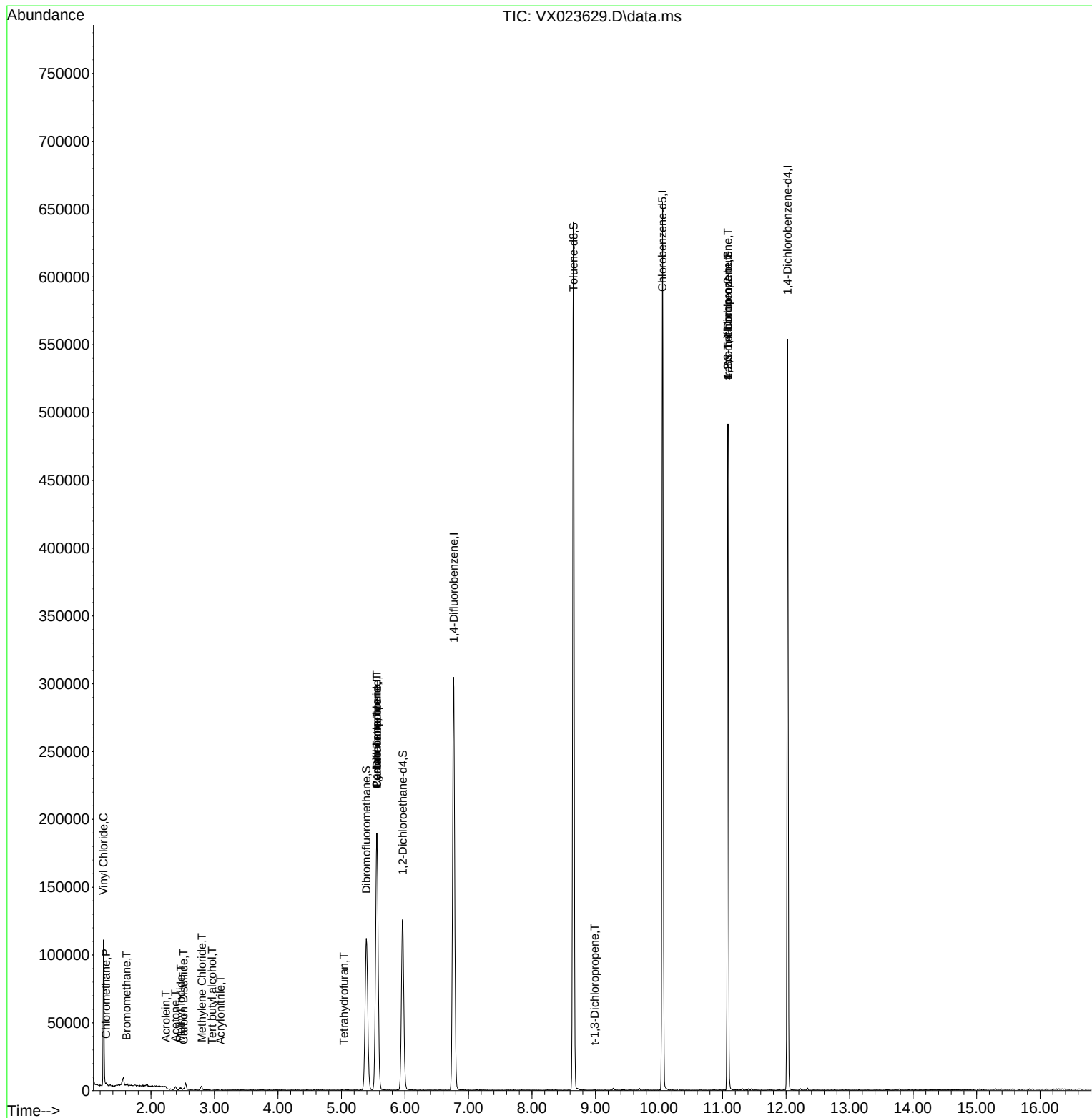
Internal Standards						
1) Pentafluorobenzene	5.556	168	179863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	306085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	121559	54.180	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.360%		
35) Dibromofluoromethane	5.391	113	96676	50.516	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.040%		
50) Toluene-d8	8.653	98	367343	52.244	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.480%		
62) 4-Bromofluorobenzene	11.085	95	126327	52.836	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.680%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	726	0.377	ug/l #	68
4) Vinyl Chloride	1.252	62	821	0.421	ug/l #	18
5) Bromomethane	1.618	94	864	0.746	ug/l #	68
10) Methyl Iodide	2.471	142	1930	0.865	ug/l #	97
11) Tert butyl alcohol	2.965	59	733	1.430	ug/l #	73
13) Acrolein	2.233	56	36	1.501	ug/l #	1
15) Acrylonitrile	3.093	53	321	0.277	ug/l #	18
16) Acetone	2.386	43	2378	2.161	ug/l	89
17) Carbon Disulfide	2.514	76	992	0.228	ug/l #	75
20) Methylene Chloride	2.800	84	1083	0.506	ug/l #	78
29) Tetrahydrofuran	5.038	42	405	0.362	ug/l #	37
31) Cyclohexane	5.556	56	4435	1.334	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	13893	5.018	ug/l #	49
38) Carbon Tetrachloride	5.556	117	18341	6.513	ug/l #	15
53) t-1,3-Dichloropropene	8.988	75	101	1.846	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	66165	27.537	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	66165	74.043	ug/l #	12

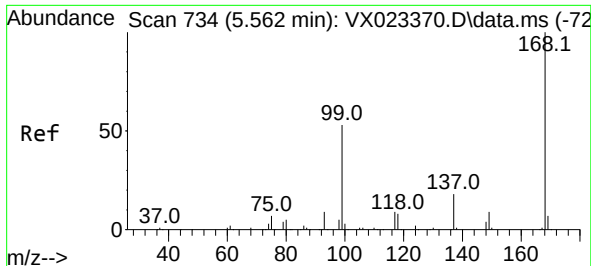
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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Quant Time: Aug 11 02:58:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

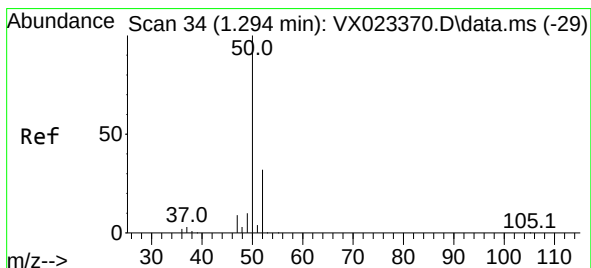
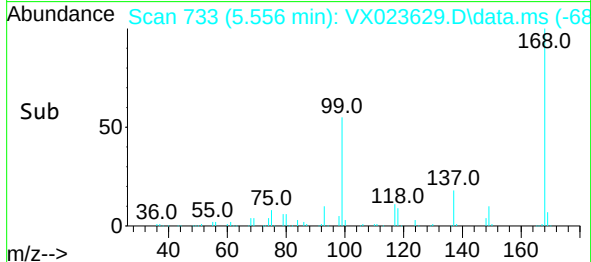
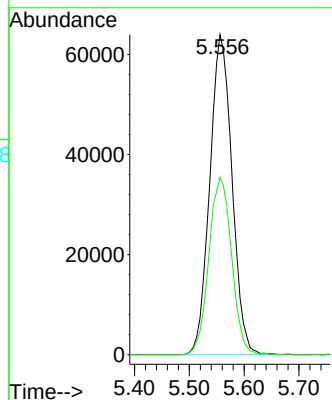
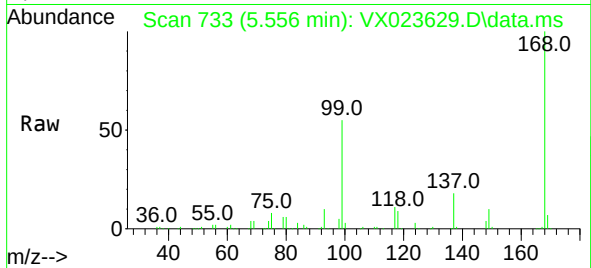




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

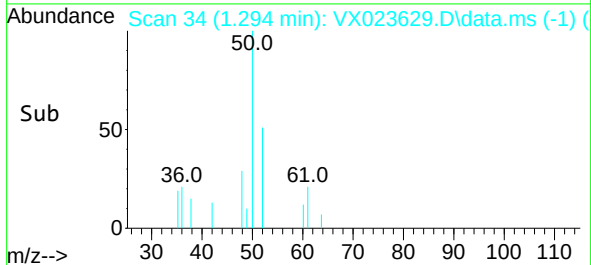
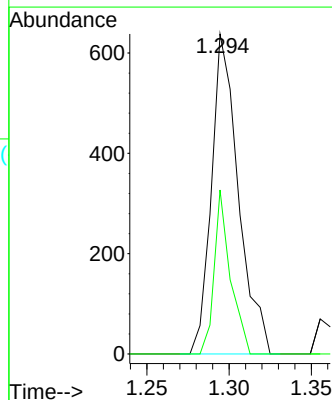
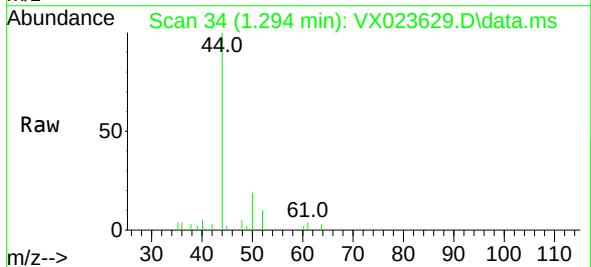
Instrument :
MSVOA_X
ClientSampleId :

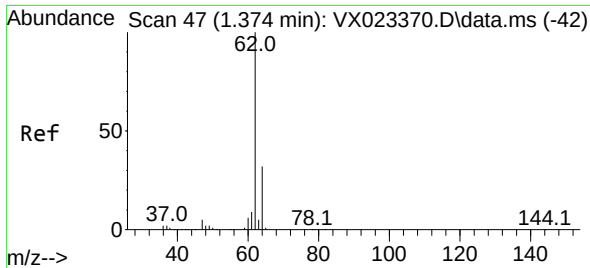
Tgt Ion:168 Resp: 179863
Ion Ratio Lower Upper
168 100
99 55.4 45.8 68.6



#3
Chloromethane
Concen: 0.377 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

Tgt Ion: 50 Resp: 726
Ion Ratio Lower Upper
50 100
52 51.3 26.4 39.6#

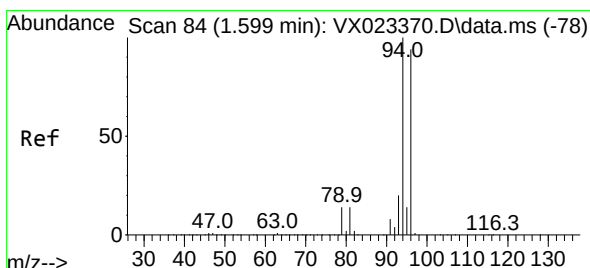
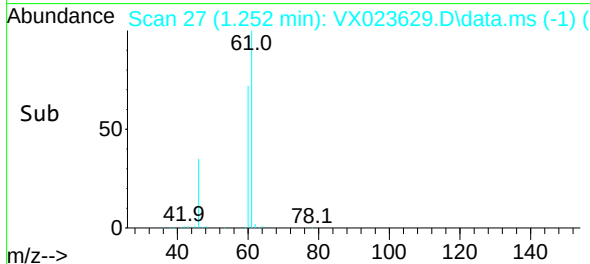
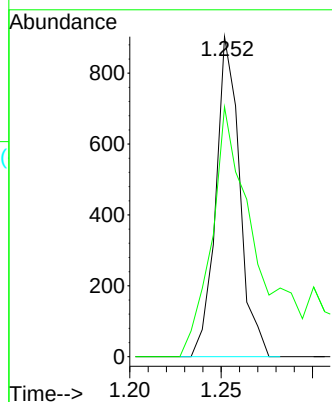
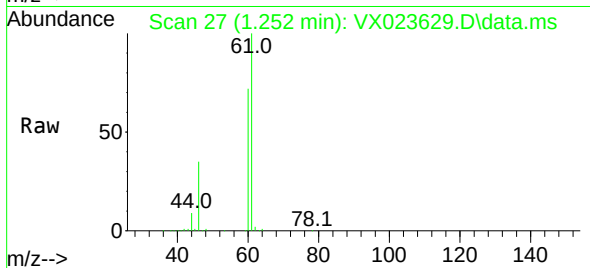




#4
 Vinyl Chloride
 Concen: 0.421 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023629.D
 Acq: 10 Aug 2021 12:04

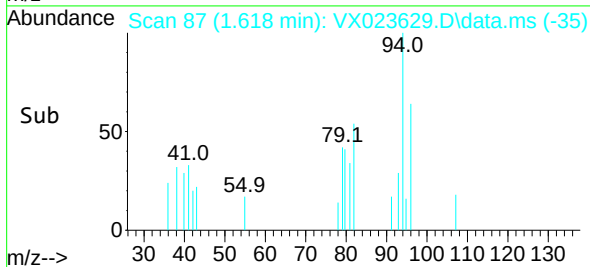
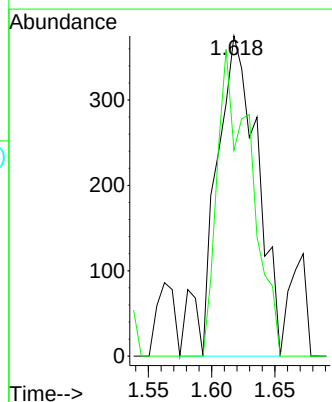
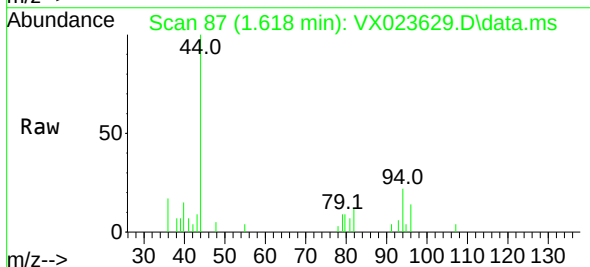
Instrument :
 MSVOA_X
 ClientSampled :

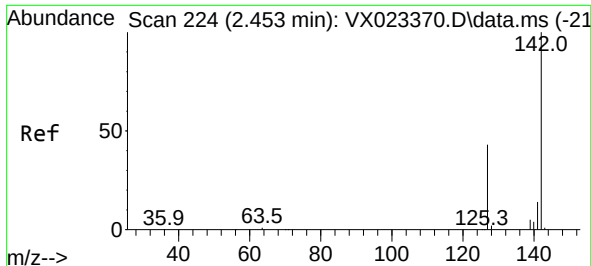
Tgt Ion: 62 Resp: 821
 Ion Ratio Lower Upper
 62 100
 64 78.1 25.7 38.5#



#5
 Bromomethane
 Concen: 0.746 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX023629.D
 Acq: 10 Aug 2021 12:04

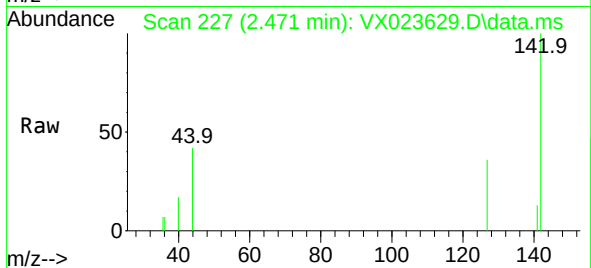
Tgt Ion: 94 Resp: 864
 Ion Ratio Lower Upper
 94 100
 96 64.3 76.4 114.6#



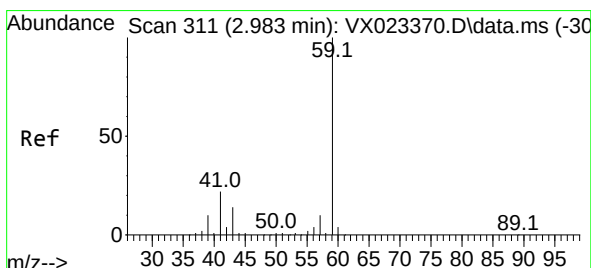
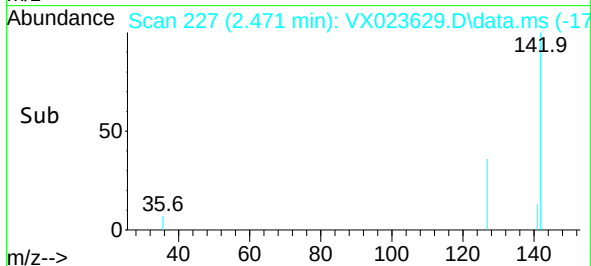
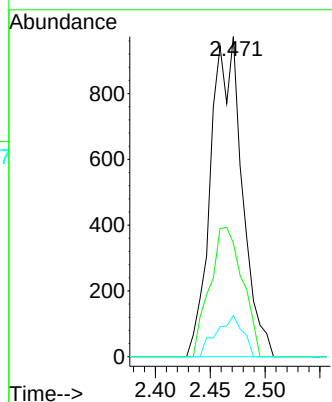


#10
Methyl Iodide
Concen: 0.865 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

Instrument :
MSVOA_X
ClientSampled :

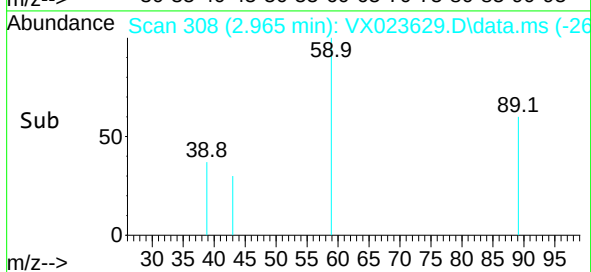
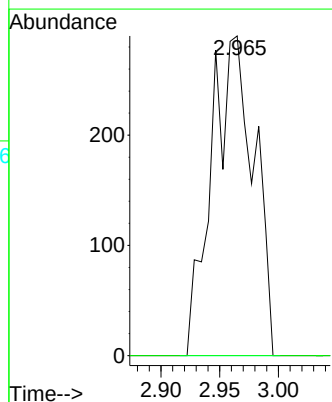
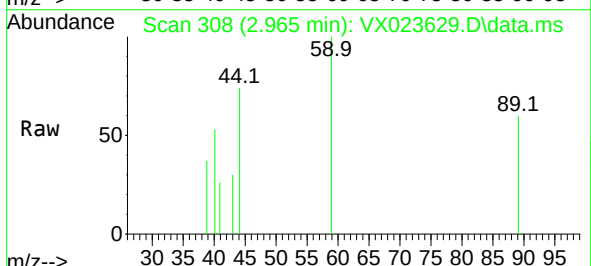


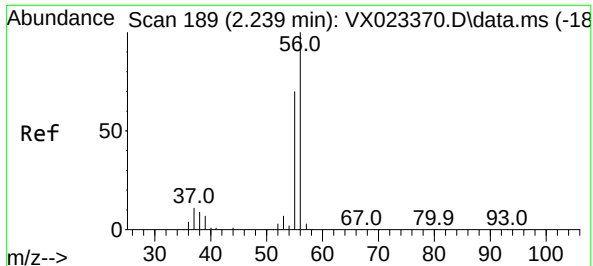
Tgt Ion:142 Resp: 1930
Ion Ratio Lower Upper
142 100
127 42.3 33.3 49.9
141 10.9 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.430 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

Tgt Ion: 59 Resp: 733
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

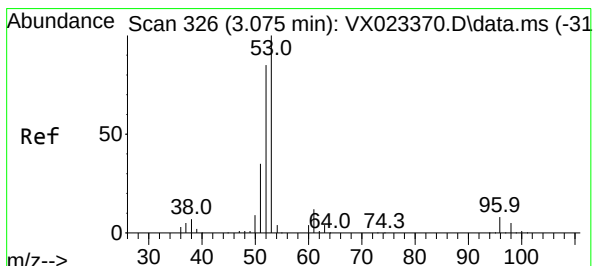
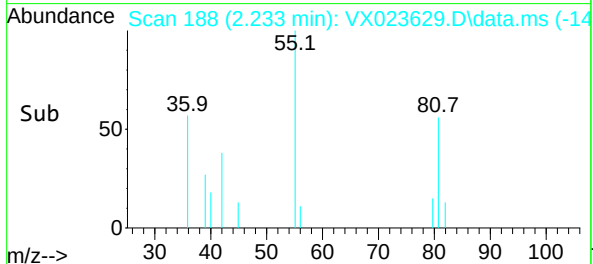
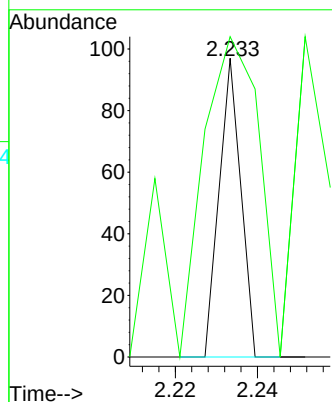
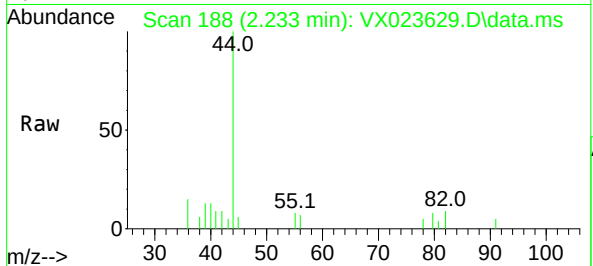




#13
Acrolein
Concen: 1.501 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

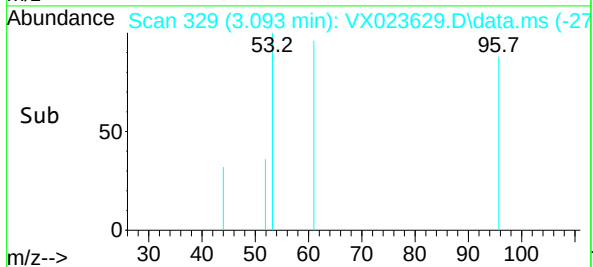
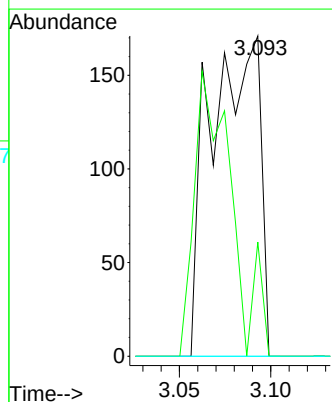
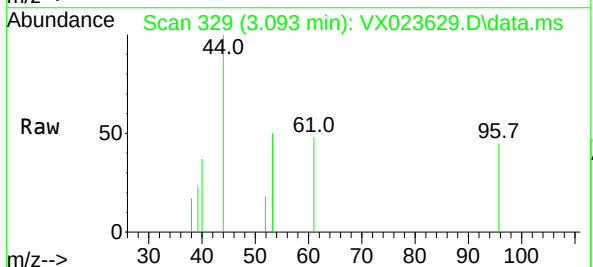
Instrument :
MSVOA_X
ClientSampled :

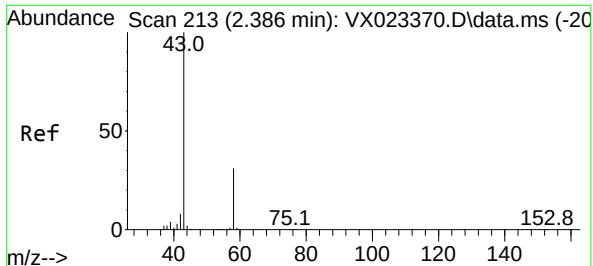
Tgt Ion: 56 Resp: 36
Ion Ratio Lower Upper
56 100
55 269.4 56.4 84.6#



#15
Acrylonitrile
Concen: 0.277 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.018 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

Tgt Ion: 53 Resp: 321
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.2 42.2#

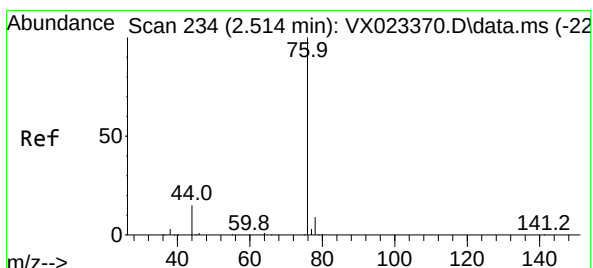
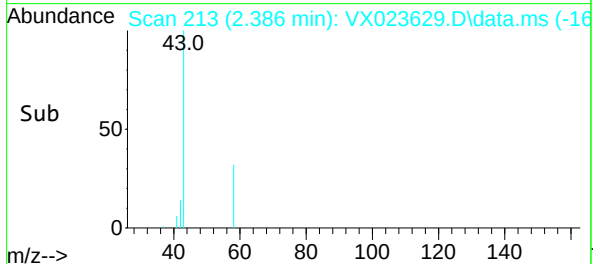
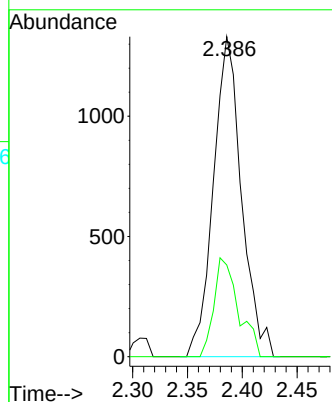
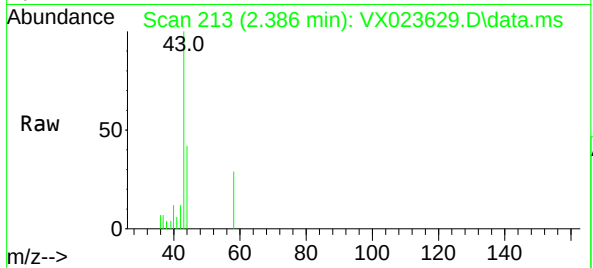




#16
Acetone
Concen: 2.161 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

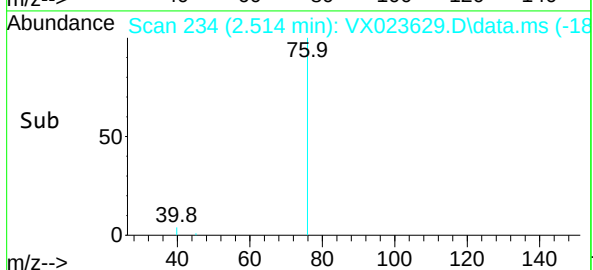
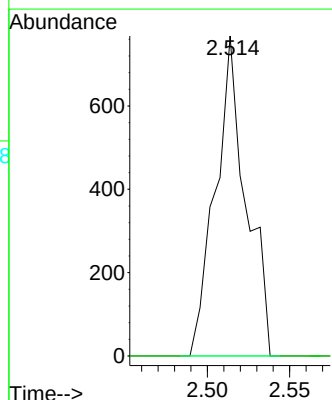
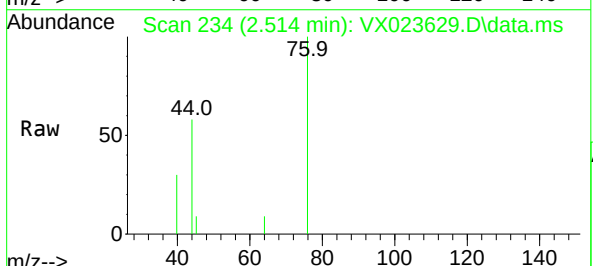
Instrument :
MSVOA_X
ClientSampled :

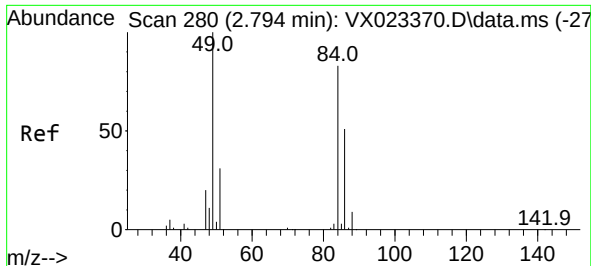
Tgt Ion: 43 Resp: 2378
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8



#17
Carbon Disulfide
Concen: 0.228 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

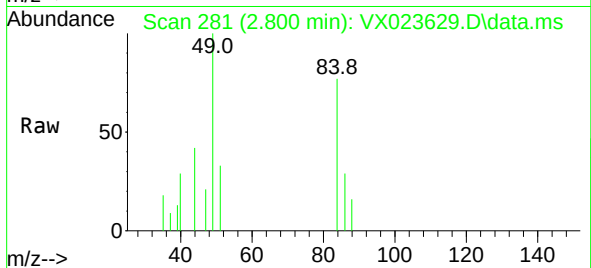
Tgt Ion: 76 Resp: 992
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



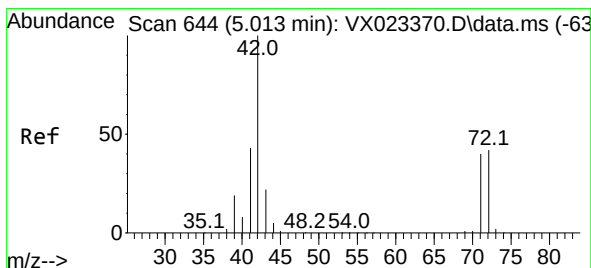
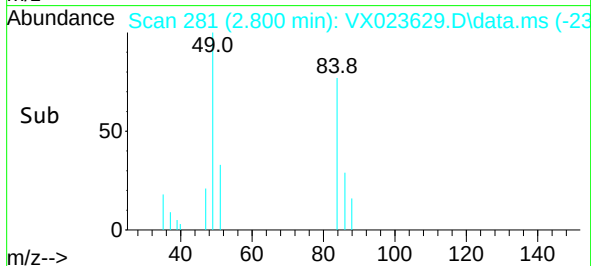
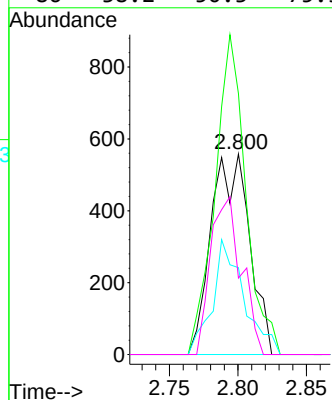


#20
Methylene Chloride
Concen: 0.506 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

Instrument :
MSVOA_X
ClientSampled :

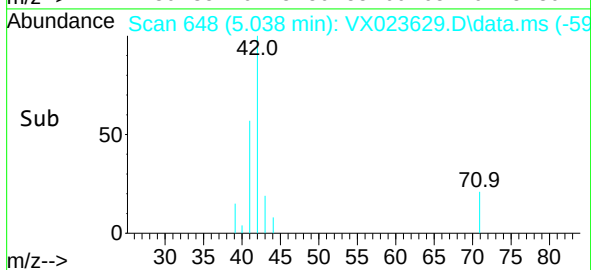
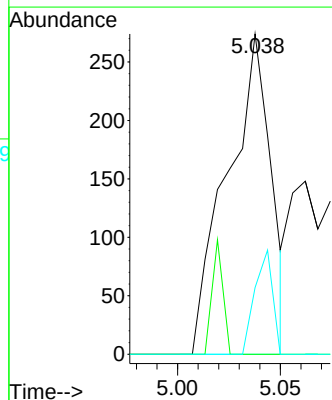
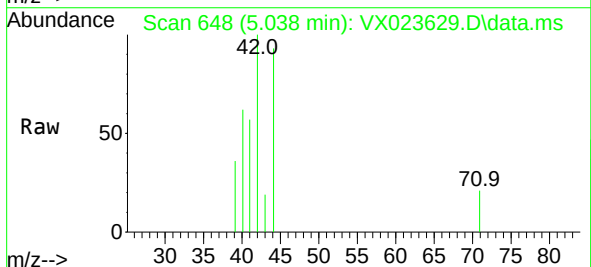


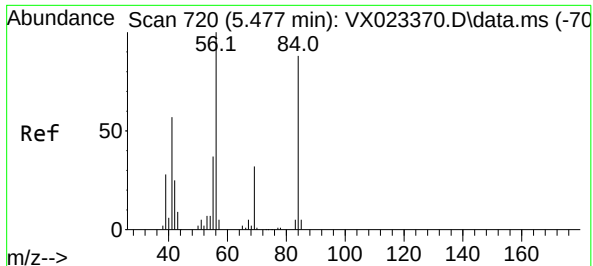
Tgt Ion:	84	Resp:	1083
Ion	Ratio	Lower	Upper
84	100		
49	130.1	88.6	132.8
51	43.4	27.0	40.6#
86	38.2	50.3	75.5#



#29
Tetrahydrofuran
Concen: 0.362 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

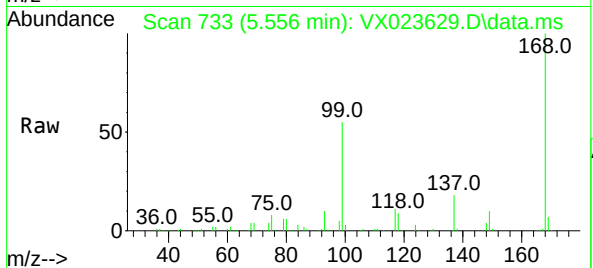
Tgt Ion:	42	Resp:	405
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	13.1	38.4	57.6#



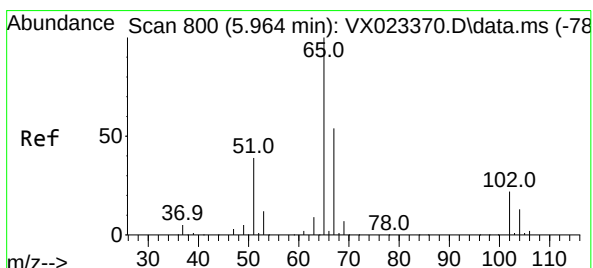
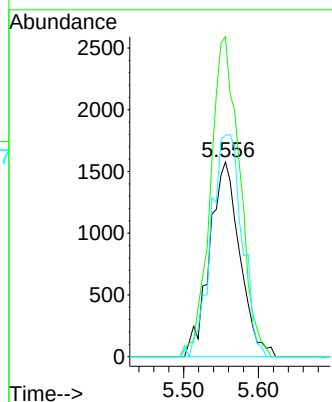
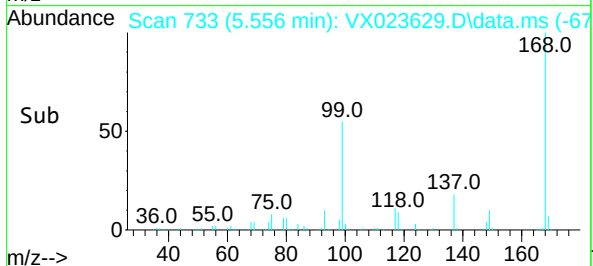


#31
Cyclohexane
Concen: 1.334 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

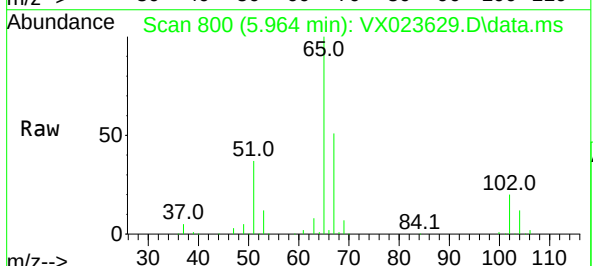
Instrument :
MSVOA_X
ClientSampled :



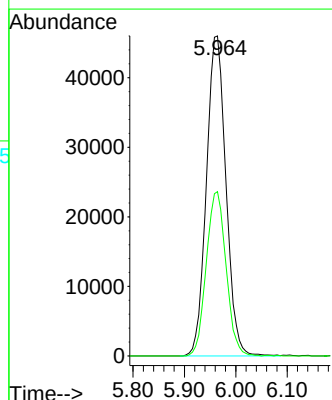
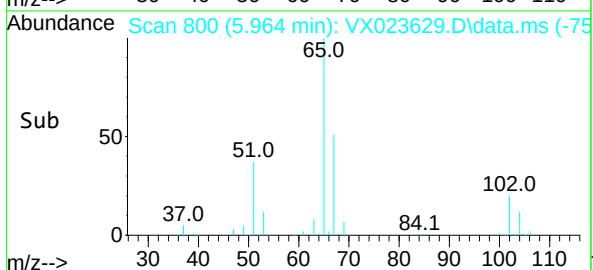
Tgt Ion: 56 Resp: 4435
Ion Ratio Lower Upper
56 100
69 164.4 25.3 37.9#
84 113.6 71.4 107.0#

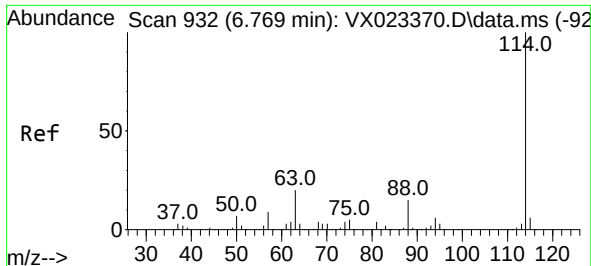


#33
1,2-Dichloroethane-d4
Concen: 54.180 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04



Tgt Ion: 65 Resp: 121559
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

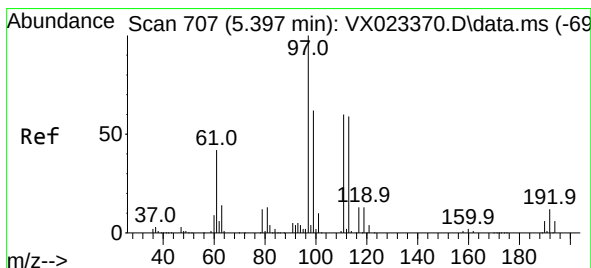
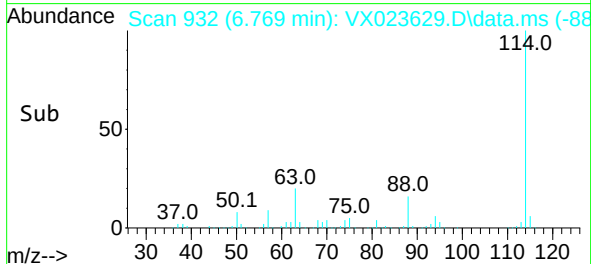
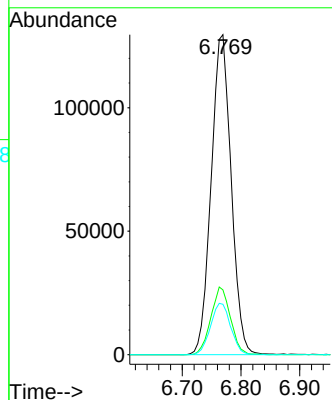
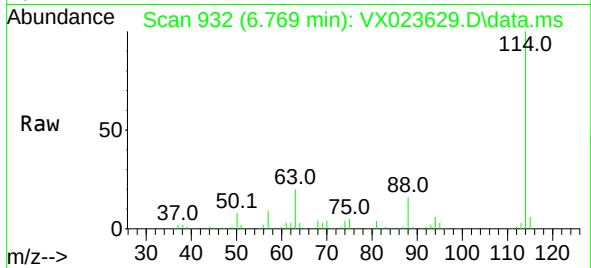




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

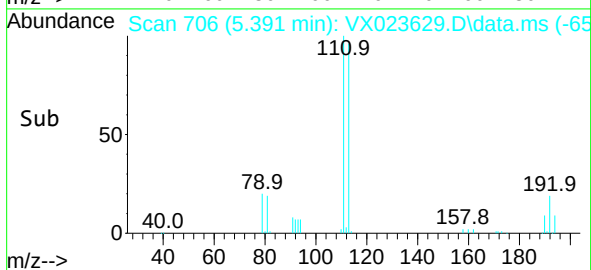
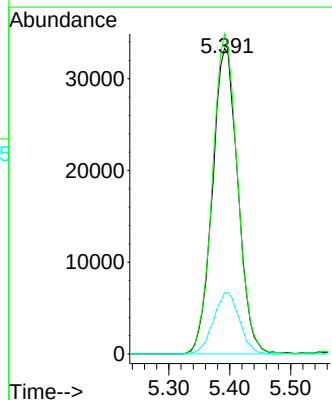
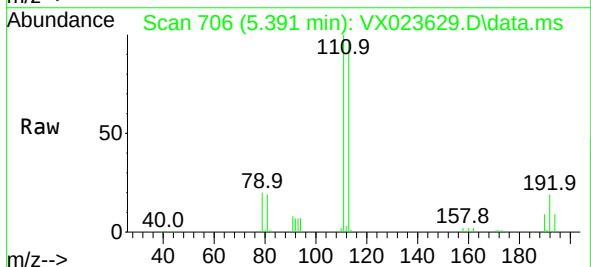
Instrument :
MSVOA_X
ClientSampled :

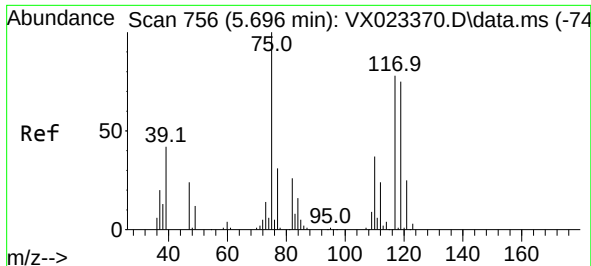
Tgt Ion:114 Resp: 306085
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.516 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

Tgt Ion:113 Resp: 96676
Ion Ratio Lower Upper
113 100
111 103.6 81.9 122.9
192 20.4 16.7 25.1

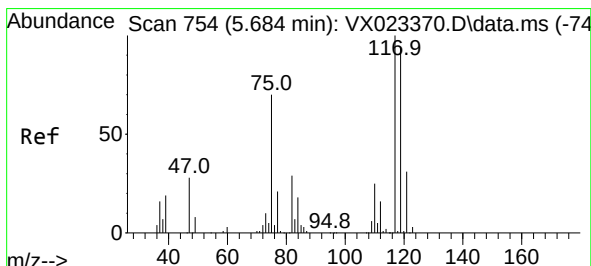
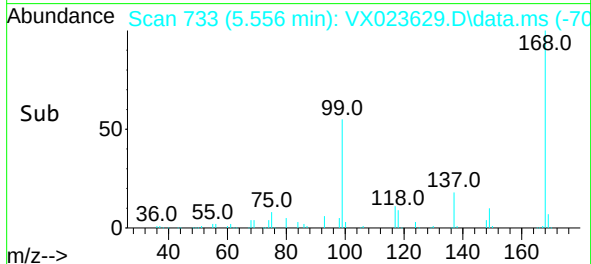
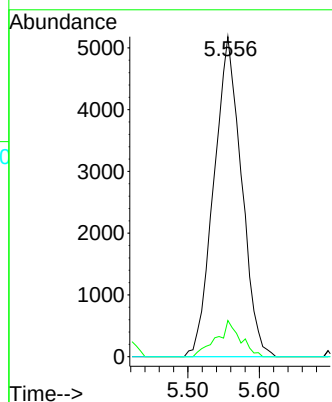
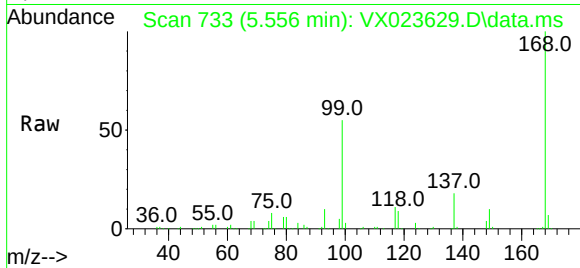




#36
1,1-Dichloropropene
Concen: 5.018 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

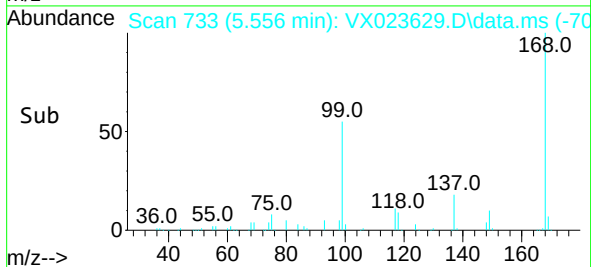
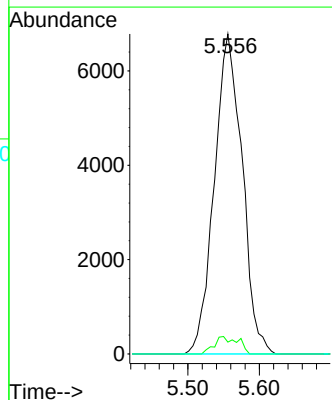
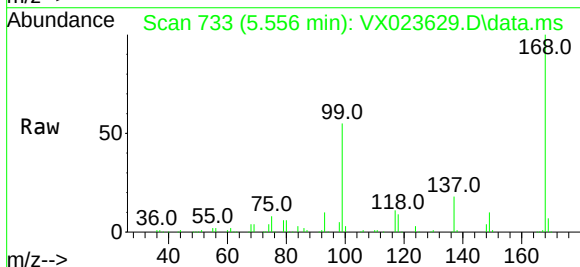
Instrument :
MSVOA_X
ClientSampled :

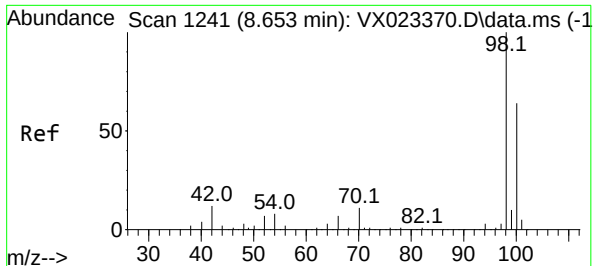
Tgt Ion: 75 Resp: 13893
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.513 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

Tgt Ion: 117 Resp: 18341
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.244 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023629.D

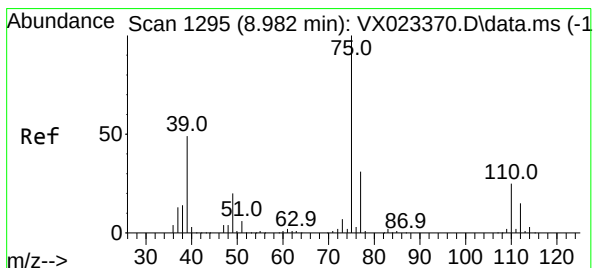
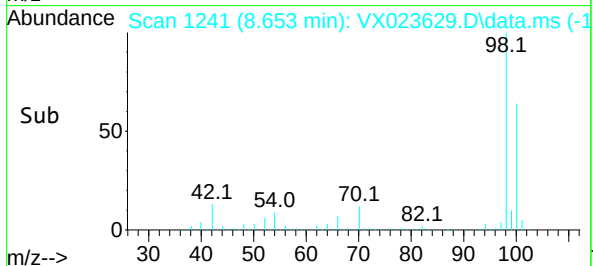
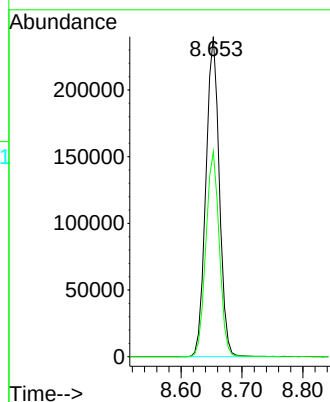
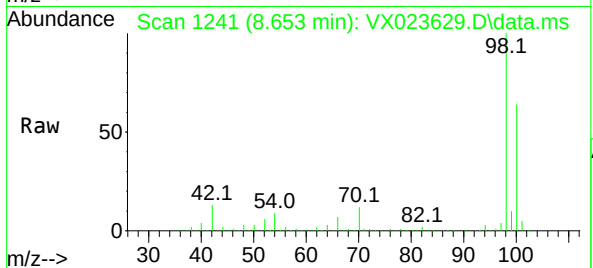
Acq: 10 Aug 2021 12:04

Tgt Ion: 98 Resp: 367343

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#53

t-1,3-Dichloropropene

Concen: 1.846 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VX023629.D

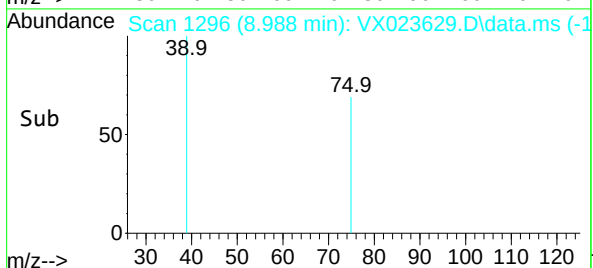
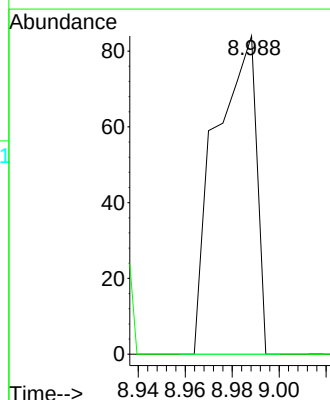
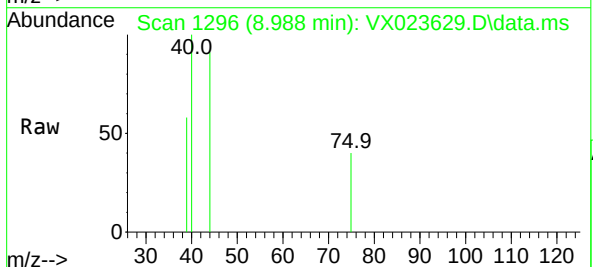
Acq: 10 Aug 2021 12:04

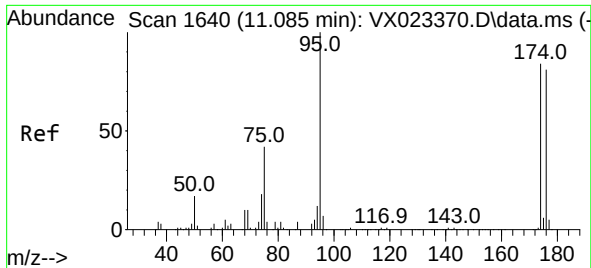
Tgt Ion: 75 Resp: 101

Ion Ratio Lower Upper

75 100

77 0.0 24.9 37.3#

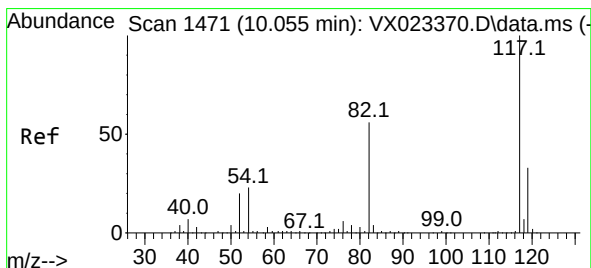
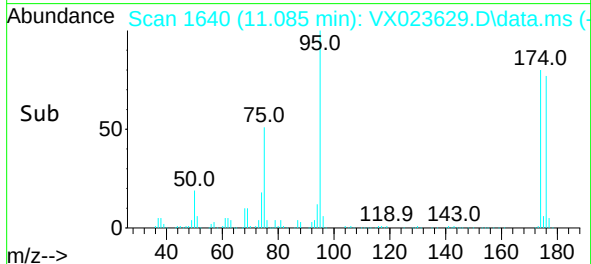
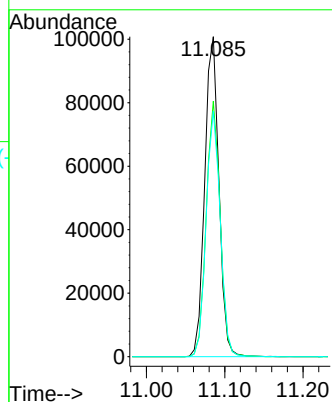
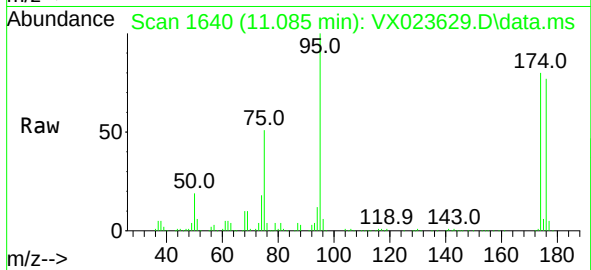




#62
4-Bromofluorobenzene
Concen: 52.836 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

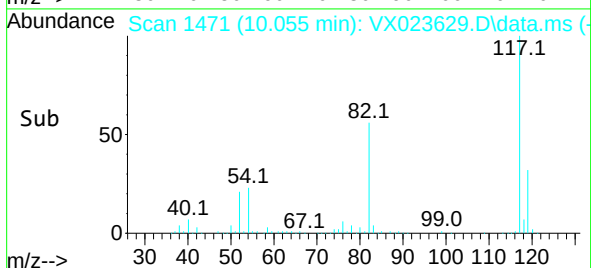
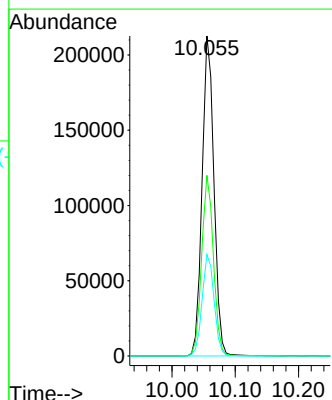
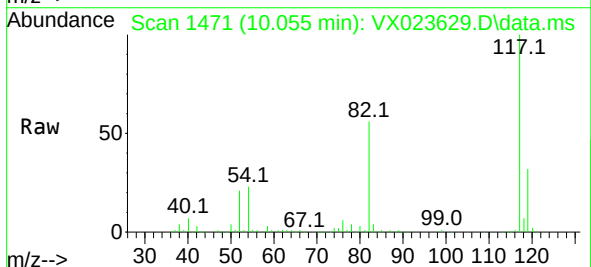
Instrument :
MSVOA_X
ClientSampled :

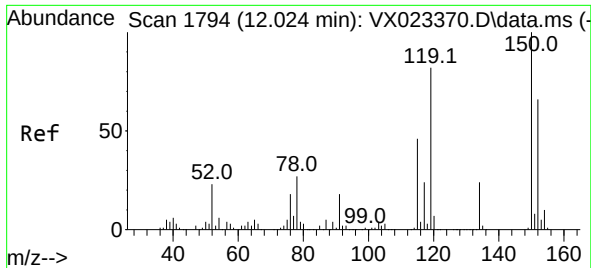
Tgt Ion: 95 Resp: 126327
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 76.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023629.D
Acq: 10 Aug 2021 12:04

Tgt Ion: 117 Resp: 277857
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.7 26.6 39.8

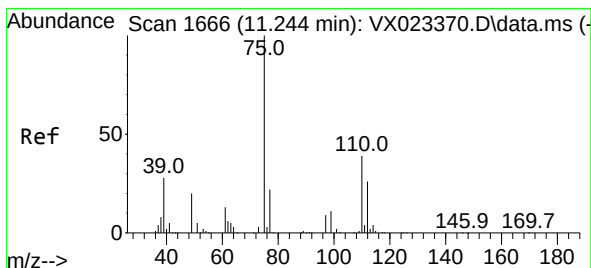
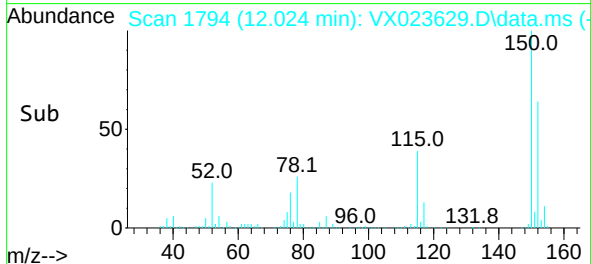
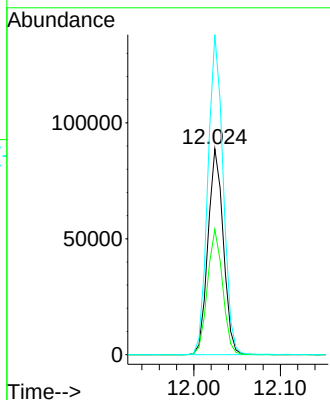
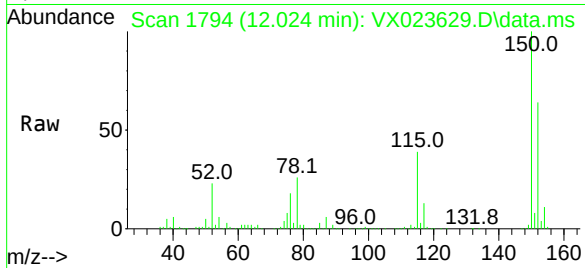




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023629.D
 Acq: 10 Aug 2021 12:04

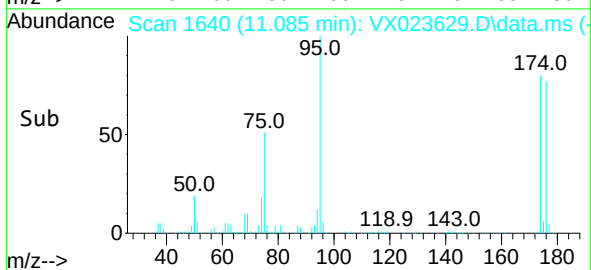
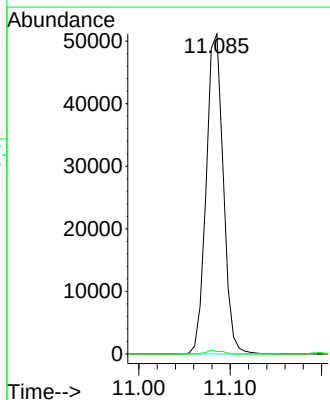
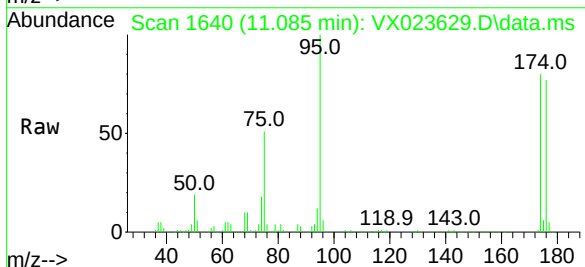
Instrument :
 MSVOA_X
 ClientSampleId :

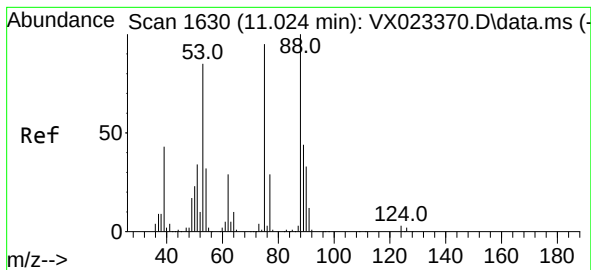
Tgt Ion:152 Resp: 109189
 Ion Ratio Lower Upper
 152 100
 115 60.0 41.1 123.3
 150 154.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.537 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023629.D
 Acq: 10 Aug 2021 12:04

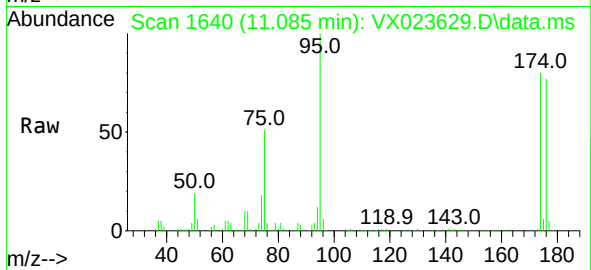
Tgt Ion: 75 Resp: 66165
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.043 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023629.D
 Acq: 10 Aug 2021 12:04

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	66165
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

