

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072721\
 Data File : VX023472.D
 Acq On : 27 Jul 2021 13:15
 Operator : JC/MD
 Sample : M3146-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 00:50:53 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)

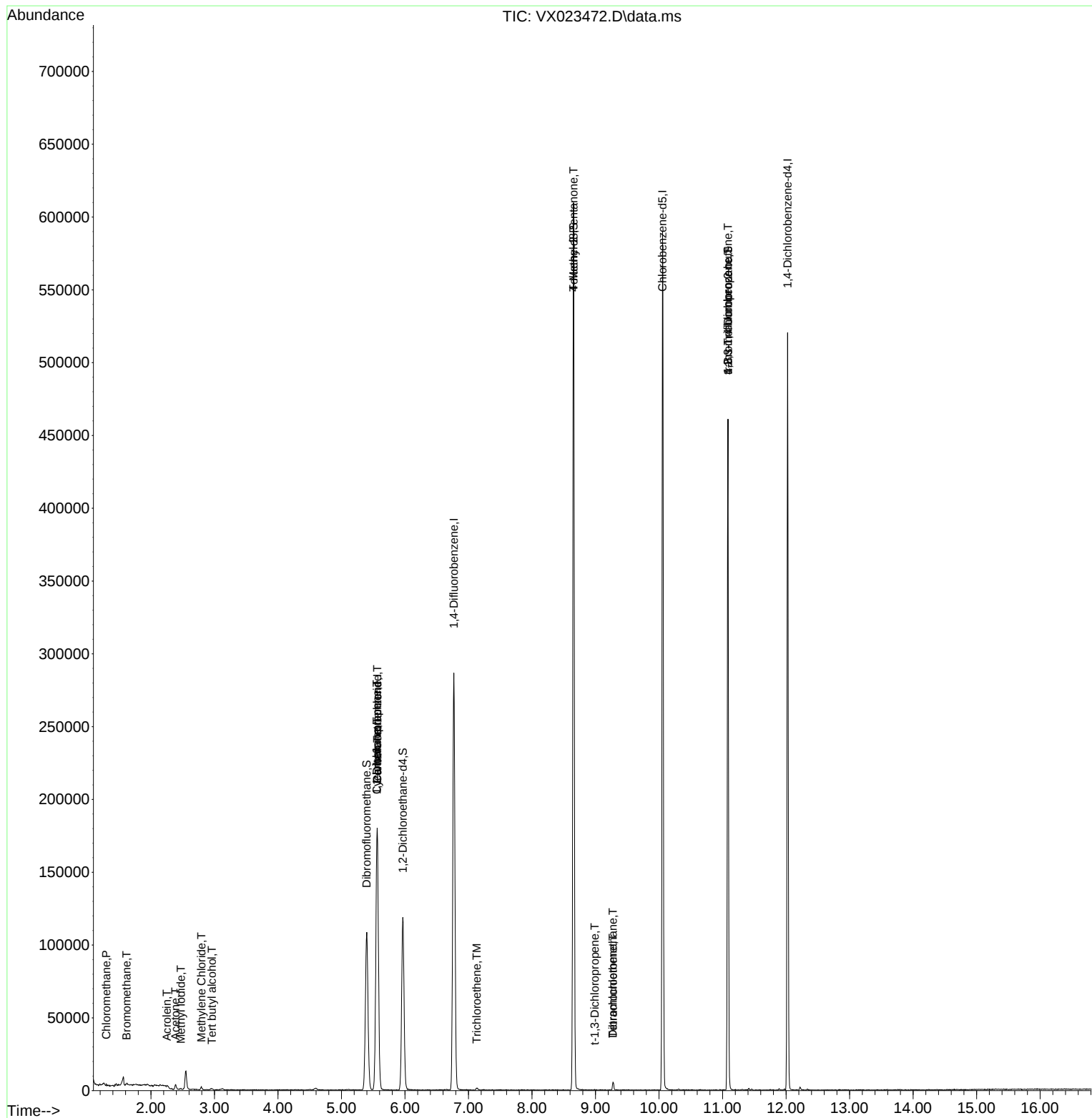
Internal Standards						
1) Pentafluorobenzene	5.562	168	173461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	294141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112989	52.219	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.440%		
35) Dibromofluoromethane	5.397	113	92647	50.376	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.760%		
50) Toluene-d8	8.653	98	349776	51.766	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.540%		
62) 4-Bromofluorobenzene	11.085	95	113874	49.562	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.120%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	547	0.294	ug/l	99
5) Bromomethane	1.618	94	532	0.476	ug/l #	73
10) Methyl Iodide	2.471	142	839	0.390	ug/l #	93
11) Tert butyl alcohol	2.959	59	575	1.163	ug/l #	73
13) Acrolein	2.252	56	38	1.514	ug/l #	14
16) Acetone	2.386	43	3222	3.036	ug/l	89
20) Methylene Chloride	2.794	84	858	0.416	ug/l #	87
31) Cyclohexane	5.556	56	3970	1.239	ug/l #	33
36) 1,1-Dichloropropene	5.556	75	13040	4.901	ug/l #	50
38) Carbon Tetrachloride	5.562	117	17623	6.513	ug/l #	17
44) Trichloroethene	7.129	130	639	0.295	ug/l	60
51) 4-Methyl-2-Pentanone	8.653	43	1775	0.558	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	97	1.846	ug/l #	44
60) Dibromochloromethane	9.275	129	961	2.404	ug/l #	11
64) Tetrachloroethene	9.275	164	944	0.452	ug/l #	80
76) 1,2,3-Trichloropropane	11.085	75	58538	25.704	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58538	69.116	ug/l #	12

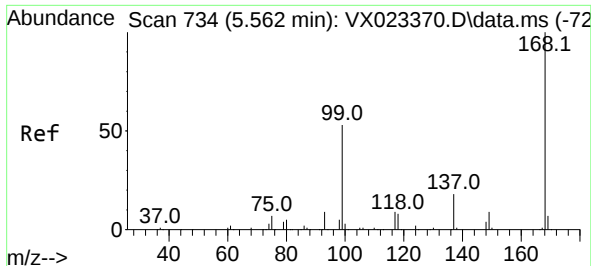
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 28 00:50:53 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

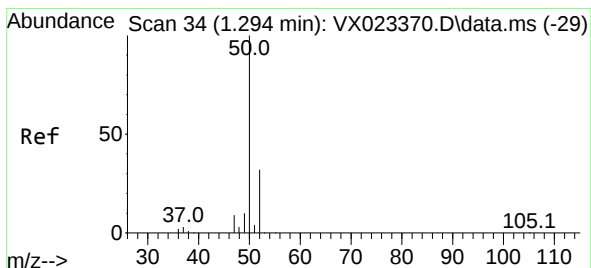
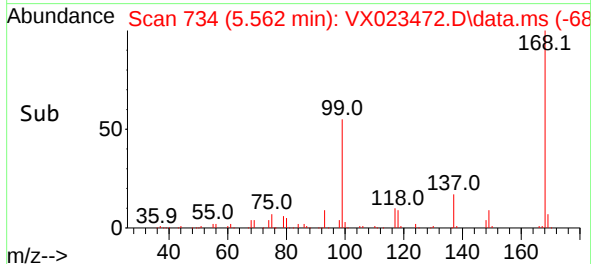
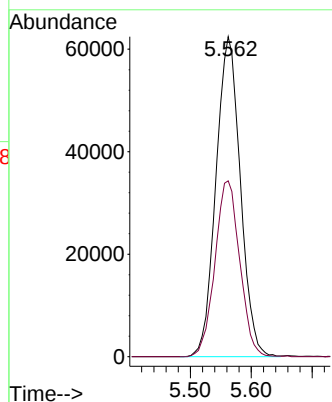
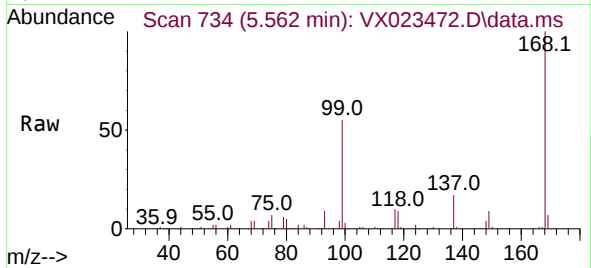




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

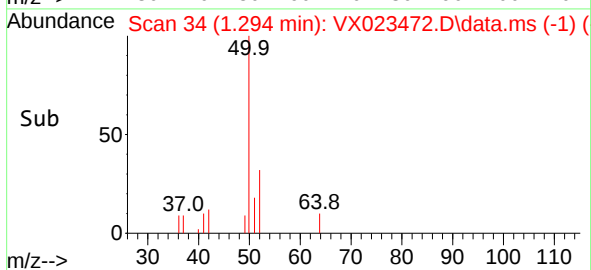
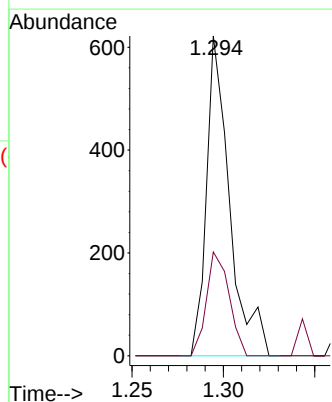
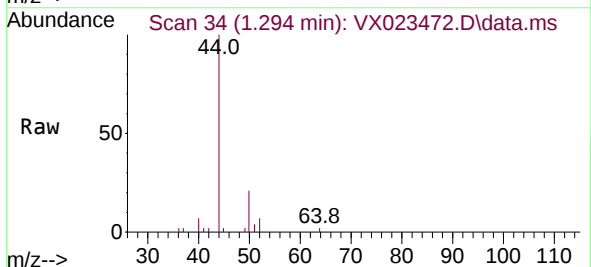
Instrument :
MSVOA_X
ClientSampleId :

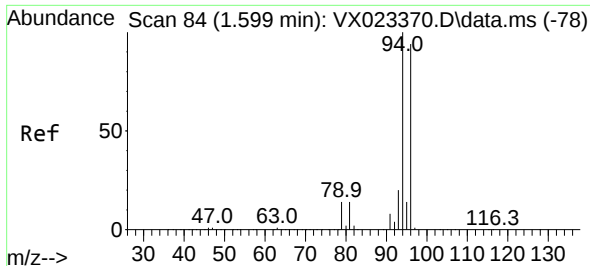
Tgt Ion:168 Resp: 173461
Ion Ratio Lower Upper
168 100
99 55.0 45.8 68.6



#3
Chloromethane
Concen: 0.294 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

Tgt Ion: 50 Resp: 547
Ion Ratio Lower Upper
50 100
52 32.5 26.4 39.6

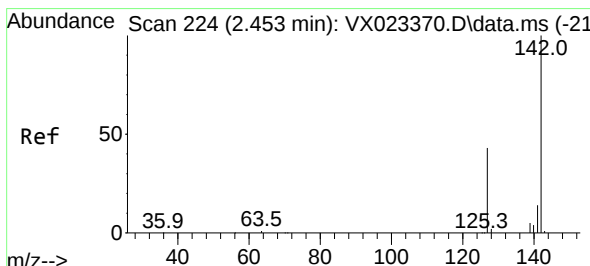
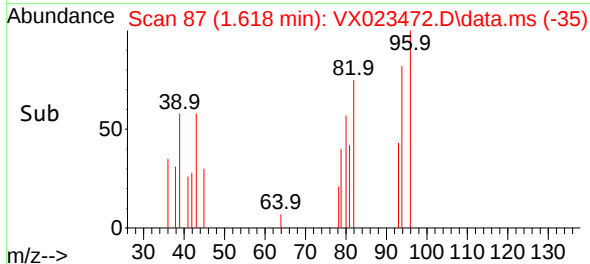
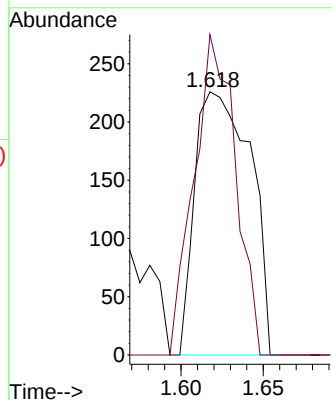
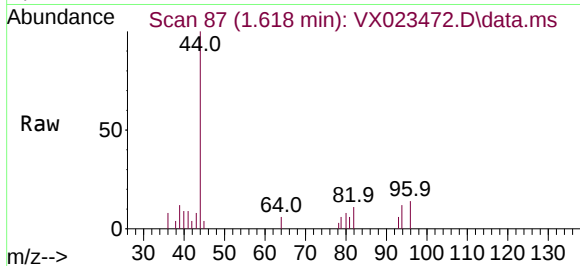




#5
Bromomethane
Concen: 0.476 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

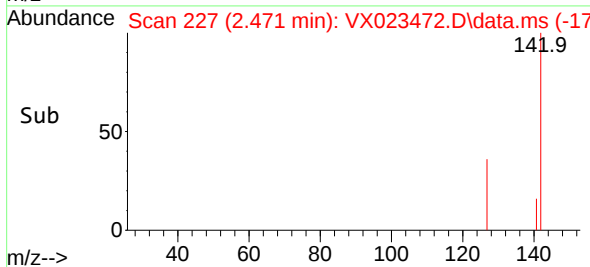
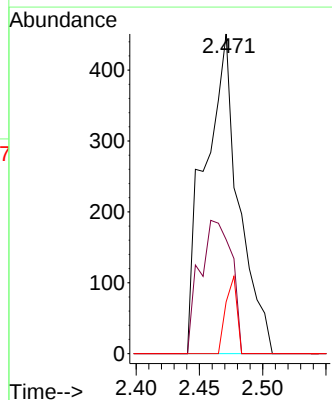
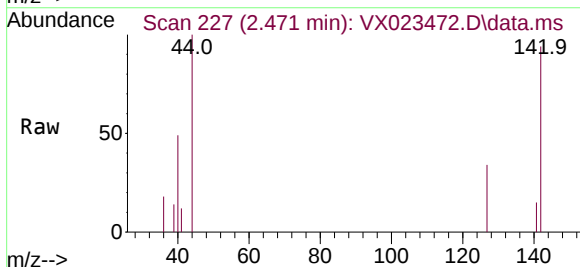
Instrument :
MSVOA_X
ClientSampled :

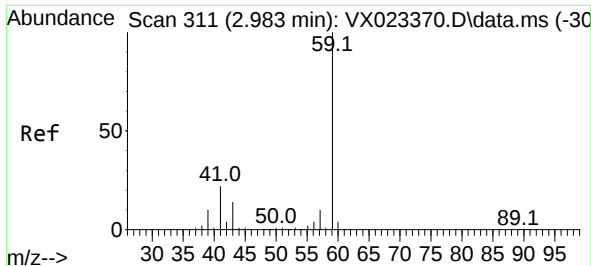
Tgt Ion: 94 Resp: 532
Ion Ratio Lower Upper
94 100
96 121.7 76.4 114.6#



#10
Methyl Iodide
Concen: 0.390 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

Tgt Ion: 142 Resp: 839
Ion Ratio Lower Upper
142 100
127 39.3 33.3 49.9
141 8.0 11.4 17.0#



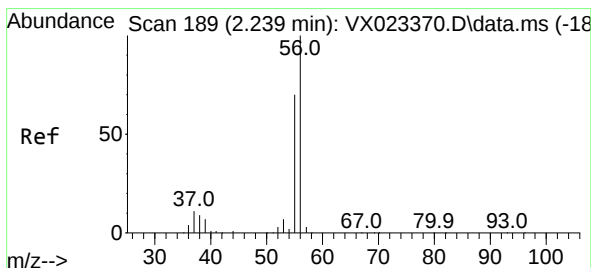
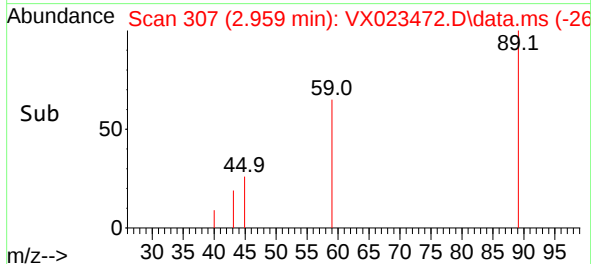
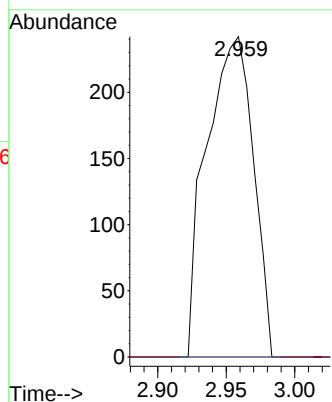
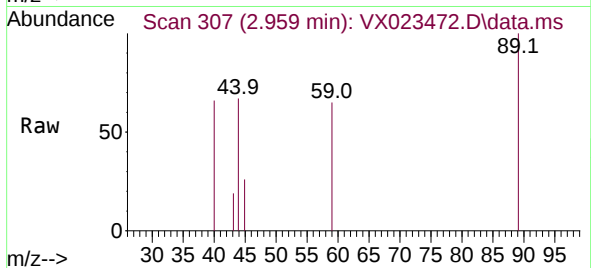


#11

Tert butyl alcohol
Concen: 1.163 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

Instrument :
MSVOA_X
ClientSampled :

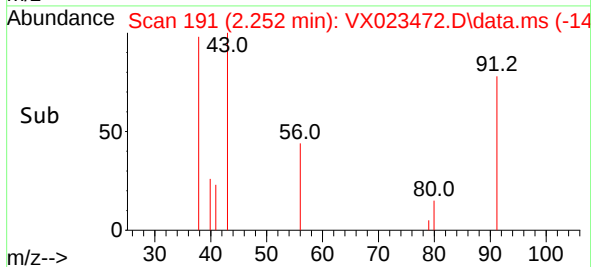
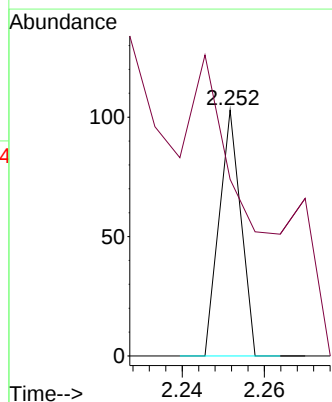
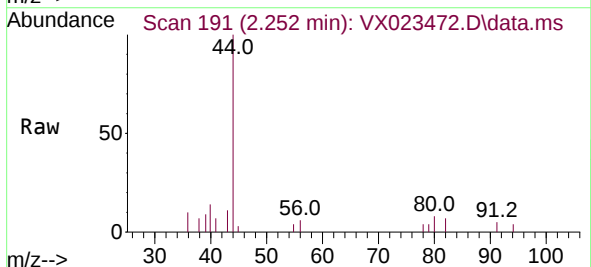
Tgt Ion: 59 Resp: 575
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

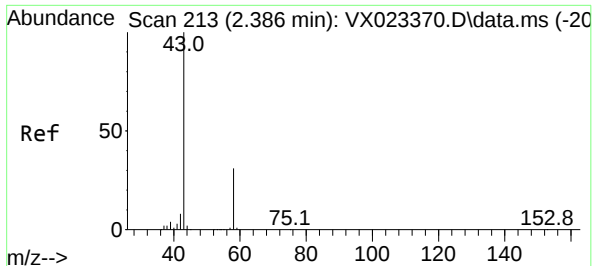


#13

Acrolein
Concen: 1.514 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

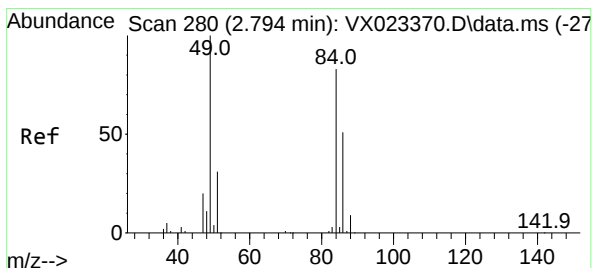
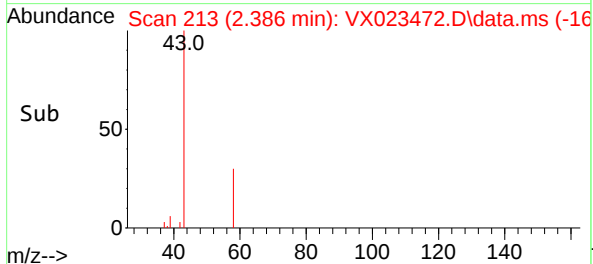
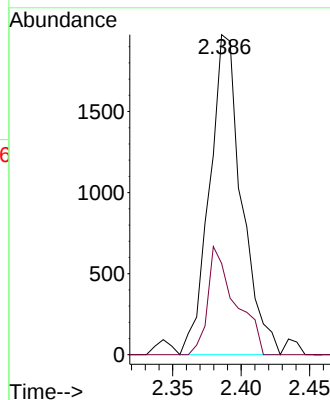
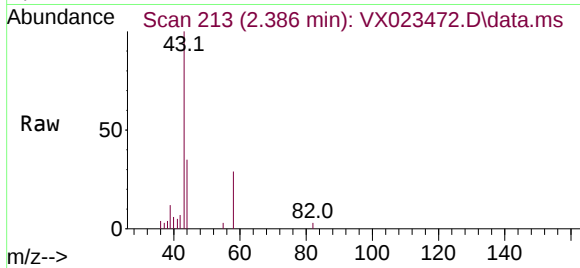




#16
Acetone
Concen: 3.036 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

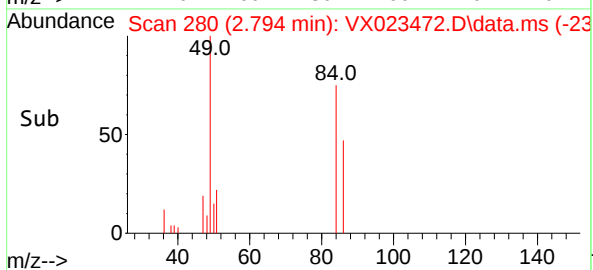
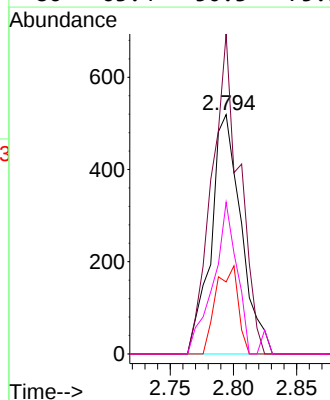
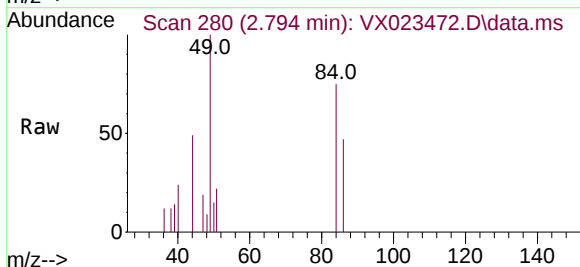
Instrument :
MSVOA_X
ClientSampled :

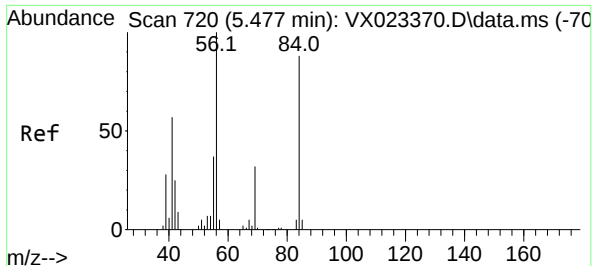
Tgt Ion: 43 Resp: 3222
Ion Ratio Lower Upper
43 100
58 28.5 27.8 41.8



#20
Methylene Chloride
Concen: 0.416 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

Tgt Ion: 84 Resp: 858
Ion Ratio Lower Upper
84 100
49 133.7 88.6 132.8#
51 30.1 27.0 40.6
86 63.4 50.3 75.5

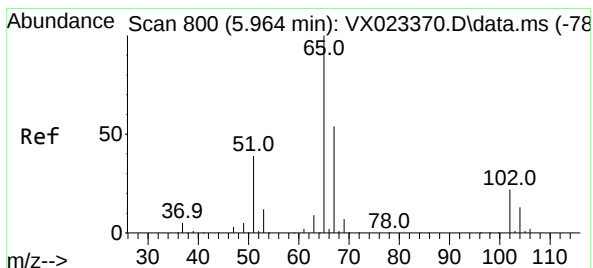
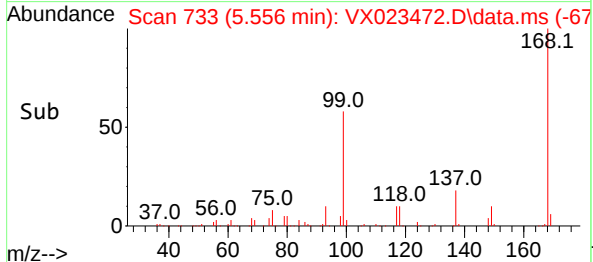
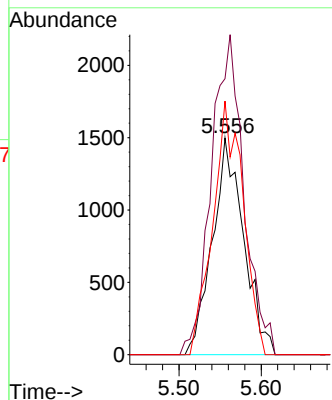
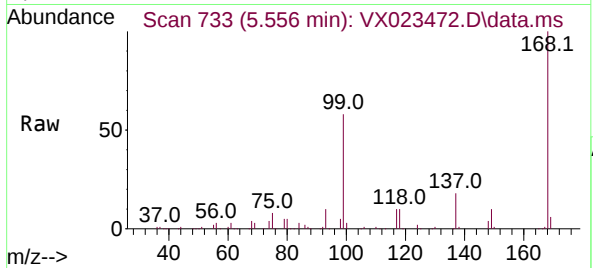




#31
Cyclohexane
Concen: 1.239 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

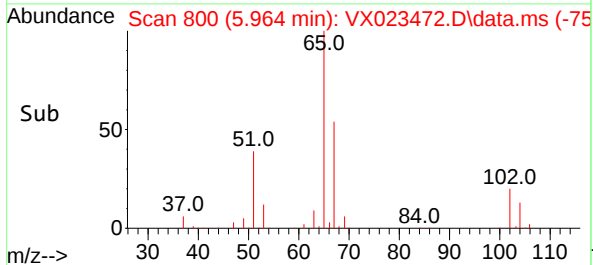
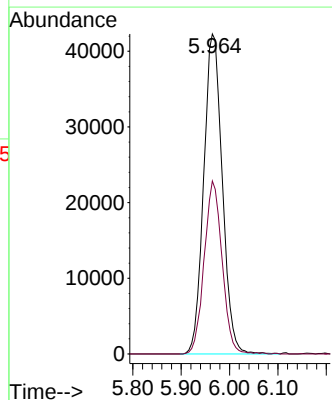
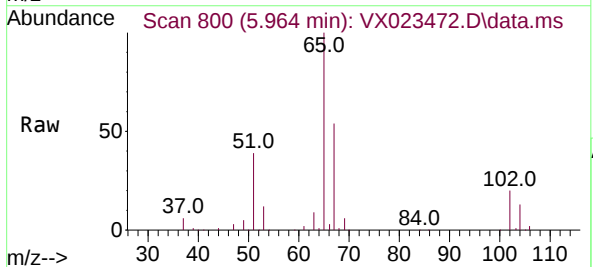
Instrument :
MSVOA_X
ClientSampleId :

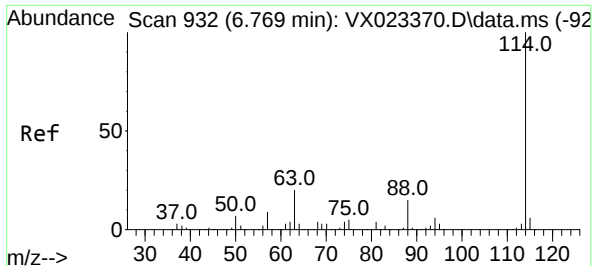
Tgt Ion: 56 Resp: 3970
Ion Ratio Lower Upper
56 100
69 127.4 25.3 37.9#
84 117.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.219 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

Tgt Ion: 65 Resp: 112989
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

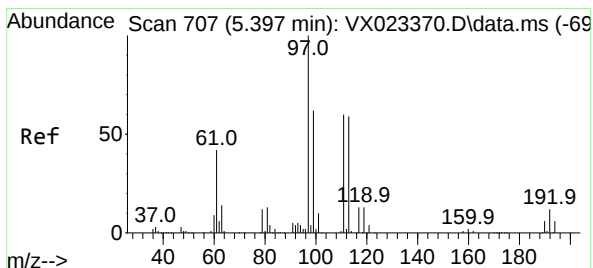
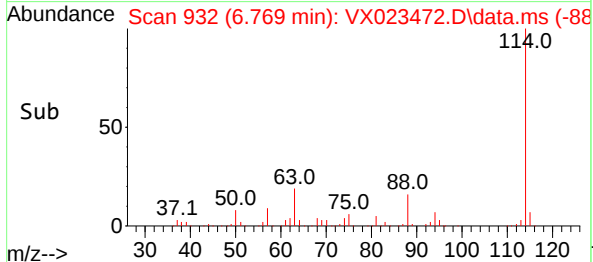
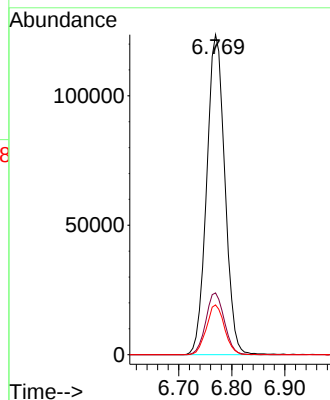
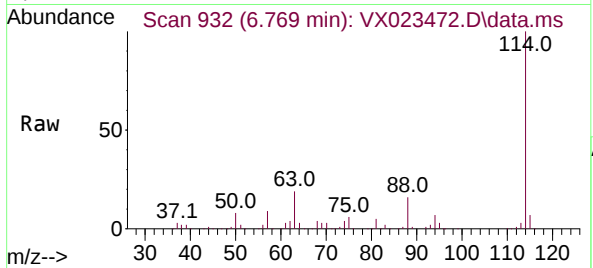




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

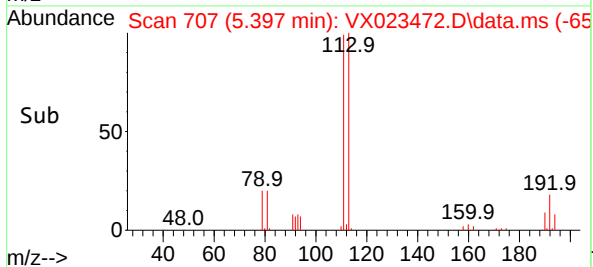
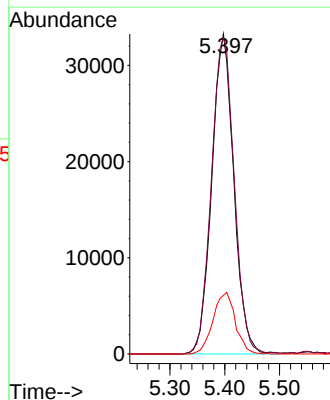
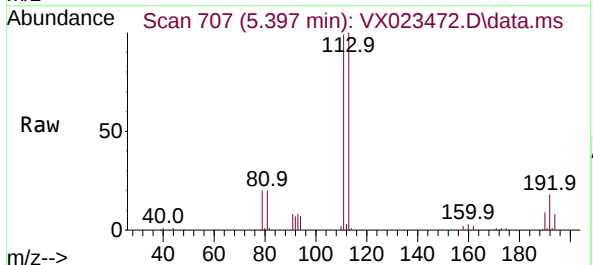
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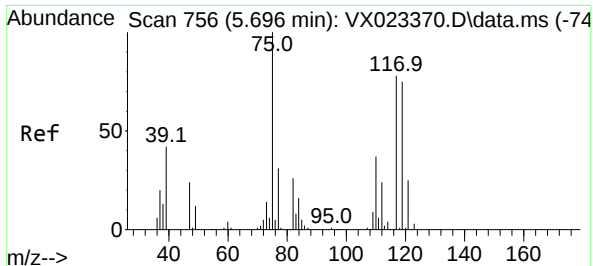
Tgt Ion:114	Resp:	294141
Ion Ratio	Lower	Upper
114	100	
63	19.3	0.0 40.8
88	15.6	0.0 32.8



#35
Dibromofluoromethane
Concen: 50.376 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

Tgt Ion:113	Resp:	92647
Ion Ratio	Lower	Upper
113	100	
111	102.6	81.9 122.9
192	19.5	16.7 25.1

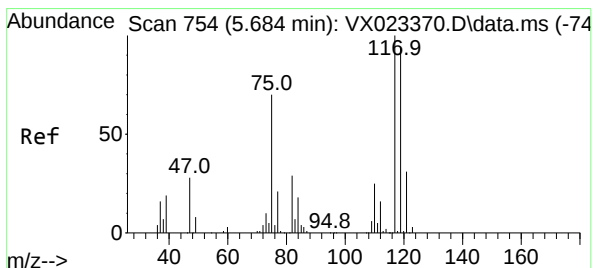
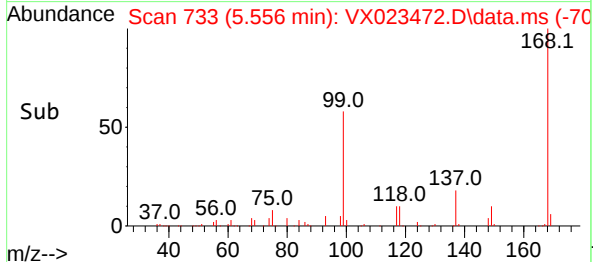
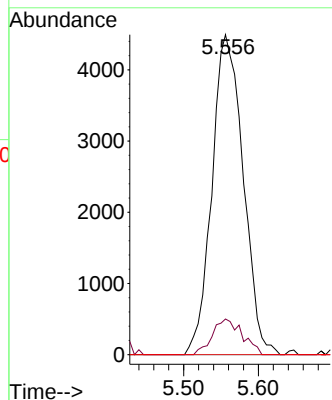
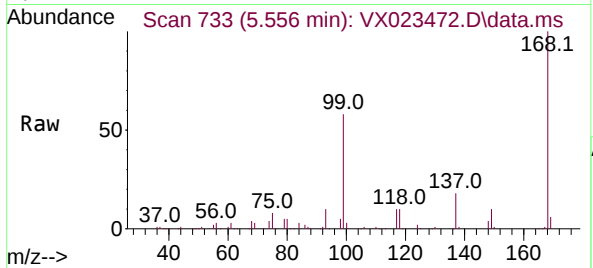




#36
1,1-Dichloropropene
Concen: 4.901 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

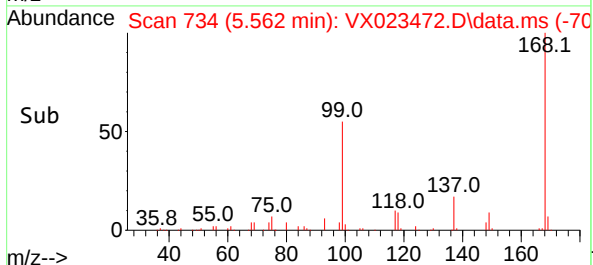
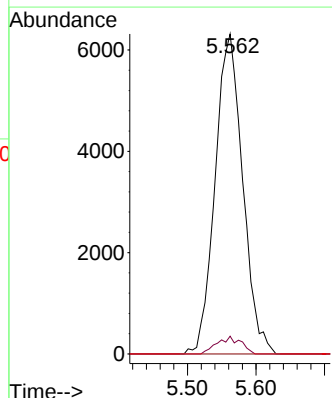
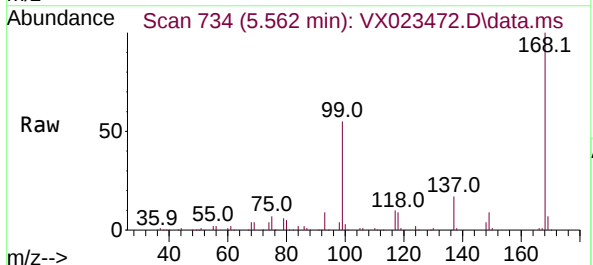
Instrument :
MSVOA_X
ClientSampled :

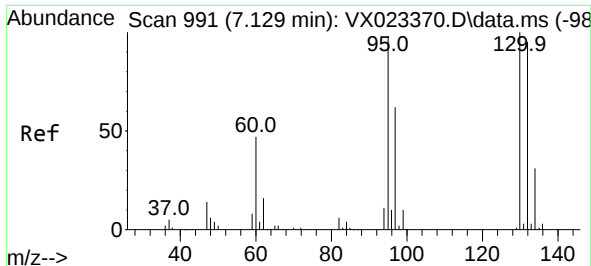
Tgt Ion: 75 Resp: 13040
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.513 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

Tgt Ion:117 Resp: 17623
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

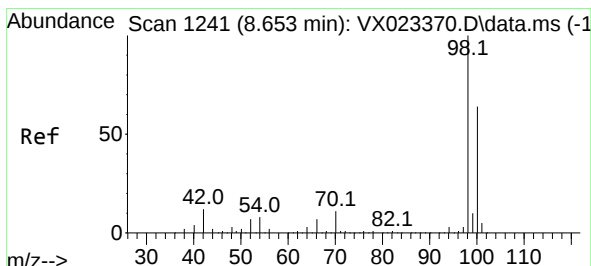
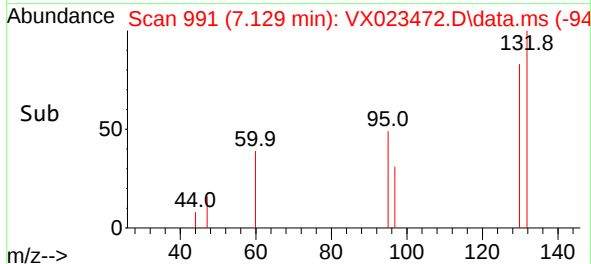
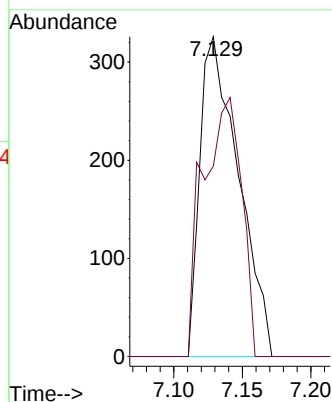
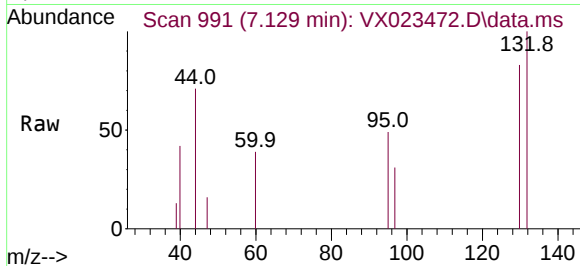




#44
Trichloroethene
Concen: 0.295 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

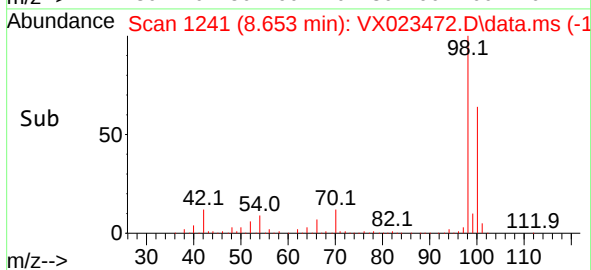
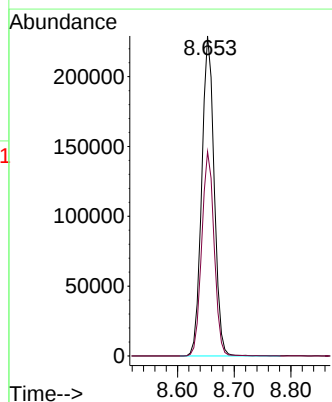
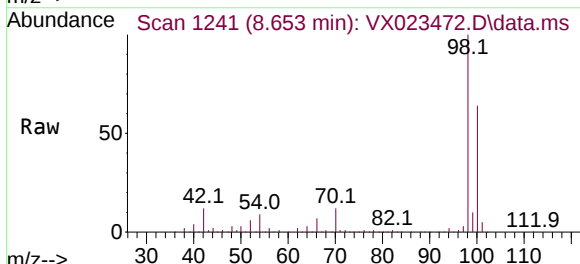
Instrument :
MSVOA_X
ClientSampleId :

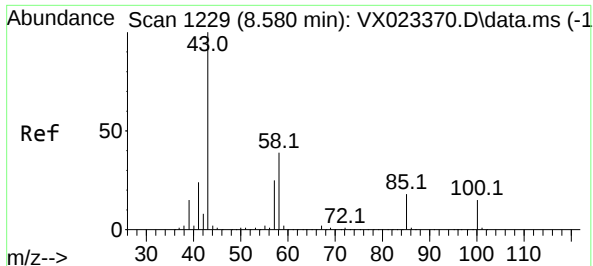
Tgt Ion:130 Resp: 639
Ion Ratio Lower Upper
130 100
95 59.5 0.0 198.0



#50
Toluene-d8
Concen: 51.766 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

Tgt Ion: 98 Resp: 349776
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

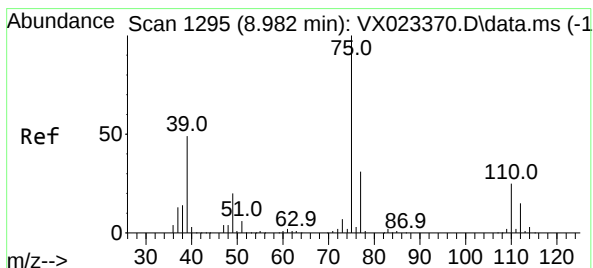
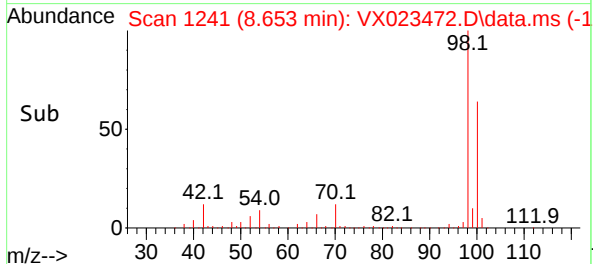
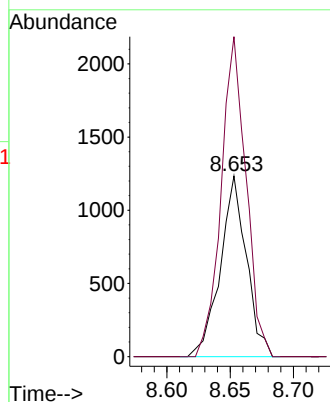
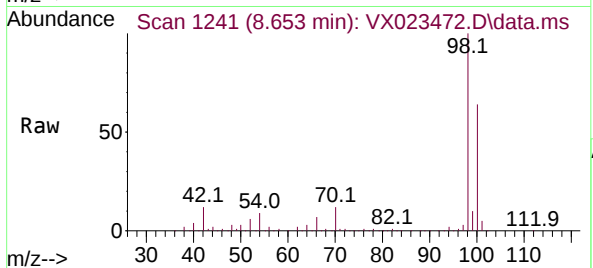




#51
4-Methyl-2-Pentanone
Concen: 0.558 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

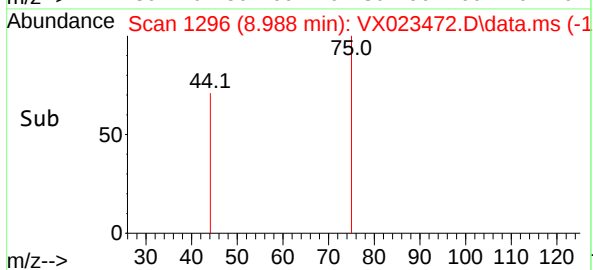
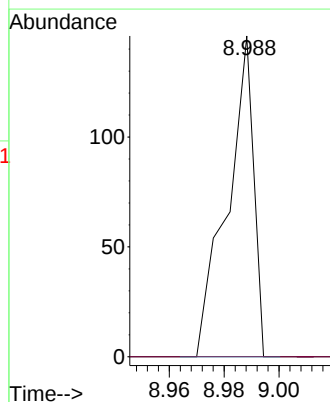
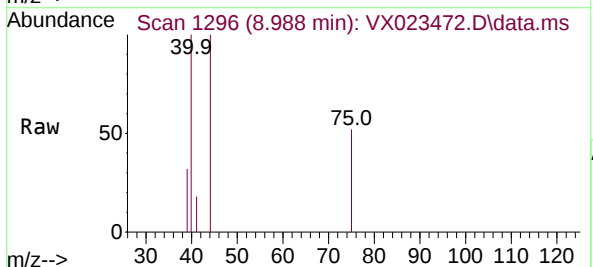
Instrument :
MSVOA_X
ClientSampled :

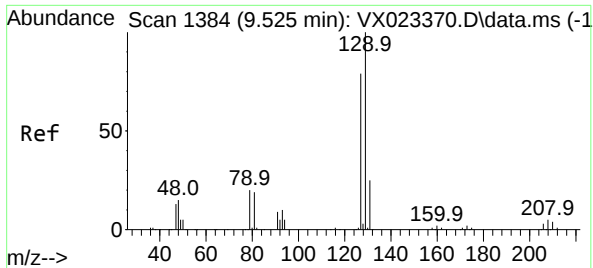
Tgt Ion: 43 Resp: 1775
Ion Ratio Lower Upper
43 100
58 168.5 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 1.846 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

Tgt Ion: 75 Resp: 97
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

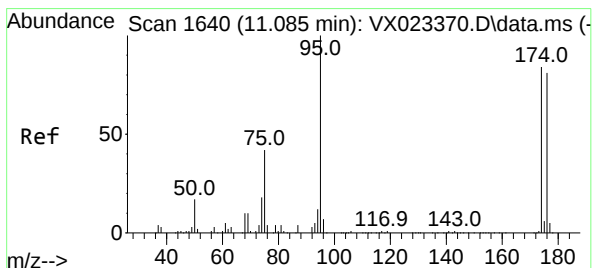
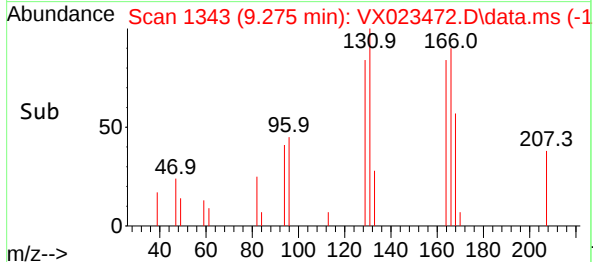
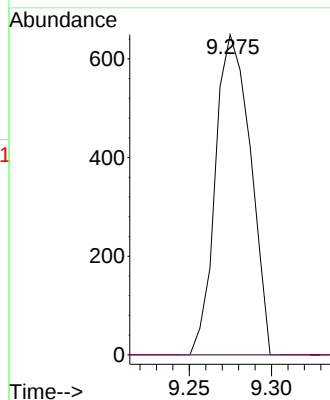
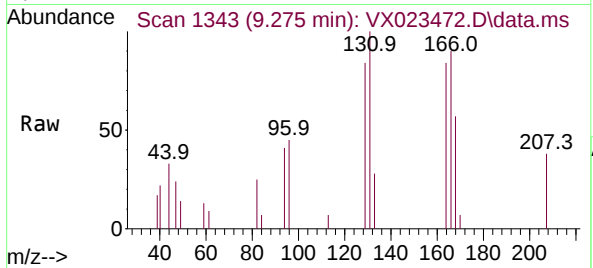




#60
Dibromochloromethane
Concen: 2.404 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

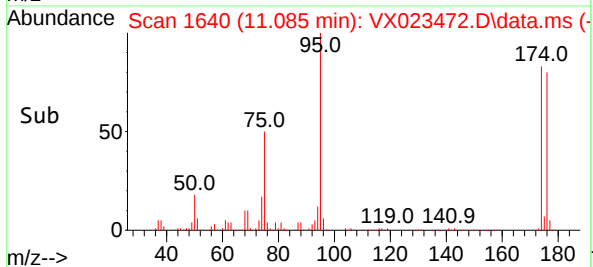
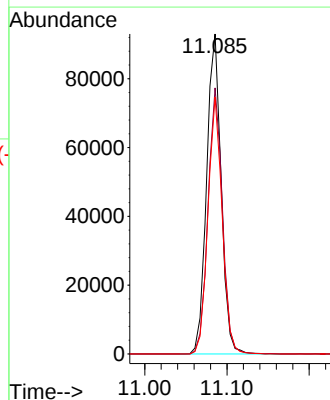
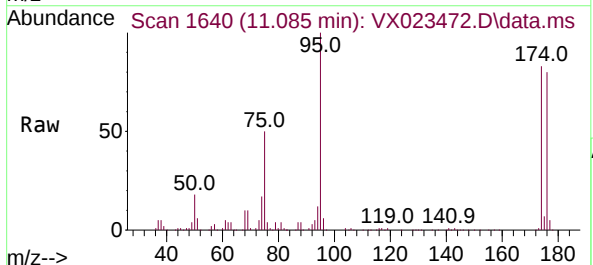
Instrument :
MSVOA_X
ClientSampleId :

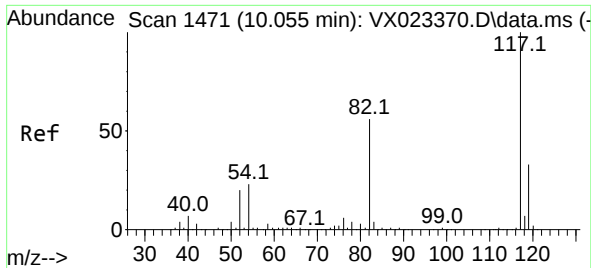
Tgt Ion:129 Resp: 961
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 49.562 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

Tgt Ion: 95 Resp: 113874
Ion Ratio Lower Upper
95 100
174 82.7 0.0 154.6
176 78.6 0.0 155.8

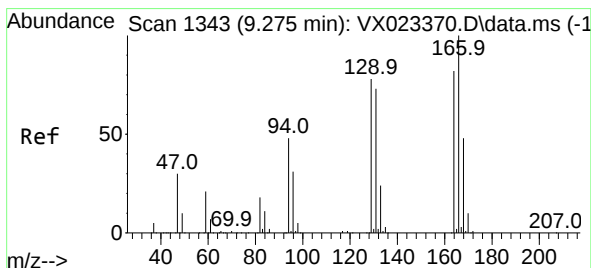
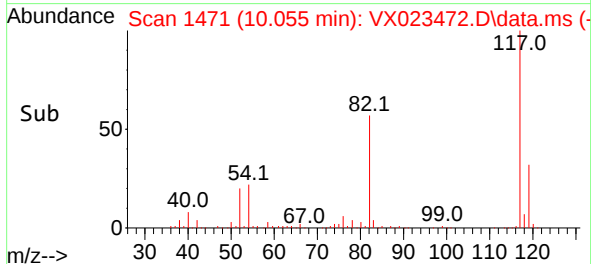
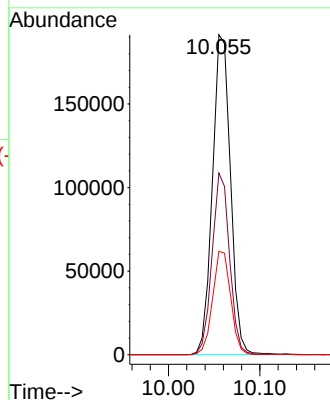
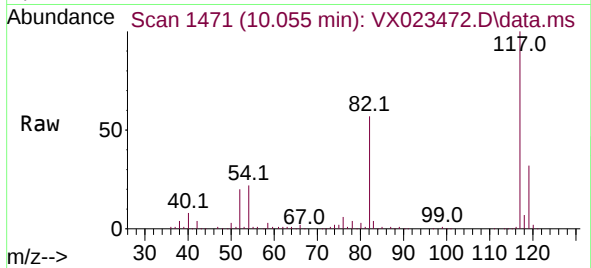




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

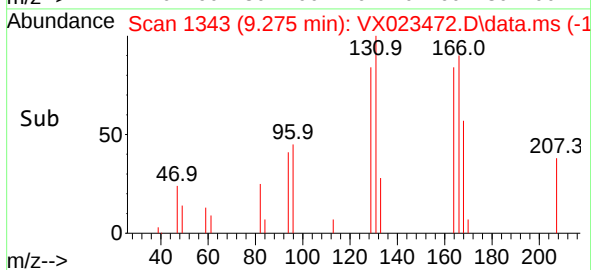
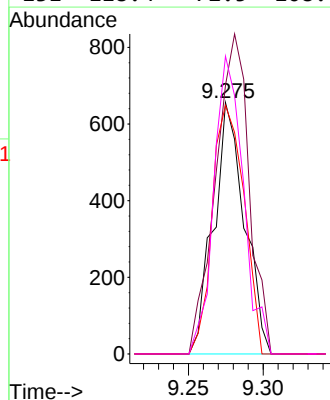
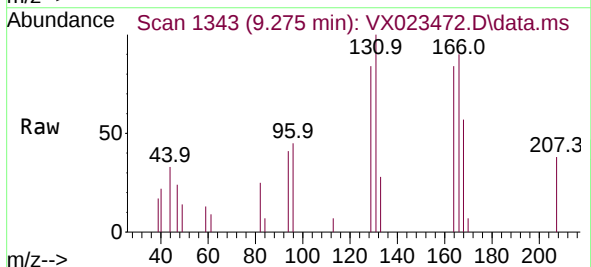
Instrument :
MSVOA_X
ClientSampled :

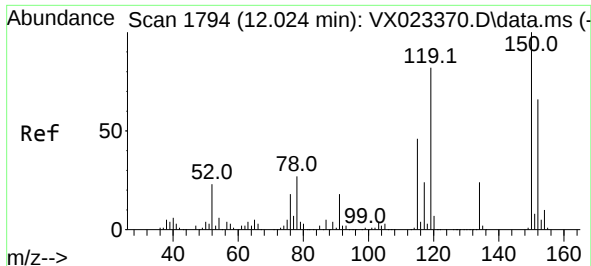
Tgt Ion:117 Resp: 262664
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 0.452 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023472.D
Acq: 27 Jul 2021 13:15

Tgt Ion:164 Resp: 944
Ion Ratio Lower Upper
164 100
166 106.9 103.4 155.2
129 98.9 70.8 106.2
131 118.4 72.5 108.7#

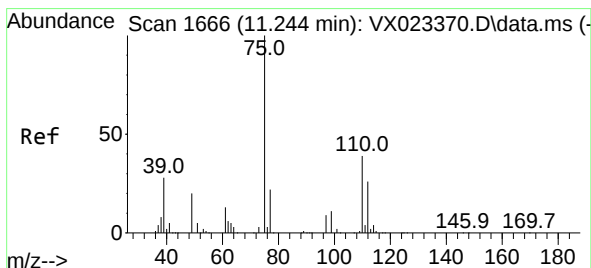
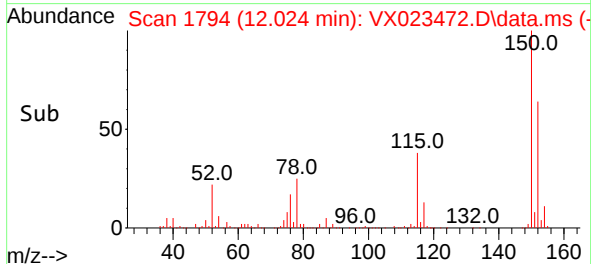
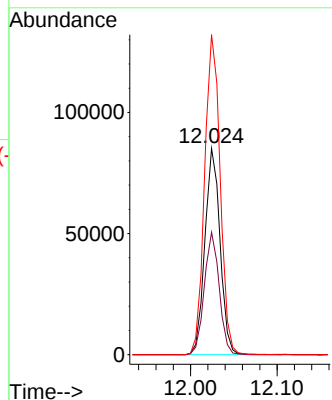
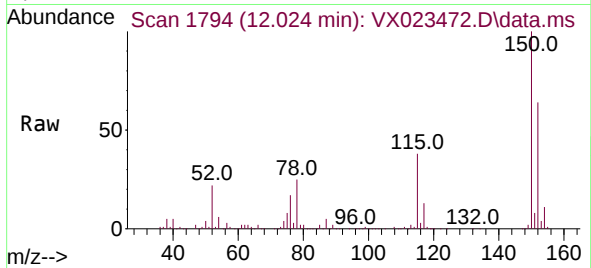




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023472.D
 Acq: 27 Jul 2021 13:15

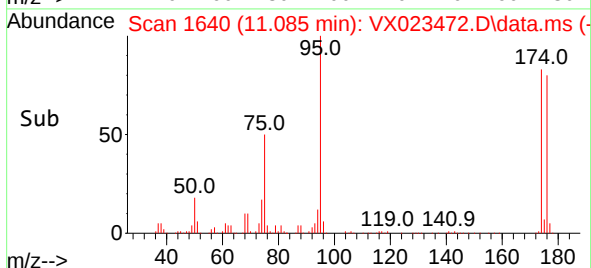
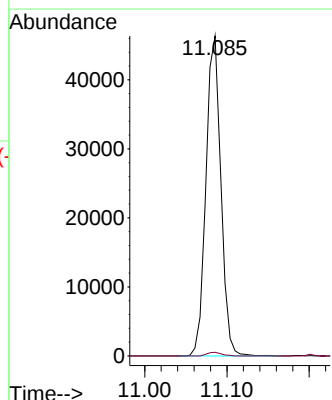
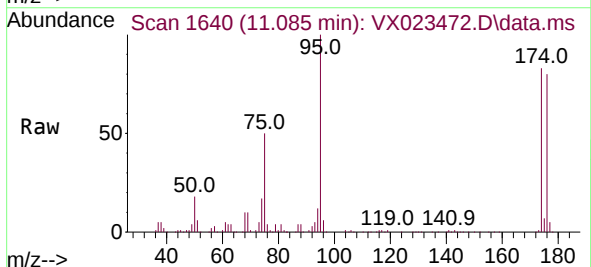
Instrument :
 MSVOA_X
 ClientSampled :

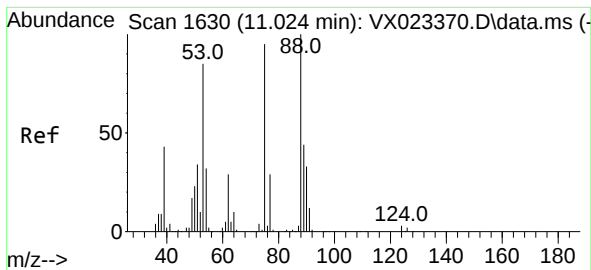
Tgt Ion:152 Resp: 103489
 Ion Ratio Lower Upper
 152 100
 115 58.1 41.1 123.3
 150 158.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.704 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023472.D
 Acq: 27 Jul 2021 13:15

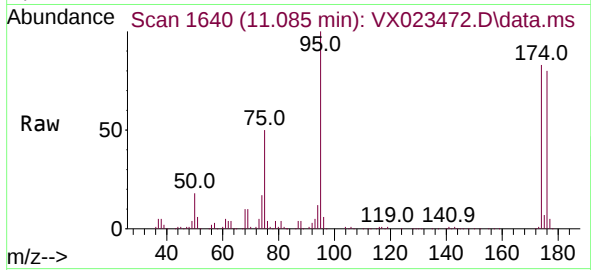
Tgt Ion: 75 Resp: 58538
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.116 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023472.D
 Acq: 27 Jul 2021 13:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 58538
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

