

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023432.D
 Acq On : 23 Jul 2021 18:33
 Operator : JC/MD
 Sample : M3145-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:46:17 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)

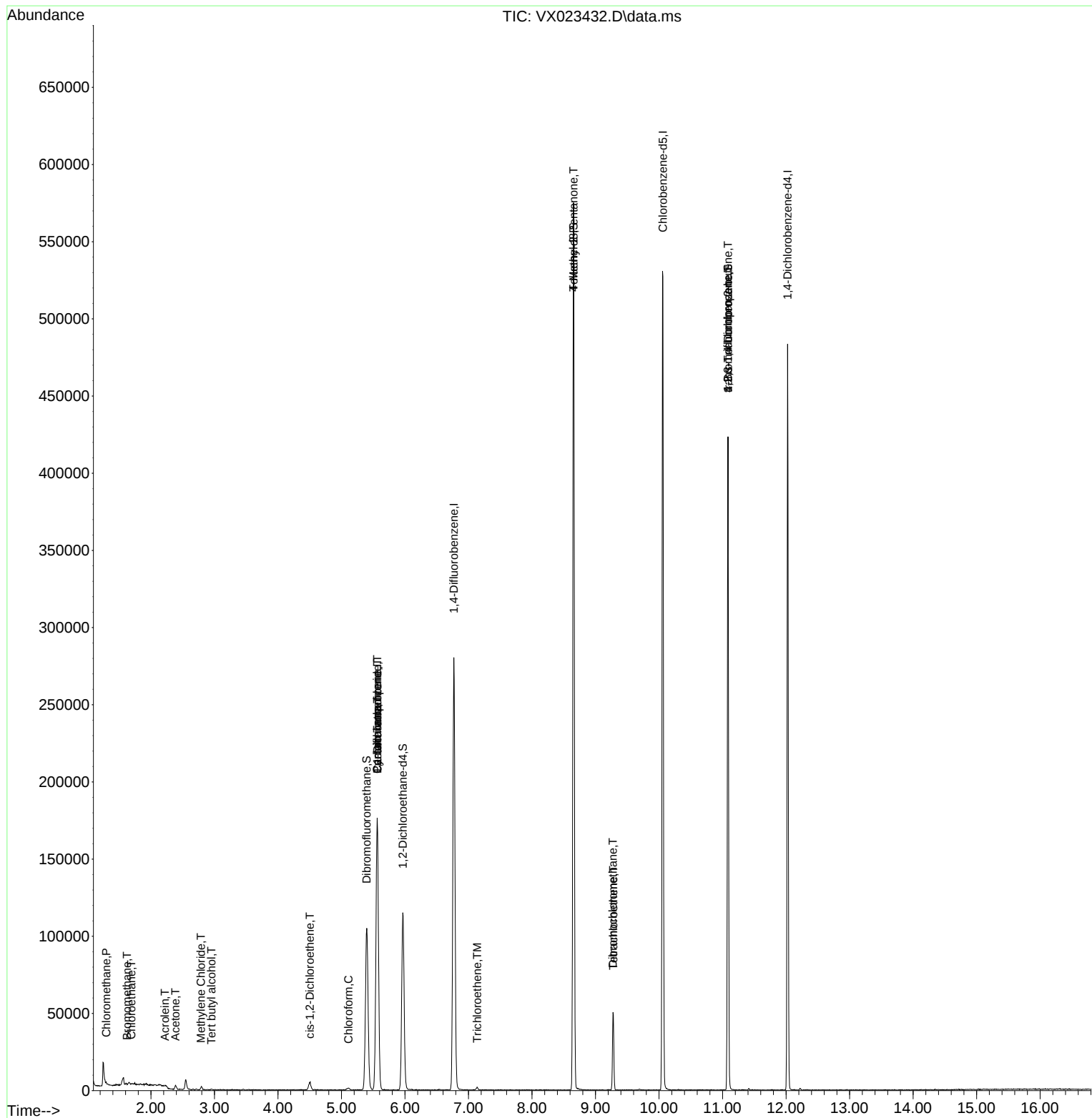
Internal Standards						
1) Pentafluorobenzene	5.562	168	168481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	284654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	249084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109732	52.212	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.420%	
35) Dibromofluoromethane	5.397	113	91083	51.176	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.360%	
50) Toluene-d8	8.652	98	336023	51.388	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.780%	
62) 4-Bromofluorobenzene	11.085	95	104831	47.147	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	521	0.289	ug/l	88
5) Bromomethane	1.623	94	440	0.405	ug/l #	76
6) Chloroethane	1.690	64	287	0.256	ug/l #	83
11) Tert butyl alcohol	2.952	59	231	0.481	ug/l #	73
13) Acrolein	2.221	56	42	1.535	ug/l #	1
16) Acetone	2.385	43	2994	2.904	ug/l #	82
20) Methylene Chloride	2.788	84	926	0.462	ug/l #	76
27) cis-1,2-Dichloroethene	4.501	96	3117	1.526	ug/l	92
30) Chloroform	5.110	83	1628	0.487	ug/l	84
31) Cyclohexane	5.562	56	3554	1.142	ug/l #	13
36) 1,1-Dichloropropene	5.562	75	12656	4.915	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16488	6.296	ug/l #	16
44) Trichloroethene	7.134	130	679	0.324	ug/l	73
51) 4-Methyl-2-Pentanone	8.652	43	1583	0.514	ug/l #	1
60) Dibromochloromethane	9.274	129	8984	6.047	ug/l #	11
64) Tetrachloroethene	9.280	164	9292	4.687	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	54355	25.381	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54355	68.247	ug/l #	12

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

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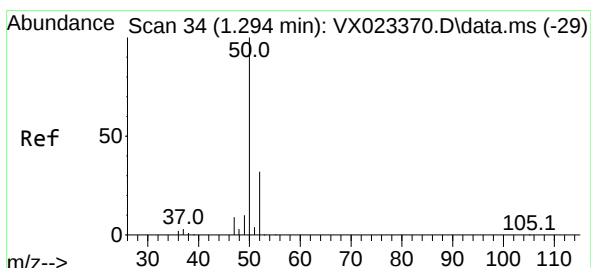
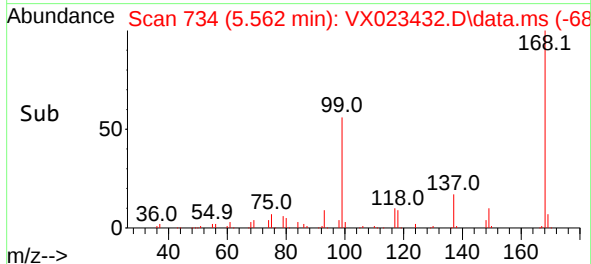
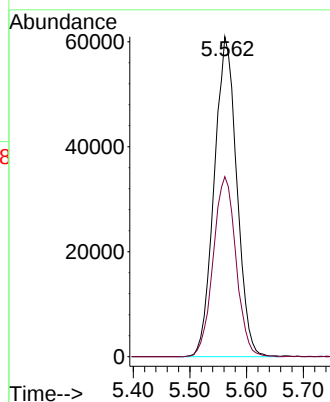
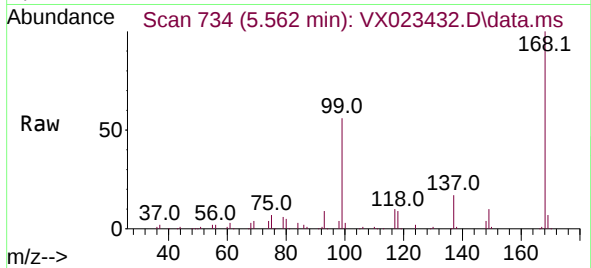




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

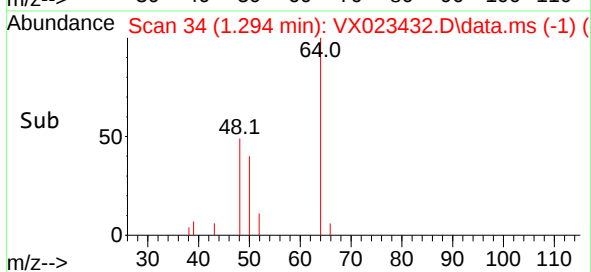
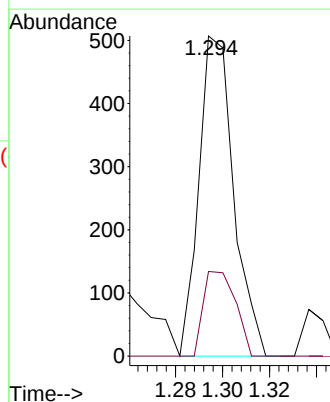
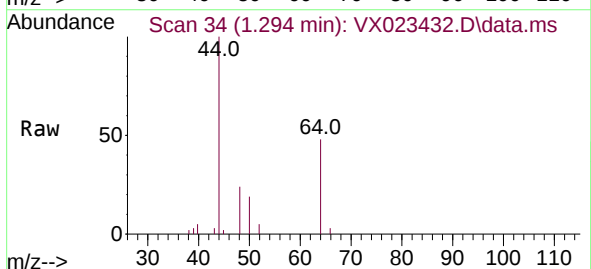
Instrument :
MSVOA_X
ClientSampleId :

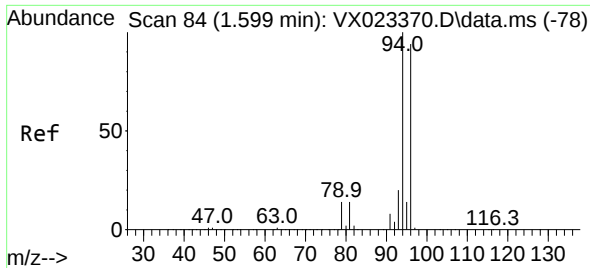
Tgt Ion:168 Resp: 168481
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#3
Chloromethane
Concen: 0.289 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Tgt Ion: 50 Resp: 521
Ion Ratio Lower Upper
50 100
52 26.4 26.4 39.6

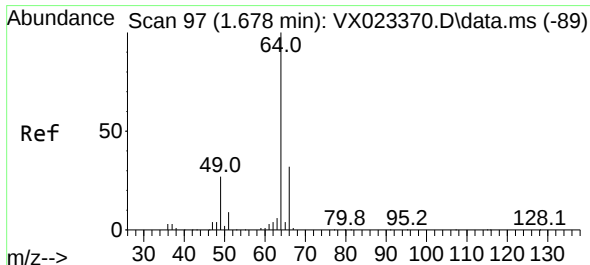
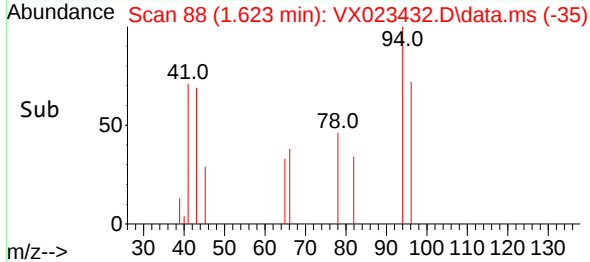
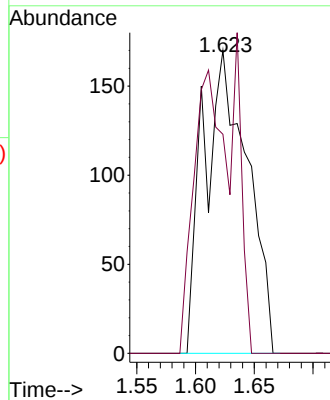
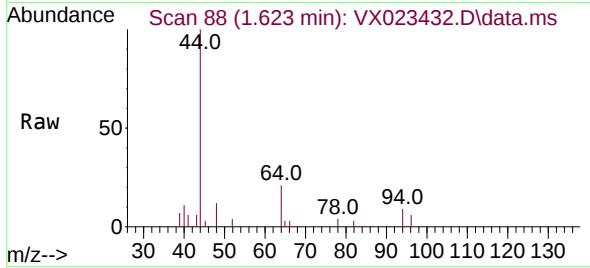




#5
Bromomethane
Concen: 0.405 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

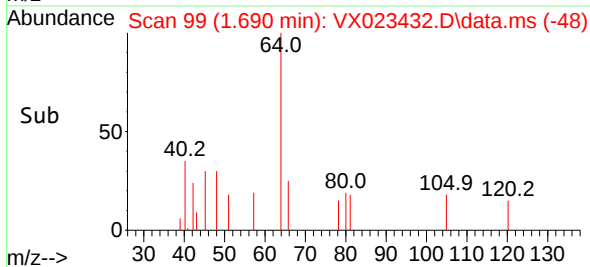
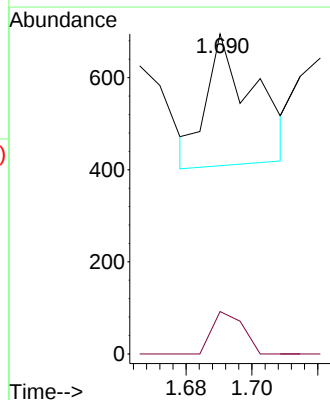
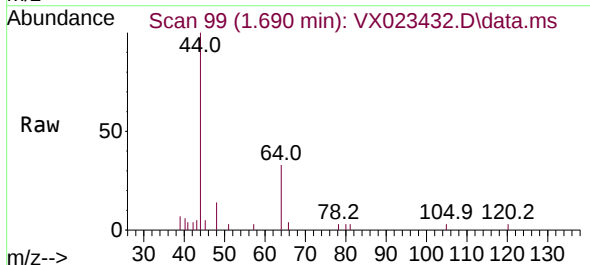
Instrument :
MSVOA_X
ClientSampled :

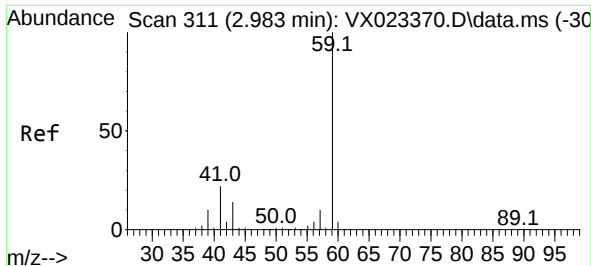
Tgt Ion: 94 Resp: 440
Ion Ratio Lower Upper
94 100
96 72.4 76.4 114.6#



#6
Chloroethane
Concen: 0.256 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Tgt Ion: 64 Resp: 287
Ion Ratio Lower Upper
64 100
66 41.3 25.4 38.0#



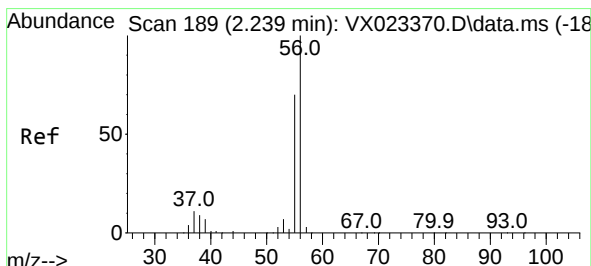
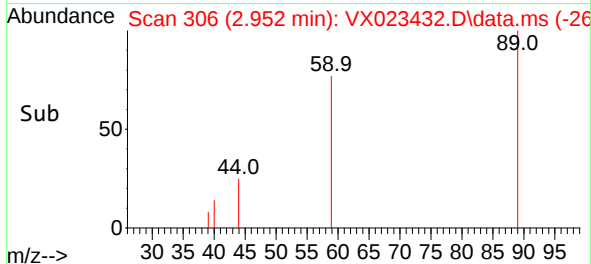
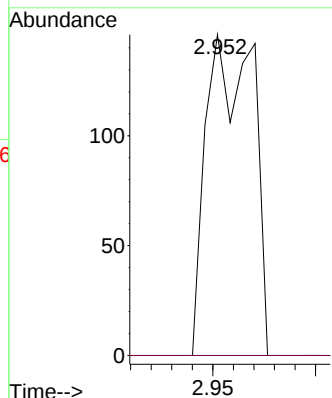
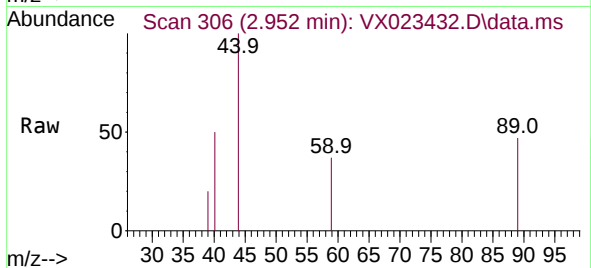


#11

Tert butyl alcohol
Concen: 0.481 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Instrument :
MSVOA_X
ClientSampled :

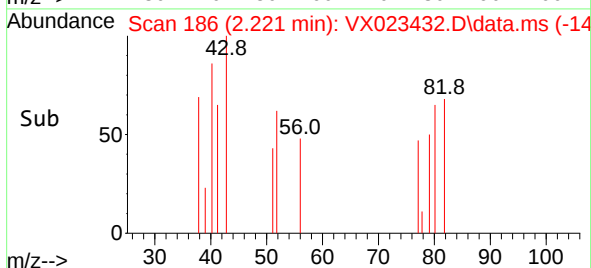
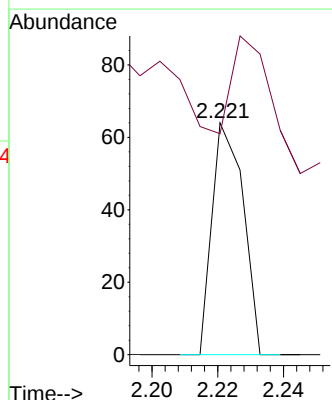
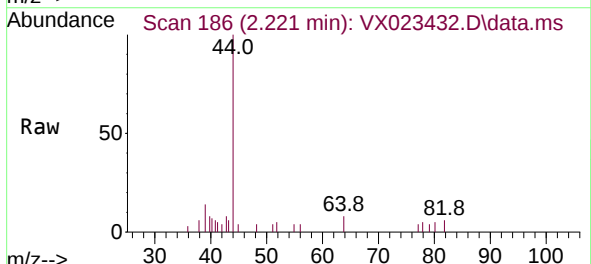
Tgt Ion: 59 Resp: 231
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

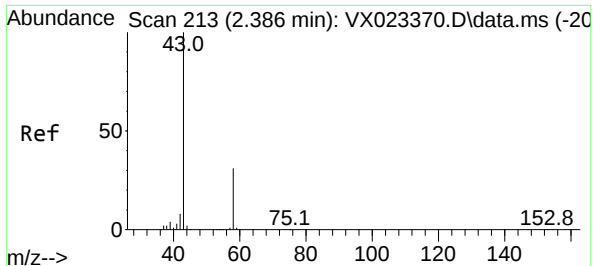


#13

Acrolein
Concen: 1.535 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 247.6 56.4 84.6#

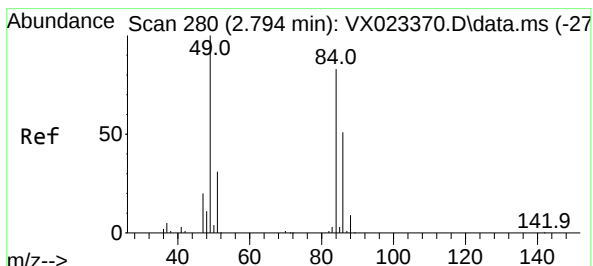
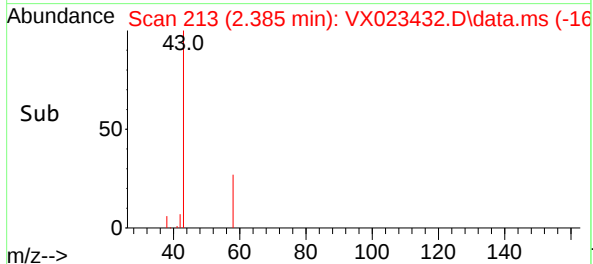
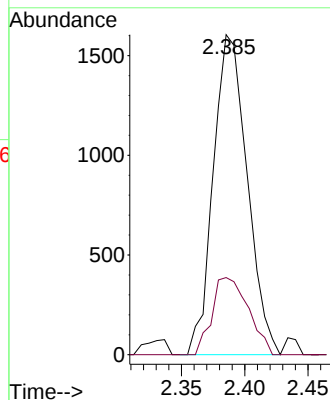
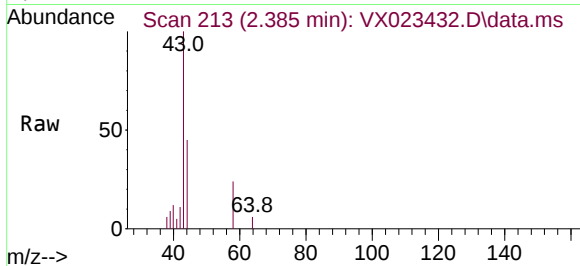




#16
Acetone
Concen: 2.904 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

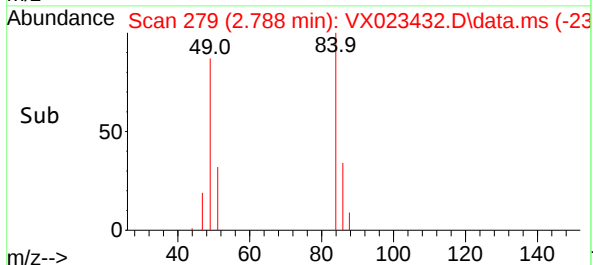
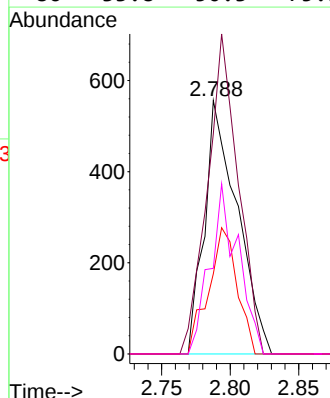
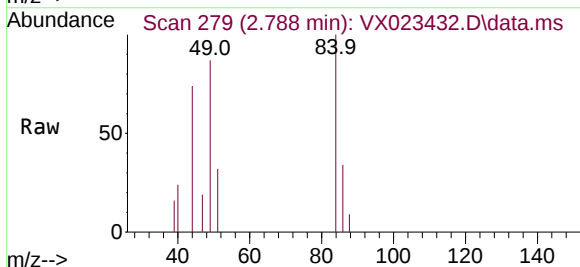
Instrument :
MSVOA_X
ClientSampled :

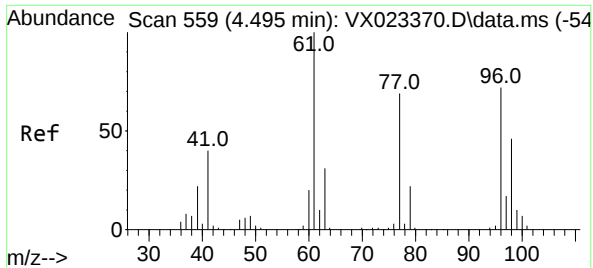
Tgt Ion: 43 Resp: 2994
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.8#



#20
Methylene Chloride
Concen: 0.462 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Tgt Ion: 84 Resp: 926
Ion Ratio Lower Upper
84 100
49 86.9 88.6 132.8#
51 31.7 27.0 40.6
86 33.8 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 1.526 ug/l

RT: 4.501 min Scan# 560

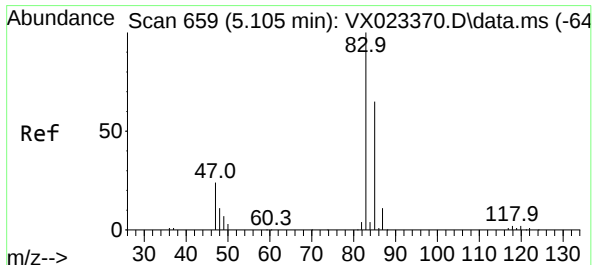
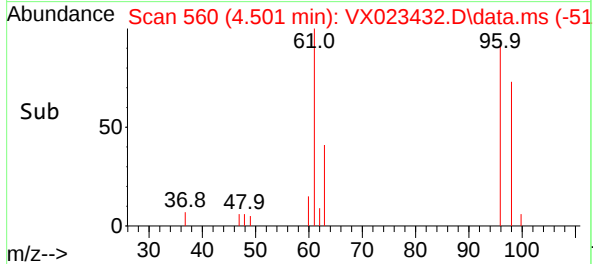
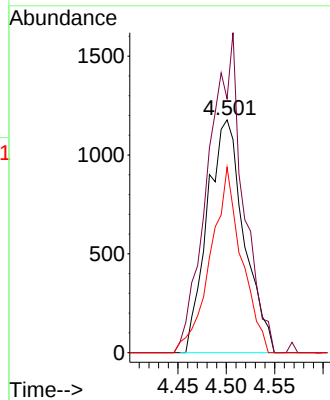
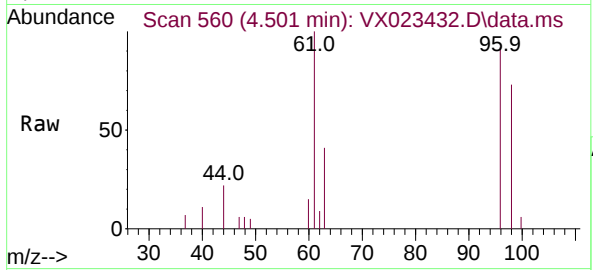
Delta R.T. 0.006 min

Lab File: VX023432.D

Acq: 23 Jul 2021 18:33

Tgt Ion: 96 Resp: 3117

Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	285.6
98	67.0	0.0	129.6



#30

Chloroform

Concen: 0.487 ug/l

RT: 5.110 min Scan# 660

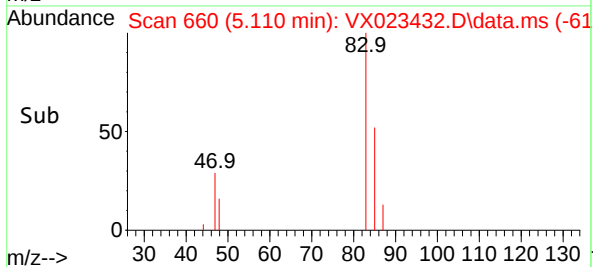
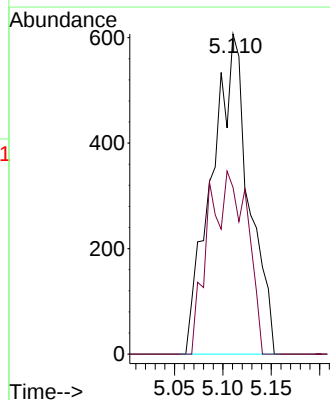
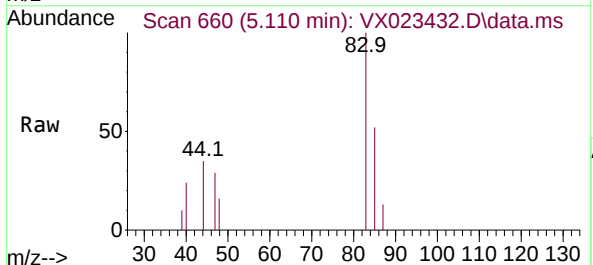
Delta R.T. 0.005 min

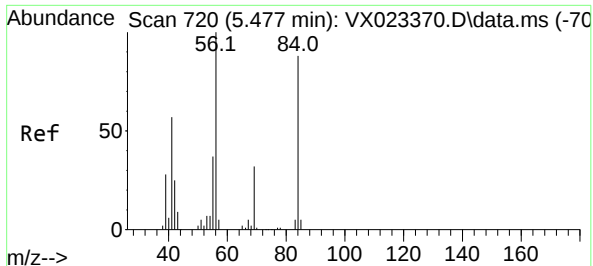
Lab File: VX023432.D

Acq: 23 Jul 2021 18:33

Tgt Ion: 83 Resp: 1628

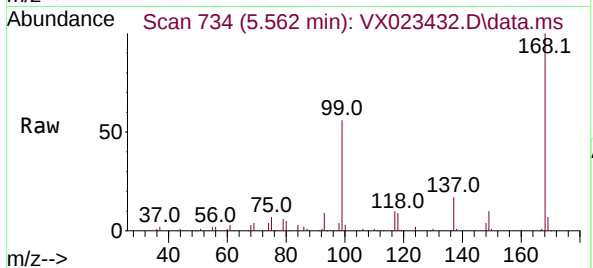
Ion	Ratio	Lower	Upper
83	100		
85	52.1	52.0	78.0



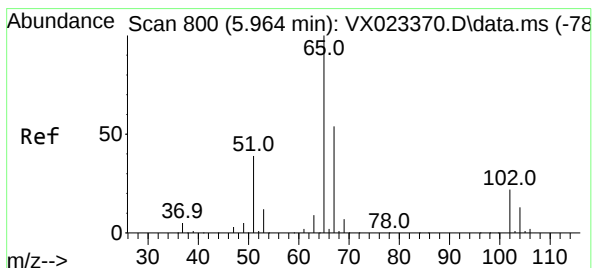
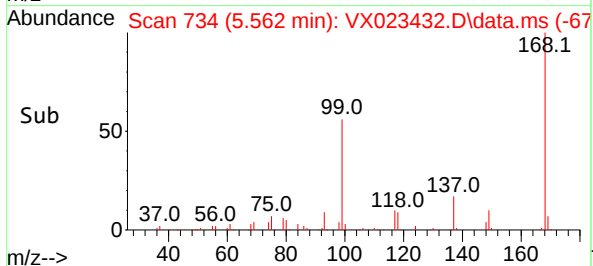
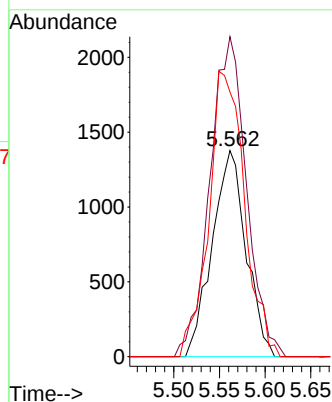


#31
Cyclohexane
Concen: 1.142 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Instrument :
MSVOA_X
ClientSampled :

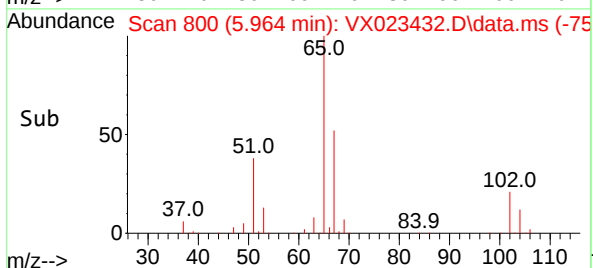
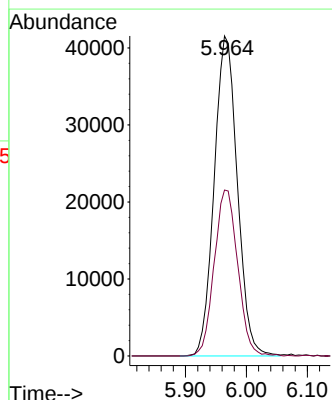
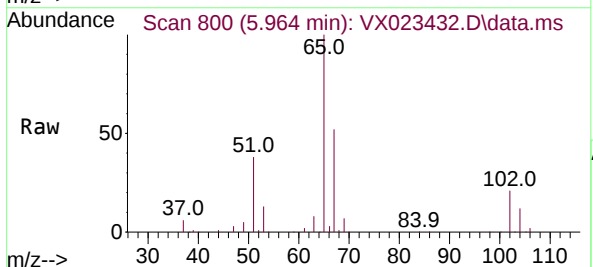


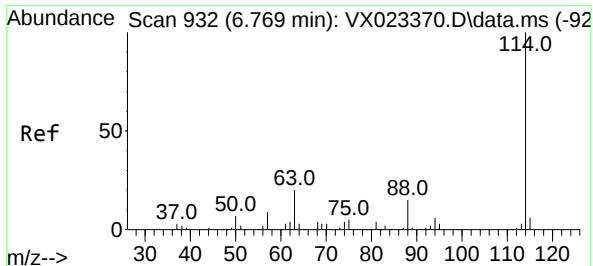
Tgt Ion: 56 Resp: 3554
Ion Ratio Lower Upper
56 100
69 151.2 25.3 37.9#
84 128.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.212 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Tgt Ion: 65 Resp: 109732
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

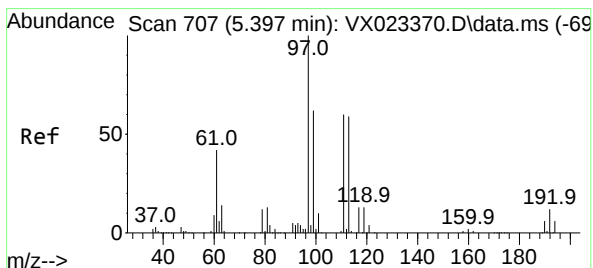
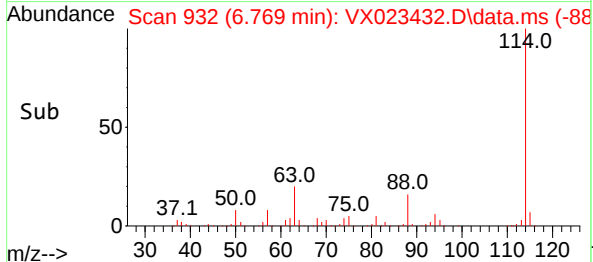
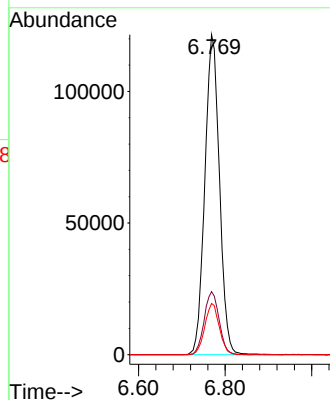
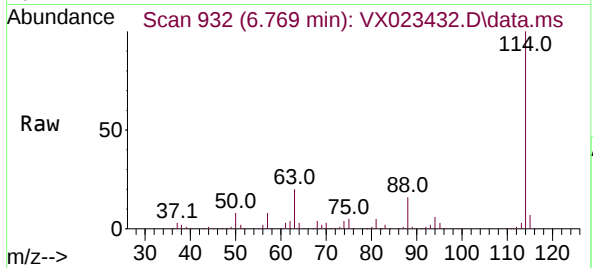




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

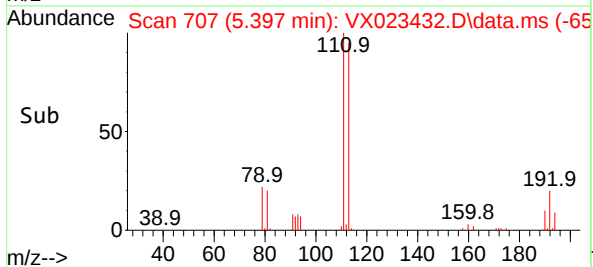
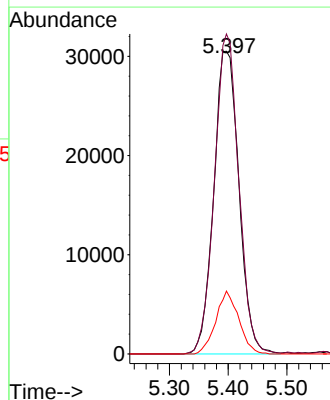
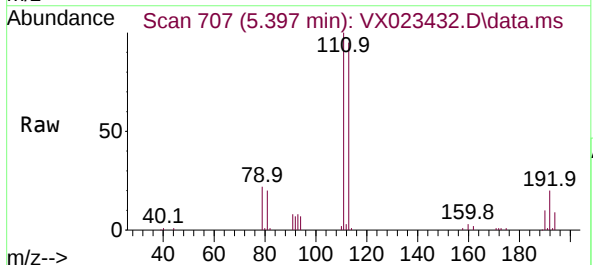
Instrument :
MSVOA_X
ClientSampleId :

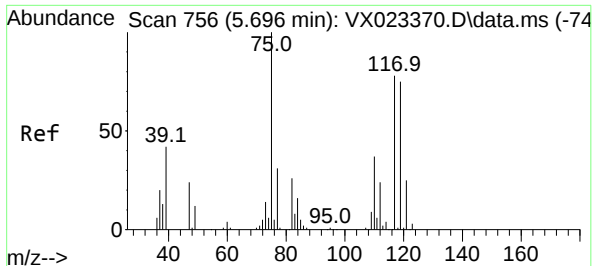
Tgt Ion:114 Resp: 284654
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.176 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Tgt Ion:113 Resp: 91083
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 18.9 16.7 25.1

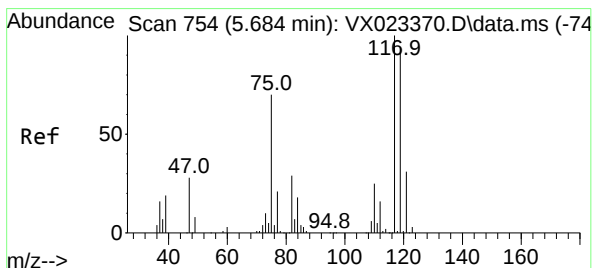
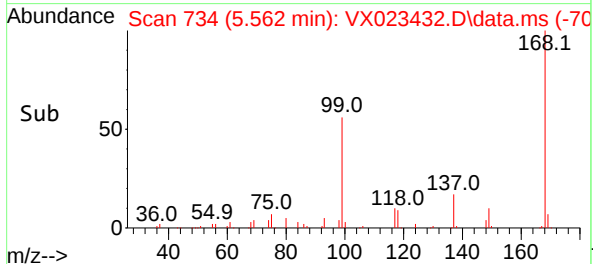
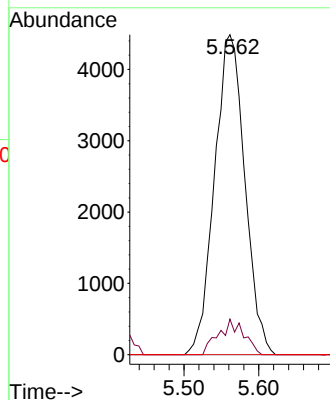
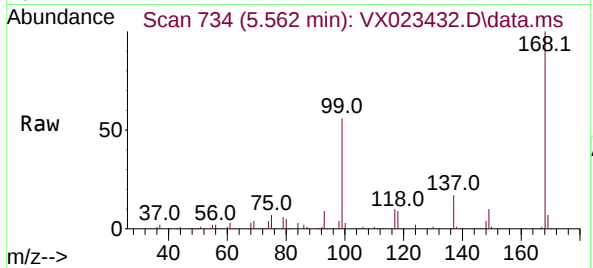




#36
1,1-Dichloropropene
Concen: 4.915 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

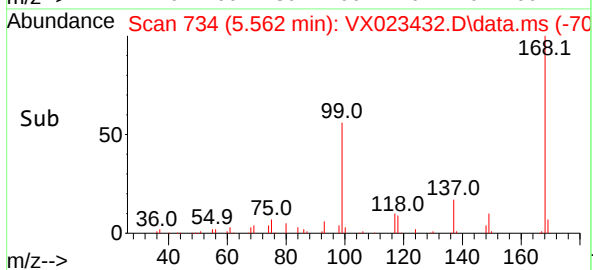
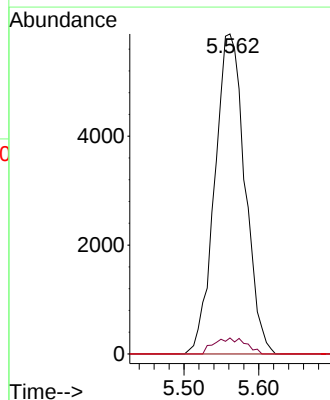
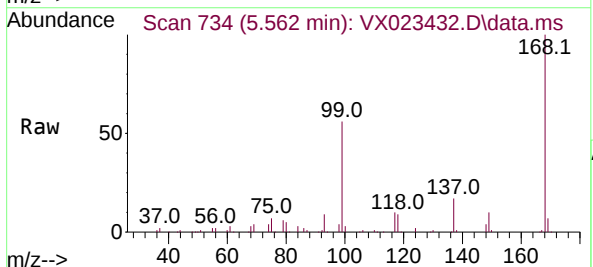
Instrument :
MSVOA_X
ClientSampled :

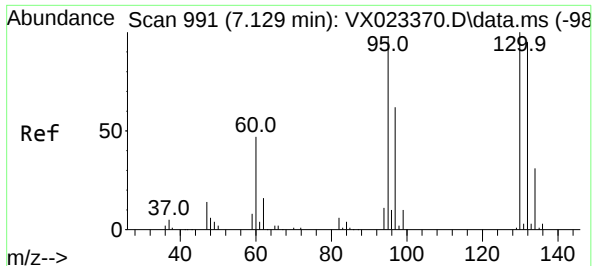
Tgt Ion: 75 Resp: 12656
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.296 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Tgt Ion:117 Resp: 16488
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#

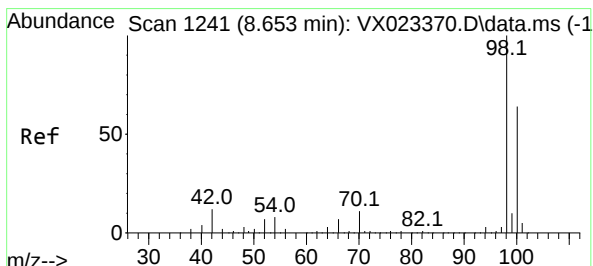
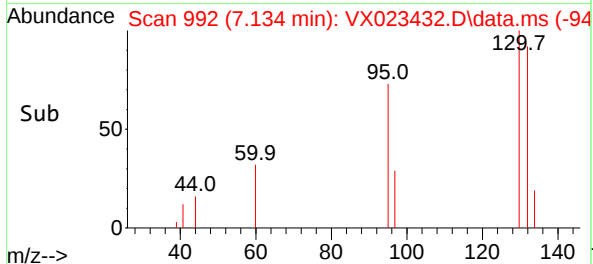
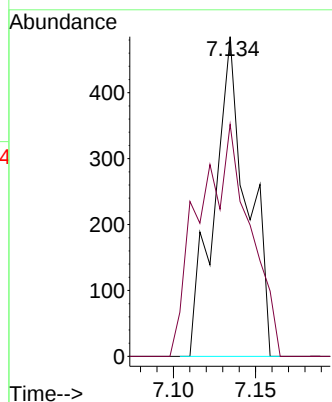
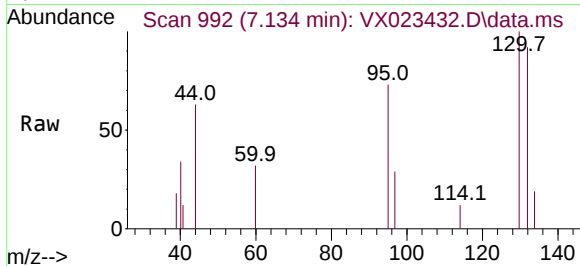




#44
Trichloroethene
Concen: 0.324 ug/l
RT: 7.134 min Scan# 992
Delta R.T. 0.005 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

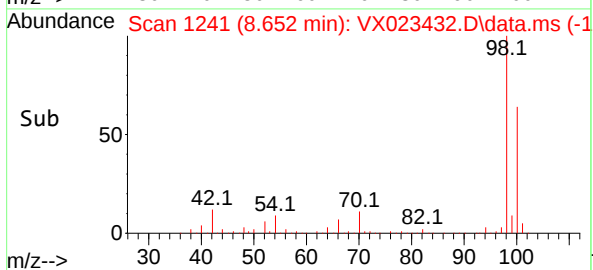
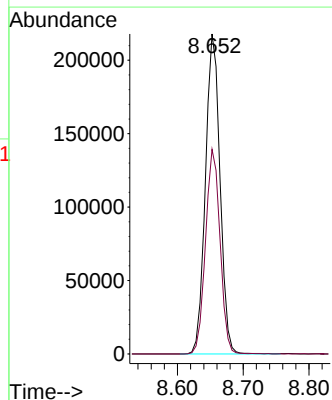
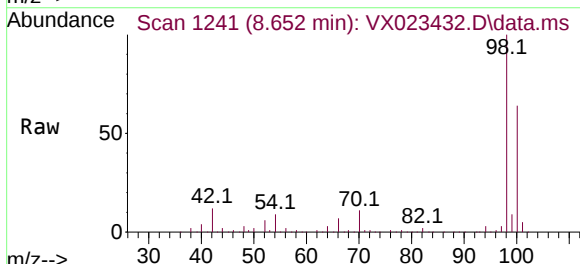
Instrument :
MSVOA_X
ClientSampled :

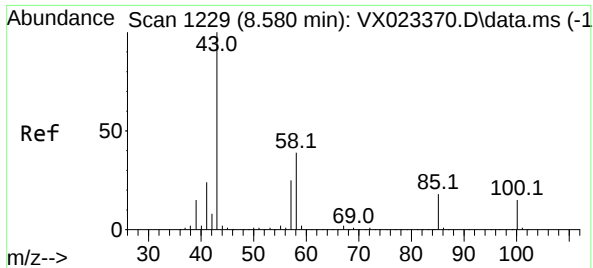
Tgt Ion:130 Resp: 679
Ion Ratio Lower Upper
130 100
95 72.6 0.0 198.0



#50
Toluene-d8
Concen: 51.388 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Tgt Ion: 98 Resp: 336023
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

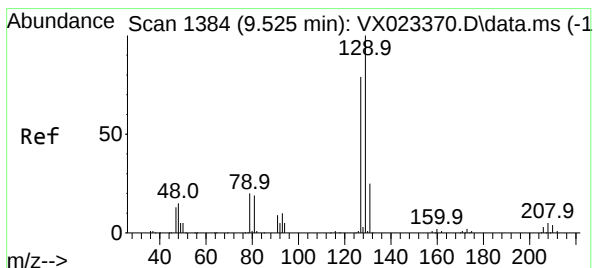
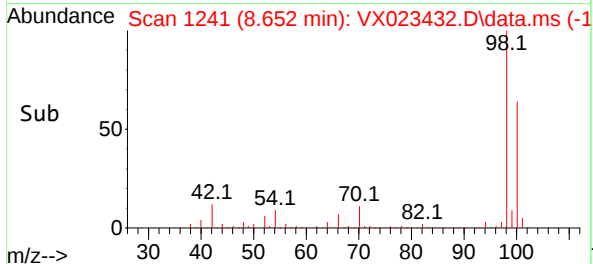
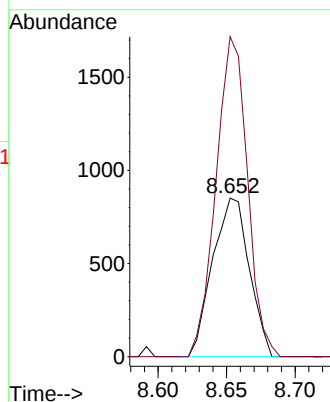
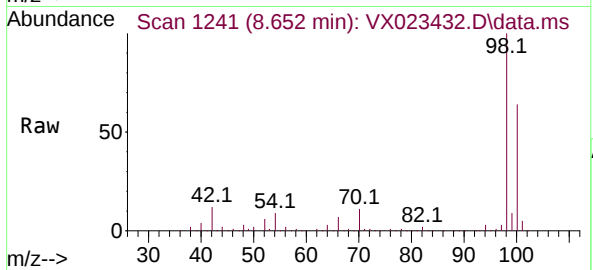




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.072 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

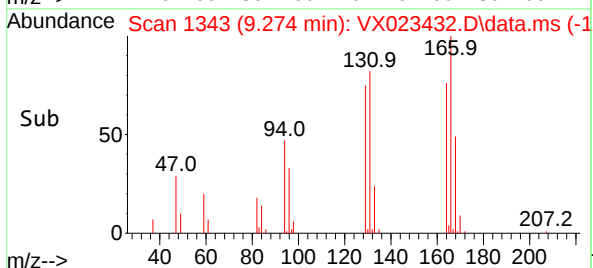
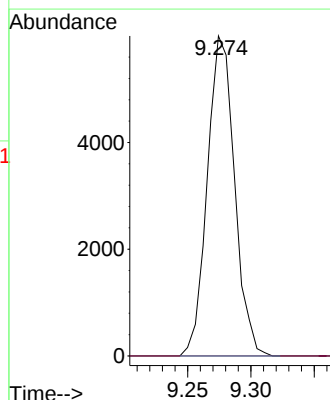
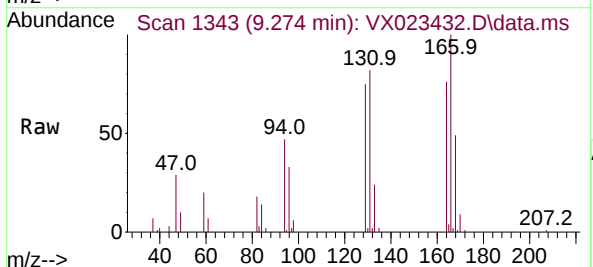
Instrument :
MSVOA_X
ClientSampled :

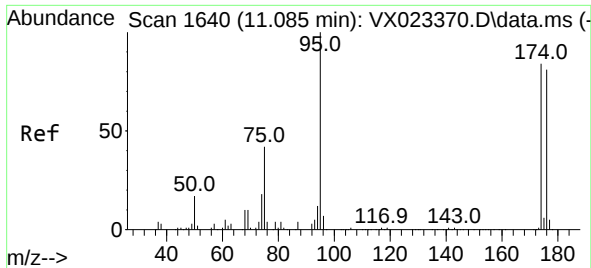
Tgt Ion: 43 Resp: 1583
Ion Ratio Lower Upper
43 100
58 173.7 35.4 53.0#



#60
Dibromochloromethane
Concen: 6.047 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.251 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Tgt Ion: 129 Resp: 8984
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

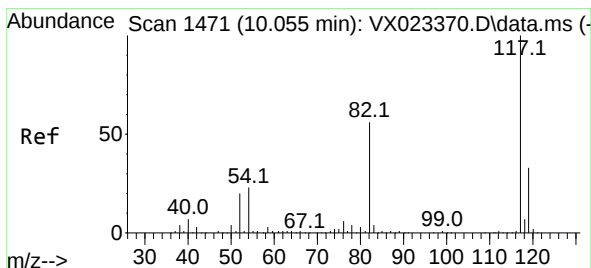
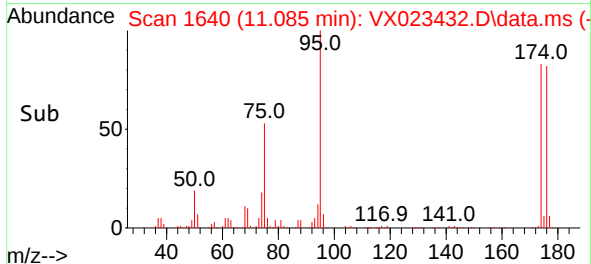
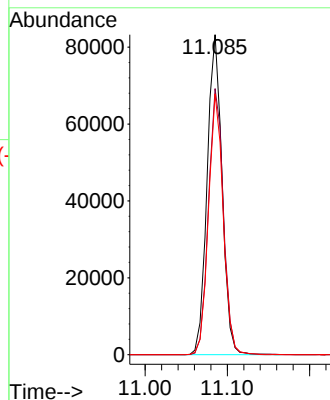
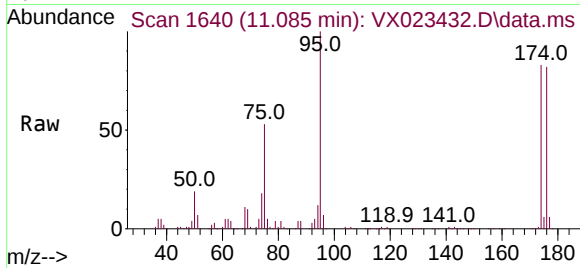




#62
4-Bromofluorobenzene
Concen: 47.147 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

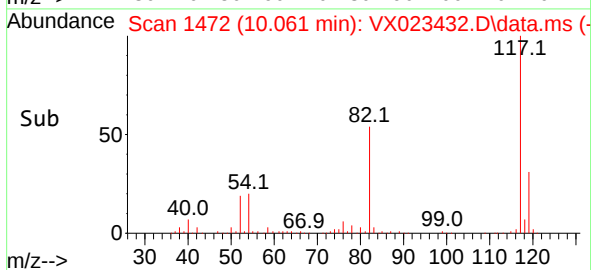
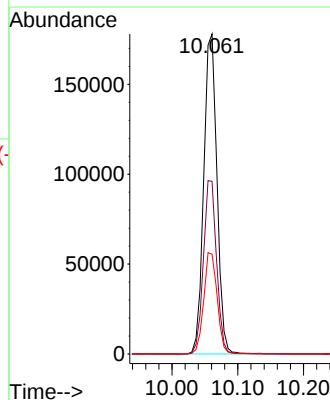
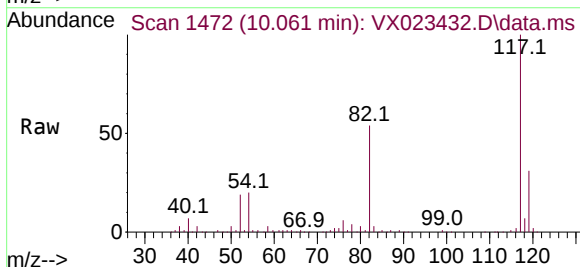
Instrument :
MSVOA_X
ClientSampleId :

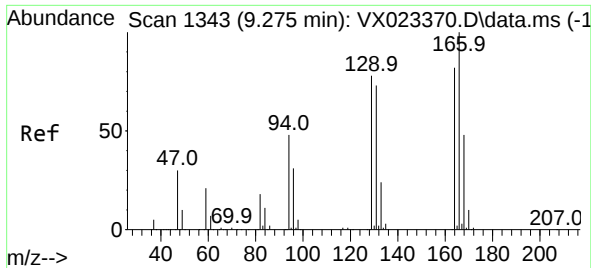
Tgt Ion: 95 Resp: 104831
Ion Ratio Lower Upper
95 100
174 83.7 0.0 154.6
176 80.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

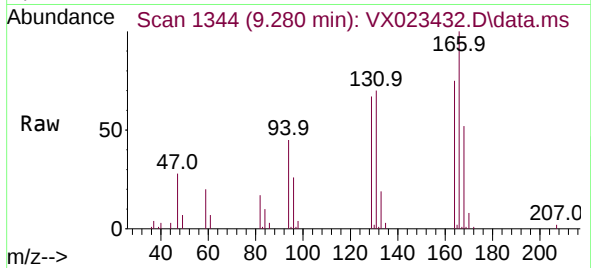
Tgt Ion: 117 Resp: 249084
Ion Ratio Lower Upper
117 100
82 54.0 47.4 71.2
119 31.2 26.6 39.8



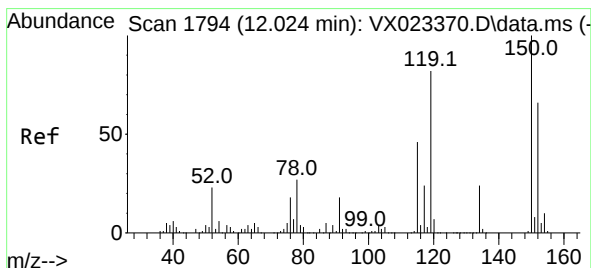
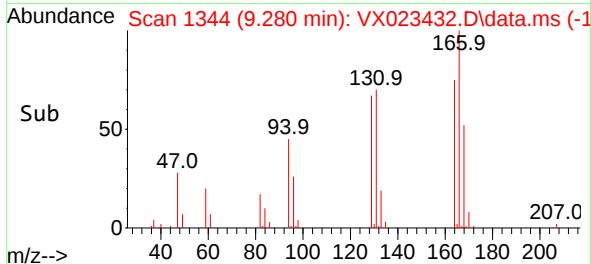
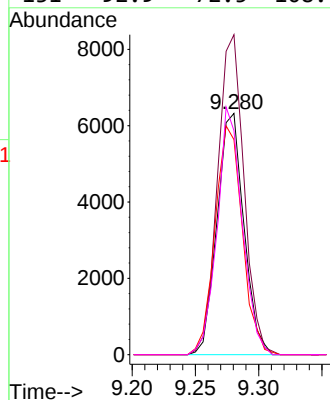


#64
Tetrachloroethene
Concen: 4.687 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Instrument :
MSVOA_X
ClientSampled :

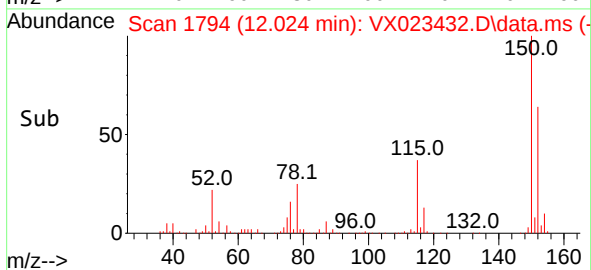
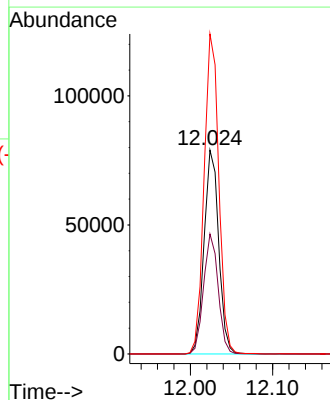
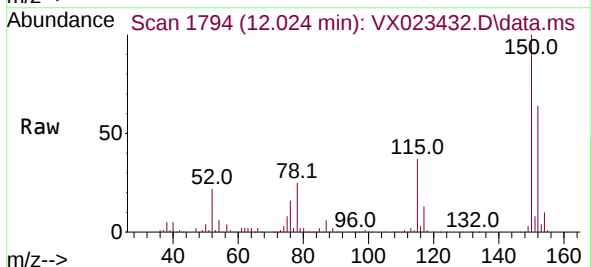


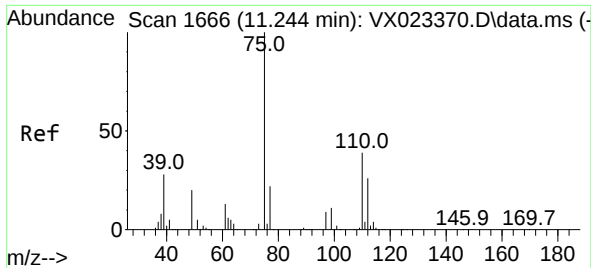
Tgt Ion:164 Resp: 9292
Ion Ratio Lower Upper
164 100
166 132.7 103.4 155.2
129 89.2 70.8 106.2
131 92.9 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Tgt Ion:152 Resp: 97318
Ion Ratio Lower Upper
152 100
115 58.9 41.1 123.3
150 158.0 0.0 349.0

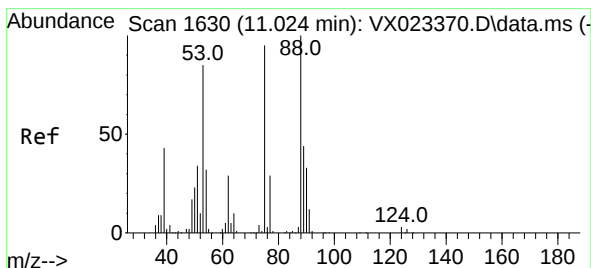
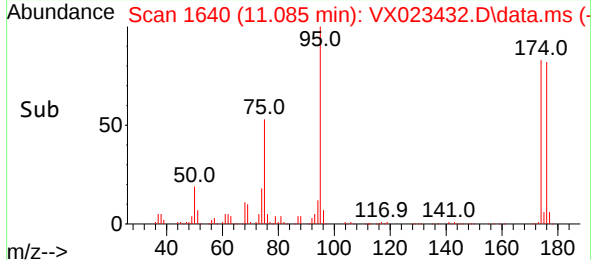
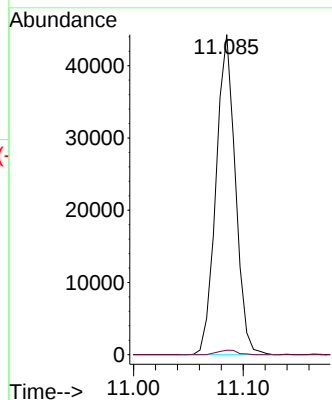
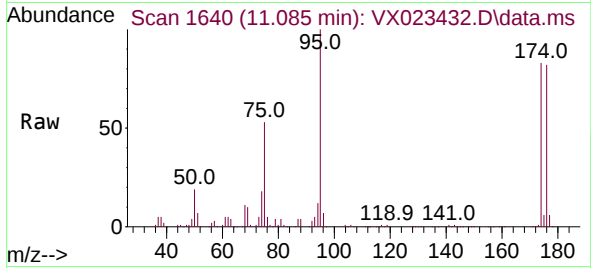




#76
1,2,3-Trichloropropane
Concen: 25.381 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 54355
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.247 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023432.D
Acq: 23 Jul 2021 18:33

Tgt Ion: 75 Resp: 54355
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

