

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023430.D
 Acq On : 23 Jul 2021 17:46
 Operator : JC/MD
 Sample : M3145-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:46:01 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)

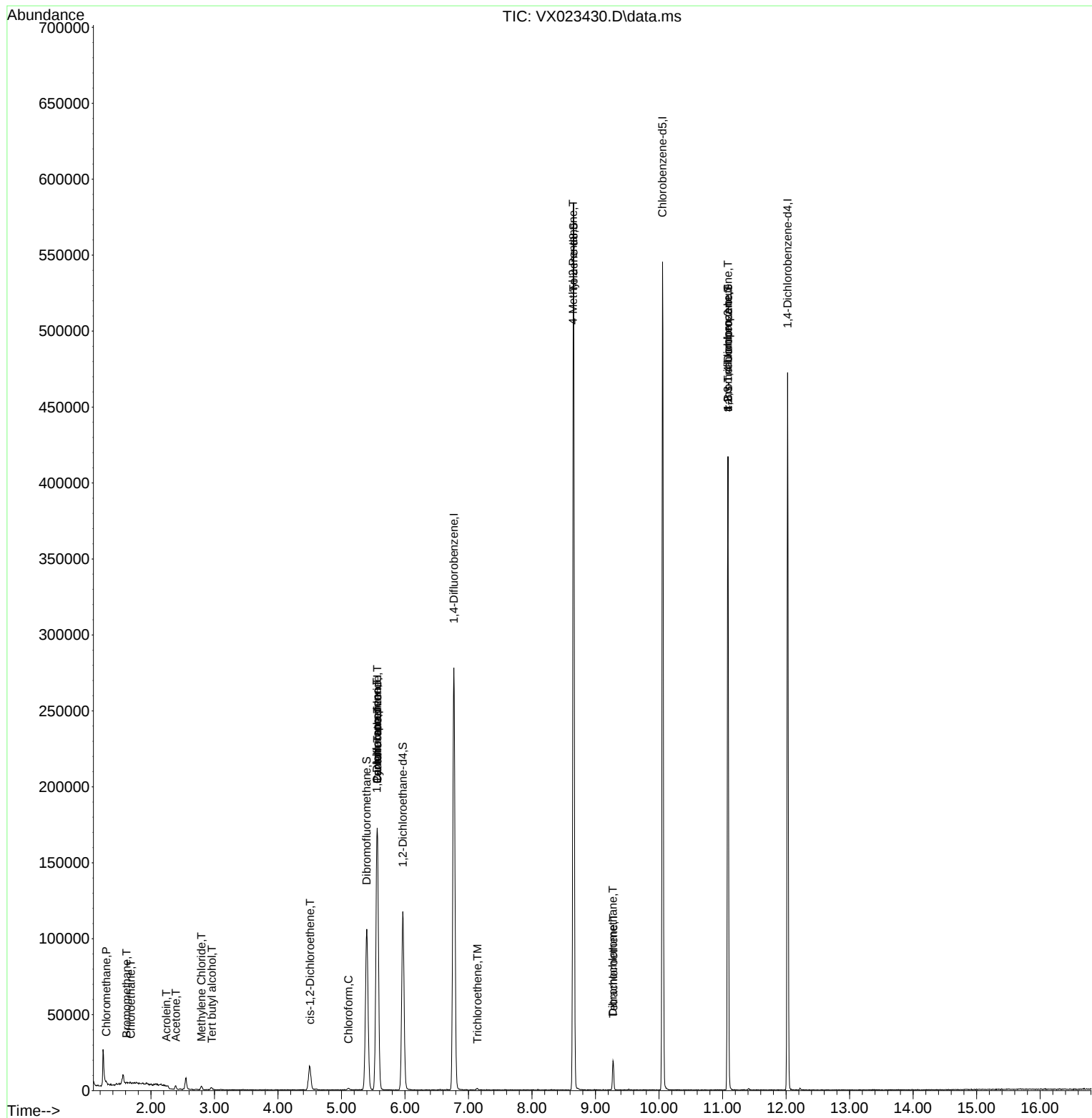
Internal Standards						
1) Pentafluorobenzene	5.562	168	168185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	286317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110993	52.905	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.820%	
35) Dibromofluoromethane	5.397	113	91127	50.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.800%	
50) Toluene-d8	8.653	98	335044	50.940	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	11.085	95	104145	46.566	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	539	0.299	ug/l #	87
5) Bromomethane	1.618	94	365	0.337	ug/l #	65
6) Chloroethane	1.685	64	710	0.634	ug/l #	69
11) Tert butyl alcohol	2.959	59	1018	2.124	ug/l #	73
13) Acrolein	2.239	56	22	1.454	ug/l #	1
16) Acetone	2.392	43	2531	2.459	ug/l	95
20) Methylene Chloride	2.794	84	1043	0.521	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	9947	4.879	ug/l	90
30) Chloroform	5.111	83	1203	0.361	ug/l	95
31) Cyclohexane	5.562	56	3556	1.144	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12670	4.892	ug/l #	46
38) Carbon Tetrachloride	5.562	117	17077	6.483	ug/l #	16
44) Trichloroethene	7.141	130	454	0.215	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	1721	0.556	ug/l #	1
60) Dibromochloromethane	9.275	129	3463	3.541	ug/l #	11
64) Tetrachloroethene	9.281	164	3695	1.879	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	54535	25.465	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54535	68.471	ug/l #	12

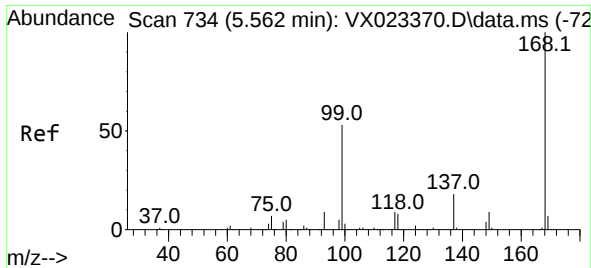
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
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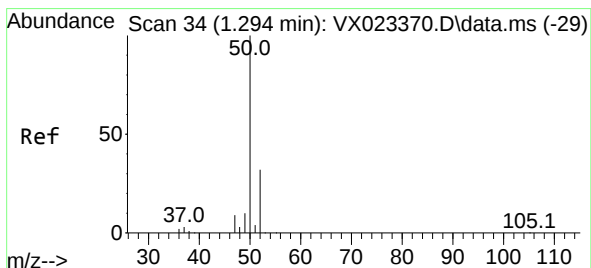
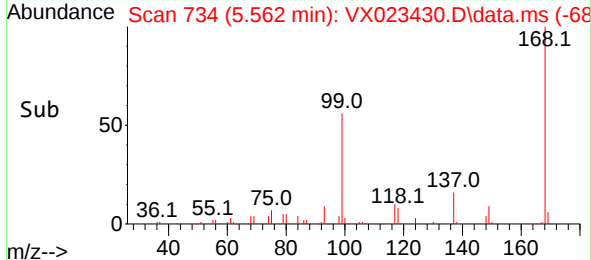
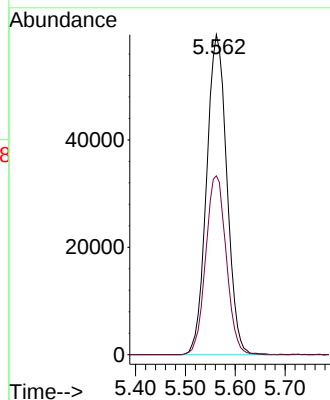
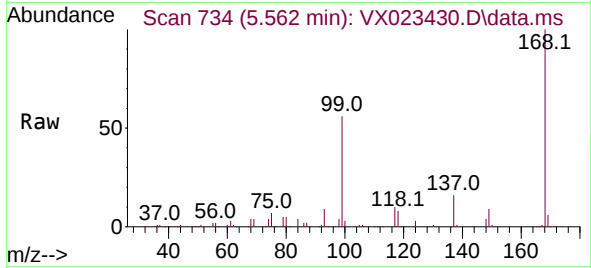




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

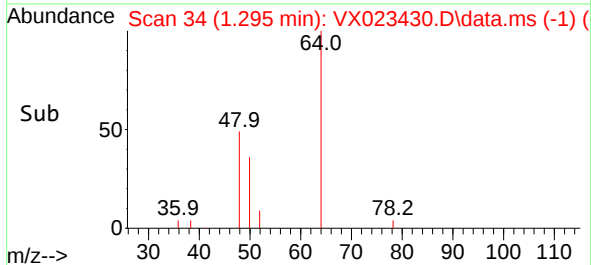
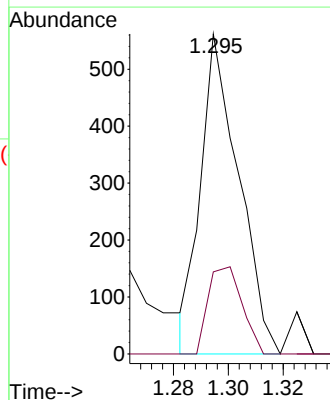
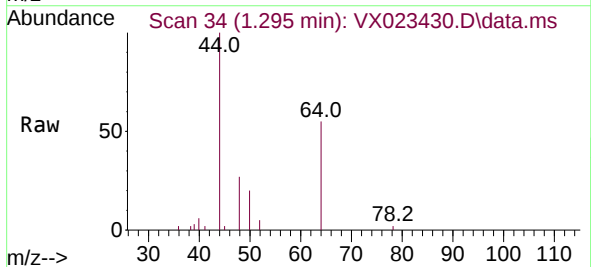
Instrument :
MSVOA_X
ClientSampleId :

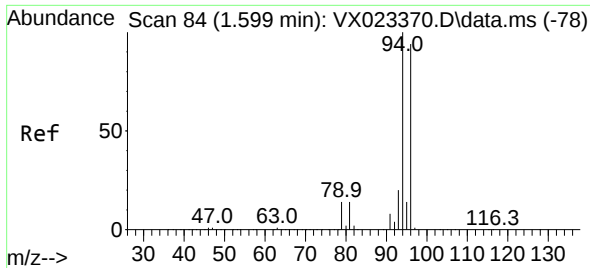
Tgt Ion:168 Resp: 168185
Ion Ratio Lower Upper
168 100
99 55.9 45.8 68.6



#3
Chloromethane
Concen: 0.299 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Tgt Ion: 50 Resp: 539
Ion Ratio Lower Upper
50 100
52 25.6 26.4 39.6#

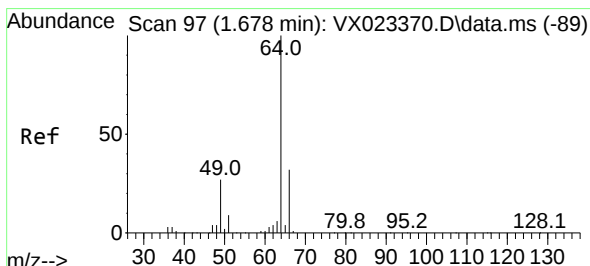
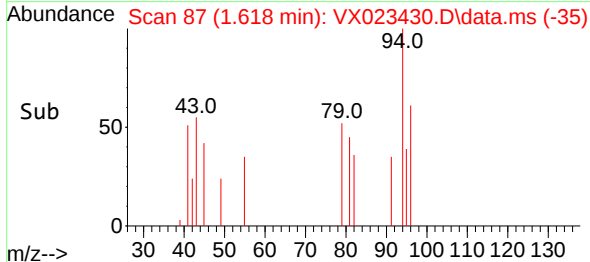
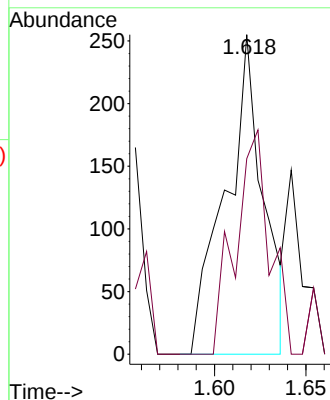
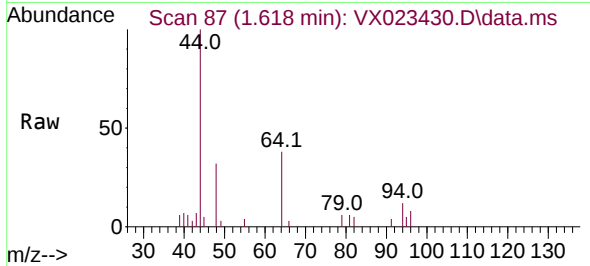




#5
Bromomethane
Concen: 0.337 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

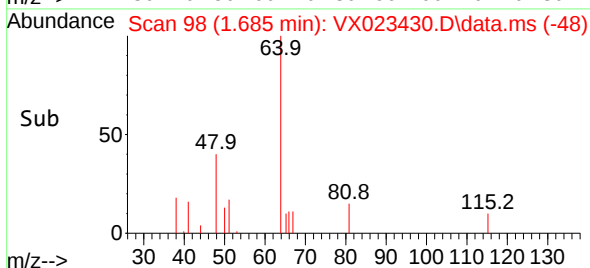
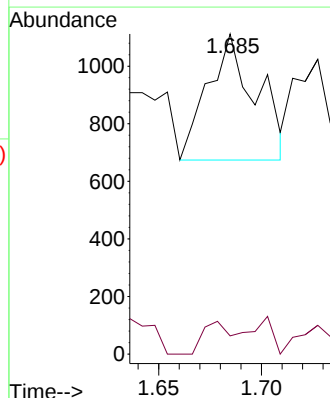
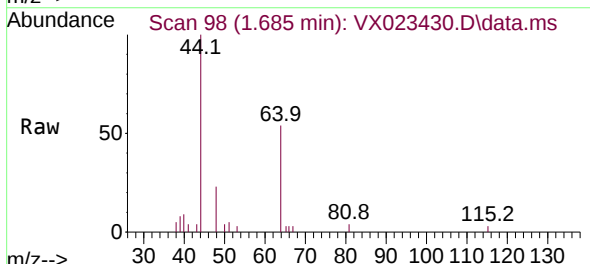
Instrument :
MSVOA_X
ClientSampled :

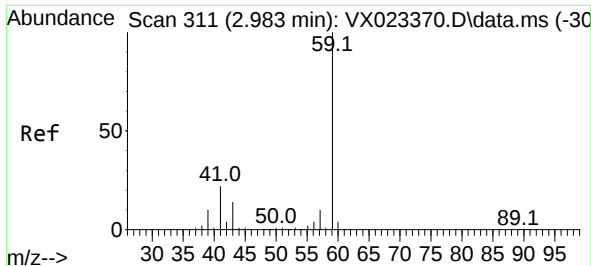
Tgt Ion: 94 Resp: 365
Ion Ratio Lower Upper
94 100
96 61.2 76.4 114.6#



#6
Chloroethane
Concen: 0.634 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Tgt Ion: 64 Resp: 710
Ion Ratio Lower Upper
64 100
66 14.4 25.4 38.0#



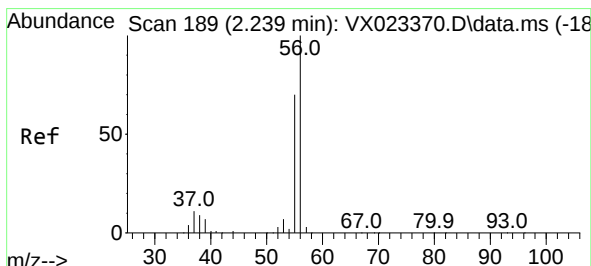
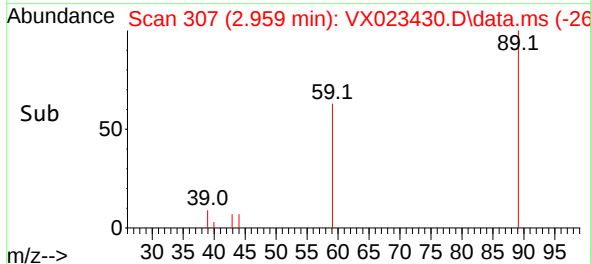
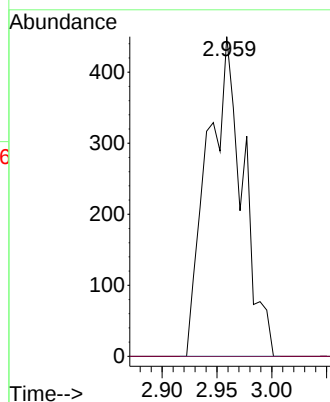
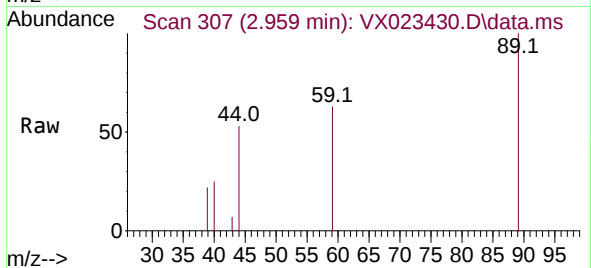


#11

Tert butyl alcohol
Concen: 2.124 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Instrument :
MSVOA_X
ClientSampled :

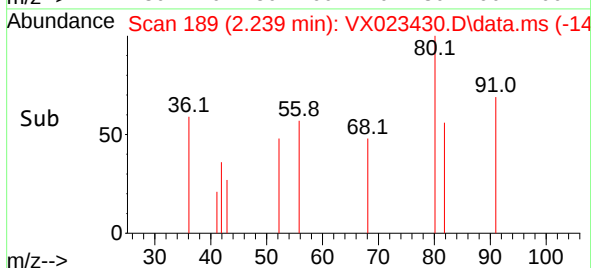
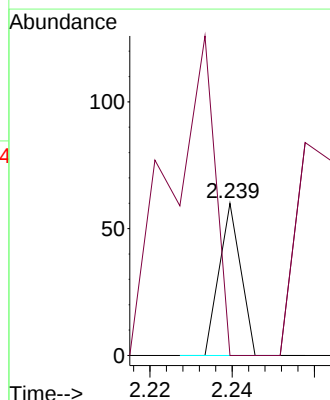
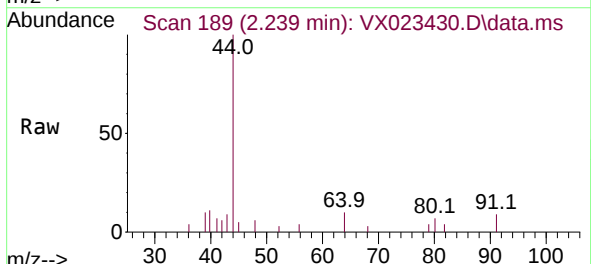
Tgt Ion: 59 Resp: 1018
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

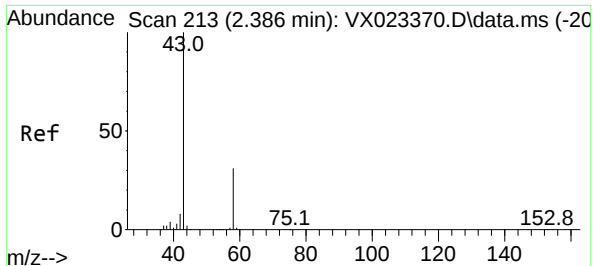


#13

Acrolein
Concen: 1.454 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 436.4 56.4 84.6#

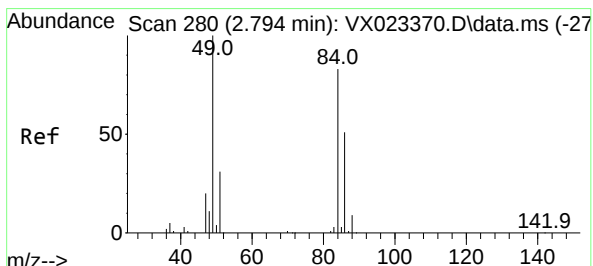
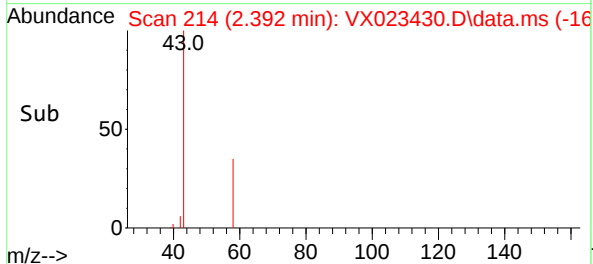
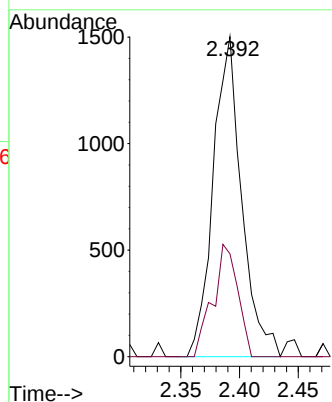
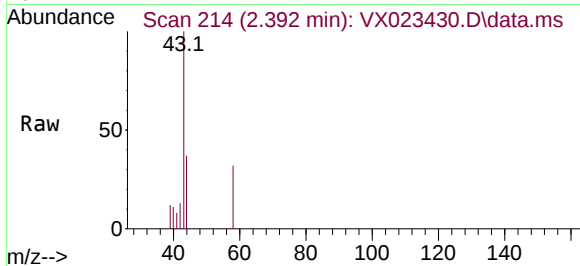




#16
Acetone
Concen: 2.459 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

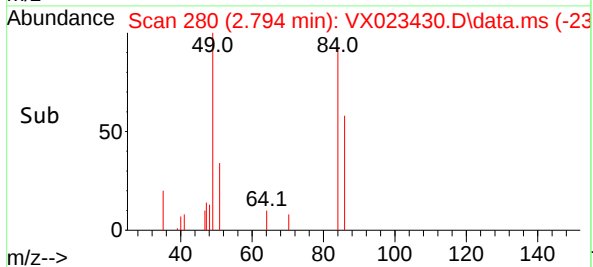
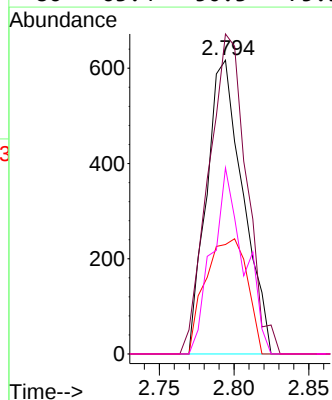
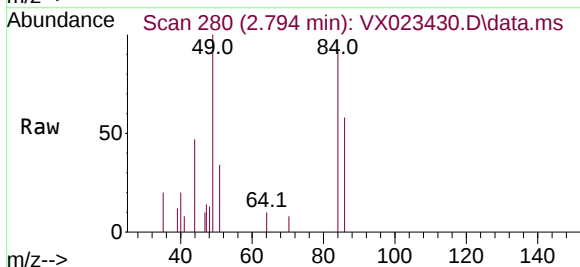
Instrument :
MSVOA_X
ClientSampled :

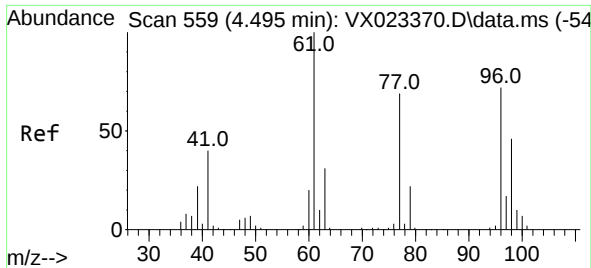
Tgt Ion: 43 Resp: 2531
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.521 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Tgt Ion: 84 Resp: 1043
Ion Ratio Lower Upper
84 100
49 108.9 88.6 132.8
51 37.3 27.0 40.6
86 63.4 50.3 75.5





#27

cis-1,2-Dichloroethene

Concen: 4.879 ug/l

RT: 4.507 min Scan# 561

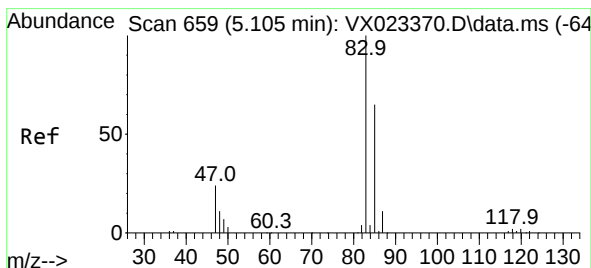
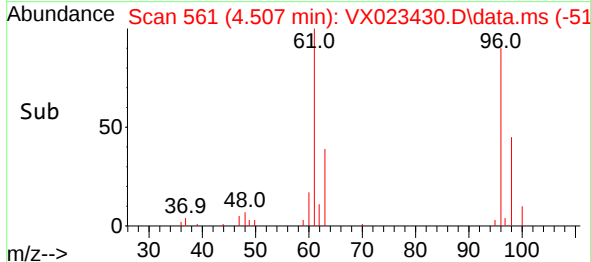
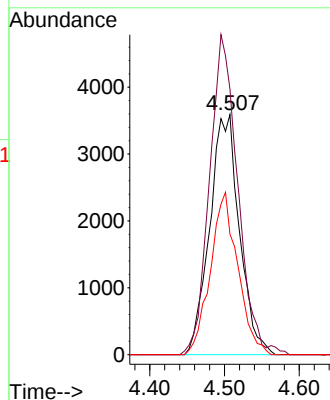
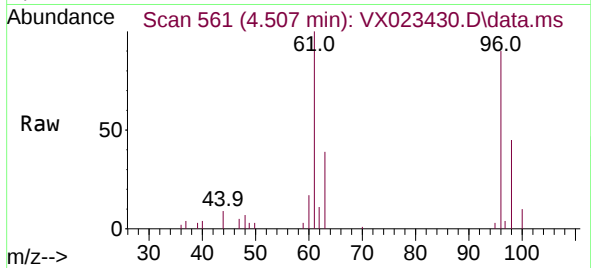
Delta R.T. 0.012 min

Lab File: VX023430.D

Acq: 23 Jul 2021 17:46

Tgt Ion: 96 Resp: 9947

Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	285.6
98	62.2	0.0	129.6



#30

Chloroform

Concen: 0.361 ug/l

RT: 5.111 min Scan# 660

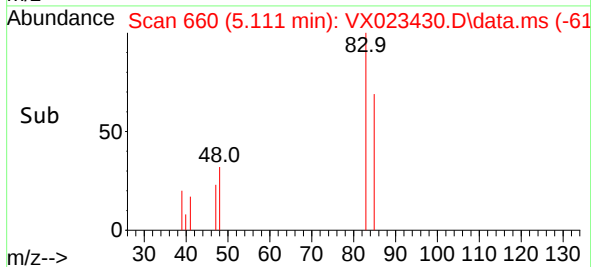
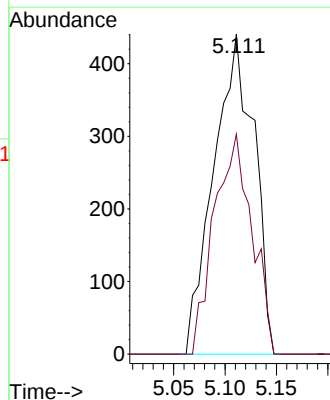
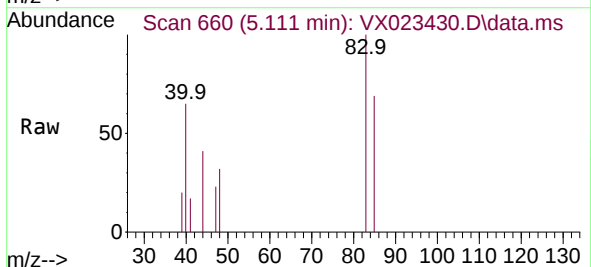
Delta R.T. 0.006 min

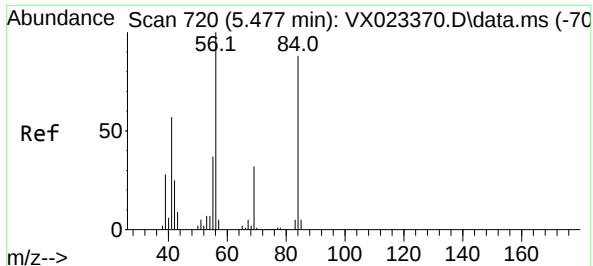
Lab File: VX023430.D

Acq: 23 Jul 2021 17:46

Tgt Ion: 83 Resp: 1203

Ion	Ratio	Lower	Upper
83	100		
85	68.7	52.0	78.0

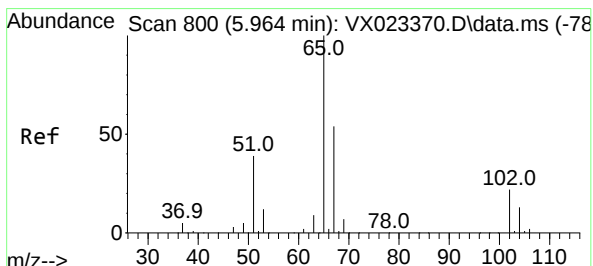
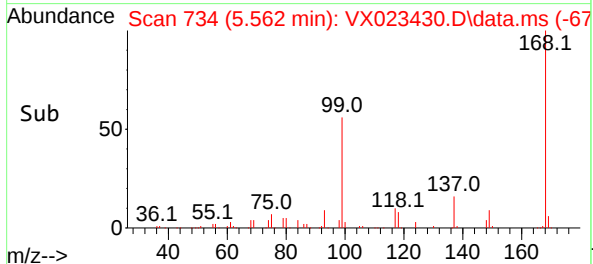
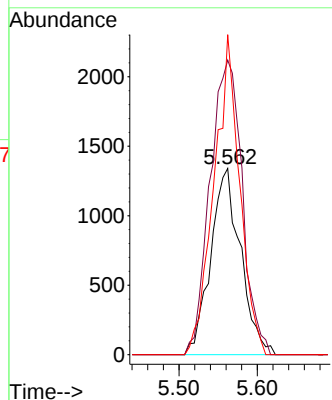
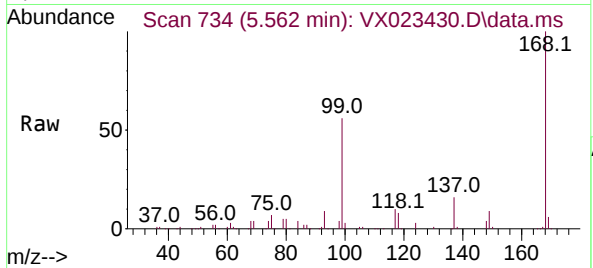




#31
Cyclohexane
Concen: 1.144 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

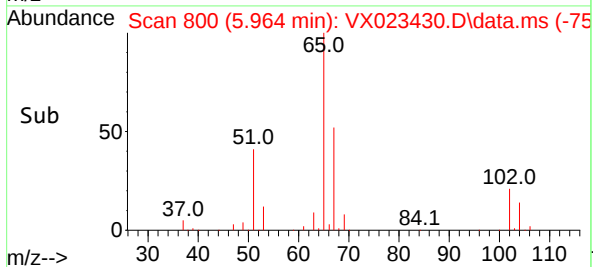
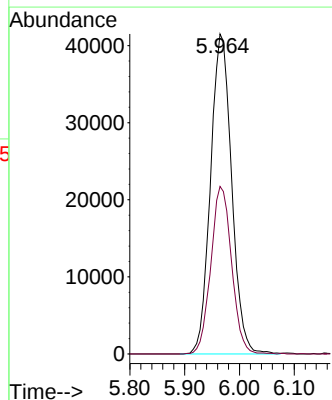
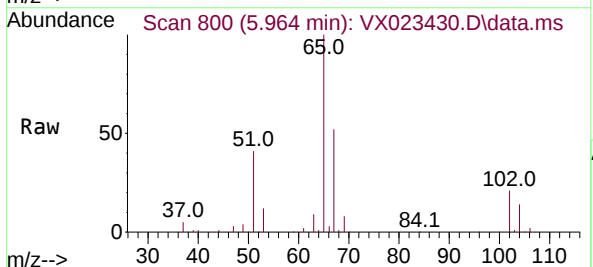
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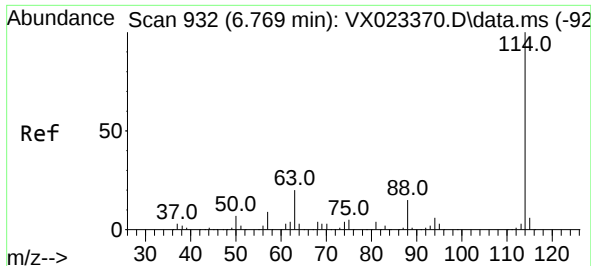
Tgt Ion: 56 Resp: 3556
Ion Ratio Lower Upper
56 100
69 158.2 25.3 37.9#
84 171.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.905 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Tgt Ion: 65 Resp: 110993
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

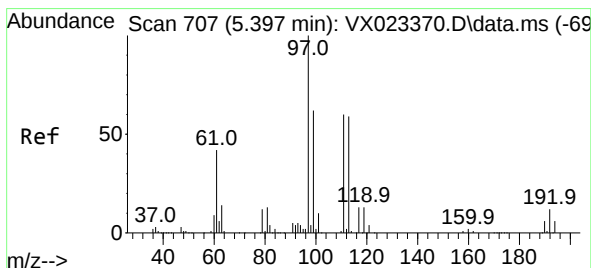
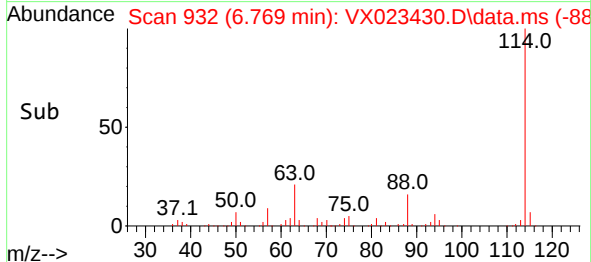
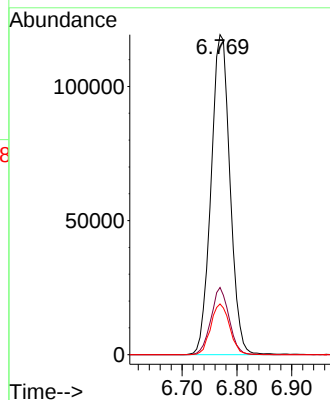
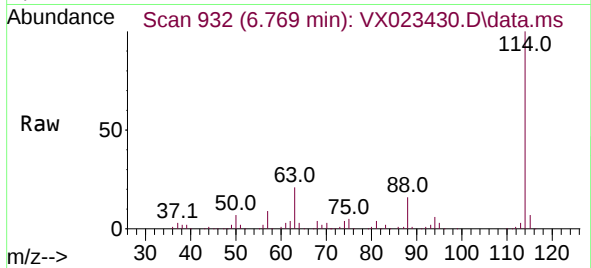




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

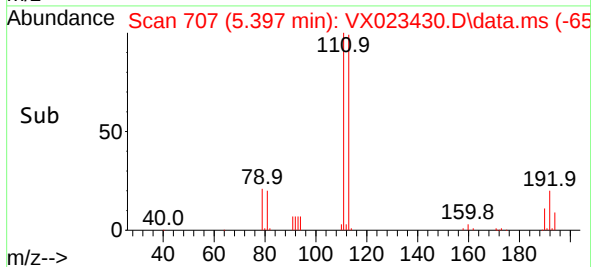
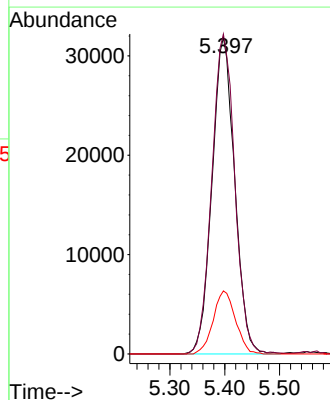
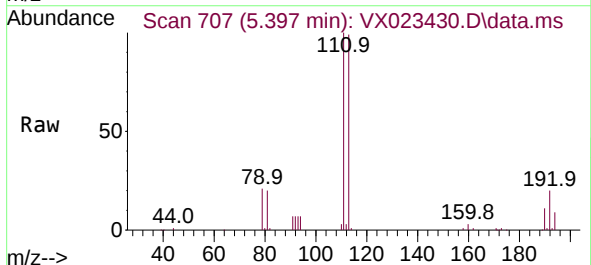
Instrument :
MSVOA_X
ClientSampled :

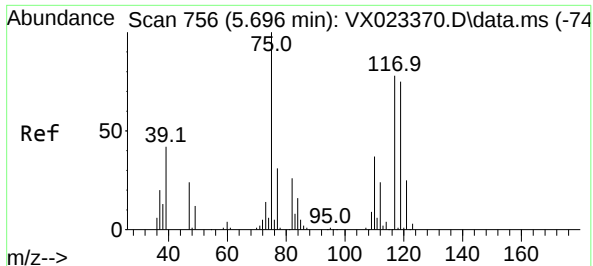
Tgt Ion:114 Resp: 286317
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.904 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Tgt Ion:113 Resp: 91127
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 19.7 16.7 25.1

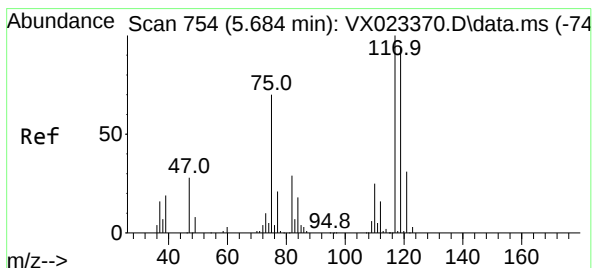
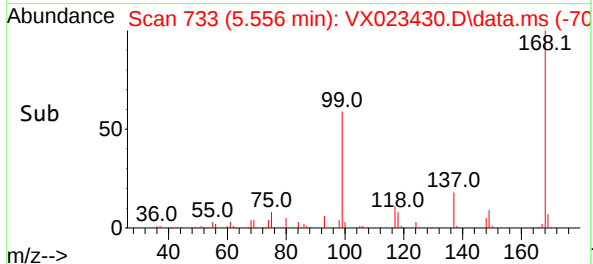
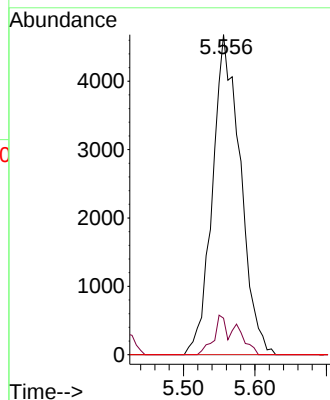
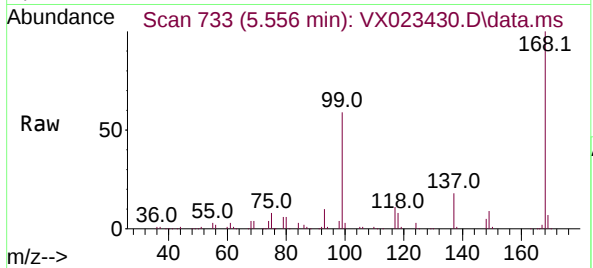




#36
1,1-Dichloropropene
Concen: 4.892 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

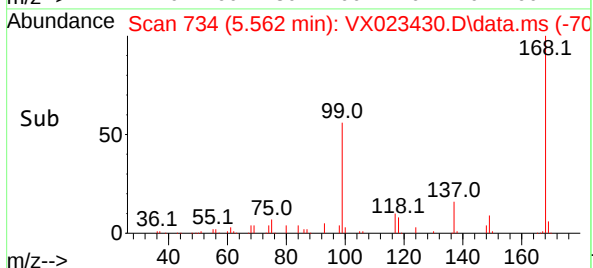
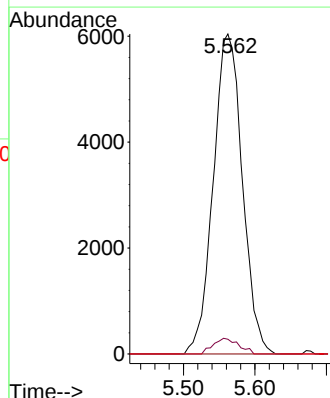
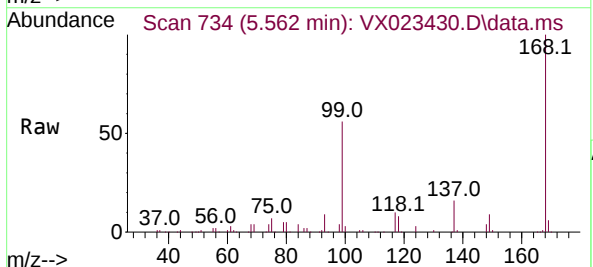
Instrument :
MSVOA_X
ClientSampleId :

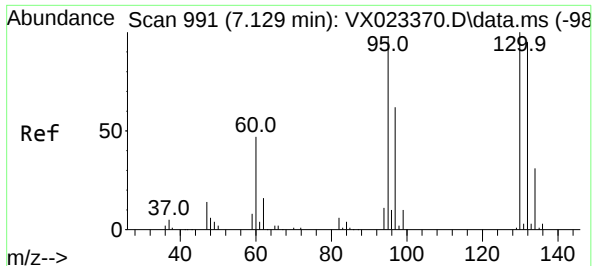
Tgt Ion: 75 Resp: 12670
Ion Ratio Lower Upper
75 100
110 5.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.483 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Tgt Ion: 117 Resp: 17077
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#





#44

Trichloroethene

Concen: 0.215 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.012 min

Lab File: VX023430.D

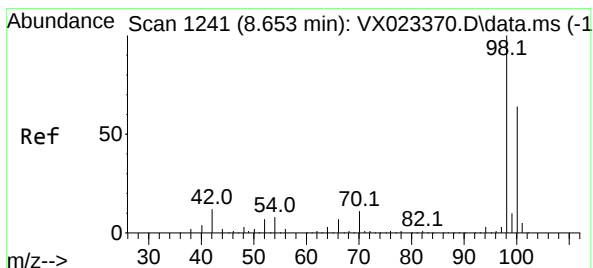
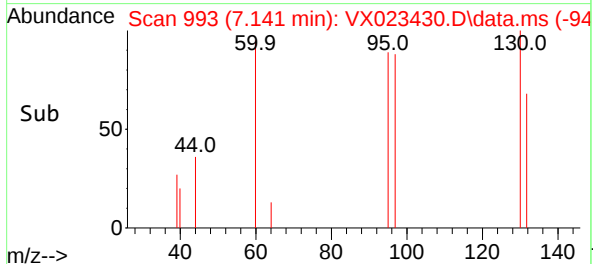
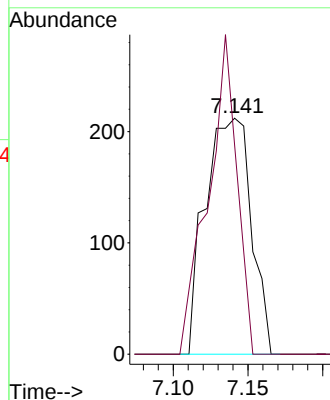
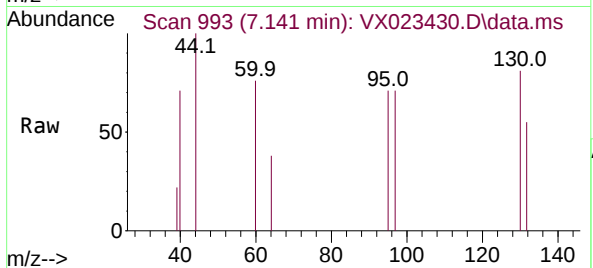
Acq: 23 Jul 2021 17:46

Tgt Ion:130 Resp: 454

Ion Ratio Lower Upper

130 100

95 88.7 0.0 198.0



#50

Toluene-d8

Concen: 50.940 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023430.D

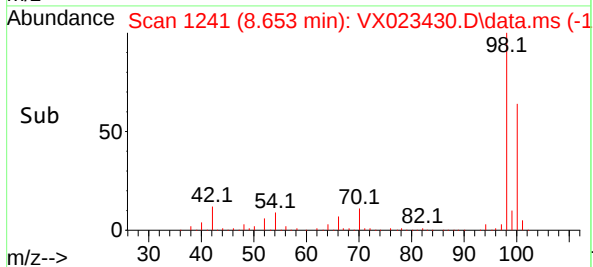
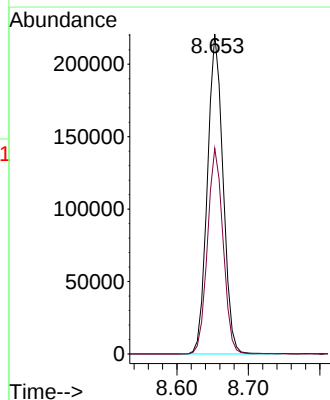
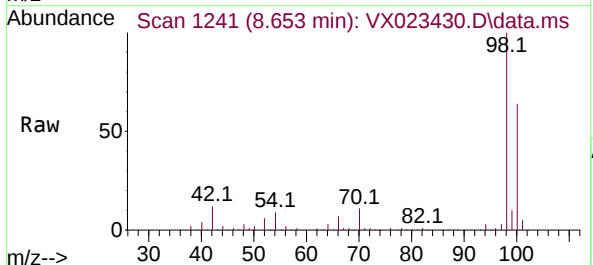
Acq: 23 Jul 2021 17:46

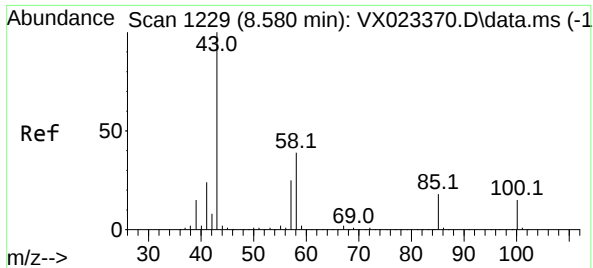
Tgt Ion: 98 Resp: 335044

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9

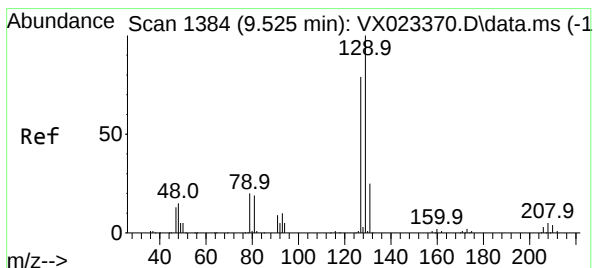
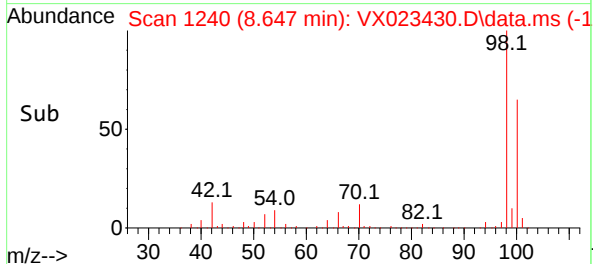
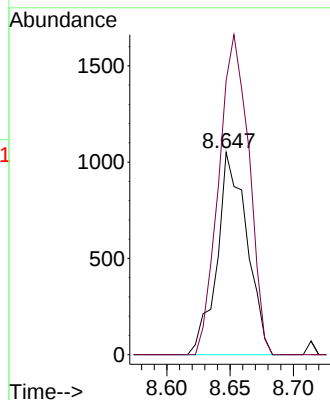
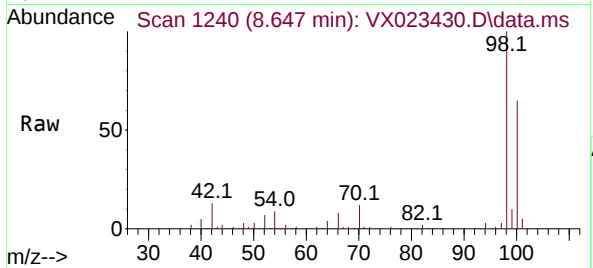




#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

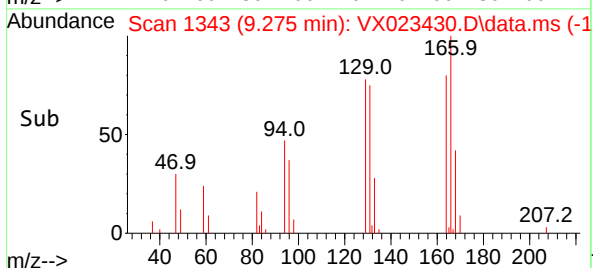
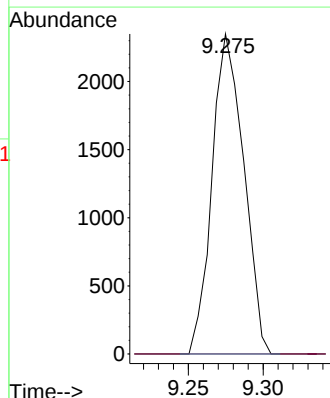
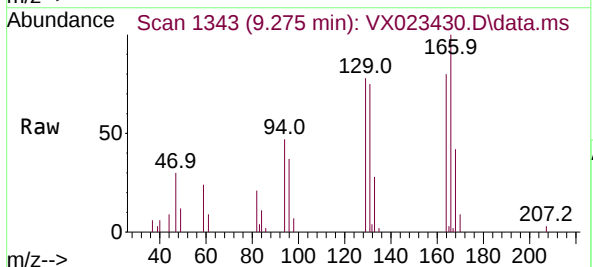
Instrument :
MSVOA_X
ClientSampled :

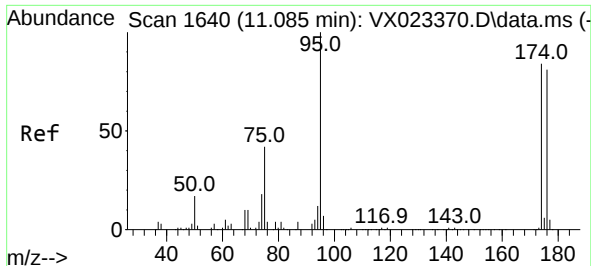
Tgt Ion: 43 Resp: 1721
Ion Ratio Lower Upper
43 100
58 160.6 35.4 53.0#



#60
Dibromochloromethane
Concen: 3.541 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Tgt Ion: 129 Resp: 3463
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

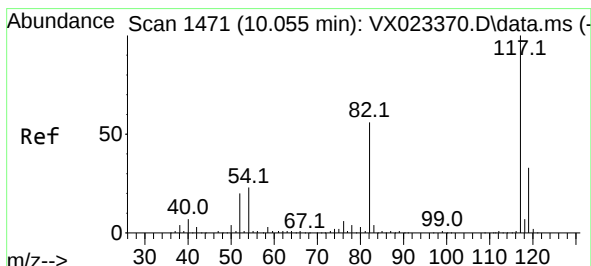
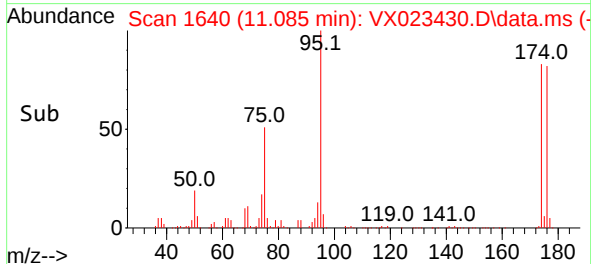
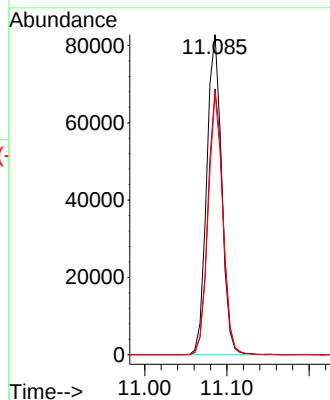
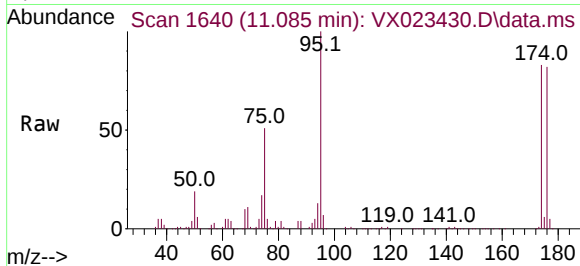




#62
4-Bromofluorobenzene
Concen: 46.566 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

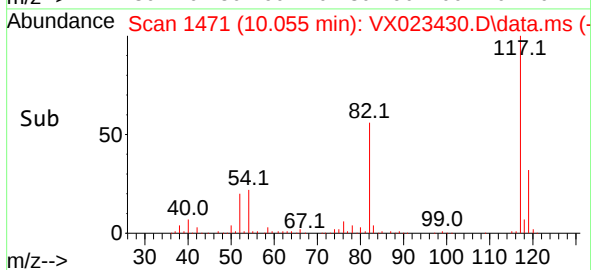
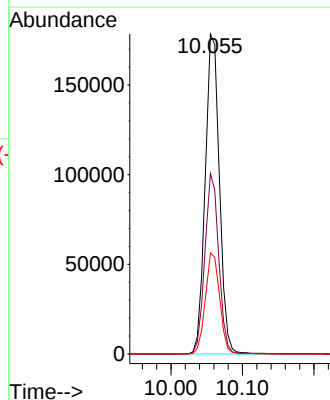
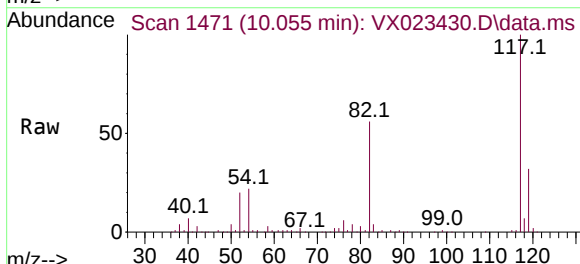
Instrument :
MSVOA_X
ClientSampled :

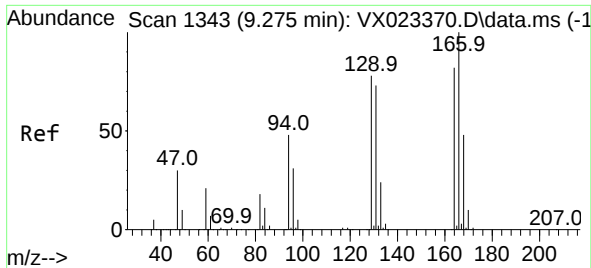
Tgt Ion: 95 Resp: 104145
Ion Ratio Lower Upper
95 100
174 83.1 0.0 154.6
176 79.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

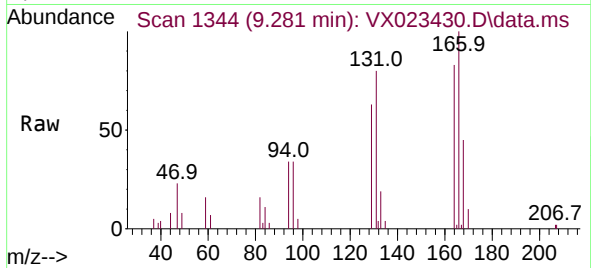
Tgt Ion: 117 Resp: 247108
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.6 26.6 39.8



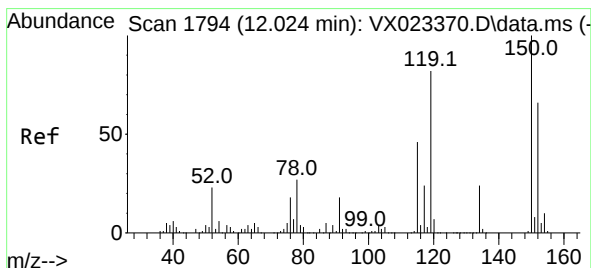
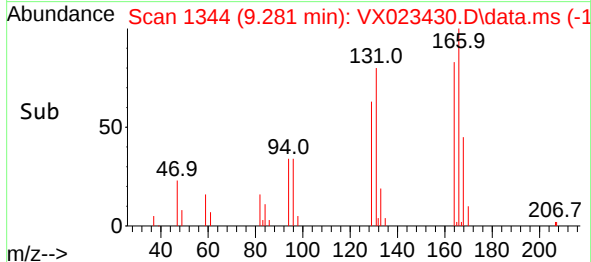
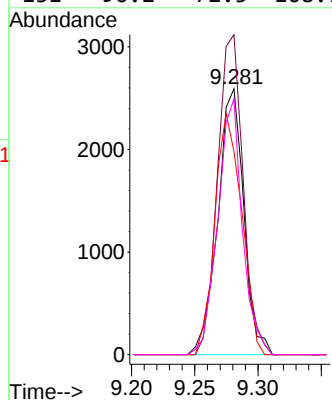


#64
Tetrachloroethene
Concen: 1.879 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Instrument :
MSVOA_X
ClientSampled :

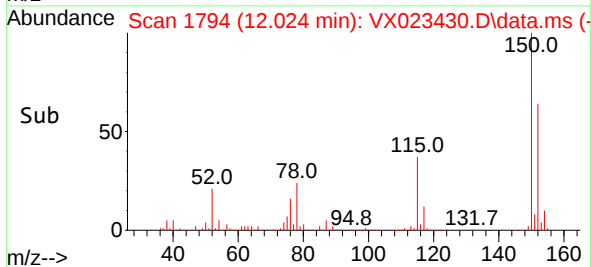
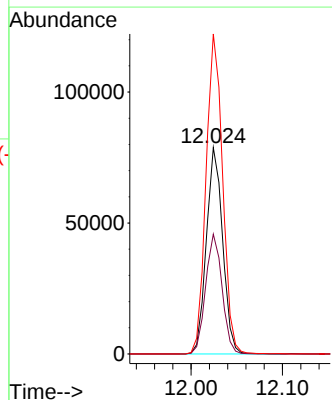
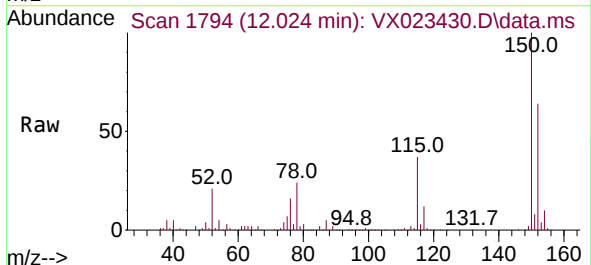


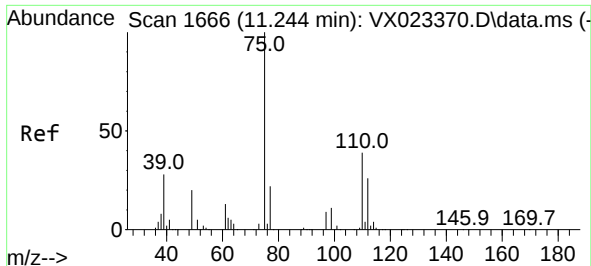
Tgt Ion:164 Resp: 3695
Ion Ratio Lower Upper
164 100
166 120.3 103.4 155.2
129 76.4 70.8 106.2
131 96.2 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Tgt Ion:152 Resp: 97320
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 157.3 0.0 349.0

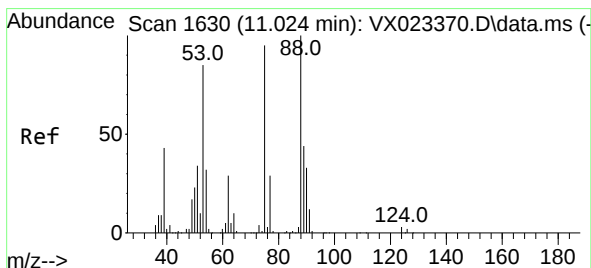
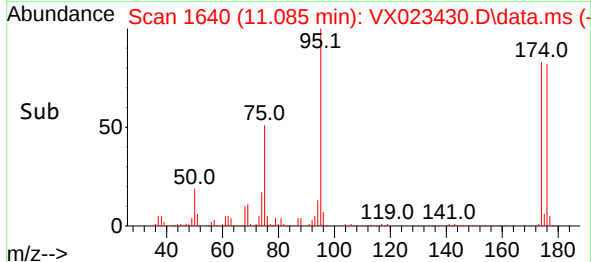
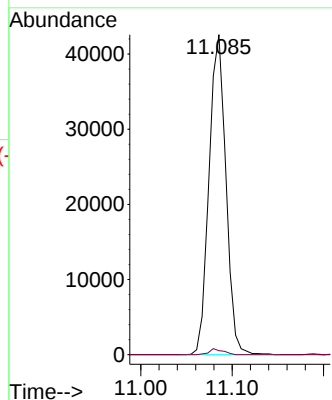
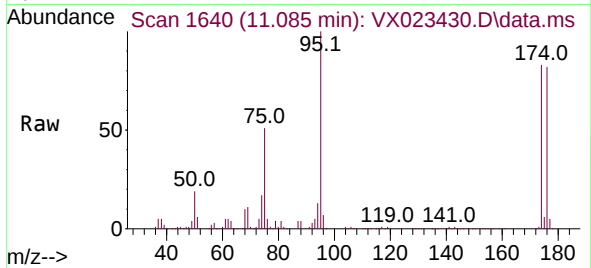




#76
1,2,3-Trichloropropane
Concen: 25.465 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 54535
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.471 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023430.D
Acq: 23 Jul 2021 17:46

Tgt Ion: 75 Resp: 54535
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

