

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023433.D
 Acq On : 23 Jul 2021 18:57
 Operator : JC/MD
 Sample : M3145-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:46:26 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)

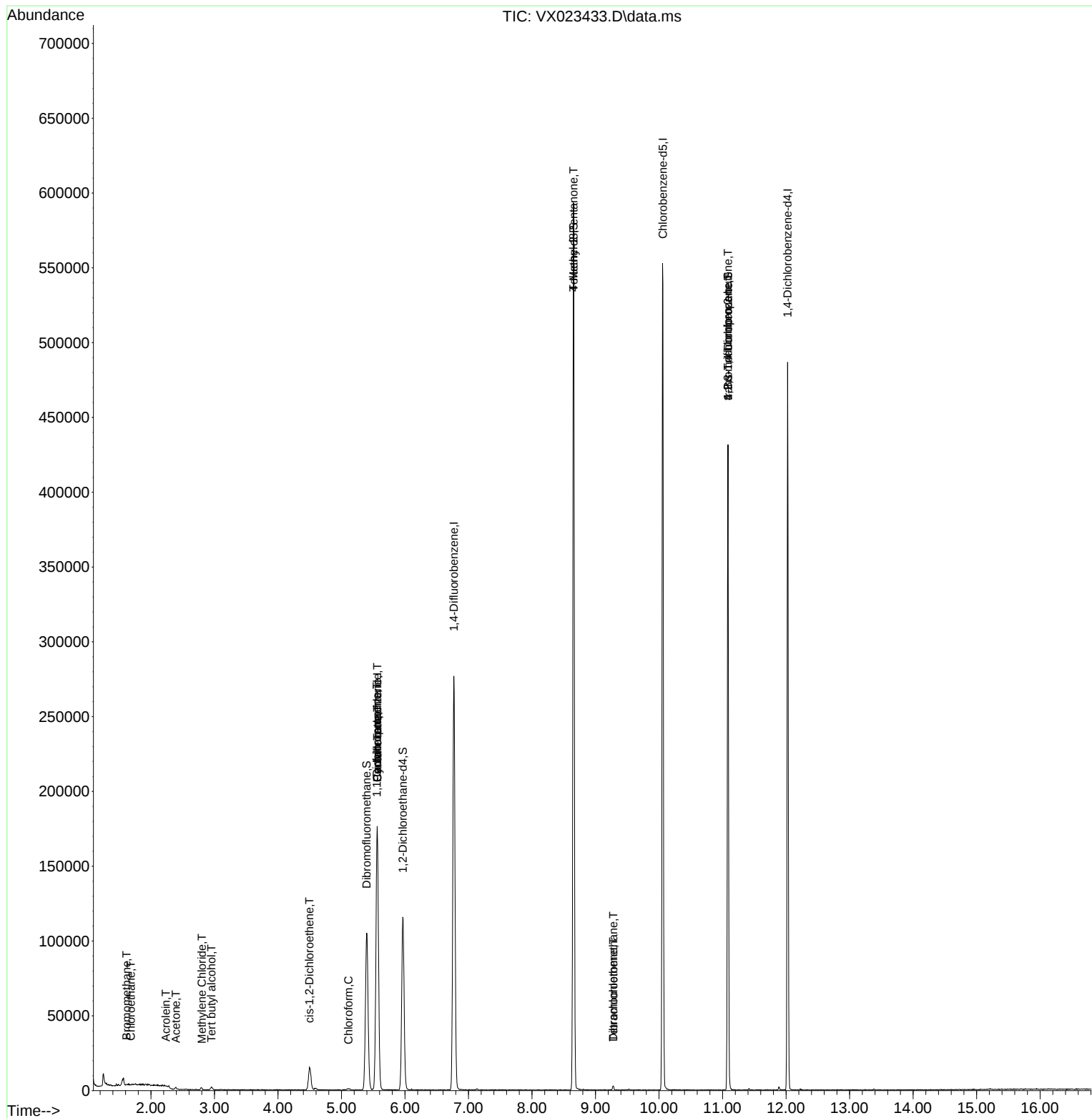
Internal Standards						
1) Pentafluorobenzene	5.562	168	169805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	285349	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	252952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110360	52.102	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.200%		
35) Dibromofluoromethane	5.397	113	90123	50.514	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.020%		
50) Toluene-d8	8.653	98	339280	51.759	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.520%		
62) 4-Bromofluorobenzene	11.085	95	106588	47.820	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 95.640%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	402	0.368	ug/l #	60
6) Chloroethane	1.684	64	234	0.207	ug/l #	43
11) Tert butyl alcohol	2.952	59	1206	2.492	ug/l #	73
13) Acrolein	2.233	56	51	1.570	ug/l #	1
16) Acetone	2.391	43	1514	1.457	ug/l	91
20) Methylene Chloride	2.800	84	697	0.345	ug/l	84
27) cis-1,2-Dichloroethene	4.495	96	9643	4.685	ug/l	91
30) Chloroform	5.111	83	1127	0.335	ug/l	91
31) Cyclohexane	5.562	56	3552	1.132	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12590	4.877	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16368	6.235	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1477	0.479	ug/l #	1
60) Dibromochloromethane	9.280	129	437	2.180	ug/l #	11
64) Tetrachloroethene	9.280	164	461	0.229	ug/l #	79
76) 1,2,3-Trichloropropane	11.085	75	54392	24.836	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54392	66.780	ug/l #	12

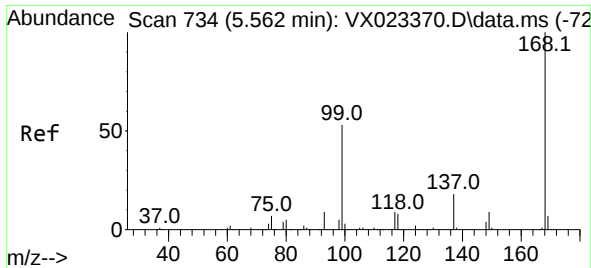
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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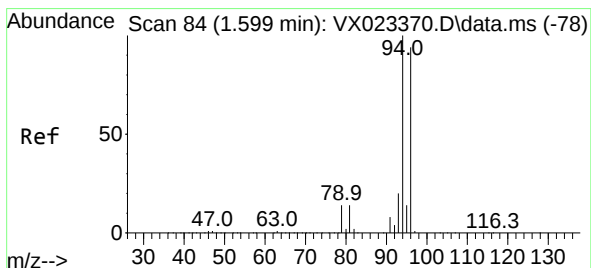
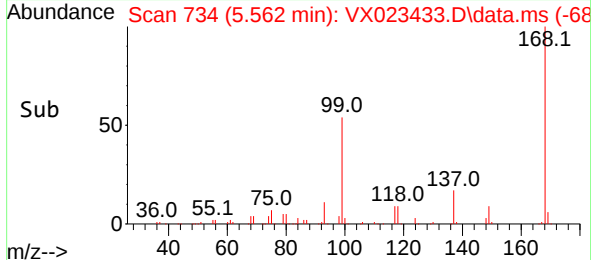
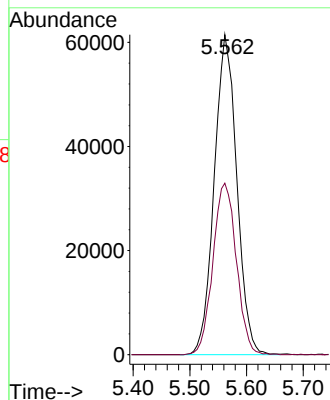
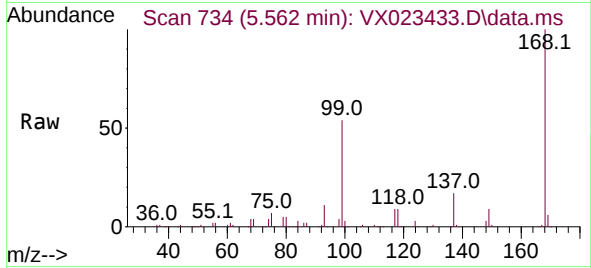




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

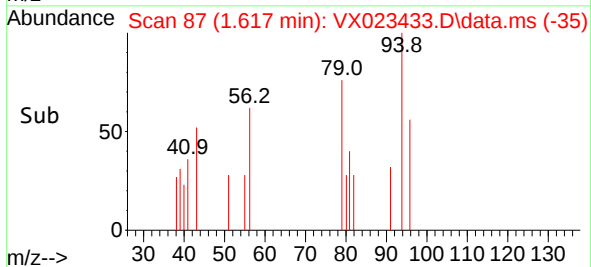
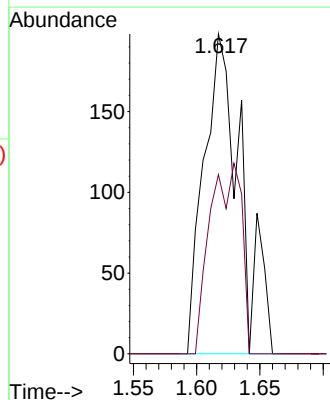
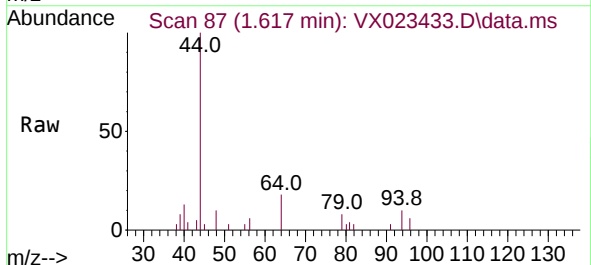
Instrument :
MSVOA_X
ClientSampleId :

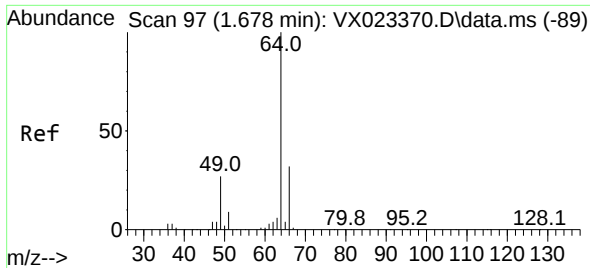
Tgt Ion:168 Resp: 169805
Ion Ratio Lower Upper
168 100
99 53.6 45.8 68.6



#5
Bromomethane
Concen: 0.368 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

Tgt Ion: 94 Resp: 402
Ion Ratio Lower Upper
94 100
96 56.1 76.4 114.6#

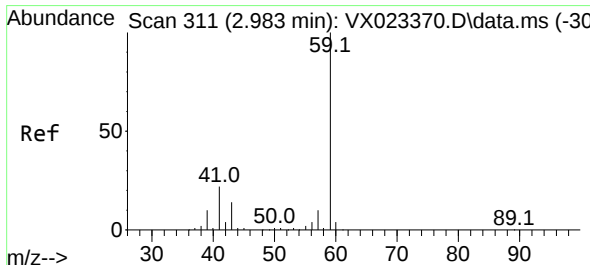
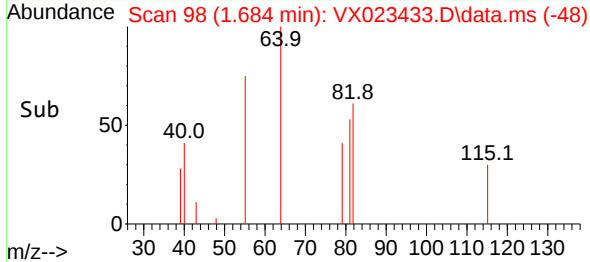
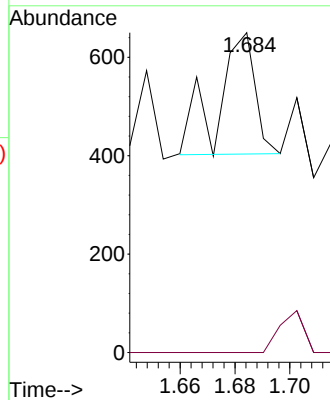
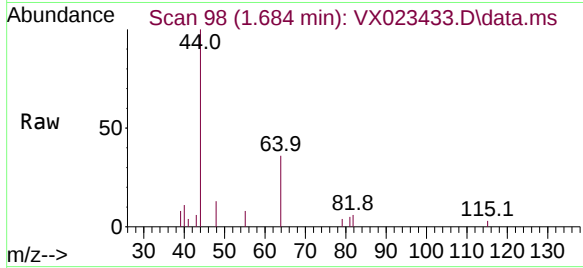




#6
Chloroethane
Concen: 0.207 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

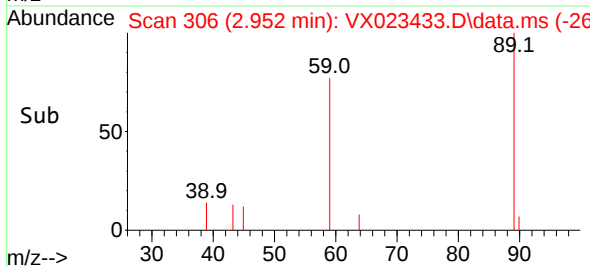
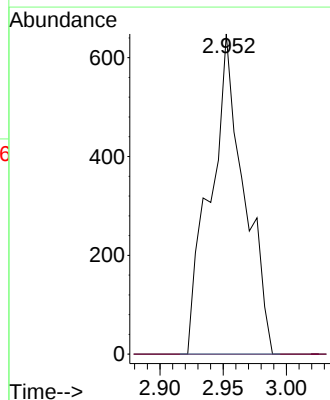
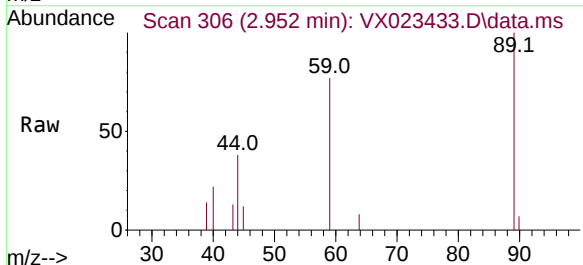
Instrument :
MSVOA_X
ClientSampled :

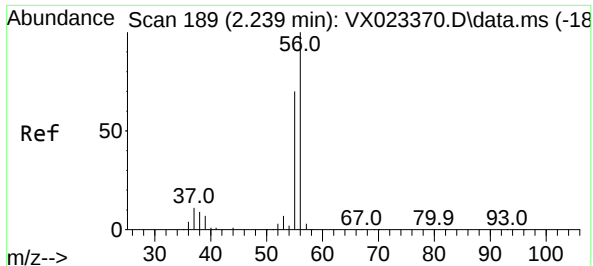
Tgt Ion: 64 Resp: 234
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 2.492 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

Tgt Ion: 59 Resp: 1206
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 1.570 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX023433.D

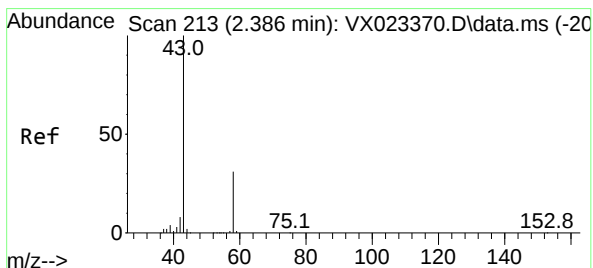
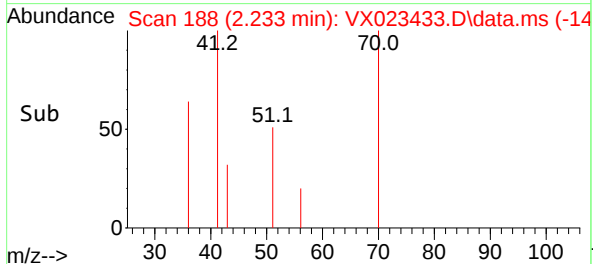
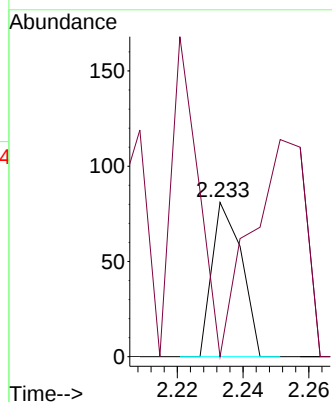
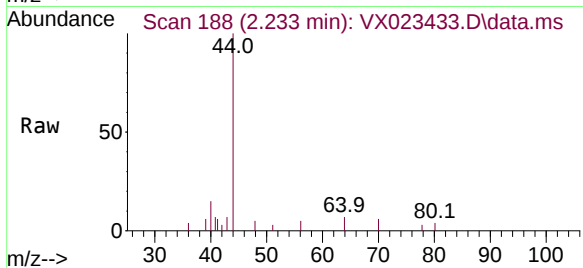
Acq: 23 Jul 2021 18:57

Tgt Ion: 56 Resp: 51

Ion Ratio Lower Upper

56 100

55 182.4 56.4 84.6#



#16

Acetone

Concen: 1.457 ug/l

RT: 2.391 min Scan# 214

Delta R.T. 0.005 min

Lab File: VX023433.D

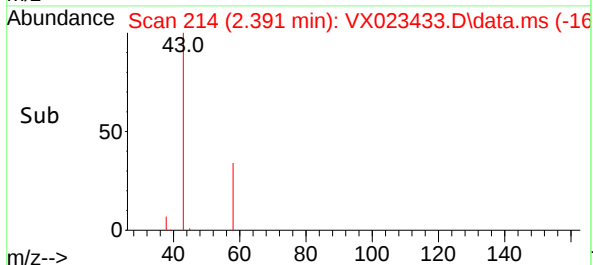
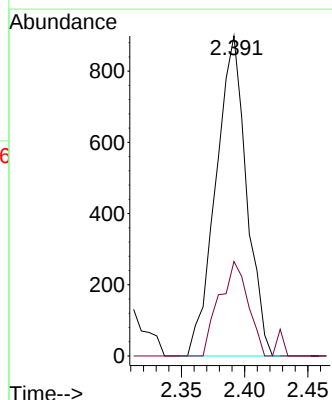
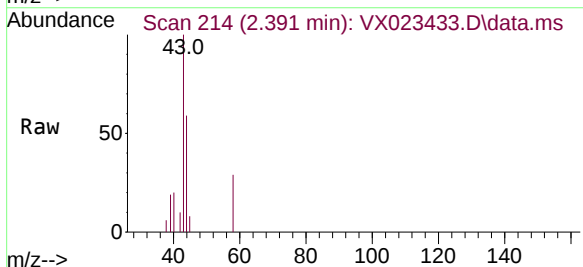
Acq: 23 Jul 2021 18:57

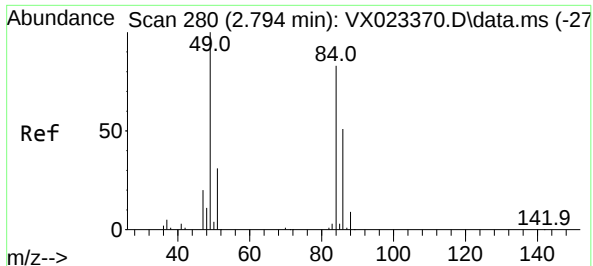
Tgt Ion: 43 Resp: 1514

Ion Ratio Lower Upper

43 100

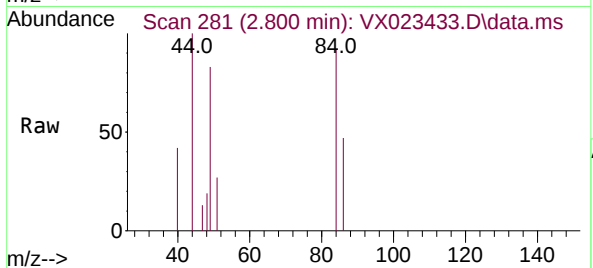
58 29.5 27.8 41.8



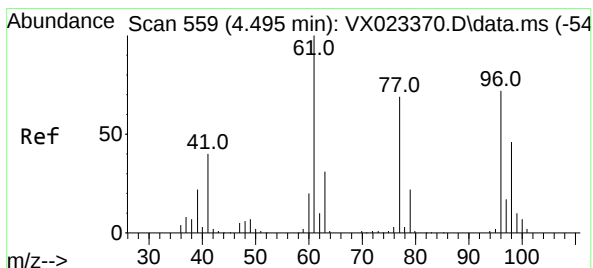
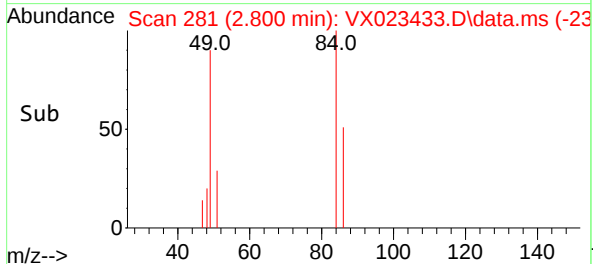
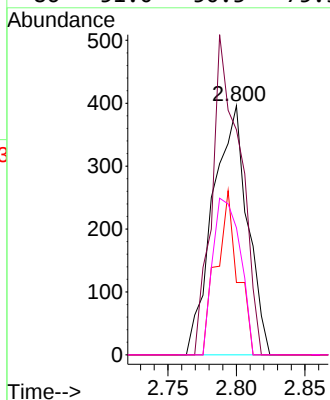


#20
Methylene Chloride
Concen: 0.345 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

Instrument :
MSVOA_X
ClientSampled :

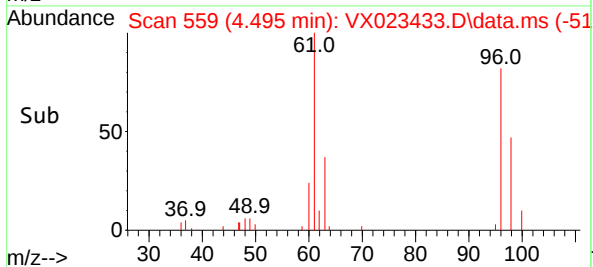
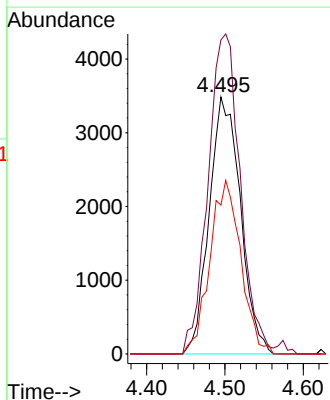
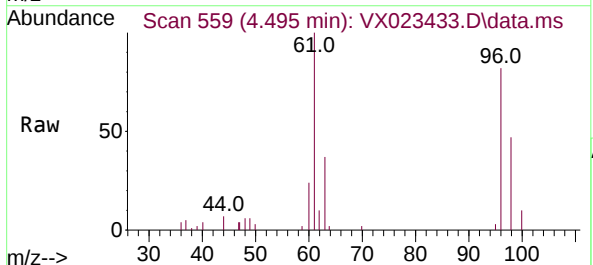


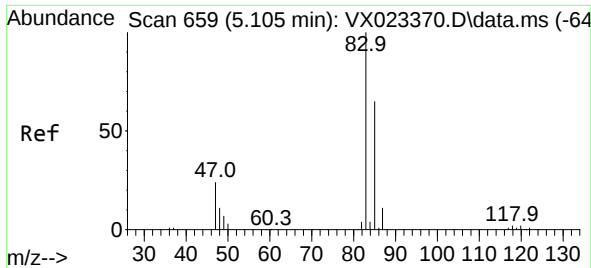
Tgt Ion:	84	Resp:	697
Ion	Ratio	Lower	Upper
84	100		
49	90.4	88.6	132.8
51	29.0	27.0	40.6
86	51.0	50.3	75.5



#27
cis-1,2-Dichloroethene
Concen: 4.685 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

Tgt Ion:	96	Resp:	9643
Ion	Ratio	Lower	Upper
96	100		
61	128.3	0.0	285.6
98	67.0	0.0	129.6

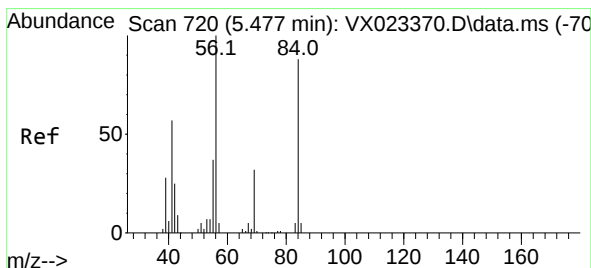
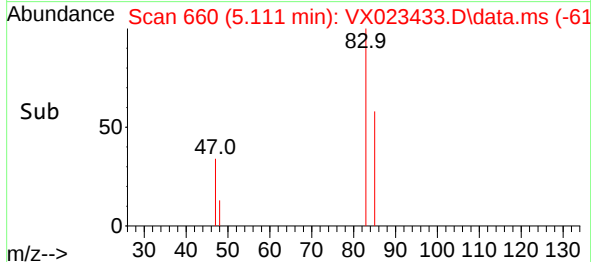
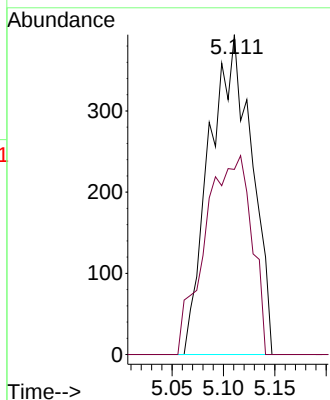
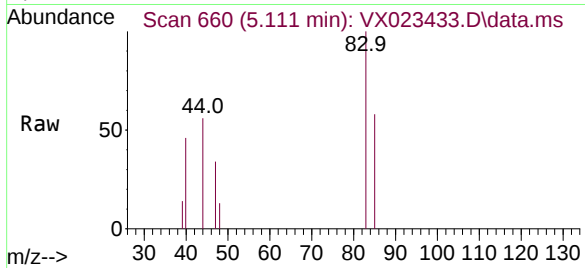




#30
Chloroform
Concen: 0.335 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.005 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

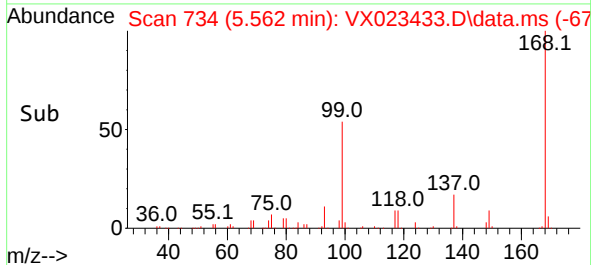
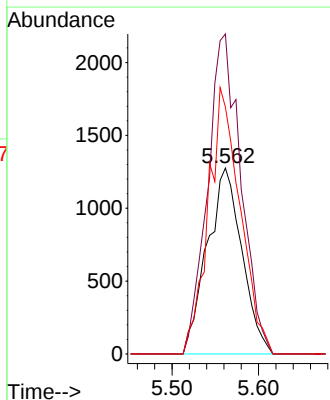
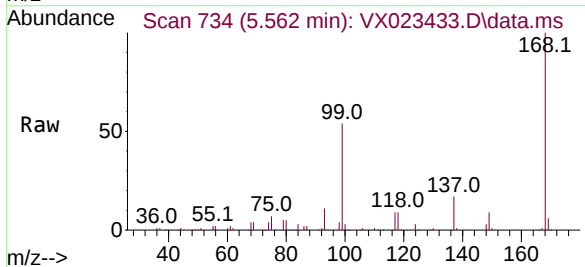
Instrument :
MSVOA_X
ClientSampled :

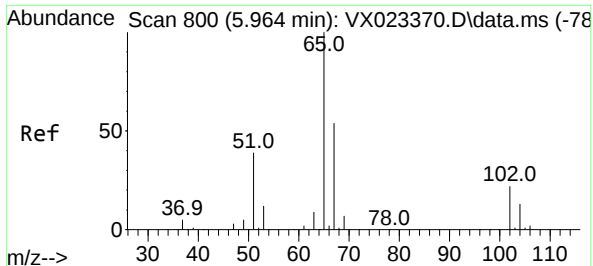
Tgt Ion: 83 Resp: 1127
Ion Ratio Lower Upper
83 100
85 57.9 52.0 78.0



#31
Cyclohexane
Concen: 1.132 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

Tgt Ion: 56 Resp: 3552
Ion Ratio Lower Upper
56 100
69 172.1 25.3 37.9#
84 132.8 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.102 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023433.D

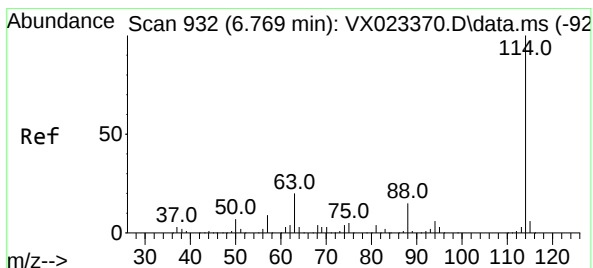
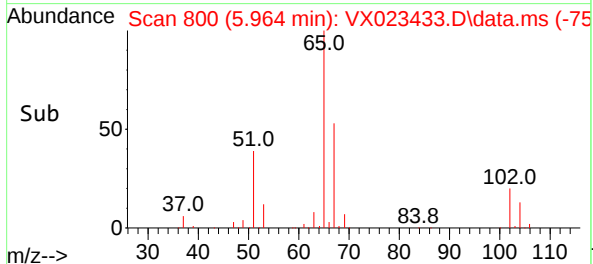
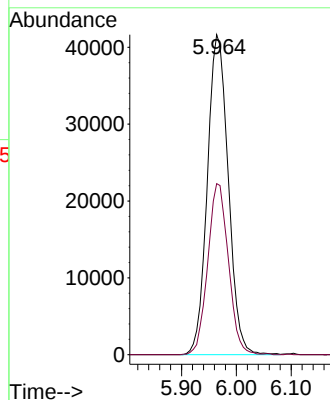
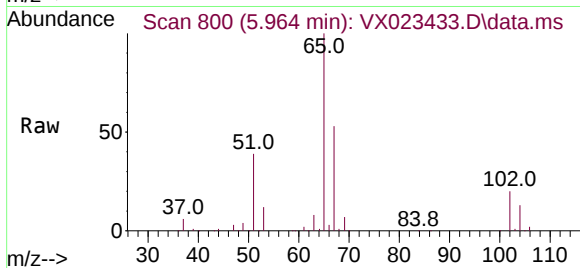
Acq: 23 Jul 2021 18:57

Tgt Ion: 65 Resp: 110360

Ion Ratio Lower Upper

65 100

67 52.7 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: VX023433.D

Acq: 23 Jul 2021 18:57

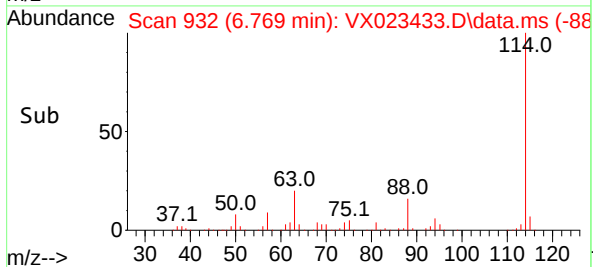
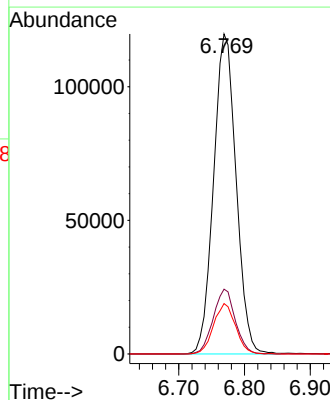
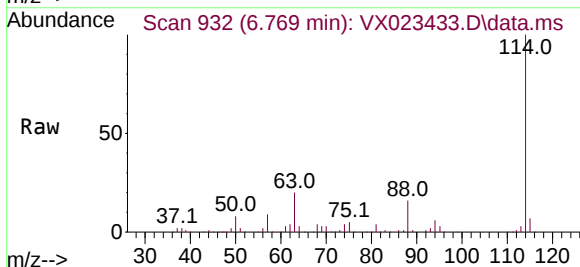
Tgt Ion: 114 Resp: 285349

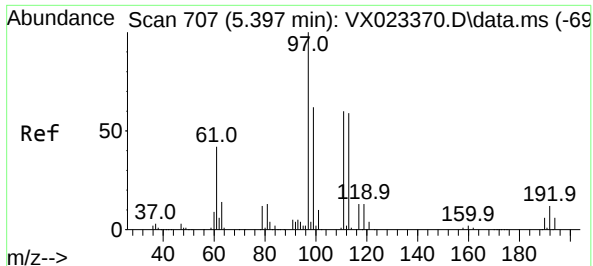
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.514 ug/l

RT: 5.397 min Scan# 707

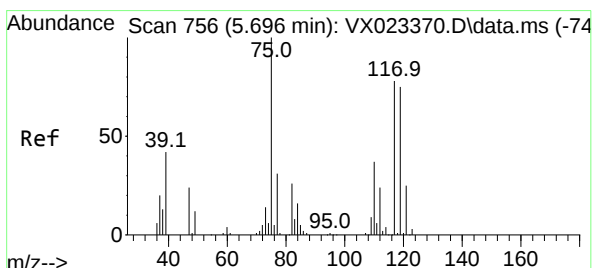
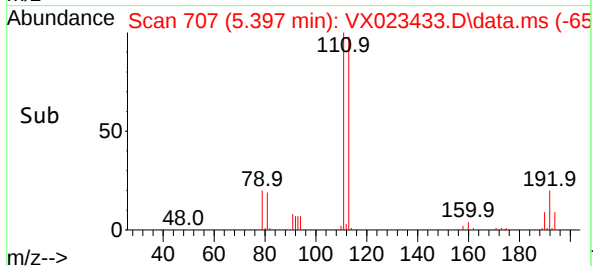
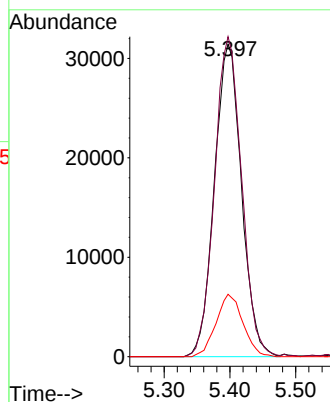
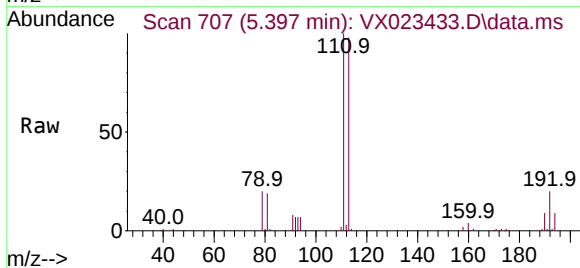
Delta R.T. 0.000 min

Lab File: VX023433.D

Acq: 23 Jul 2021 18:57

Tgt Ion:	113	Resp:	90123
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	19.8	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 4.877 ug/l

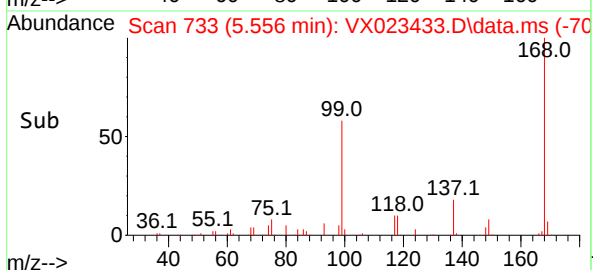
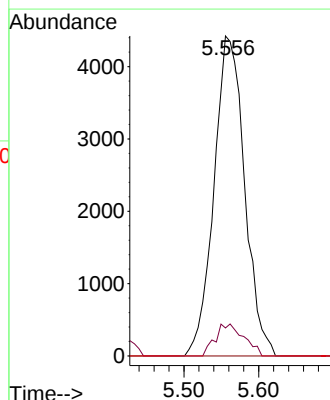
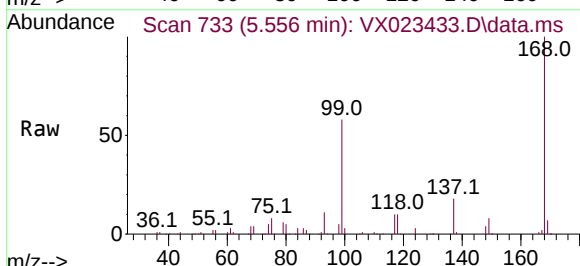
RT: 5.556 min Scan# 733

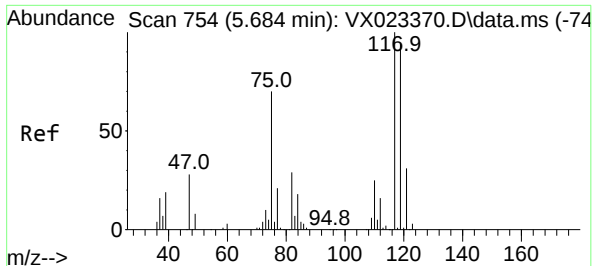
Delta R.T. -0.140 min

Lab File: VX023433.D

Acq: 23 Jul 2021 18:57

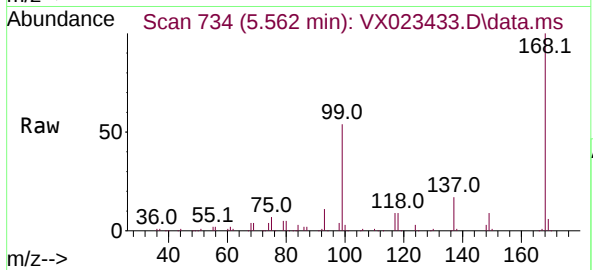
Tgt Ion:	75	Resp:	12590
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	25.3	37.9#



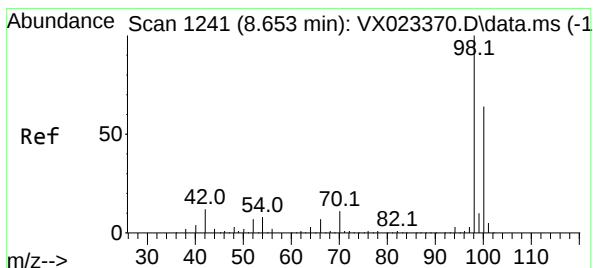
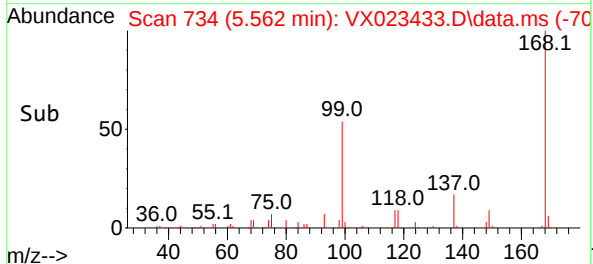
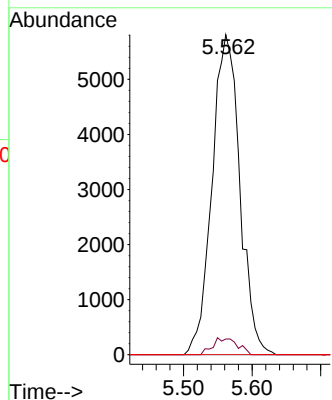


#38
Carbon Tetrachloride
Concen: 6.235 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

Instrument :
MSVOA_X
ClientSampled :

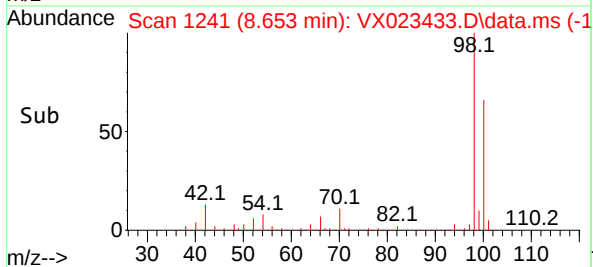
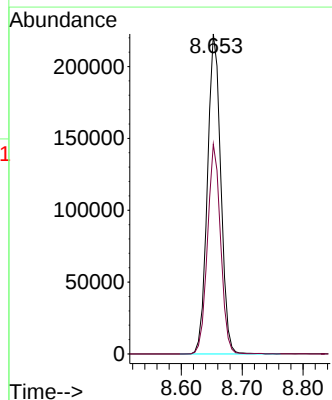
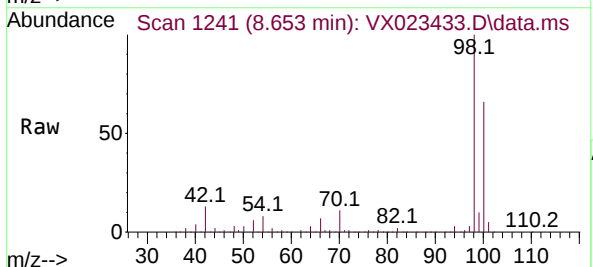


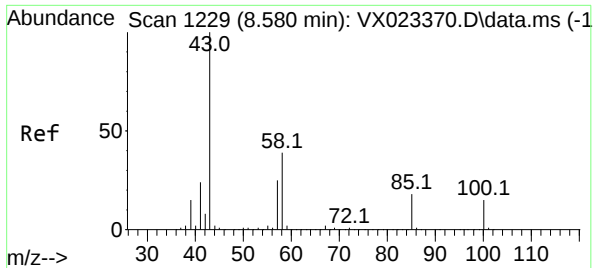
Tgt Ion:117 Resp: 16368
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.759 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

Tgt Ion: 98 Resp: 339280
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

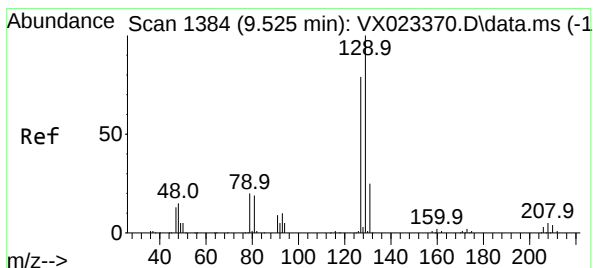
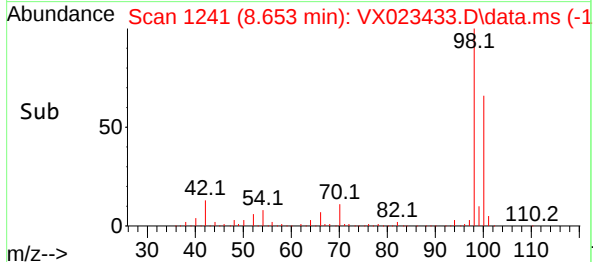
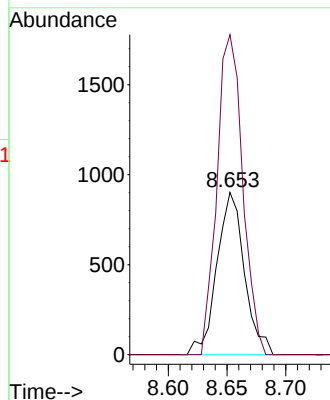
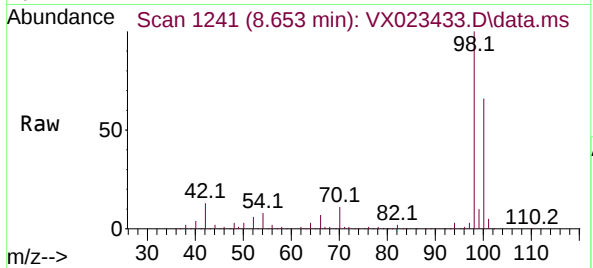




#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

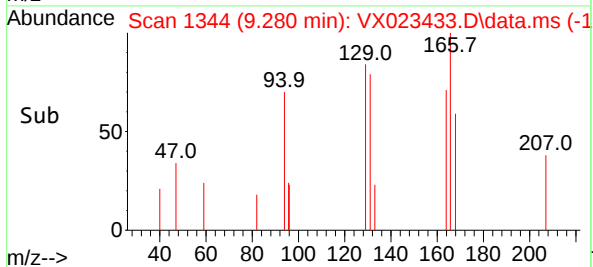
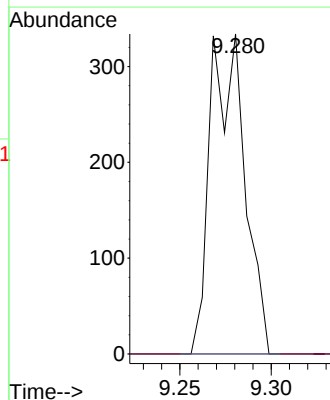
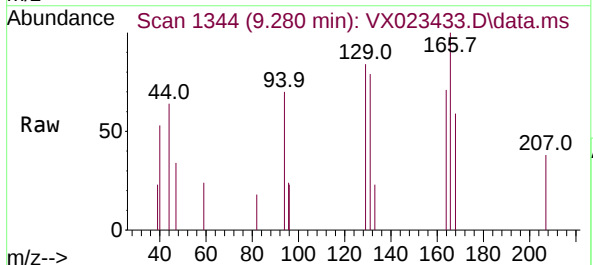
Instrument :
MSVOA_X
ClientSampled :

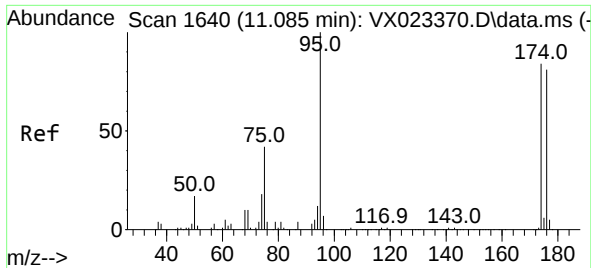
Tgt Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
58 183.7 35.4 53.0#



#60
Dibromochloromethane
Concen: 2.180 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. -0.245 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

Tgt Ion: 129 Resp: 437
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

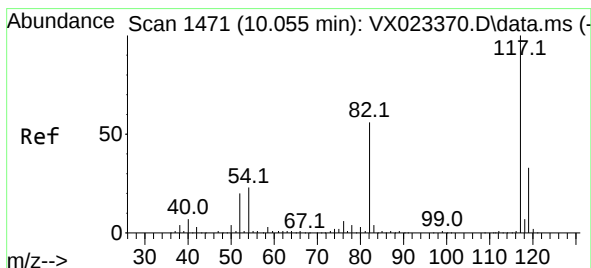
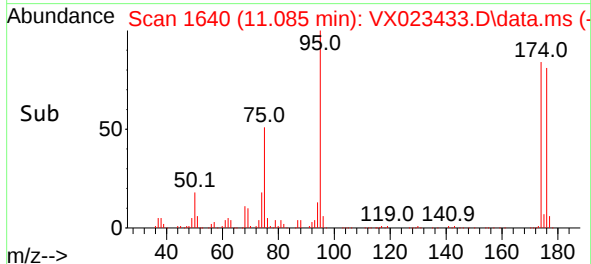
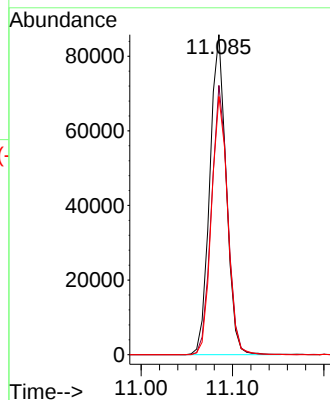
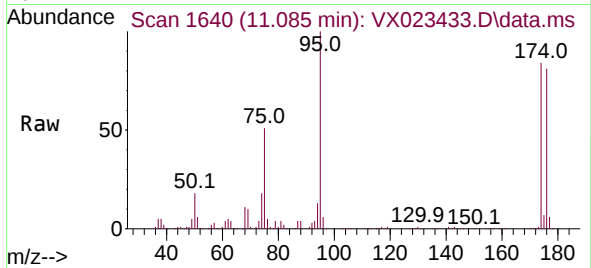




#62
4-Bromofluorobenzene
Concen: 47.820 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

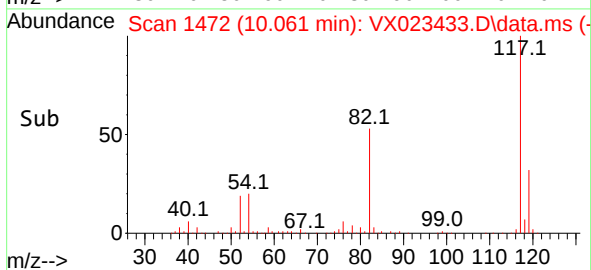
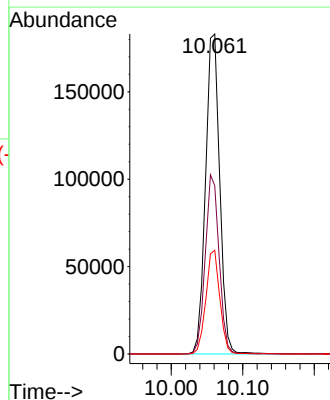
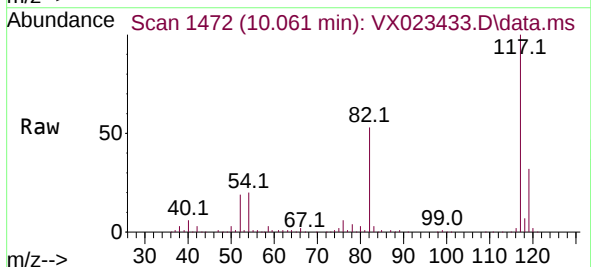
Instrument :
MSVOA_X
ClientSampled :

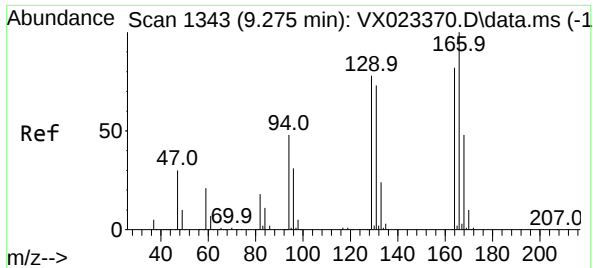
Tgt Ion: 95 Resp: 106588
Ion Ratio Lower Upper
95 100
174 83.3 0.0 154.6
176 80.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

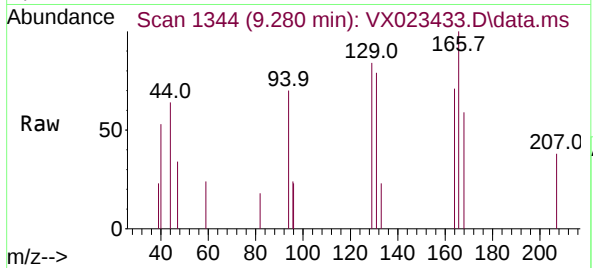
Tgt Ion: 117 Resp: 252952
Ion Ratio Lower Upper
117 100
82 52.5 47.4 71.2
119 32.4 26.6 39.8



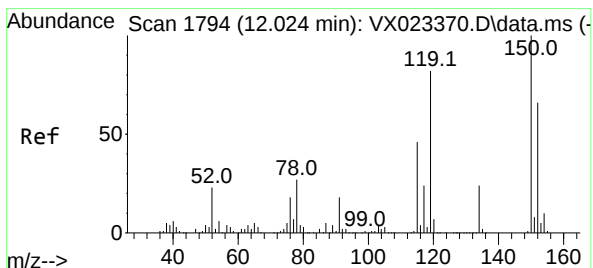
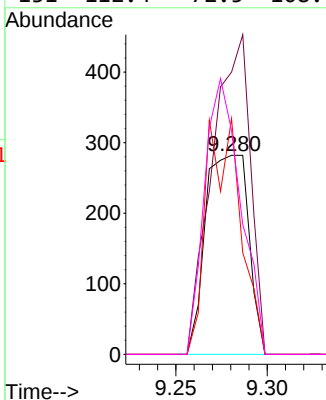
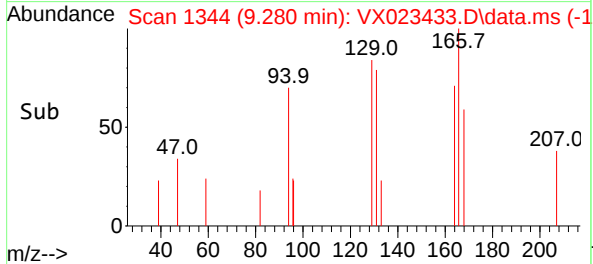


#64
Tetrachloroethene
Concen: 0.229 ug/l
RT: 9.280 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

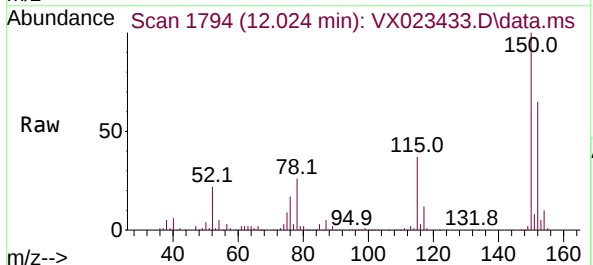
Instrument :
MSVOA_X
ClientSampleId :



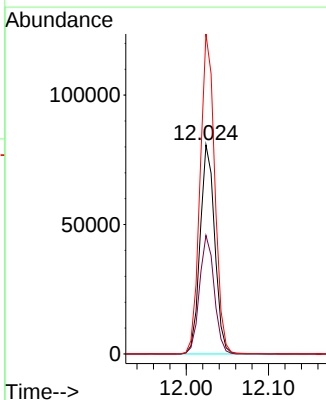
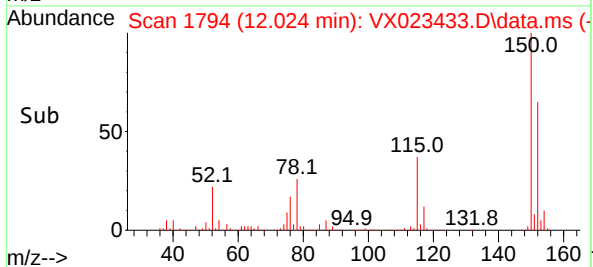
Tgt Ion:164 Resp: 461
Ion Ratio Lower Upper
164 100
166 141.8 103.4 155.2
129 118.4 70.8 106.2#
131 112.4 72.5 108.7#

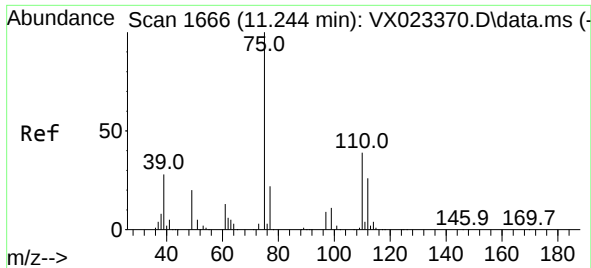


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57



Tgt Ion:152 Resp: 99523
Ion Ratio Lower Upper
152 100
115 57.1 41.1 123.3
150 153.8 0.0 349.0

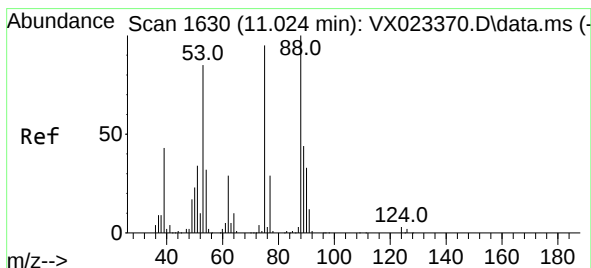
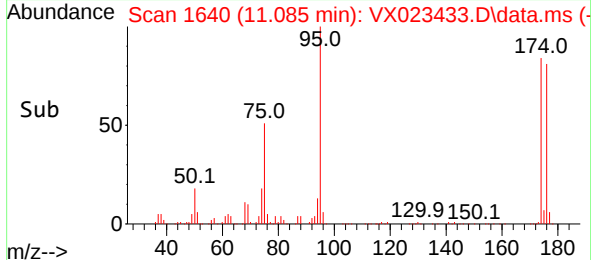
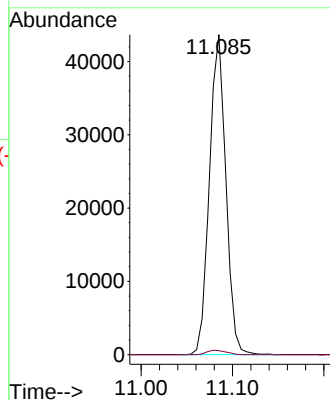
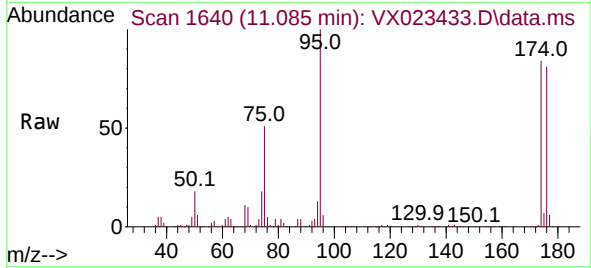




#76
1,2,3-Trichloropropane
Concen: 24.836 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 54392
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.780 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023433.D
Acq: 23 Jul 2021 18:57

Tgt Ion: 75 Resp: 54392
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

