

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022858.D
 Acq On : 23 Jun 2021 22:27
 Operator : JC/MD
 Sample : M2803-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 24 03:38:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

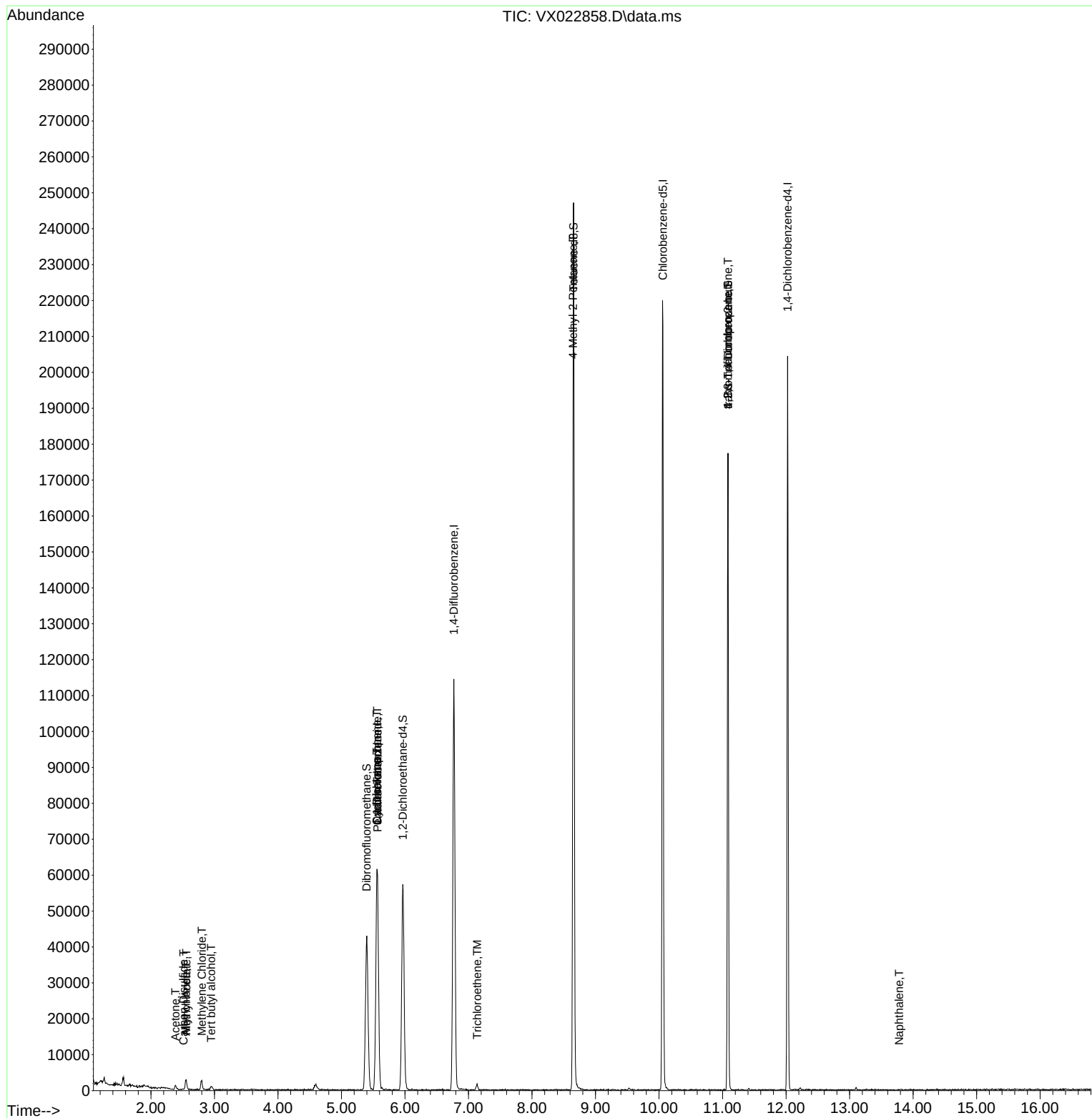
Internal Standards						
1) Pentafluorobenzene	5.568	168	52785	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	107211	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	95582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52366	54.665	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.340%			
35) Dibromofluoromethane	5.397	113	35952	52.807	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.620%			
50) Toluene-d8	8.652	98	138928	52.067	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.140%			
62) 4-Bromofluorobenzene	11.085	95	47399	47.598	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.200%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.946	59	597	2.990	ug/l #	73
14) Allyl chloride	2.550	41	345	0.265	ug/l #	6
16) Acetone	2.385	43	1163	2.739	ug/l	93
17) Carbon Disulfide	2.513	76	71	3.551	ug/l #	75
18) Methyl Acetate	2.556	43	1036	0.991	ug/l #	47
20) Methylene Chloride	2.800	84	1293	1.896	ug/l	93
31) Cyclohexane	5.556	56	1624	1.201	ug/l #	58
36) 1,1-Dichloropropene	5.556	75	5717	5.020	ug/l #	48
38) Carbon Tetrachloride	5.562	117	6519	6.825	ug/l #	18
44) Trichloroethene	7.134	130	538	0.691	ug/l	93
51) 4-Methyl-2-Pentanone	8.646	43	791	0.599	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	26236	28.000	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26236	72.291	ug/l #	12
95) Naphthalene	13.780	128	23	1.930	ug/l #	69

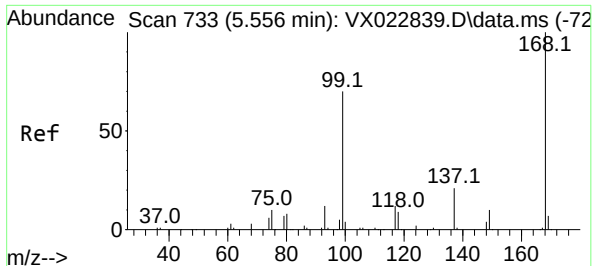
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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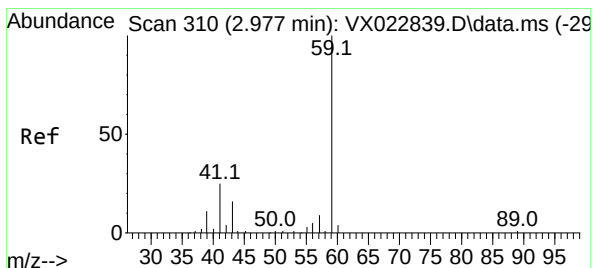
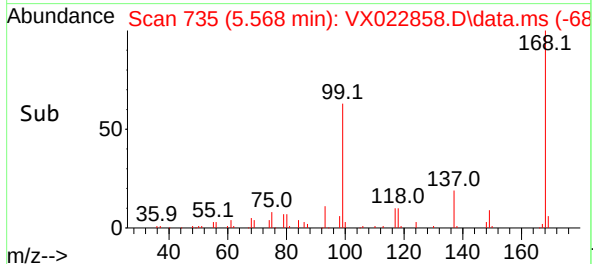
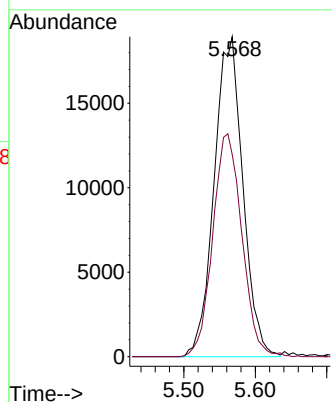
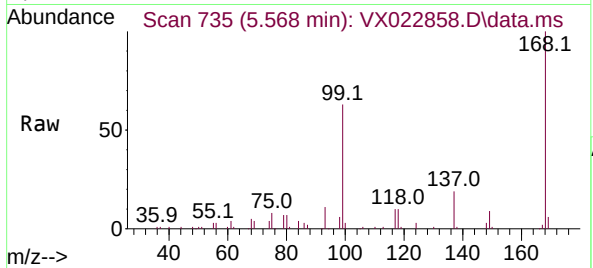




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

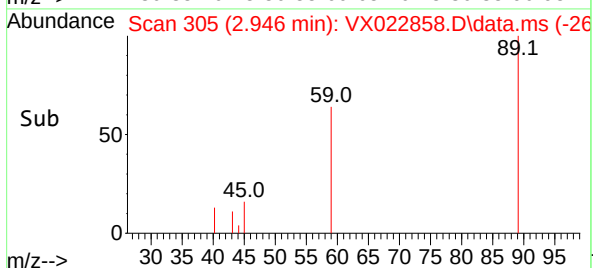
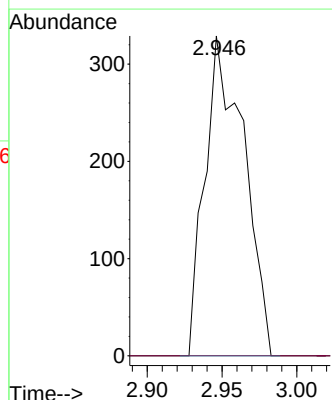
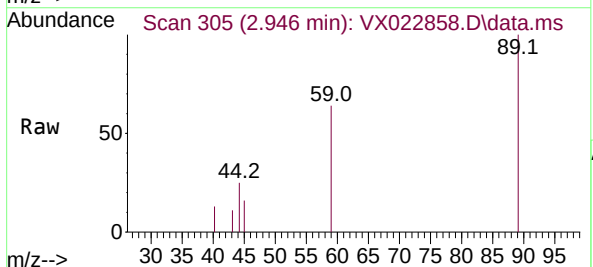
Instrument :
MSVOA_X
ClientSampled :

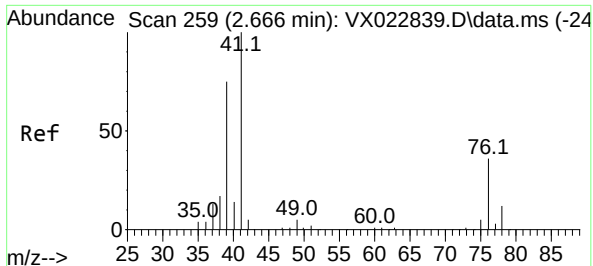
Tgt Ion:168 Resp: 52785
Ion Ratio Lower Upper
168 100
99 63.2 45.8 68.6



#11
Tert butyl alcohol
Concen: 2.990 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

Tgt Ion: 59 Resp: 597
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#14

Allyl chloride

Concen: 0.265 ug/l

RT: 2.550 min Scan# 240

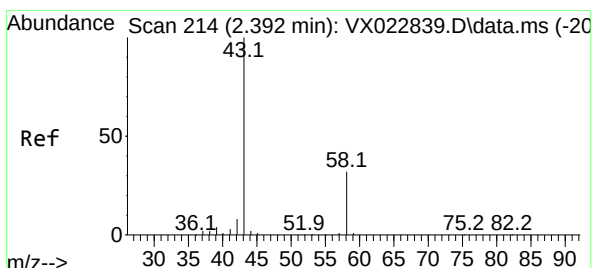
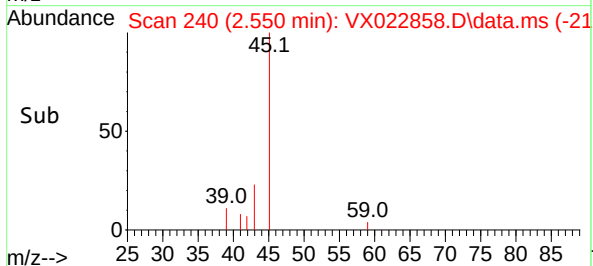
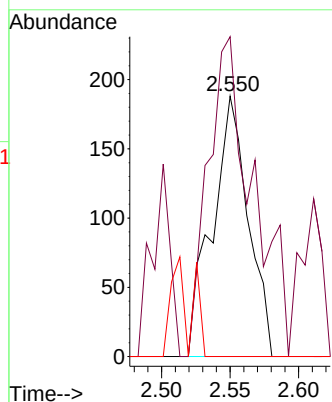
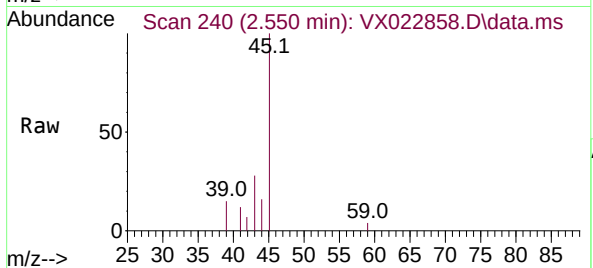
Delta R.T. -0.116 min

Lab File: VX022858.D

Acq: 23 Jun 2021 22:27

Tgt Ion: 41	Resp: 345
Ion Ratio	Lower Upper
41 100	
39 152.5	51.6 77.4#
76 0.0	30.5 45.7#

Instrument :
MSVOA_X
ClientSampled :



#16

Acetone

Concen: 2.739 ug/l

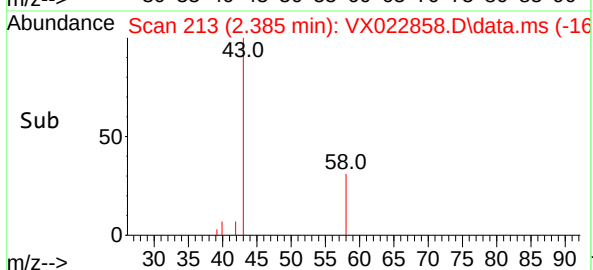
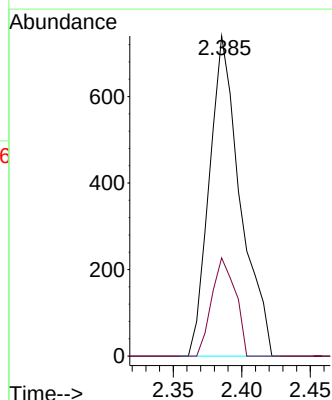
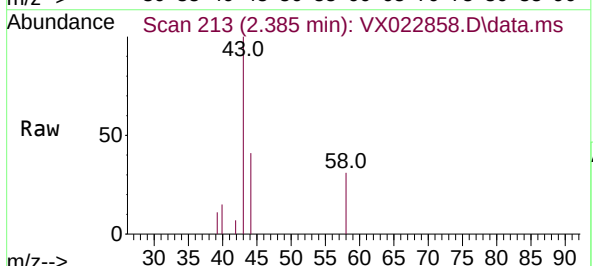
RT: 2.385 min Scan# 213

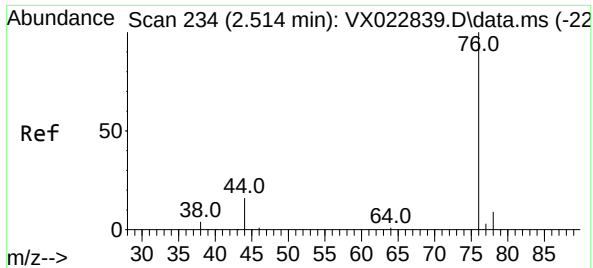
Delta R.T. -0.007 min

Lab File: VX022858.D

Acq: 23 Jun 2021 22:27

Tgt Ion: 43	Resp: 1163
Ion Ratio	Lower Upper
43 100	
58 30.7	27.8 41.8

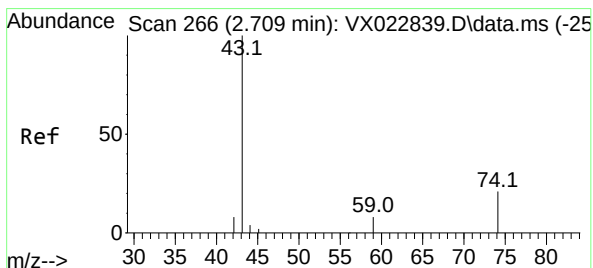
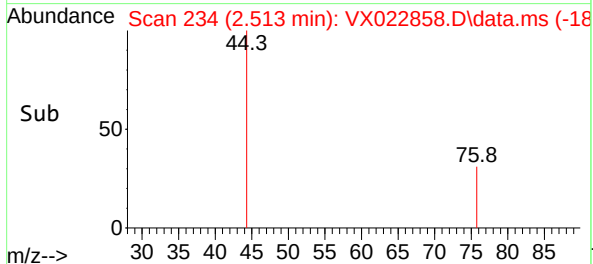
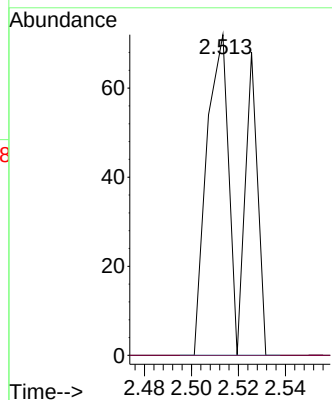
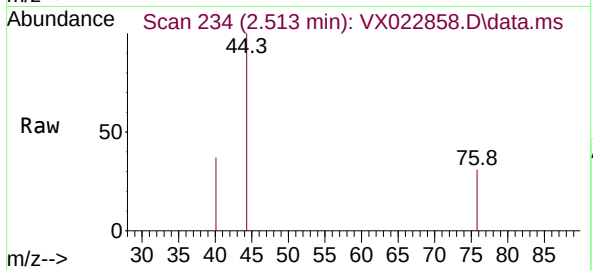




#17
Carbon Disulfide
Concen: 3.551 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

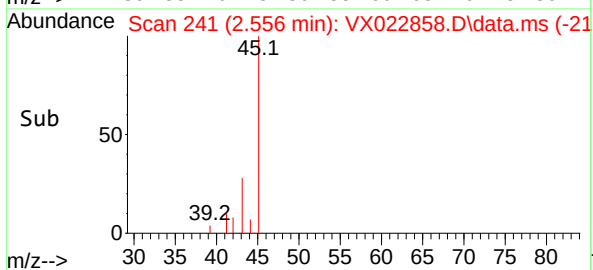
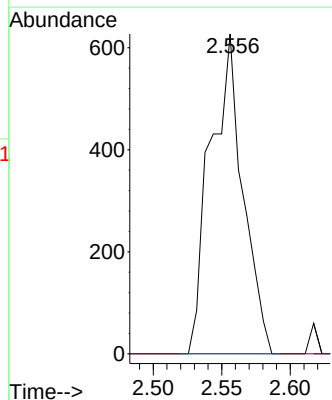
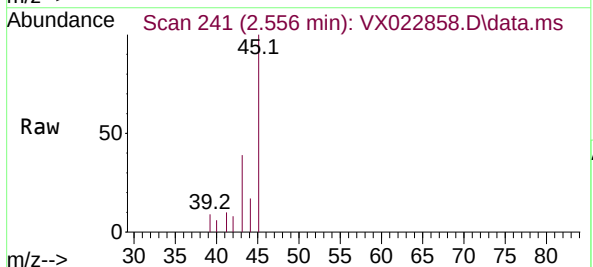
Instrument :
MSVOA_X
ClientSampled :

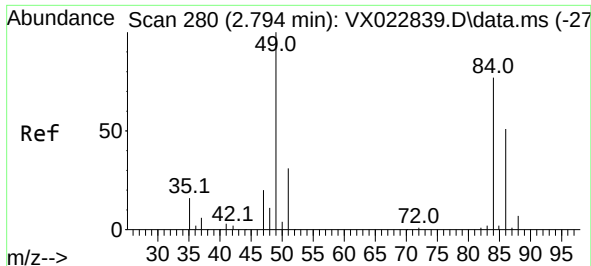
Tgt Ion: 76 Resp: 71
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.991 ug/l
RT: 2.556 min Scan# 241
Delta R.T. -0.153 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

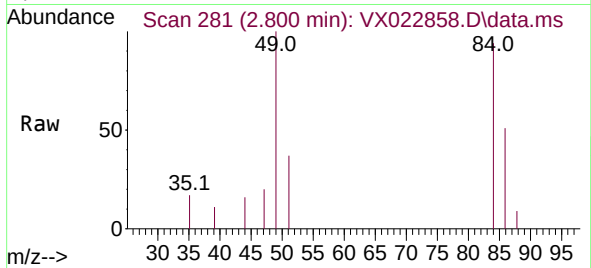
Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





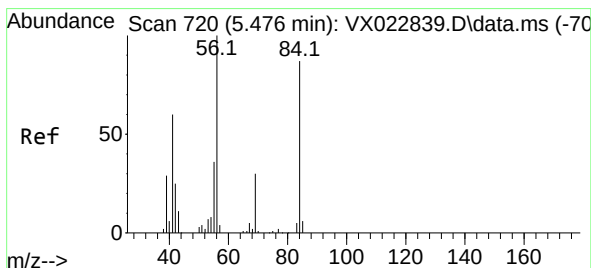
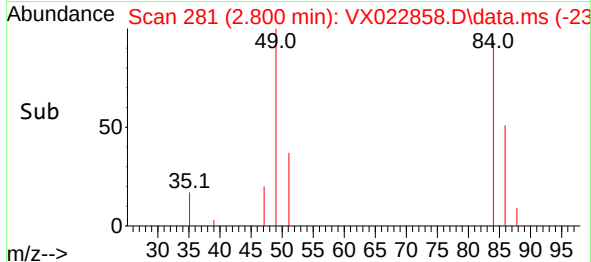
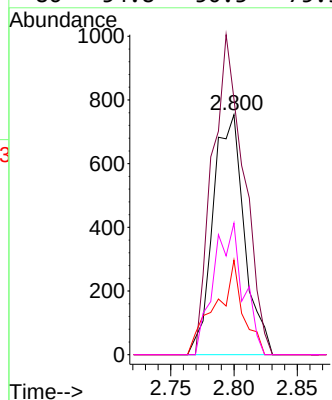
#20
Methylene Chloride
Concen: 1.896 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

Instrument :
MSVOA_X
ClientSampled :

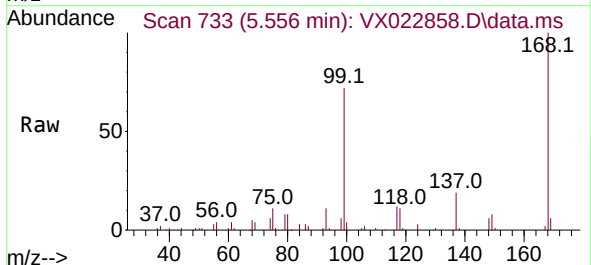


Tgt Ion: 84 Resp: 1293

Ion	Ratio	Lower	Upper
84	100		
49	106.5	88.6	132.8
51	39.4	27.0	40.6
86	54.8	50.3	75.5

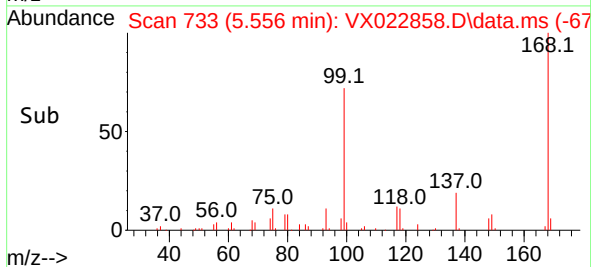
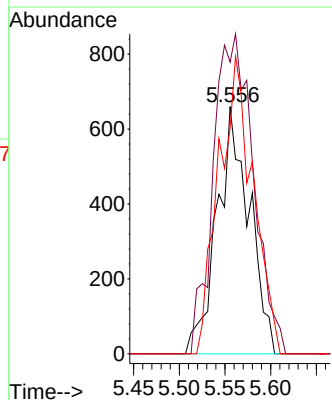


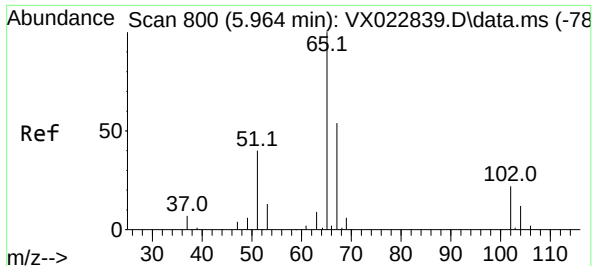
#31
Cyclohexane
Concen: 1.201 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27



Tgt Ion: 56 Resp: 1624

Ion	Ratio	Lower	Upper
56	100		
69	118.0	25.3	37.9#
84	91.4	71.4	107.0

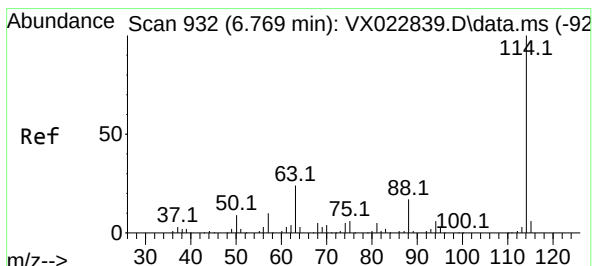
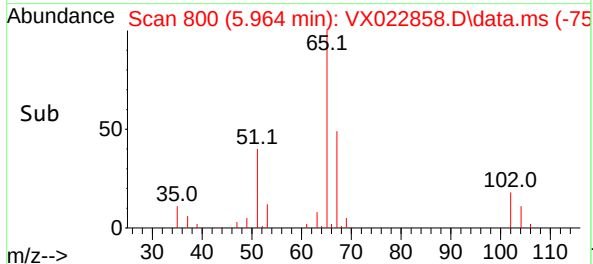
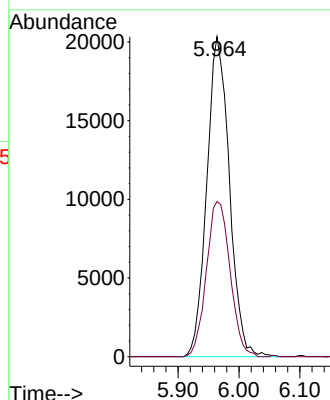
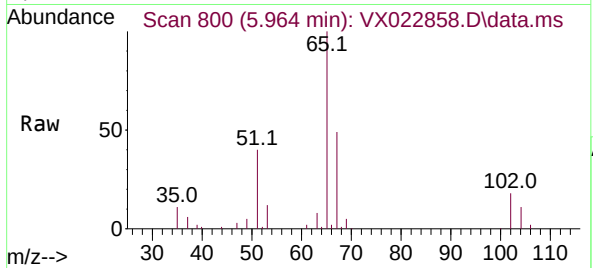




#33
1,2-Dichloroethane-d4
Concen: 54.665 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

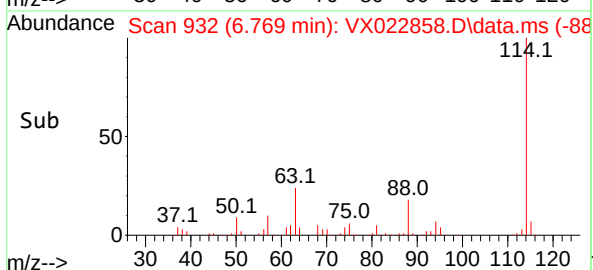
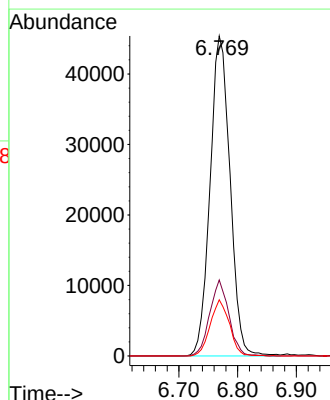
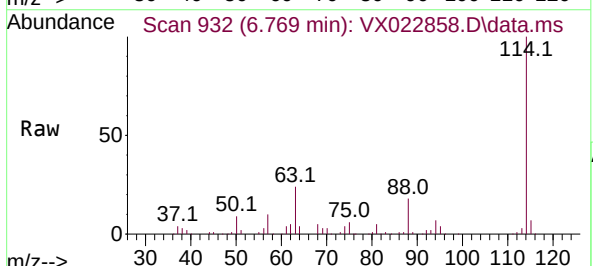
Instrument :
MSVOA_X
ClientSampled :

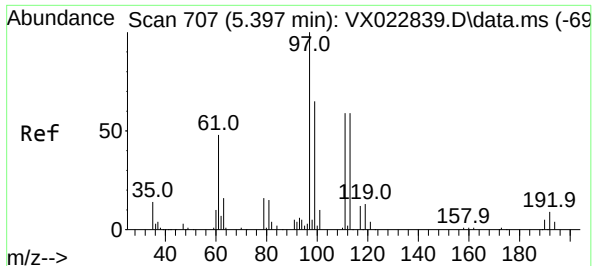
Tgt Ion: 65 Resp: 52366
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

Tgt Ion: 114 Resp: 107211
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 17.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.807 ug/l

RT: 5.397 min Scan# 707

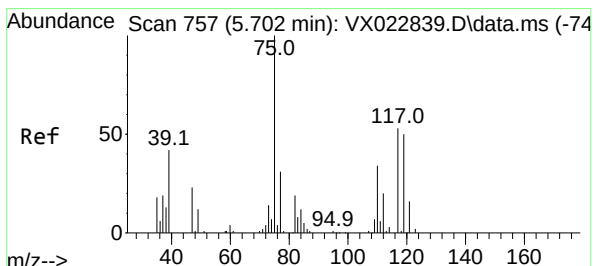
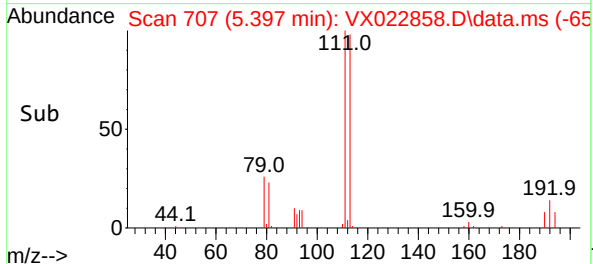
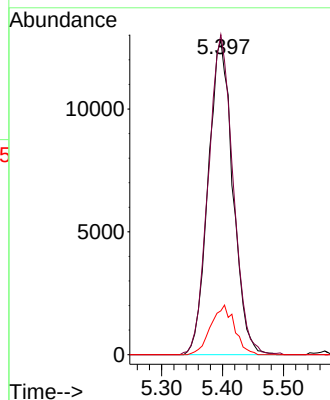
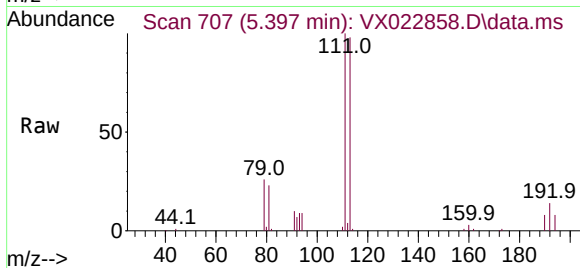
Delta R.T. -0.000 min

Lab File: VX022858.D

Acq: 23 Jun 2021 22:27

Tgt Ion:	113	Resp:	35952
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	15.2	16.7	25.1#

Instrument :
MSVOA_X
ClientSampleId :



#36

1,1-Dichloropropene

Concen: 5.020 ug/l

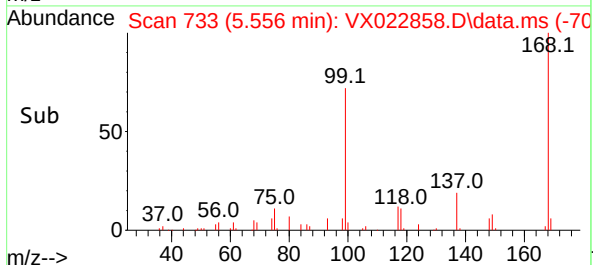
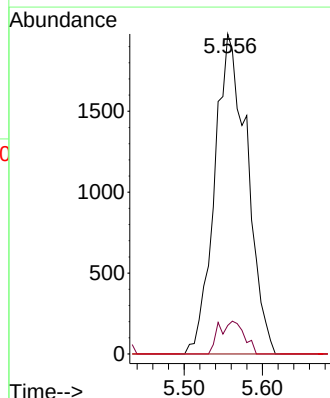
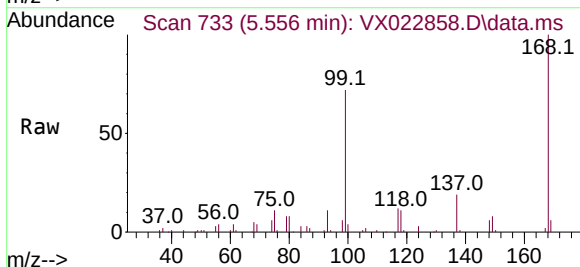
RT: 5.556 min Scan# 733

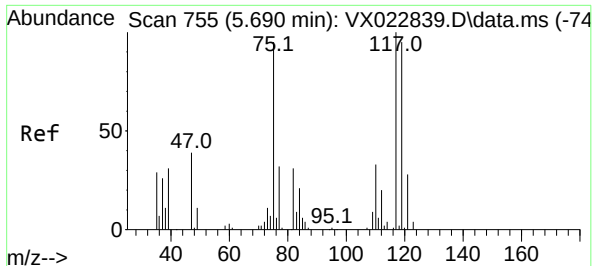
Delta R.T. -0.146 min

Lab File: VX022858.D

Acq: 23 Jun 2021 22:27

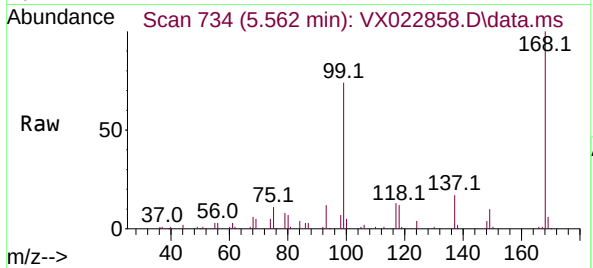
Tgt Ion:	75	Resp:	5717
Ion	Ratio	Lower	Upper
75	100		
110	8.0	18.1	54.4#
77	0.0	25.3	37.9#



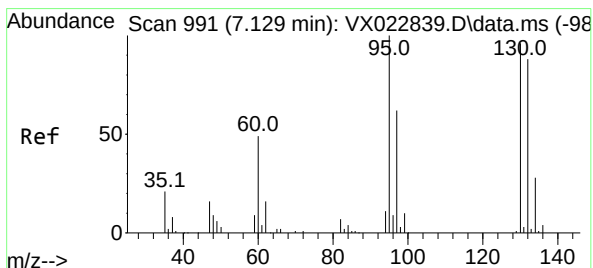
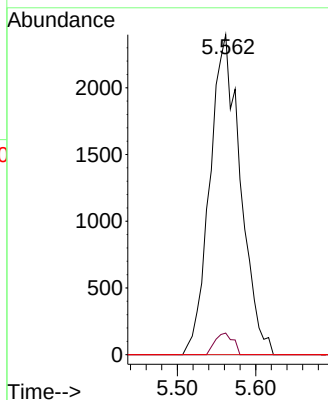
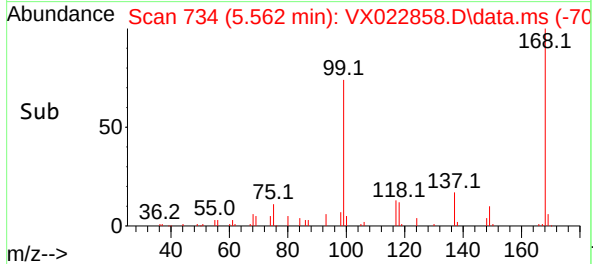


#38
Carbon Tetrachloride
Concen: 6.825 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

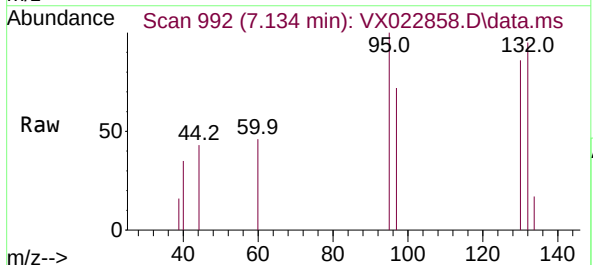
Instrument :
MSVOA_X
ClientSampled :



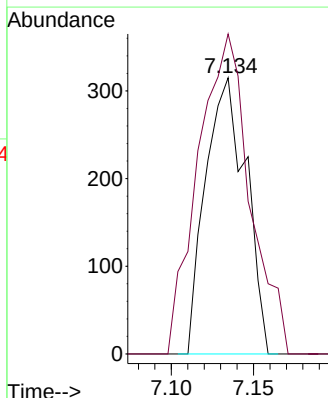
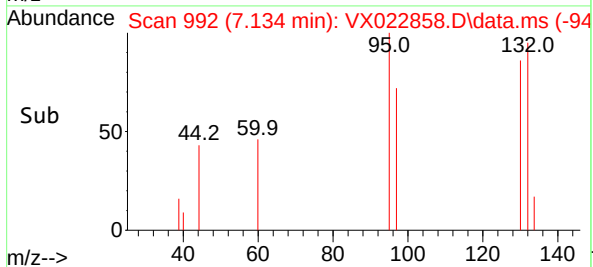
Tgt Ion:117 Resp: 6519
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

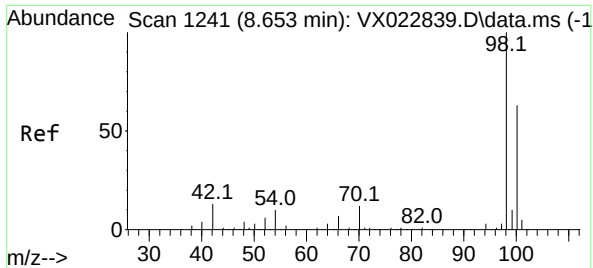


#44
Trichloroethene
Concen: 0.691 ug/l
RT: 7.134 min Scan# 992
Delta R.T. 0.005 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27



Tgt Ion:130 Resp: 538
Ion Ratio Lower Upper
130 100
95 92.1 0.0 198.0

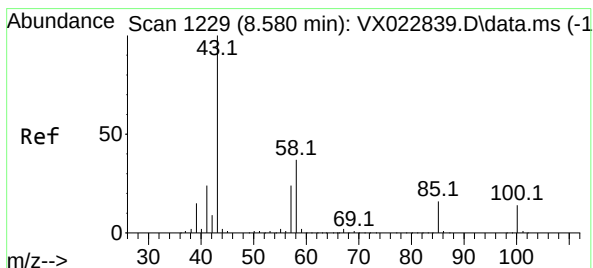
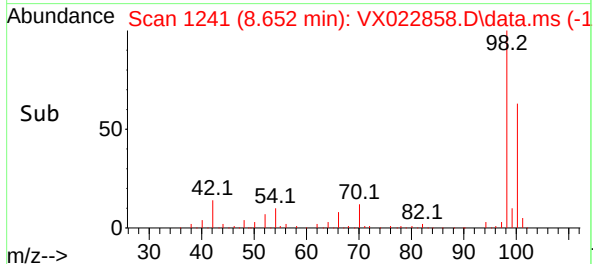
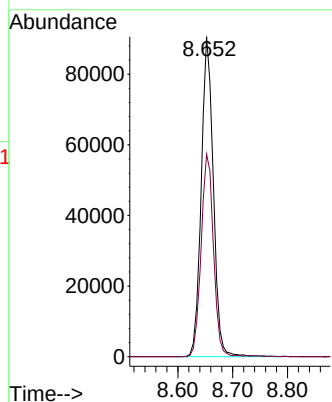
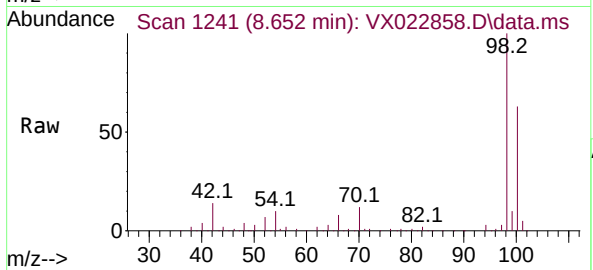




#50
Toluene-d8
Concen: 52.067 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

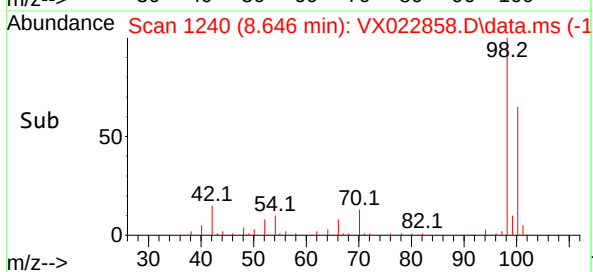
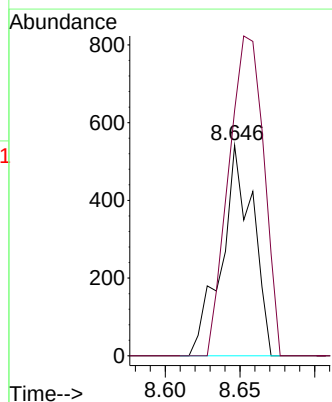
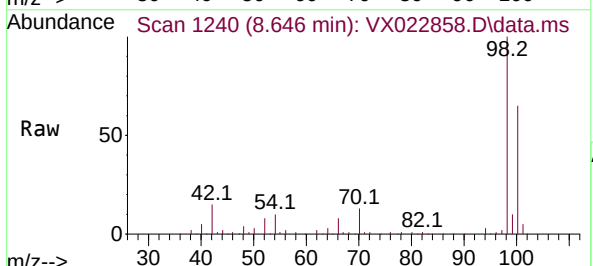
Instrument :
MSVOA_X
ClientSampled :

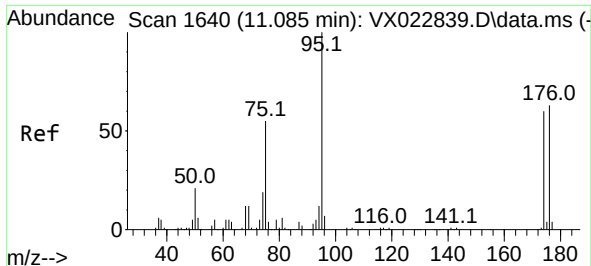
Tgt Ion: 98 Resp: 138928
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.599 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.066 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 169.9 35.4 53.0#

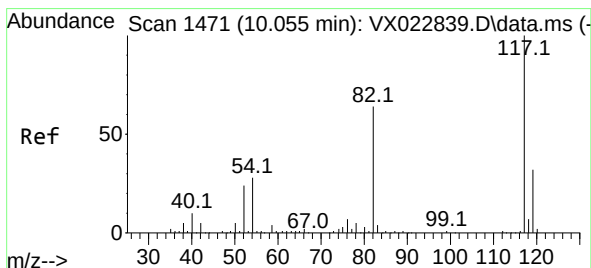
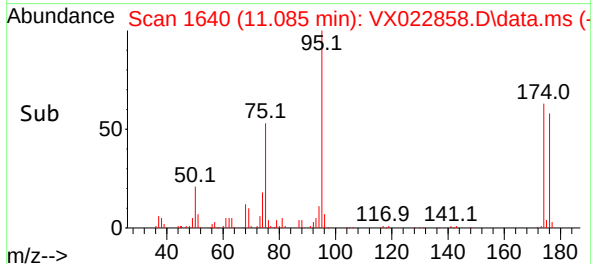
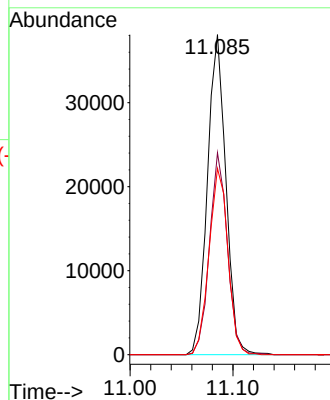
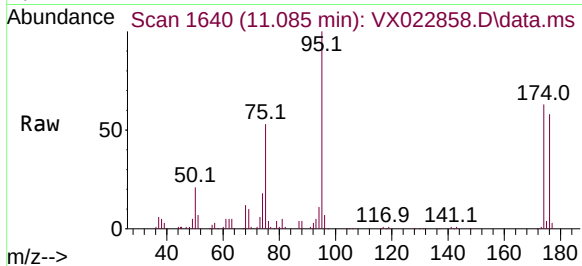




#62
4-Bromofluorobenzene
Concen: 47.598 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

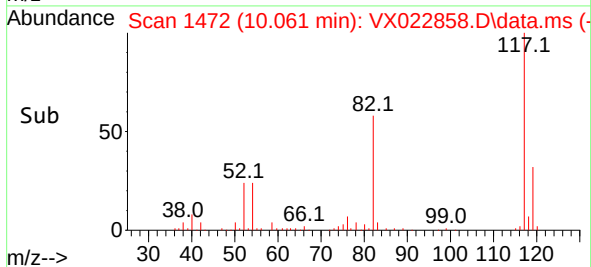
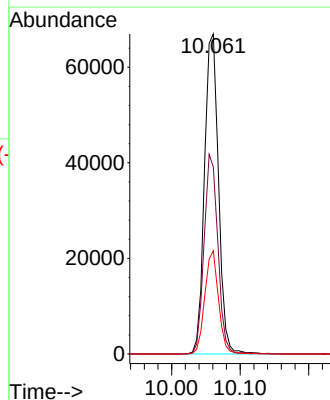
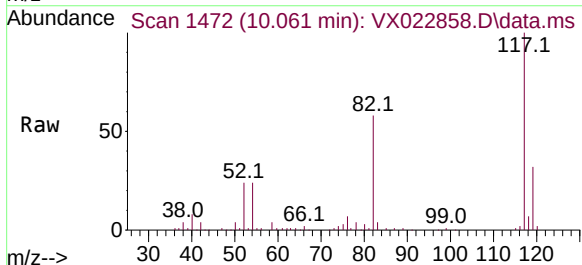
Instrument :
MSVOA_X
ClientSampleId :

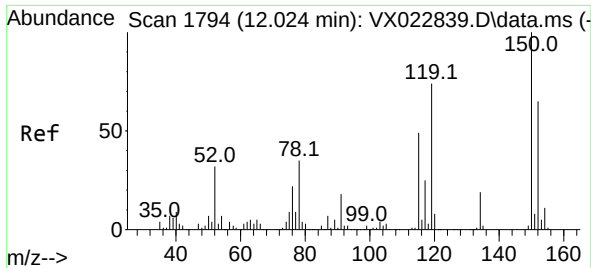
Tgt Ion: 95 Resp: 47399
Ion Ratio Lower Upper
95 100
174 61.3 0.0 154.6
176 59.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

Tgt Ion: 117 Resp: 95582
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.2 26.6 39.8

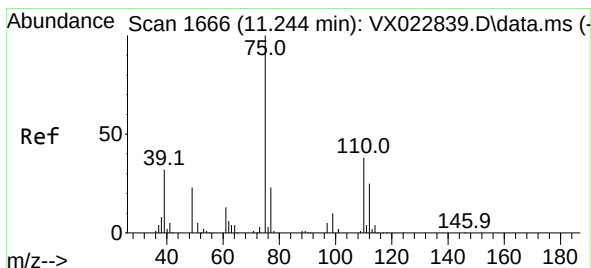
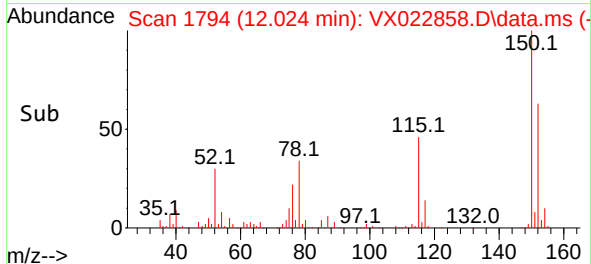
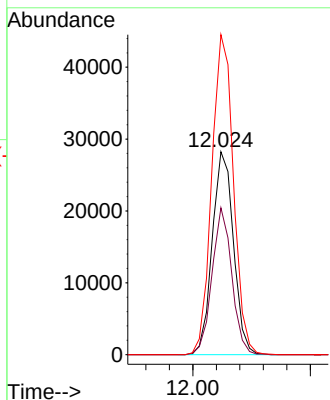
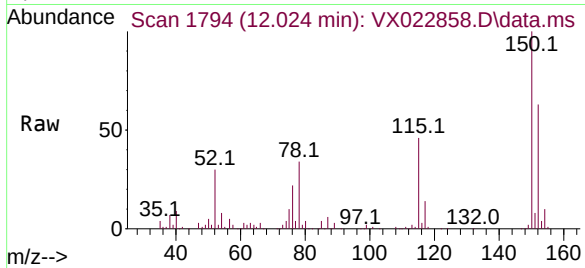




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022858.D
 Acq: 23 Jun 2021 22:27

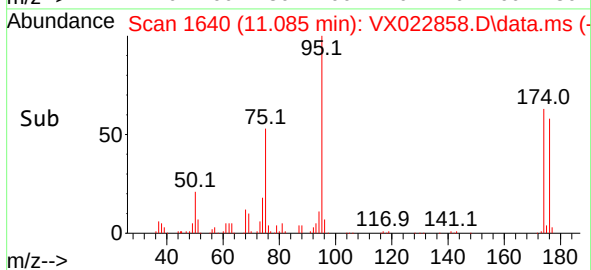
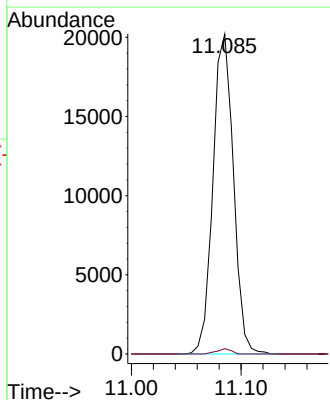
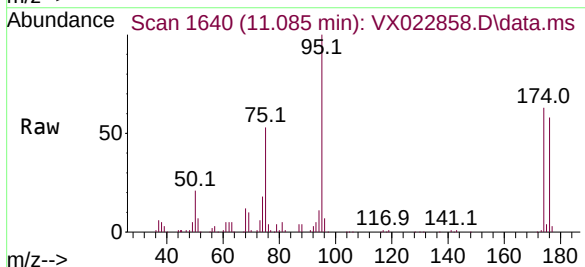
Instrument :
 MSVOA_X
 ClientSampled :

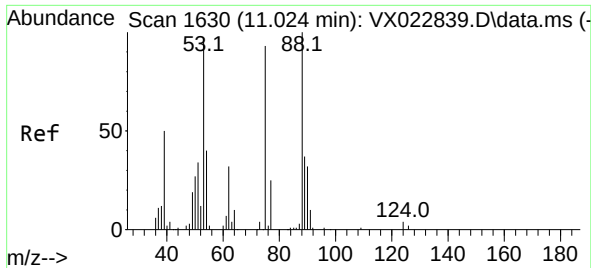
Tgt Ion:152 Resp: 35474
 Ion Ratio Lower Upper
 152 100
 115 67.4 41.1 123.3
 150 160.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.000 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022858.D
 Acq: 23 Jun 2021 22:27

Tgt Ion: 75 Resp: 26236
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

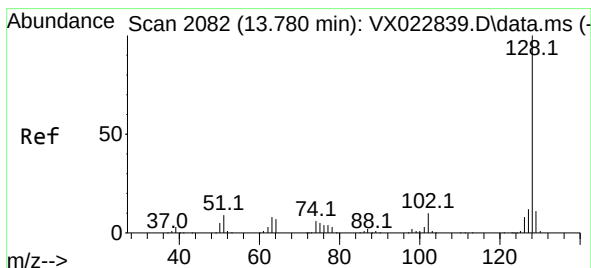
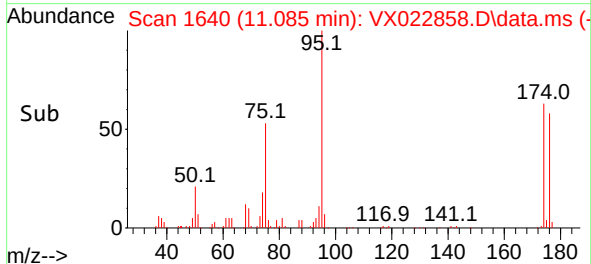
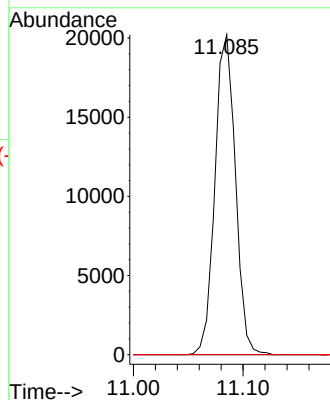
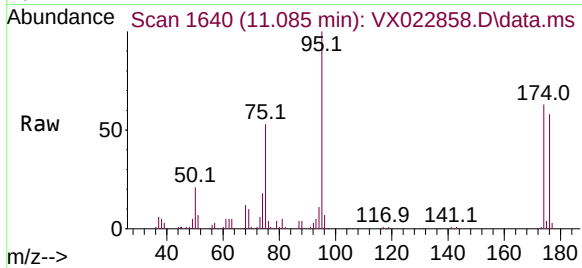




#81
trans-1,4-Dichloro-2-butene
Concen: 72.291 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 26236
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.930 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022858.D
Acq: 23 Jun 2021 22:27

Tgt Ion:128 Resp: 23
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

