

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023965.D
 Acq On : 26 Aug 2021 15:09
 Operator : JC/MD
 Sample : M3535-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 27 05:56:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

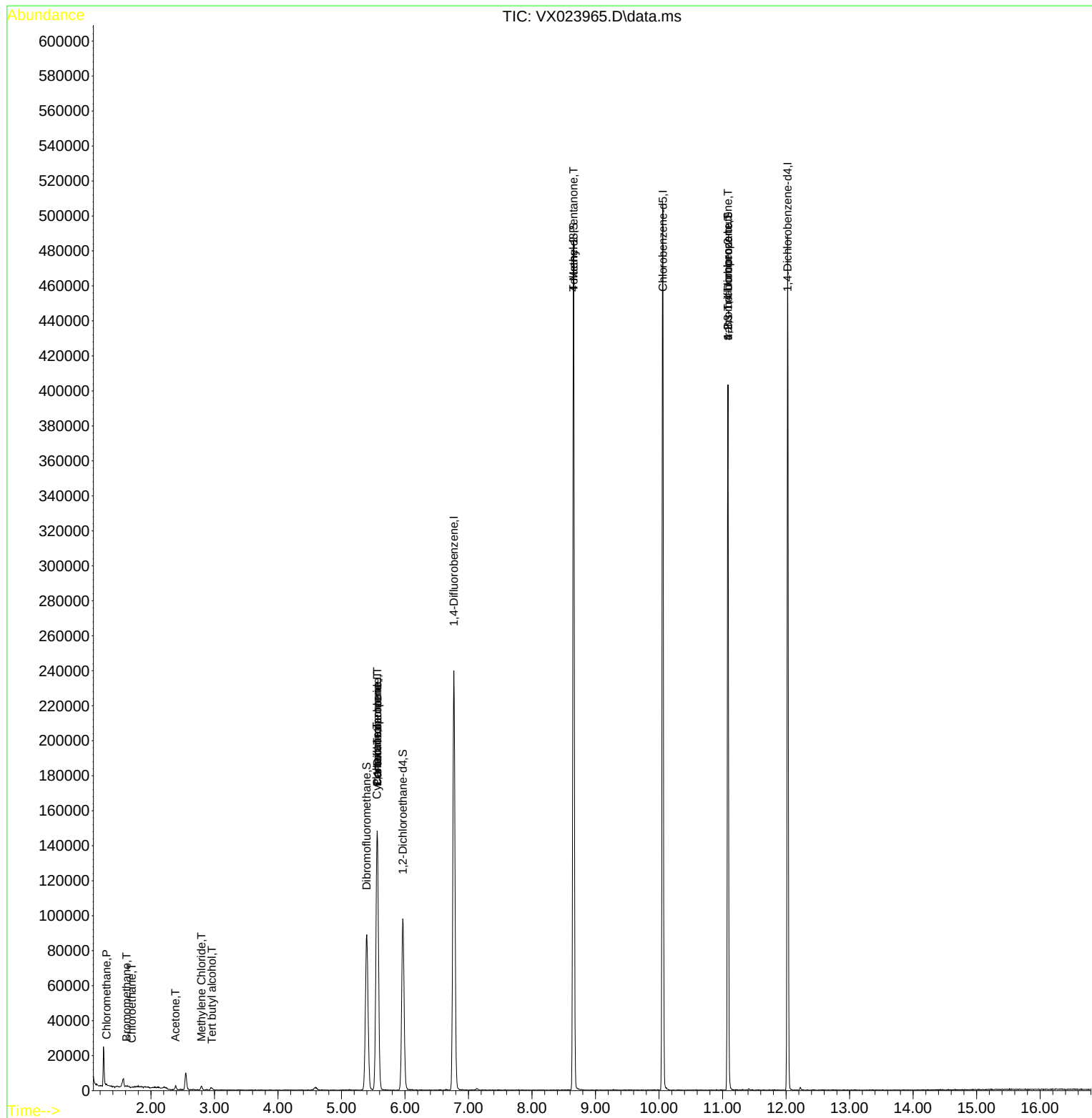
Internal Standards						
1) Pentafluorobenzene	5.562	168	136661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	223240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96925	50.816	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.640%
35) Dibromofluoromethane	5.397	113	76202	48.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	8.653	98	276719	46.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.520%
62) 4-Bromofluorobenzene	11.085	95	99191	45.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.080%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	488	0.308	ug/l #	88
5) Bromomethane	1.618	94	375	0.386	ug/l #	51
6) Chloroethane	1.697	64	94	2.287	ug/l #	43
11) Tert butyl alcohol	2.959	59	1063	2.756	ug/l #	73
16) Acetone	2.386	43	2482	2.910	ug/l #	78
20) Methylene Chloride	2.794	84	1030	0.632	ug/l	97
31) Cyclohexane	5.556	56	3288	1.342	ug/l #	34
36) 1,1-Dichloropropene	5.562	75	11250	5.116	ug/l #	46
38) Carbon Tetrachloride	5.562	117	14656	6.391	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1398	0.511	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	54710	24.936	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54710	73.349	ug/l #	12

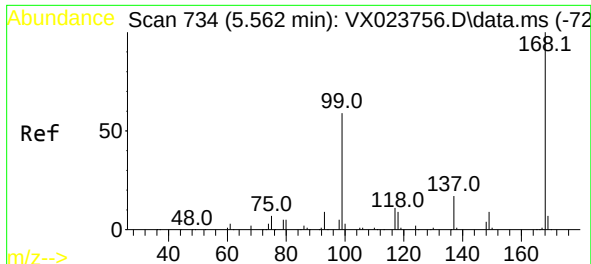
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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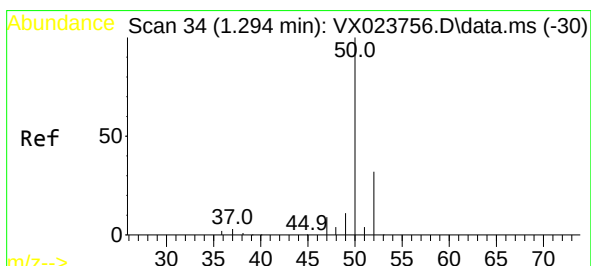
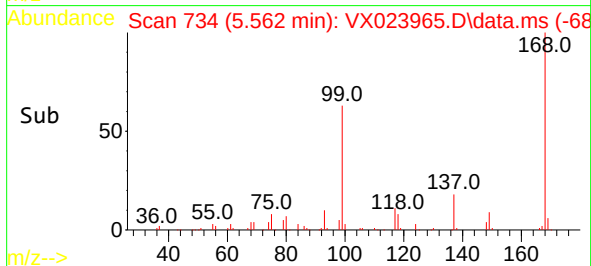
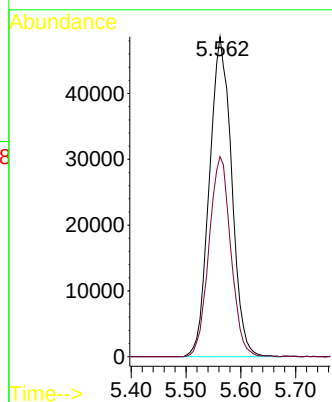
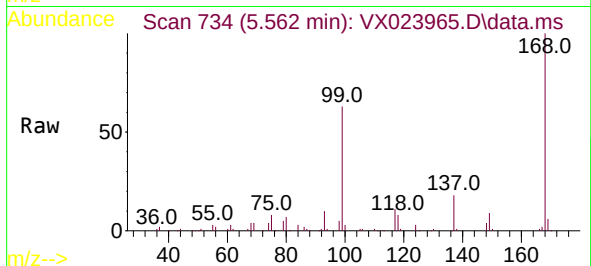




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

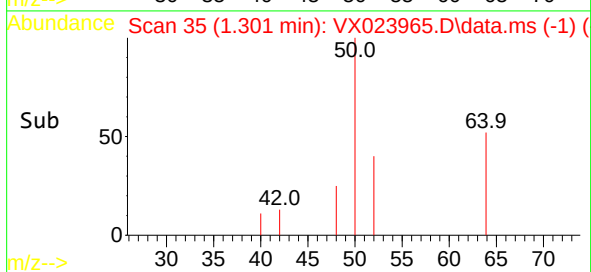
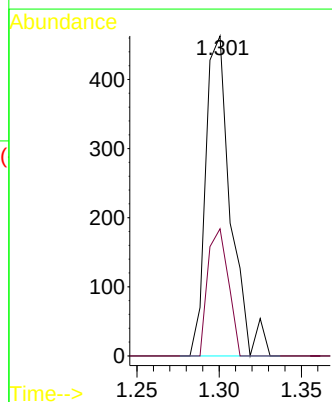
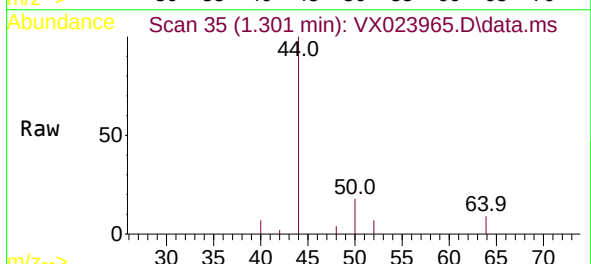
Instrument :
MSVOA_X
ClientSampled :

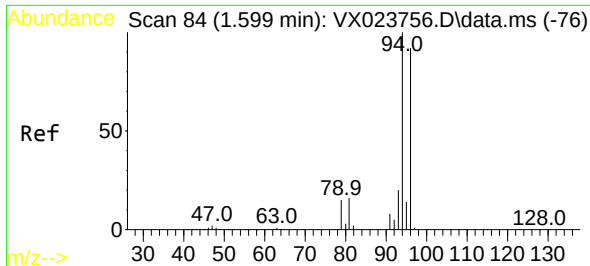
Tgt Ion:168 Resp: 136661
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.6



#3
Chloromethane
Concen: 0.308 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 39.7 26.4 39.6#

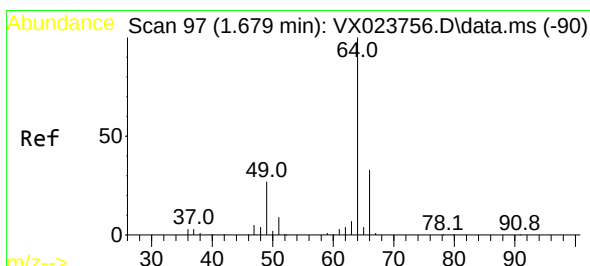
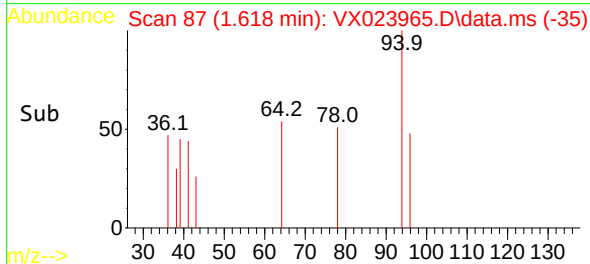
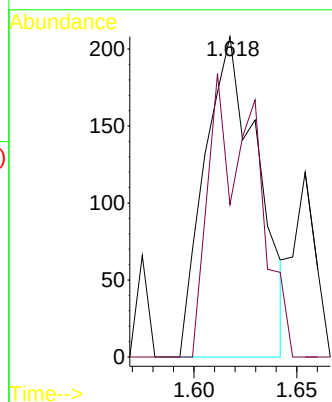
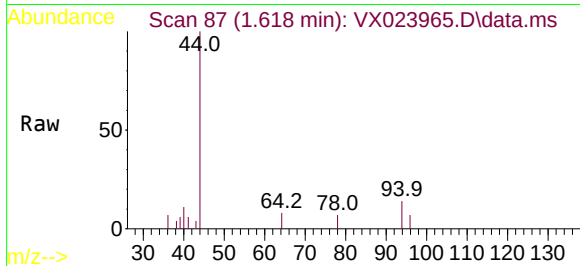




#5
Bromomethane
Concen: 0.386 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

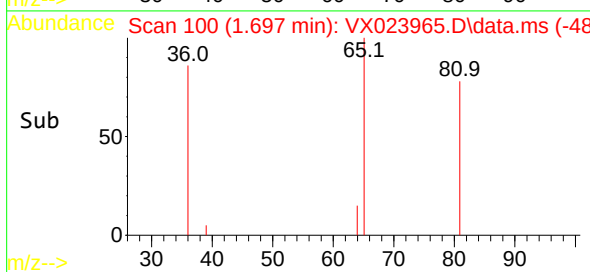
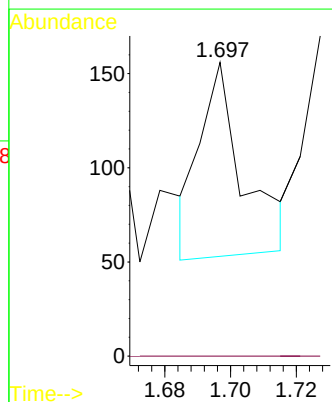
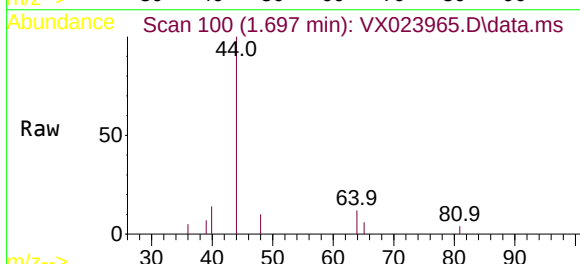
Instrument :
MSVOA_X
ClientSampleId :

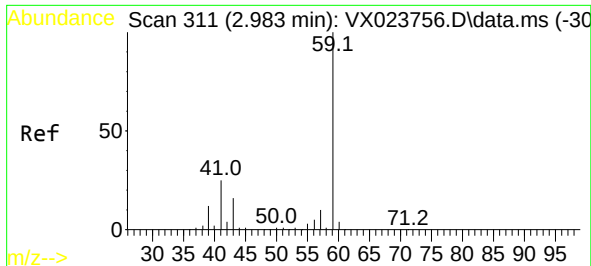
Tgt Ion: 94 Resp: 375
Ion Ratio Lower Upper
94 100
96 47.6 76.4 114.6#



#6
Chloroethane
Concen: 2.287 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

Tgt Ion: 64 Resp: 94
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



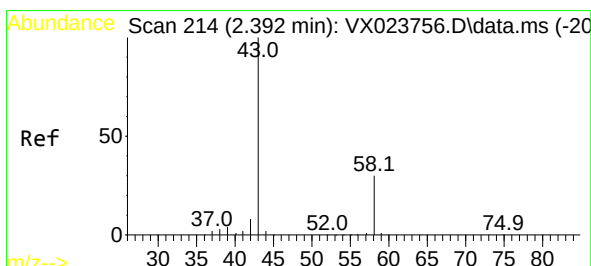
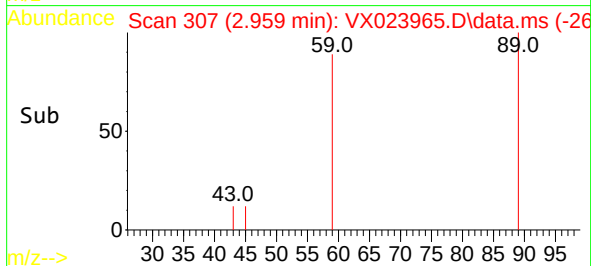
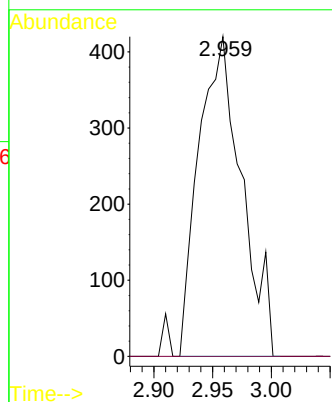
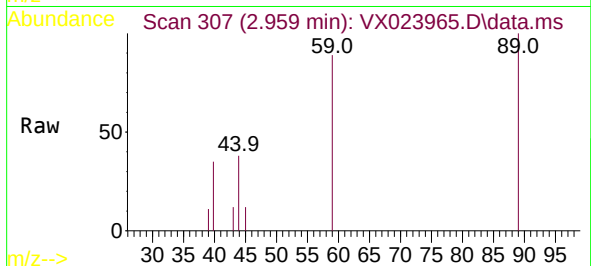


#11

Tert butyl alcohol
Concen: 2.756 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

Instrument :
MSVOA_X
ClientSampled :

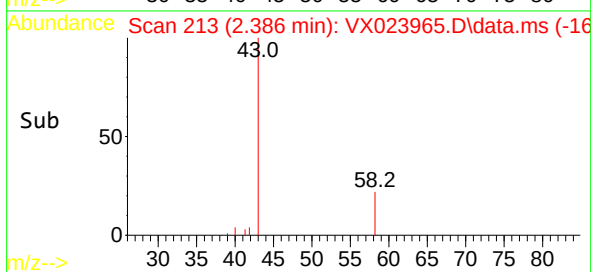
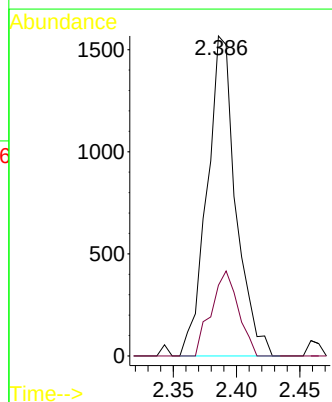
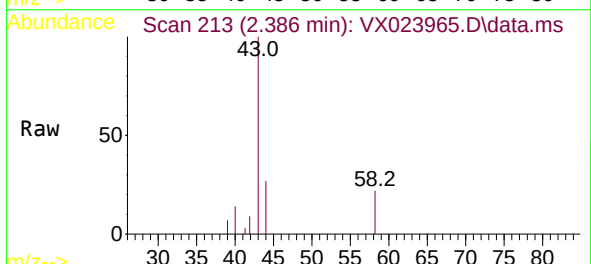
Tgt Ion: 59 Resp: 1063
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

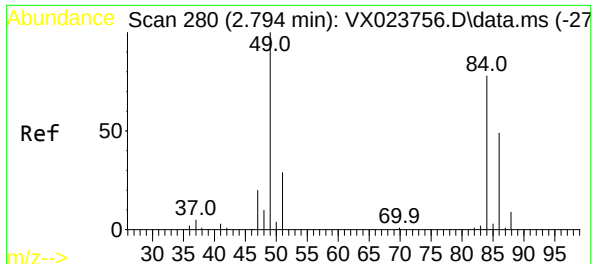


#16

Acetone
Concen: 2.910 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

Tgt Ion: 43 Resp: 2482
Ion Ratio Lower Upper
43 100
58 22.1 27.8 41.8#





#20

Methylene Chloride

Concen: 0.632 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023965.D

Acq: 26 Aug 2021 15:09

Tgt Ion: 84 Resp: 1030

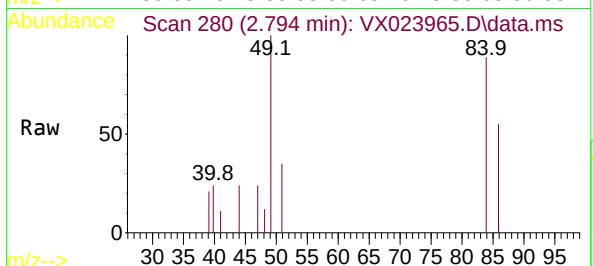
Ion Ratio Lower Upper

84 100

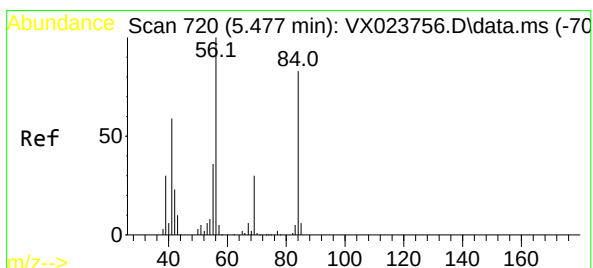
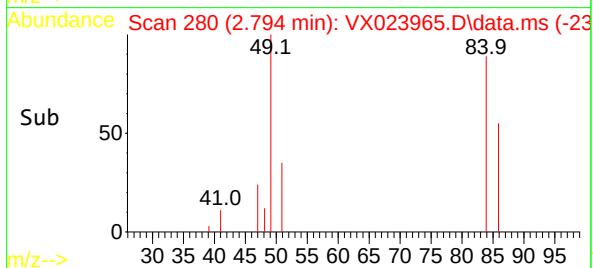
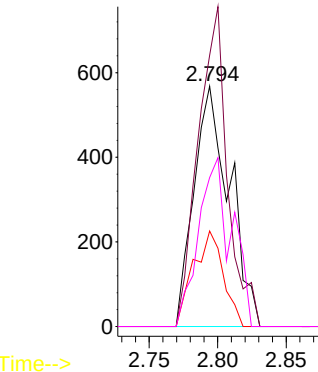
49 112.9 88.6 132.8

51 39.8 27.0 40.6

86 62.0 50.3 75.5



Abundance



#31

Cyclohexane

Concen: 1.342 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX023965.D

Acq: 26 Aug 2021 15:09

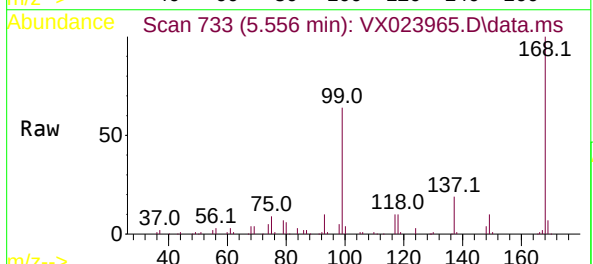
Tgt Ion: 56 Resp: 3288

Ion Ratio Lower Upper

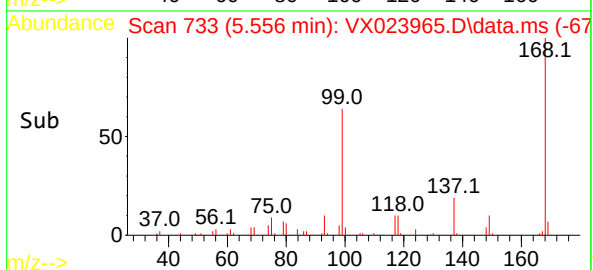
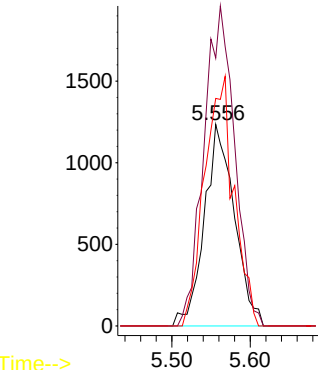
56 100

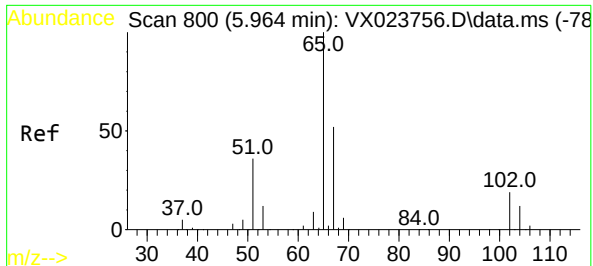
69 132.9 25.3 37.9#

84 112.9 71.4 107.0#



Abundance



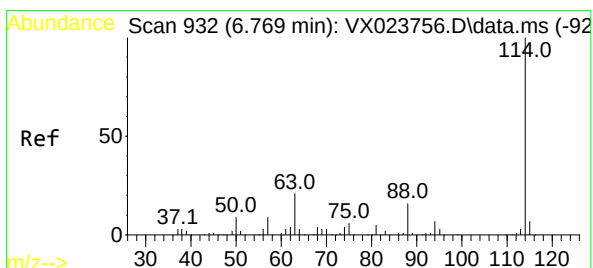
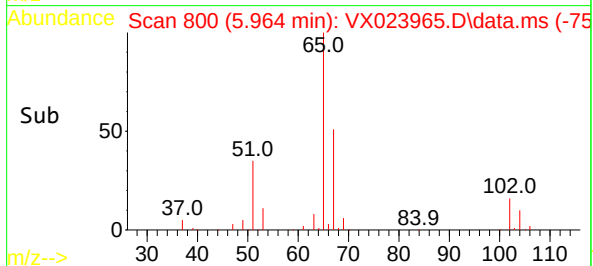
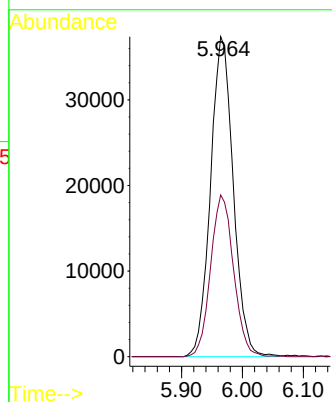
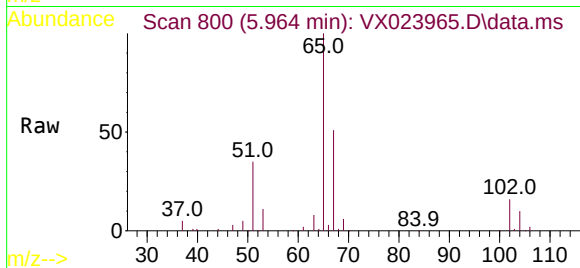


#33

1,2-Dichloroethane-d4
Concen: 50.816 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

Instrument :
MSVOA_X
ClientSampled :

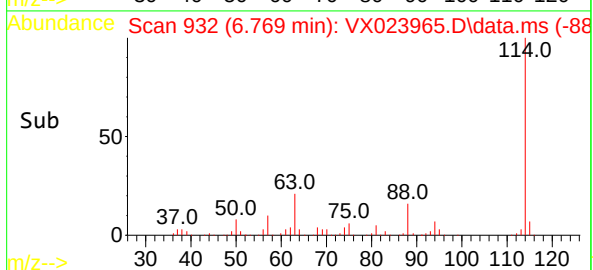
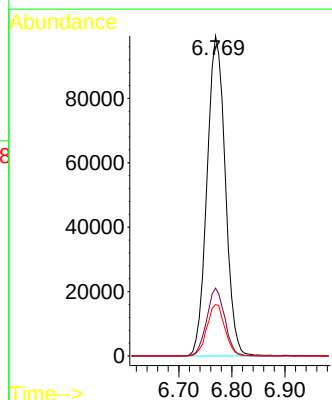
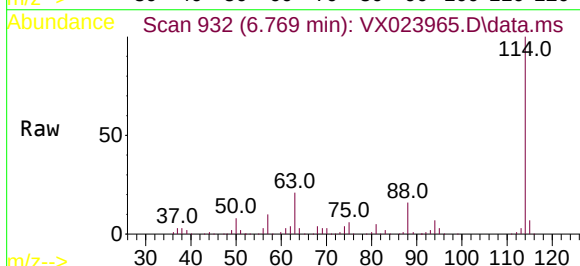
Tgt Ion: 65 Resp: 96925
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

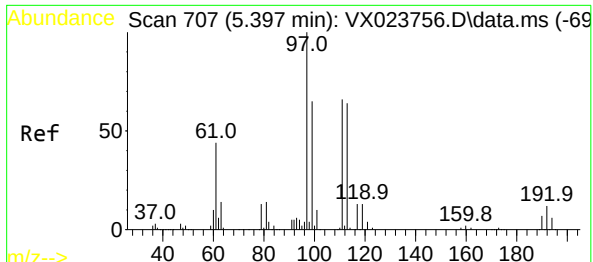


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

Tgt Ion: 114 Resp: 237460
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.1 0.0 32.8

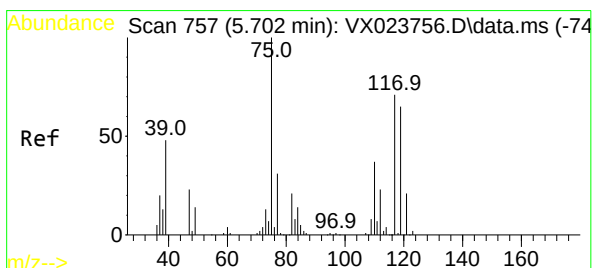
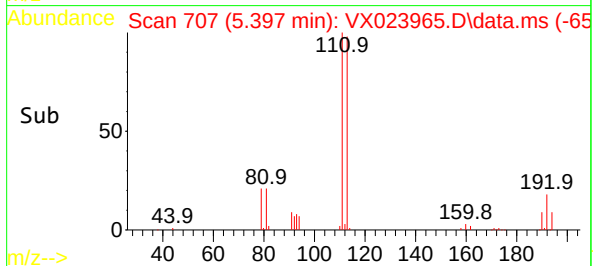
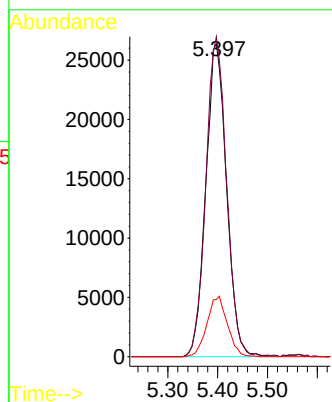
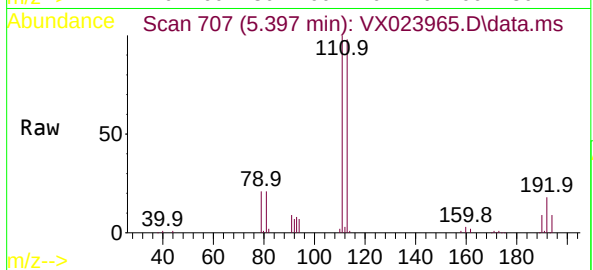




#35
Dibromofluoromethane
Concen: 48.484 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

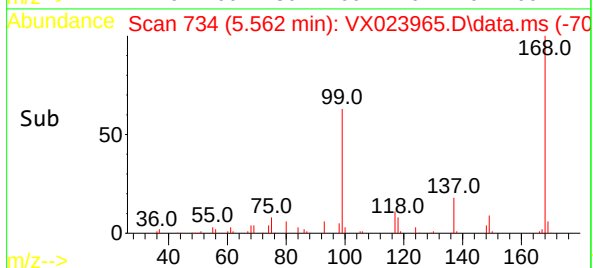
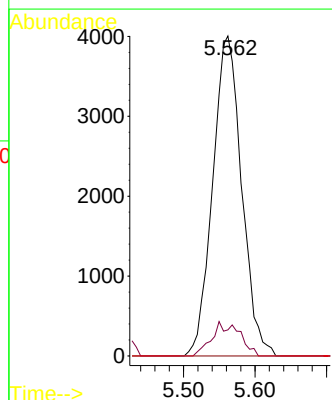
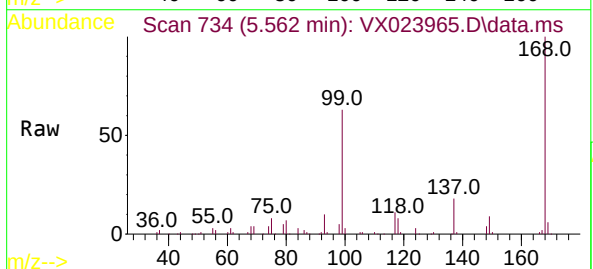
Instrument :
MSVOA_X
ClientSampleId :

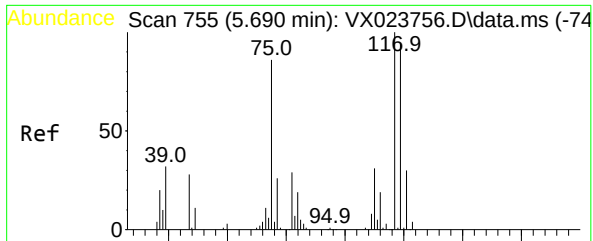
Tgt Ion:113 Resp: 76202
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 19.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.116 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

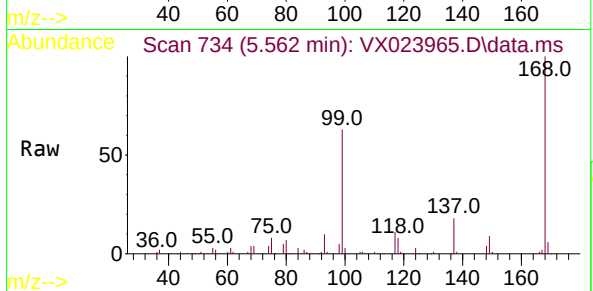
Tgt Ion: 75 Resp: 11250
Ion Ratio Lower Upper
75 100
110 5.9 18.1 54.4#
77 0.0 25.3 37.9#



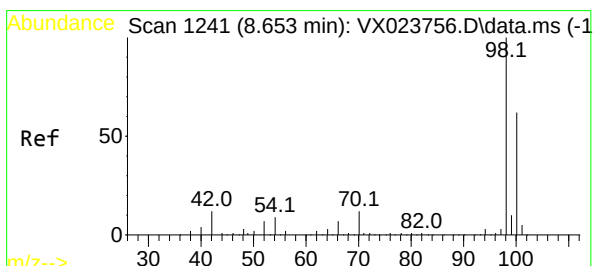
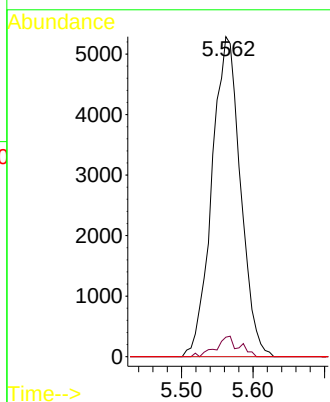
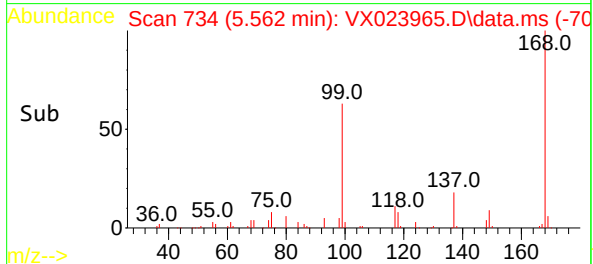


#38
Carbon Tetrachloride
Concen: 6.391 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

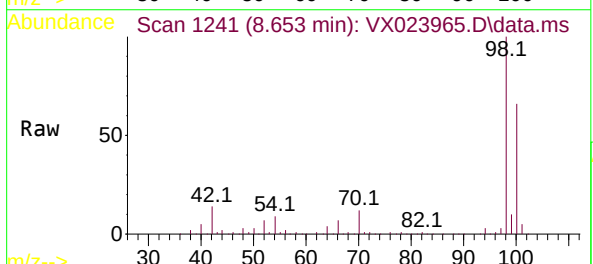
Instrument :
MSVOA_X
ClientSampled :



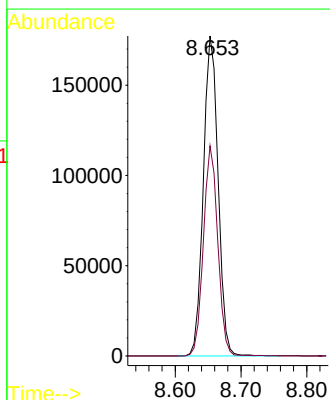
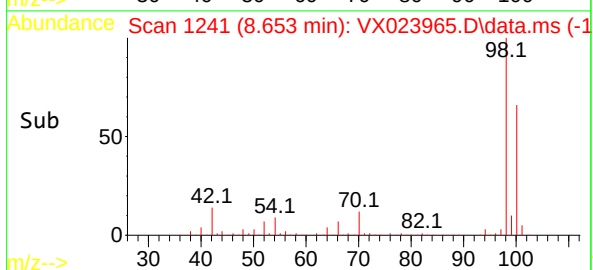
Tgt Ion:117 Resp: 14656
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

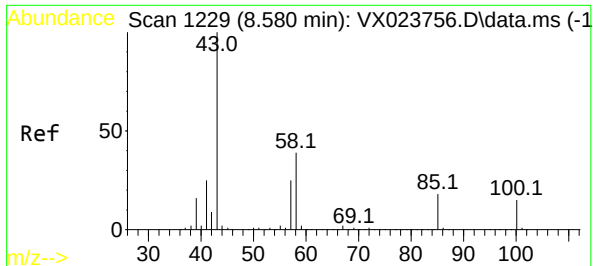


#50
Toluene-d8
Concen: 46.259 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09



Tgt Ion: 98 Resp: 276719
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

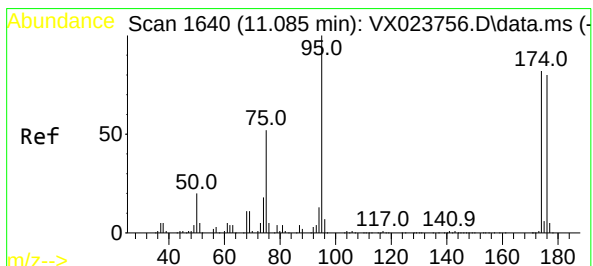
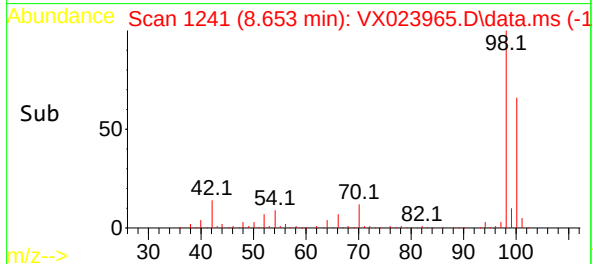
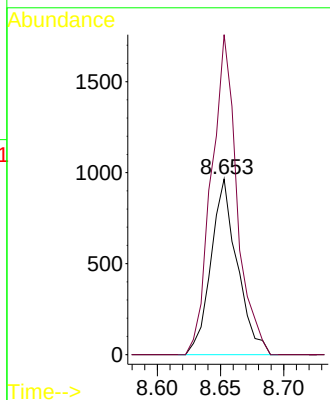
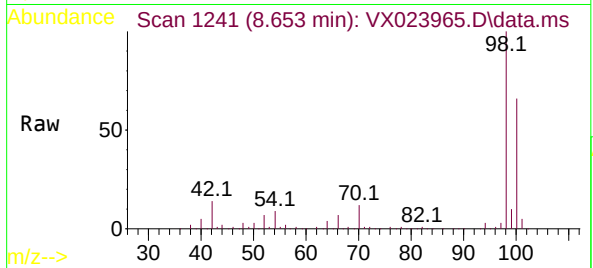




#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

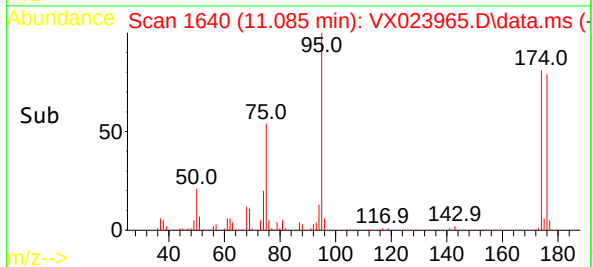
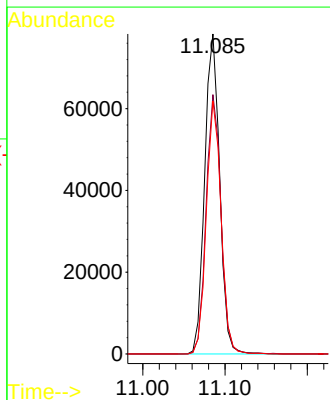
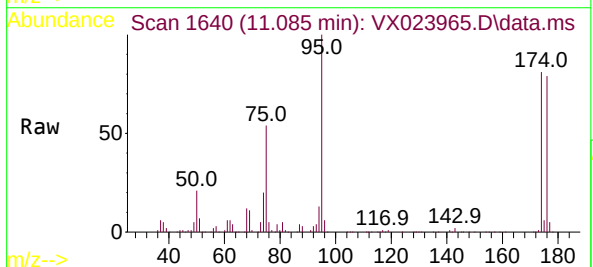
Instrument :
MSVOA_X
ClientSampled :

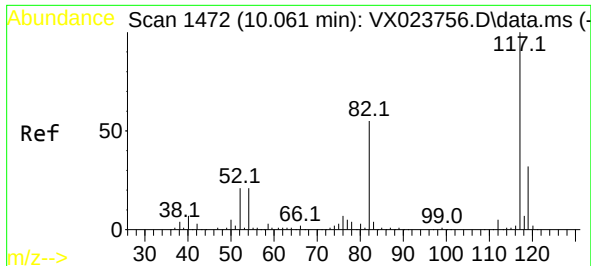
Tgt Ion: 43 Resp: 1398
Ion Ratio Lower Upper
43 100
58 176.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.044 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

Tgt Ion: 95 Resp: 99191
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 77.7 0.0 155.8

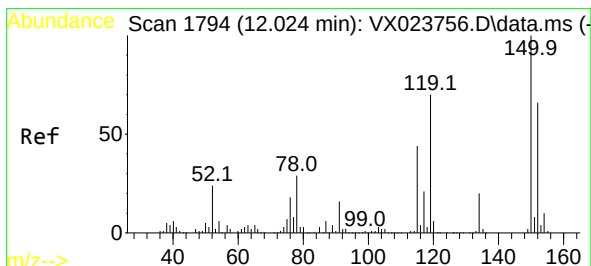
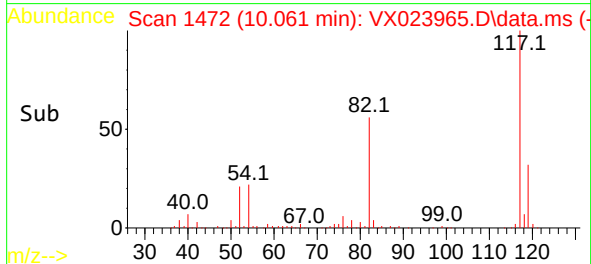
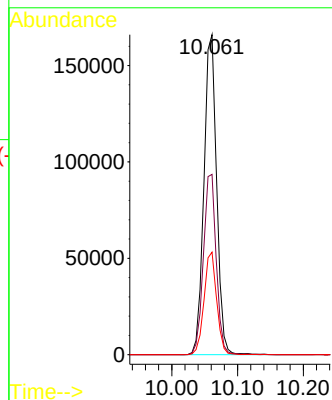
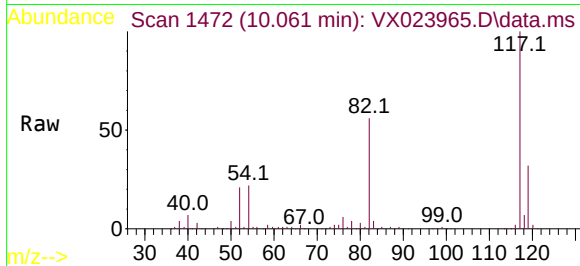




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

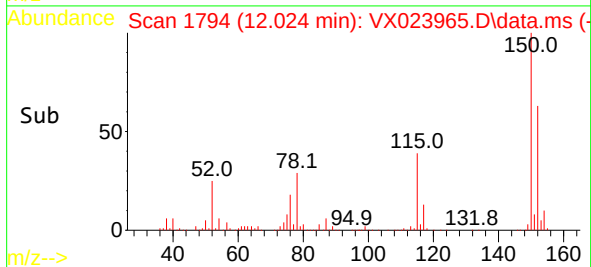
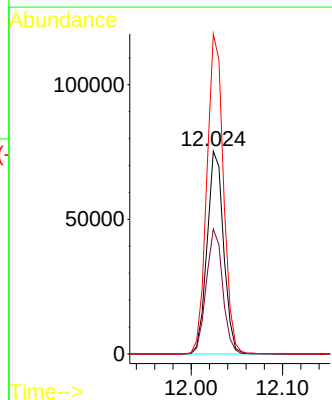
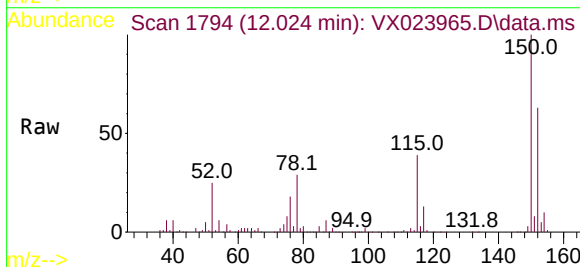
Instrument :
MSVOA_X
ClientSampleId :

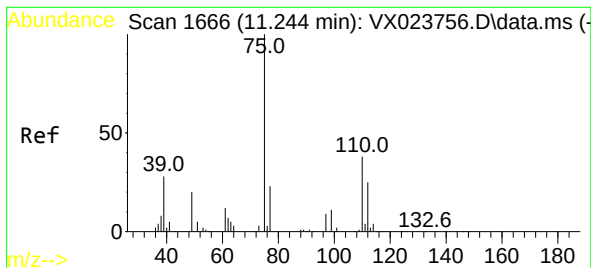
Tgt Ion:117 Resp: 223240
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

Tgt Ion:152 Resp: 94055
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 158.5 0.0 349.0

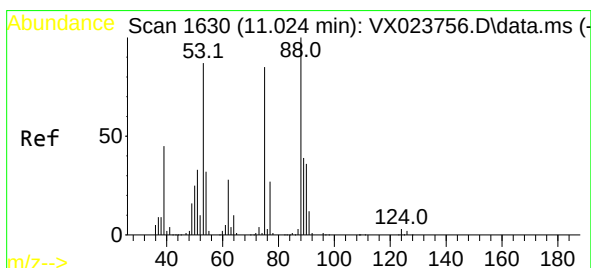
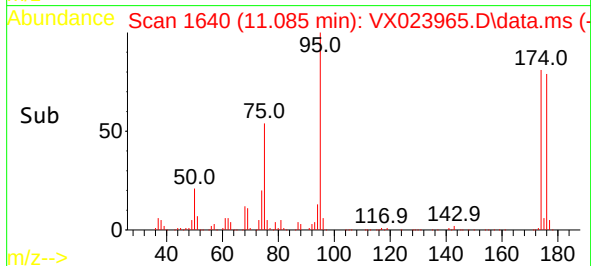
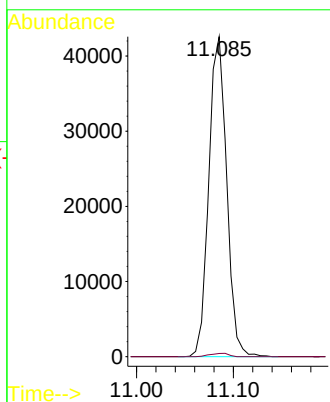
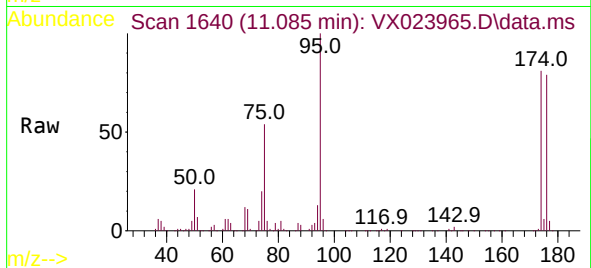




#76
1,2,3-Trichloropropane
Concen: 24.936 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 54710
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.349 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023965.D
Acq: 26 Aug 2021 15:09

Tgt Ion: 75 Resp: 54710
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

