

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083121\
 Data File : VX024048.D
 Acq On : 31 Aug 2021 16:47
 Operator : JC/MD
 Sample : M3584-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20210827

Quant Time: Sep 01 05:04:23 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)

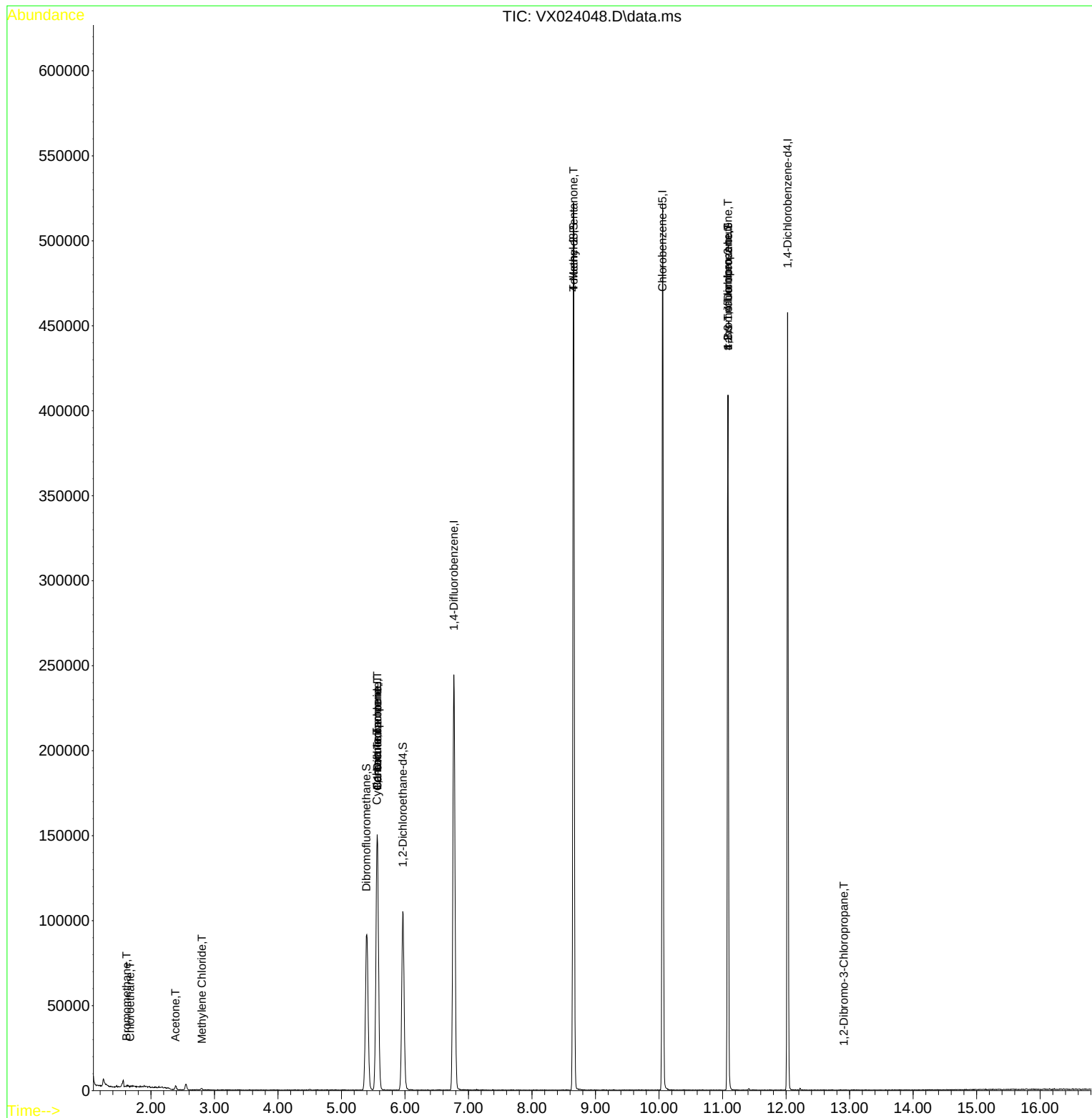
Internal Standards						
1) Pentafluorobenzene	5.562	168	138298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	240409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105004	54.401	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.800%		
35) Dibromofluoromethane	5.391	113	79700	50.088	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.180%		
50) Toluene-d8	8.653	98	296230	48.913	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.820%		
62) 4-Bromofluorobenzene	11.085	95	104532	46.887	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.780%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	496	0.505	ug/l	82
6) Chloroethane	1.672	64	680	2.715	ug/l #	43
16) Acetone	2.386	43	2348	2.721	ug/l	94
20) Methylene Chloride	2.800	84	481	0.292	ug/l #	88
31) Cyclohexane	5.556	56	3343	1.348	ug/l #	19
36) 1,1-Dichloropropene	5.562	75	11662	5.238	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14458	6.228	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1484	0.536	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	55897	26.045	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55897	76.612	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.908	75	22	2.201	ug/l #	1

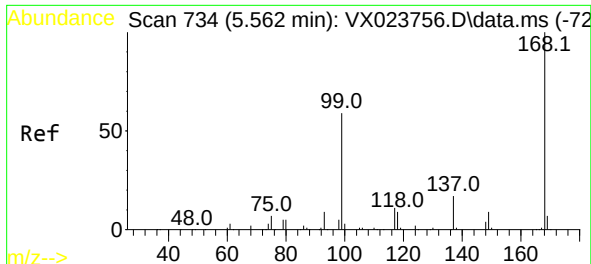
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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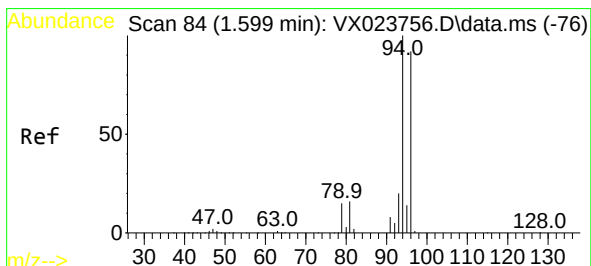
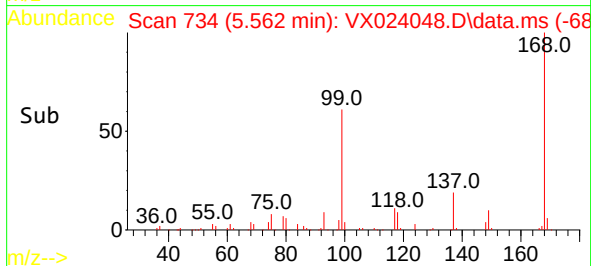
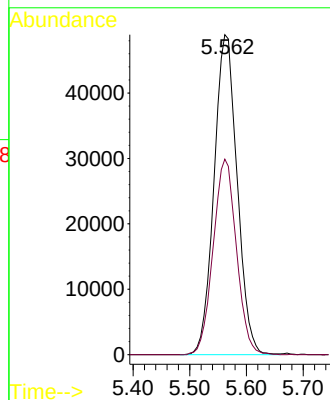
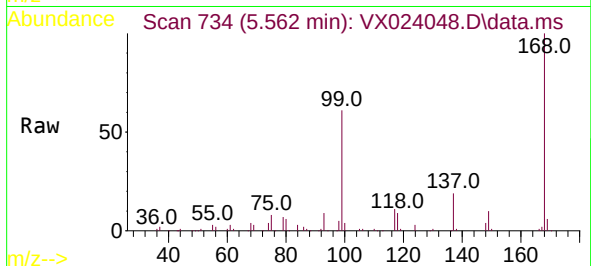




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

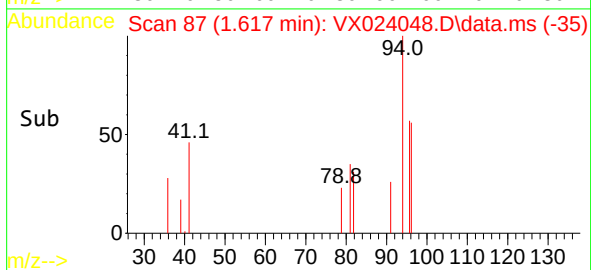
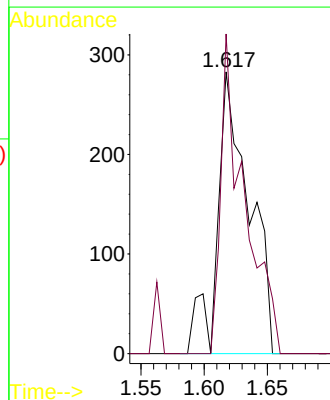
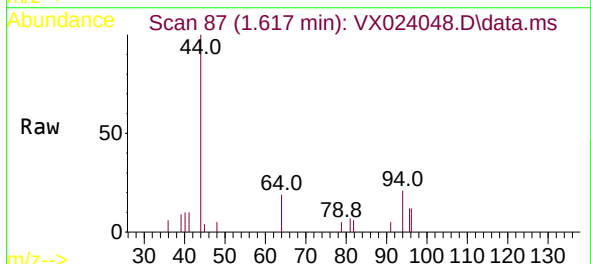
Instrument :
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DUP01-20210827

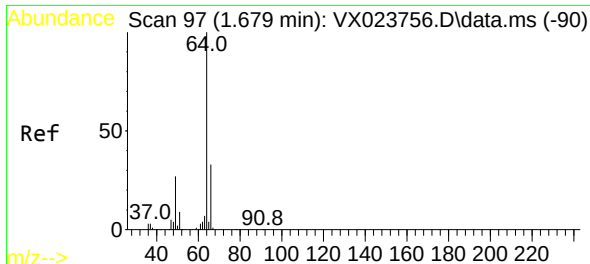
Tgt Ion:168 Resp: 138298
Ion Ratio Lower Upper
168 100
99 61.1 45.8 68.6



#5
Bromomethane
Concen: 0.505 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 113.4 76.4 114.6

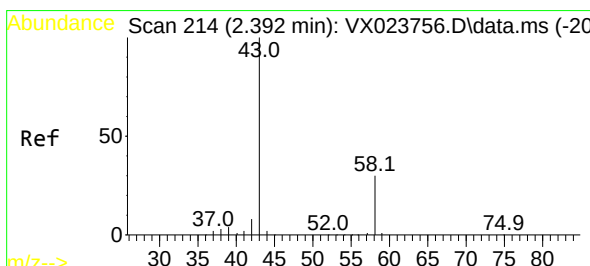
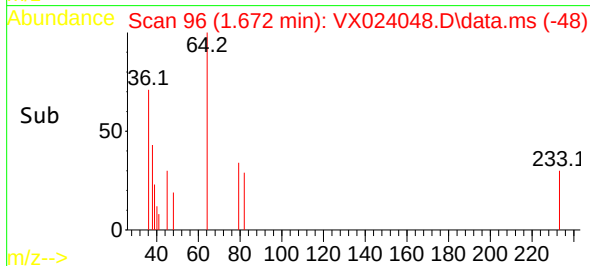
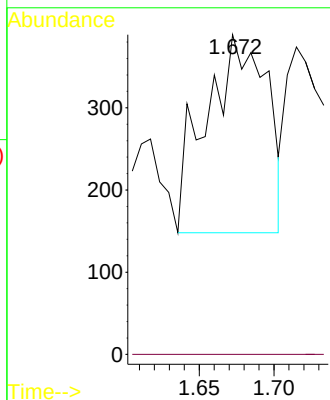
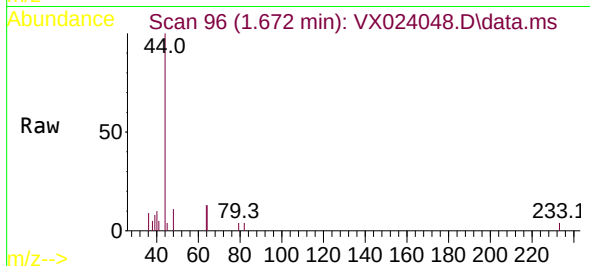




#6
Chloroethane
Concen: 2.715 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

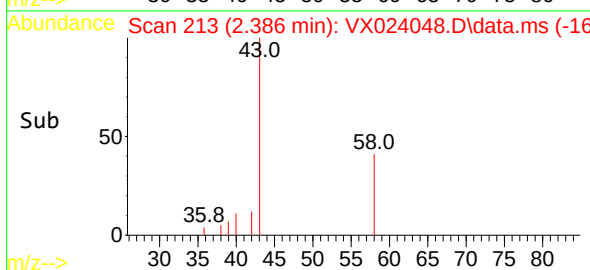
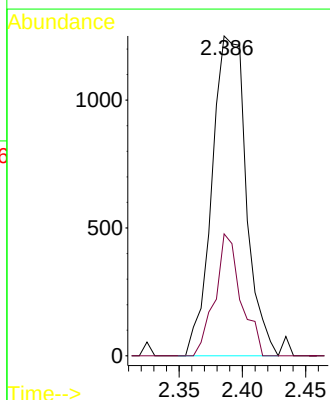
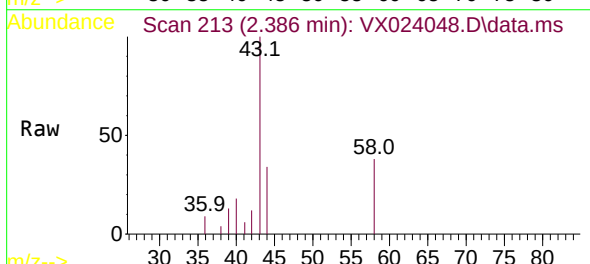
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

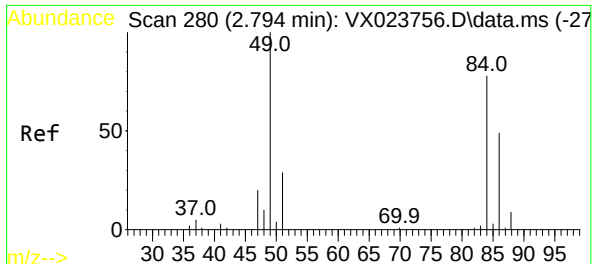
Tgt Ion: 64 Resp: 680
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#16
Acetone
Concen: 2.721 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

Tgt Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
58 38.1 27.8 41.8





#20

Methylene Chloride

Concen: 0.292 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024048.D

Acq: 31 Aug 2021 16:47

Tgt Ion: 84 Resp: 481

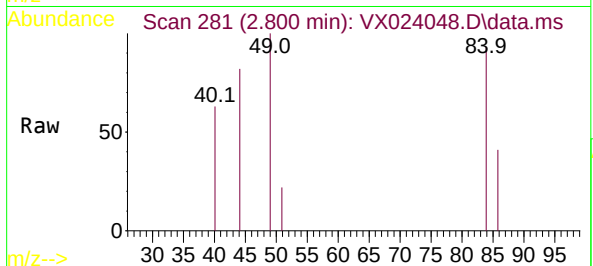
Ion Ratio Lower Upper

84 100

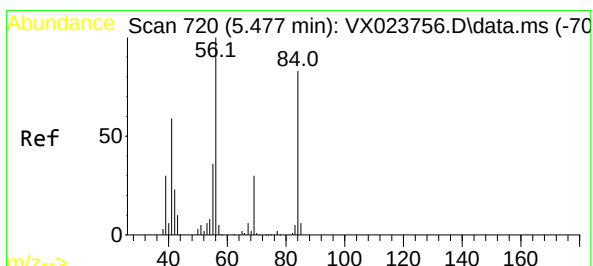
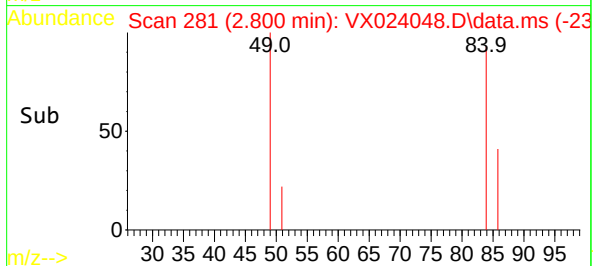
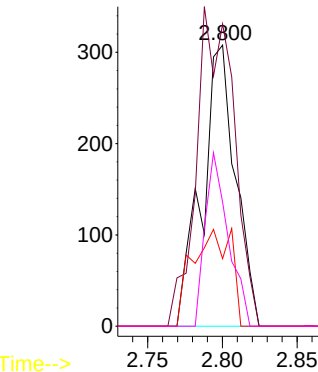
49 107.5 88.6 132.8

51 24.0 27.0 40.6#

86 44.2 50.3 75.5#



Abundance



#31

Cyclohexane

Concen: 1.348 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024048.D

Acq: 31 Aug 2021 16:47

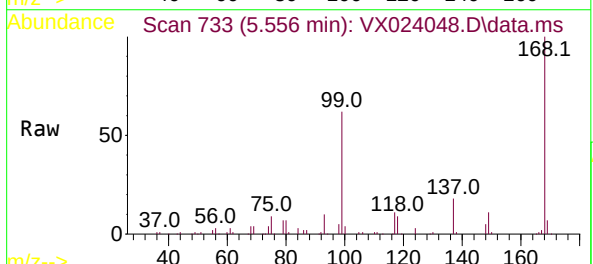
Tgt Ion: 56 Resp: 3343

Ion Ratio Lower Upper

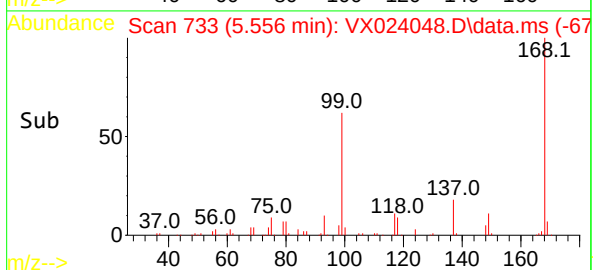
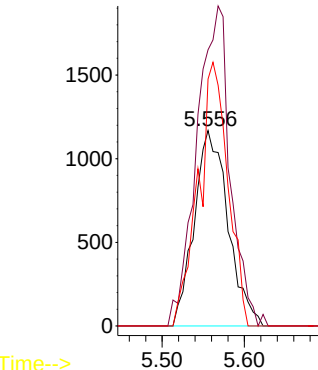
56 100

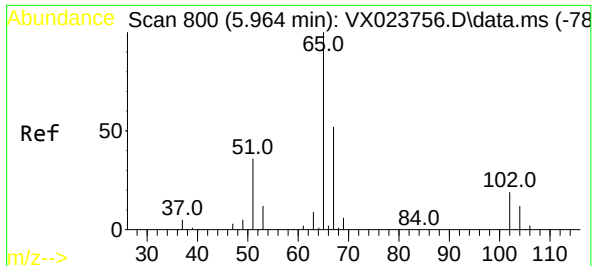
69 141.4 25.3 37.9#

84 126.4 71.4 107.0#



Abundance



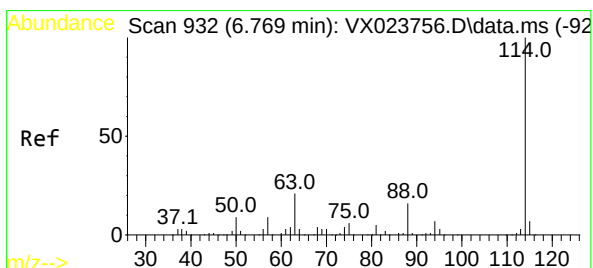
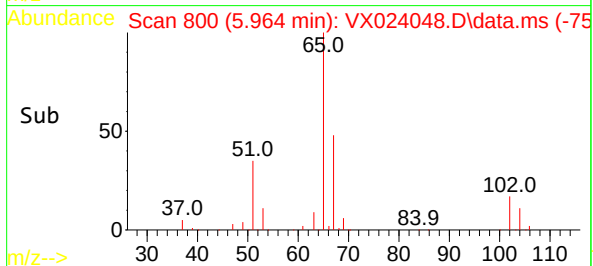
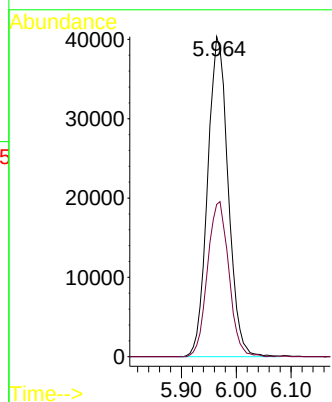
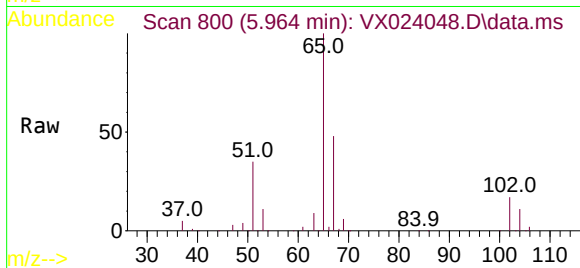


#33

1,2-Dichloroethane-d4
Concen: 54.401 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024048.D
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DUP01-20210827

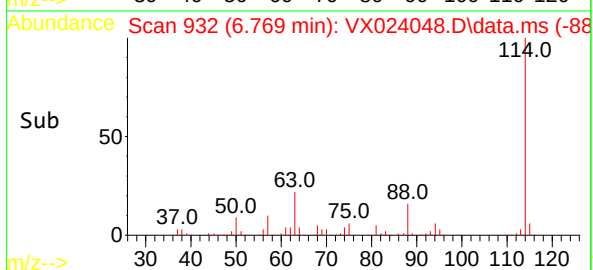
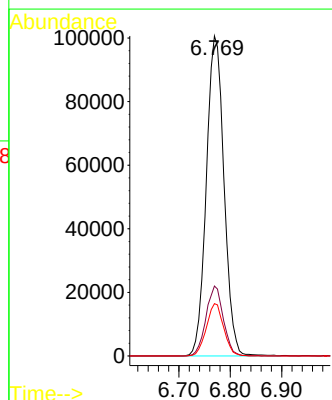
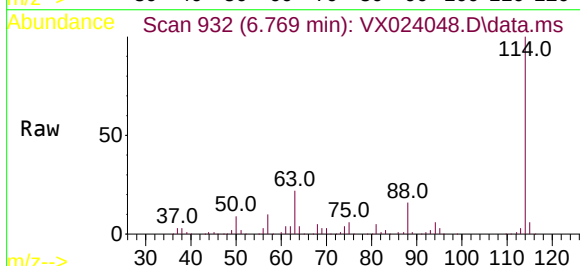
Tgt Ion: 65 Resp: 105004
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

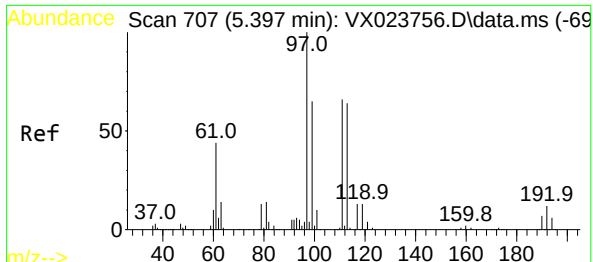


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

Tgt Ion: 114 Resp: 240409
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.8
88 16.4 0.0 32.8

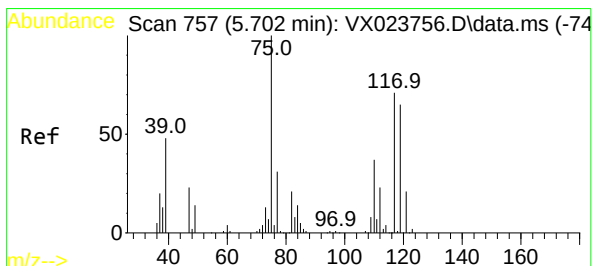
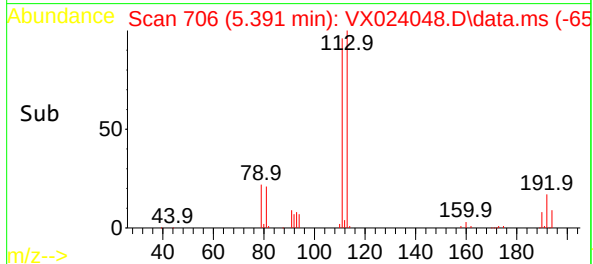
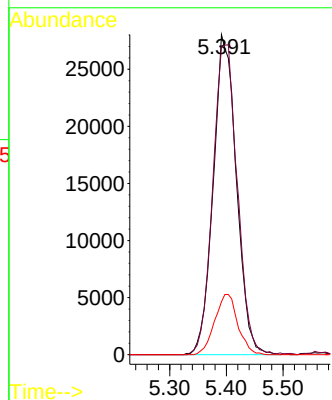
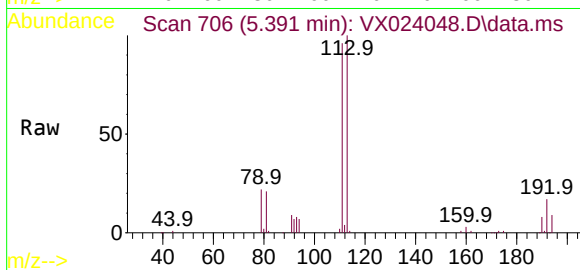




#35
Dibromofluoromethane
Concen: 50.088 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

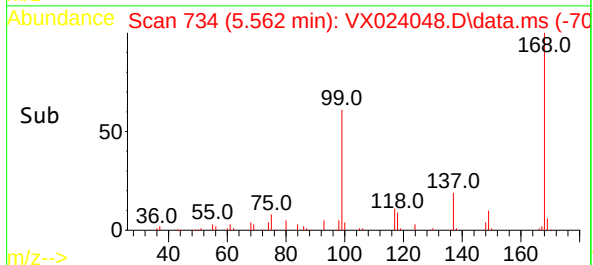
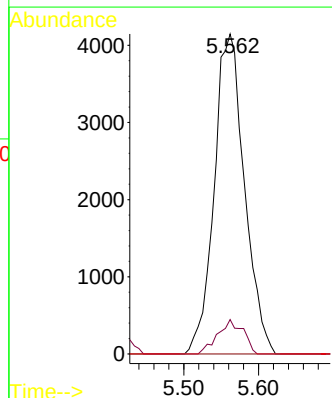
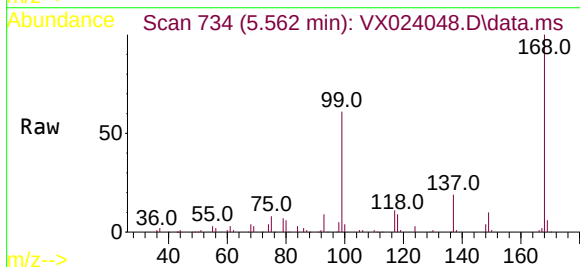
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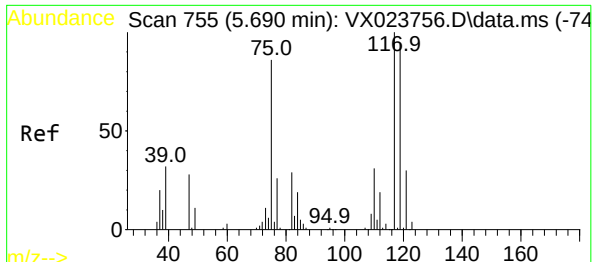
Tgt Ion:113 Resp: 79700
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 18.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.238 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

Tgt Ion: 75 Resp: 11662
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#

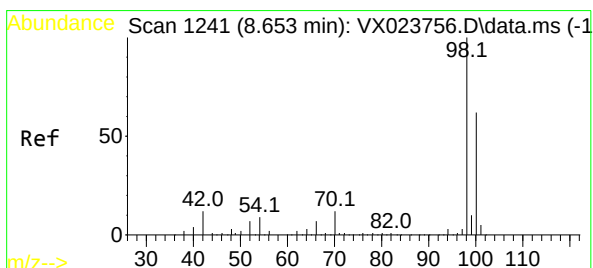
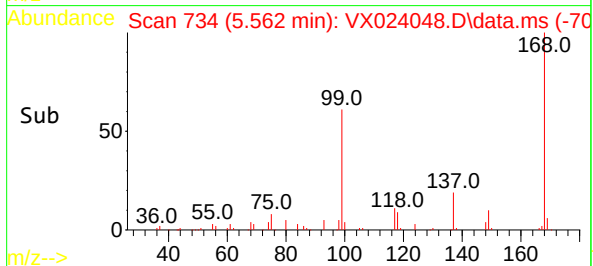
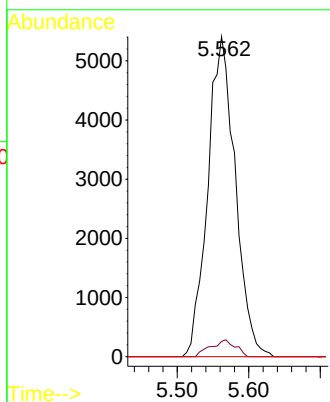
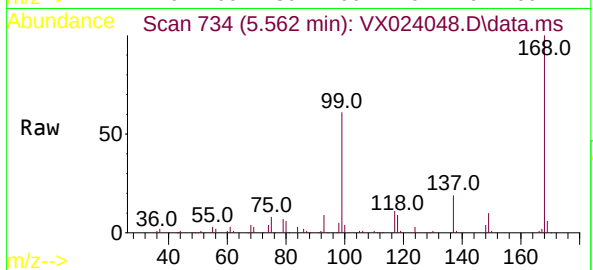




#38
Carbon Tetrachloride
Concen: 6.228 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

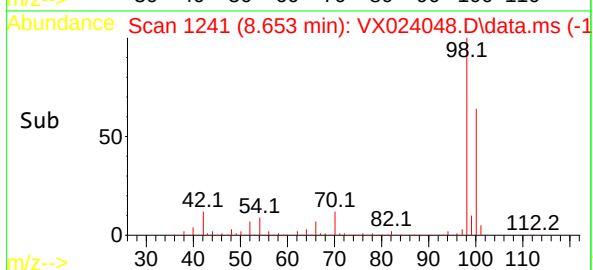
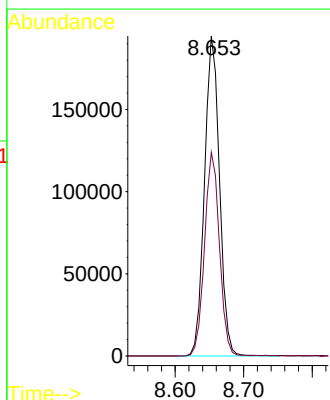
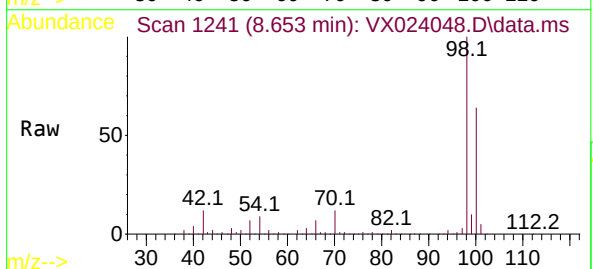
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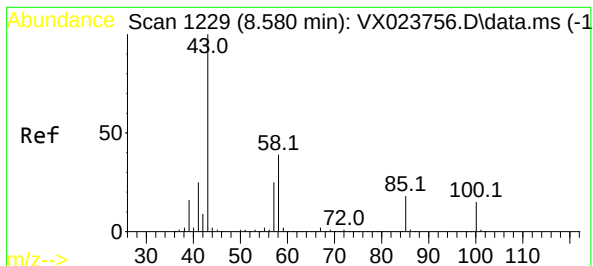
Tgt Ion:117 Resp: 14458
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.913 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

Tgt Ion: 98 Resp: 296230
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

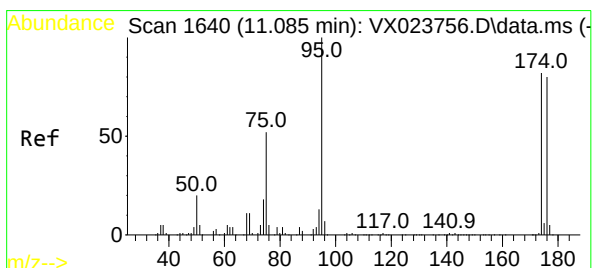
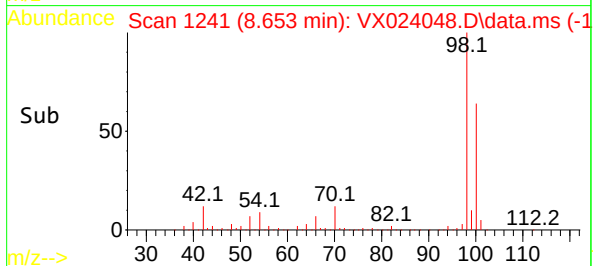
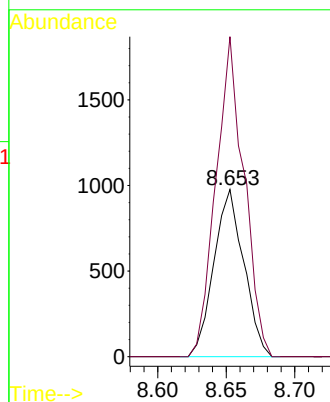
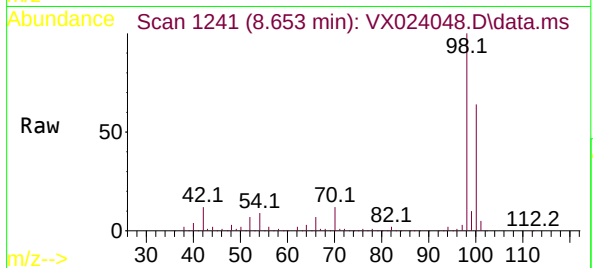




#51
4-Methyl-2-Pentanone
Concen: 0.536 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

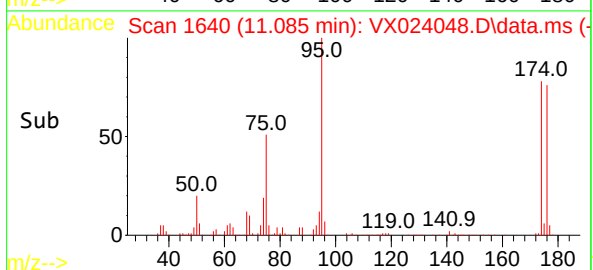
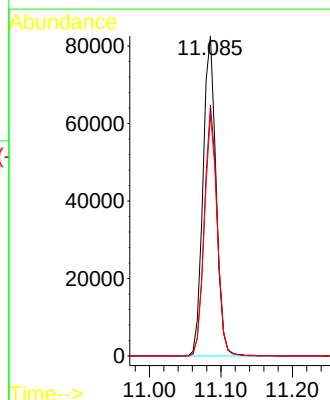
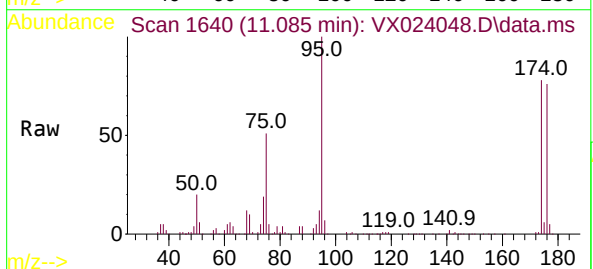
Instrument :
MSVOA_X
ClientSampleId :
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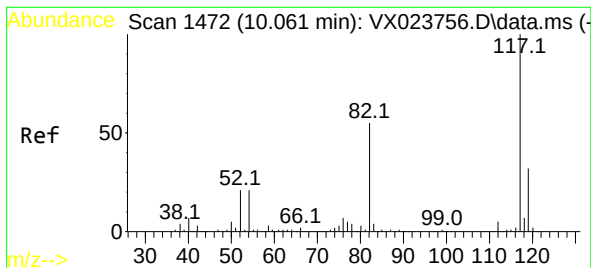
Tgt Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
58 179.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.887 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

Tgt Ion: 95 Resp: 104532
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.6
176 74.3 0.0 155.8

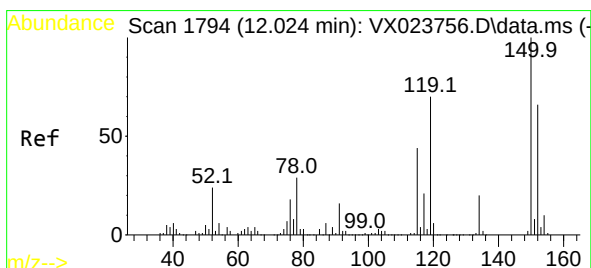
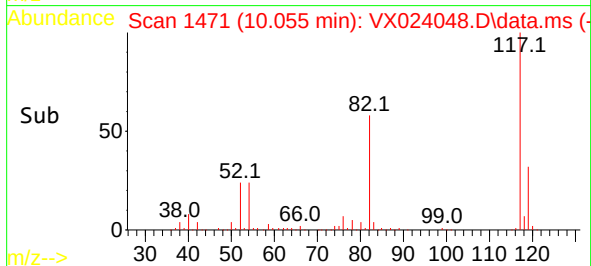
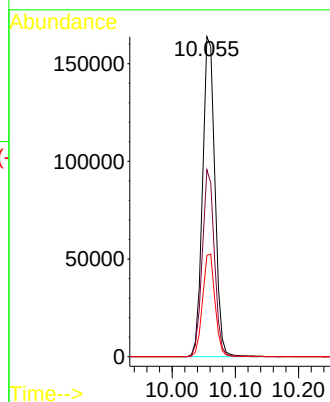
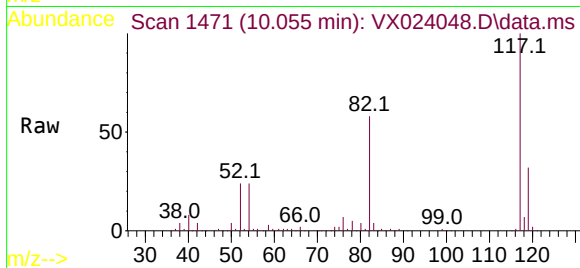




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

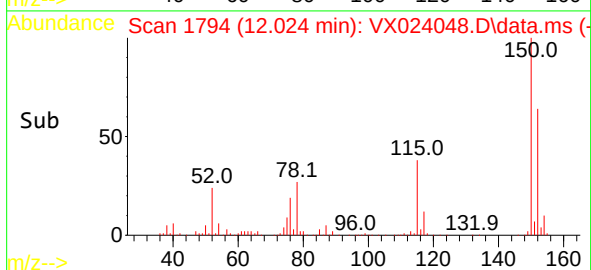
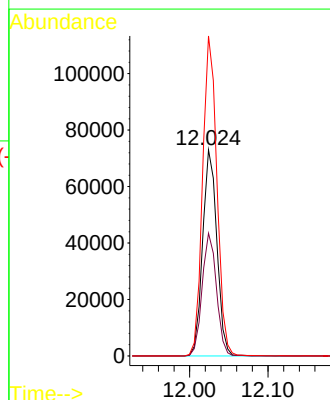
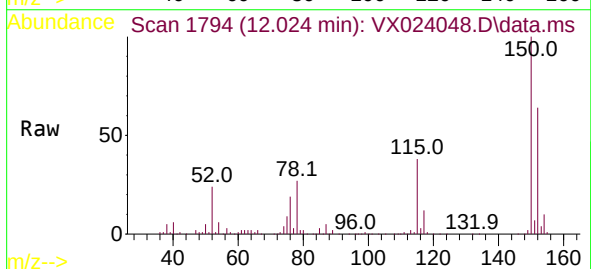
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

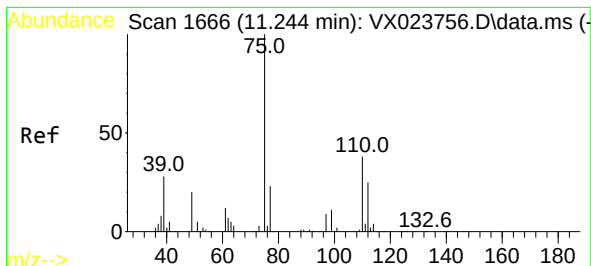
Tgt Ion:117 Resp: 223258
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

Tgt Ion:152 Resp: 92003
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 155.9 0.0 349.0

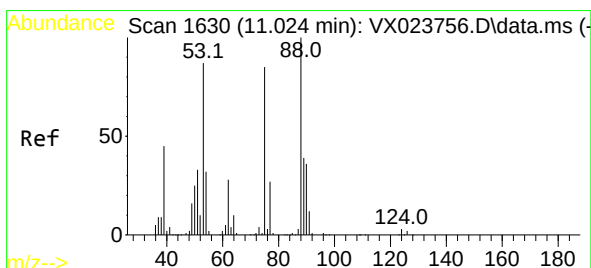
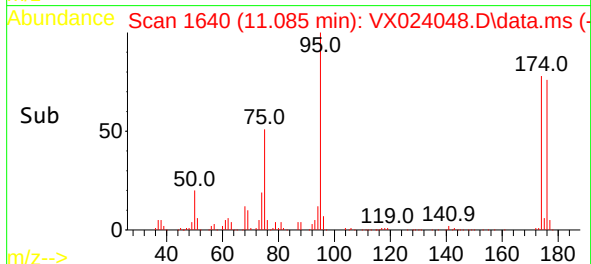
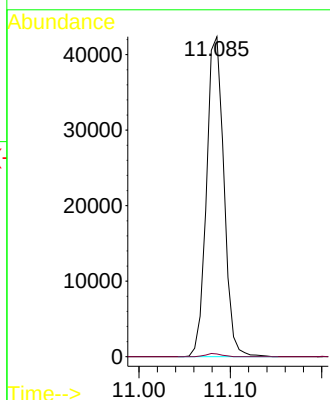
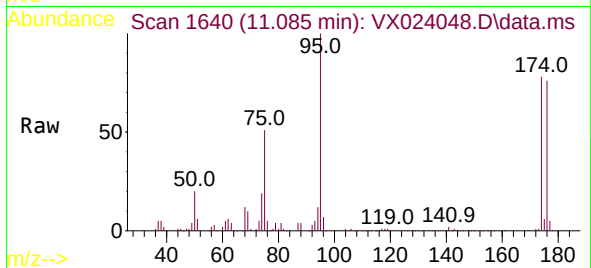




#76
1,2,3-Trichloropropane
Concen: 26.045 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

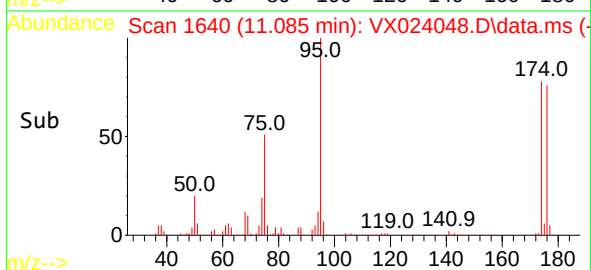
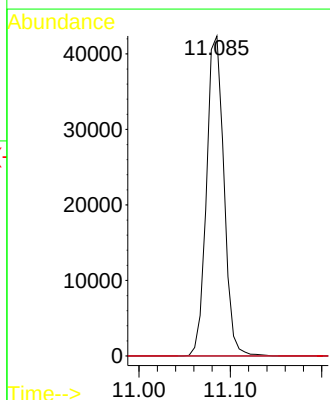
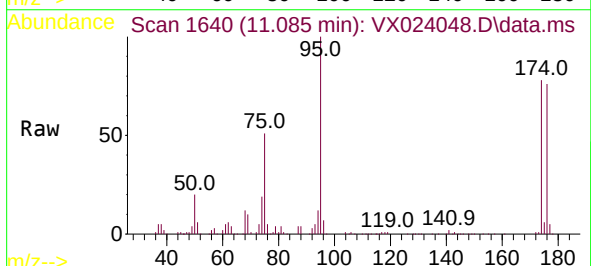
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20210827

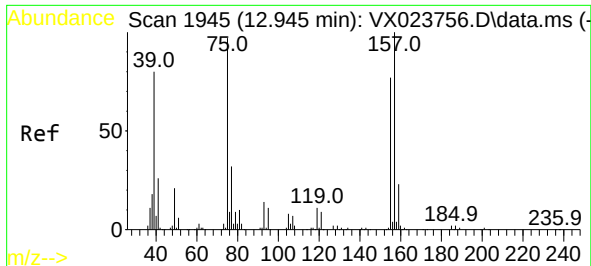
Tgt Ion: 75 Resp: 55897
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.612 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024048.D
Acq: 31 Aug 2021 16:47

Tgt Ion: 75 Resp: 55897
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.201 ug/l
 RT: 12.908 min Scan# 1939
 Delta R.T. -0.037 min
 Lab File: VX024048.D
 Acq: 31 Aug 2021 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20210827

Tgt Ion: 75 Resp: 22
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.3 135.9#
 157 0.0 57.7 173.1#

