

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030750.D
 Acq On : 23 Aug 2022 22:44
 Operator : JC/MD
 Sample : N4245-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW17811-20220816DL

Quant Time: Aug 24 04:33:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

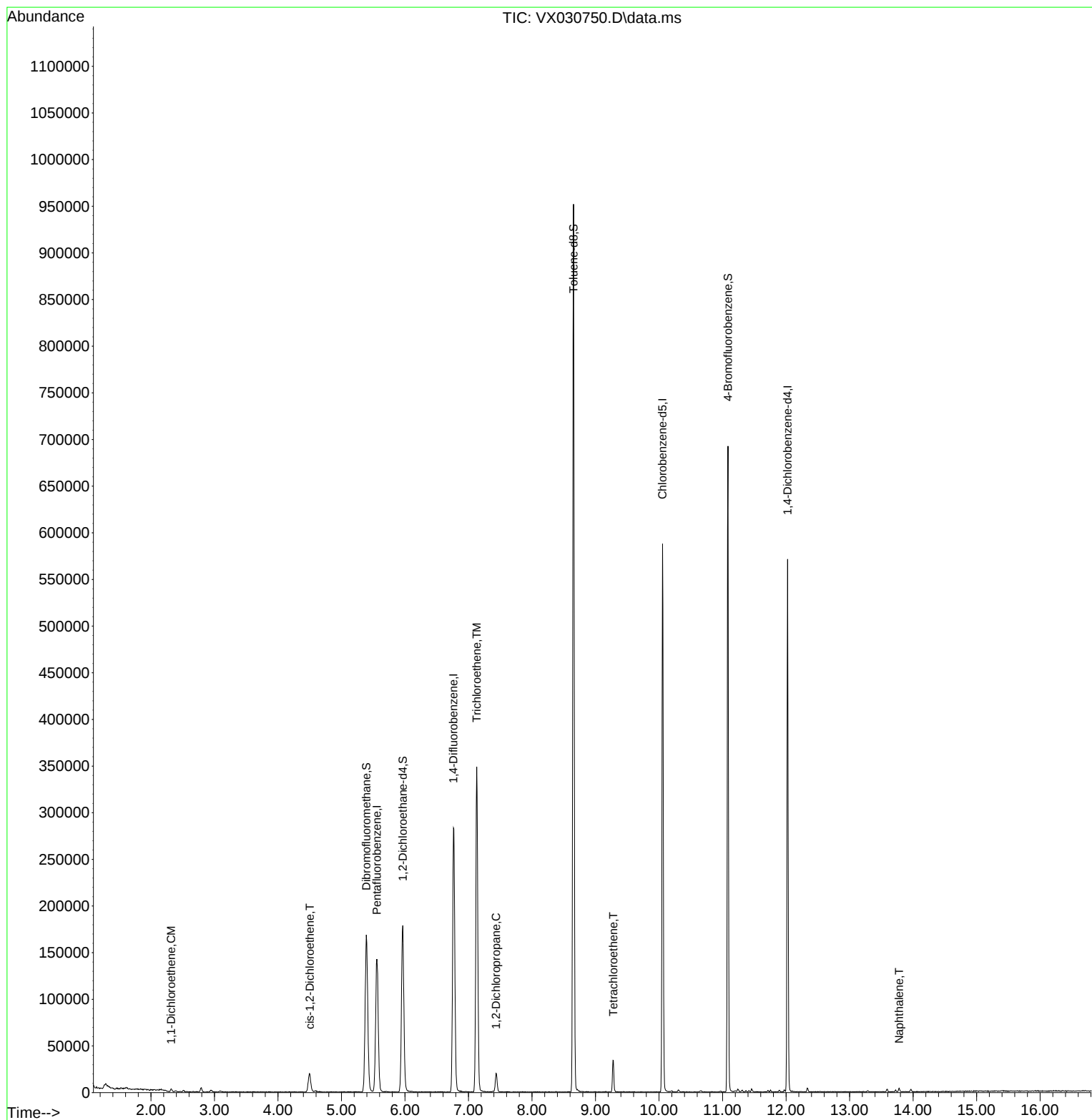
Internal Standards						
1) Pentafluorobenzene	5.556	168	136209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	306499	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	163260	59.634	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.260%	
35) Dibromofluoromethane	5.391	113	154266	52.651	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.300%	
50) Toluene-d8	8.653	98	568483	50.101	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	11.085	95	195554	46.438	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.880%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	967	0.454	ug/l #	77
27) cis-1,2-Dichloroethene	4.501	96	13558	4.909	ug/l	91
44) Trichloroethene	7.129	130	136628	37.690	ug/l	98
45) 1,2-Dichloropropane	7.434	63	8906	2.517	ug/l	99
64) Tetrachloroethene	9.281	164	6748	2.238	ug/l #	86
95) Naphthalene	13.780	128	2663	0.301	ug/l #	95

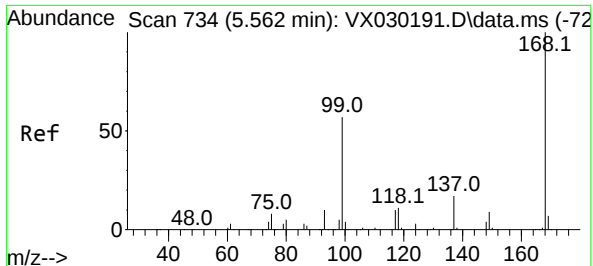
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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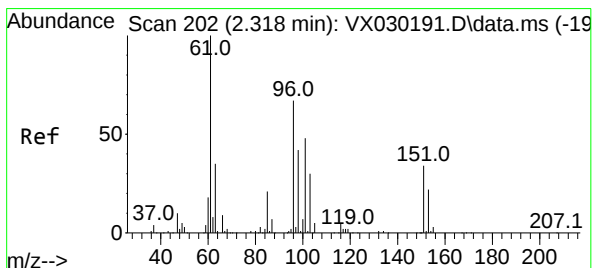
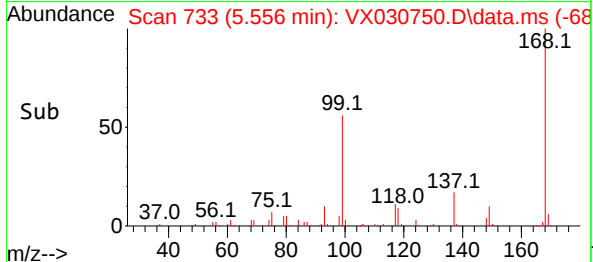
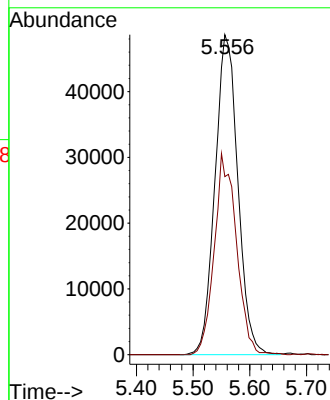
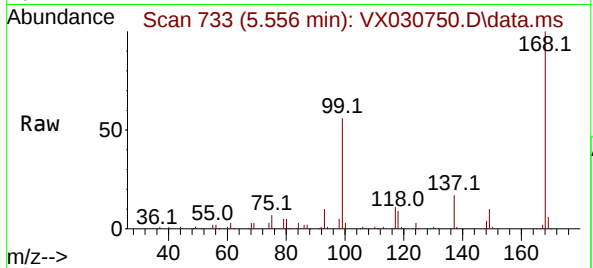




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX030750.D
Acq: 23 Aug 2022 22:44

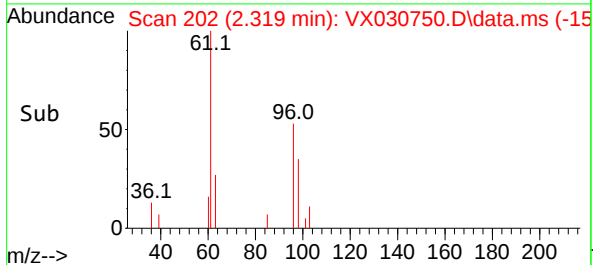
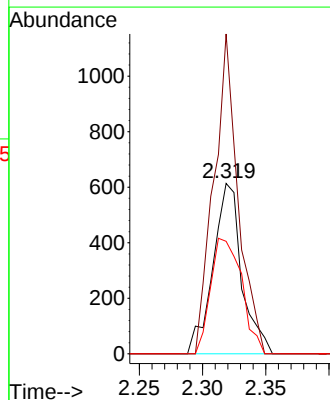
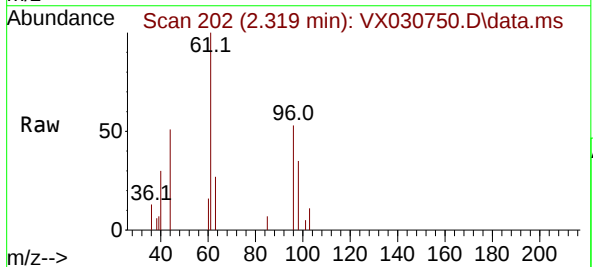
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20220816DL

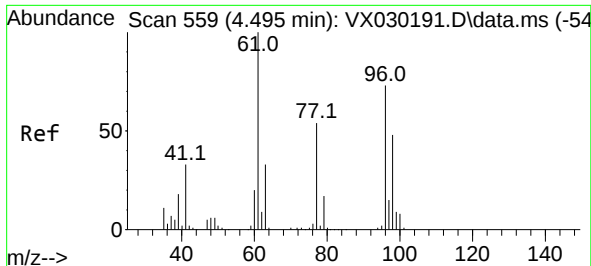
Tgt Ion:168 Resp: 136209
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#12
1,1-Dichloroethene
Concen: 0.454 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX030750.D
Acq: 23 Aug 2022 22:44

Tgt Ion: 96 Resp: 967
Ion Ratio Lower Upper
96 100
61 187.6 117.4 176.0#
98 66.0 52.2 78.4





#27

cis-1,2-Dichloroethene

Concen: 4.909 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX030750.D

Acq: 23 Aug 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

MW17811-20220816DL

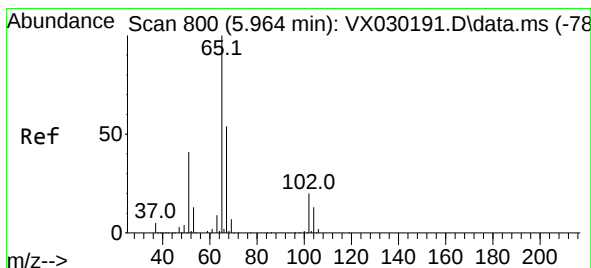
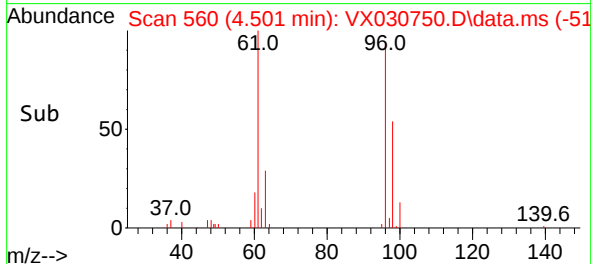
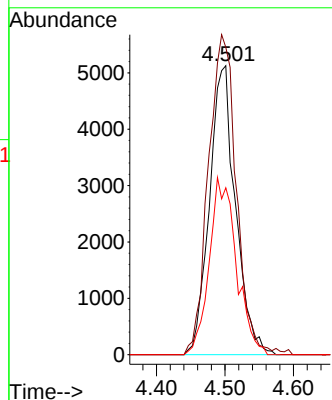
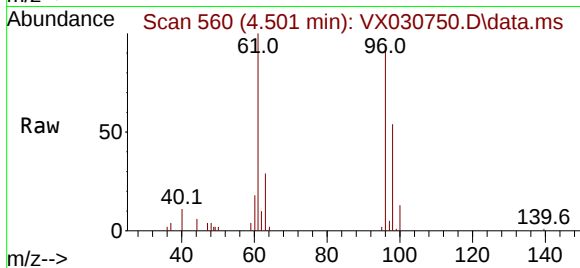
Tgt Ion: 96 Resp: 13558

Ion Ratio Lower Upper

96 100

61 118.7 0.0 270.0

98 63.5 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 59.634 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030750.D

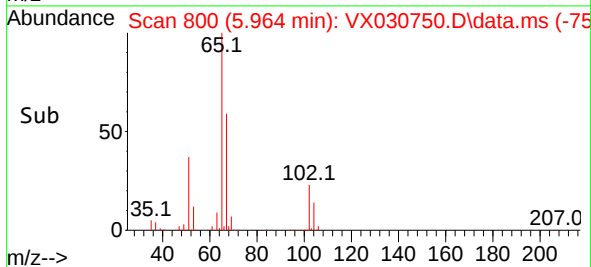
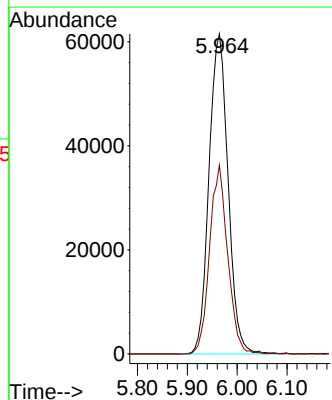
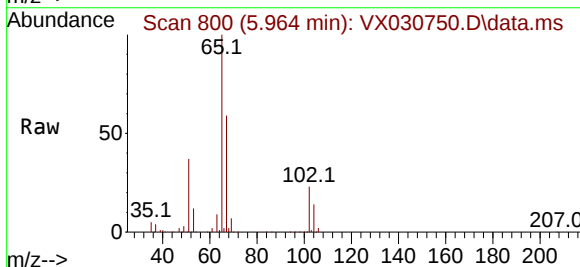
Acq: 23 Aug 2022 22:44

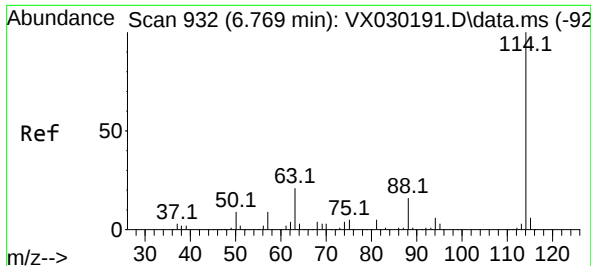
Tgt Ion: 65 Resp: 163260

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6

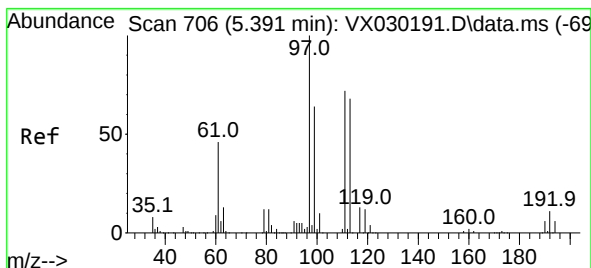
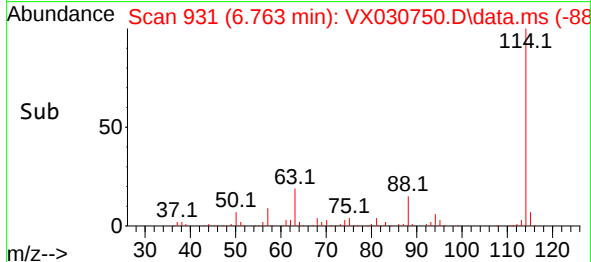
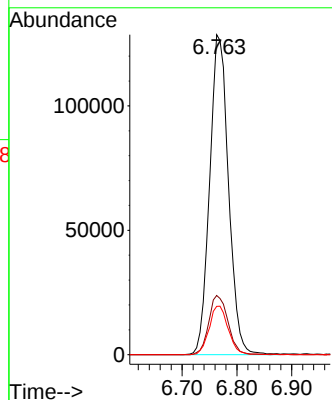
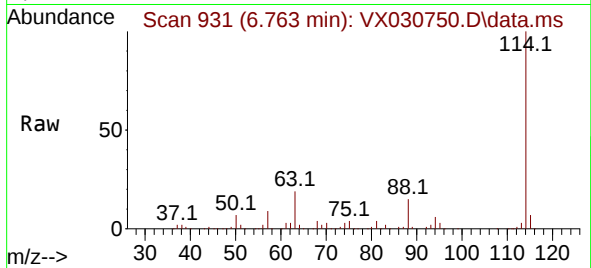




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030750.D
Acq: 23 Aug 2022 22:44

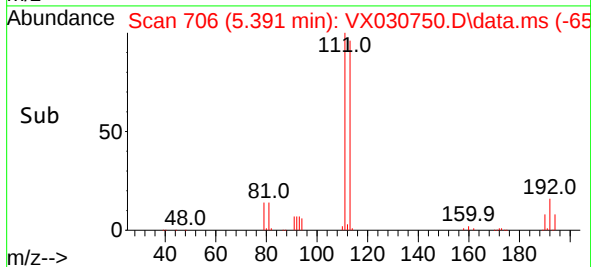
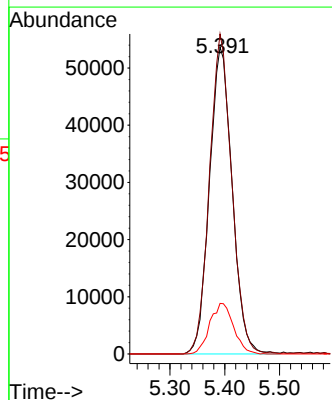
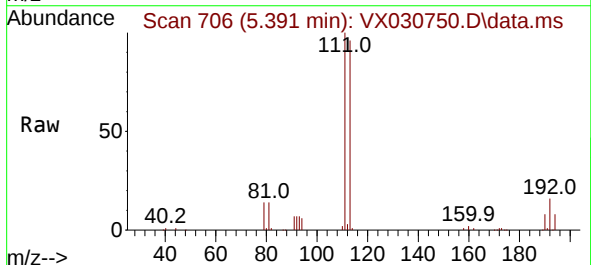
Instrument :
MSVOA_X
ClientSampleId :
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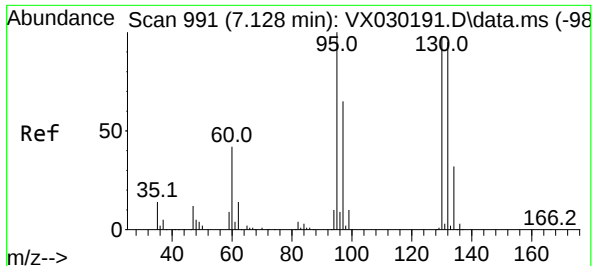
Tgt Ion:114 Resp: 306499
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.4
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.651 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030750.D
Acq: 23 Aug 2022 22:44

Tgt Ion:113 Resp: 154266
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 17.2 14.8 22.2

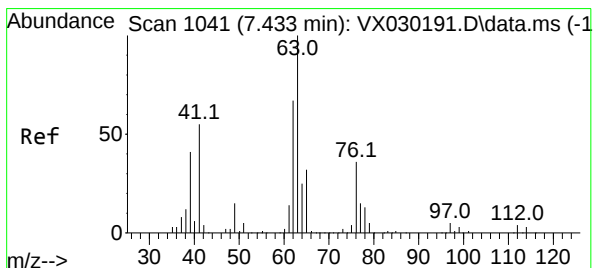
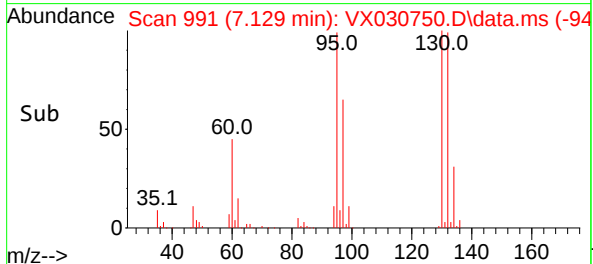
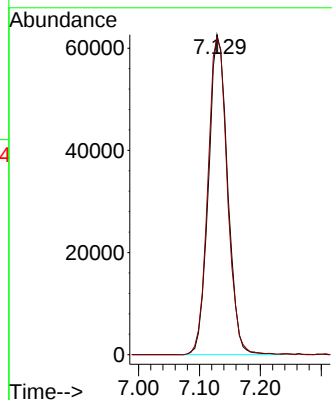
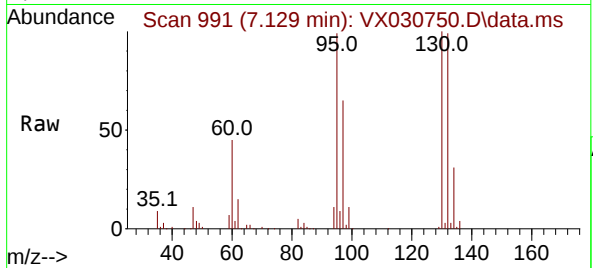




#44
Trichloroethene
Concen: 37.690 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030750.D
Acq: 23 Aug 2022 22:44

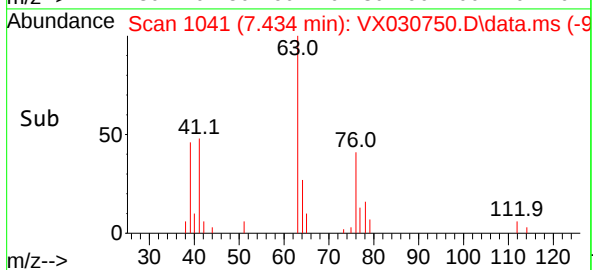
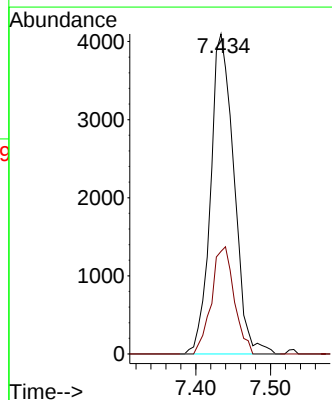
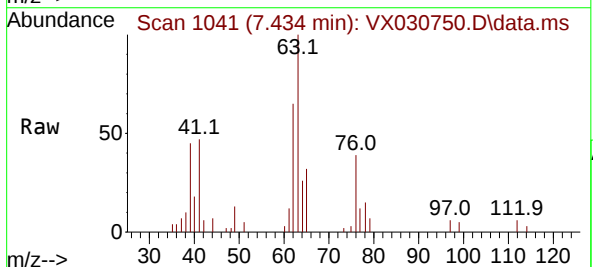
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20220816DL

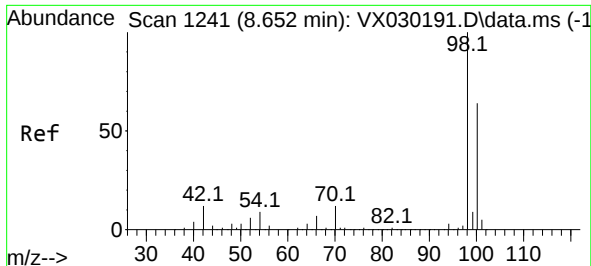
Tgt Ion:130 Resp: 136628
Ion Ratio Lower Upper
130 100
95 99.0 0.0 194.8



#45
1,2-Dichloropropane
Concen: 2.517 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.001 min
Lab File: VX030750.D
Acq: 23 Aug 2022 22:44

Tgt Ion: 63 Resp: 8906
Ion Ratio Lower Upper
63 100
65 32.0 25.2 37.8

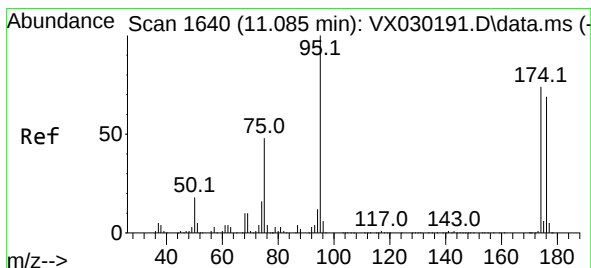
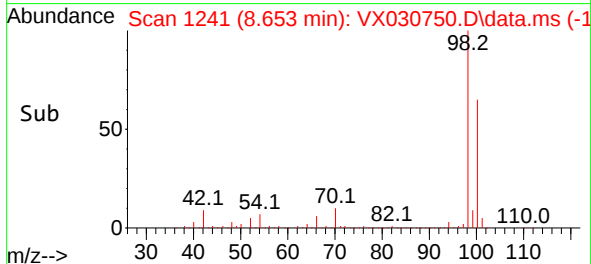
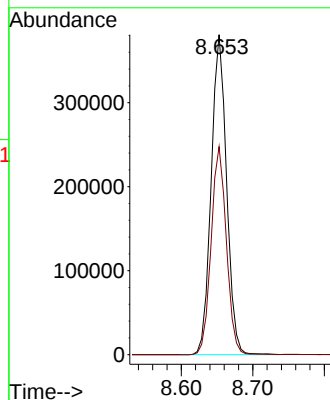
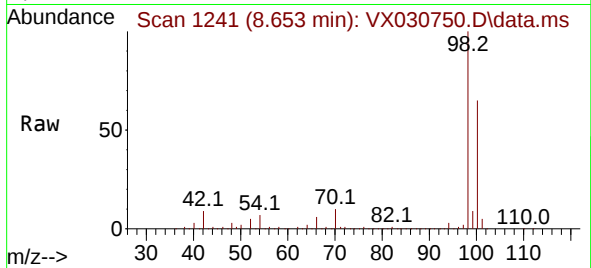




#50
Toluene-d8
Concen: 50.101 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030750.D
Acq: 23 Aug 2022 22:44

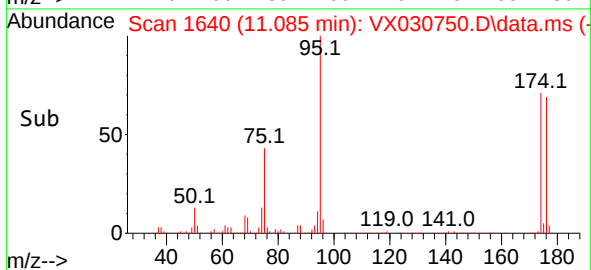
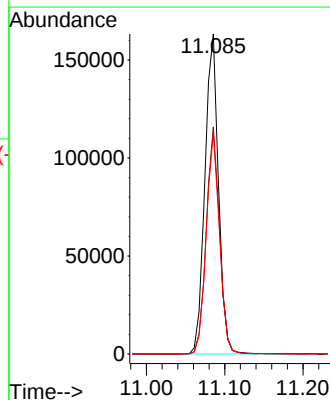
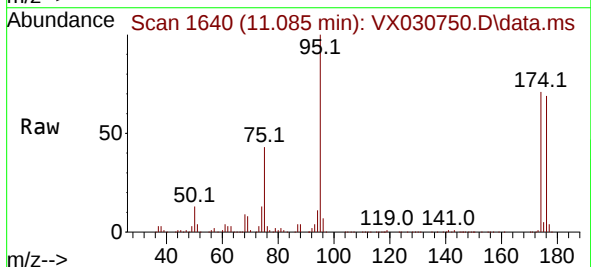
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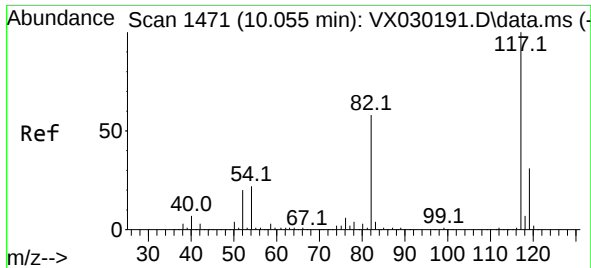
Tgt Ion: 98 Resp: 568483
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.438 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030750.D
Acq: 23 Aug 2022 22:44

Tgt Ion: 95 Resp: 195554
Ion Ratio Lower Upper
95 100
174 69.9 0.0 149.0
176 67.7 0.0 146.0

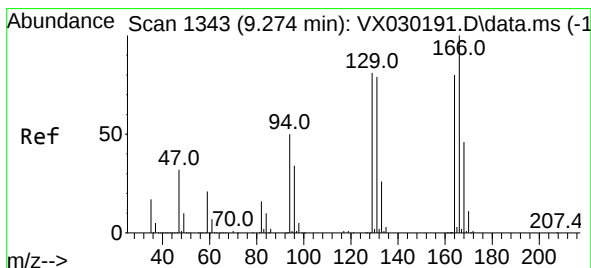
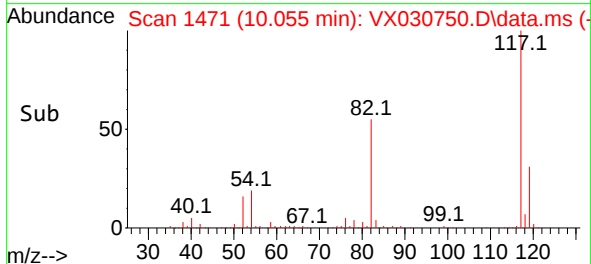
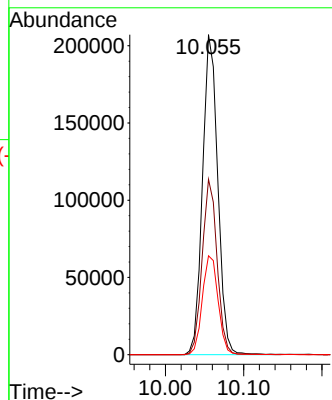
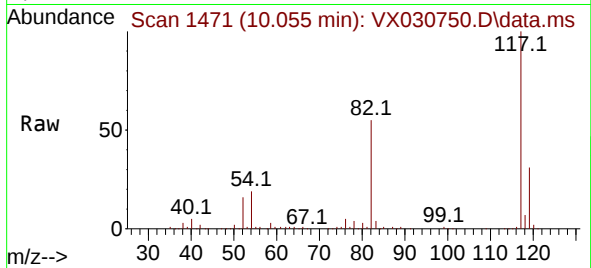




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030750.D
Acq: 23 Aug 2022 22:44

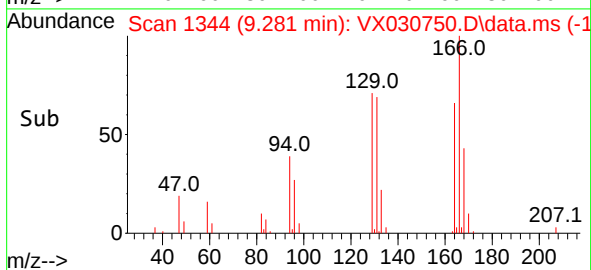
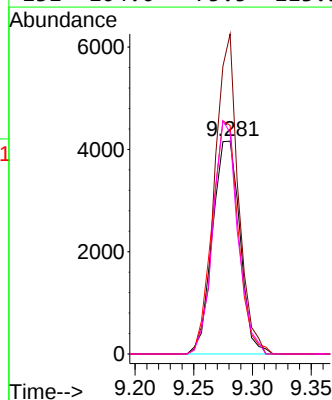
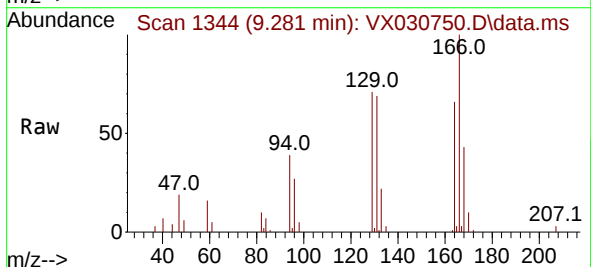
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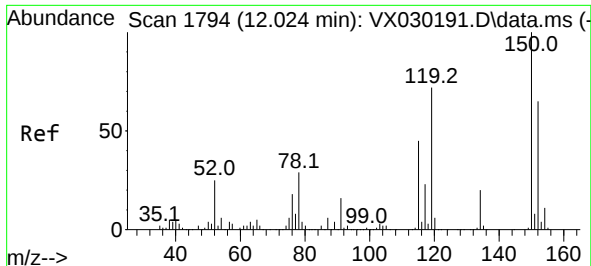
Tgt Ion:117 Resp: 280022
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 30.9 25.4 38.2



#64
Tetrachloroethene
Concen: 2.238 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.007 min
Lab File: VX030750.D
Acq: 23 Aug 2022 22:44

Tgt Ion:164 Resp: 6748
Ion Ratio Lower Upper
164 100
166 150.4 98.2 147.4#
129 107.4 80.8 121.2
131 104.0 75.5 113.3

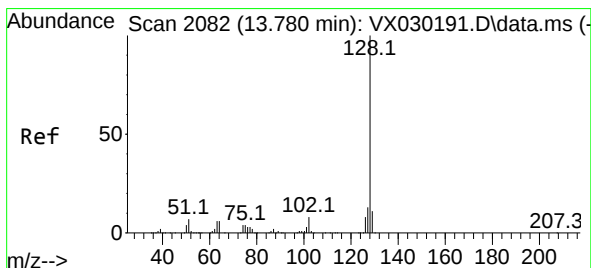
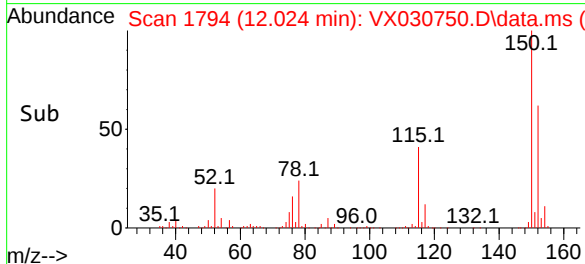
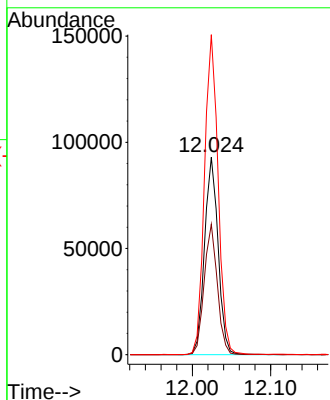
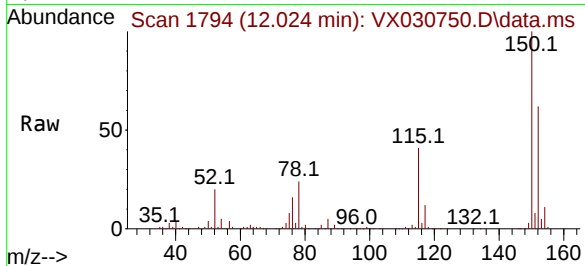




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030750.D
Acq: 23 Aug 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:152 Resp: 111732
Ion Ratio Lower Upper
152 100
115 64.1 40.5 121.5
150 162.1 0.0 347.0



#95
Naphthalene
Concen: 0.301 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030750.D
Acq: 23 Aug 2022 22:44

Tgt Ion:128 Resp: 2663
Ion Ratio Lower Upper
128 100
127 16.3 10.2 15.2#
129 10.5 8.6 13.0

