

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030782.D
 Acq On : 25 Aug 2022 19:33
 Operator : JC/MD
 Sample : N4245-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20220816

Quant Time: Aug 26 02:41:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

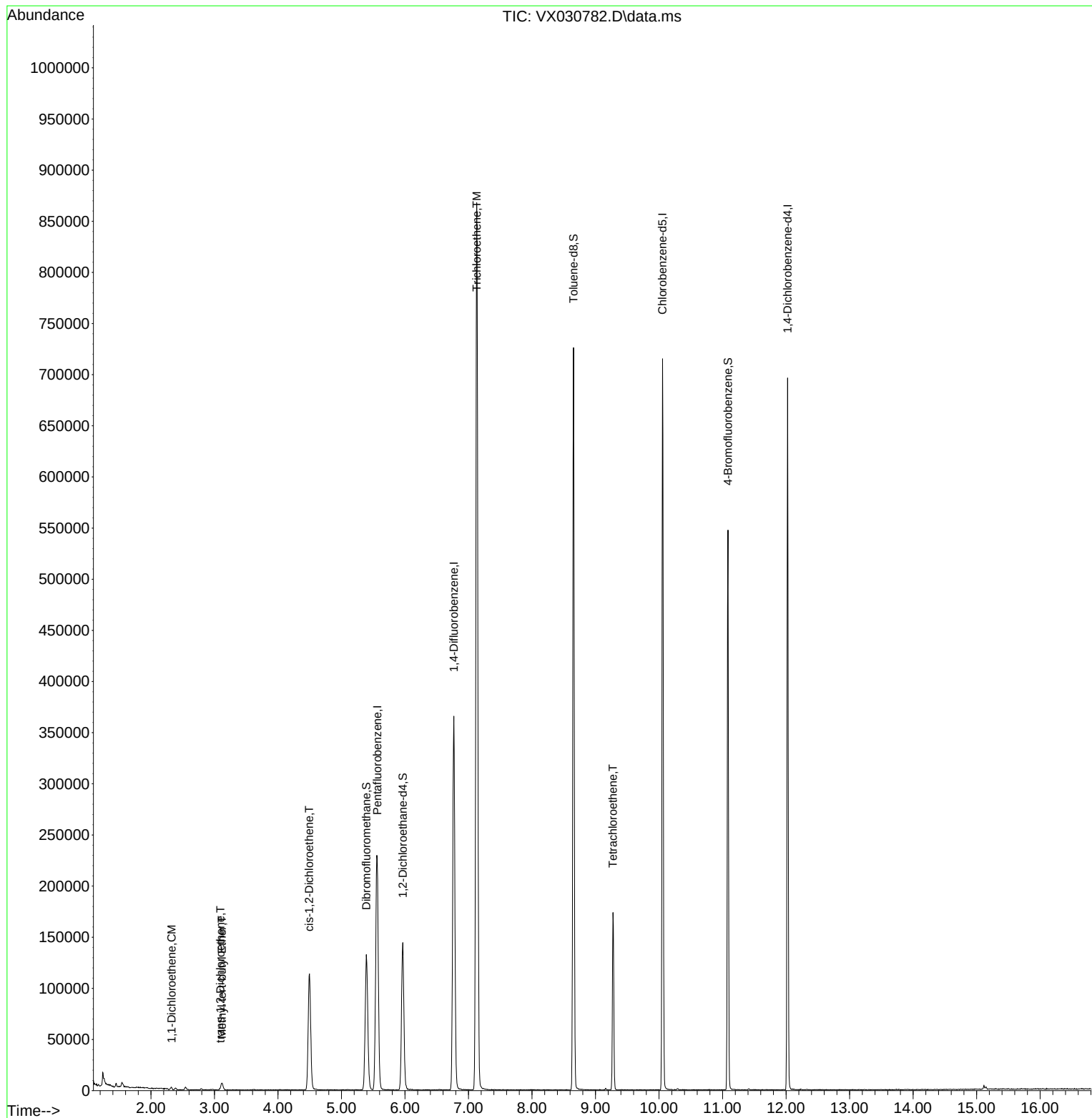
Internal Standards						
1) Pentafluorobenzene	5.562	168	224651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	384927	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	134652	50.956	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.920%	
35) Dibromofluoromethane	5.391	113	117734	49.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.540%	
50) Toluene-d8	8.653	98	437159	53.030	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.060%	
62) 4-Bromofluorobenzene	11.085	95	148352	48.337	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.680%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	800	0.393	ug/l	86
19) Methyl tert-butyl Ether	3.117	73	6949	0.985	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	741	0.339	ug/l #	78
27) cis-1,2-Dichloroethene	4.489	96	77199	28.566	ug/l	91
44) Trichloroethene	7.129	130	346711	124.515	ug/l	99
64) Tetrachloroethene	9.275	164	33987	12.936	ug/l	98

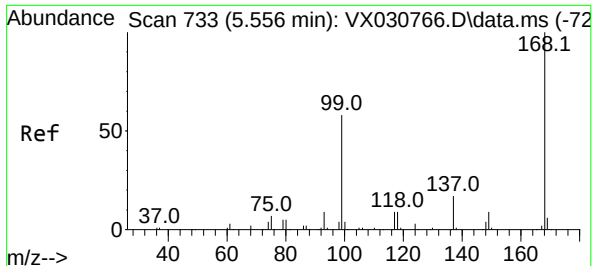
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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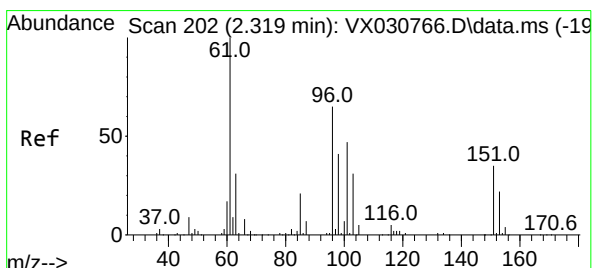
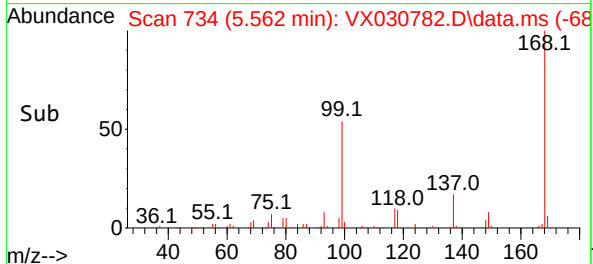
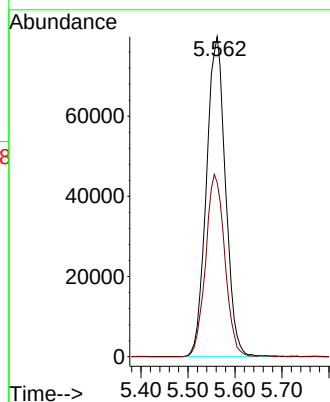
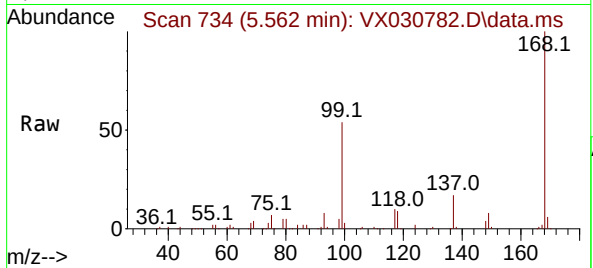




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030782.D
Acq: 25 Aug 2022 19:33

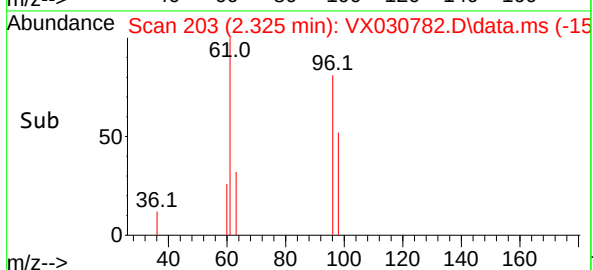
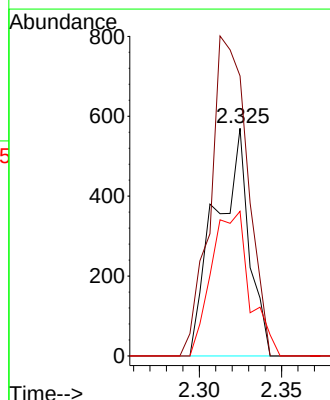
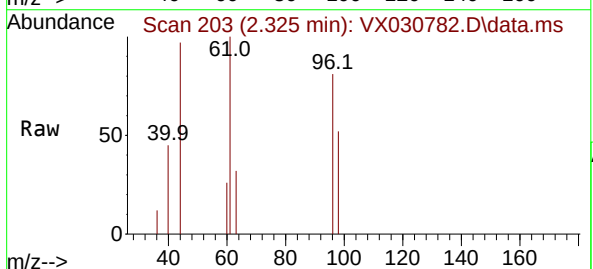
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20220816

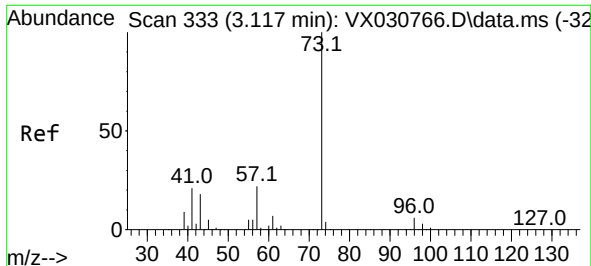
Tgt Ion:168 Resp: 224651
Ion Ratio Lower Upper
168 100
99 54.4 44.0 66.0



#12
1,1-Dichloroethene
Concen: 0.393 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX030782.D
Acq: 25 Aug 2022 19:33

Tgt Ion: 96 Resp: 800
Ion Ratio Lower Upper
96 100
61 123.0 117.4 176.0
98 63.5 52.2 78.4





#19

Methyl tert-butyl Ether

Concen: 0.985 ug/l

RT: 3.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX030782.D

Acq: 25 Aug 2022 19:33

Instrument :

MSVOA_X

ClientSampleId :

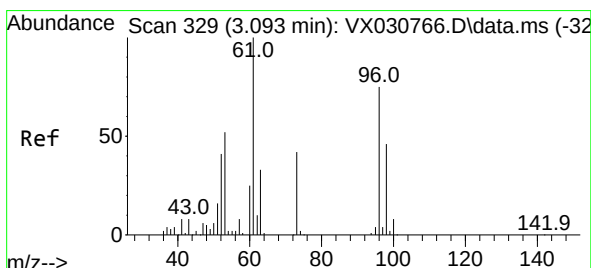
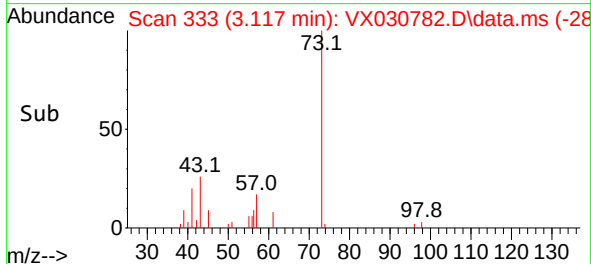
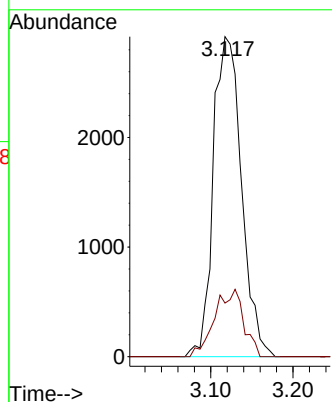
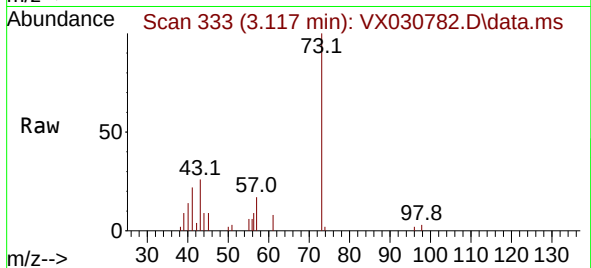
MW179D-20220816

Tgt Ion: 73 Resp: 6949

Ion Ratio Lower Upper

73 100

57 16.8 19.0 28.6#



#21

trans-1,2-Dichloroethene

Concen: 0.339 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX030782.D

Acq: 25 Aug 2022 19:33

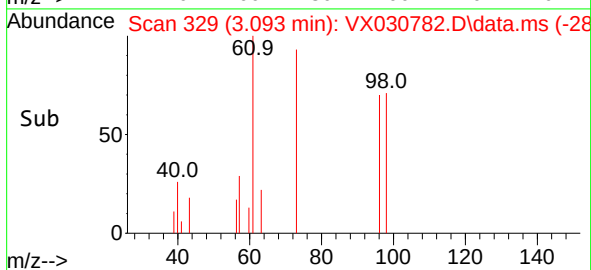
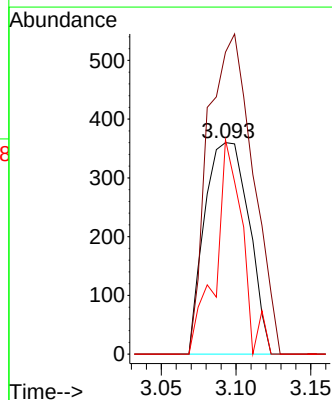
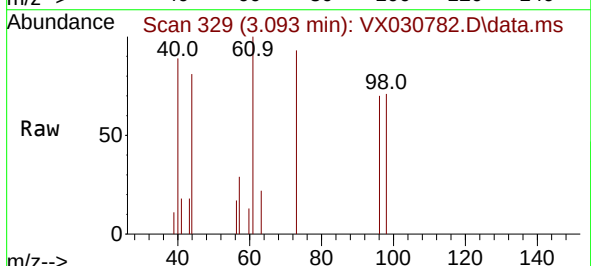
Tgt Ion: 96 Resp: 741

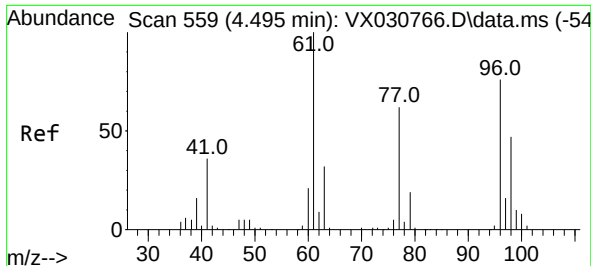
Ion Ratio Lower Upper

96 100

61 142.8 105.6 158.4

98 101.4 50.1 75.1#

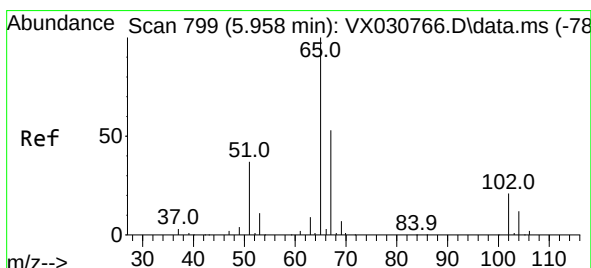
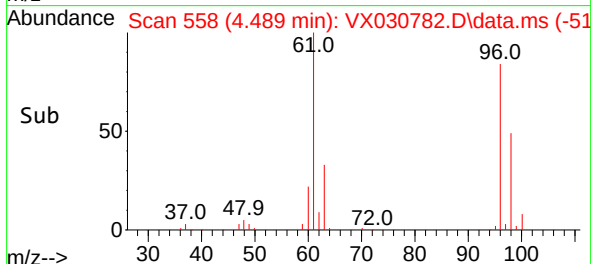
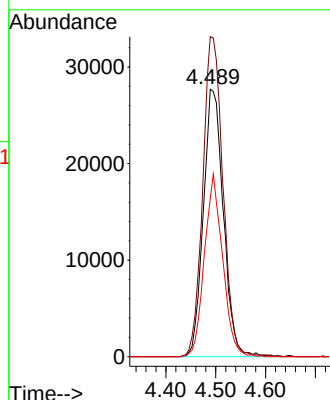
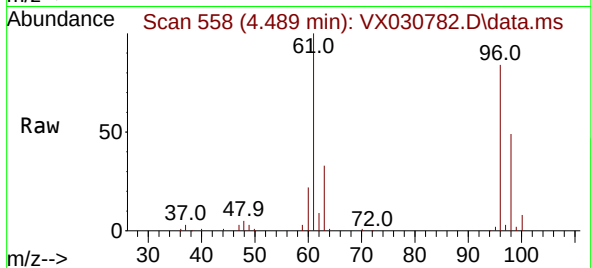




#27
 cis-1,2-Dichloroethene
 Concen: 28.566 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX030782.D
 Acq: 25 Aug 2022 19:33

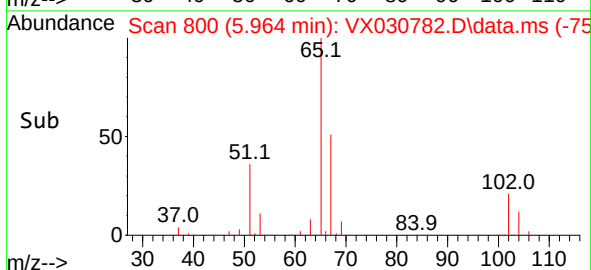
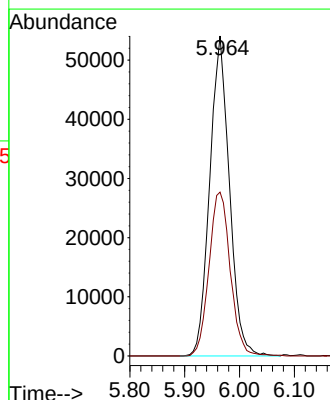
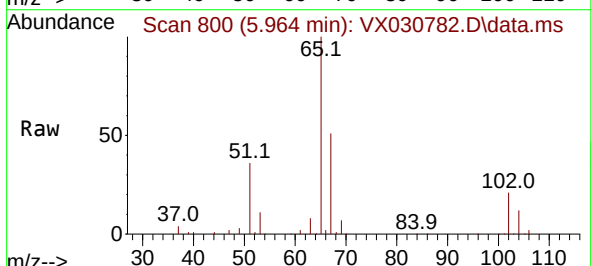
Instrument :
 MSVOA_X
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 MW179D-20220816

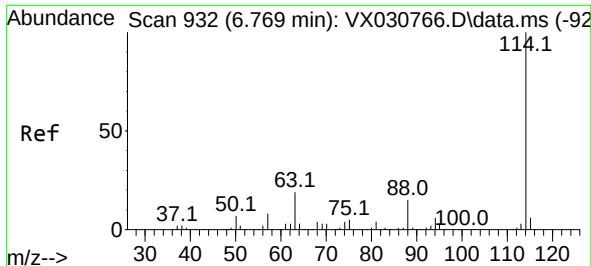
Tgt Ion: 96 Resp: 77199
 Ion Ratio Lower Upper
 96 100
 61 120.6 0.0 270.0
 98 62.3 0.0 127.8



#33
 1,2-Dichloroethane-d4
 Concen: 50.956 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX030782.D
 Acq: 25 Aug 2022 19:33

Tgt Ion: 65 Resp: 134652
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 109.6

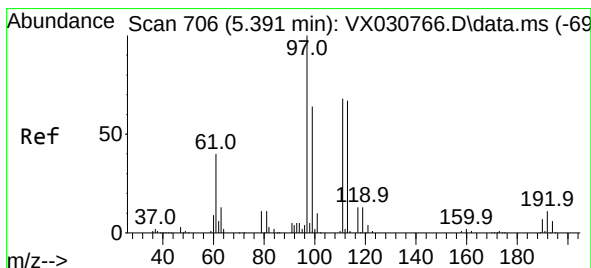
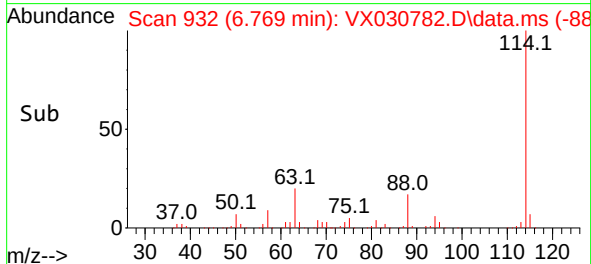
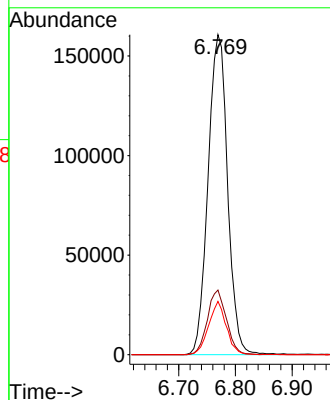
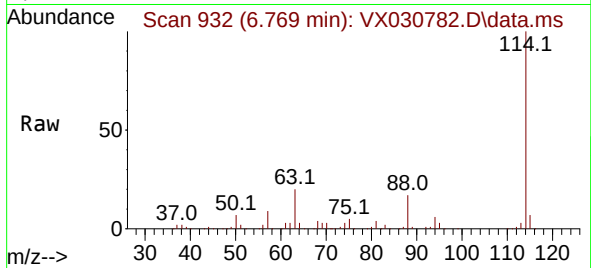




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX030782.D
Acq: 25 Aug 2022 19:33

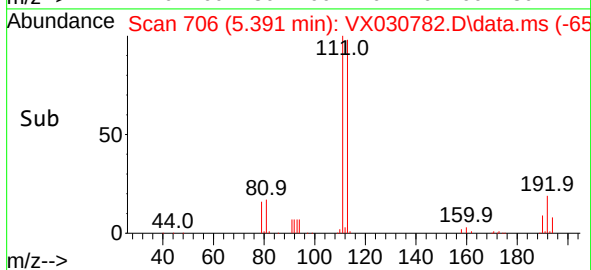
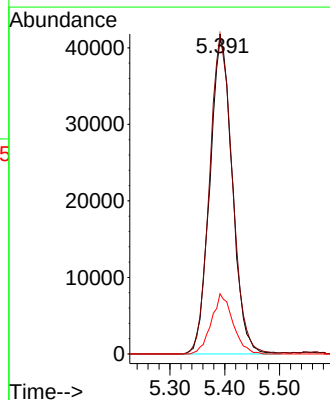
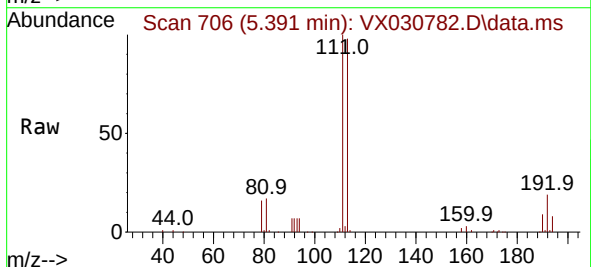
Instrument :
MSVOA_X
ClientSampleId :
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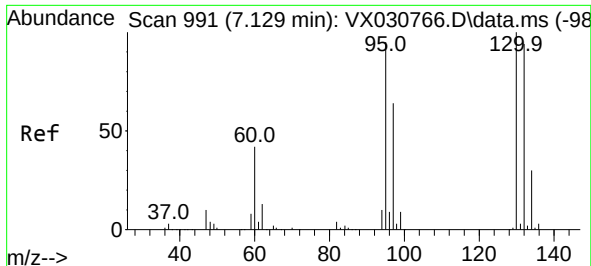
Tgt Ion:114 Resp: 384927
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.4
88 16.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.767 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030782.D
Acq: 25 Aug 2022 19:33

Tgt Ion:113 Resp: 117734
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 18.2 14.8 22.2

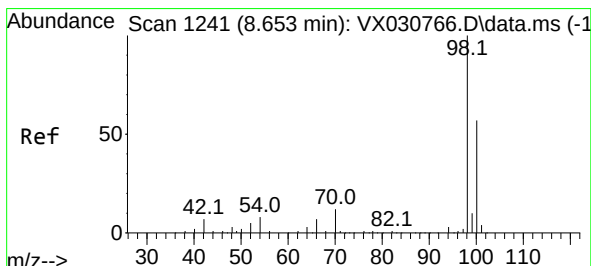
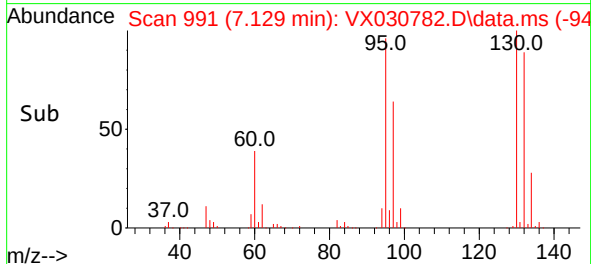
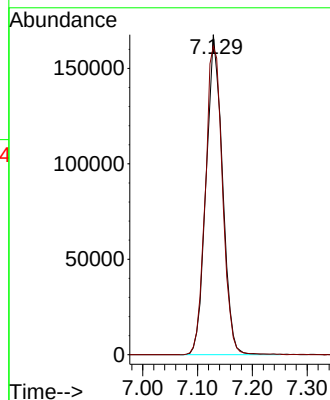
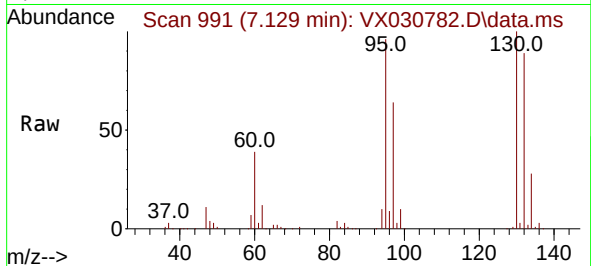




#44
Trichloroethene
Concen: 124.515 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030782.D
Acq: 25 Aug 2022 19:33

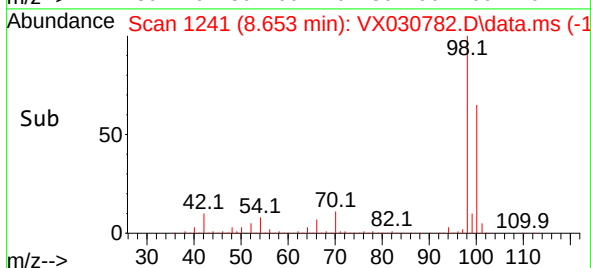
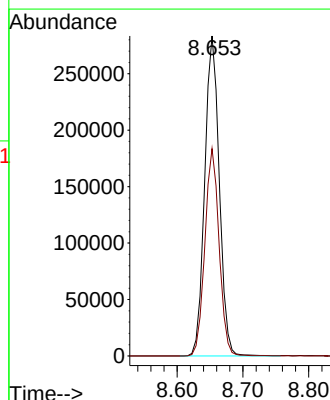
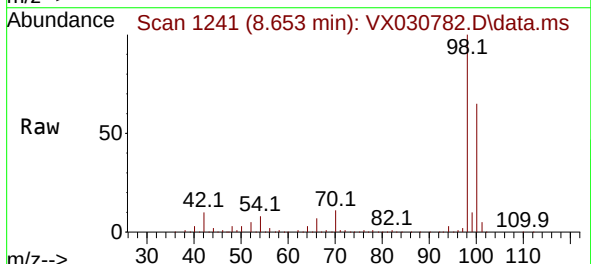
Instrument :
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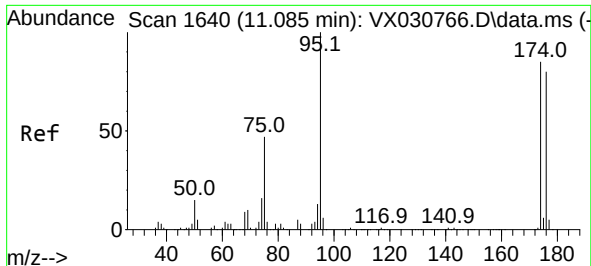
Tgt Ion:130 Resp: 346711
Ion Ratio Lower Upper
130 100
95 96.3 0.0 194.8



#50
Toluene-d8
Concen: 53.030 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030782.D
Acq: 25 Aug 2022 19:33

Tgt Ion: 98 Resp: 437159
Ion Ratio Lower Upper
98 100
100 63.2 52.3 78.5

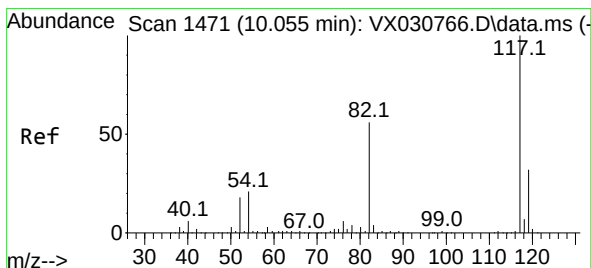
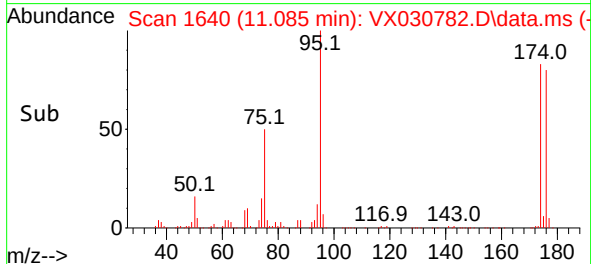
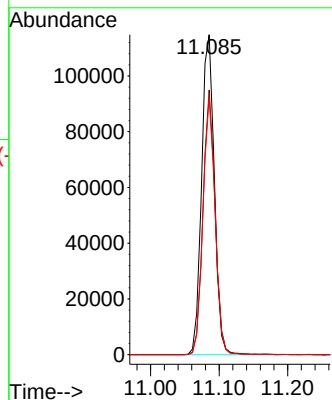
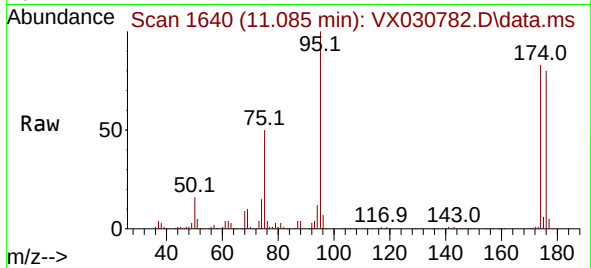




#62
4-Bromofluorobenzene
Concen: 48.337 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030782.D
Acq: 25 Aug 2022 19:33

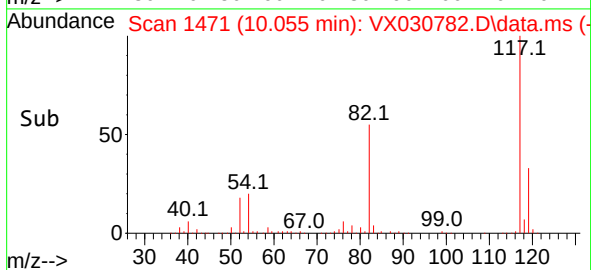
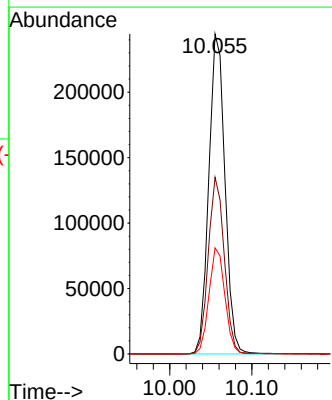
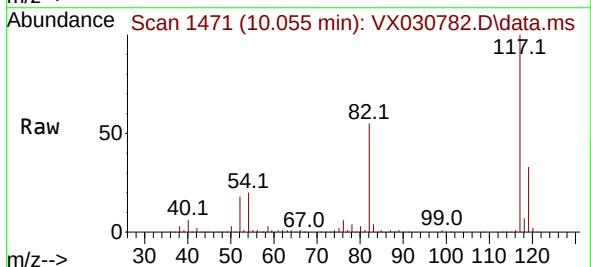
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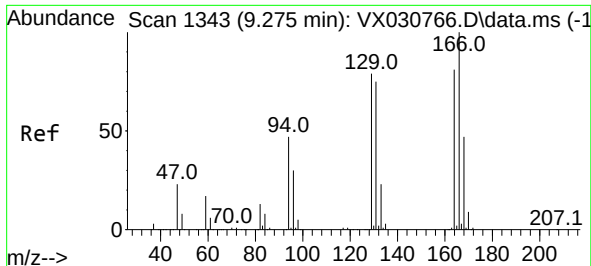
Tgt Ion: 95 Resp: 148352
Ion Ratio Lower Upper
95 100
174 78.8 0.0 149.0
176 76.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030782.D
Acq: 25 Aug 2022 19:33

Tgt Ion: 117 Resp: 333539
Ion Ratio Lower Upper
117 100
82 55.2 42.7 64.1
119 33.2 25.4 38.2

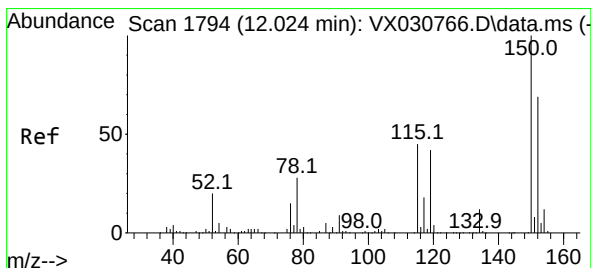
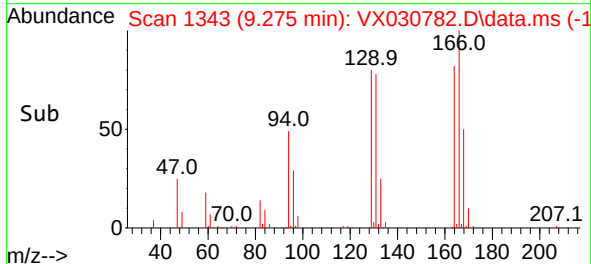
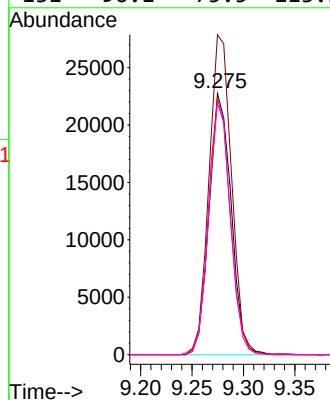
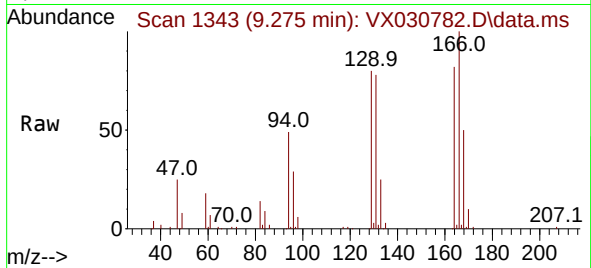




#64
Tetrachloroethene
Concen: 12.936 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030782.D
Acq: 25 Aug 2022 19:33

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20220816

Tgt Ion:164	Resp:	33987
Ion	Ratio	Lower Upper
164	100	
166	122.5	98.2 147.4
129	98.1	80.8 121.2
131	96.1	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030782.D
Acq: 25 Aug 2022 19:33

Tgt Ion:152	Resp:	143919
Ion	Ratio	Lower Upper
152	100	
115	60.0	40.5 121.5
150	155.5	0.0 347.0

