

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037113.D
 Acq On : 19 Aug 2023 06:47
 Operator : JC/MD
 Sample : 04025-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20230814

Quant Time: Aug 21 04:42:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

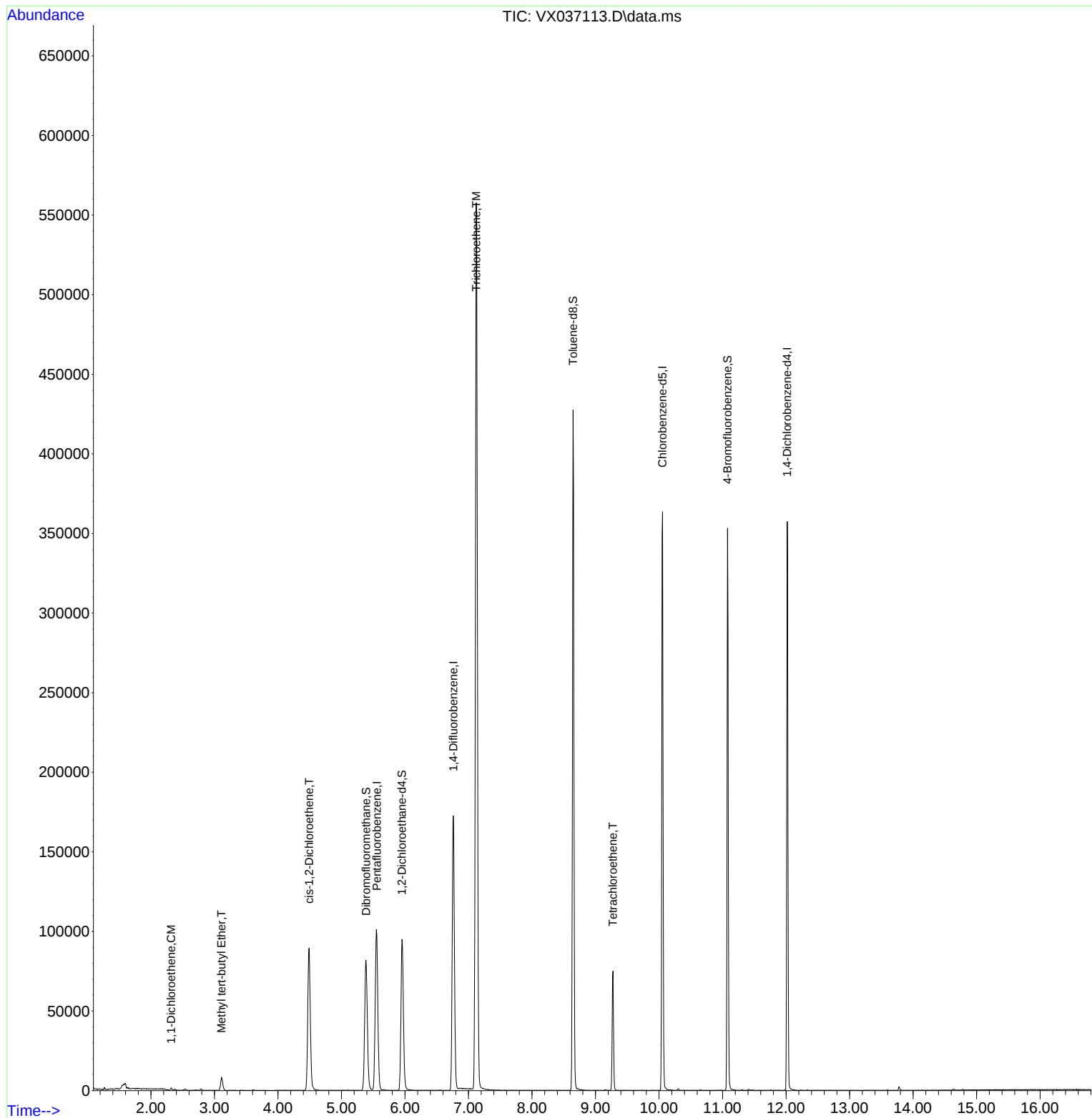
Internal Standards						
1) Pentafluorobenzene	5.556	168	93435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96616	71.725	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 143.460%#	
35) Dibromofluoromethane	5.385	113	72217	59.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.800%	
50) Toluene-d8	8.647	98	253217	57.420	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 114.840%#	
62) 4-Bromofluorobenzene	11.079	95	96431	55.643	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.280%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.318	96	509	0.529	ug/l	80
19) Methyl tert-butyl Ether	3.111	73	9383	2.572	ug/l #	90
27) cis-1,2-Dichloroethene	4.489	96	59506	46.165	ug/l	81
44) Trichloroethene	7.122	130	217008	154.493	ug/l	98
64) Tetrachloroethene	9.275	164	14150	11.327	ug/l	98

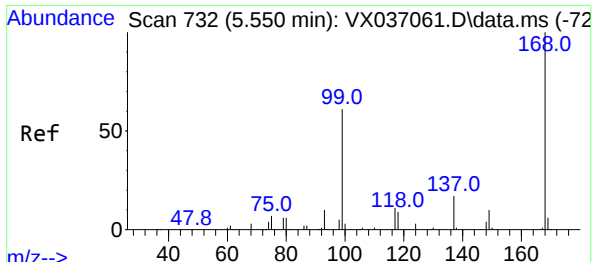
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

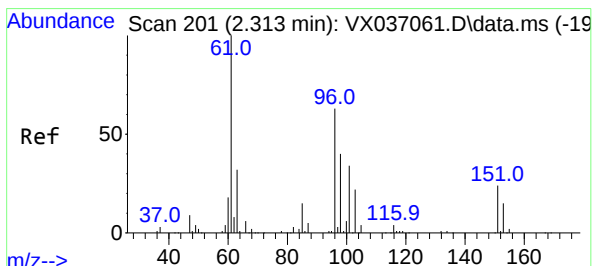
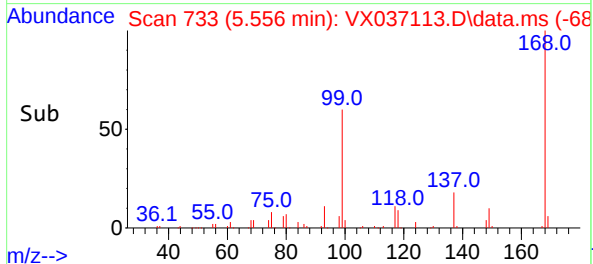
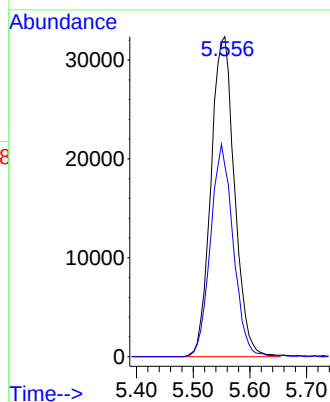
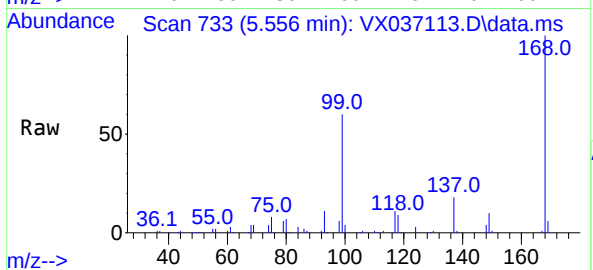




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037113.D
Acq: 19 Aug 2023 06:47

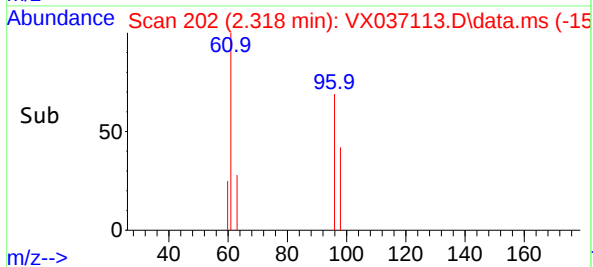
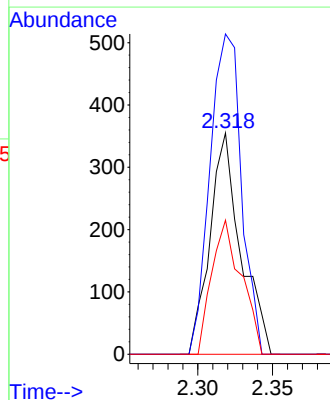
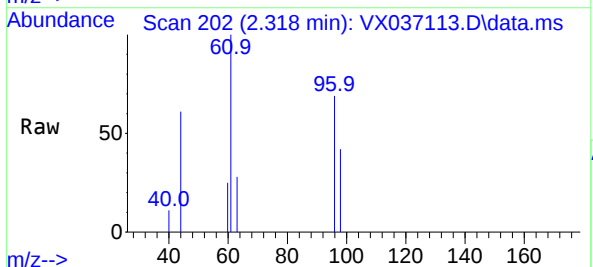
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20230814

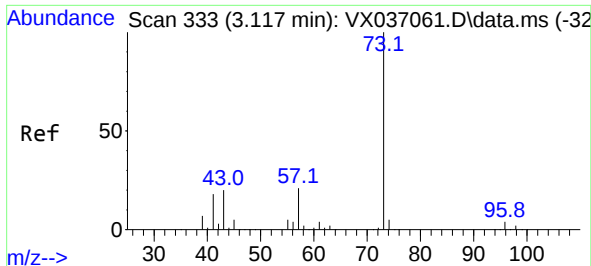
Tgt Ion:168 Resp: 93435
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.529 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037113.D
Acq: 19 Aug 2023 06:47

Tgt Ion: 96 Resp: 509
Ion Ratio Lower Upper
96 100
61 144.8 144.6 216.8
98 60.6 50.4 75.6

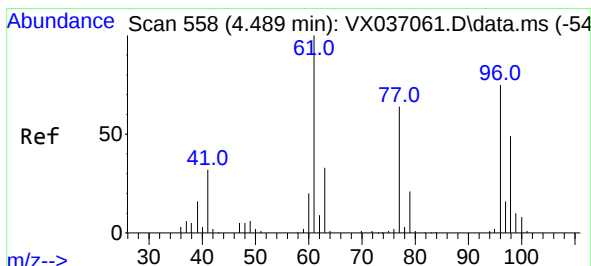
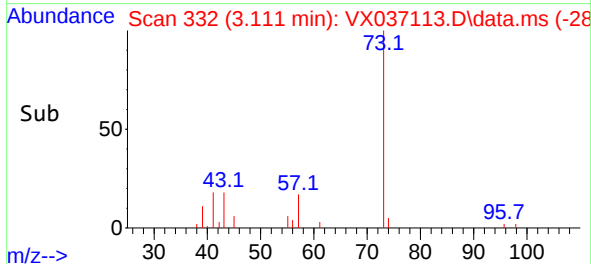
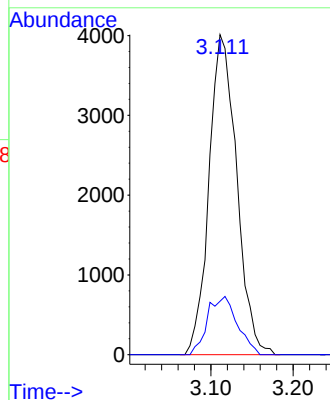
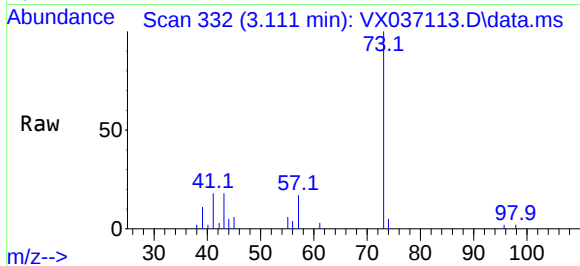




#19
Methyl tert-butyl Ether
Concen: 2.572 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037113.D
Acq: 19 Aug 2023 06:47

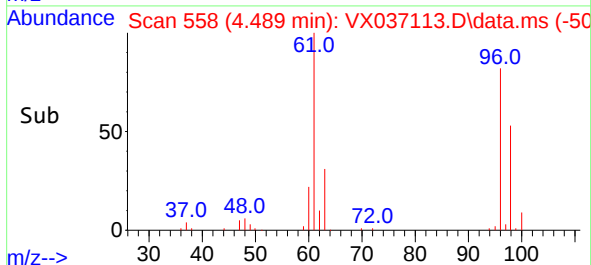
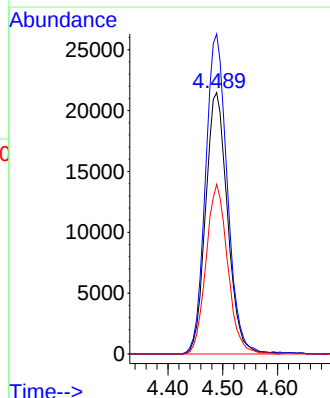
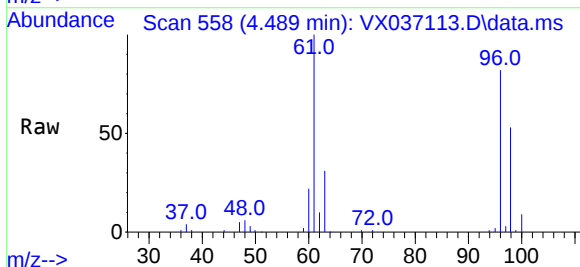
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20230814

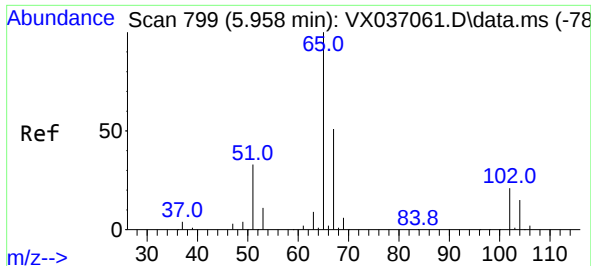
Tgt Ion: 73 Resp: 9383
Ion Ratio Lower Upper
73 100
57 16.7 17.3 25.9#



#27
cis-1,2-Dichloroethene
Concen: 46.165 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037113.D
Acq: 19 Aug 2023 06:47

Tgt Ion: 96 Resp: 59506
Ion Ratio Lower Upper
96 100
61 121.3 0.0 312.2
98 64.1 0.0 129.0

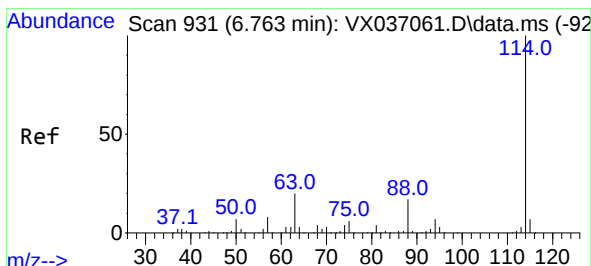
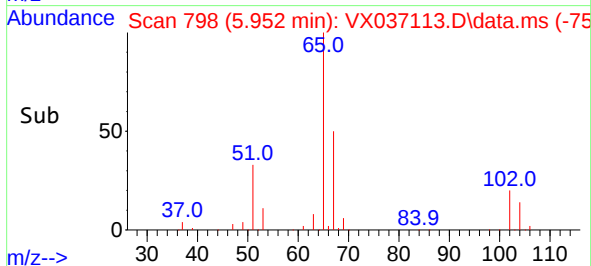
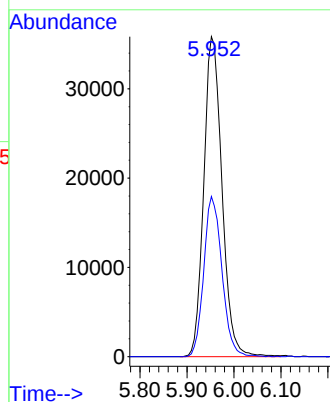
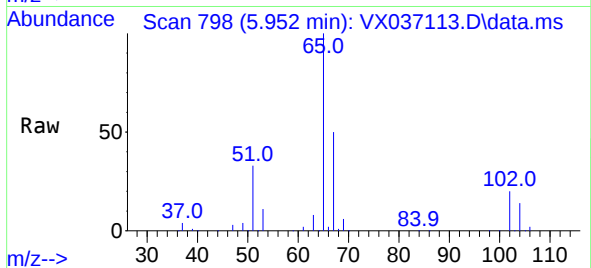




#33
1,2-Dichloroethane-d4
Concen: 71.725 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037113.D
Acq: 19 Aug 2023 06:47

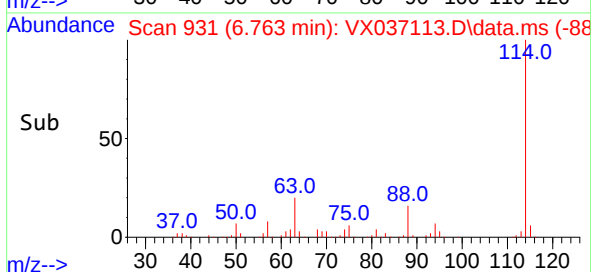
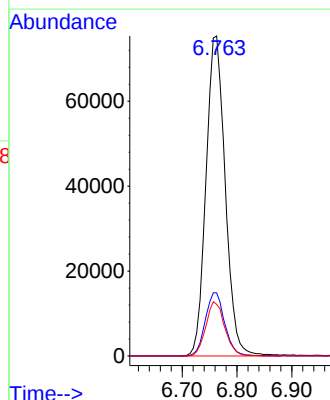
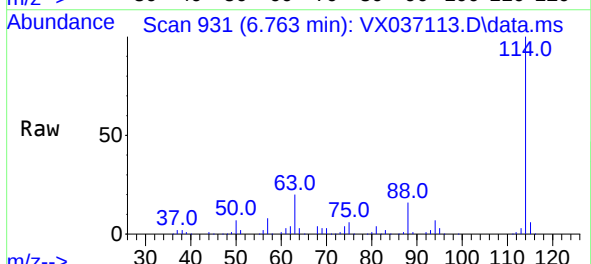
Instrument :
MSVOA_X
ClientSampleId :
MW179D-20230814

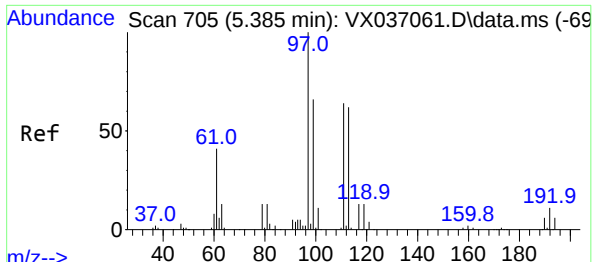
Tgt Ion: 65 Resp: 96616
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037113.D
Acq: 19 Aug 2023 06:47

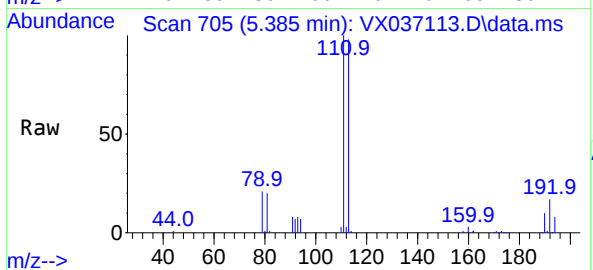
Tgt Ion: 114 Resp: 183569
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.1 0.0 36.6



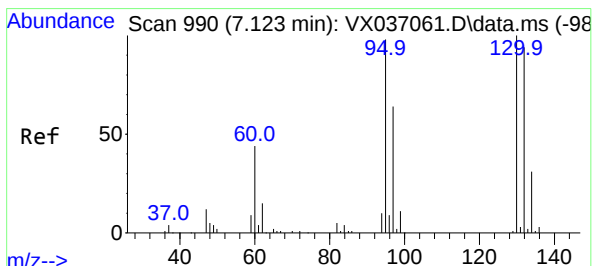
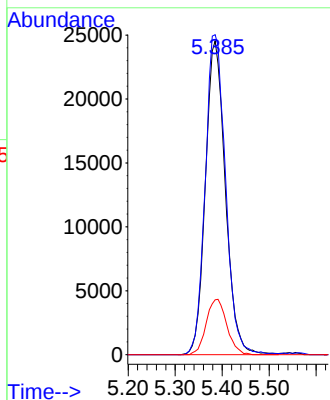
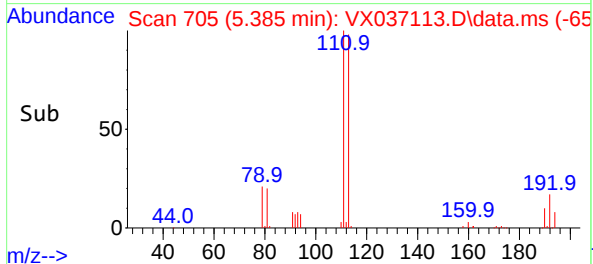


#35
Dibromofluoromethane
Concen: 59.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037113.D
Acq: 19 Aug 2023 06:47

Instrument :
MSVOA_X
ClientSampleId :
MW179D-20230814

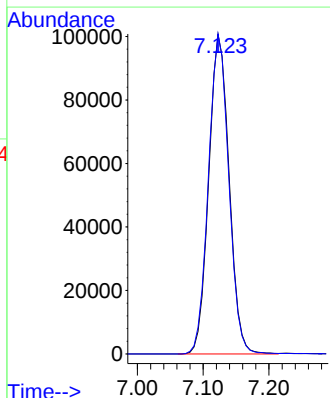
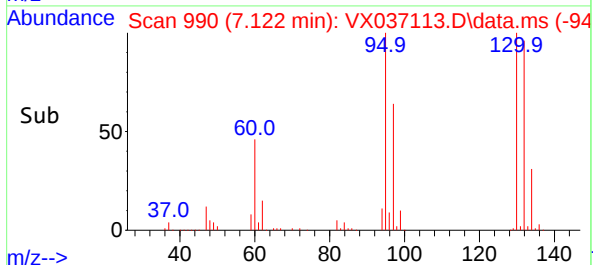
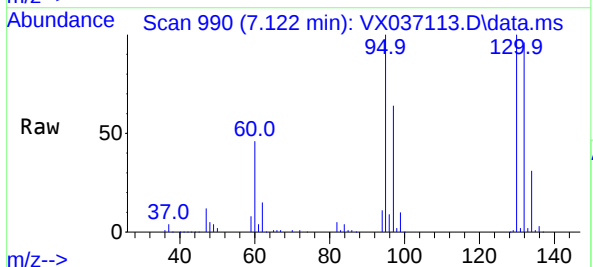


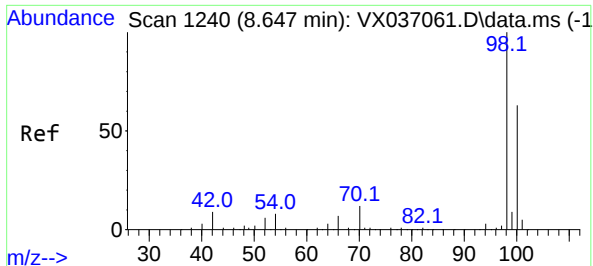
Tgt Ion:113 Resp: 72217
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.2 13.3 19.9



#44
Trichloroethene
Concen: 154.493 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037113.D
Acq: 19 Aug 2023 06:47

Tgt Ion:130 Resp: 217008
Ion Ratio Lower Upper
130 100
95 100.2 0.0 204.4





#50

Toluene-d8

Concen: 57.420 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037113.D

Acq: 19 Aug 2023 06:47

Instrument :

MSVOA_X

ClientSampleId :

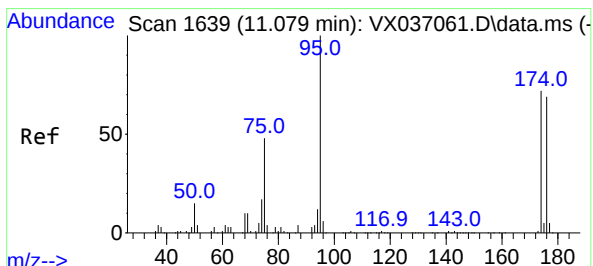
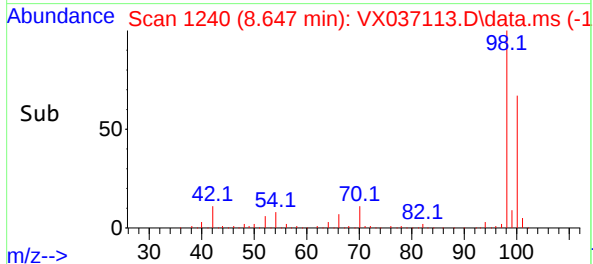
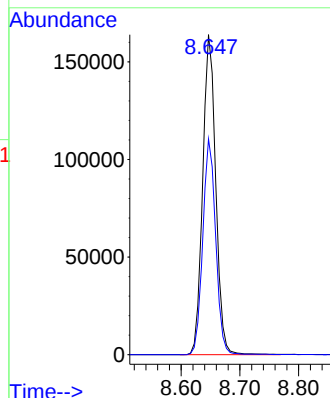
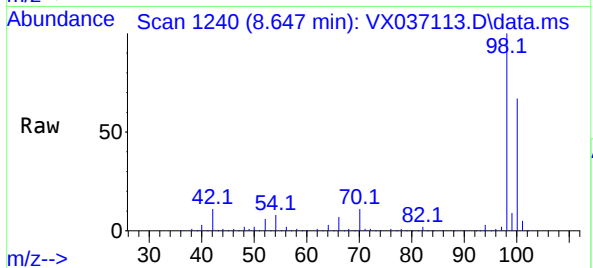
MW179D-20230814

Tgt Ion: 98 Resp: 253217

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 55.643 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037113.D

Acq: 19 Aug 2023 06:47

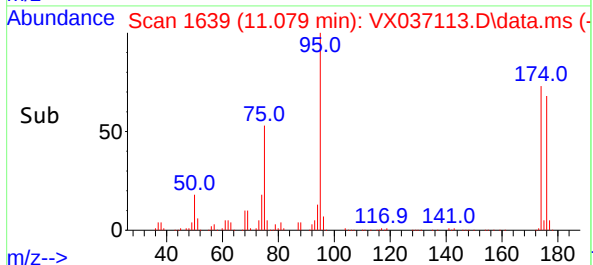
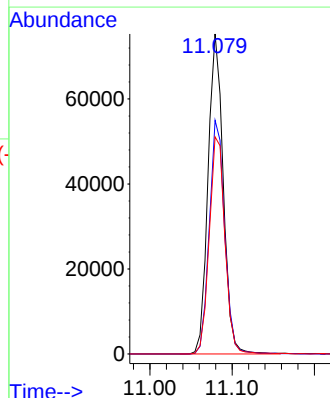
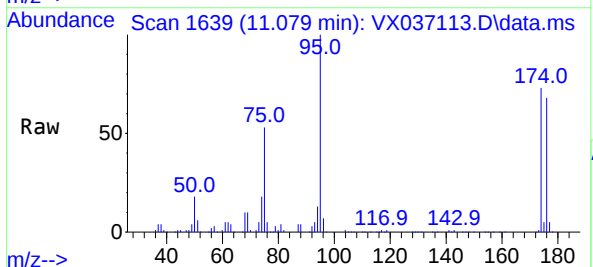
Tgt Ion: 95 Resp: 96431

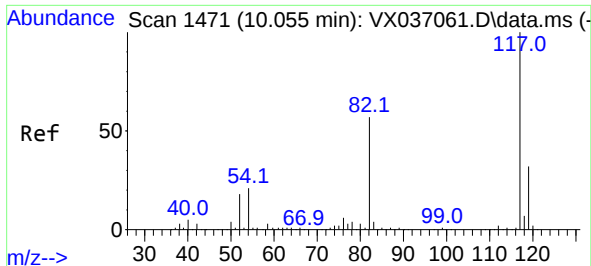
Ion Ratio Lower Upper

95 100

174 73.9 0.0 135.6

176 70.1 0.0 131.0



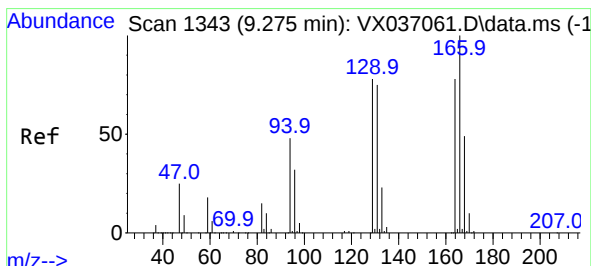
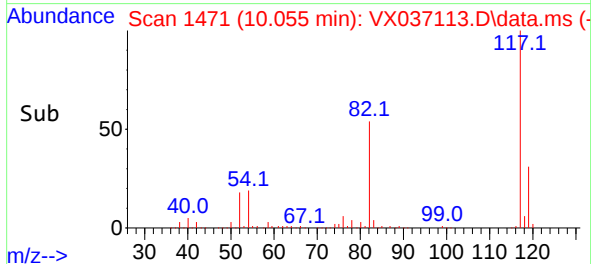
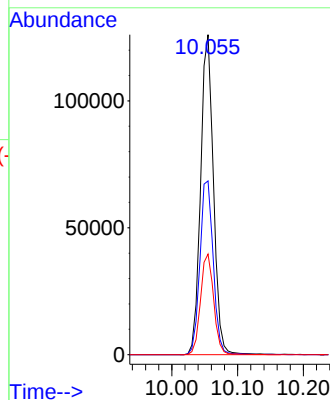
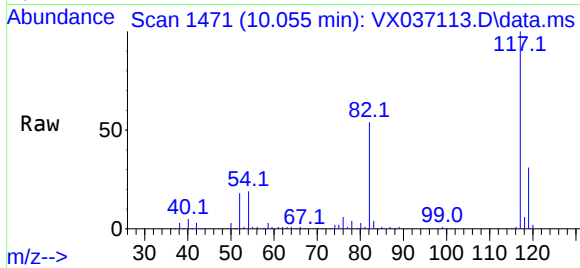


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037113.D
Acq: 19 Aug 2023 06:47

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 171238

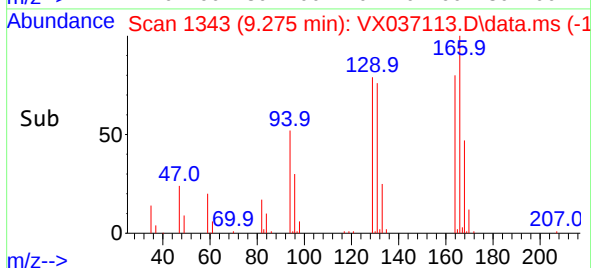
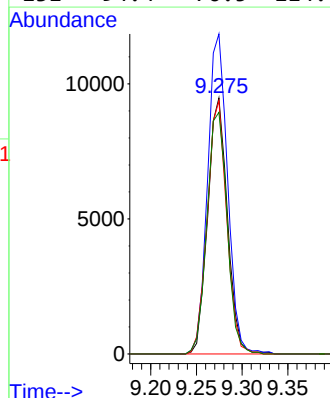
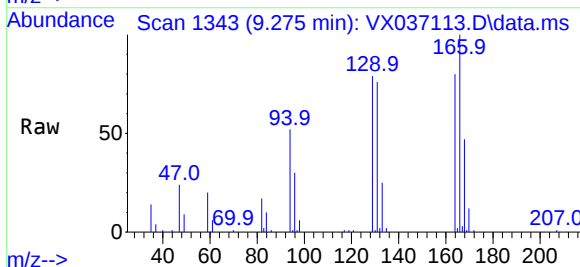
Ion	Ratio	Lower	Upper
117	100		
82	54.3	46.2	69.4
119	31.5	25.5	38.3

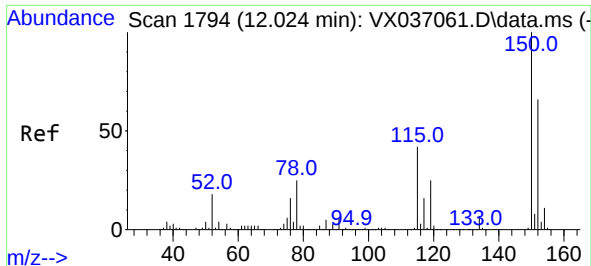


#64
Tetrachloroethene
Concen: 11.327 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037113.D
Acq: 19 Aug 2023 06:47

Tgt Ion:164 Resp: 14150

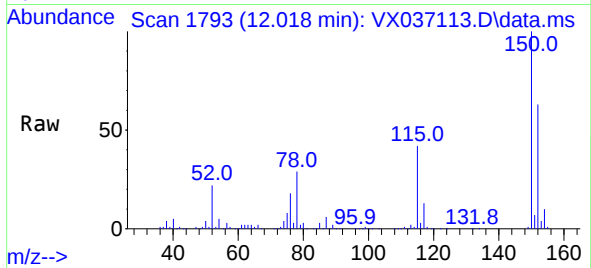
Ion	Ratio	Lower	Upper
164	100		
166	125.0	102.7	154.1
129	99.0	80.4	120.6
131	94.4	76.5	114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX037113.D
 Acq: 19 Aug 2023 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D-20230814



Tgt Ion:152 Resp: 75048
 Ion Ratio Lower Upper
 152 100
 115 62.9 43.3 129.9
 150 155.0 0.0 345.0

