

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037115.D
 Acq On : 19 Aug 2023 07:34
 Operator : JC/MD
 Sample : 04025-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20230814

Quant Time: Aug 21 01:43:53 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)

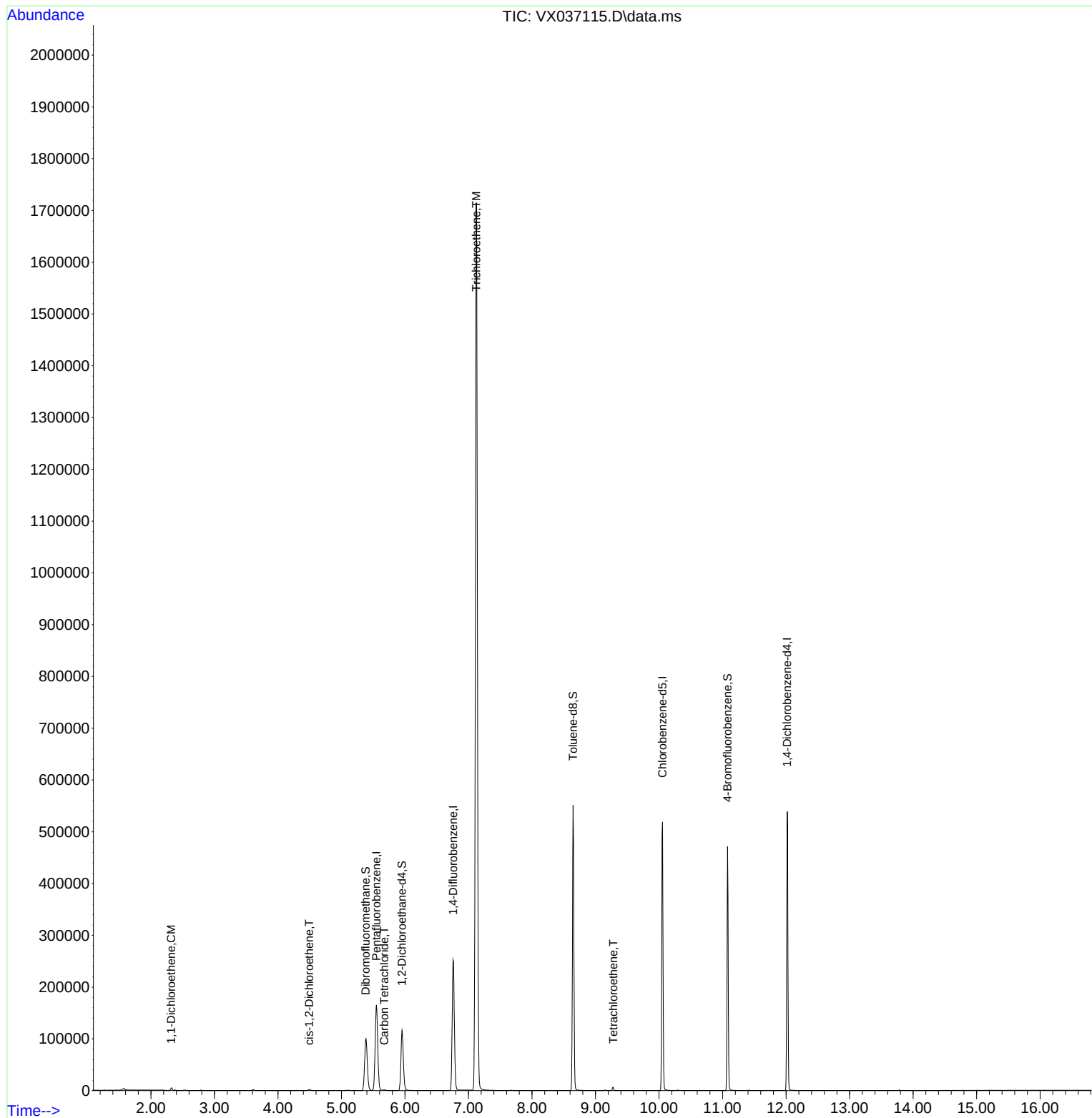
Internal Standards						
1) Pentafluorobenzene	5.550	168	151408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	264913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	112859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115779	53.041	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.080%		
35) Dibromofluoromethane	5.379	113	88155	50.246	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.500%		
50) Toluene-d8	8.647	98	326638	51.325	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.660%		
62) 4-Bromofluorobenzene	11.079	95	125127	50.031	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.060%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	1320	0.847	ug/l	88
27) cis-1,2-Dichloroethene	4.489	96	1342	0.642	ug/l	81
38) Carbon Tetrachloride	5.672	117	1197	0.442	ug/l	94
44) Trichloroethene	7.123	130	675435	333.206	ug/l	97
64) Tetrachloroethene	9.281	164	1167	0.660	ug/l #	80

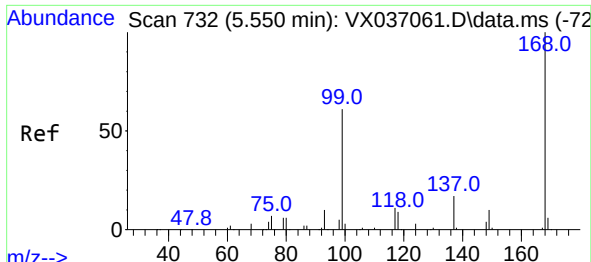
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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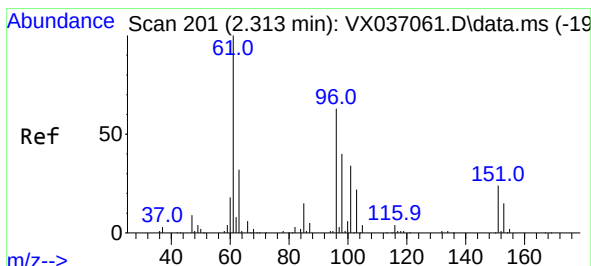
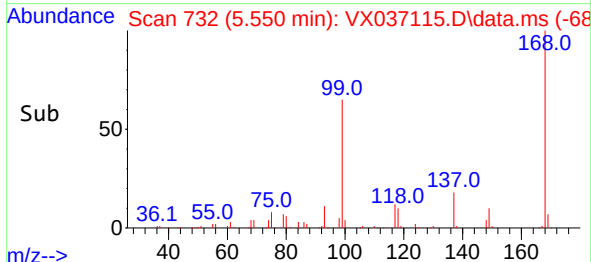
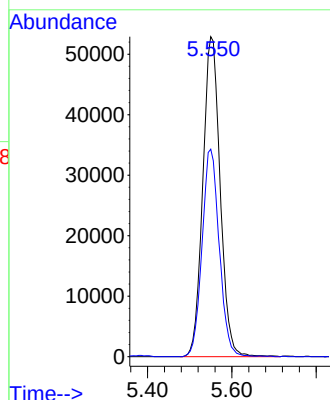
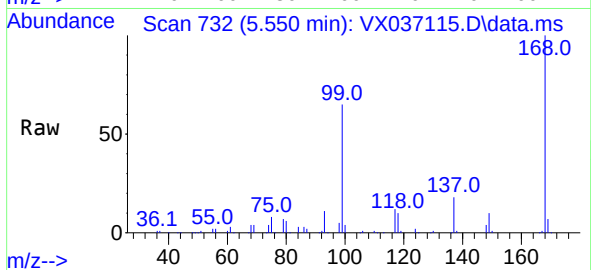




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037115.D
Acq: 19 Aug 2023 07:34

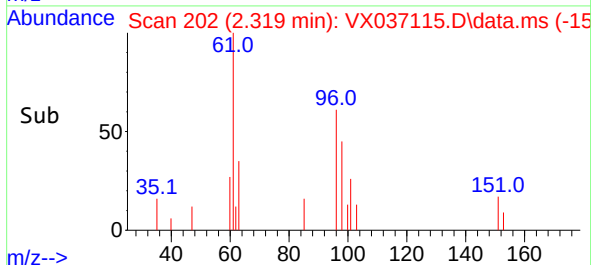
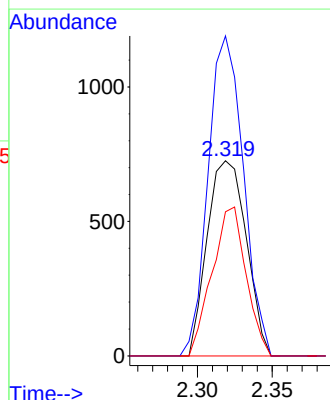
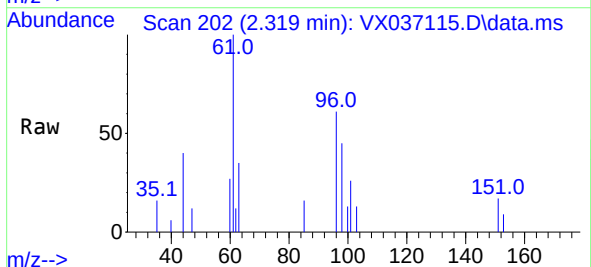
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20230814

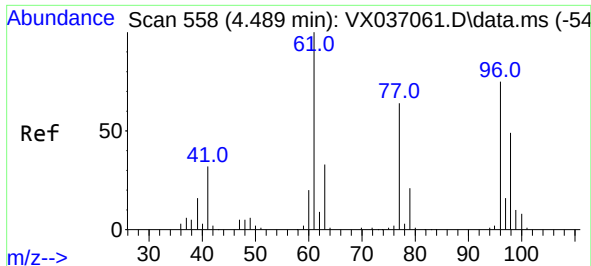
Tgt Ion:168 Resp: 151408
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.847 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037115.D
Acq: 19 Aug 2023 07:34

Tgt Ion: 96 Resp: 1320
Ion Ratio Lower Upper
96 100
61 163.9 144.6 216.8
98 73.8 50.4 75.6

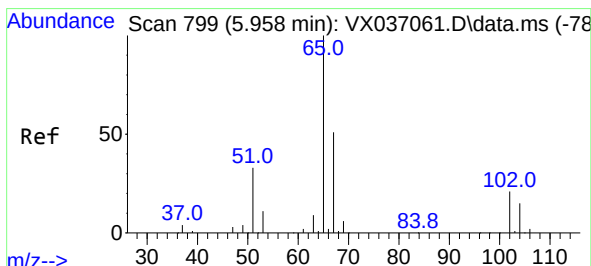
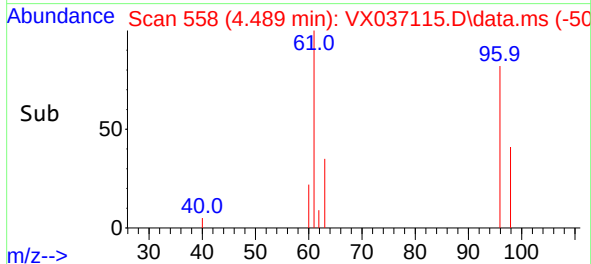
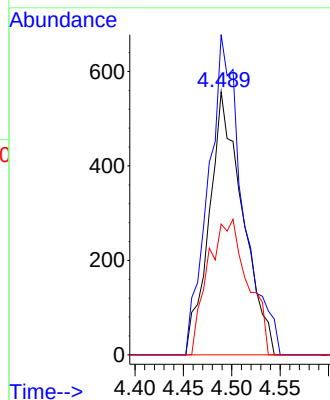
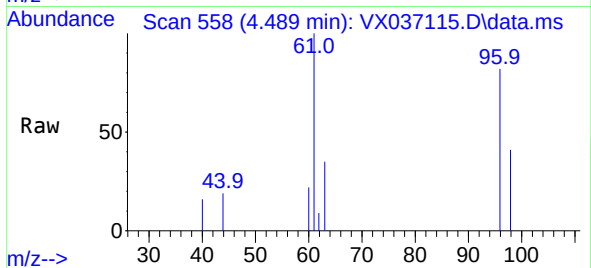




#27
 cis-1,2-Dichloroethene
 Concen: 0.642 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX037115.D
 Acq: 19 Aug 2023 07:34

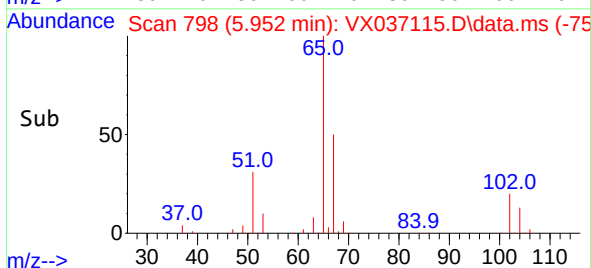
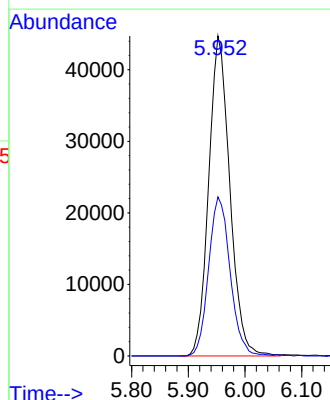
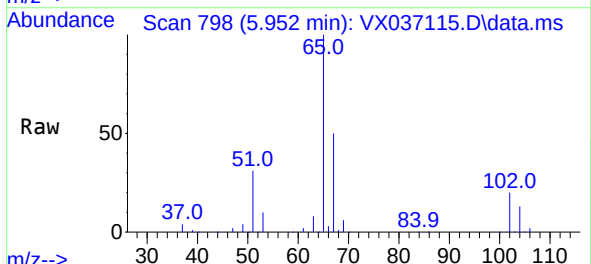
Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20230814

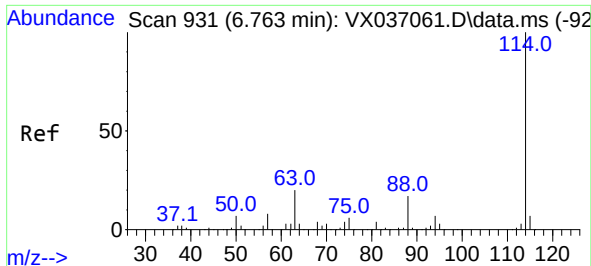
Tgt Ion: 96 Resp: 1342
 Ion Ratio Lower Upper
 96 100
 61 124.3 0.0 312.2
 98 61.0 0.0 129.0



#33
 1,2-Dichloroethane-d4
 Concen: 53.041 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX037115.D
 Acq: 19 Aug 2023 07:34

Tgt Ion: 65 Resp: 115779
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 100.2

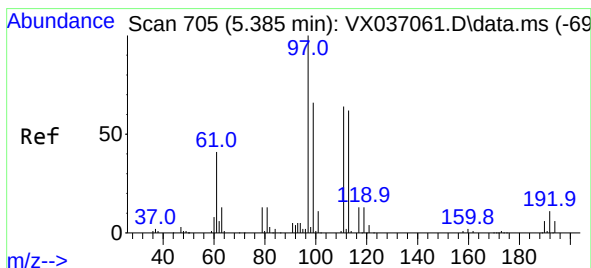
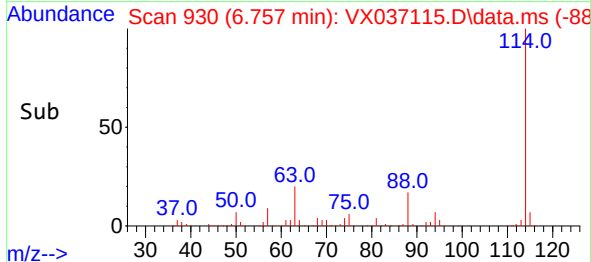
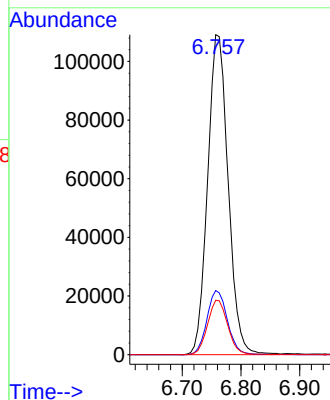
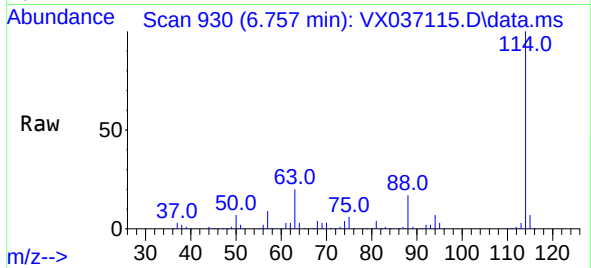




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037115.D
Acq: 19 Aug 2023 07:34

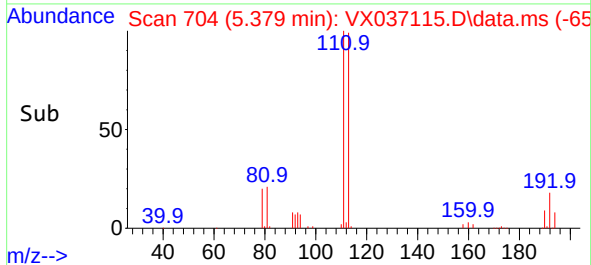
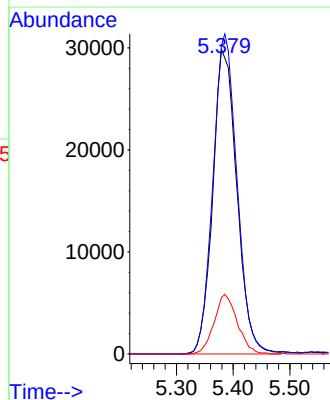
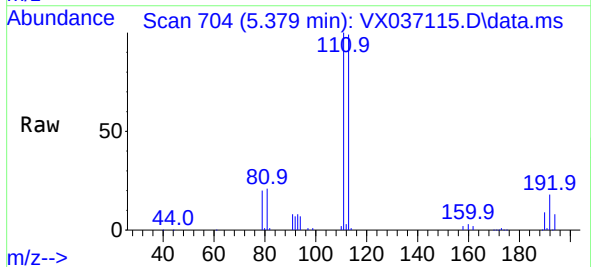
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20230814

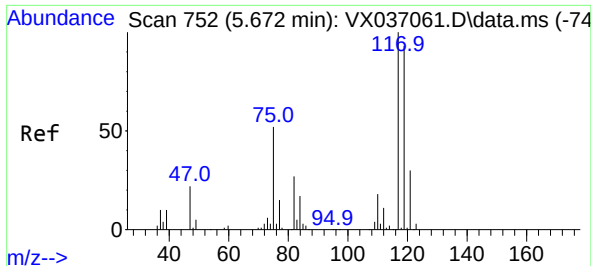
Tgt Ion:114 Resp: 264913
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.246 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037115.D
Acq: 19 Aug 2023 07:34

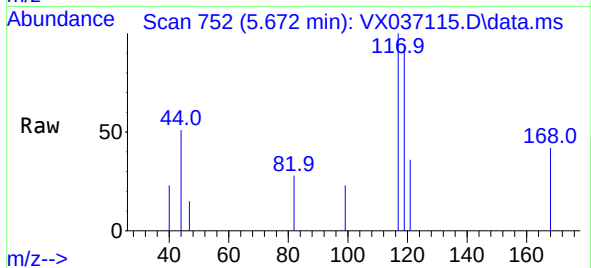
Tgt Ion:113 Resp: 88155
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 18.8 13.3 19.9



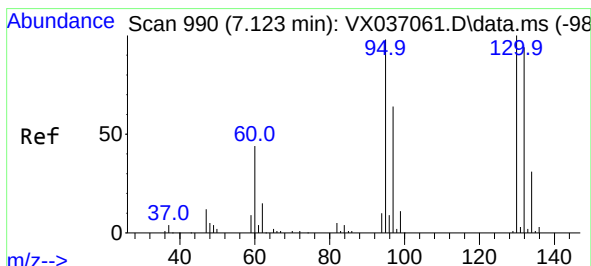
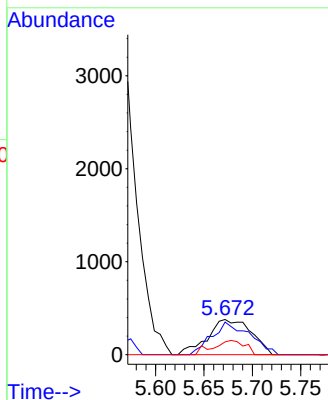
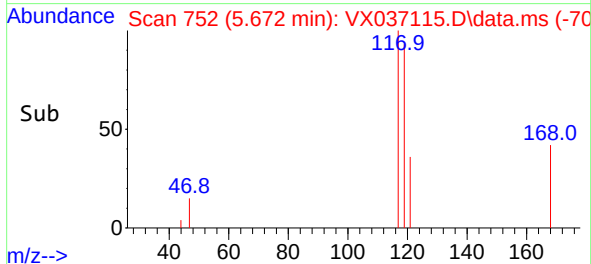


#38
Carbon Tetrachloride
Concen: 0.442 ug/l
RT: 5.672 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX037115.D
Acq: 19 Aug 2023 07:34

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20230814

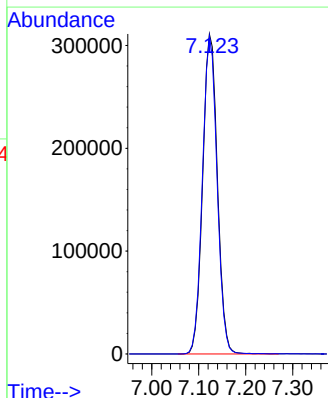
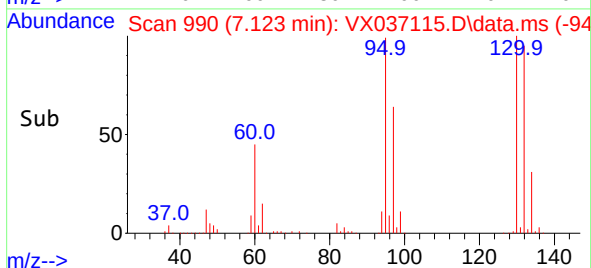
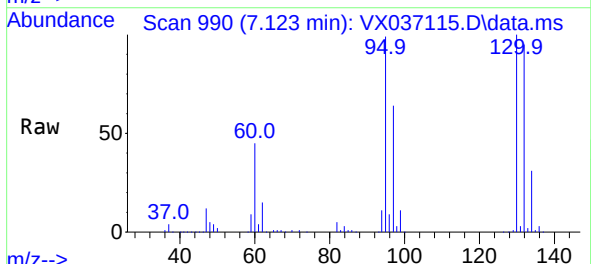


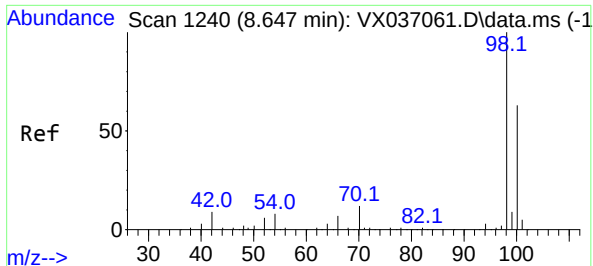
Tgt Ion:117 Resp: 1197
Ion Ratio Lower Upper
117 100
119 92.9 78.2 117.2
121 36.4 24.4 36.6



#44
Trichloroethene
Concen: 333.206 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037115.D
Acq: 19 Aug 2023 07:34

Tgt Ion:130 Resp: 675435
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.4

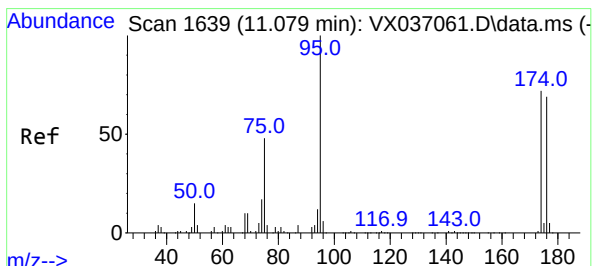
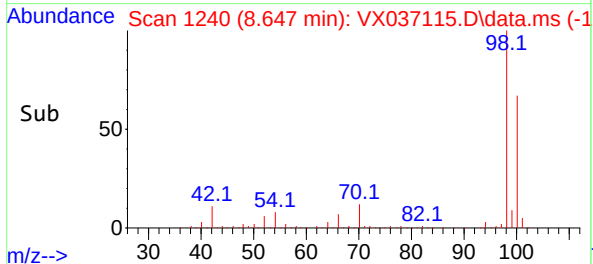
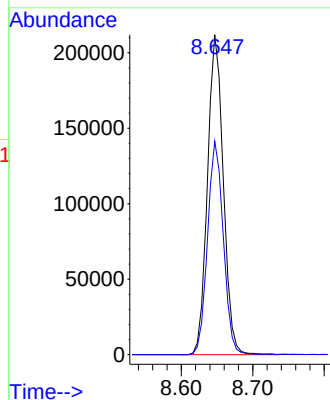
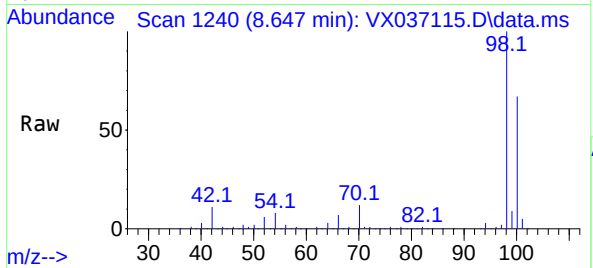




#50
Toluene-d8
Concen: 51.325 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037115.D
Acq: 19 Aug 2023 07:34

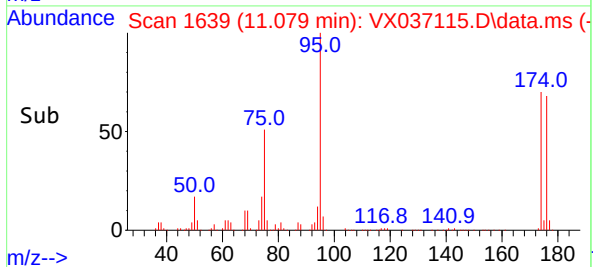
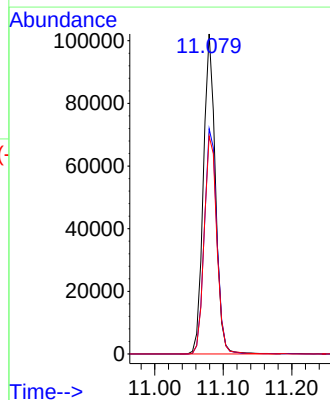
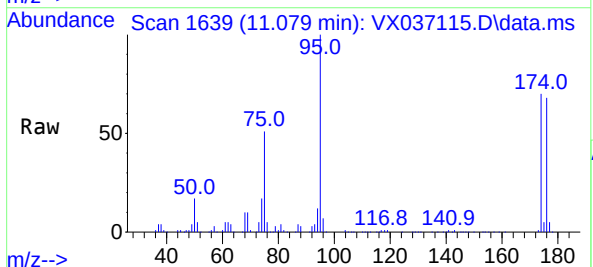
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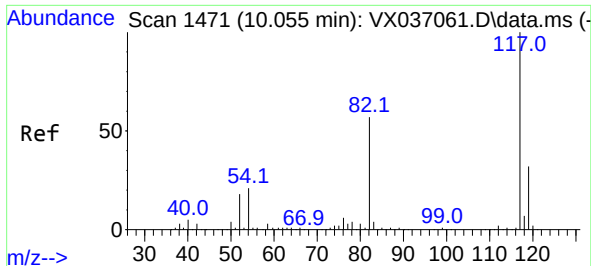
Tgt Ion: 98 Resp: 326638
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037115.D
Acq: 19 Aug 2023 07:34

Tgt Ion: 95 Resp: 125127
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.5 0.0 131.0

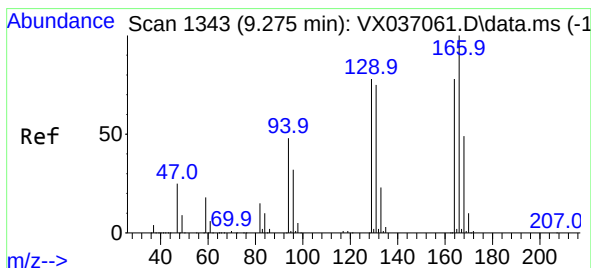
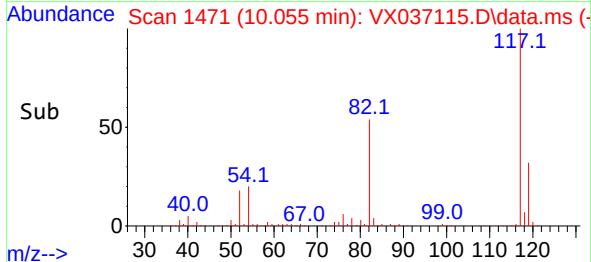
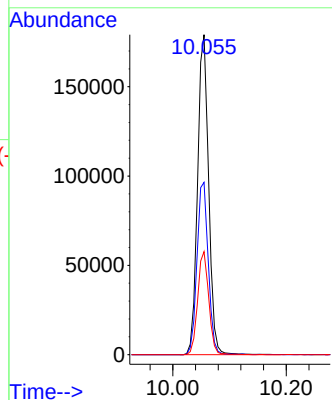
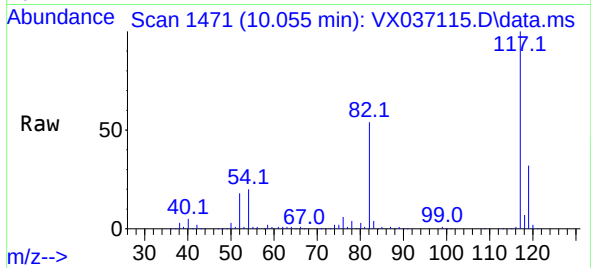




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037115.D
Acq: 19 Aug 2023 07:34

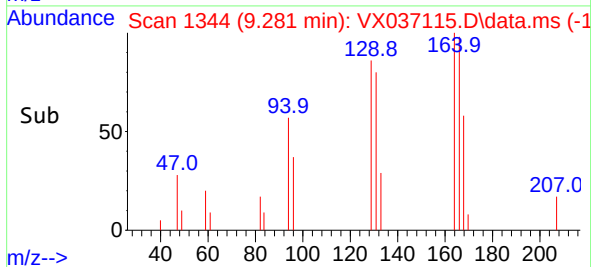
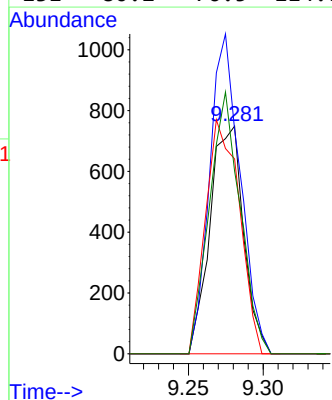
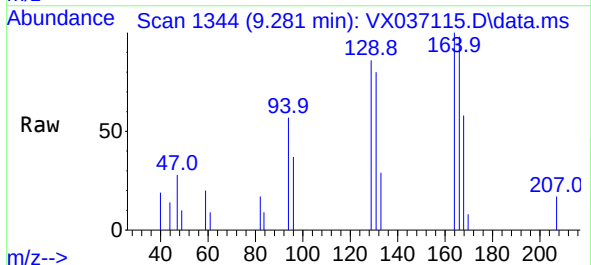
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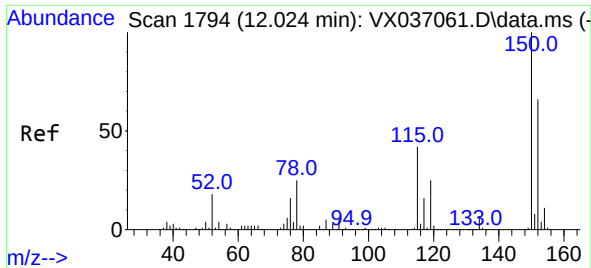
Tgt Ion:117 Resp: 242477
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 0.660 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX037115.D
Acq: 19 Aug 2023 07:34

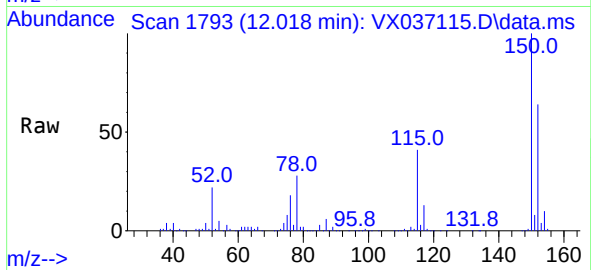
Tgt Ion:164 Resp: 1167
Ion Ratio Lower Upper
164 100
166 98.4 102.7 154.1#
129 85.6 80.4 120.6
131 80.2 76.5 114.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037115.D
Acq: 19 Aug 2023 07:34

Instrument :
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Tgt Ion:152 Resp: 112859
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 157.1 0.0 345.0

