

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037023.D
 Acq On : 16 Aug 2023 17:24
 Operator : JC/MD
 Sample : 04024-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW178I-20230815

Quant Time: Aug 17 04:17:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

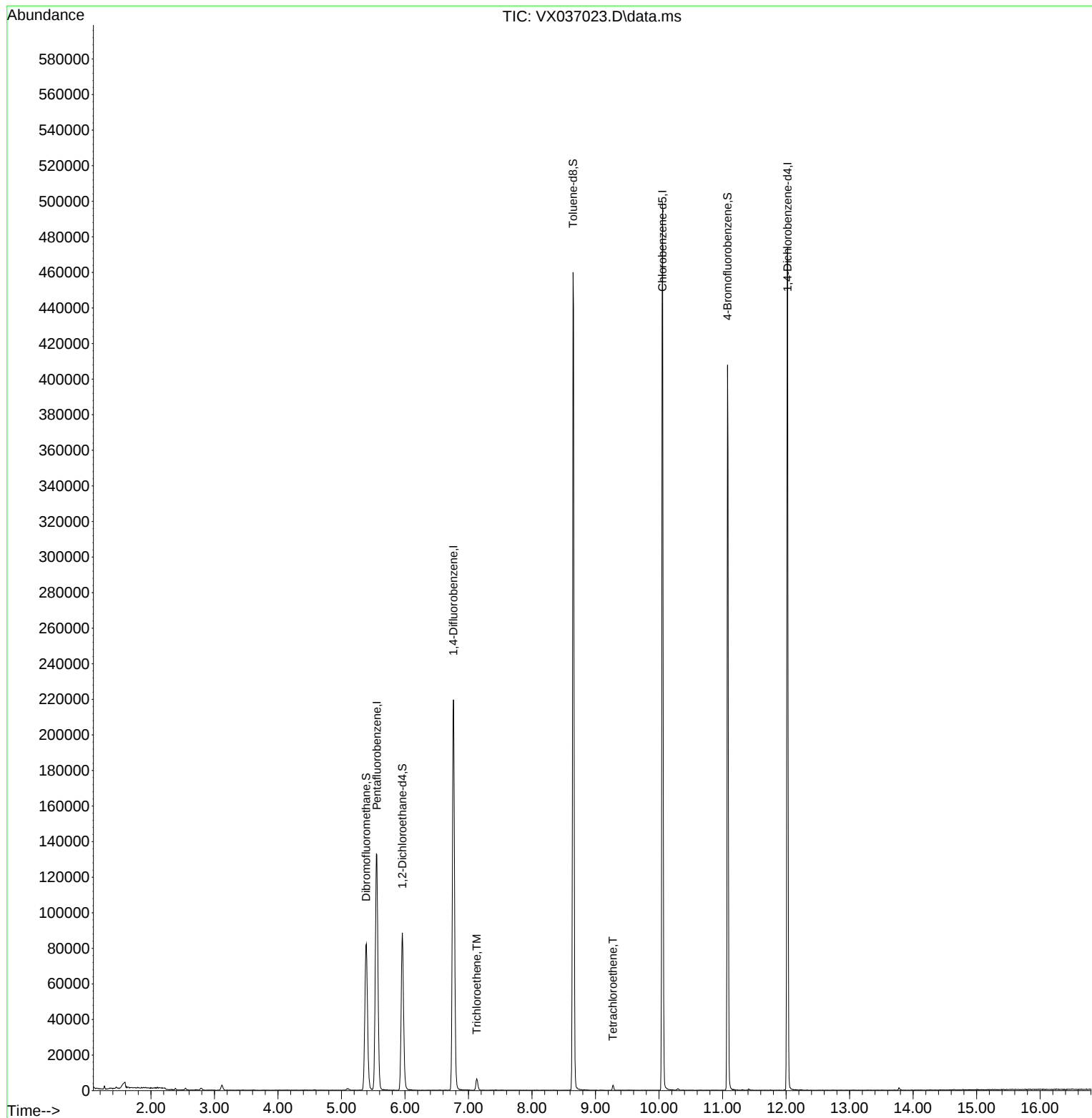
Internal Standards						
1) Pentafluorobenzene	5.556	168	122488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86938	47.969	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.940%
35) Dibromofluoromethane	5.385	113	72462	46.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	8.647	98	276637	49.820	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.640%
62) 4-Bromofluorobenzene	11.079	95	110845	52.911	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.820%
Target Compounds						
					Qvalue	
44) Trichloroethene	7.129	130	2756	1.553	ug/l	99
64) Tetrachloroethene	9.275	164	577	0.345	ug/l #	77

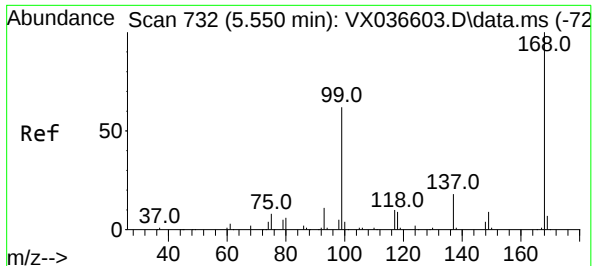
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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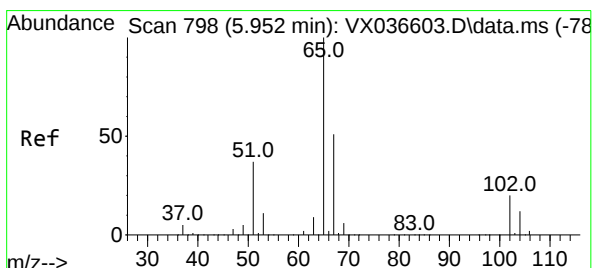
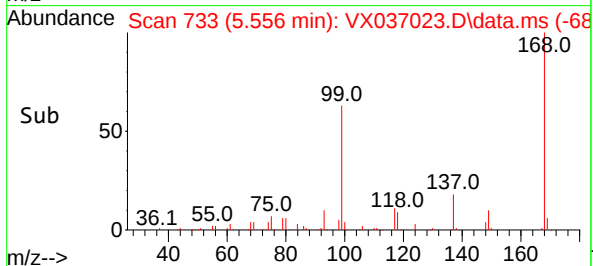
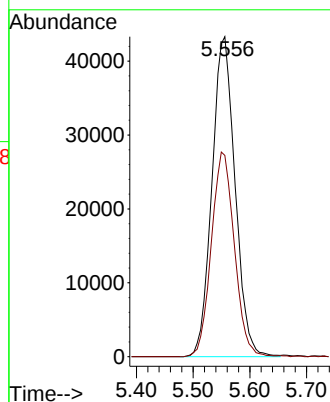
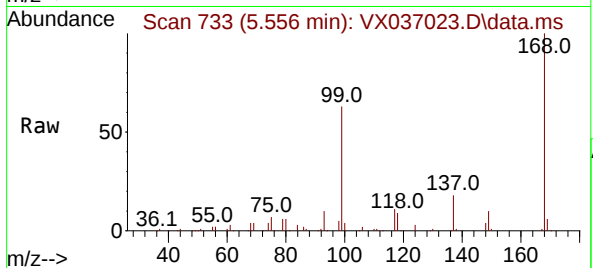




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX037023.D
Acq: 16 Aug 2023 17:24

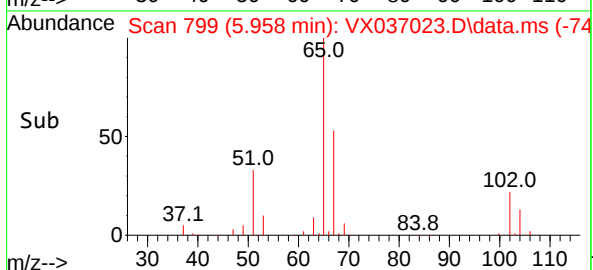
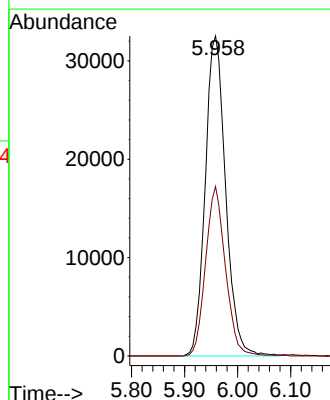
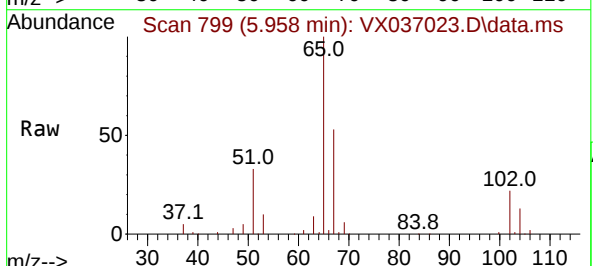
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20230815

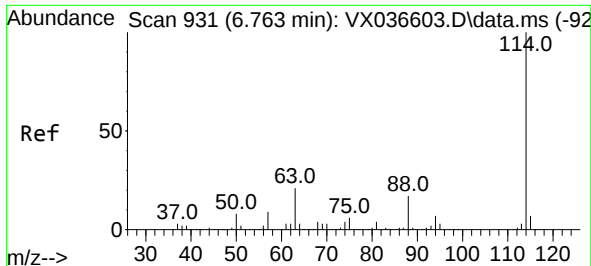
Tgt Ion:168 Resp: 122488
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.969 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037023.D
Acq: 16 Aug 2023 17:24

Tgt Ion: 65 Resp: 86938
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

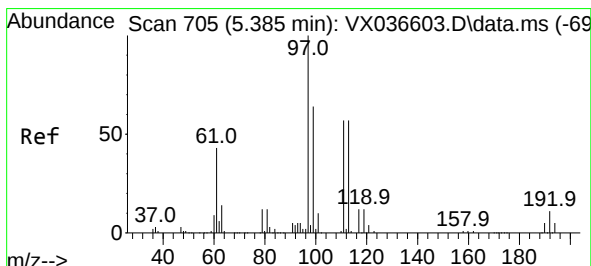
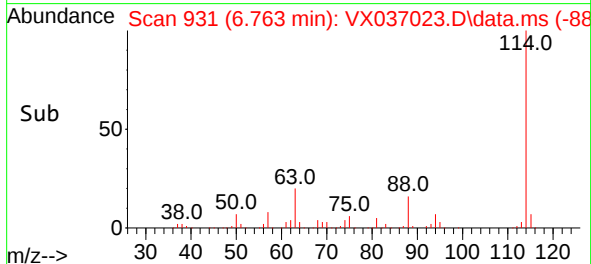
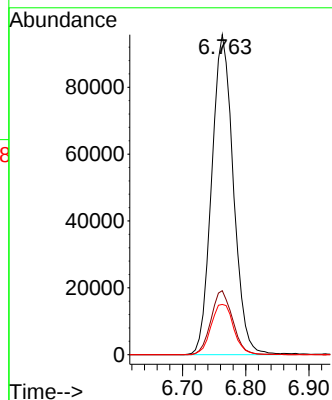
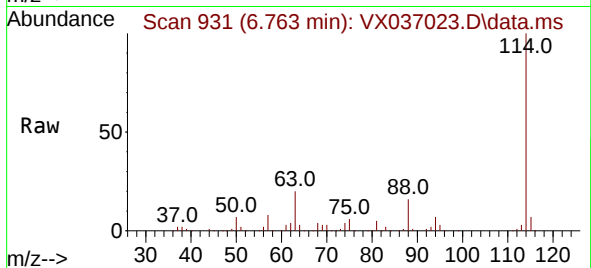




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037023.D
Acq: 16 Aug 2023 17:24

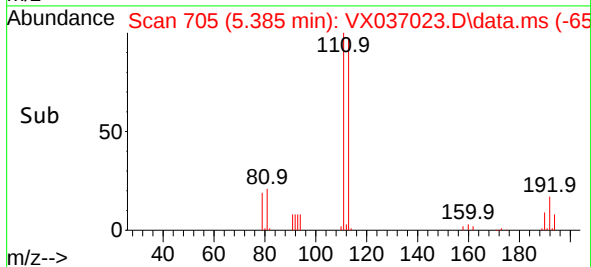
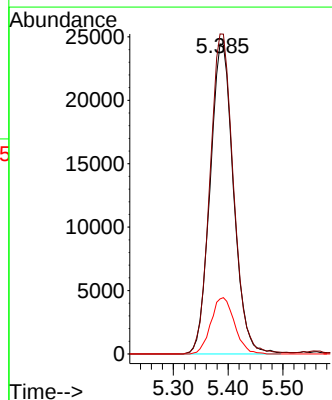
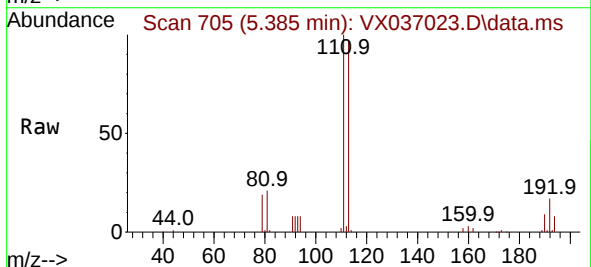
Instrument :
MSVOA_X
ClientSampleId :
MW178I-20230815

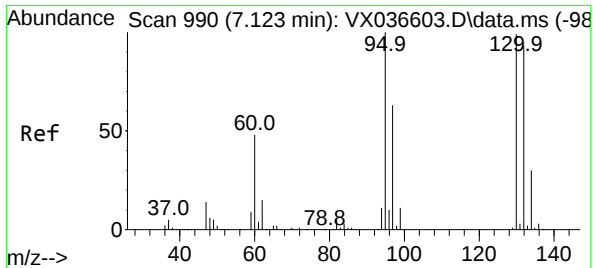
Tgt Ion:114 Resp: 227805
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.278 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037023.D
Acq: 16 Aug 2023 17:24

Tgt Ion:113 Resp: 72462
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.3 13.3 19.9

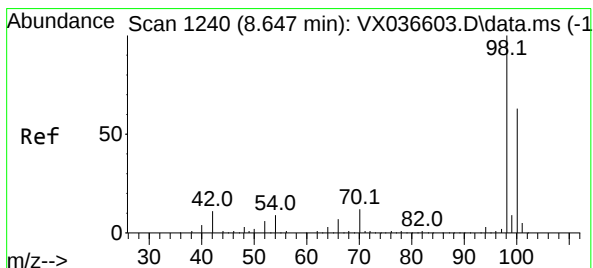
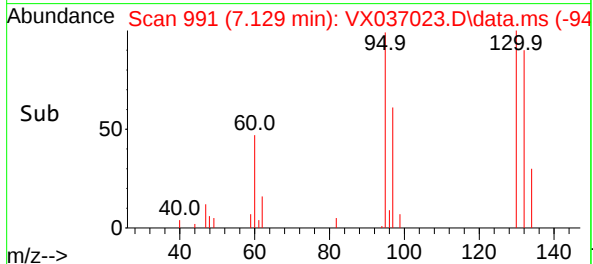
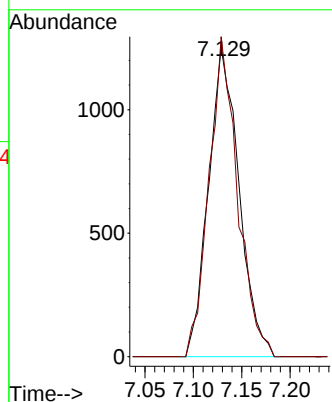
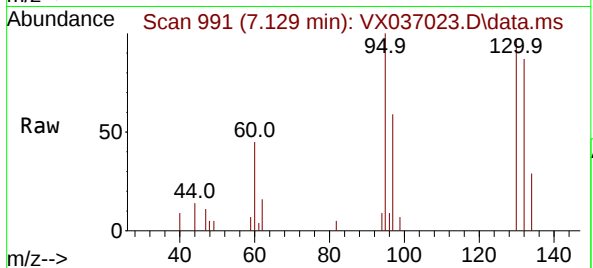




#44
 Trichloroethene
 Concen: 1.553 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX037023.D
 Acq: 16 Aug 2023 17:24

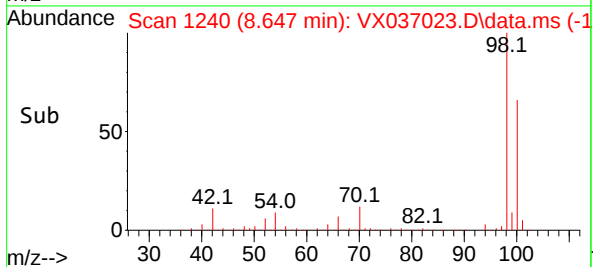
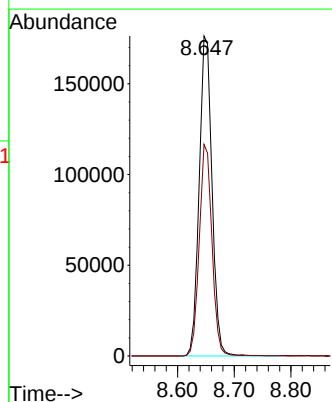
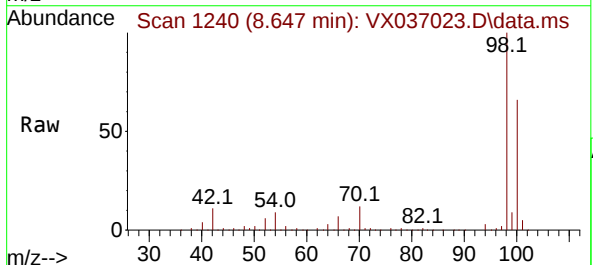
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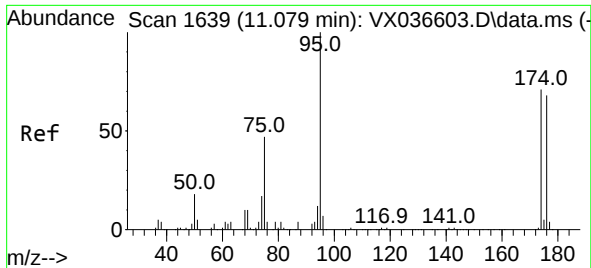
Tgt Ion:130 Resp: 2756
 Ion Ratio Lower Upper
 130 100
 95 103.4 0.0 204.4



#50
 Toluene-d8
 Concen: 49.820 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX037023.D
 Acq: 16 Aug 2023 17:24

Tgt Ion: 98 Resp: 276637
 Ion Ratio Lower Upper
 98 100
 100 65.5 53.1 79.7

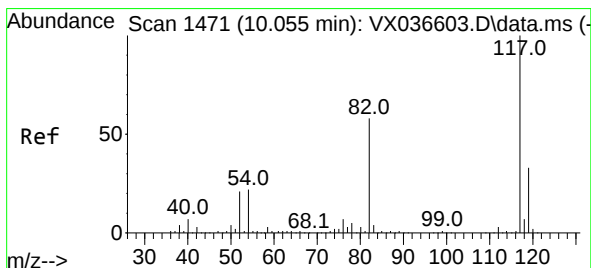
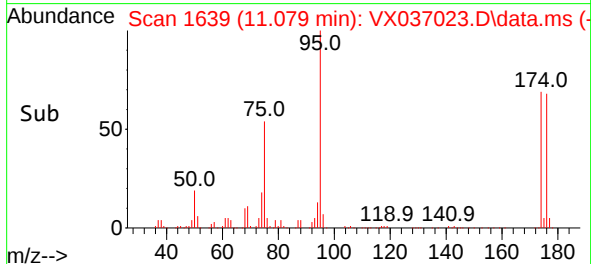
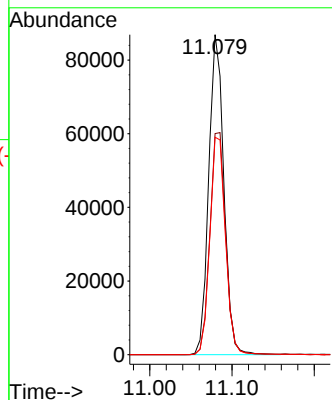
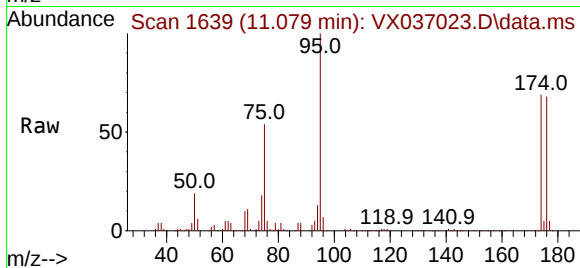




#62
4-Bromofluorobenzene
Concen: 52.911 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037023.D
Acq: 16 Aug 2023 17:24

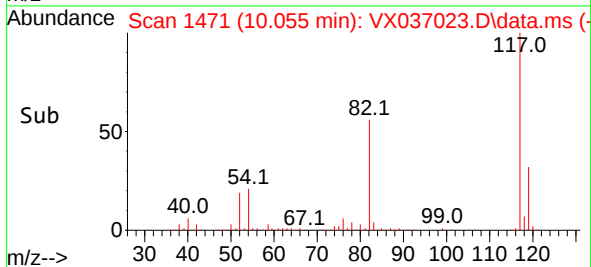
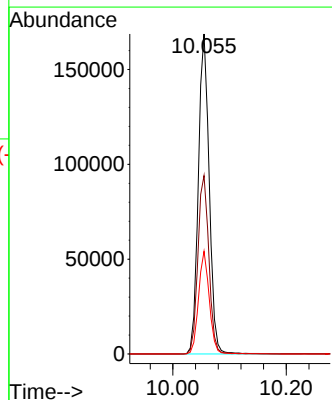
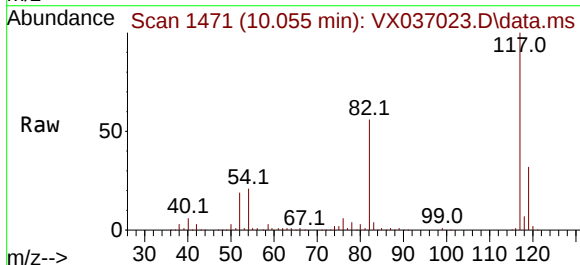
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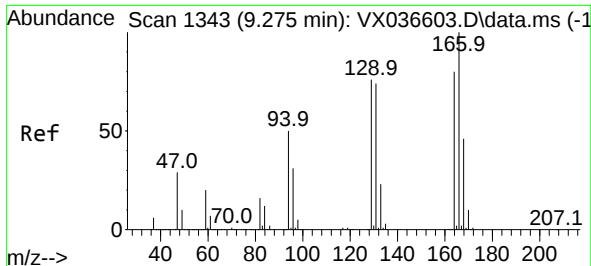
Tgt Ion: 95 Resp: 110845
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 70.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037023.D
Acq: 16 Aug 2023 17:24

Tgt Ion: 117 Resp: 224215
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.1 25.5 38.3



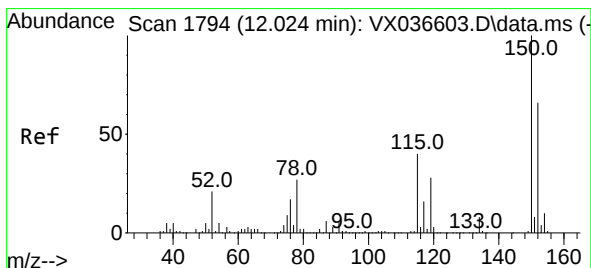
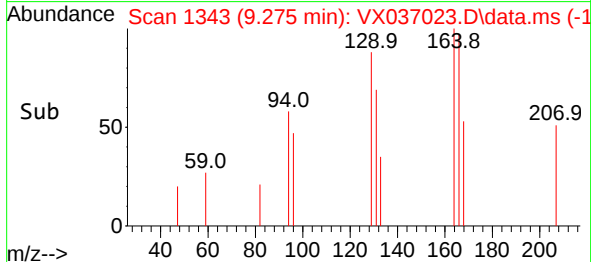
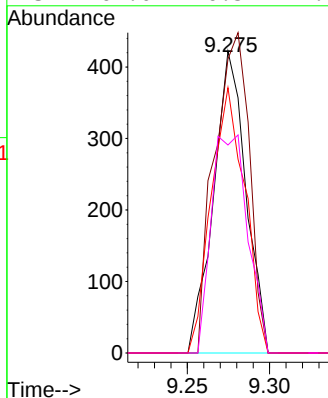
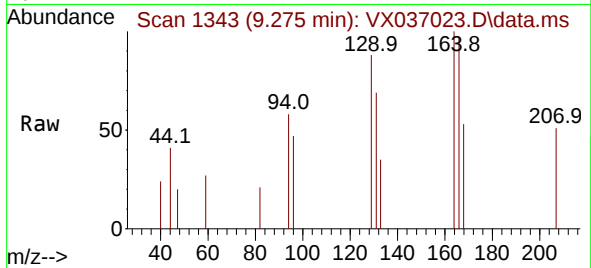


#64
Tetrachloroethene
Concen: 0.345 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037023.D
Acq: 16 Aug 2023 17:24

Instrument :
MSVOA_X
ClientSampleId :
MW178I-20230815

Tgt Ion:164 Resp: 577

Ion	Ratio	Lower	Upper
164	100		
166	97.4	102.7	154.1#
129	87.9	80.4	120.6
131	69.0	76.5	114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037023.D
Acq: 16 Aug 2023 17:24

Tgt Ion:152 Resp: 100602

Ion	Ratio	Lower	Upper
152	100		
115	63.0	43.3	129.9
150	156.5	0.0	345.0

