

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038441.D
 Acq On : 23 Oct 2023 18:33
 Operator : JC/MD
 Sample : 05007-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-102023

Quant Time: Oct 24 00:06:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

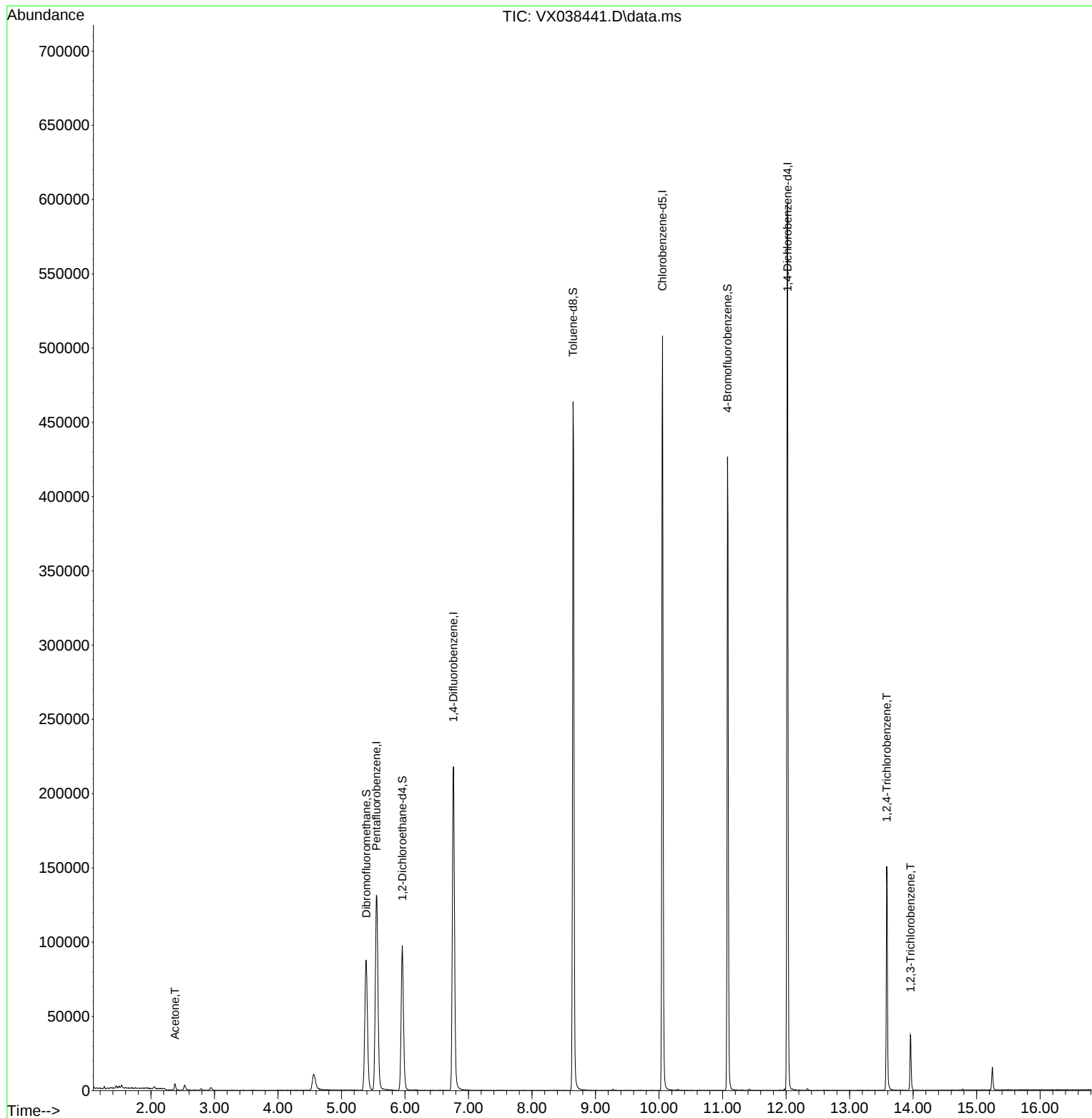
Internal Standards						
1) Pentafluorobenzene	5.550	168	127034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91432	44.748	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.500%
35) Dibromofluoromethane	5.391	113	76096	45.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.160%
50) Toluene-d8	8.647	98	285618	44.775	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.540%#
62) 4-Bromofluorobenzene	11.079	95	110576	45.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.440%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4384	5.141	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	35807	13.497	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	9322	3.629	ug/l	98

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

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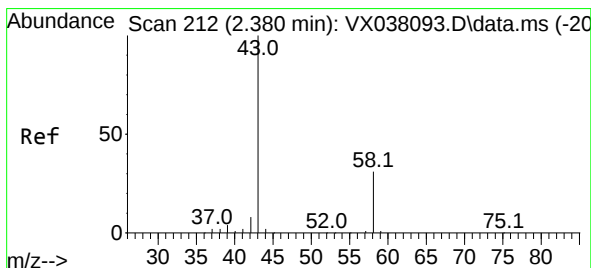
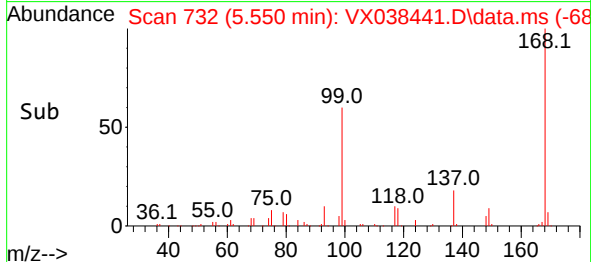
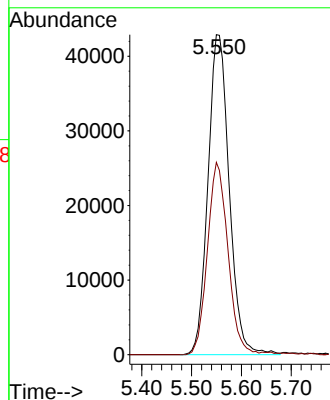
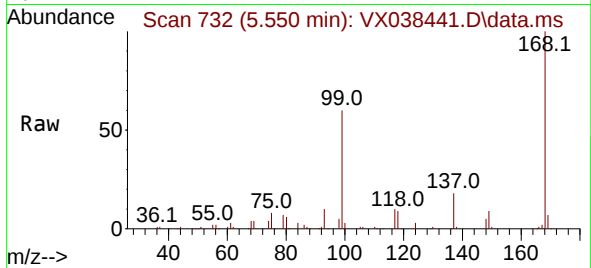




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

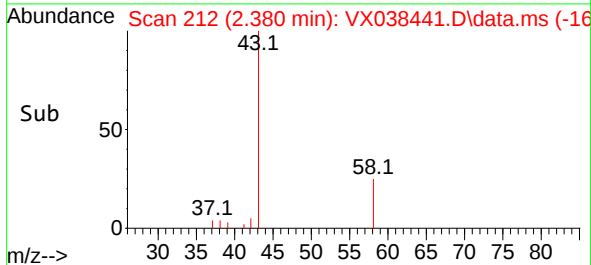
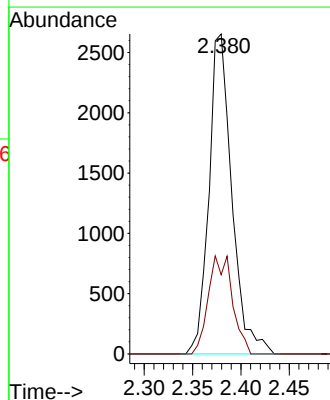
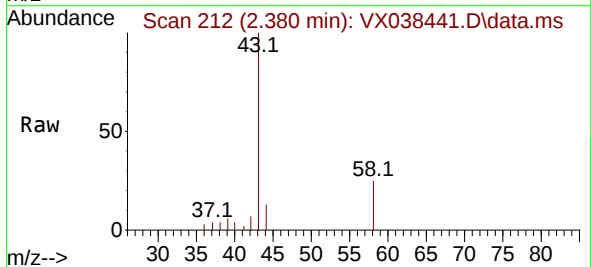
Instrument :
MSVOA_X
ClientSampleId :
FB-102023

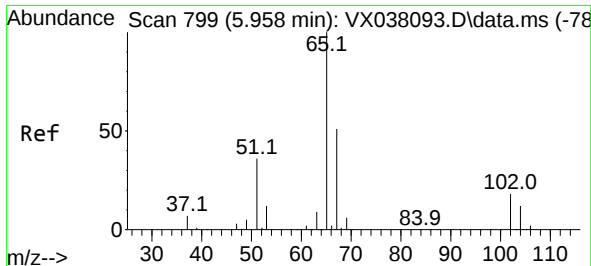
Tgt Ion:168 Resp: 127034
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#16
Acetone
Concen: 5.141 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

Tgt Ion: 43 Resp: 4384
Ion Ratio Lower Upper
43 100
58 24.7 21.9 32.9

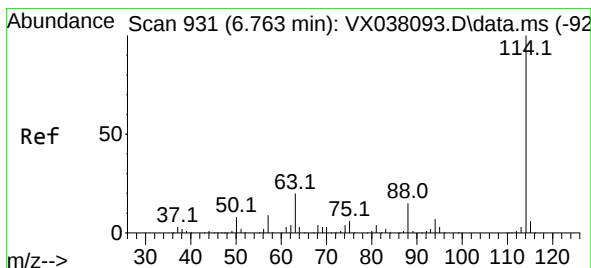
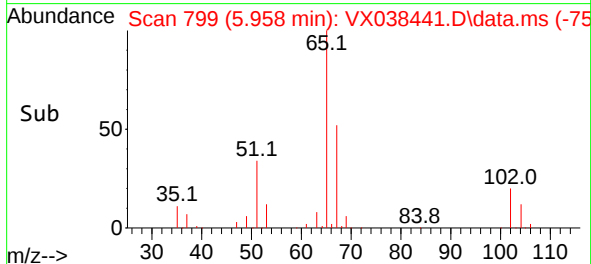
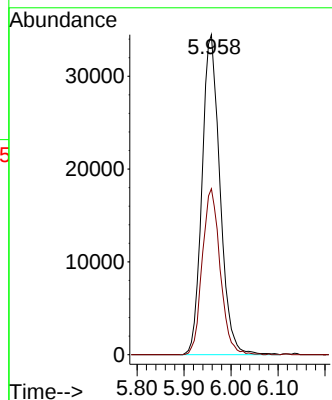
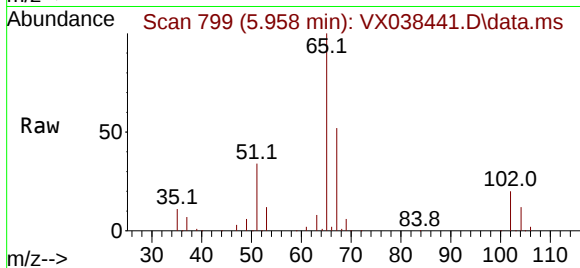




#33
 1,2-Dichloroethane-d4
 Concen: 44.748 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038441.D
 Acq: 23 Oct 2023 18:33

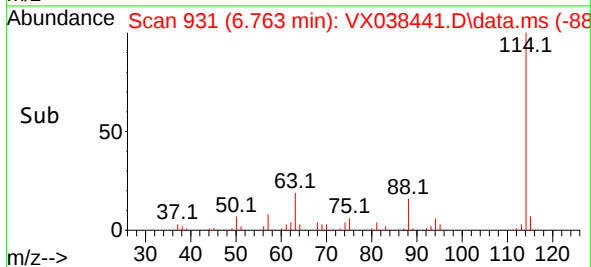
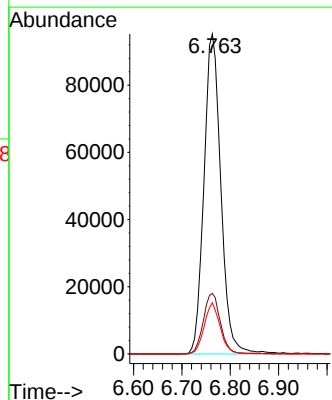
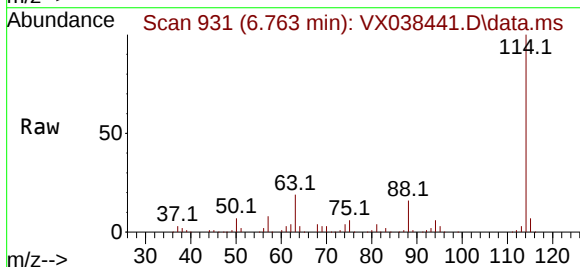
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-102023

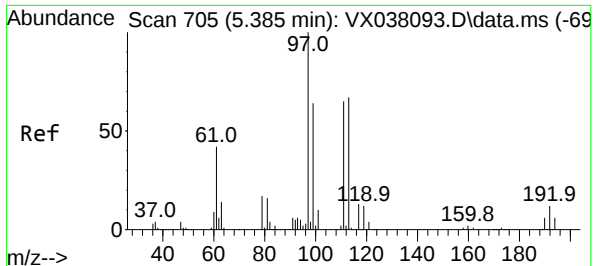
Tgt Ion: 65 Resp: 91432
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038441.D
 Acq: 23 Oct 2023 18:33

Tgt Ion: 114 Resp: 231672
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 45.0
 88 16.0 0.0 36.6

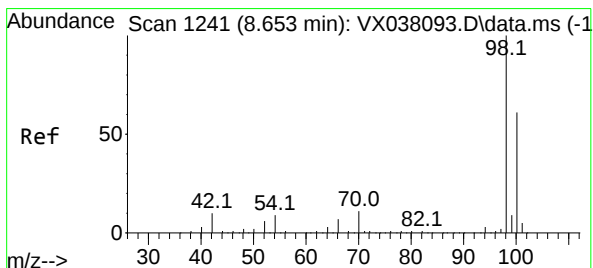
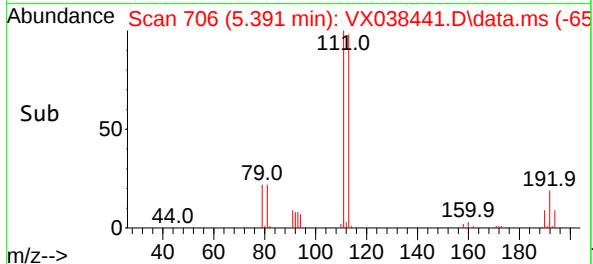
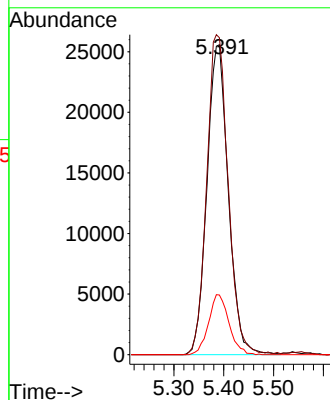
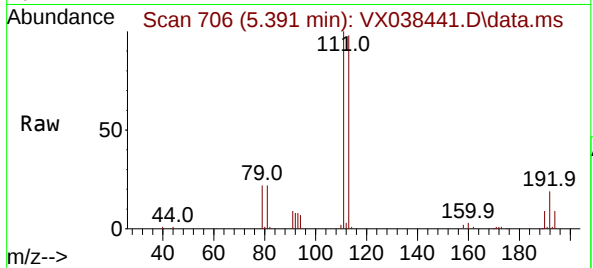




#35
Dibromofluoromethane
Concen: 45.584 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

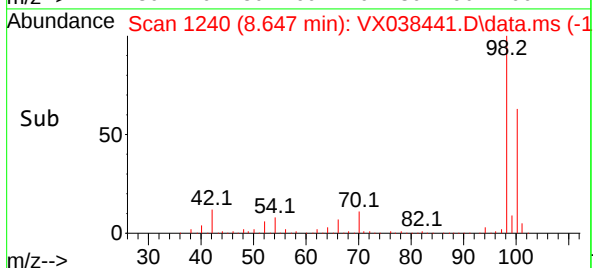
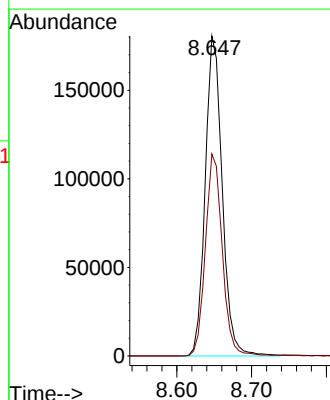
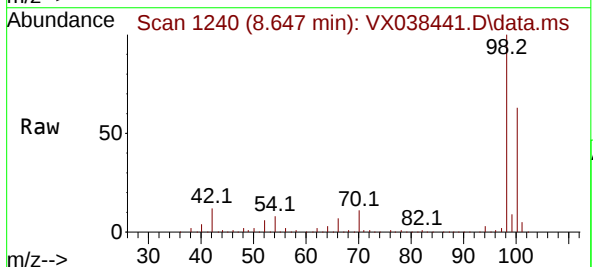
Instrument :
MSVOA_X
ClientSampleId :
FB-102023

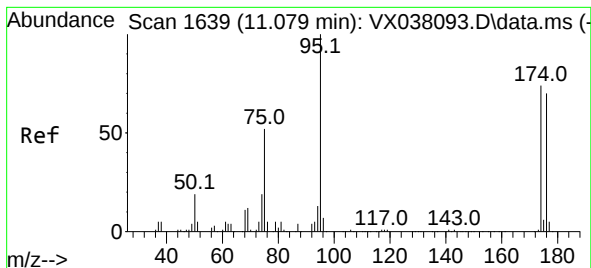
Tgt Ion:113 Resp: 76096
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.5 13.3 19.9



#50
Toluene-d8
Concen: 44.775 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

Tgt Ion: 98 Resp: 285618
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7

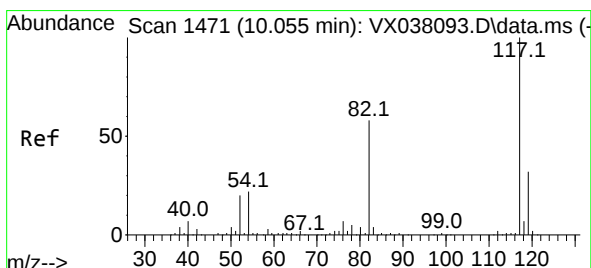
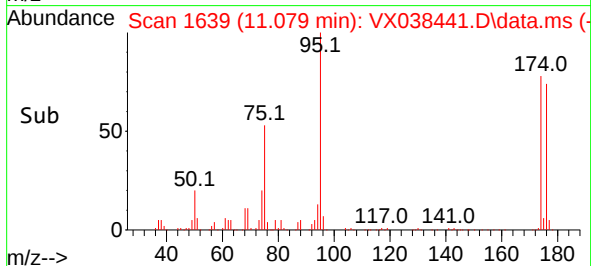
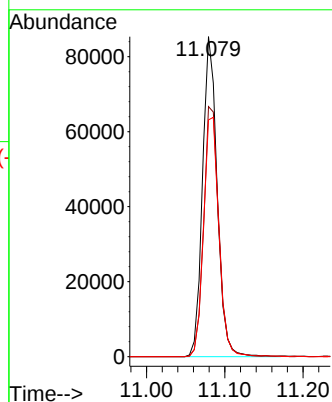
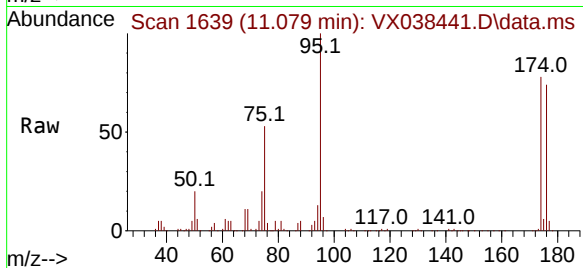




#62
4-Bromofluorobenzene
Concen: 45.724 ug/l
RT: 11.079 min Scan# 110576
Delta R.T. 0.000 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

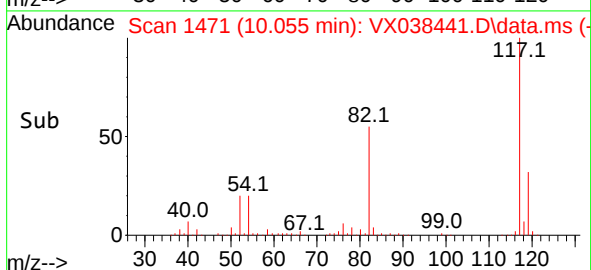
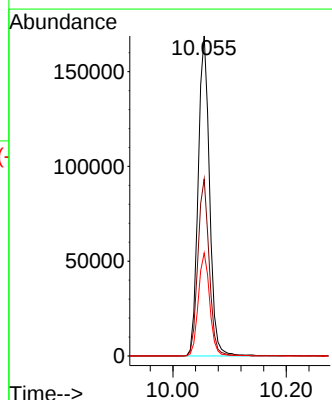
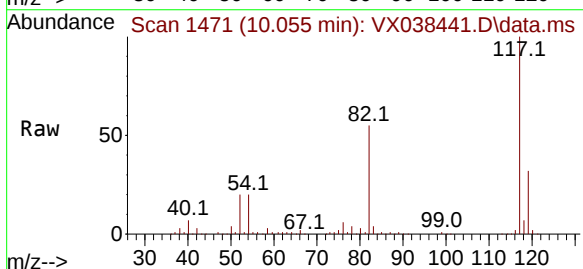
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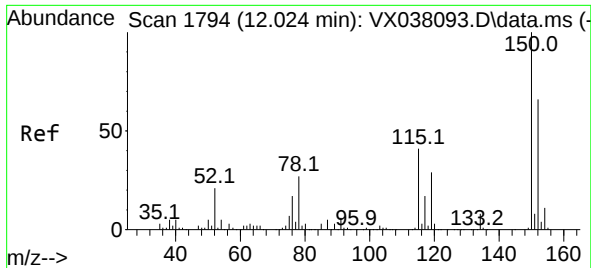
Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	135.6
176	79.0	0.0	131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038441.D
Acq: 23 Oct 2023 18:33

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.2	69.4
119	32.2	25.5	38.3

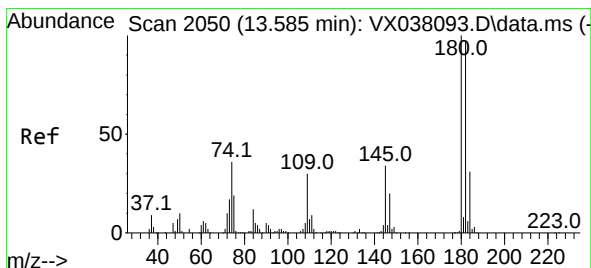
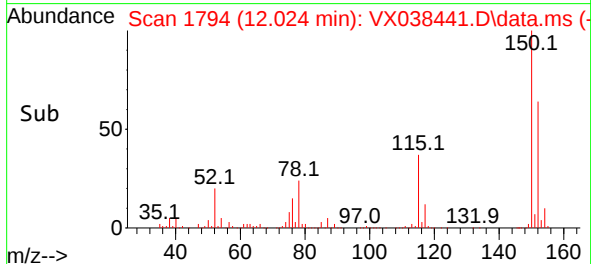
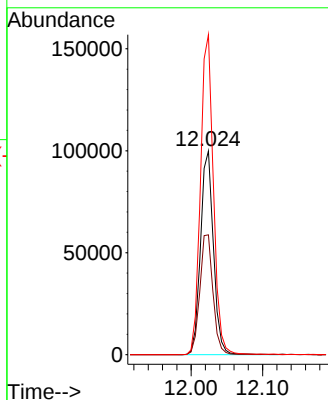
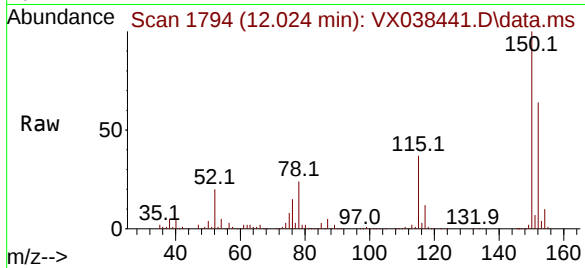




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038441.D
 Acq: 23 Oct 2023 18:33

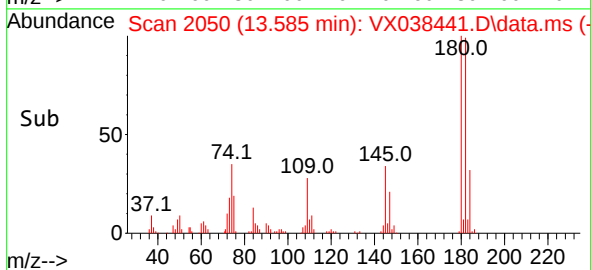
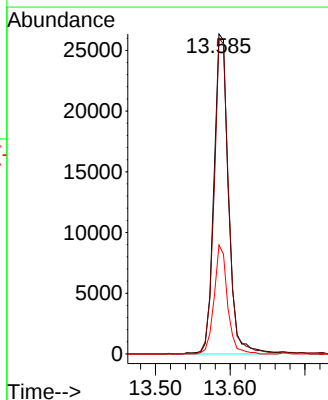
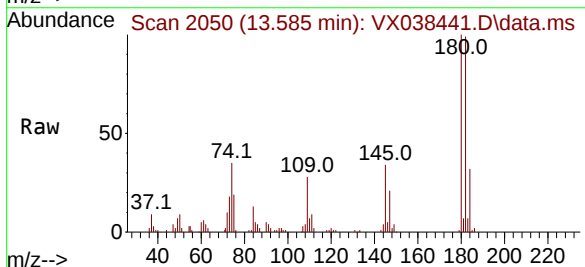
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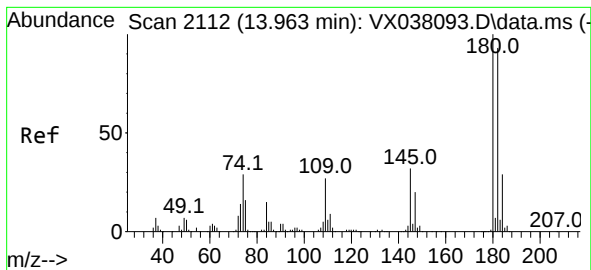
Tgt Ion:152 Resp: 125130
 Ion Ratio Lower Upper
 152 100
 115 60.1 43.3 129.9
 150 157.2 0.0 345.0



#93
 1,2,4-Trichlorobenzene
 Concen: 13.497 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX038441.D
 Acq: 23 Oct 2023 18:33

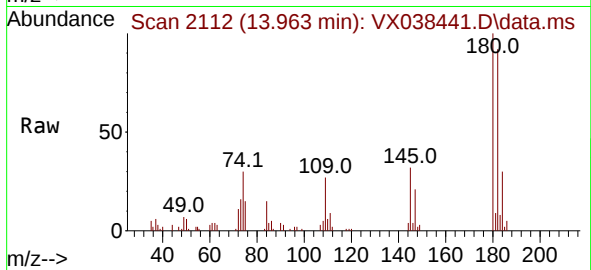
Tgt Ion:180 Resp: 35807
 Ion Ratio Lower Upper
 180 100
 182 97.7 48.3 144.8
 145 31.3 18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 3.629 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX038441.D
 Acq: 23 Oct 2023 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-102023



Tgt Ion:180 Resp: 9322
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.9 140.6
 145 32.7 17.8 53.5

