

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038474.D
 Acq On : 25 Oct 2023 13:01
 Operator : JC/MD
 Sample : 05007-12DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-24-37-40DL

Quant Time: Oct 26 04:03:31 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)

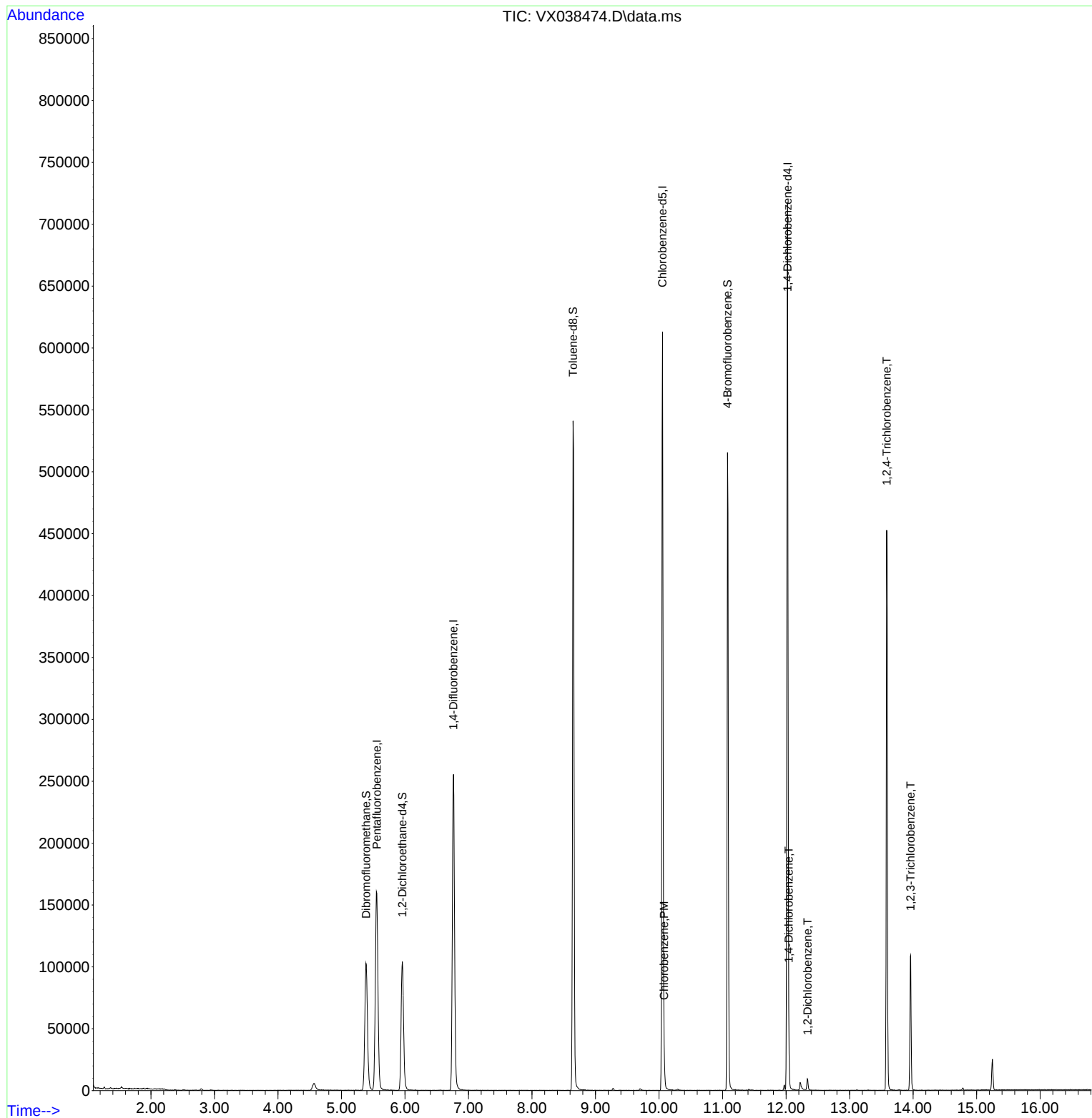
Internal Standards						
1) Pentafluorobenzene	5.556	168	160312	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	276715	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102153	39.617	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.240%
35) Dibromofluoromethane	5.385	113	89974	45.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.240%
50) Toluene-d8	8.647	98	336669	44.187	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.380%#
62) 4-Bromofluorobenzene	11.079	95	133062	46.066	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.140%
Target Compounds						
					Qvalue	
65) Chlorobenzene	10.079	112	7593	1.274	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	9039	1.741	ug/l	87
91) 1,2-Dichlorobenzene	12.341	146	3265	0.668	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	105710	32.249	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	27172	8.561	ug/l	97

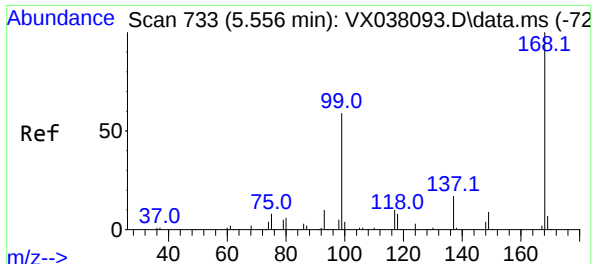
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

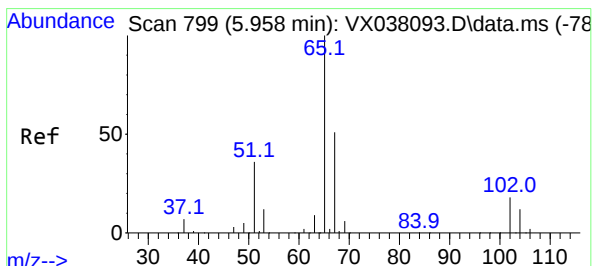
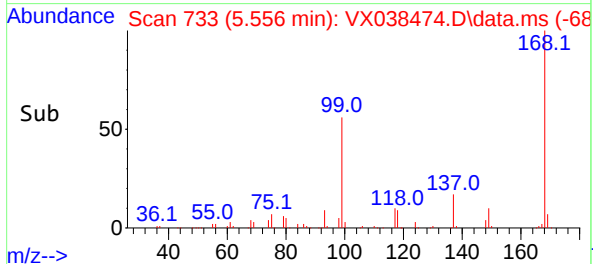
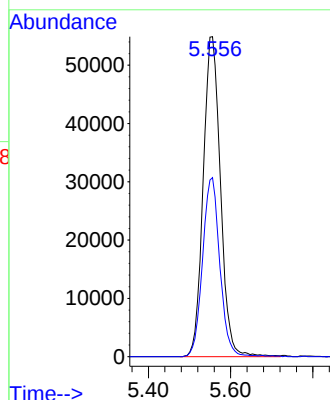
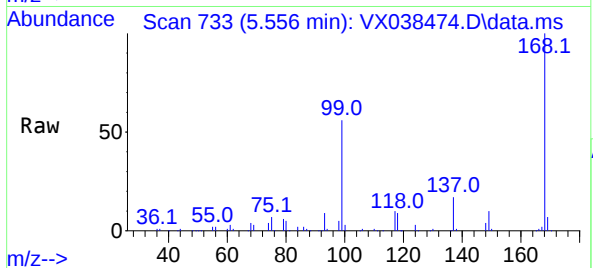




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX038474.D
Acq: 25 Oct 2023 13:01

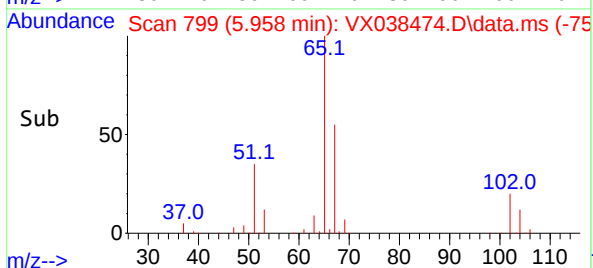
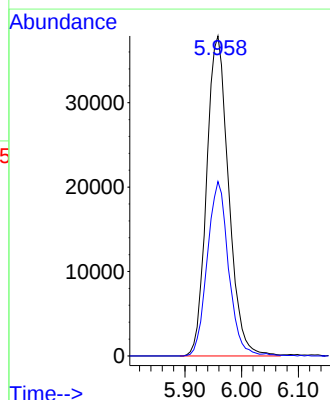
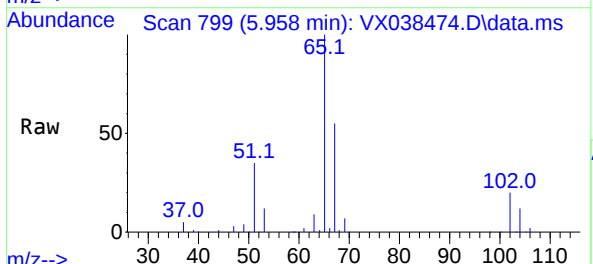
Instrument :
MSVOA_X
ClientSampleId :
GW-24-37-40DL

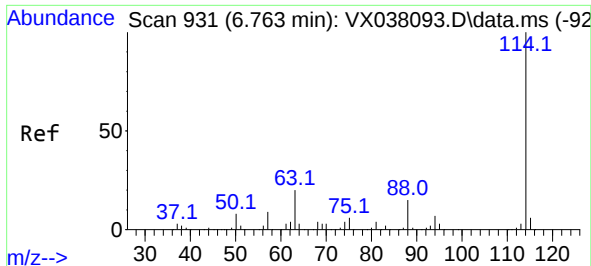
Tgt Ion:168 Resp: 160312
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 39.617 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038474.D
Acq: 25 Oct 2023 13:01

Tgt Ion: 65 Resp: 102153
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

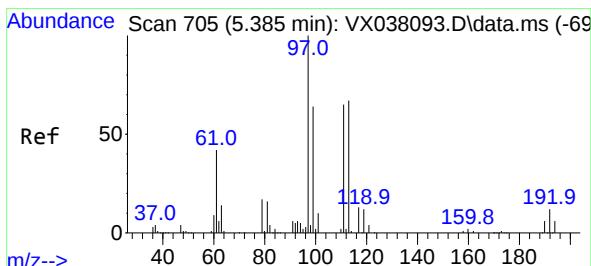
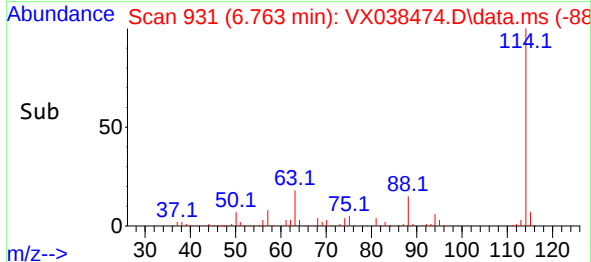
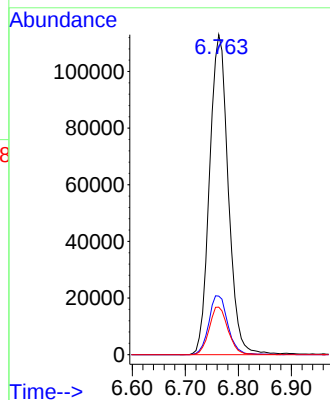
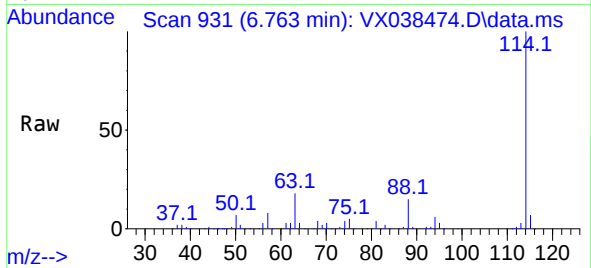




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038474.D
Acq: 25 Oct 2023 13:01

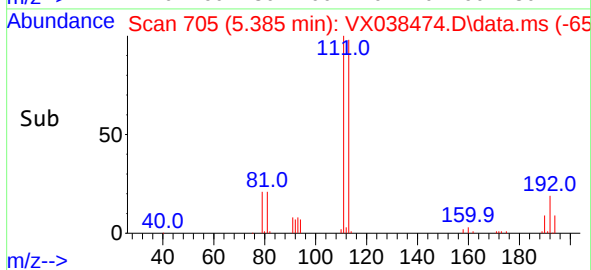
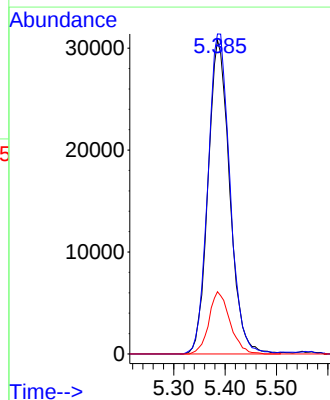
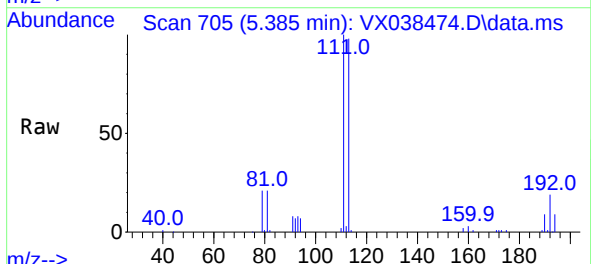
Instrument :
MSVOA_X
ClientSampleId :
GW-24-37-40DL

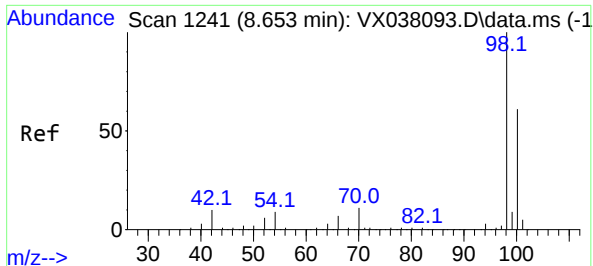
Tgt Ion:114 Resp: 276715
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.125 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038474.D
Acq: 25 Oct 2023 13:01

Tgt Ion:113 Resp: 89974
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 19.3 13.3 19.9

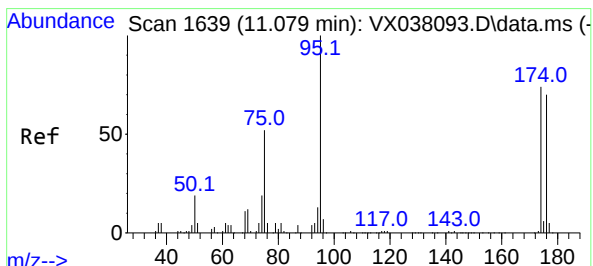
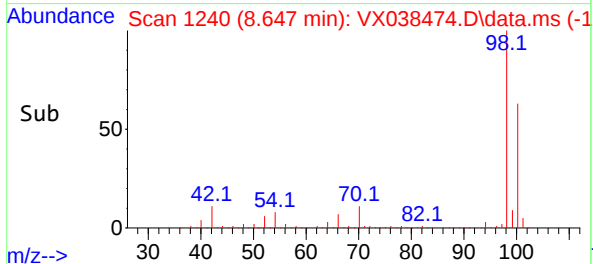
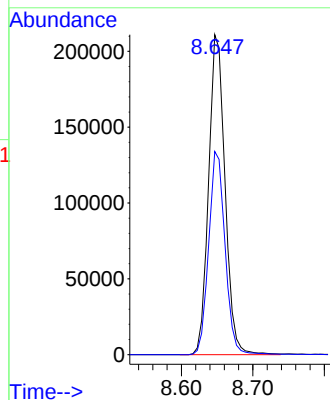
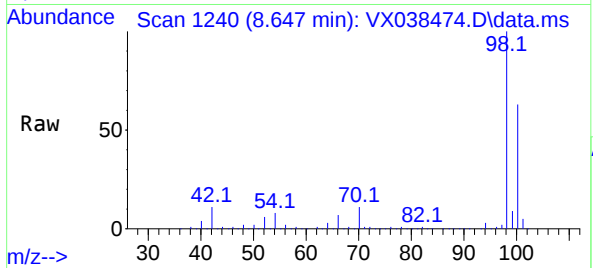




#50
Toluene-d8
Concen: 44.187 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038474.D
Acq: 25 Oct 2023 13:01

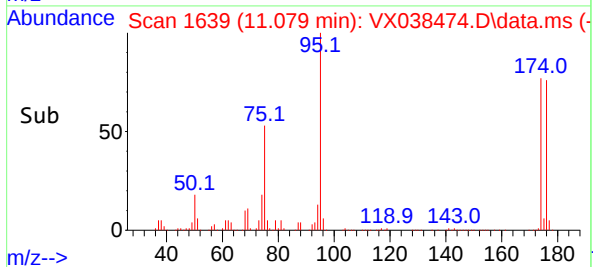
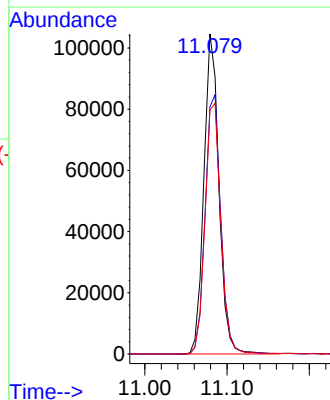
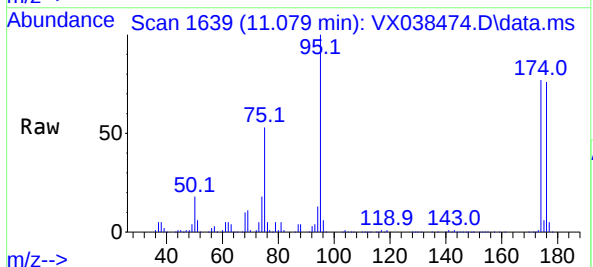
Instrument :
MSVOA_X
ClientSampleId :
GW-24-37-40DL

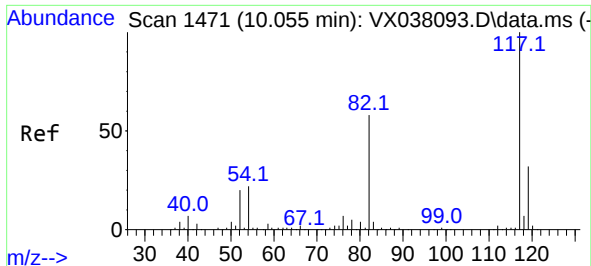
Tgt Ion: 98 Resp: 336669
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.066 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038474.D
Acq: 25 Oct 2023 13:01

Tgt Ion: 95 Resp: 133062
Ion Ratio Lower Upper
95 100
174 84.3 0.0 135.6
176 82.3 0.0 131.0

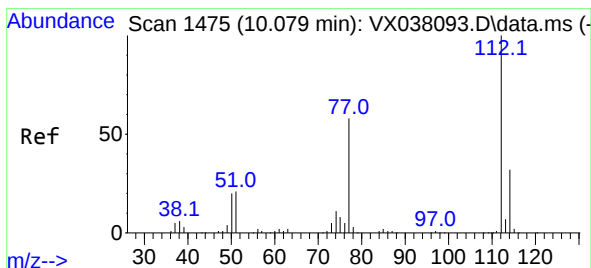
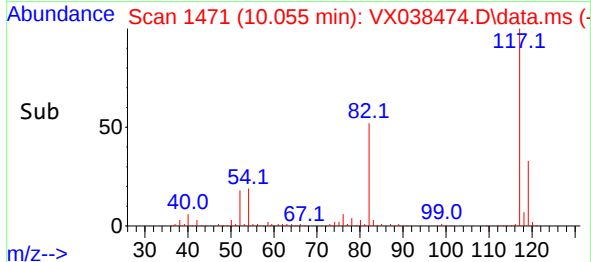
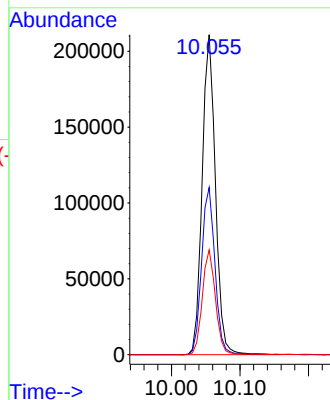
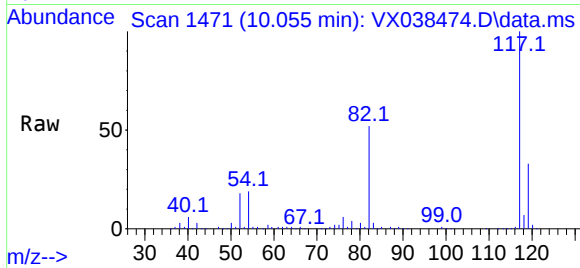




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038474.D
Acq: 25 Oct 2023 13:01

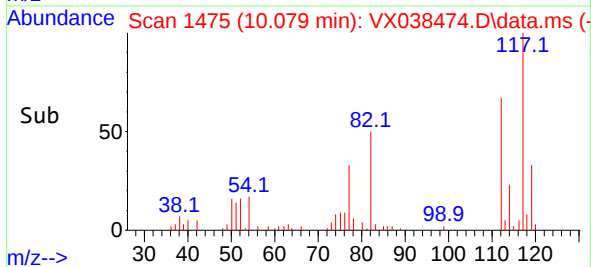
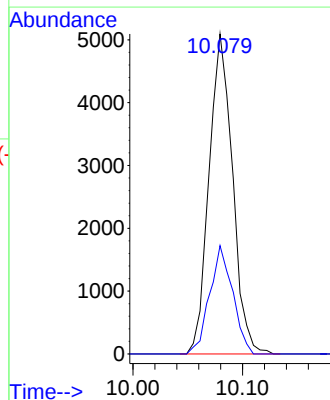
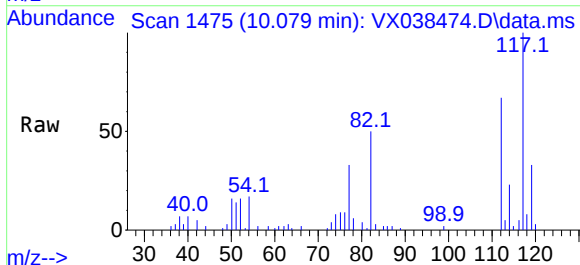
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ClientSampleId :
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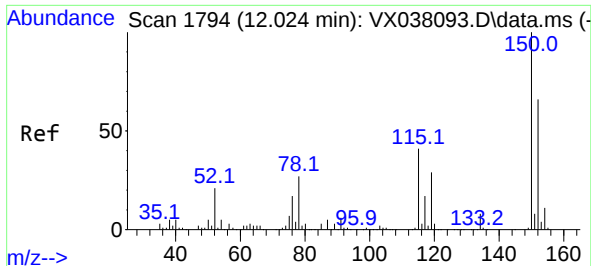
Tgt Ion:117 Resp: 284708
Ion Ratio Lower Upper
117 100
82 52.3 46.2 69.4
119 32.8 25.5 38.3



#65
Chlorobenzene
Concen: 1.274 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038474.D
Acq: 25 Oct 2023 13:01

Tgt Ion:112 Resp: 7593
Ion Ratio Lower Upper
112 100
114 33.9 25.7 38.5

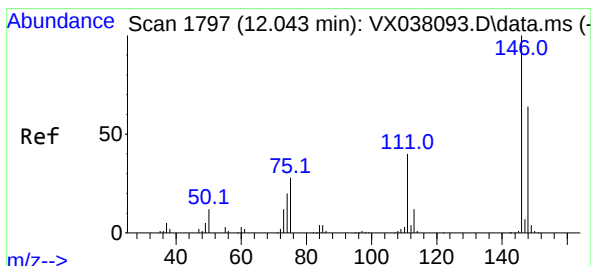
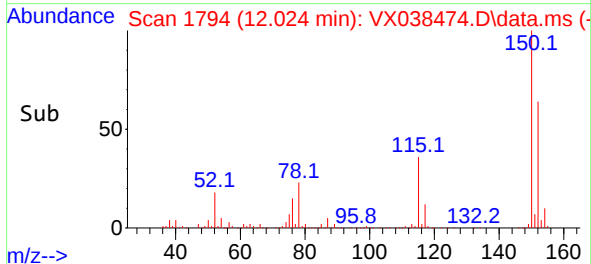
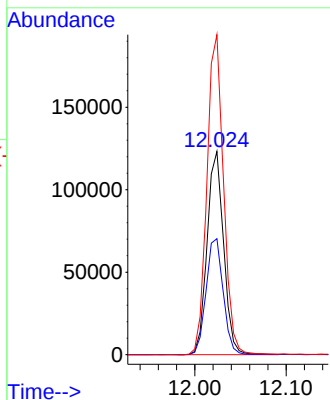
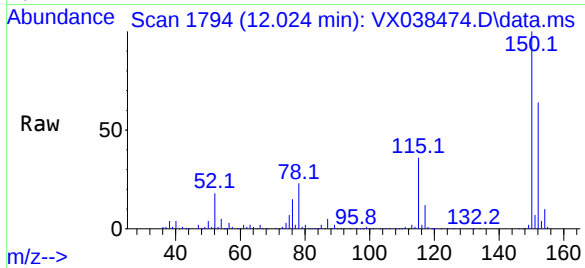




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038474.D
Acq: 25 Oct 2023 13:01

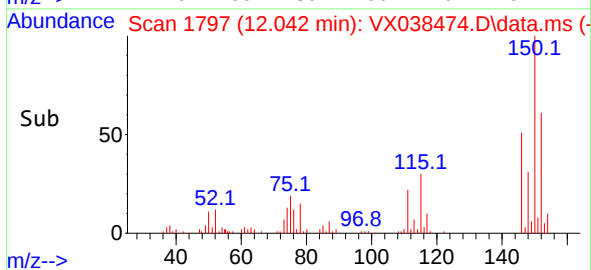
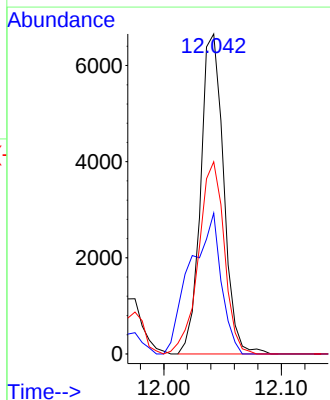
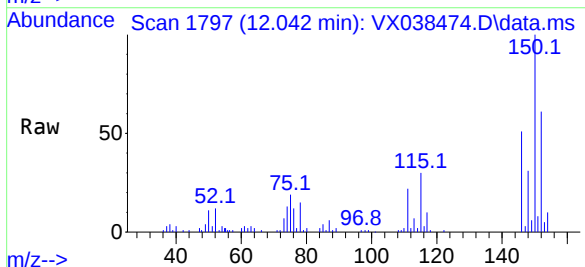
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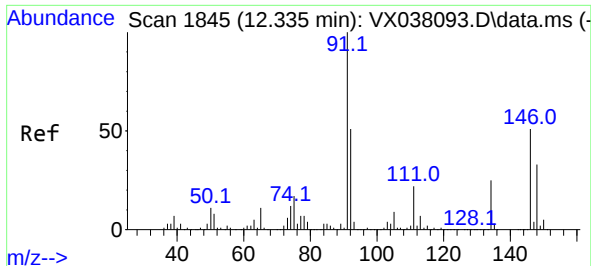
Tgt Ion:152 Resp: 154604
Ion Ratio Lower Upper
152 100
115 59.2 43.3 129.9
150 158.1 0.0 345.0



#88
1,4-Dichlorobenzene
Concen: 1.741 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX038474.D
Acq: 25 Oct 2023 13:01

Tgt Ion:146 Resp: 9039
Ion Ratio Lower Upper
146 100
111 59.3 21.3 63.7
148 67.3 31.8 95.4

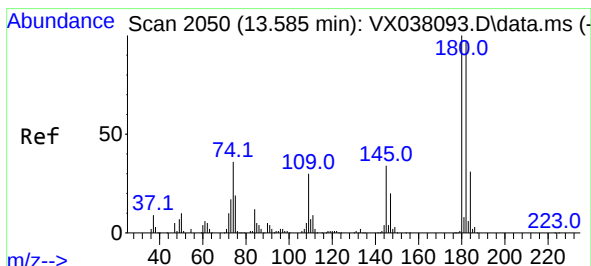
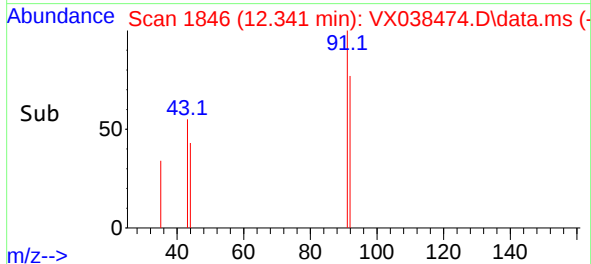
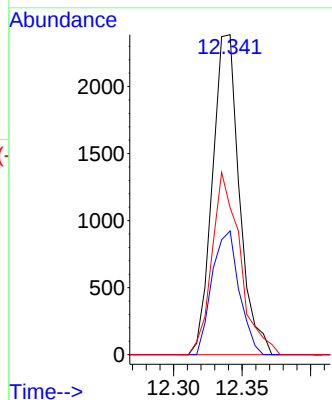
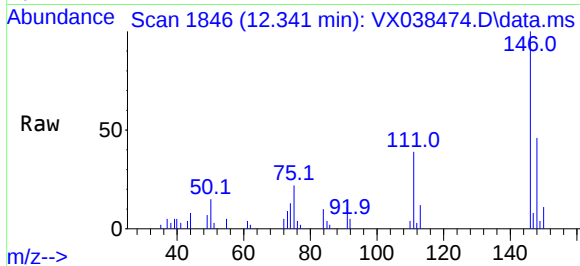




#91
1,2-Dichlorobenzene
Concen: 0.668 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX038474.D
Acq: 25 Oct 2023 13:01

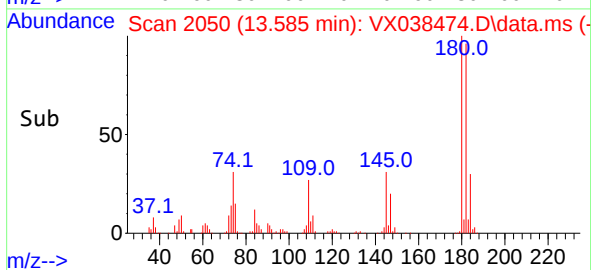
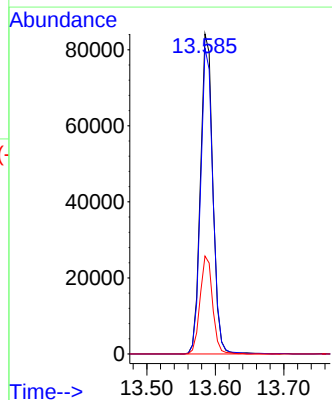
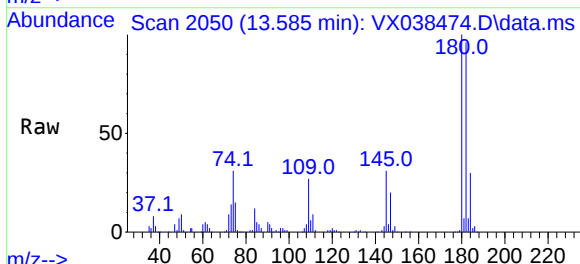
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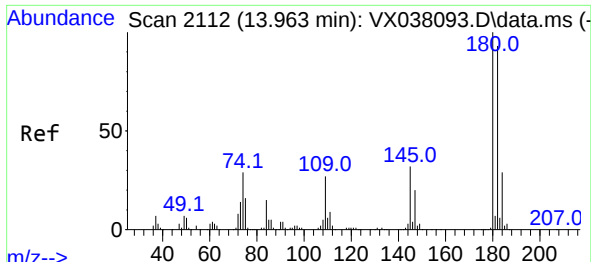
Tgt Ion:146	Resp:	3265
Ion Ratio	Lower	Upper
146	100	
111	38.9	22.4 67.0
148	59.4	31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 32.249 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX038474.D
Acq: 25 Oct 2023 13:01

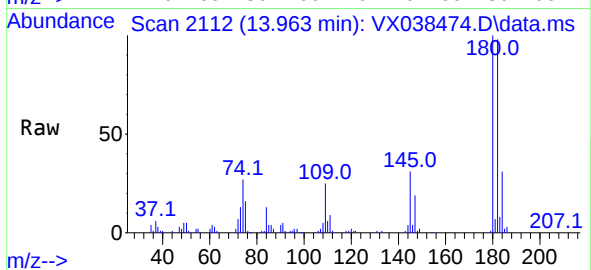
Tgt Ion:180	Resp:	105710
Ion Ratio	Lower	Upper
180	100	
182	95.6	48.3 144.8
145	31.0	18.0 54.0





#96
 1,2,3-Trichlorobenzene
 Concen: 8.561 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX038474.D
 Acq: 25 Oct 2023 13:01

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-24-37-40DL



Tgt Ion:180 Resp: 27172
 Ion Ratio Lower Upper
 180 100
 182 96.2 46.9 140.6
 145 32.5 17.8 53.5

