

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037211.D
 Acq On : 24 Aug 2023 13:04
 Operator : JC/MD
 Sample : 04051-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20230816DL

Quant Time: Aug 25 00:15:35 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)

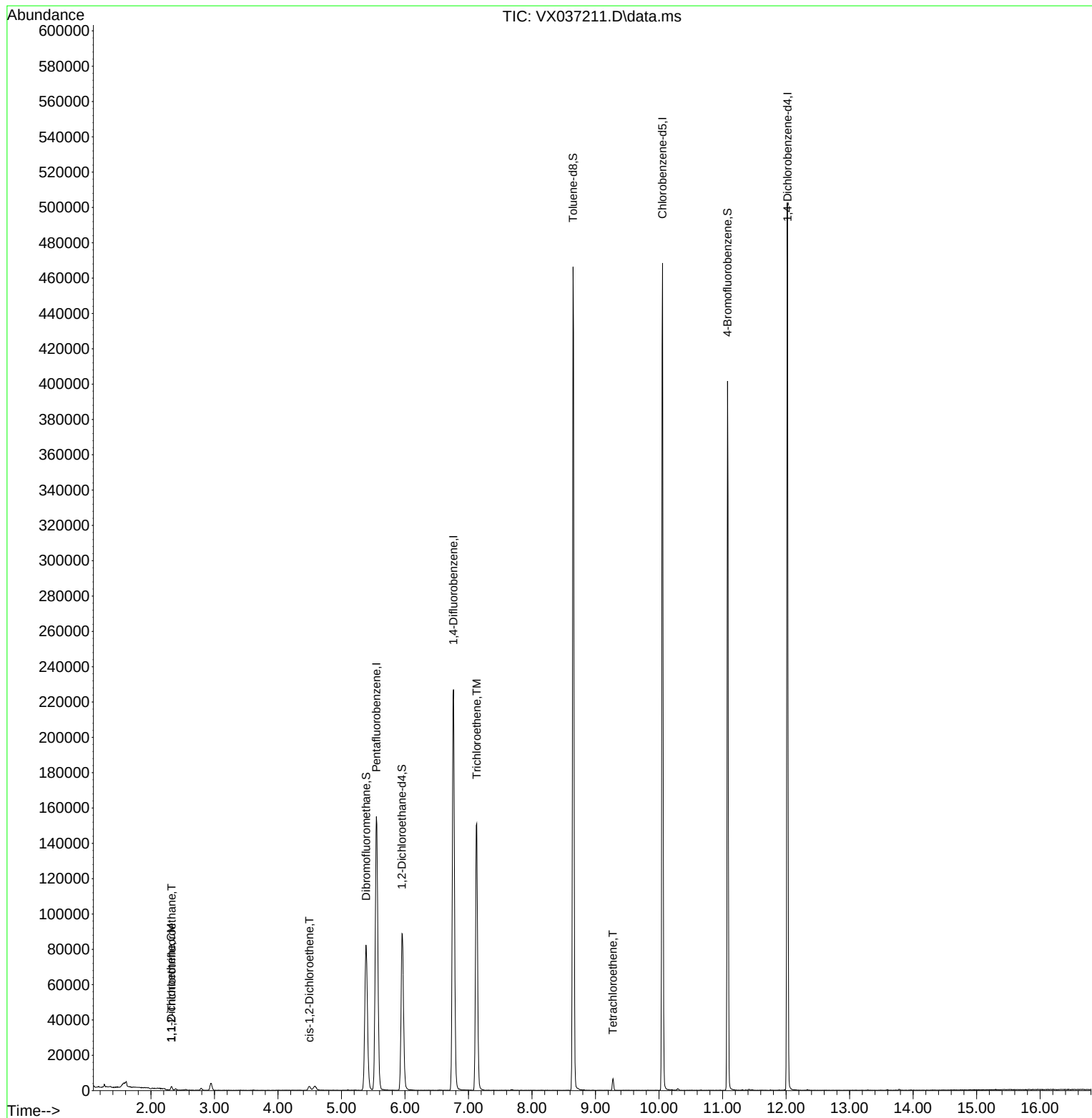
Internal Standards						
1) Pentafluorobenzene	5.550	168	144831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91946	44.035	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.080%
35) Dibromofluoromethane	5.385	113	73740	46.695	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	8.647	98	278407	48.602	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.079	95	109421	48.606	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.220%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	714	0.466	ug/l #	80
12) 1,1-Dichloroethene	2.319	96	349	0.234	ug/l	85
27) cis-1,2-Dichloroethene	4.495	96	1667	0.834	ug/l	77
44) Trichloroethene	7.129	130	61298	33.595	ug/l	96
64) Tetrachloroethene	9.275	164	1182	0.746	ug/l	93

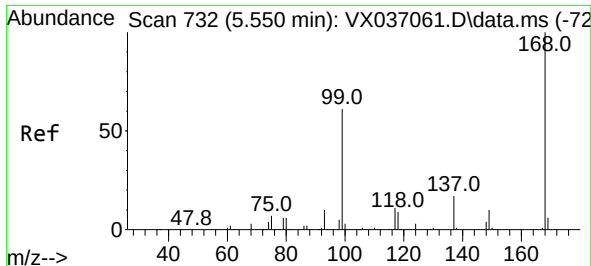
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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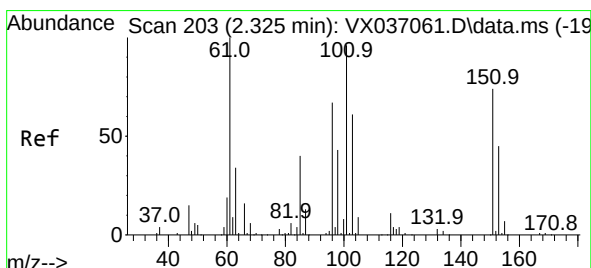
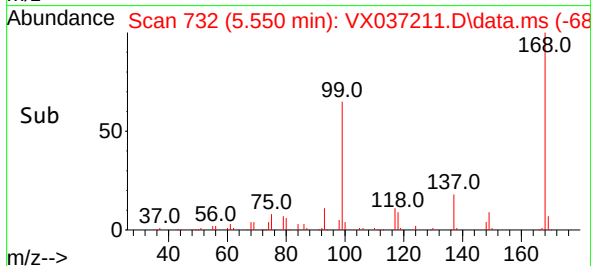
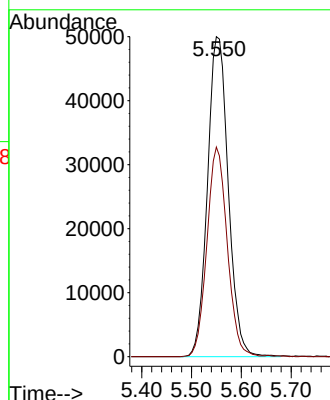
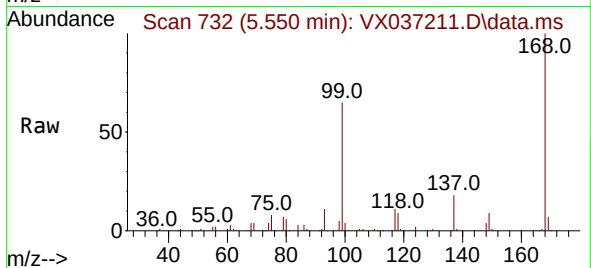




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037211.D
Acq: 24 Aug 2023 13:04

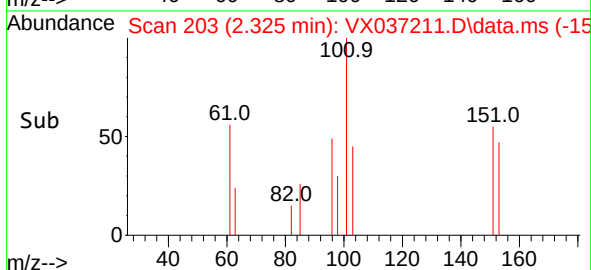
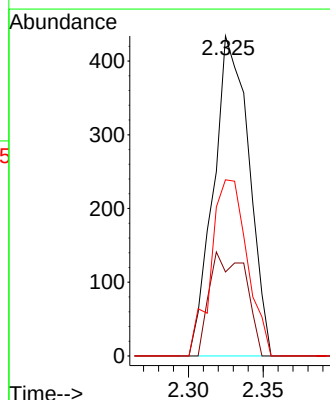
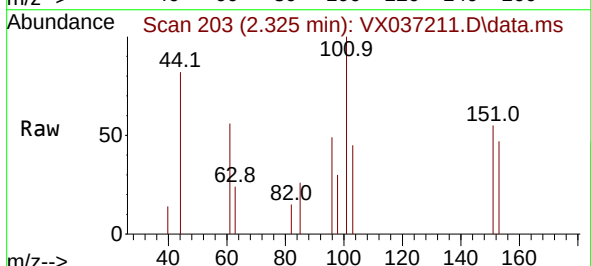
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20230816DL

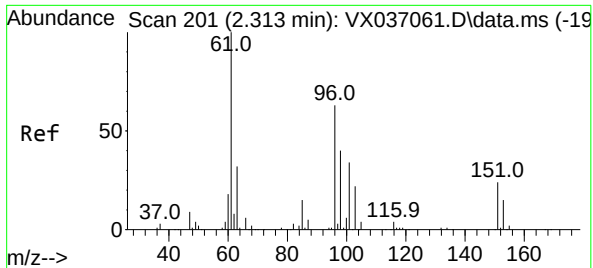
Tgt Ion:168 Resp: 144831
Ion Ratio Lower Upper
168 100
99 65.5 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.466 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037211.D
Acq: 24 Aug 2023 13:04

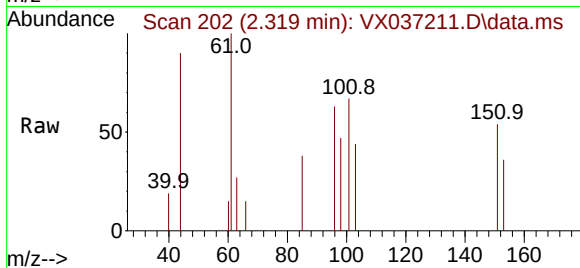
Tgt Ion:101 Resp: 714
Ion Ratio Lower Upper
101 100
85 32.8 37.0 55.6#
151 56.2 58.6 87.8#



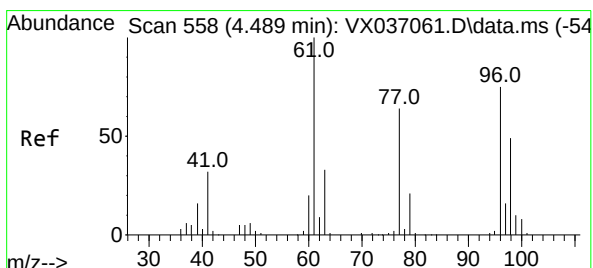
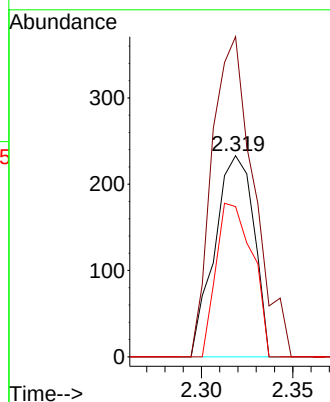
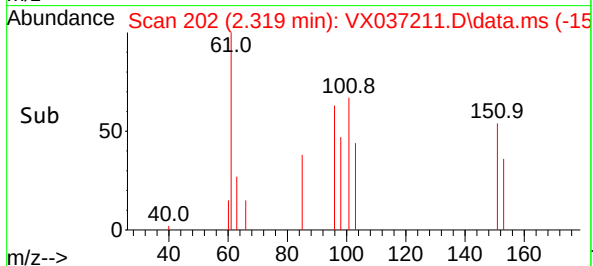


#12
 1,1-Dichloroethene
 Concen: 0.234 ug/l
 RT: 2.319 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX037211.D
 Acq: 24 Aug 2023 13:04

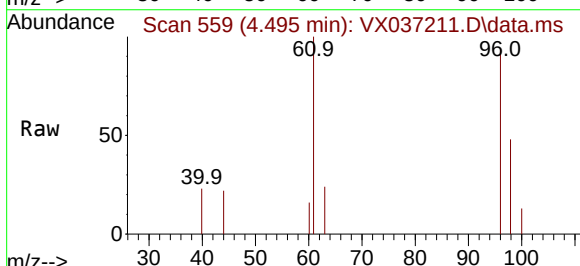
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20230816DL



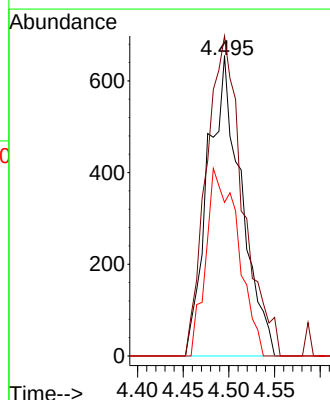
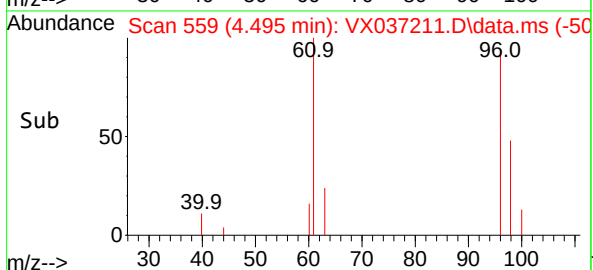
Tgt Ion: 96 Resp: 349
 Ion Ratio Lower Upper
 96 100
 61 159.2 144.6 216.8
 98 74.7 50.4 75.6

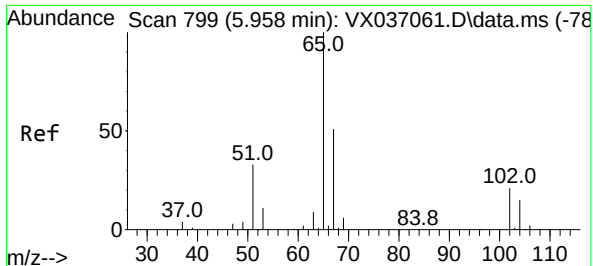


#27
 cis-1,2-Dichloroethene
 Concen: 0.834 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX037211.D
 Acq: 24 Aug 2023 13:04



Tgt Ion: 96 Resp: 1667
 Ion Ratio Lower Upper
 96 100
 61 116.5 0.0 312.2
 98 60.2 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 44.035 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037211.D

Acq: 24 Aug 2023 13:04

Instrument :

MSVOA_X

ClientSampleId :

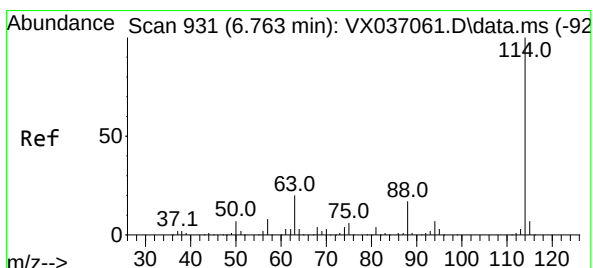
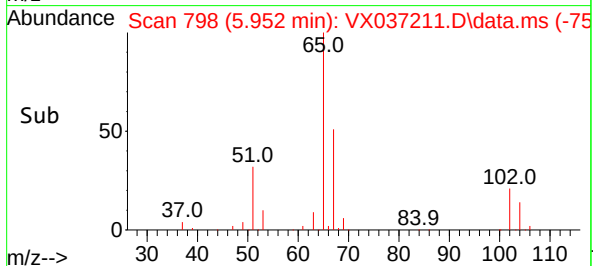
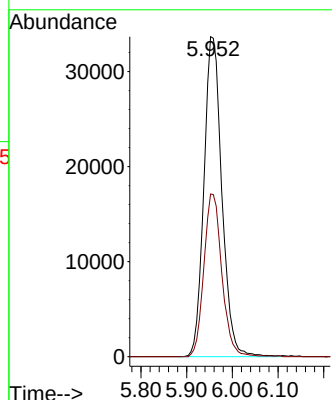
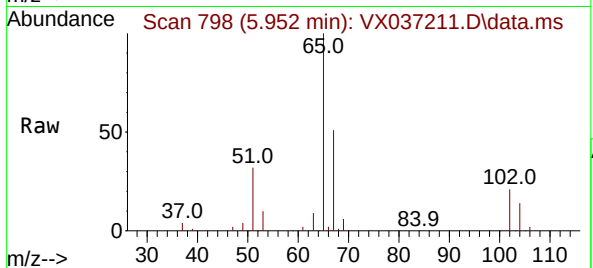
RE125D2-20230816DL

Tgt Ion: 65 Resp: 91946

Ion Ratio Lower Upper

65 100

67 51.0 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: VX037211.D

Acq: 24 Aug 2023 13:04

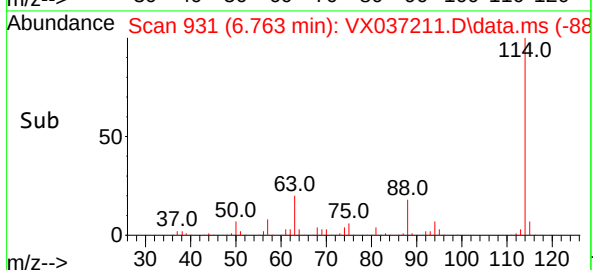
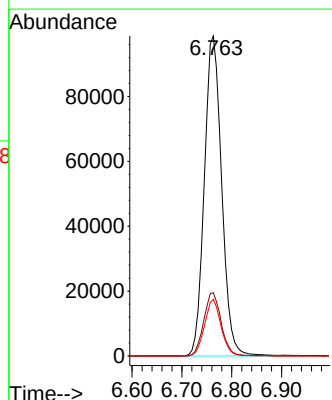
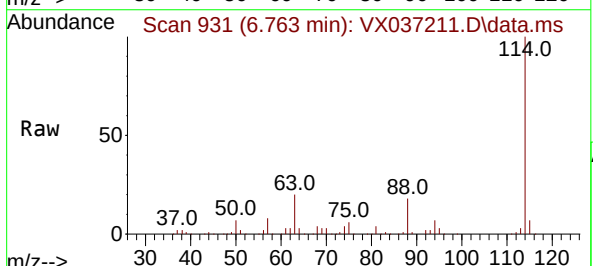
Tgt Ion: 114 Resp: 238450

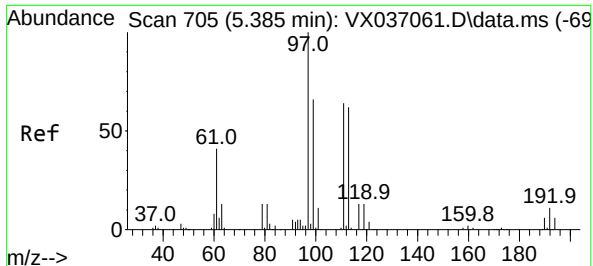
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 17.7 0.0 36.6

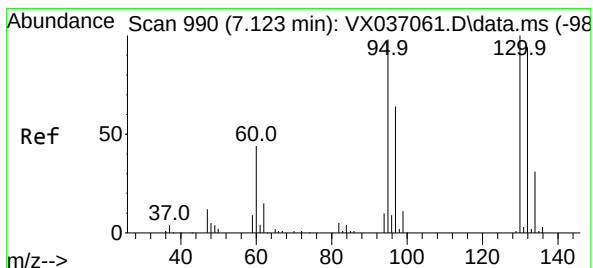
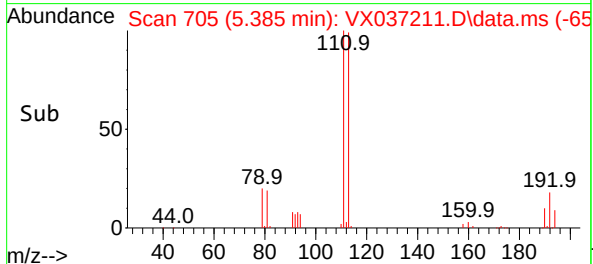
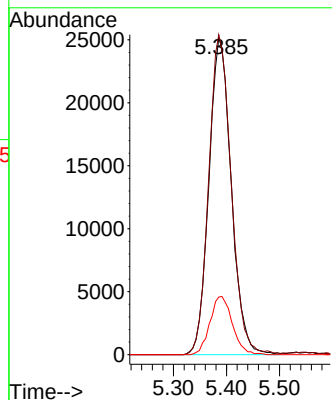
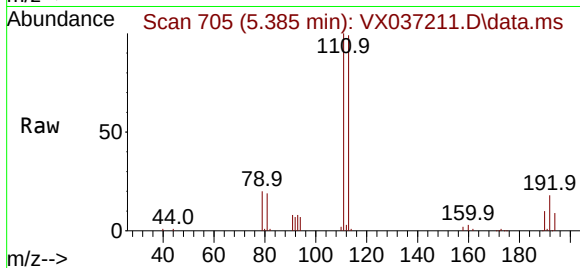




#35
Dibromofluoromethane
Concen: 46.695 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037211.D
Acq: 24 Aug 2023 13:04

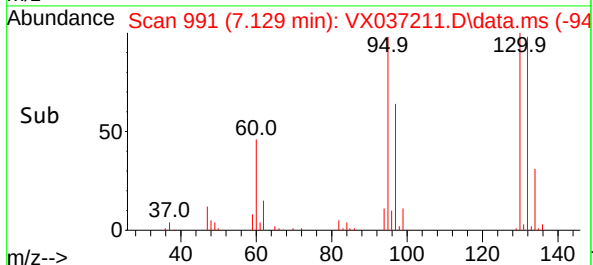
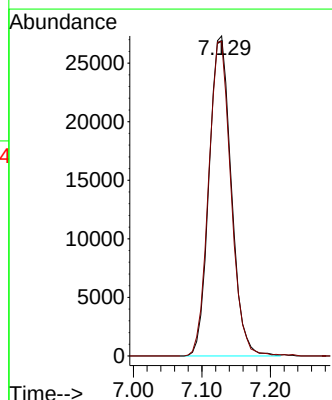
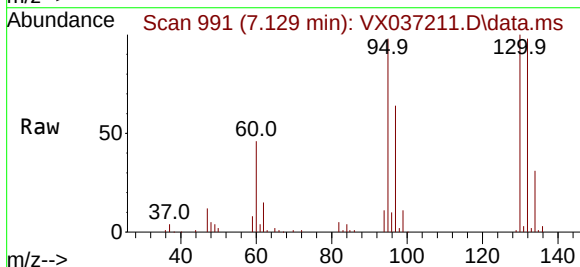
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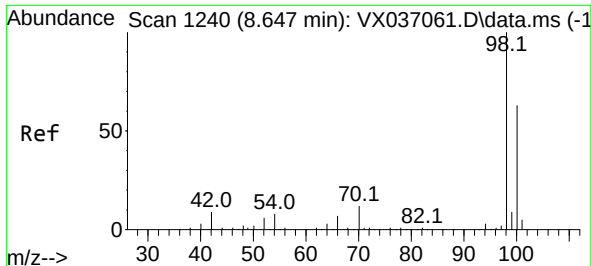
Tgt Ion:113 Resp: 73740
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 18.4 13.3 19.9



#44
Trichloroethene
Concen: 33.595 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037211.D
Acq: 24 Aug 2023 13:04

Tgt Ion:130 Resp: 61298
Ion Ratio Lower Upper
130 100
95 98.3 0.0 204.4

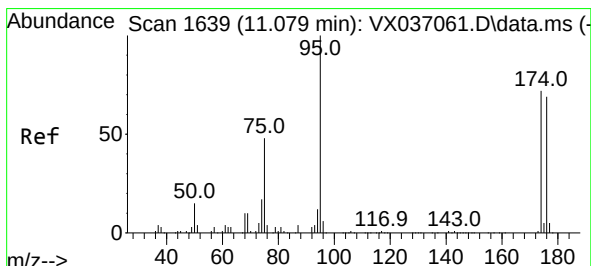
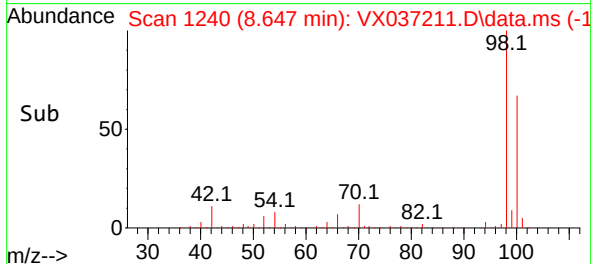
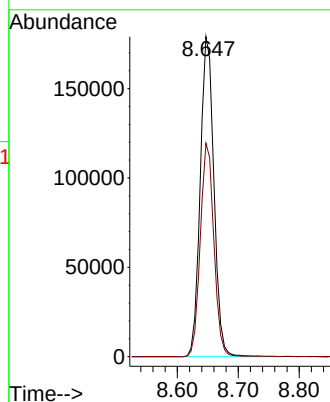
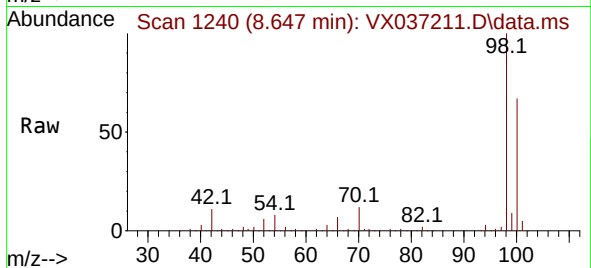




#50
Toluene-d8
Concen: 48.602 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037211.D
Acq: 24 Aug 2023 13:04

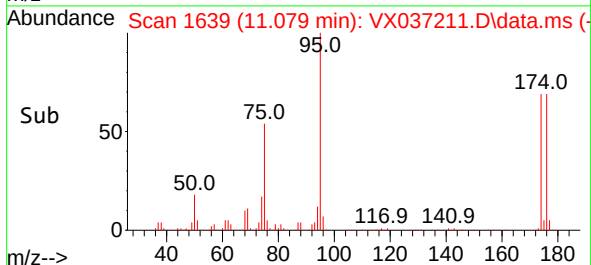
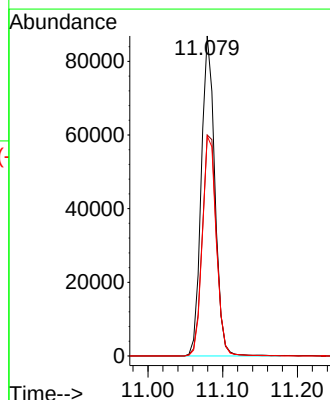
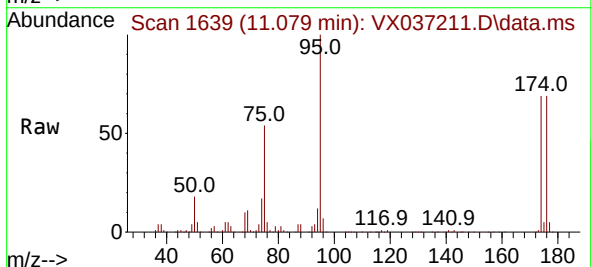
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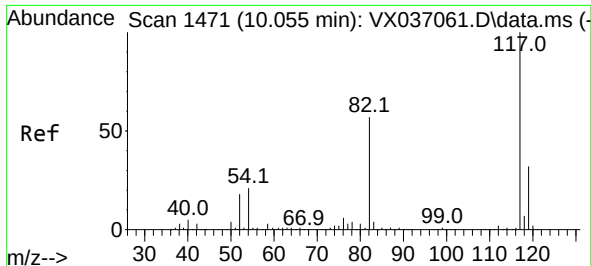
Tgt Ion: 98 Resp: 278407
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037211.D
Acq: 24 Aug 2023 13:04

Tgt Ion: 95 Resp: 109421
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 70.6 0.0 131.0

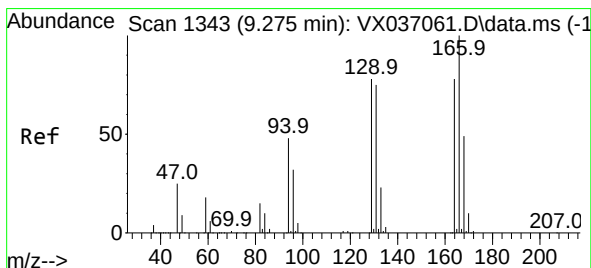
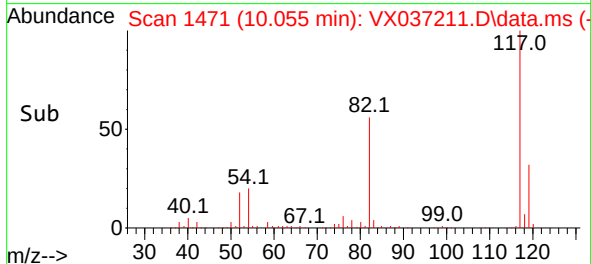
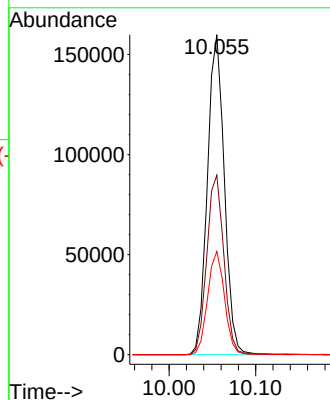
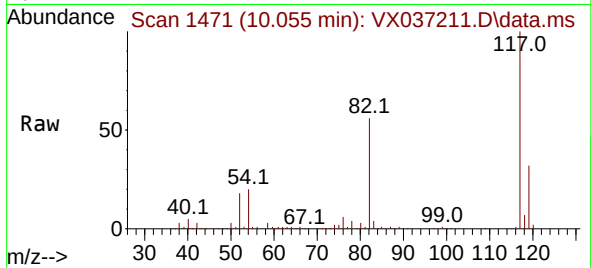




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037211.D
Acq: 24 Aug 2023 13:04

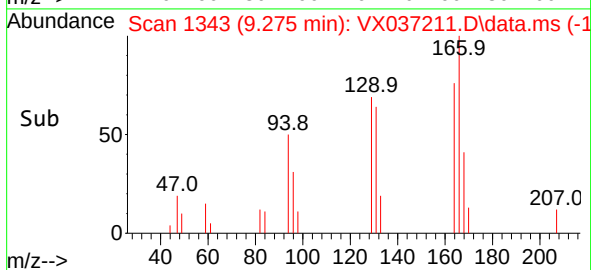
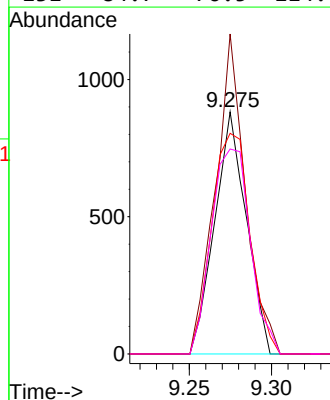
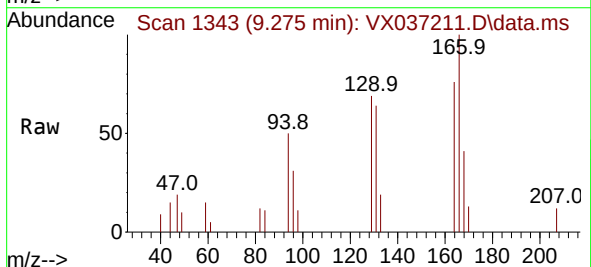
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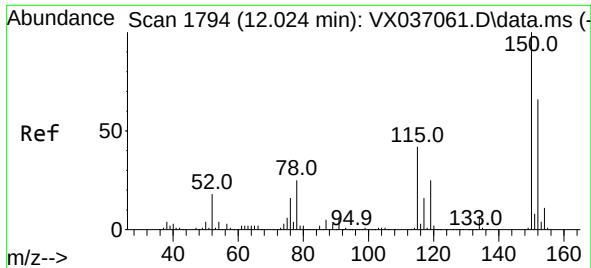
Tgt Ion:117 Resp: 217167
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 0.746 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037211.D
Acq: 24 Aug 2023 13:04

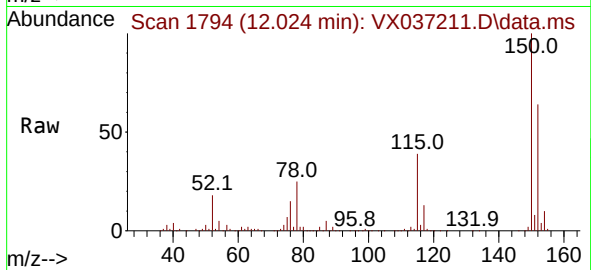
Tgt Ion:164 Resp: 1182
Ion Ratio Lower Upper
164 100
166 132.2 102.7 154.1
129 91.2 80.4 120.6
131 84.7 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037211.D
 Acq: 24 Aug 2023 13:04

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 102610
 Ion Ratio Lower Upper
 152 100
 115 64.0 43.3 129.9
 150 157.8 0.0 345.0

