

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037451.D
 Acq On : 31 Aug 2023 23:33
 Operator : JC/MD
 Sample : 04252-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-04-12-083023

Quant Time: Sep 01 03:19:59 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)

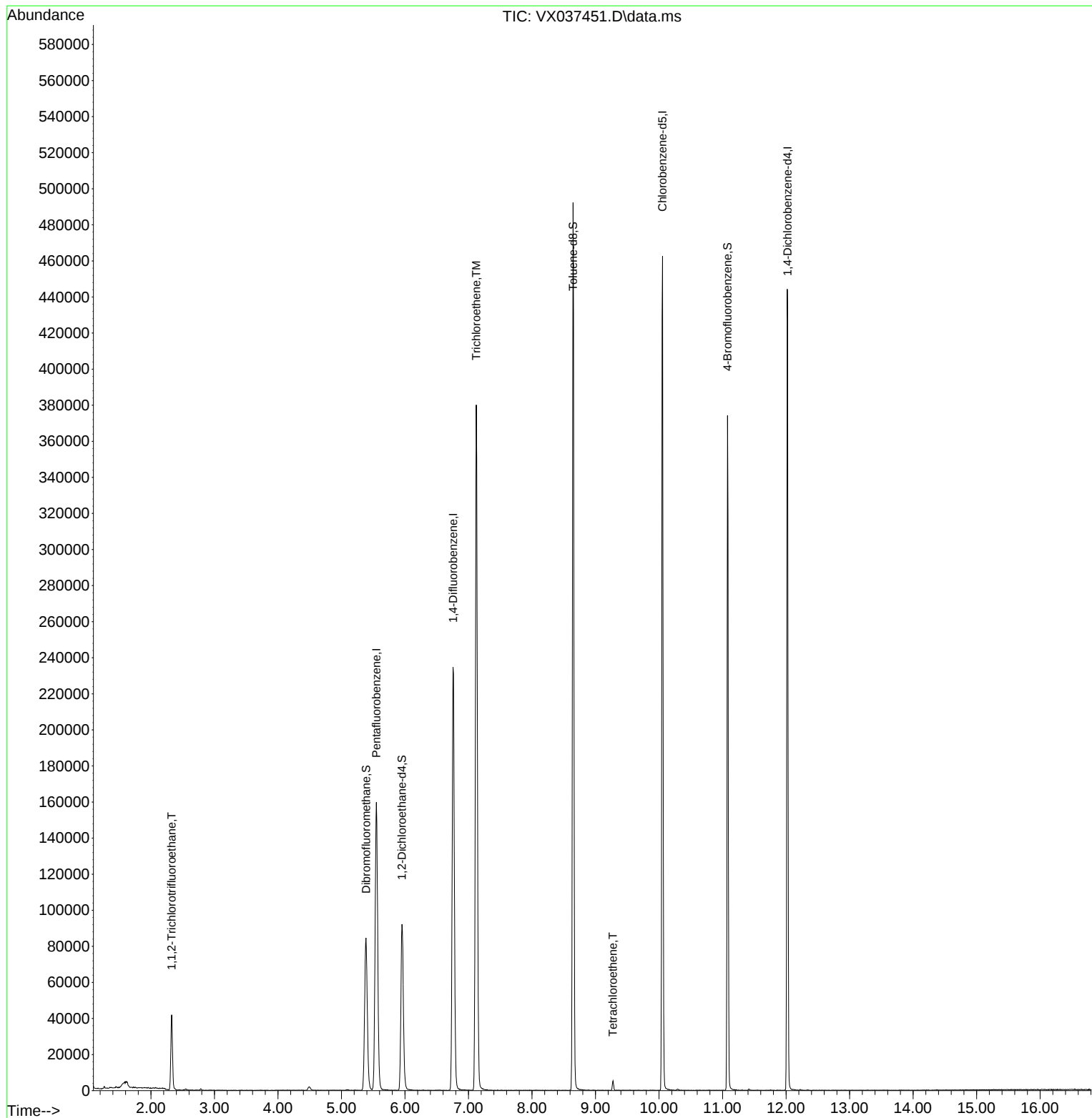
Internal Standards						
1) Pentafluorobenzene	5.550	168	149444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	250902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94176	43.711	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.420%
35) Dibromofluoromethane	5.385	113	76329	45.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.880%
50) Toluene-d8	8.647	98	293913	48.762	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	103293	43.607	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.220%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	16120	10.204	ug/l	96
44) Trichloroethene	7.123	130	152859	79.619	ug/l	95
64) Tetrachloroethene	9.275	164	1058	0.655	ug/l #	86

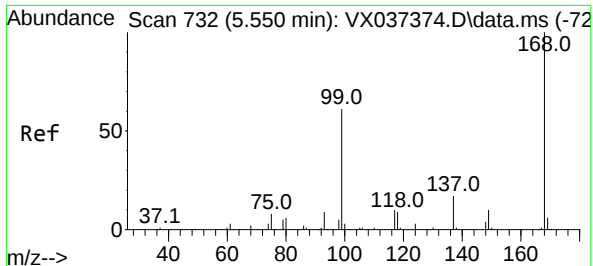
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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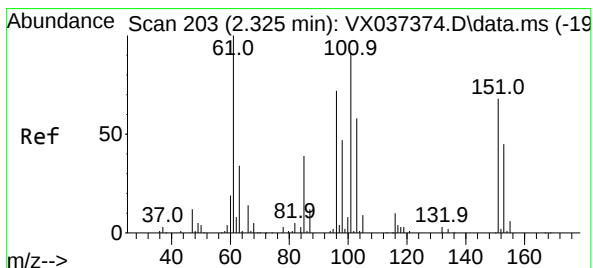
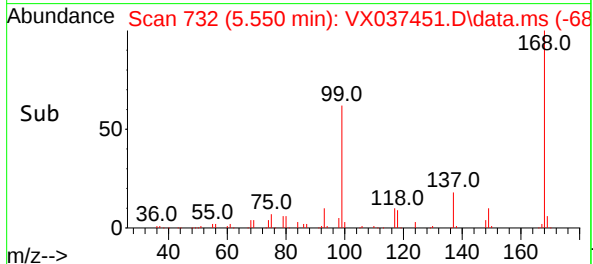
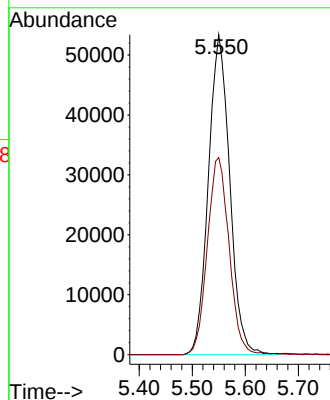
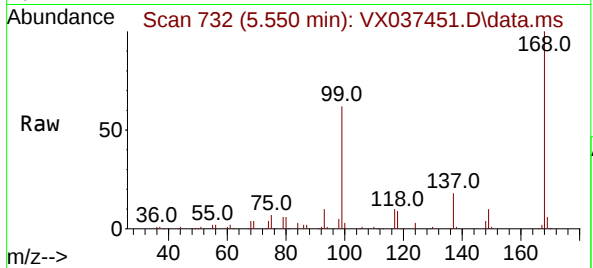




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037451.D
Acq: 31 Aug 2023 23:33

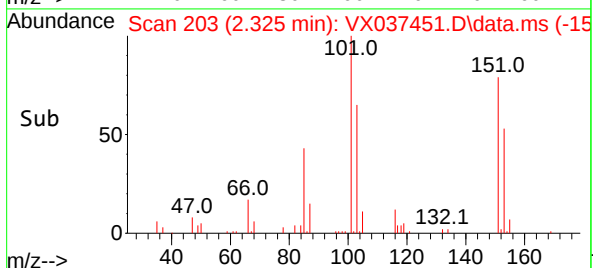
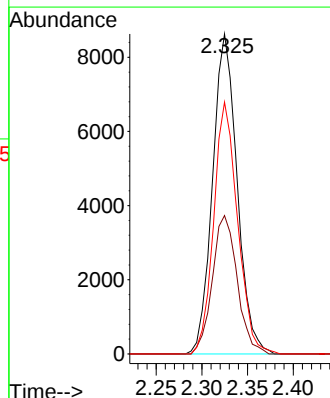
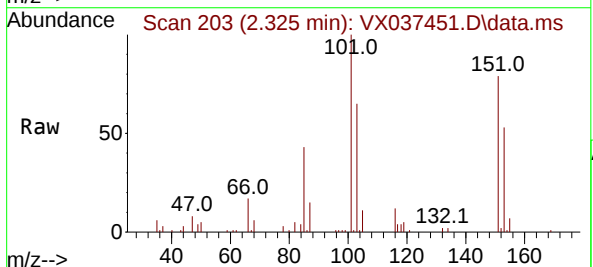
Instrument :
MSVOA_X
ClientSampleId :
MW-04-12-083023

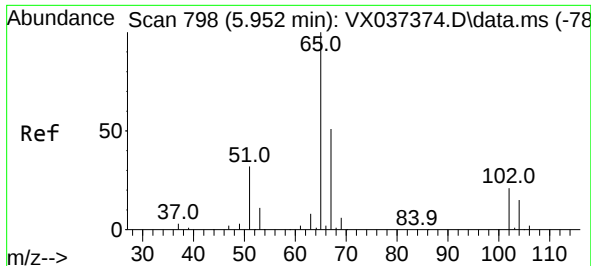
Tgt Ion:168 Resp: 149444
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.204 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037451.D
Acq: 31 Aug 2023 23:33

Tgt Ion:101 Resp: 16120
Ion Ratio Lower Upper
101 100
85 43.8 37.0 55.6
151 76.6 58.6 87.8





#33

1,2-Dichloroethane-d4

Concen: 43.711 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037451.D

Acq: 31 Aug 2023 23:33

Instrument :

MSVOA_X

ClientSampleId :

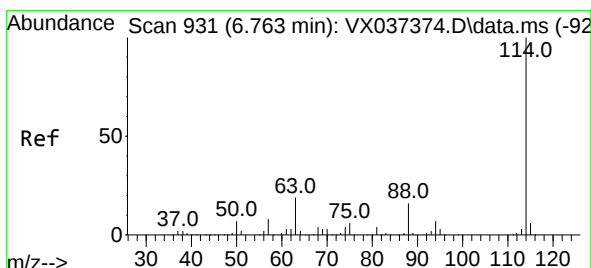
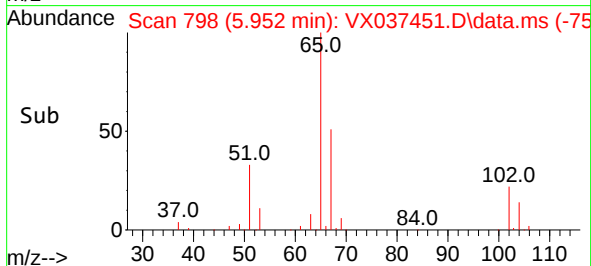
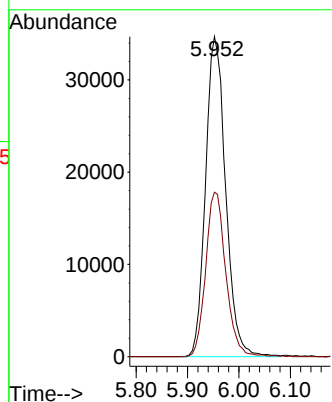
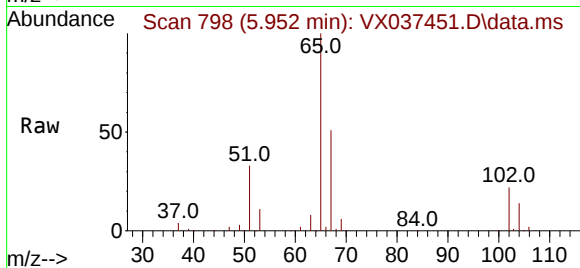
MW-04-12-083023

Tgt Ion: 65 Resp: 94176

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037451.D

Acq: 31 Aug 2023 23:33

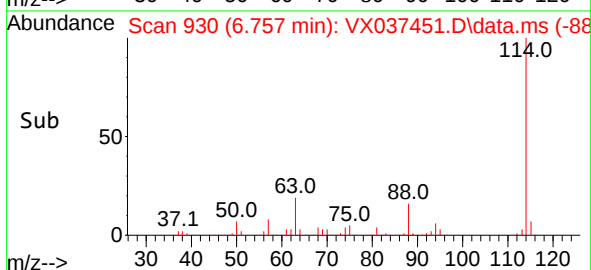
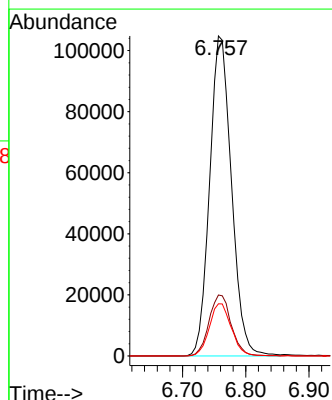
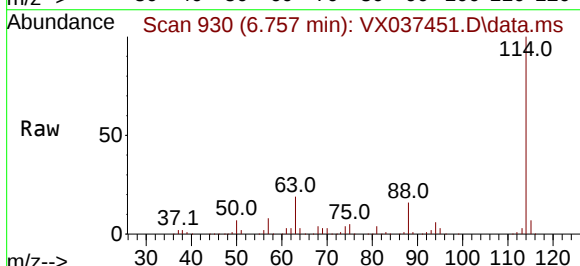
Tgt Ion: 114 Resp: 250902

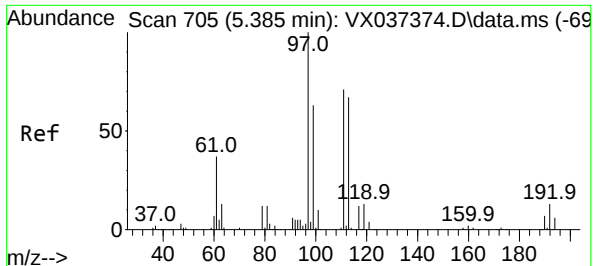
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.935 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037451.D

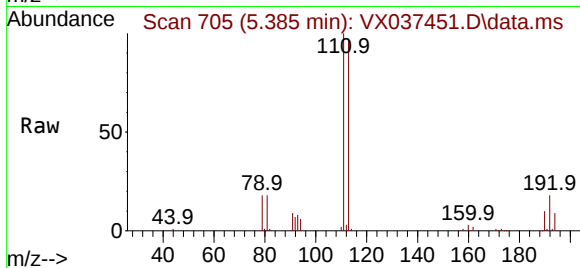
Acq: 31 Aug 2023 23:33

Instrument :

MSVOA_X

ClientSampleId :

MW-04-12-083023



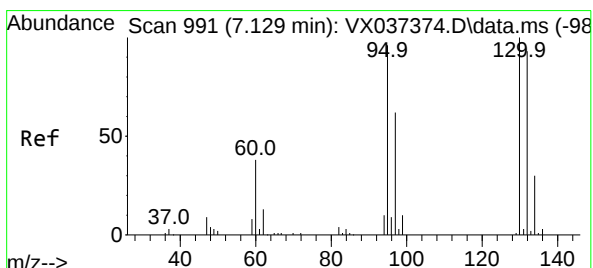
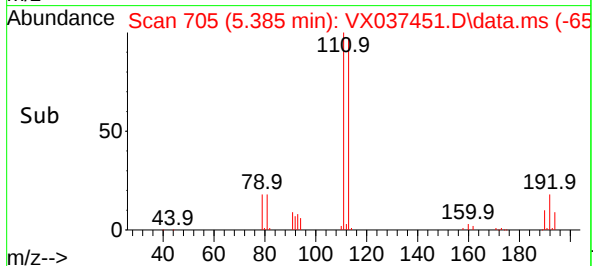
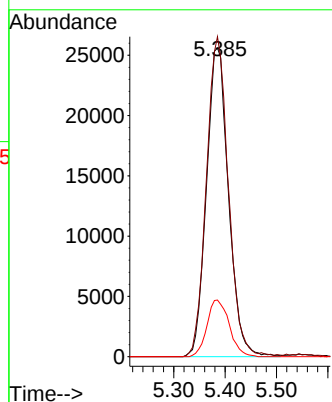
Tgt Ion:113 Resp: 76329

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 18.5 13.3 19.9



#44

Trichloroethene

Concen: 79.619 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037451.D

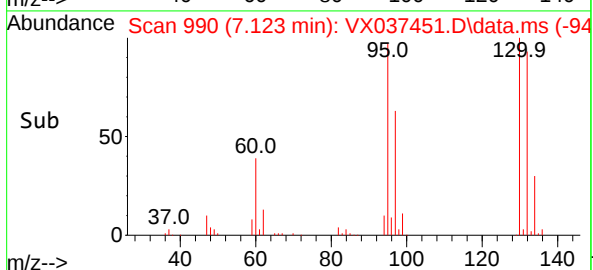
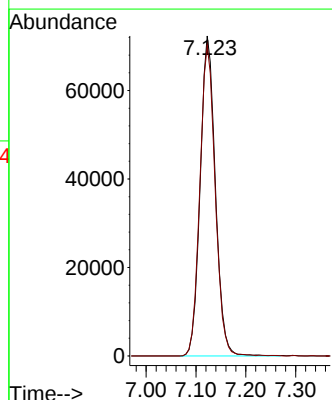
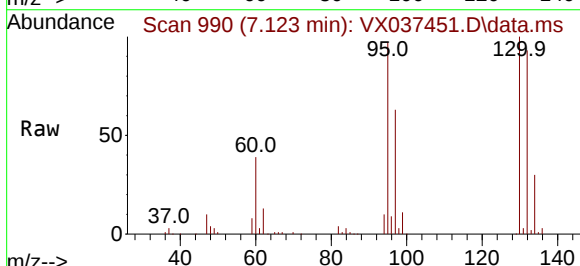
Acq: 31 Aug 2023 23:33

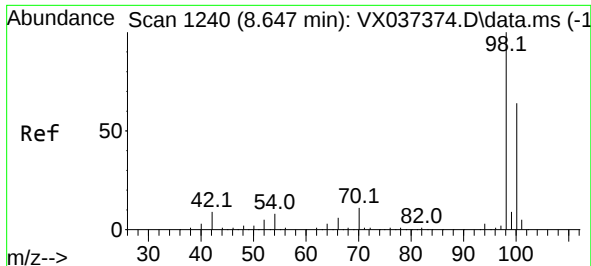
Tgt Ion:130 Resp: 152859

Ion Ratio Lower Upper

130 100

95 97.1 0.0 204.4

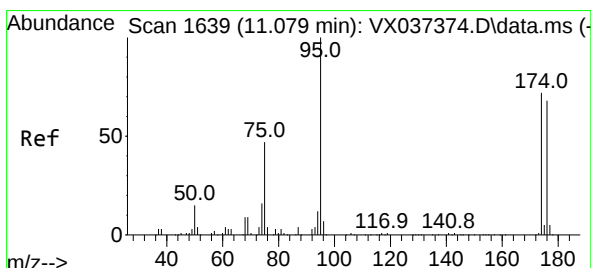
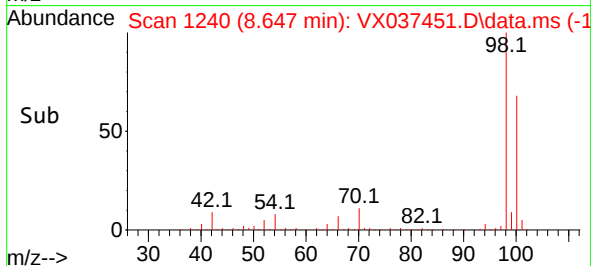
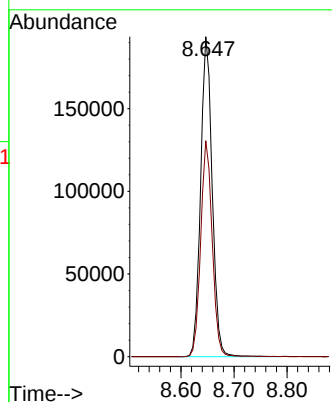
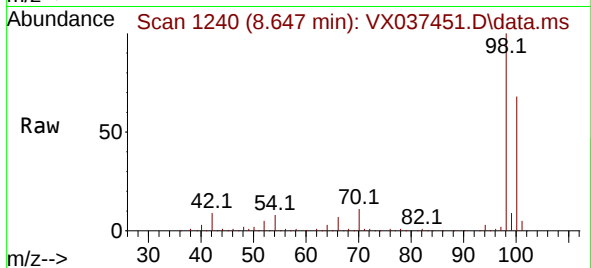




#50
Toluene-d8
Concen: 48.762 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037451.D
Acq: 31 Aug 2023 23:33

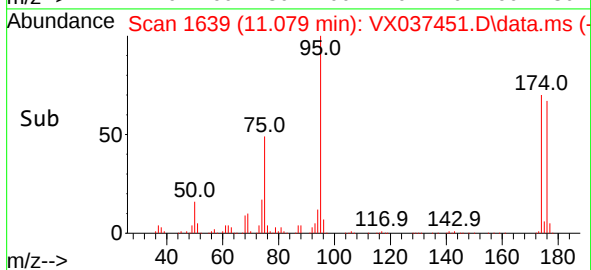
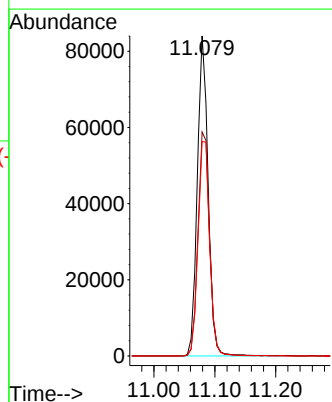
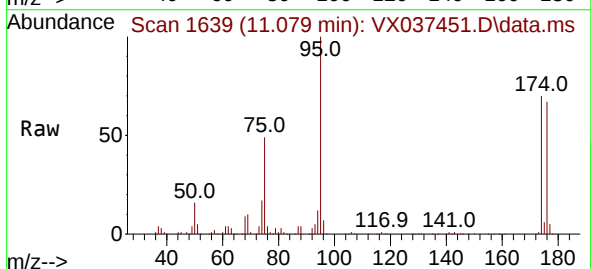
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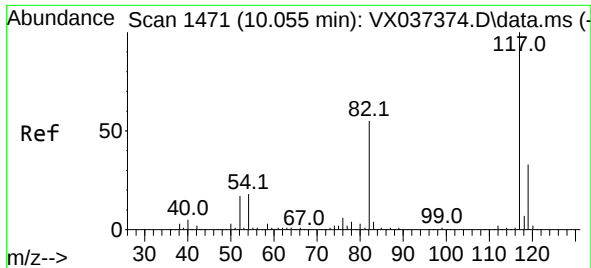
Tgt Ion: 98 Resp: 293913
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037451.D
Acq: 31 Aug 2023 23:33

Tgt Ion: 95 Resp: 103293
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 72.0 0.0 131.0

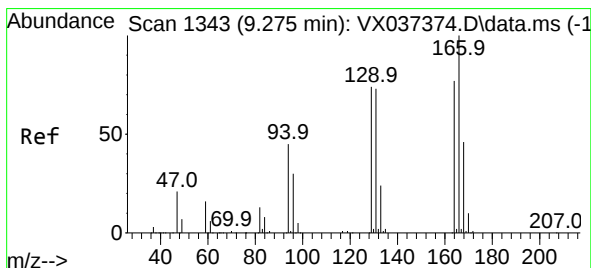
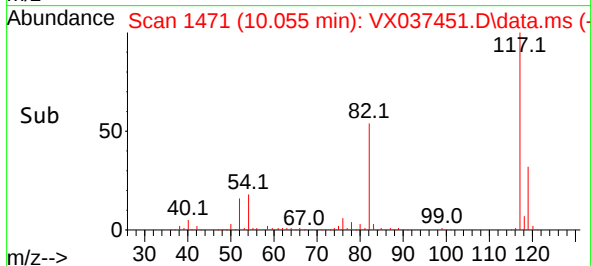
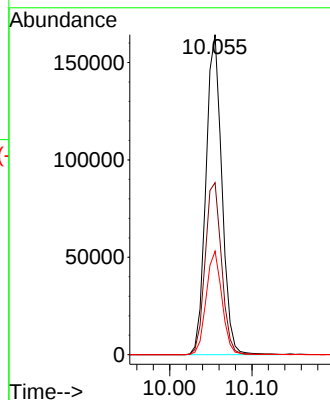
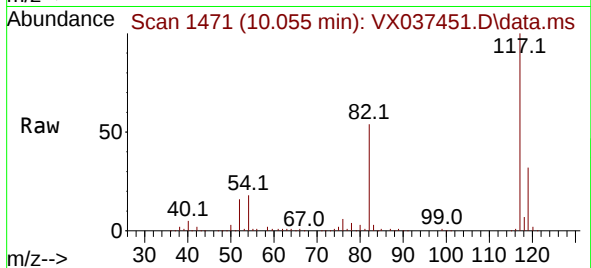




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037451.D
Acq: 31 Aug 2023 23:33

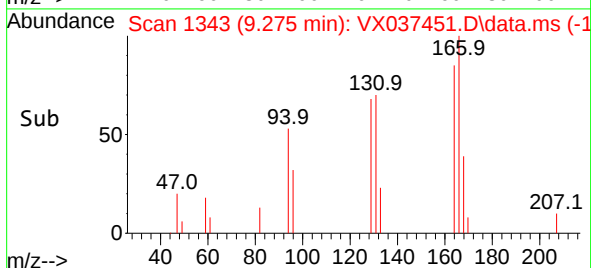
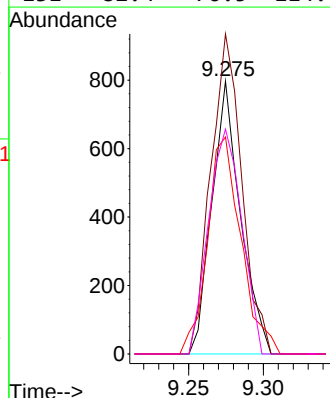
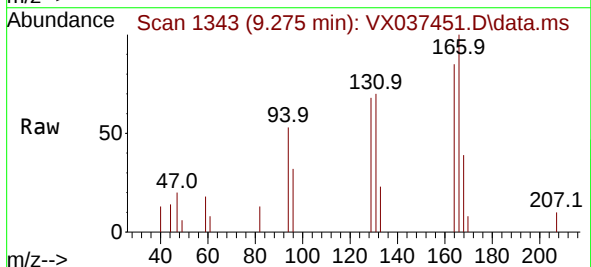
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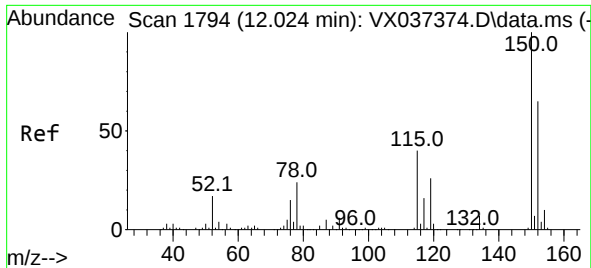
Tgt Ion:117 Resp: 221537
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 0.655 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037451.D
Acq: 31 Aug 2023 23:33

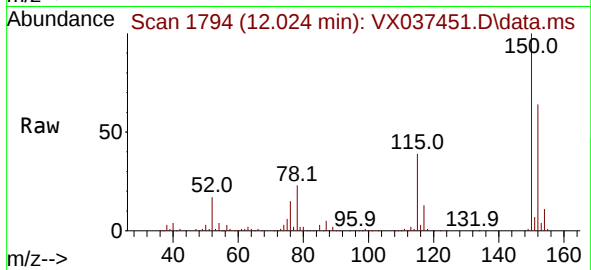
Tgt Ion:164 Resp: 1058
Ion Ratio Lower Upper
164 100
166 117.3 102.7 154.1
129 79.5 80.4 120.6#
131 82.4 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037451.D
 Acq: 31 Aug 2023 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 96384
 Ion Ratio Lower Upper
 152 100
 115 63.1 43.3 129.9
 150 156.6 0.0 345.0

