

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037028.D
 Acq On : 16 Aug 2023 19:24
 Operator : JC/MD
 Sample : 04024-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20230815

Quant Time: Aug 17 04:19:22 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)

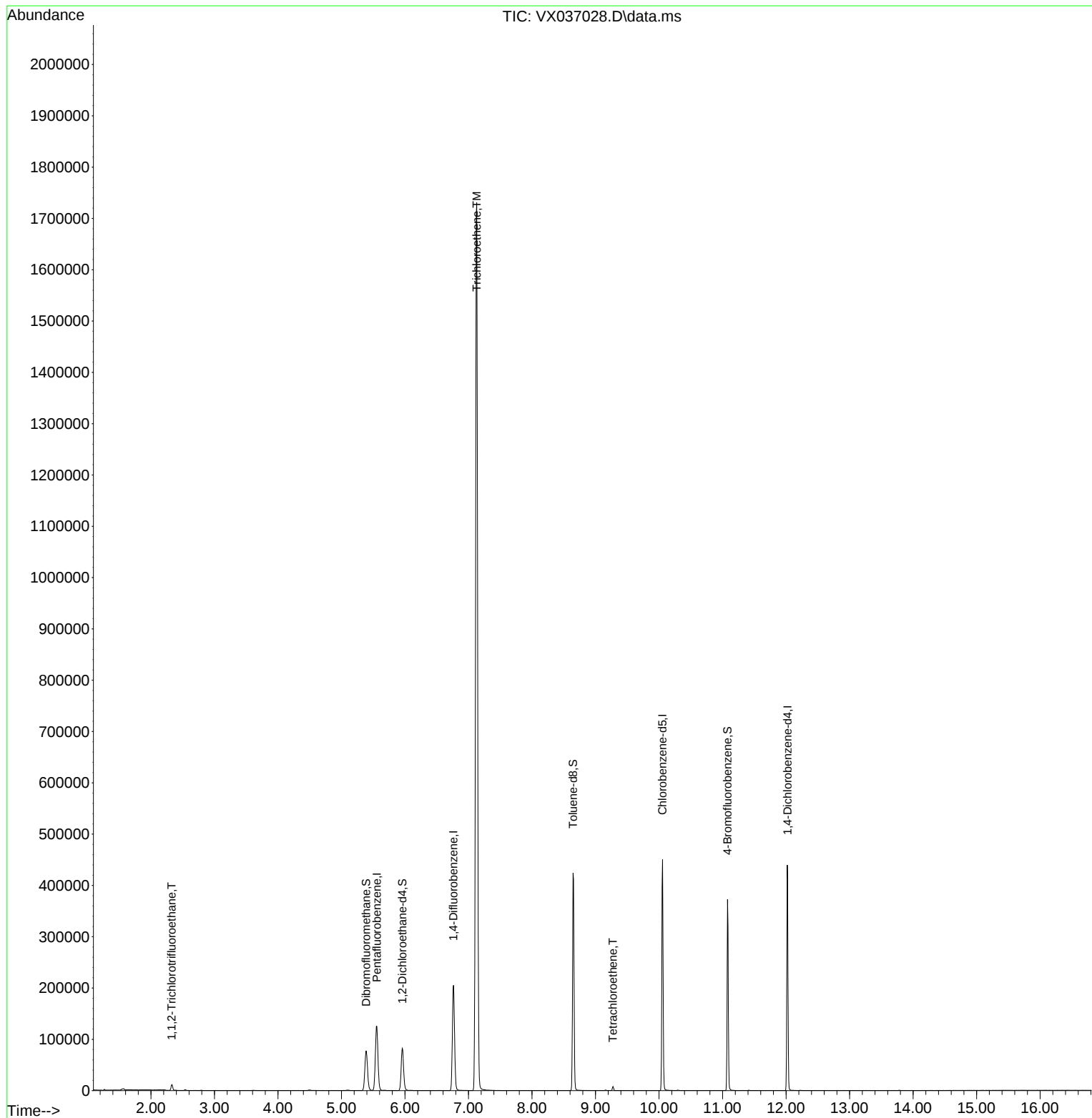
Internal Standards						
1) Pentafluorobenzene	5.556	168	115219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213864	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83435	48.940	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.880%
35) Dibromofluoromethane	5.385	113	68479	46.585	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.647	98	257362	49.370	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.740%
62) 4-Bromofluorobenzene	11.079	95	101526	51.622	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.240%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	4244	3.245	ug/l	97
44) Trichloroethene	7.129	130	685827	411.600	ug/l	98
64) Tetrachloroethene	9.275	164	1439	0.947	ug/l	89

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

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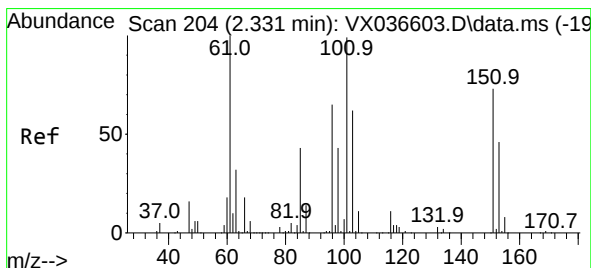
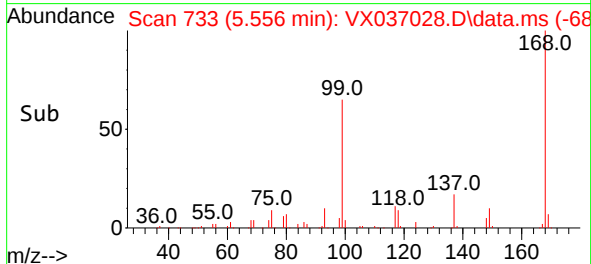
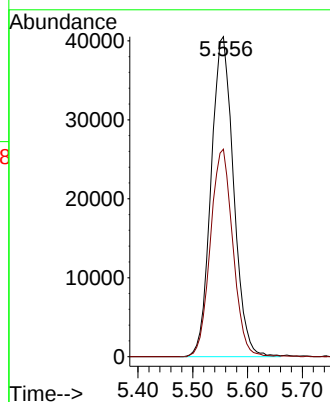
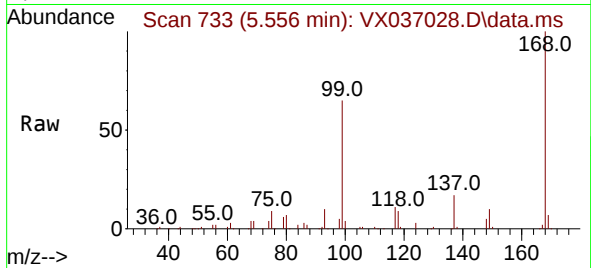




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037028.D
Acq: 16 Aug 2023 19:24

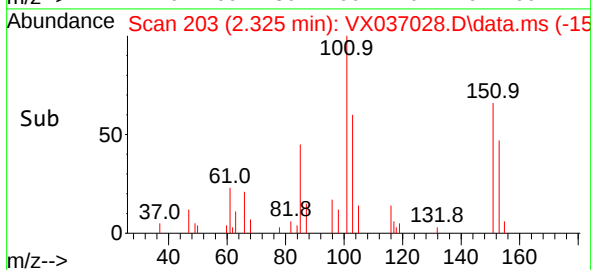
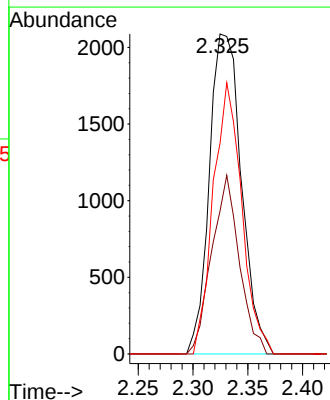
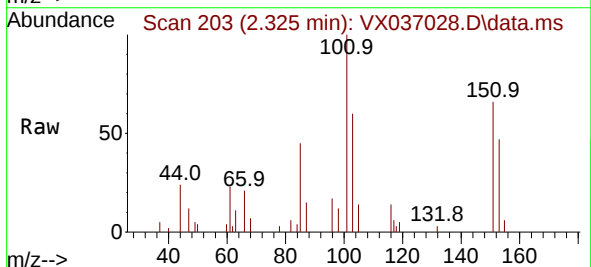
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20230815

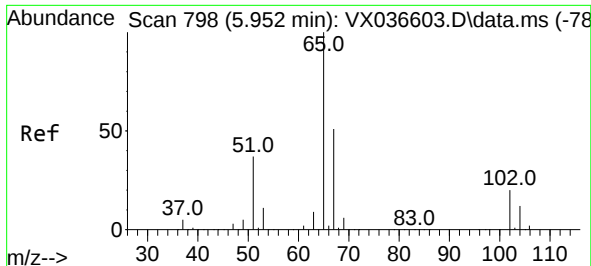
Tgt Ion:168 Resp: 115219
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.245 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX037028.D
Acq: 16 Aug 2023 19:24

Tgt Ion:101 Resp: 4244
Ion Ratio Lower Upper
101 100
85 48.2 37.0 55.6
151 75.5 58.6 87.8





#33

1,2-Dichloroethane-d4

Concen: 48.940 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX037028.D

Acq: 16 Aug 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

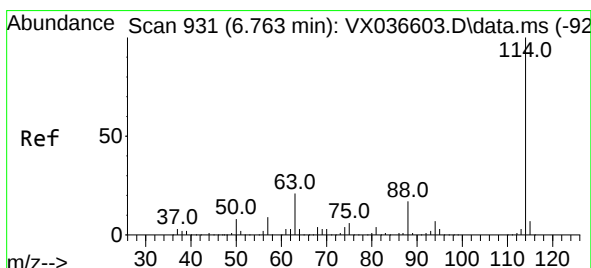
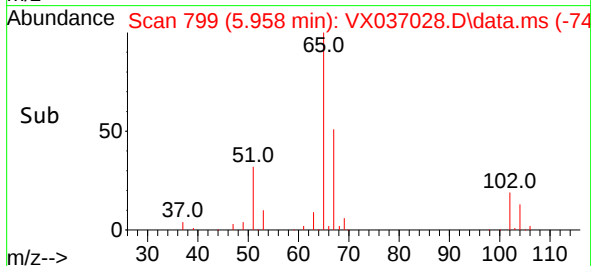
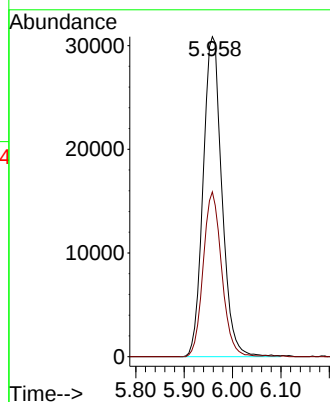
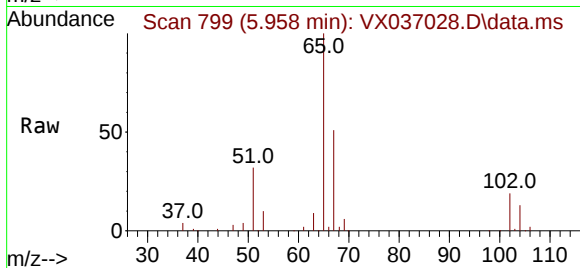
RE103D2-20230815

Tgt Ion: 65 Resp: 83435

Ion Ratio Lower Upper

65 100

67 50.6 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: VX037028.D

Acq: 16 Aug 2023 19:24

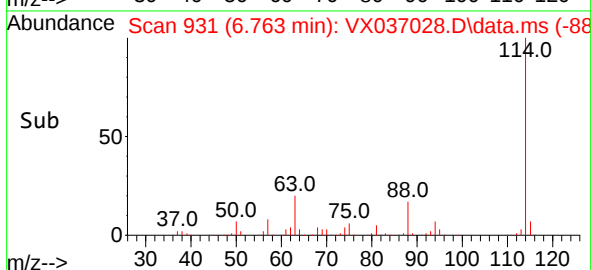
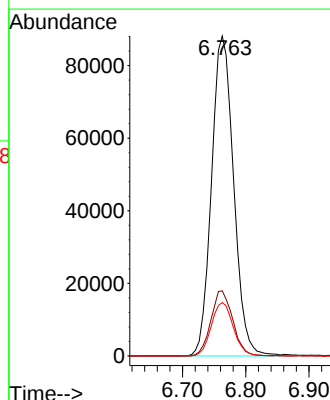
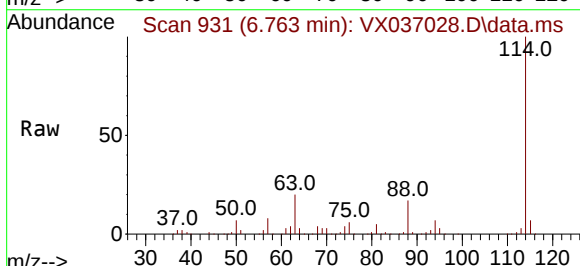
Tgt Ion: 114 Resp: 213864

Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.585 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037028.D

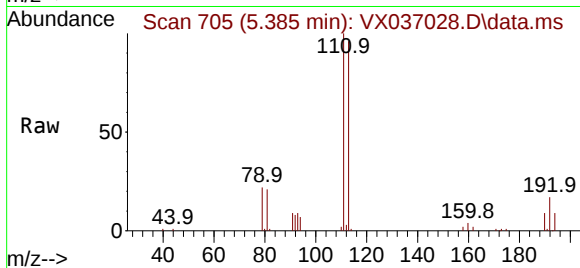
Acq: 16 Aug 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

RE103D2-20230815



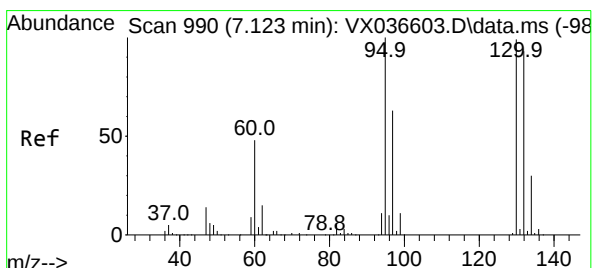
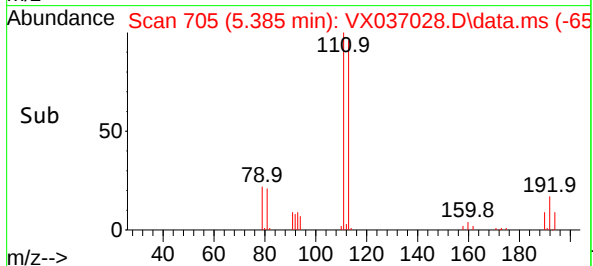
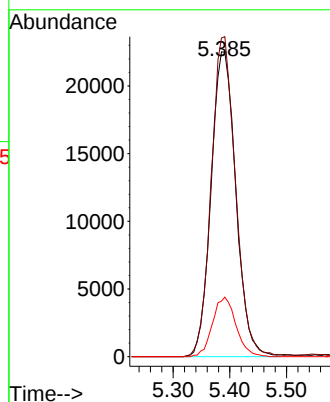
Tgt Ion:113 Resp: 68479

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 18.5 13.3 19.9



#44

Trichloroethene

Concen: 411.600 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037028.D

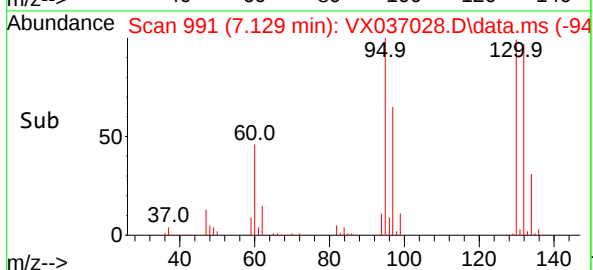
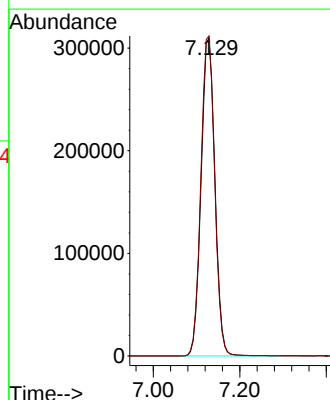
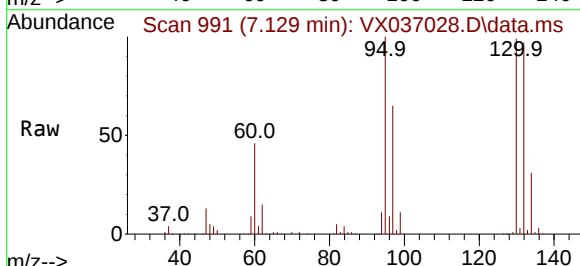
Acq: 16 Aug 2023 19:24

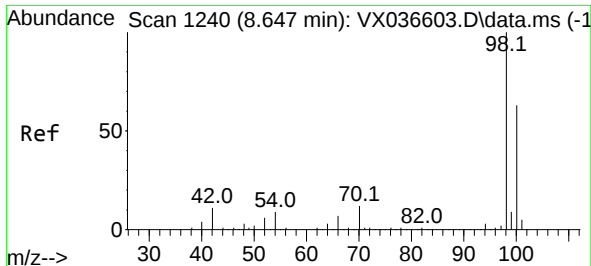
Tgt Ion:130 Resp: 685827

Ion Ratio Lower Upper

130 100

95 100.7 0.0 204.4

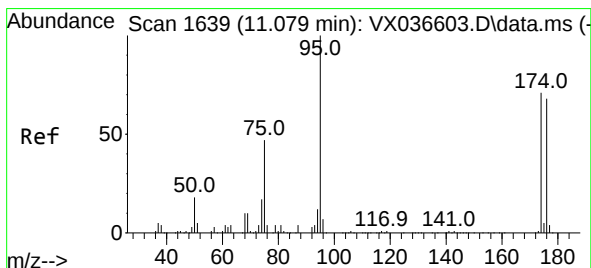
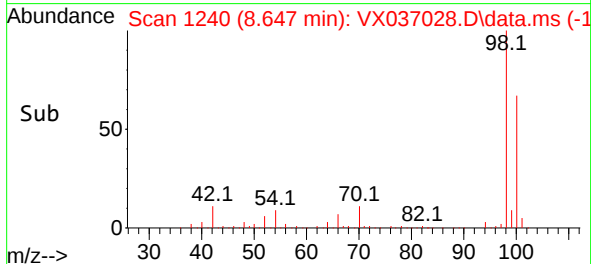
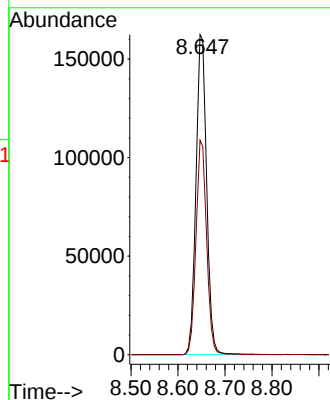
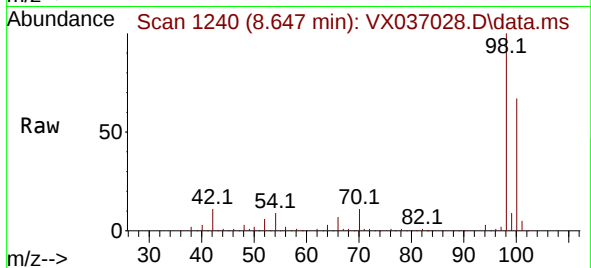




#50
Toluene-d8
Concen: 49.370 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037028.D
Acq: 16 Aug 2023 19:24

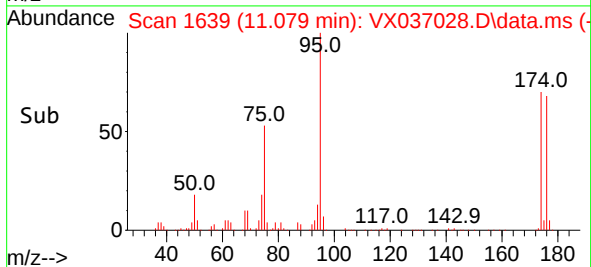
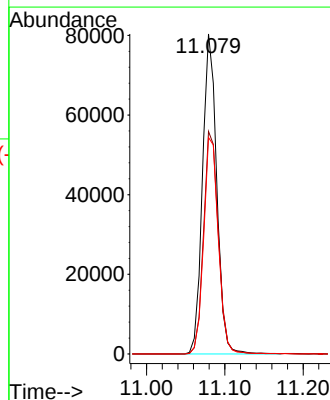
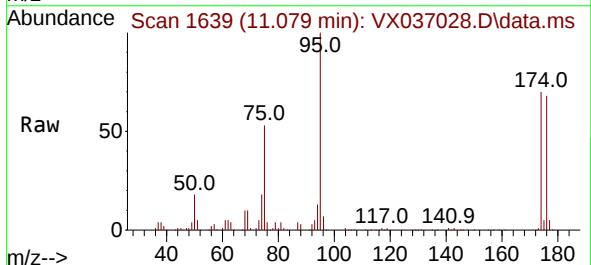
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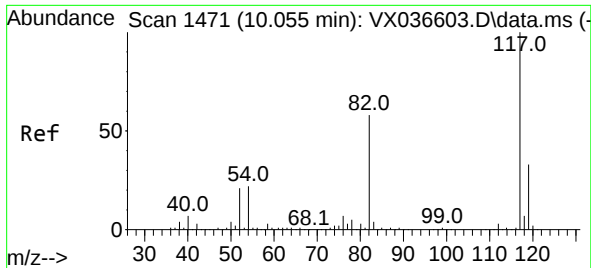
Tgt Ion: 98 Resp: 257362
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037028.D
Acq: 16 Aug 2023 19:24

Tgt Ion: 95 Resp: 101526
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 69.5 0.0 131.0

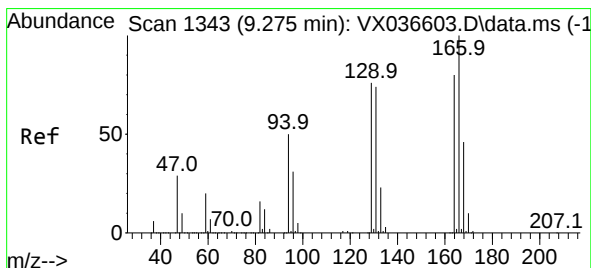
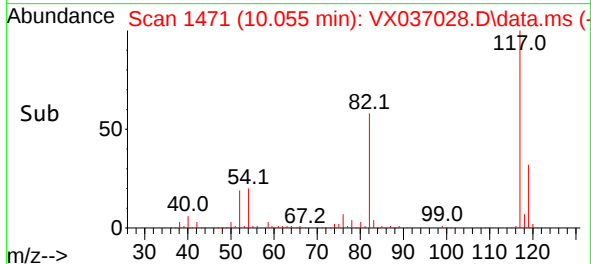
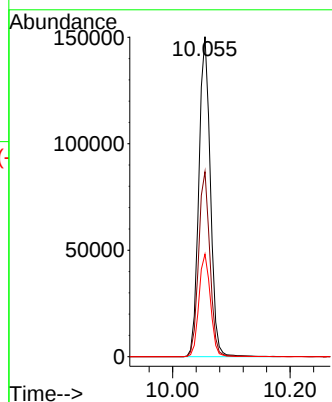
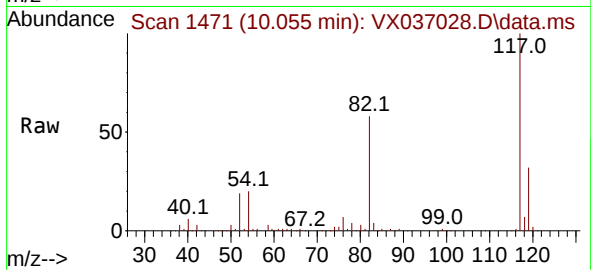




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037028.D
Acq: 16 Aug 2023 19:24

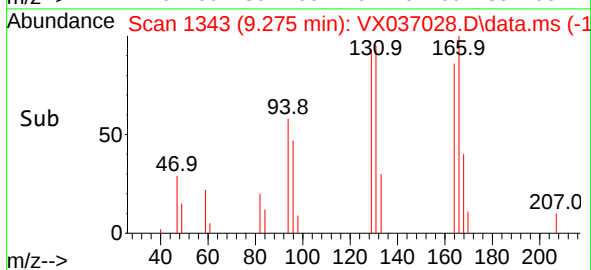
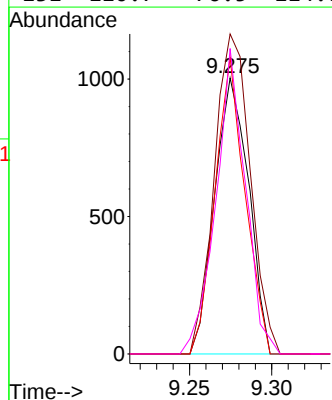
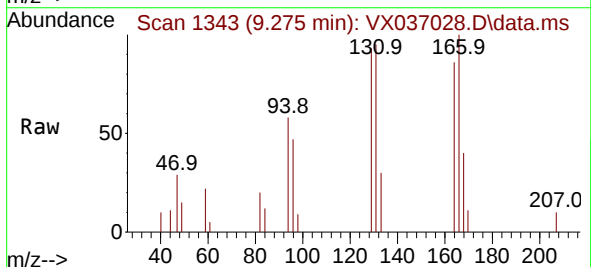
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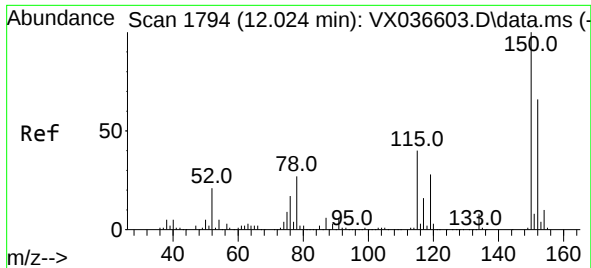
Tgt Ion:117 Resp: 203800
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 0.947 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037028.D
Acq: 16 Aug 2023 19:24

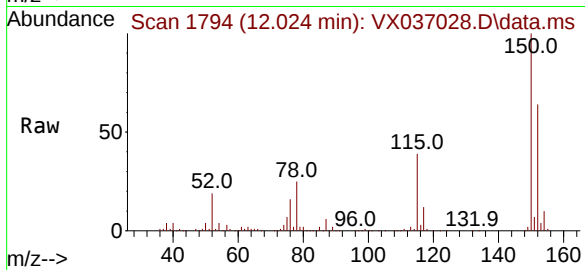
Tgt Ion:164 Resp: 1439
Ion Ratio Lower Upper
164 100
166 115.9 102.7 154.1
129 107.5 80.4 120.6
131 110.7 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037028.D
 Acq: 16 Aug 2023 19:24

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20230815



Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	43.3	129.9
150	158.8	0.0	345.0

