

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037110.D
 Acq On : 19 Aug 2023 05:37
 Operator : JC/MD
 Sample : 04024-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE137-20230815

Quant Time: Aug 21 01:41:54 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)

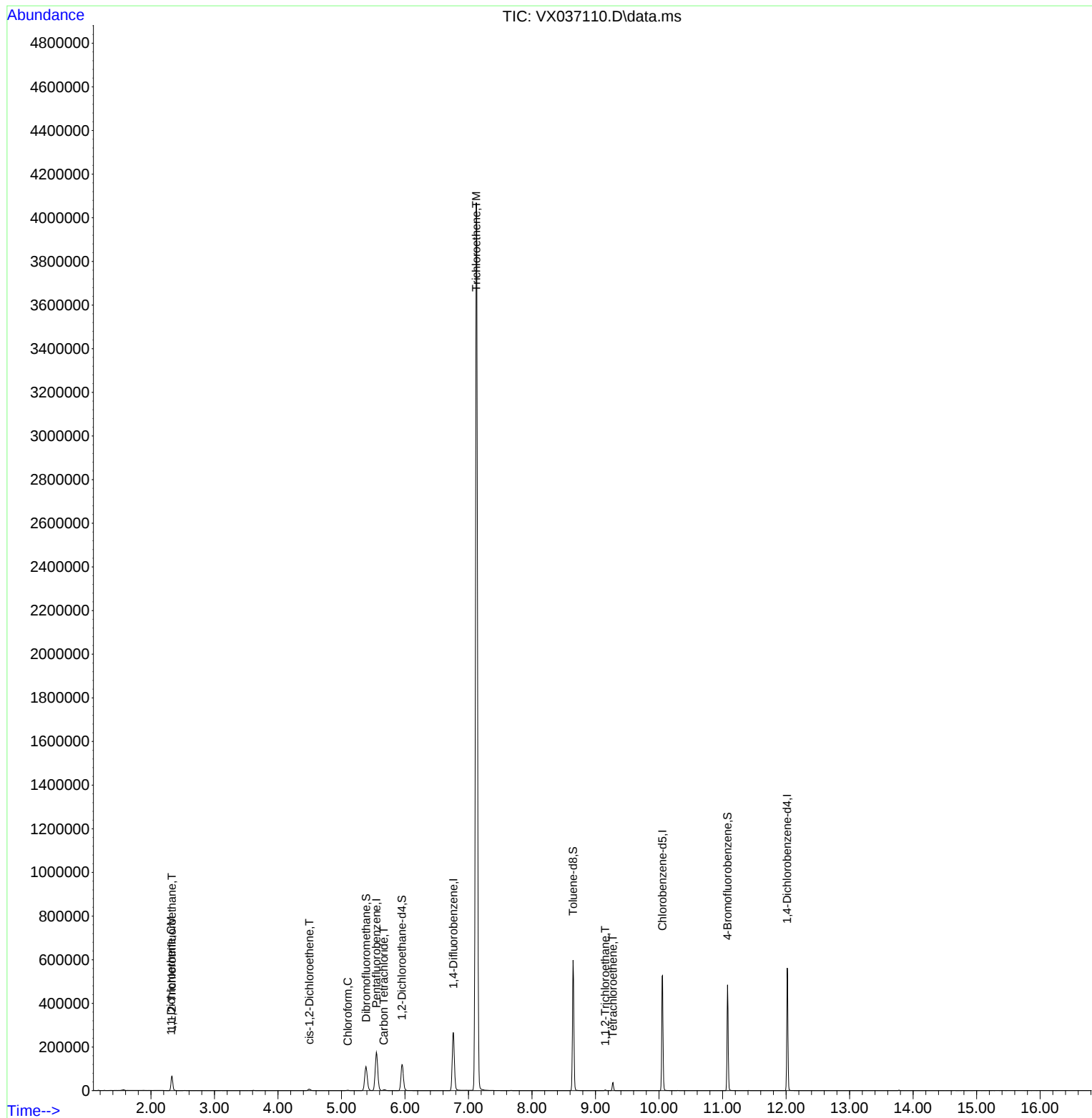
Internal Standards						
1) Pentafluorobenzene	5.550	168	160465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	280072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122950	53.147	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.300%		
35) Dibromofluoromethane	5.385	113	95934	51.721	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.440%		
50) Toluene-d8	8.647	98	351668	52.267	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.540%		
62) 4-Bromofluorobenzene	11.079	95	131404	49.697	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.400%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	22761	13.418	ug/l	96
12) 1,1-Dichloroethene	2.319	96	5659	3.426	ug/l	86
27) cis-1,2-Dichloroethene	4.495	96	4745	2.143	ug/l	77
30) Chloroform	5.099	83	2595	0.703	ug/l	90
38) Carbon Tetrachloride	5.666	117	3965	1.385	ug/l #	78
44) Trichloroethene	7.123	130	1602414	747.717	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	1028	0.506	ug/l	95
64) Tetrachloroethene	9.275	164	7008	3.872	ug/l	94

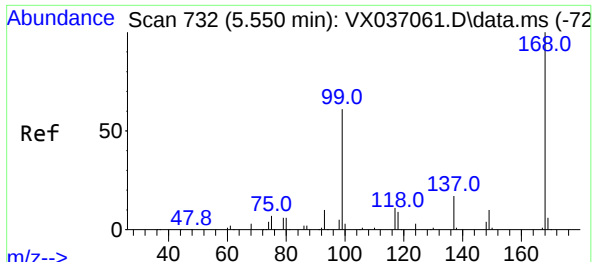
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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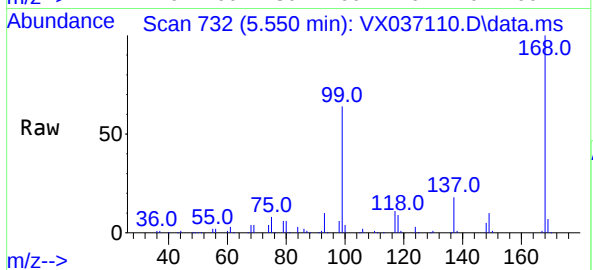
Quant Time: Aug 21 01:41:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



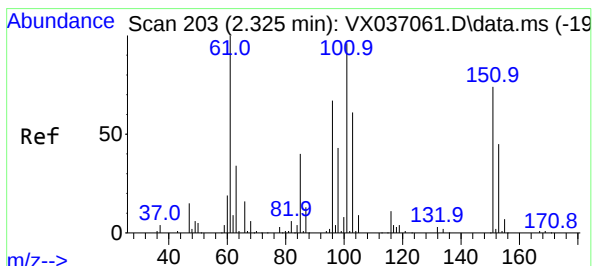
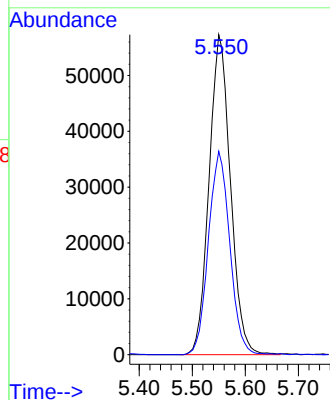
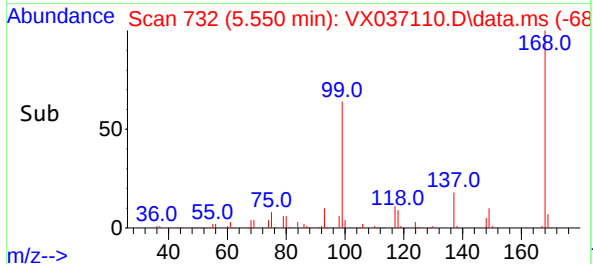


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

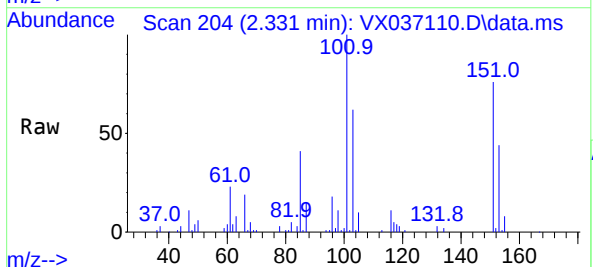
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MSVOA_X
ClientSampleId :
RE137-20230815



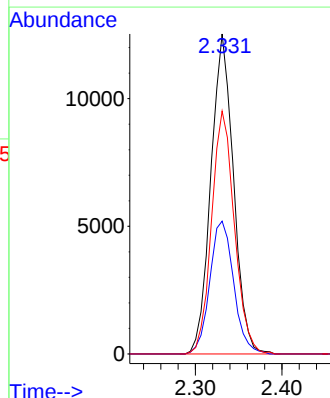
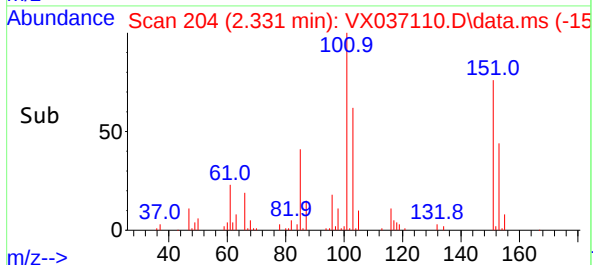
Tgt Ion:168 Resp: 160465
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0

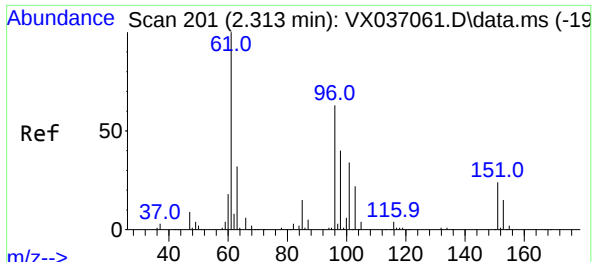


#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.418 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37



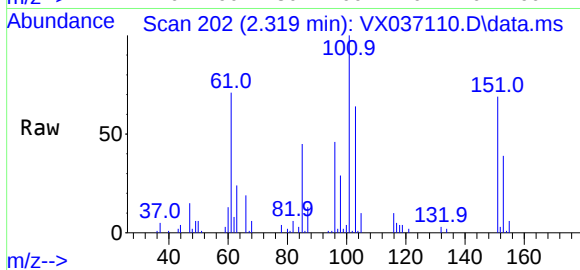
Tgt Ion:101 Resp: 22761
Ion Ratio Lower Upper
101 100
85 43.8 37.0 55.6
151 76.6 58.6 87.8



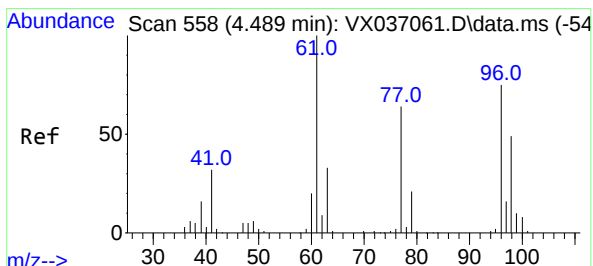
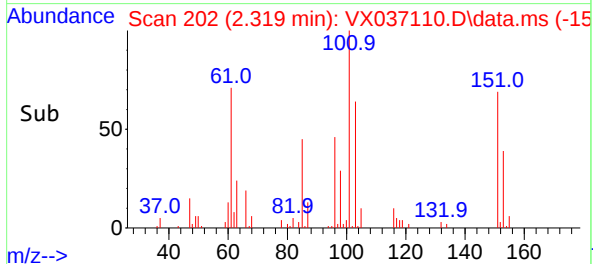
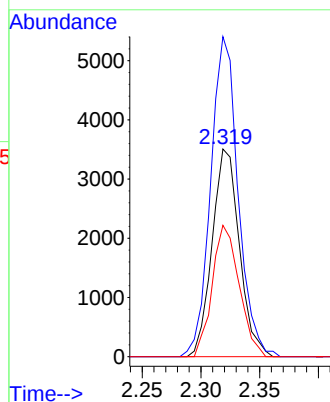


#12
1,1-Dichloroethene
Concen: 3.426 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Instrument :
MSVOA_X
ClientSampleId :
RE137-20230815

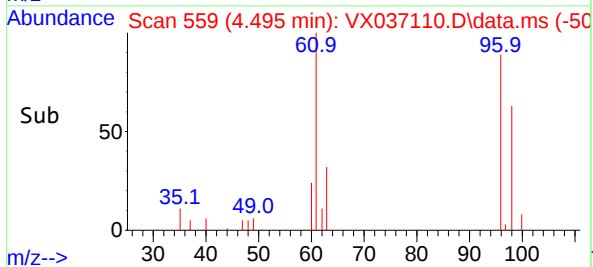
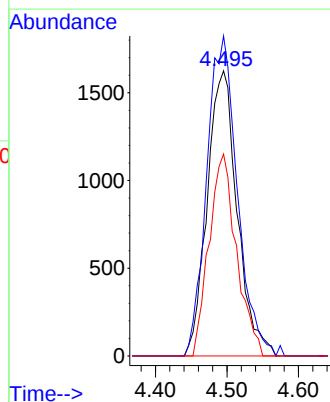
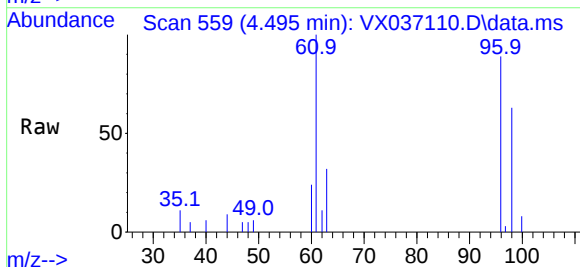


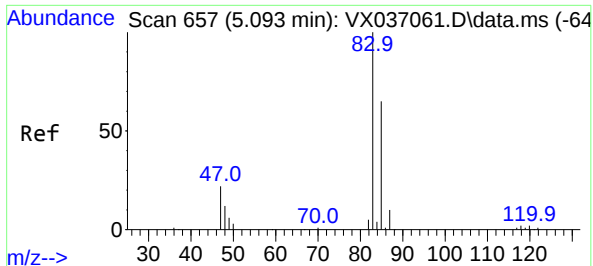
Tgt Ion: 96 Resp: 5659
Ion Ratio Lower Upper
96 100
61 154.0 144.6 216.8
98 63.3 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 2.143 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion: 96 Resp: 4745
Ion Ratio Lower Upper
96 100
61 114.4 0.0 312.2
98 64.4 0.0 129.0





#30

Chloroform

Concen: 0.703 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX037110.D

Acq: 19 Aug 2023 05:37

Instrument :

MSVOA_X

ClientSampleId :

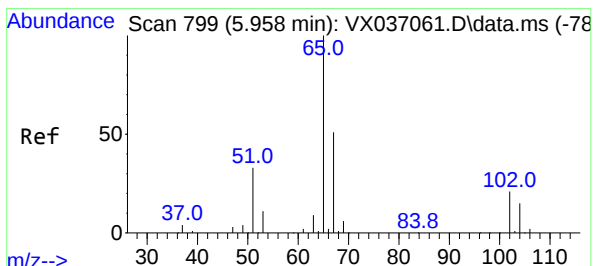
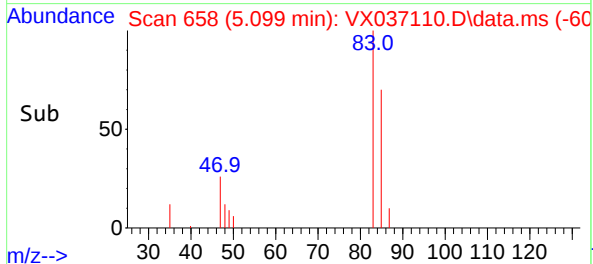
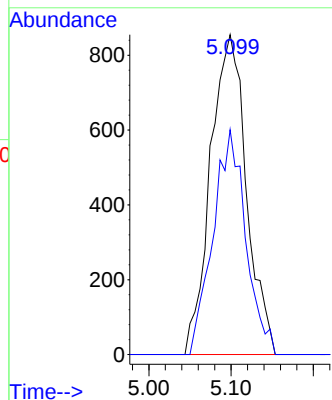
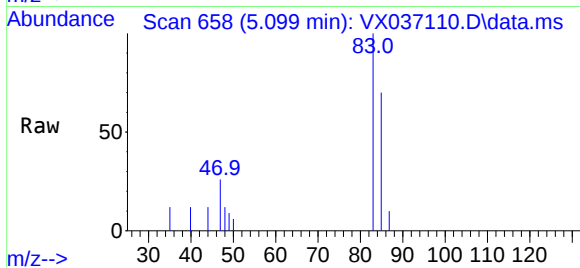
RE137-20230815

Tgt Ion: 83 Resp: 2595

Ion Ratio Lower Upper

83 100

85 70.3 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 53.147 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037110.D

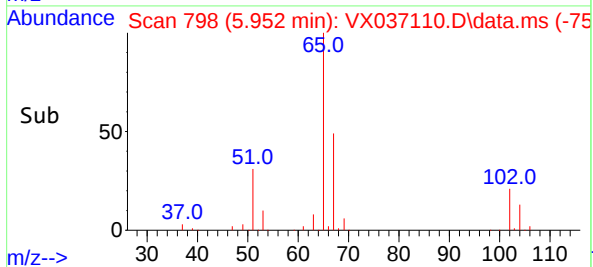
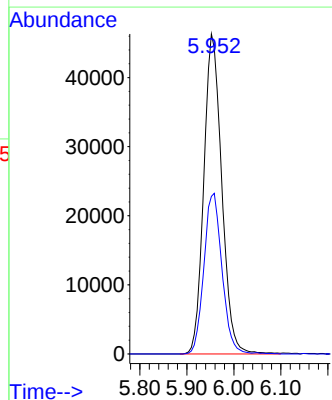
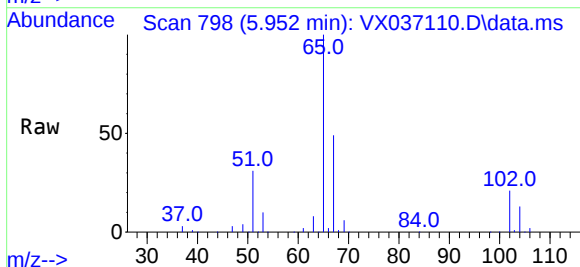
Acq: 19 Aug 2023 05:37

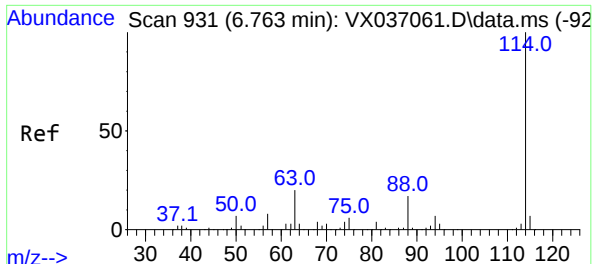
Tgt Ion: 65 Resp: 122950

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.2

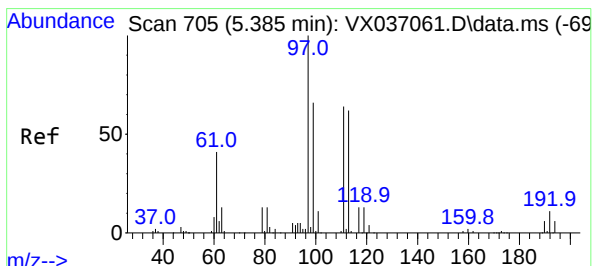
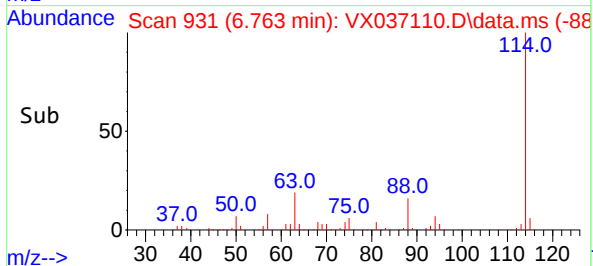
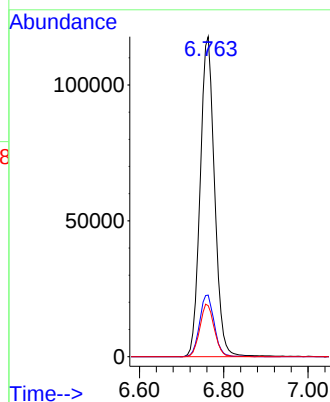
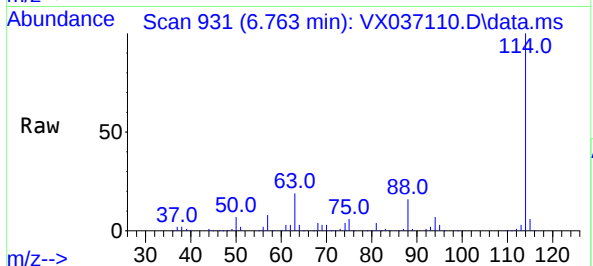




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

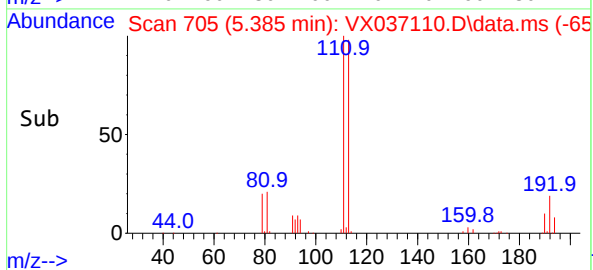
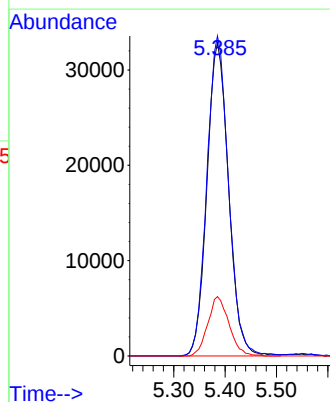
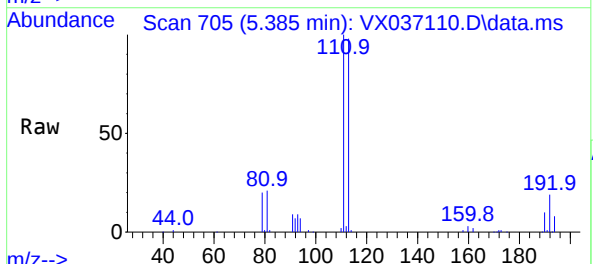
Instrument :
MSVOA_X
ClientSampleId :
RE137-20230815

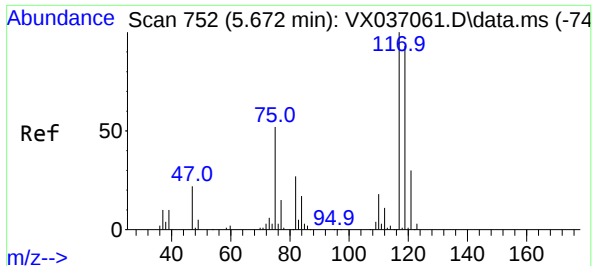
Tgt Ion:114 Resp: 280072
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.721 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion:113 Resp: 95934
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.6 13.3 19.9

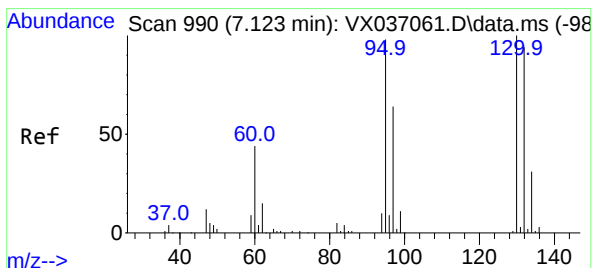
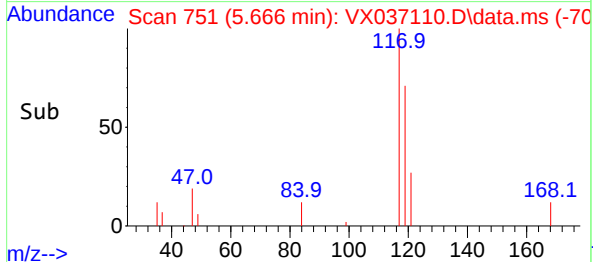
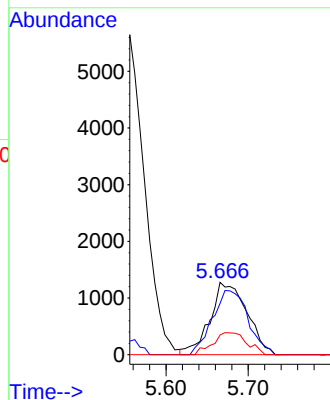
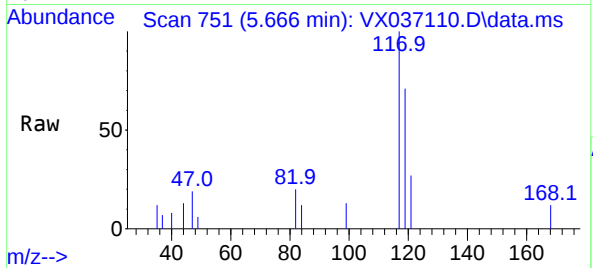




#38
Carbon Tetrachloride
Concen: 1.385 ug/l
RT: 5.666 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

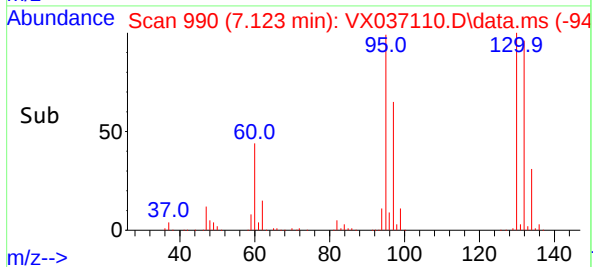
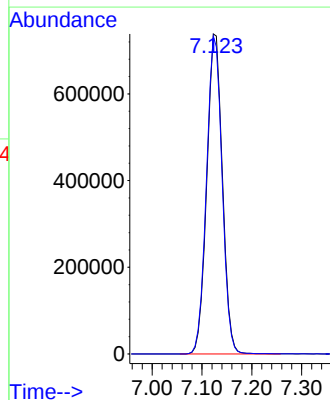
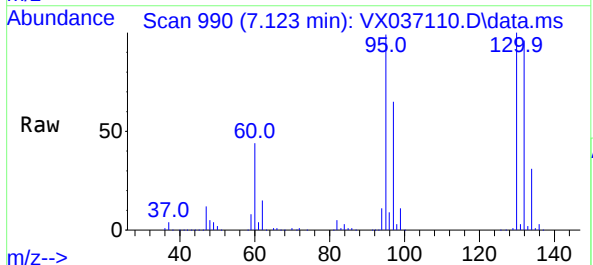
Instrument :
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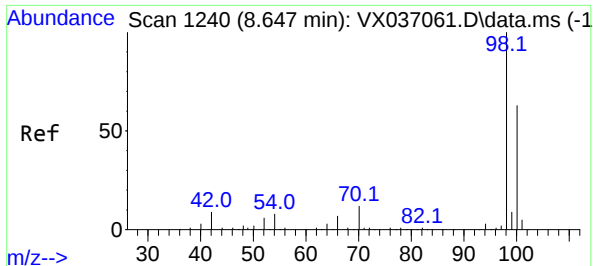
Tgt Ion:117 Resp: 3965
Ion Ratio Lower Upper
117 100
119 70.8 78.2 117.2#
121 27.2 24.4 36.6



#44
Trichloroethene
Concen: 747.717 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion:130 Resp: 1602414
Ion Ratio Lower Upper
130 100
95 99.3 0.0 204.4

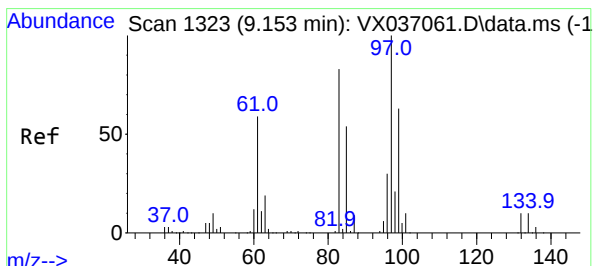
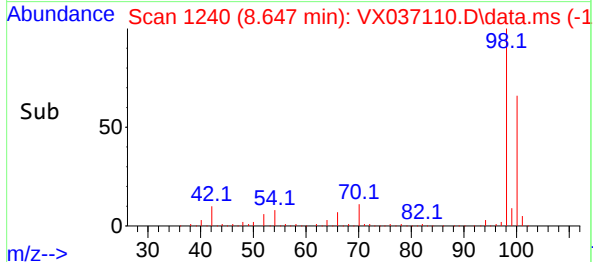
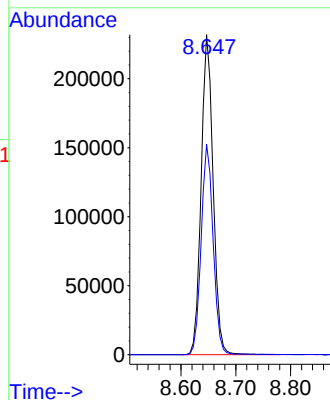
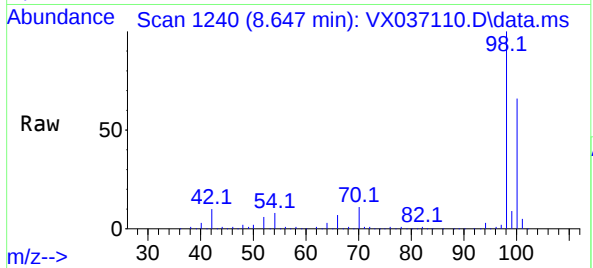




#50
Toluene-d8
Concen: 52.267 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

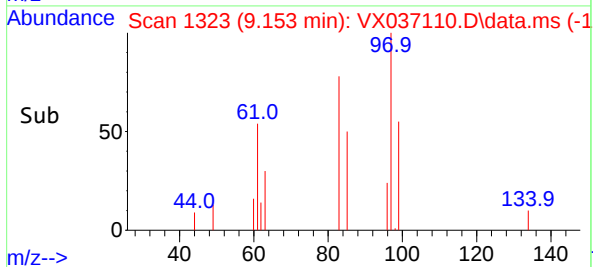
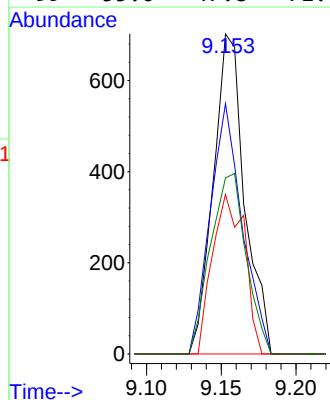
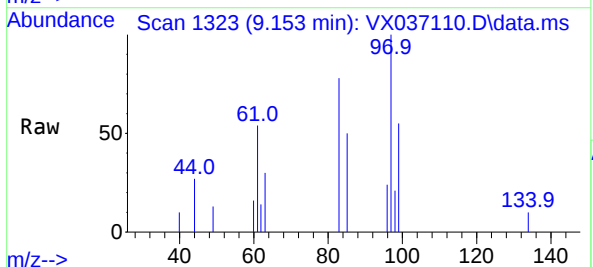
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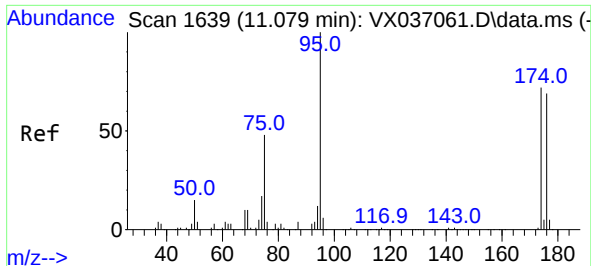
Tgt Ion: 98 Resp: 351668
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 0.506 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion: 97 Resp: 1028
Ion Ratio Lower Upper
97 100
83 78.2 65.8 98.8
85 49.9 41.6 62.4
99 55.0 47.8 71.8

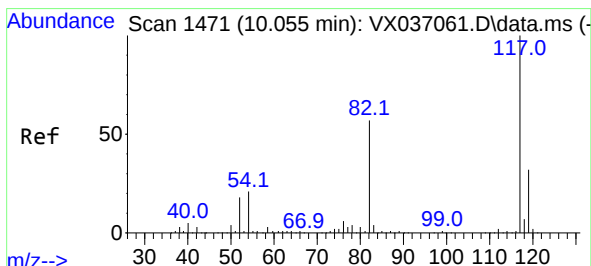
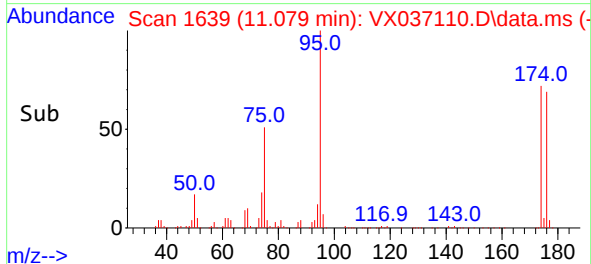
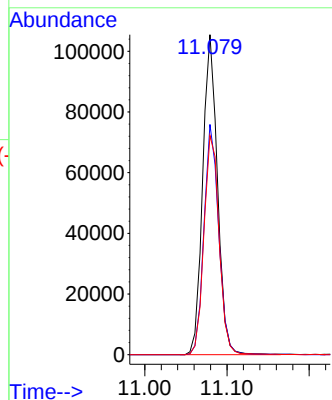
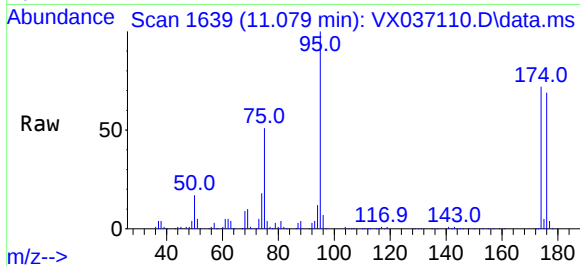




#62
4-Bromofluorobenzene
Concen: 49.697 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

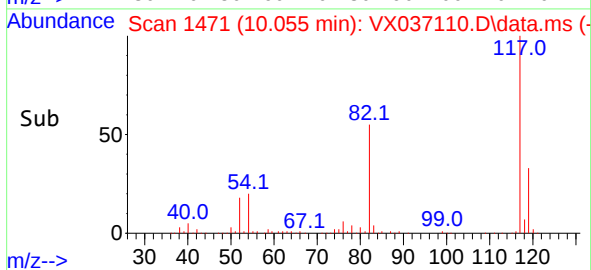
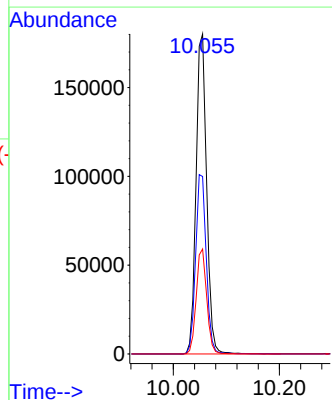
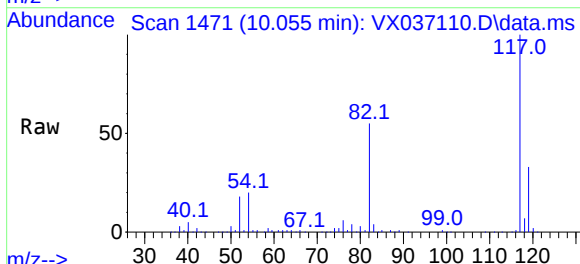
Instrument :
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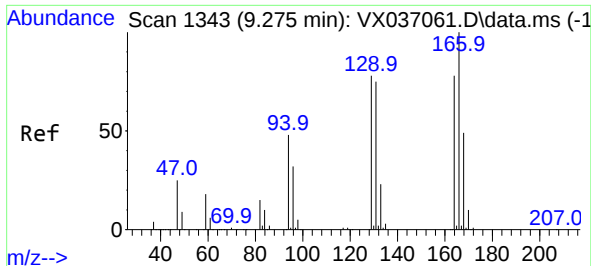
Tgt Ion: 95 Resp: 131404
Ion Ratio Lower Upper
95 100
174 71.8 0.0 135.6
176 70.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion: 117 Resp: 248116
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.8 25.5 38.3



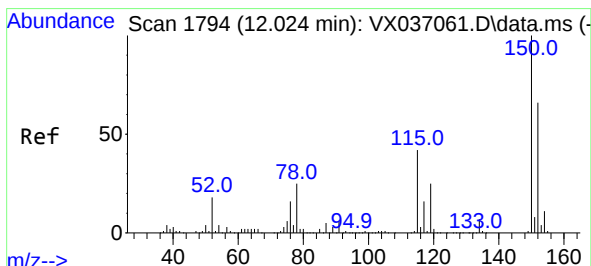
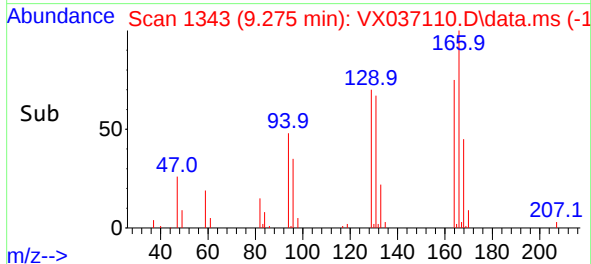
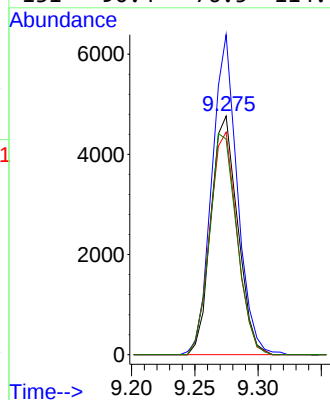
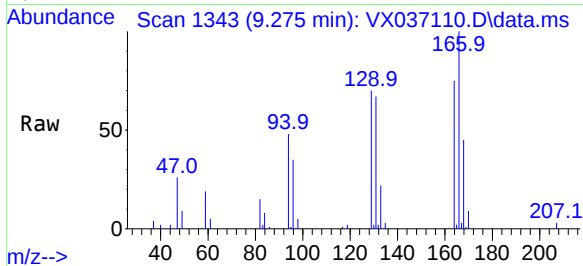


#64
Tetrachloroethene
Concen: 3.872 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Instrument :
MSVOA_X
ClientSampleId :
RE137-20230815

Tgt Ion:164 Resp: 7008

Ion	Ratio	Lower	Upper
164	100		
166	134.2	102.7	154.1
129	93.3	80.4	120.6
131	90.4	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037110.D
Acq: 19 Aug 2023 05:37

Tgt Ion:152 Resp: 113644

Ion	Ratio	Lower	Upper
152	100		
115	63.9	43.3	129.9
150	157.1	0.0	345.0

