

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037411.D
 Acq On : 31 Aug 2023 07:03
 Operator : JC/MD
 Sample : 04128-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20230821

Quant Time: Aug 31 09:23:03 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)

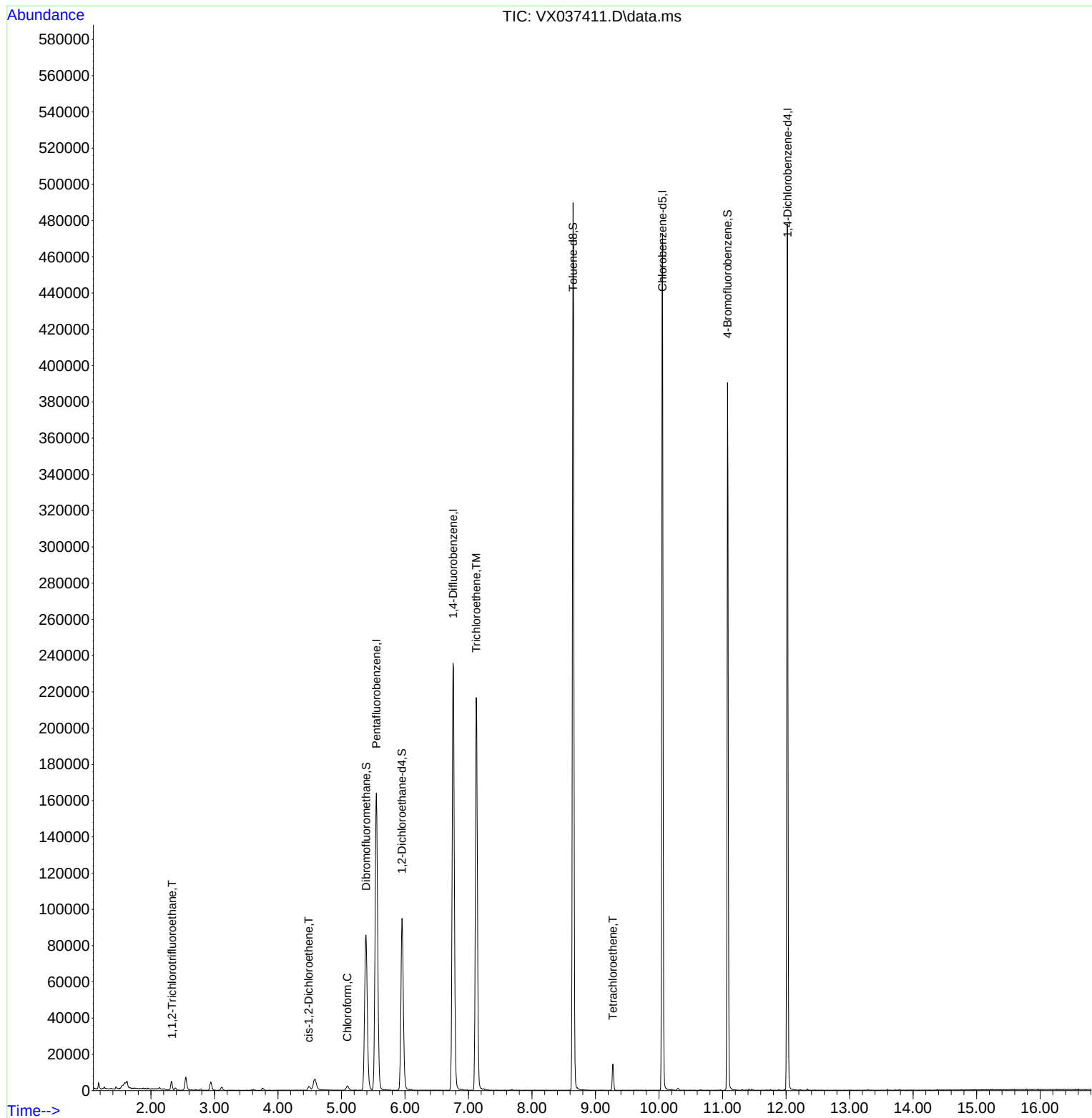
Internal Standards						
1) Pentafluorobenzene	5.550	168	155345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	257157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93946	41.948	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.900%
35) Dibromofluoromethane	5.385	113	78207	45.921	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.840%
50) Toluene-d8	8.647	98	298149	48.262	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	107581	44.313	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.620%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1834	1.117	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	1551	0.724	ug/l	82
30) Chloroform	5.092	83	3215	0.899	ug/l	94
44) Trichloroethene	7.123	130	88986	45.223	ug/l	94
64) Tetrachloroethene	9.275	164	2861	1.729	ug/l	94

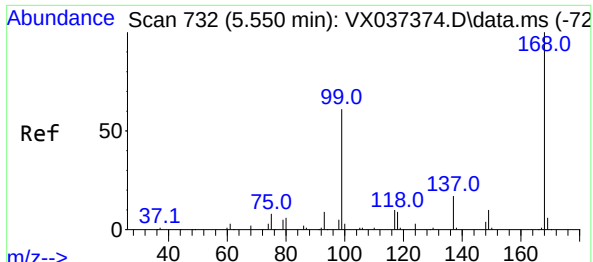
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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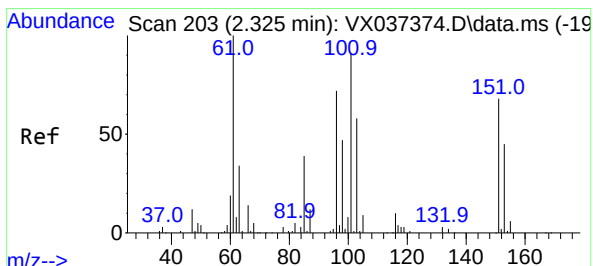
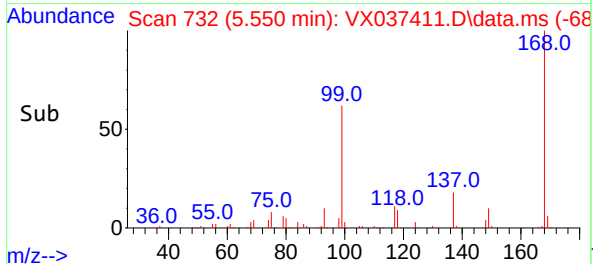
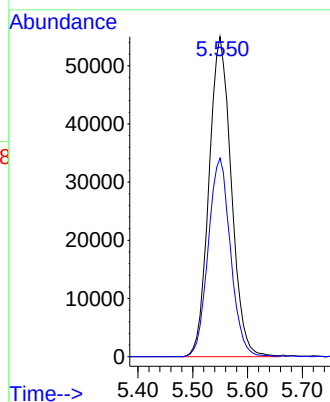
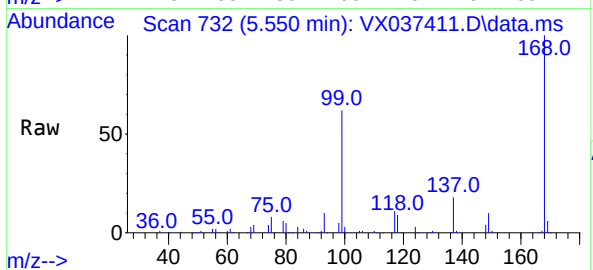




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037411.D
Acq: 31 Aug 2023 07:03

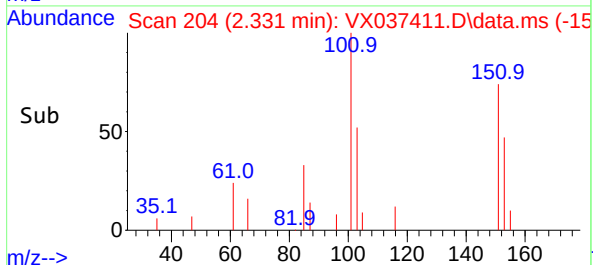
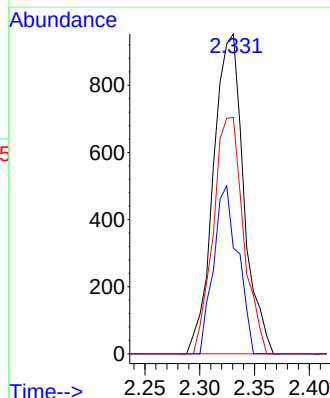
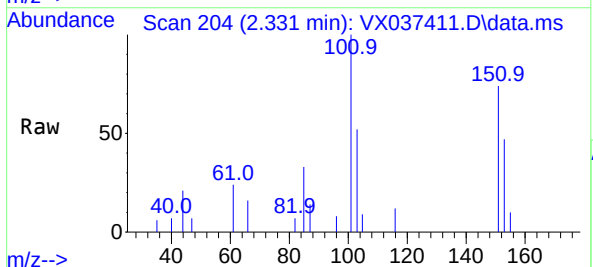
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20230821

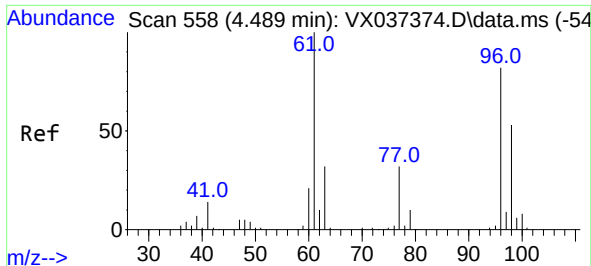
Tgt Ion:168 Resp: 155345
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.117 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037411.D
Acq: 31 Aug 2023 07:03

Tgt Ion:101 Resp: 1834
Ion Ratio Lower Upper
101 100
85 42.0 37.0 55.6
151 73.1 58.6 87.8

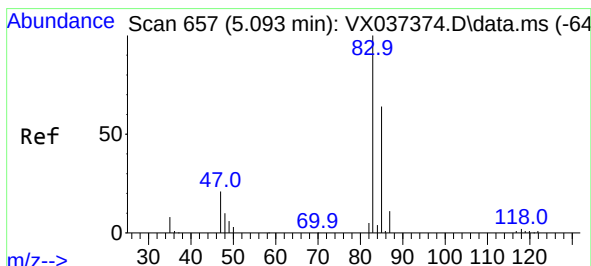
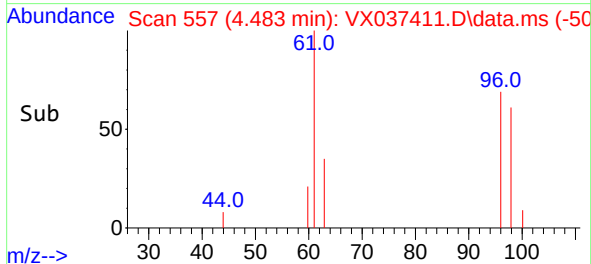
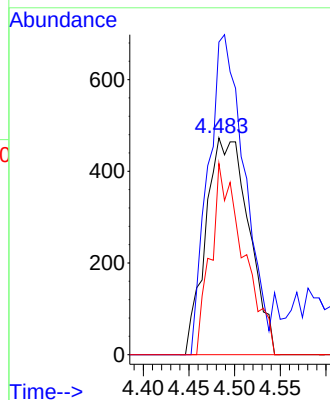
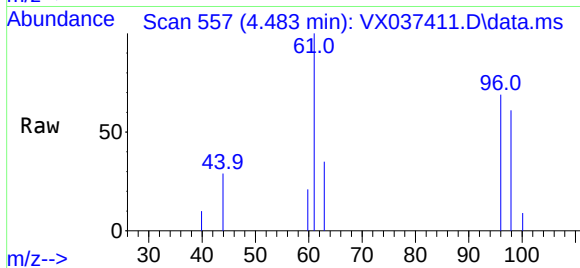




#27
 cis-1,2-Dichloroethene
 Concen: 0.724 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX037411.D
 Acq: 31 Aug 2023 07:03

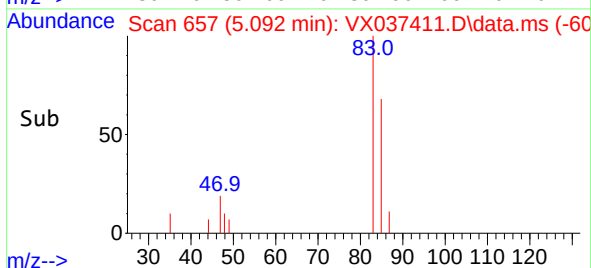
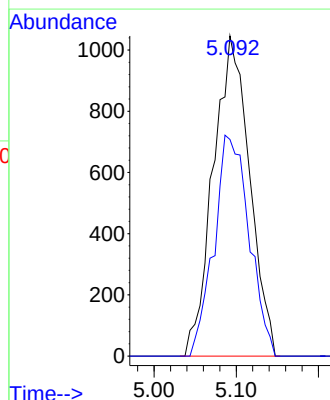
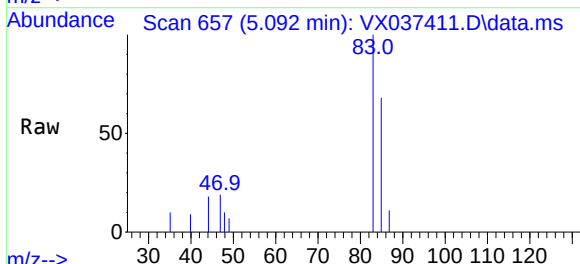
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20230821

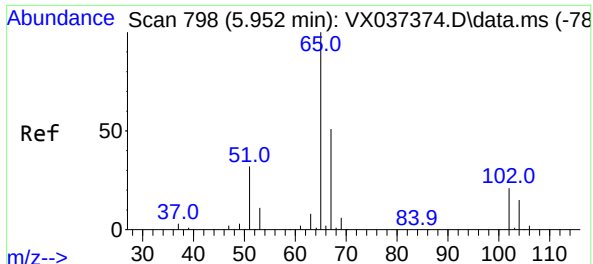
Tgt Ion: 96 Resp: 1551
 Ion Ratio Lower Upper
 96 100
 61 125.5 0.0 312.2
 98 67.1 0.0 129.0



#30
 Chloroform
 Concen: 0.899 ug/l
 RT: 5.092 min Scan# 657
 Delta R.T. -0.000 min
 Lab File: VX037411.D
 Acq: 31 Aug 2023 07:03

Tgt Ion: 83 Resp: 3215
 Ion Ratio Lower Upper
 83 100
 85 67.7 50.3 75.5

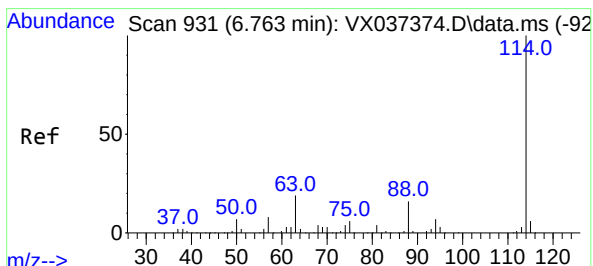
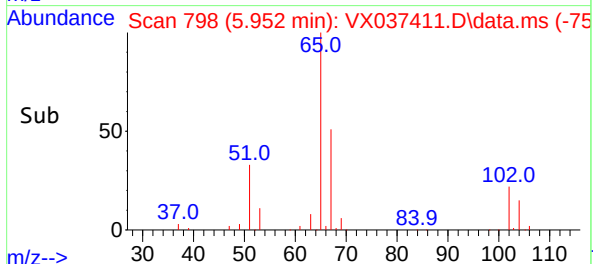
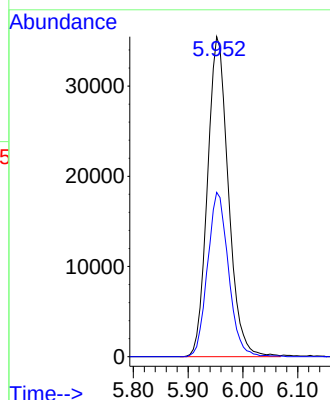
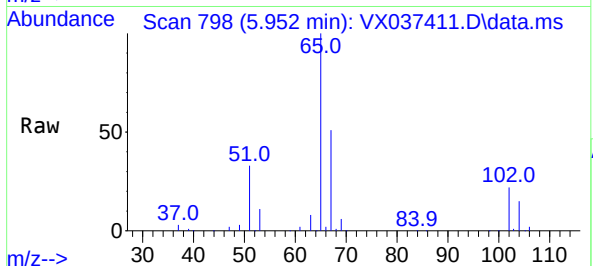




#33
 1,2-Dichloroethane-d4
 Concen: 41.948 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX037411.D
 Acq: 31 Aug 2023 07:03

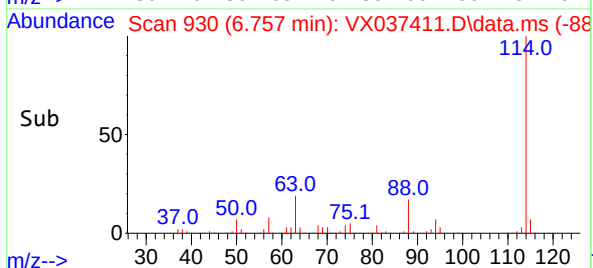
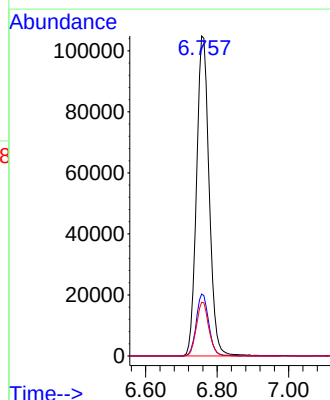
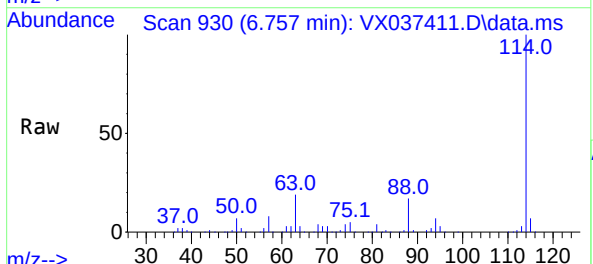
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20230821

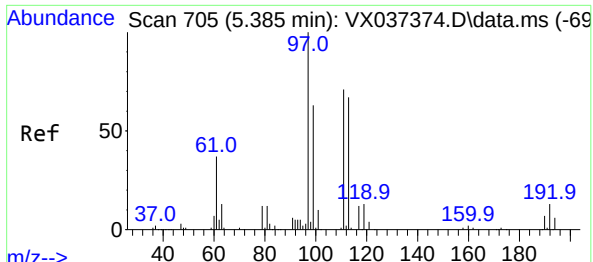
Tgt Ion: 65 Resp: 93946
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX037411.D
 Acq: 31 Aug 2023 07:03

Tgt Ion: 114 Resp: 257157
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 45.0
 88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.921 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037411.D

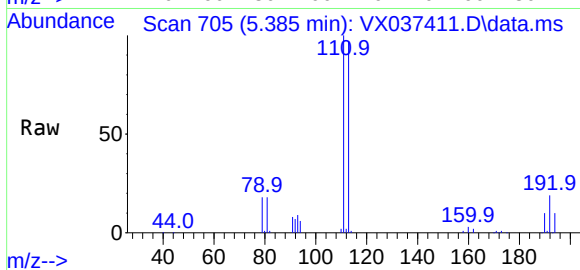
Acq: 31 Aug 2023 07:03

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20230821



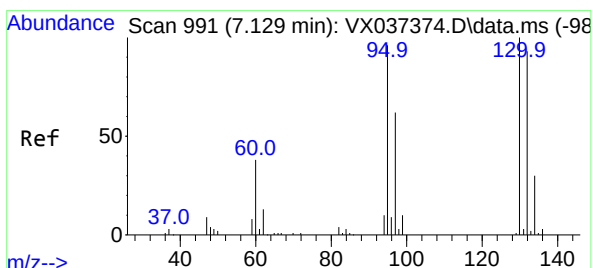
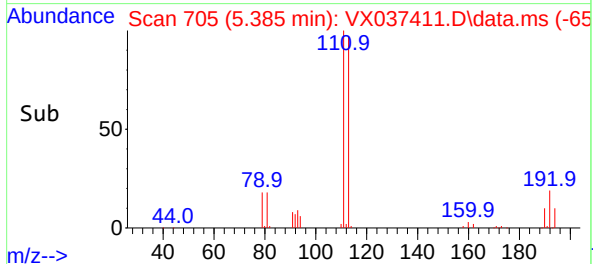
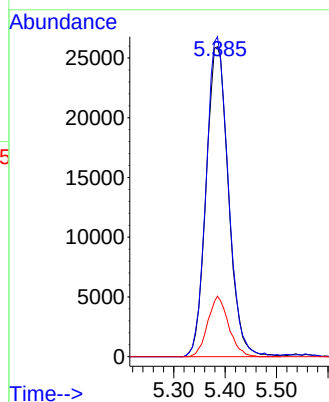
Tgt Ion:113 Resp: 78207

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 18.2 13.3 19.9



#44

Trichloroethene

Concen: 45.223 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX037411.D

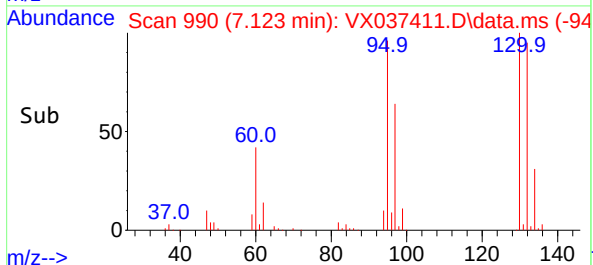
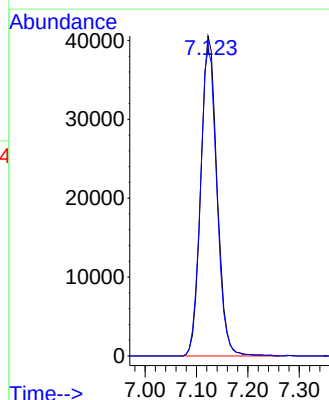
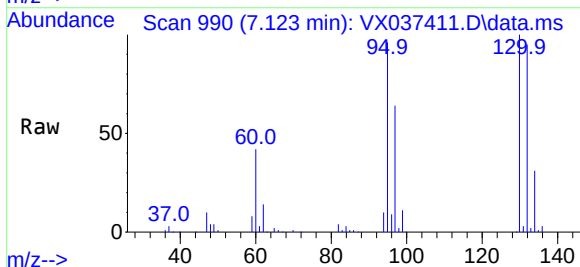
Acq: 31 Aug 2023 07:03

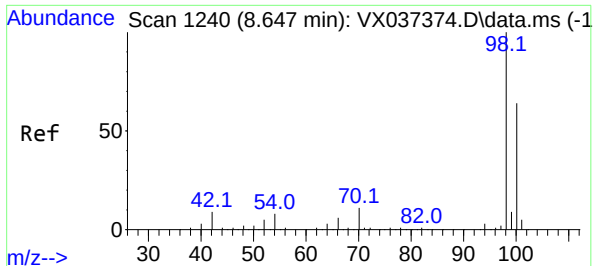
Tgt Ion:130 Resp: 88986

Ion Ratio Lower Upper

130 100

95 95.9 0.0 204.4





#50

Toluene-d8

Concen: 48.262 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037411.D

Acq: 31 Aug 2023 07:03

Instrument :

MSVOA_X

ClientSampleId :

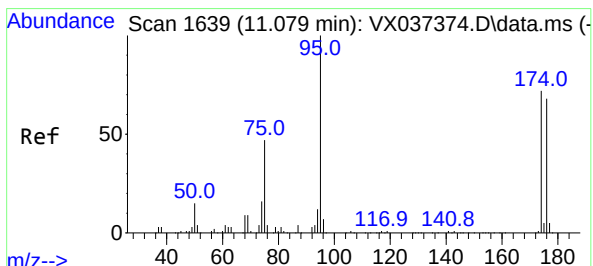
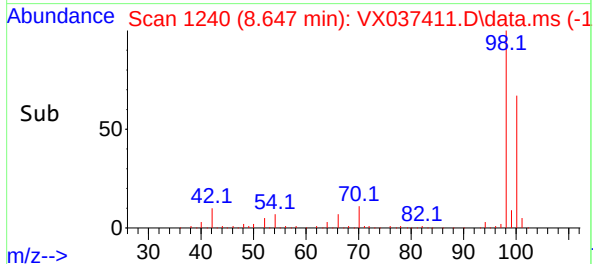
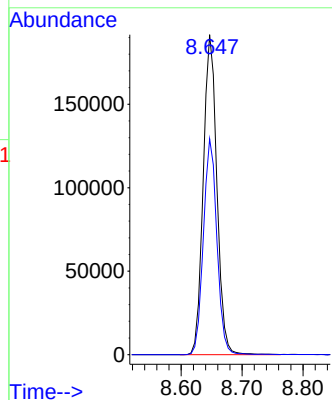
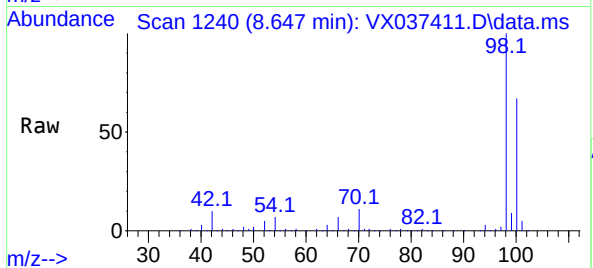
RE132D1-20230821

Tgt Ion: 98 Resp: 298149

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.313 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037411.D

Acq: 31 Aug 2023 07:03

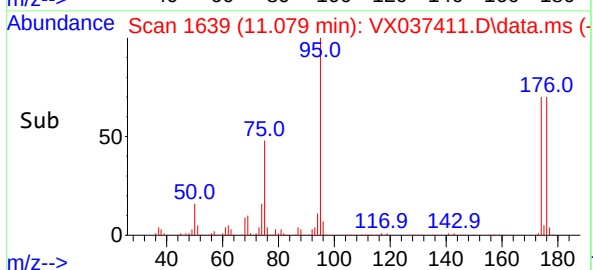
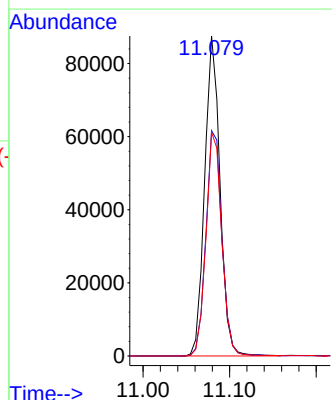
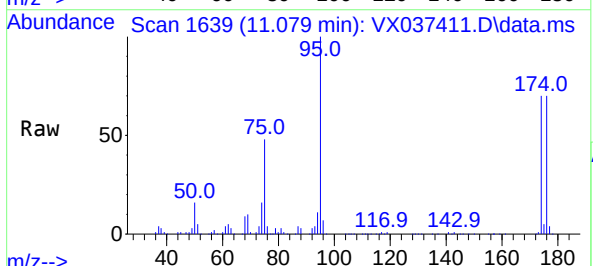
Tgt Ion: 95 Resp: 107581

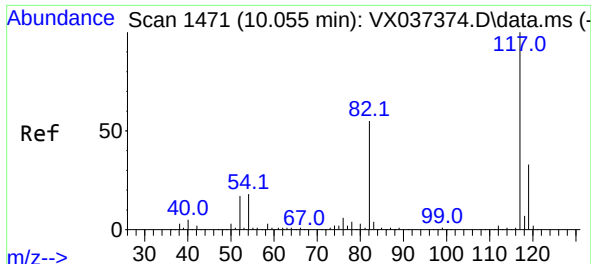
Ion Ratio Lower Upper

95 100

174 73.7 0.0 135.6

176 72.1 0.0 131.0

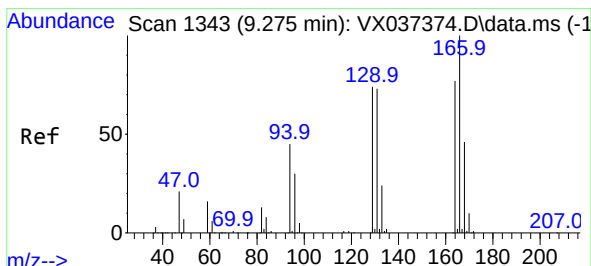
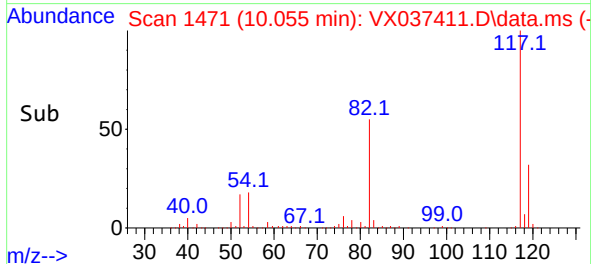
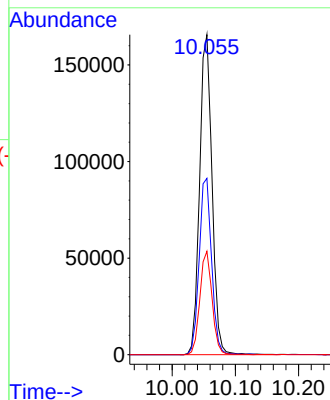
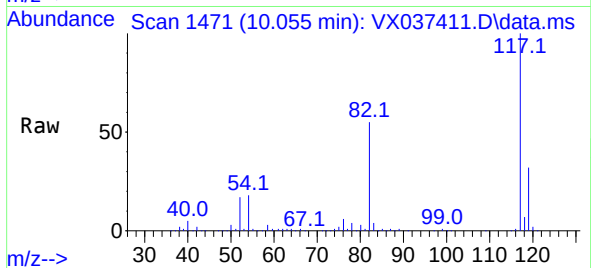




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037411.D
Acq: 31 Aug 2023 07:03

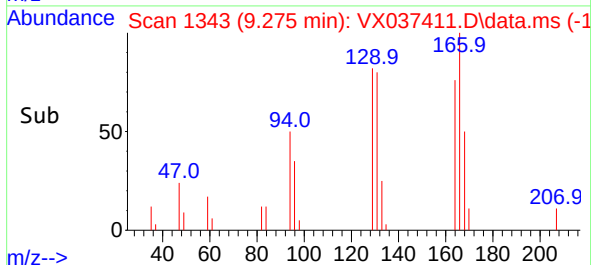
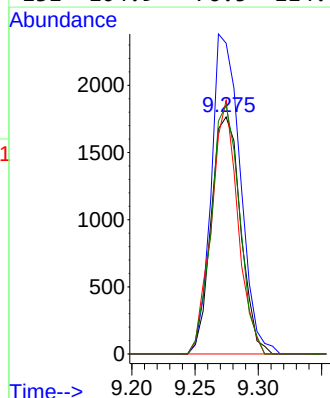
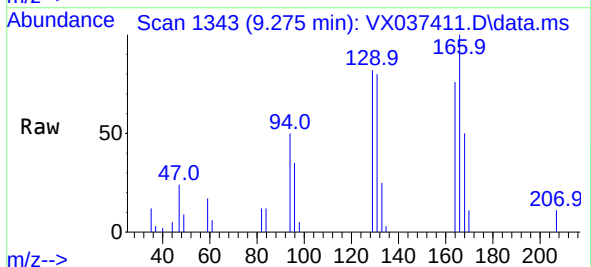
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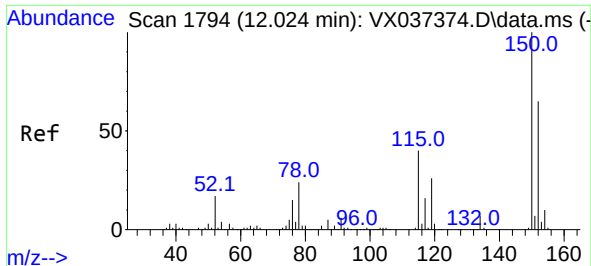
Tgt Ion:117 Resp: 226806
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 1.729 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037411.D
Acq: 31 Aug 2023 07:03

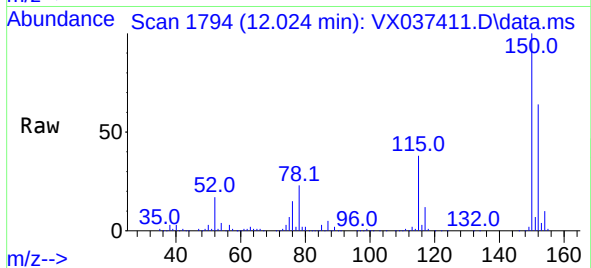
Tgt Ion:164 Resp: 2861
Ion Ratio Lower Upper
164 100
166 131.1 102.7 154.1
129 107.0 80.4 120.6
131 104.9 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037411.D
 Acq: 31 Aug 2023 07:03

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:152 Resp: 100131
 Ion Ratio Lower Upper
 152 100
 115 62.5 43.3 129.9
 150 158.3 0.0 345.0

