

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037191.D
 Acq On : 23 Aug 2023 18:18
 Operator : JC/MD
 Sample : 04024-19DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW17811-20230815DL

Quant Time: Aug 24 05:36:07 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)

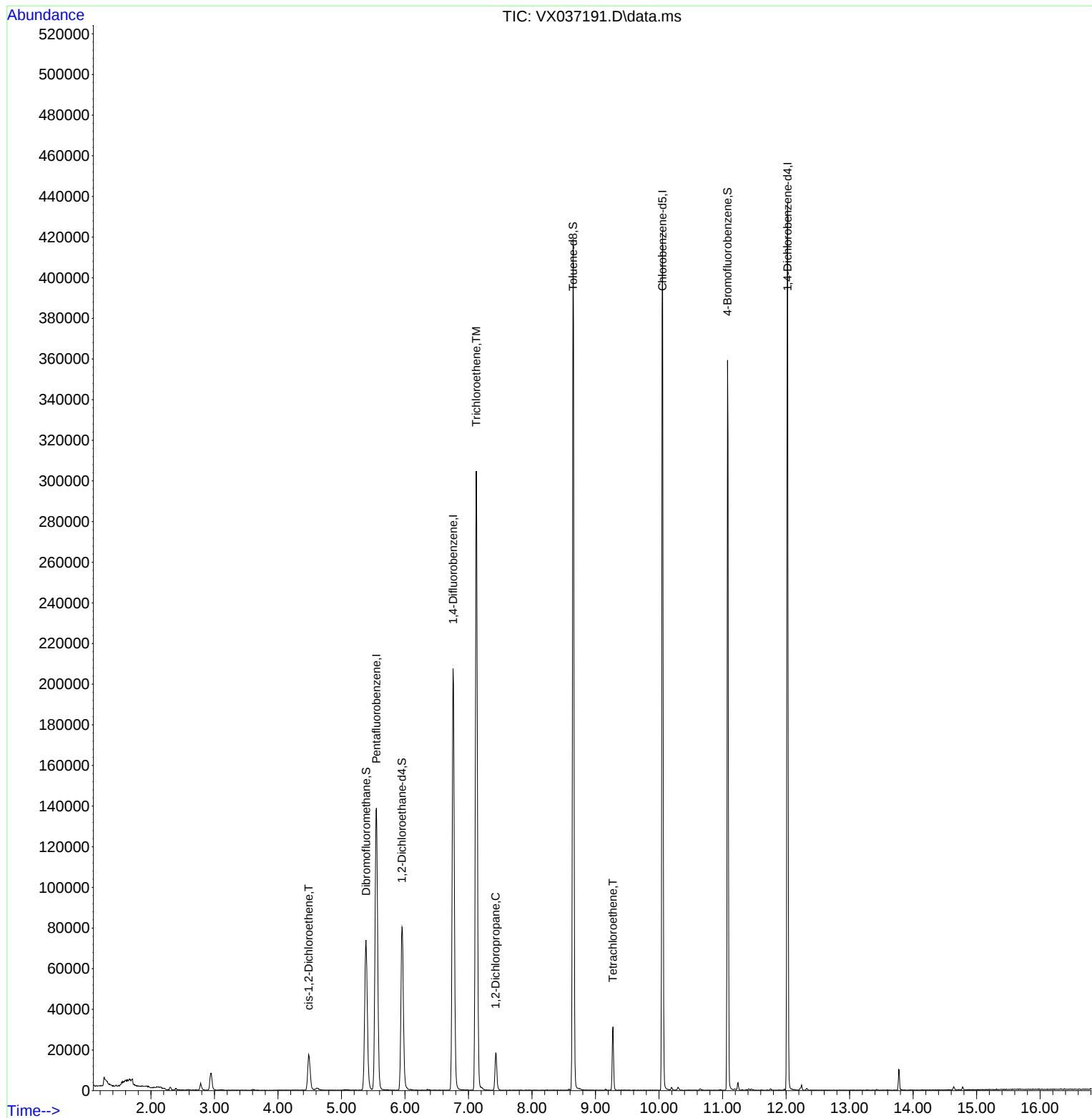
Internal Standards						
1) Pentafluorobenzene	5.550	168	131255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216395	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82571	43.636	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.280%
35) Dibromofluoromethane	5.385	113	65529	45.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	8.647	98	253108	48.688	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.079	95	98853	48.388	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.780%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.483	96	11789	6.511	ug/l	80
44) Trichloroethene	7.123	130	120070	72.514	ug/l	95
45) 1,2-Dichloropropane	7.427	63	7201	5.001	ug/l	94
64) Tetrachloroethene	9.275	164	5860	4.080	ug/l	96

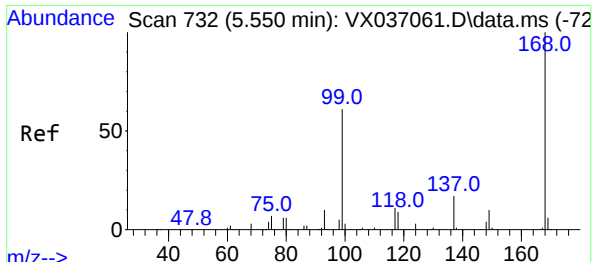
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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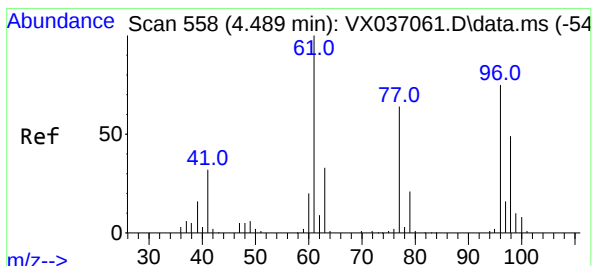
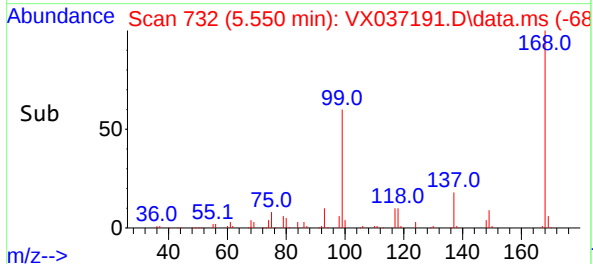
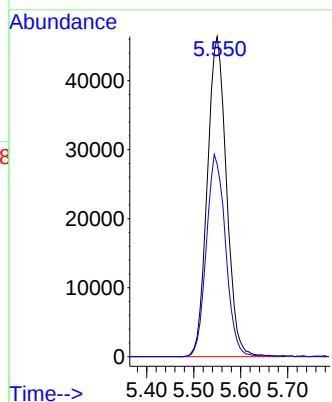
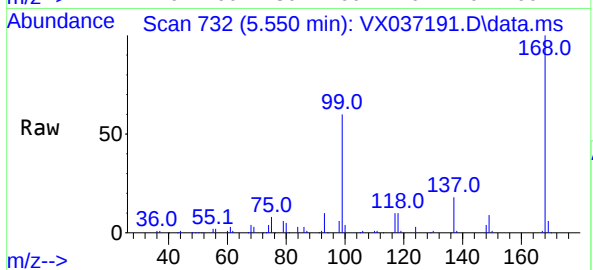




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037191.D
Acq: 23 Aug 2023 18:18

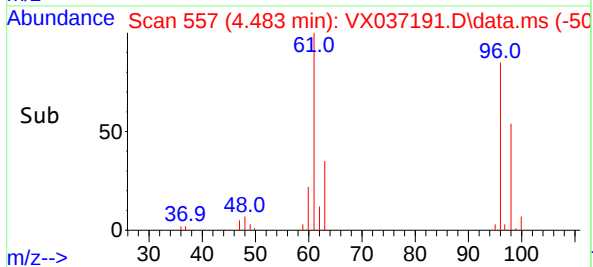
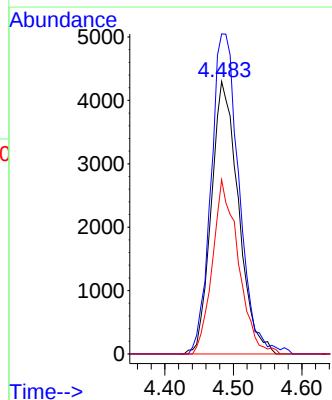
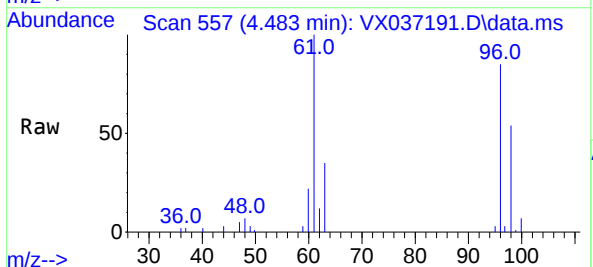
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20230815DL

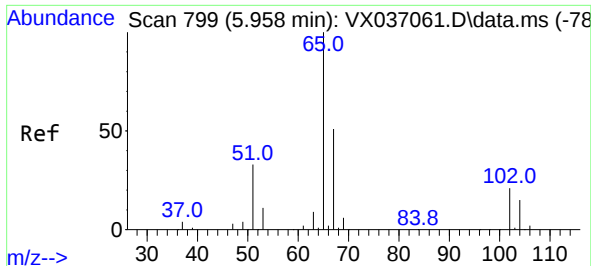
Tgt Ion:168 Resp: 131255
Ion Ratio Lower Upper
168 100
99 60.1 56.6 85.0



#27
cis-1,2-Dichloroethene
Concen: 6.511 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX037191.D
Acq: 23 Aug 2023 18:18

Tgt Ion: 96 Resp: 11789
Ion Ratio Lower Upper
96 100
61 121.4 0.0 312.2
98 61.0 0.0 129.0

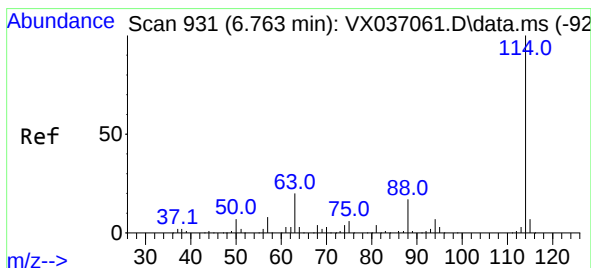
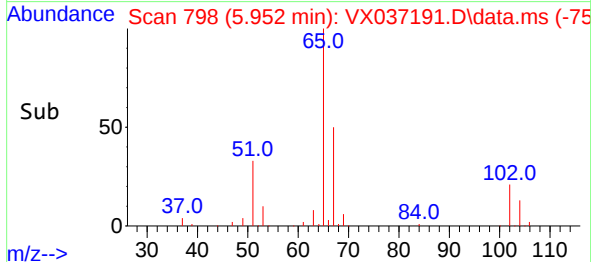
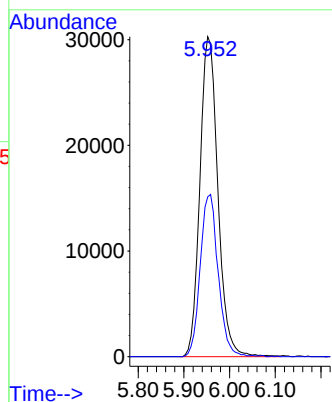
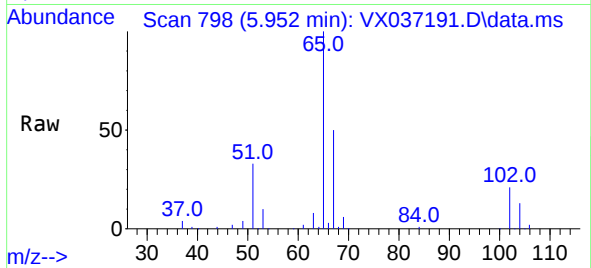




#33
1,2-Dichloroethane-d4
Concen: 43.636 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037191.D
Acq: 23 Aug 2023 18:18

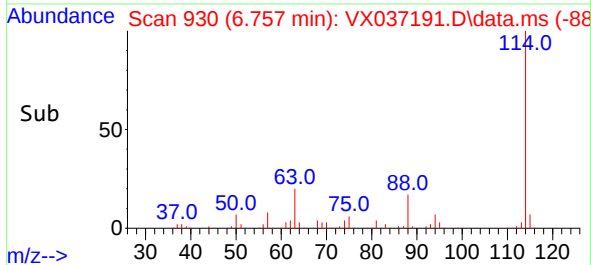
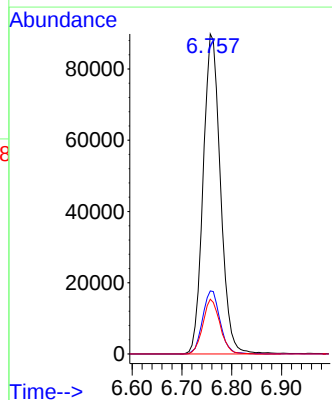
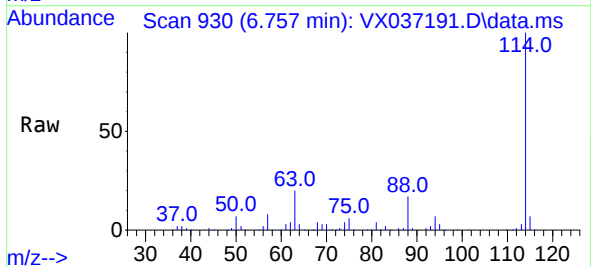
Instrument :
MSVOA_X
ClientSampleId :
MW17811-20230815DL

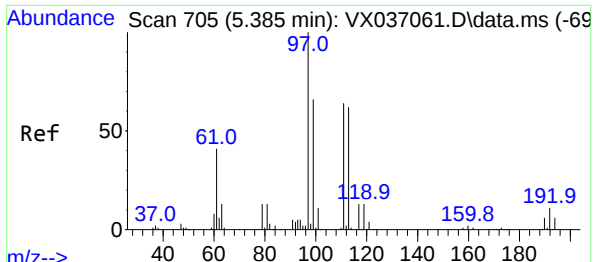
Tgt Ion: 65 Resp: 82571
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX037191.D
Acq: 23 Aug 2023 18:18

Tgt Ion: 114 Resp: 216395
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.724 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037191.D

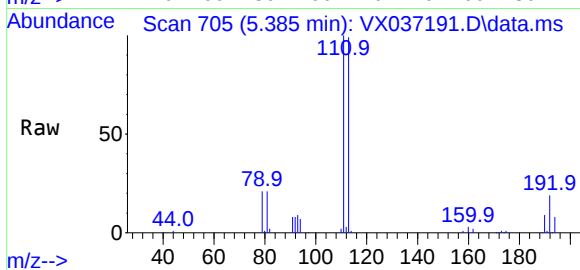
Acq: 23 Aug 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW17811-20230815DL



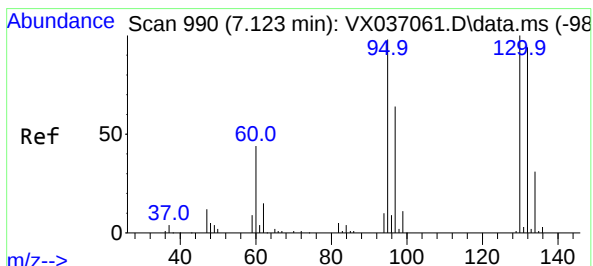
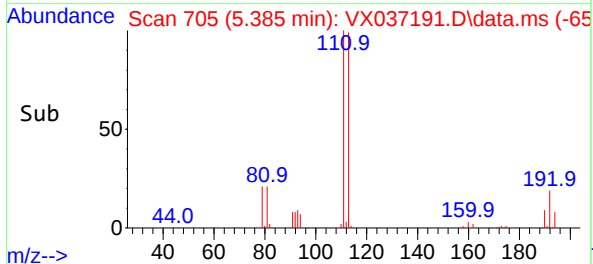
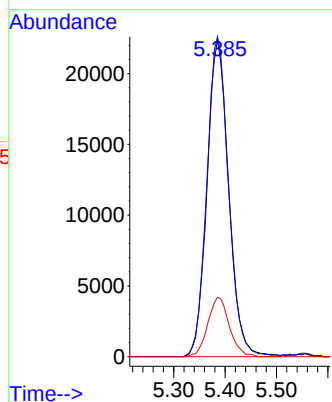
Tgt Ion:113 Resp: 65529

Ion Ratio Lower Upper

113 100

111 101.1 82.9 124.3

192 18.6 13.3 19.9



#44

Trichloroethene

Concen: 72.514 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX037191.D

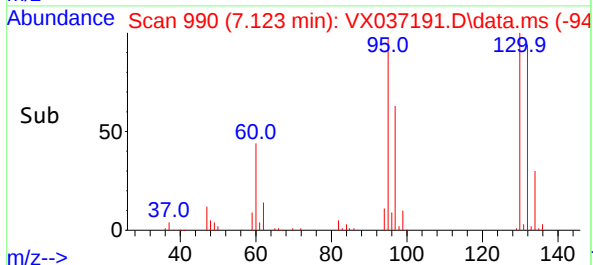
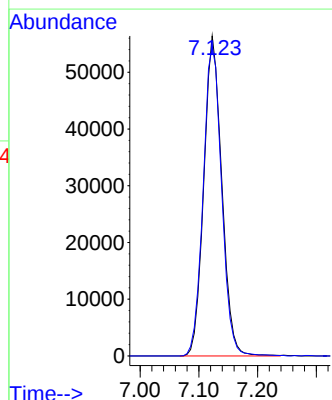
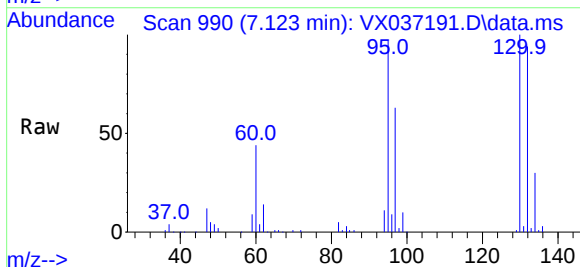
Acq: 23 Aug 2023 18:18

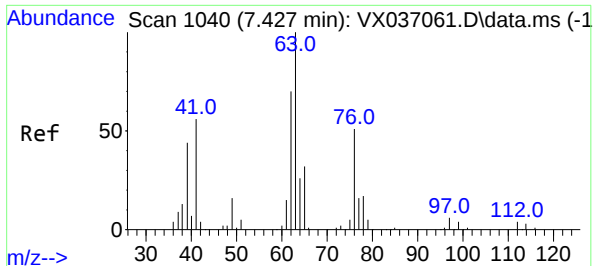
Tgt Ion:130 Resp: 120070

Ion Ratio Lower Upper

130 100

95 96.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.001 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX037191.D

Acq: 23 Aug 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

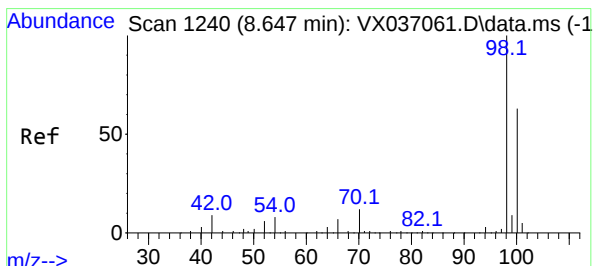
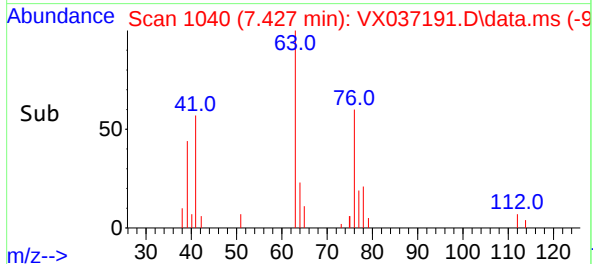
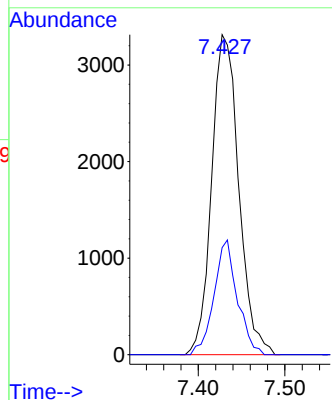
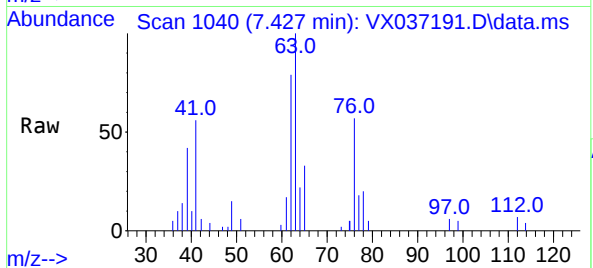
MW17811-20230815DL

Tgt Ion: 63 Resp: 7201

Ion Ratio Lower Upper

63 100

65 33.5 24.3 36.5



#50

Toluene-d8

Concen: 48.688 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037191.D

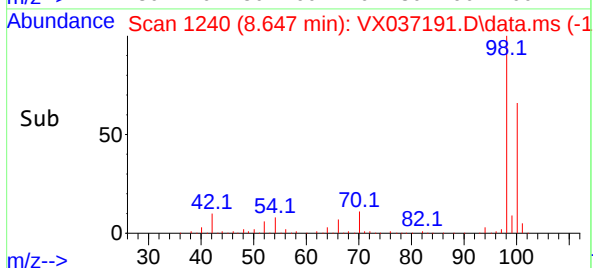
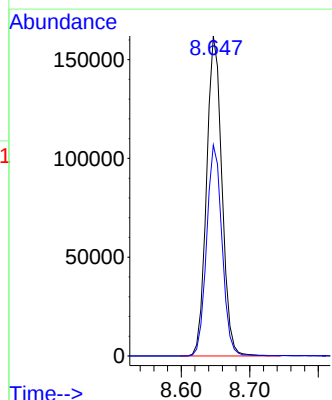
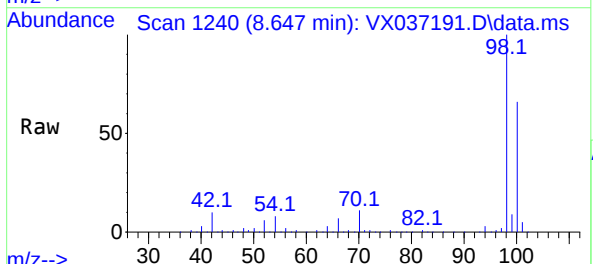
Acq: 23 Aug 2023 18:18

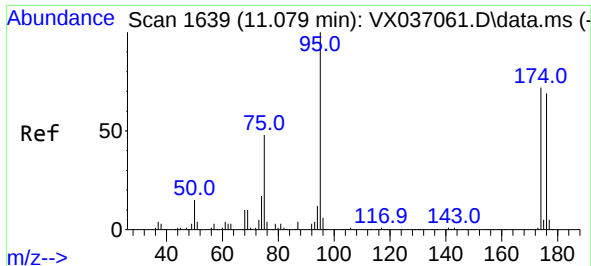
Tgt Ion: 98 Resp: 253108

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7

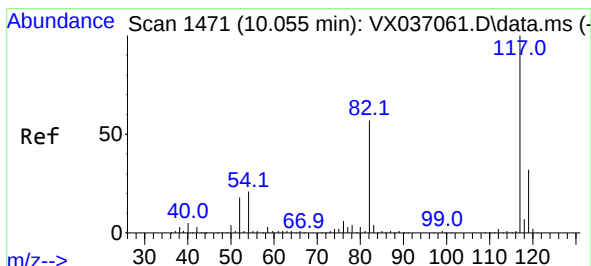
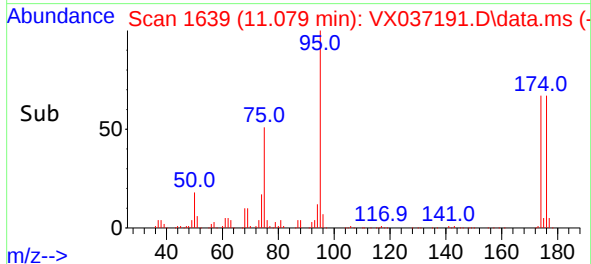
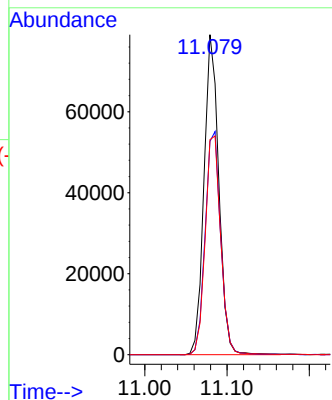
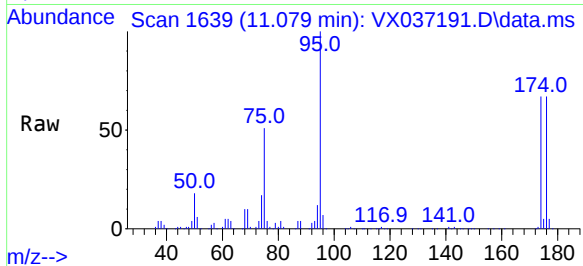




#62
4-Bromofluorobenzene
Concen: 48.388 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037191.D
Acq: 23 Aug 2023 18:18

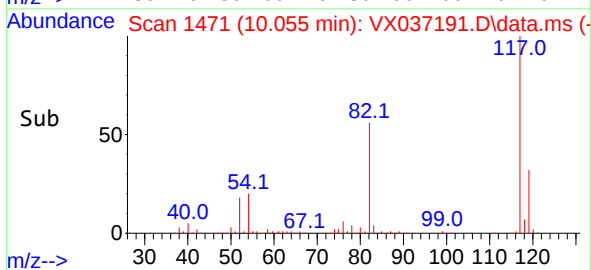
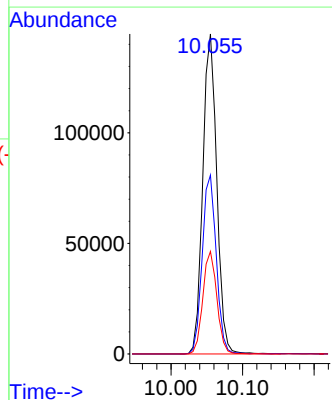
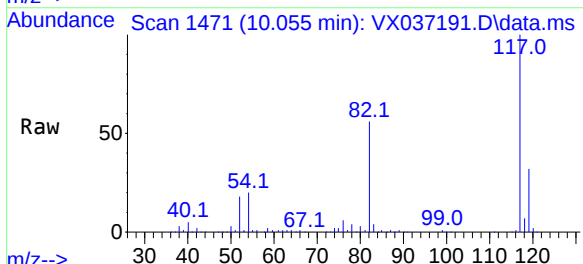
Instrument :
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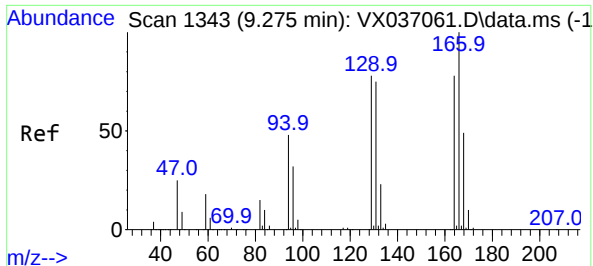
Tgt Ion: 95 Resp: 98853
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 71.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037191.D
Acq: 23 Aug 2023 18:18

Tgt Ion: 117 Resp: 196898
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.1 25.5 38.3



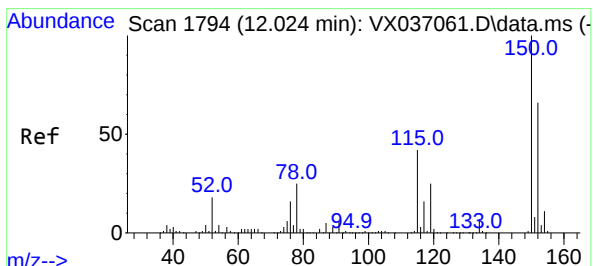
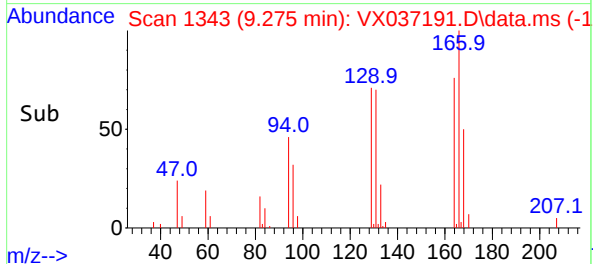
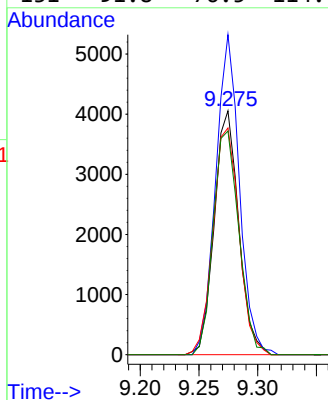
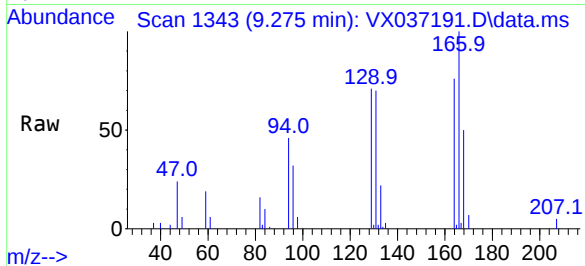


#64
Tetrachloroethene
Concen: 4.080 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037191.D
Acq: 23 Aug 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :
MW17811-20230815DL

Tgt Ion:164 Resp: 5860

Ion	Ratio	Lower	Upper
164	100		
166	131.2	102.7	154.1
129	93.0	80.4	120.6
131	91.8	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037191.D
Acq: 23 Aug 2023 18:18

Tgt Ion:152 Resp: 92785

Ion	Ratio	Lower	Upper
152	100		
115	63.1	43.3	129.9
150	155.9	0.0	345.0

