

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030835.D
 Acq On : 26 Aug 2022 19:24
 Operator : JC/MD
 Sample : N4278-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20220818

Quant Time: Aug 27 02:41:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

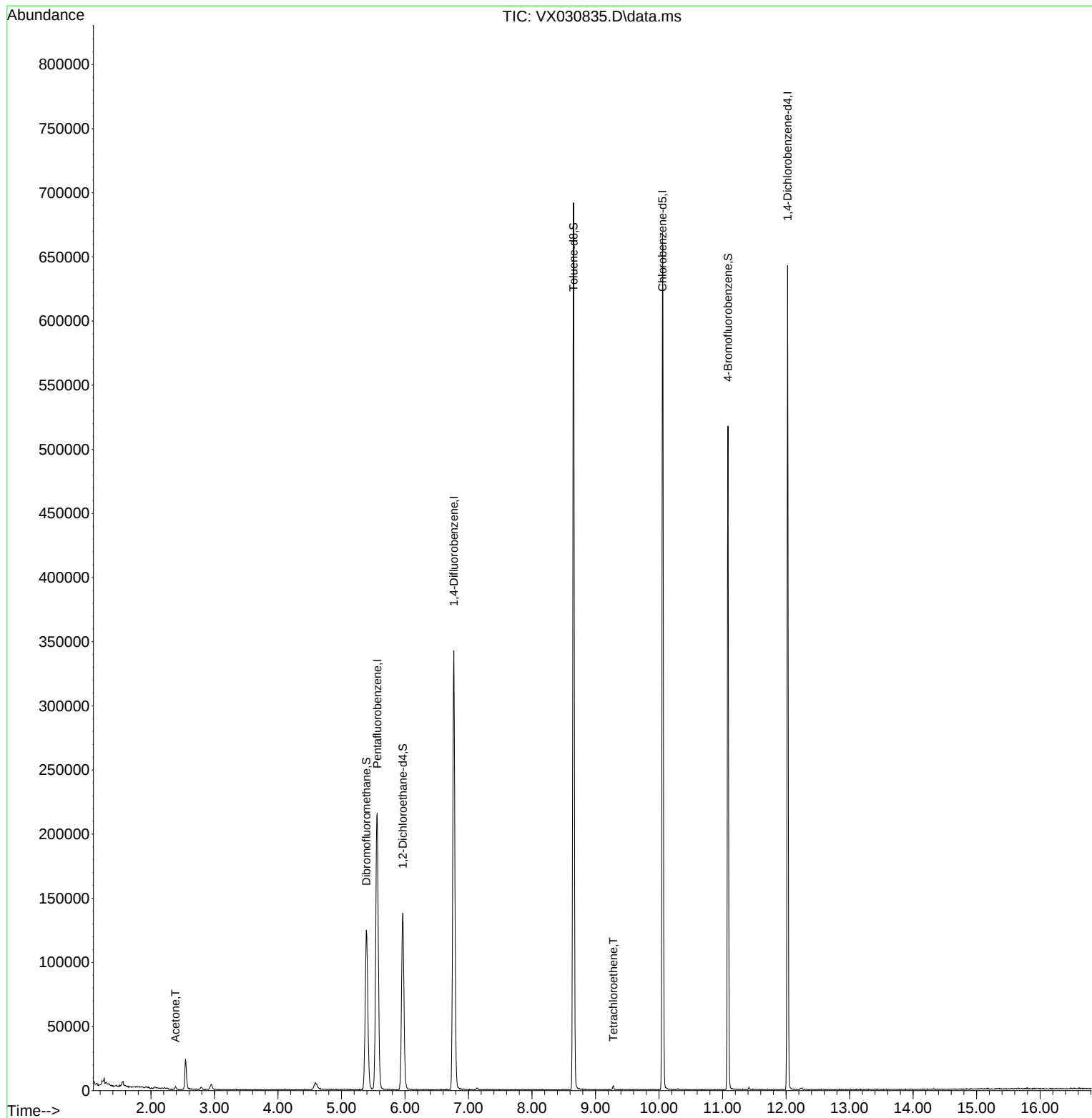
Internal Standards						
1) Pentafluorobenzene	5.562	168	205147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	344309	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	133118	55.165	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.340%
35) Dibromofluoromethane	5.391	113	110599	52.266	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	8.653	98	411434	55.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.600%
62) 4-Bromofluorobenzene	11.085	95	132162	48.142	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.280%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	2438	2.186	ug/l	88
64) Tetrachloroethene	9.281	164	597	0.244	ug/l #	68

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

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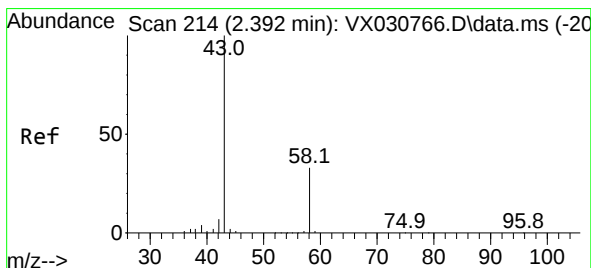
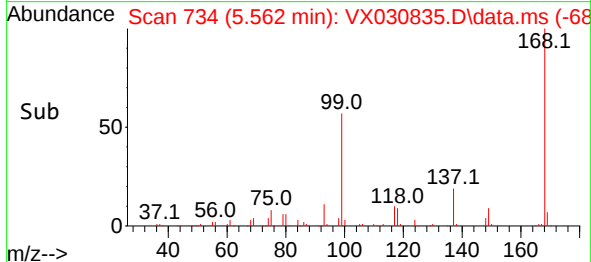
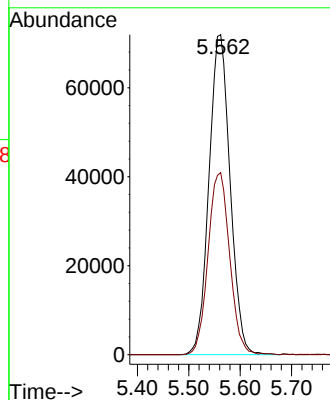
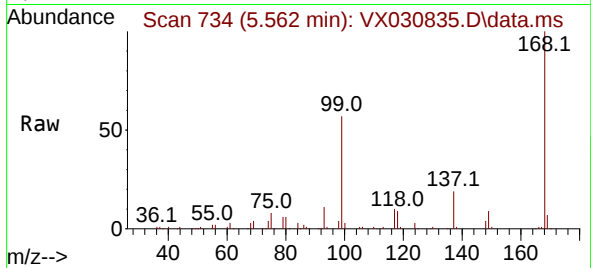




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

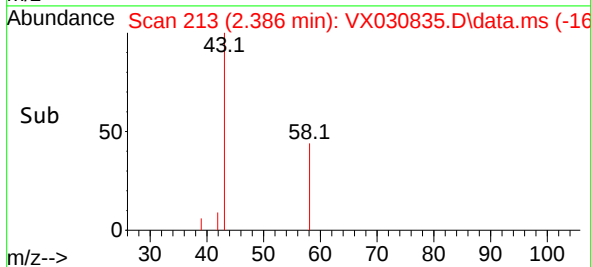
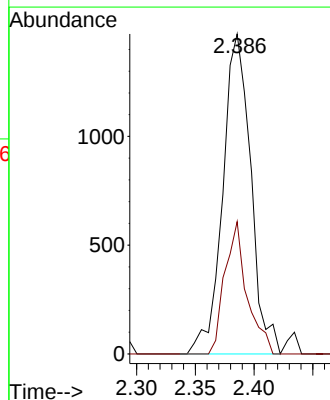
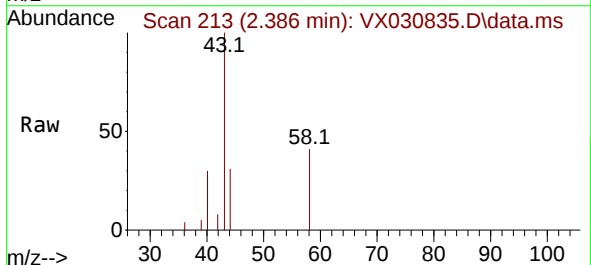
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

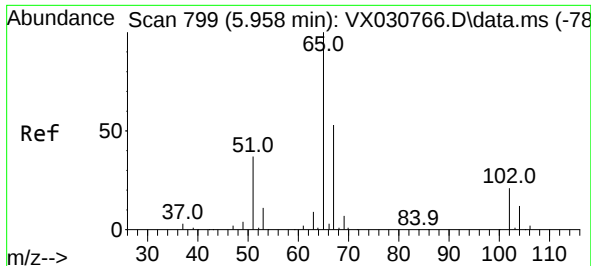
Tgt Ion:168 Resp: 205147
Ion Ratio Lower Upper
168 100
99 56.9 44.0 66.0



#16
Acetone
Concen: 2.186 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Tgt Ion: 43 Resp: 2438
Ion Ratio Lower Upper
43 100
58 41.3 27.7 41.5

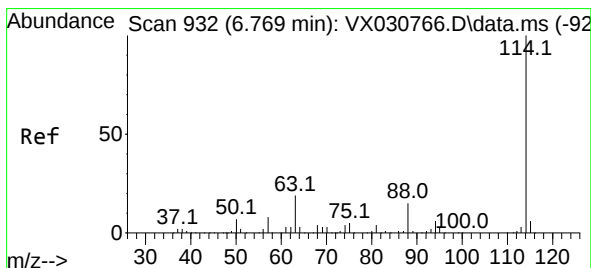
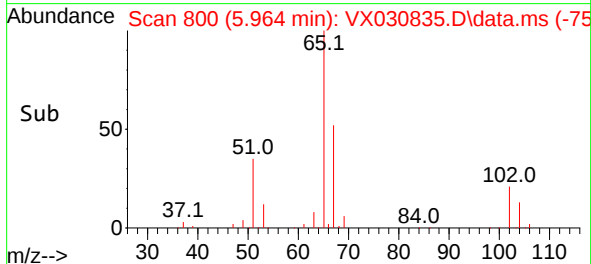
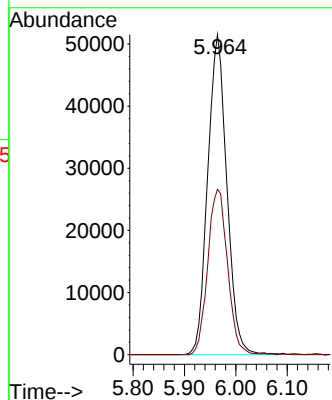
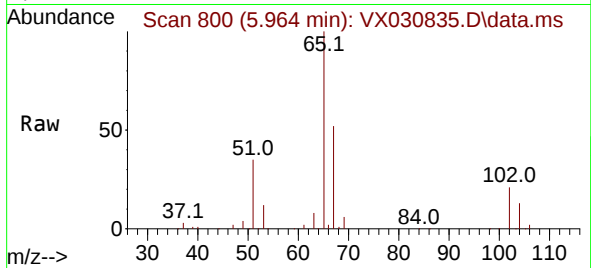




#33
 1,2-Dichloroethane-d4
 Concen: 55.165 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX030835.D
 Acq: 26 Aug 2022 19:24

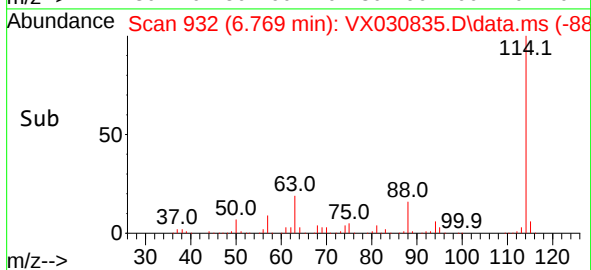
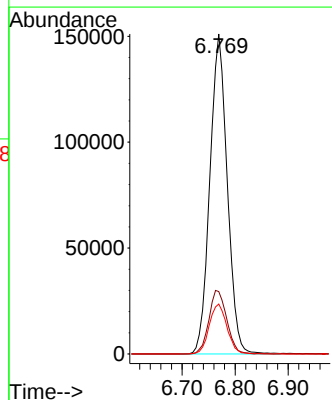
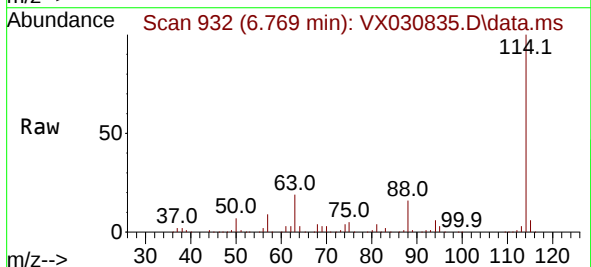
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20220818

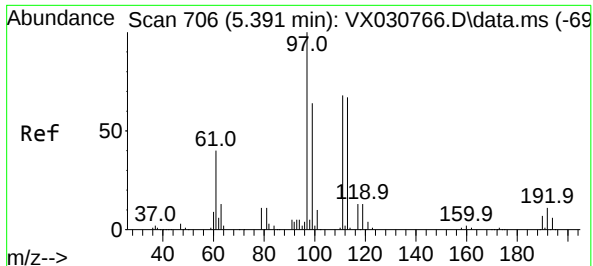
Tgt Ion: 65 Resp: 133118
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX030835.D
 Acq: 26 Aug 2022 19:24

Tgt Ion: 114 Resp: 344309
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.4
 88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.266 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030835.D

Acq: 26 Aug 2022 19:24

Instrument :

MSVOA_X

ClientSampleId :

BP-TB-20220818

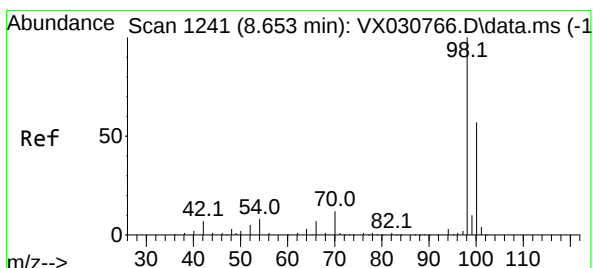
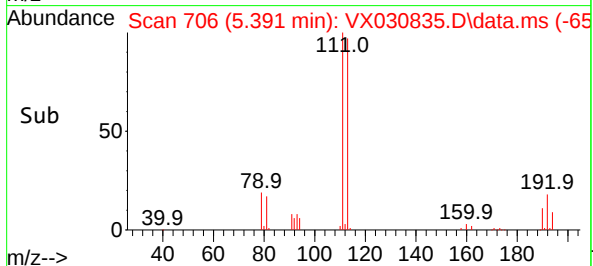
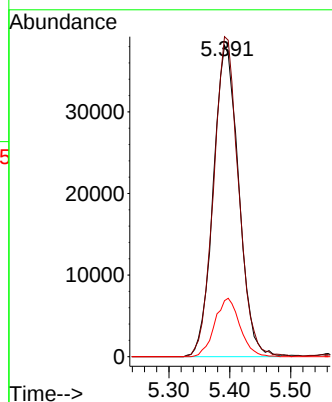
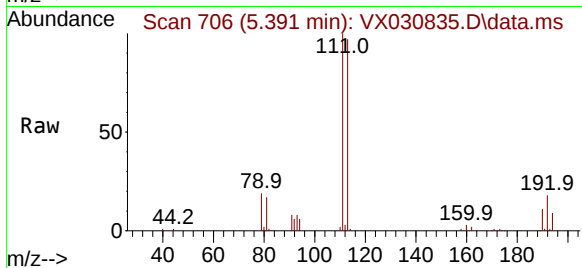
Tgt Ion:113 Resp: 110599

Ion Ratio Lower Upper

113 100

111 100.7 83.2 124.8

192 18.6 14.8 22.2



#50

Toluene-d8

Concen: 55.797 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030835.D

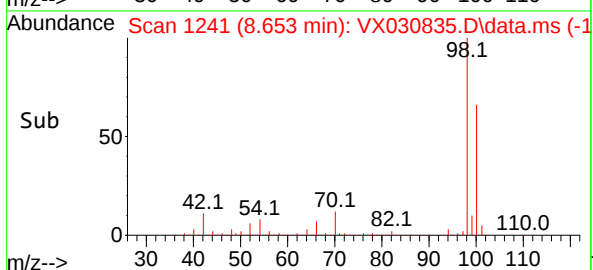
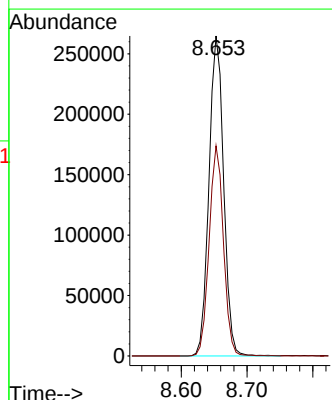
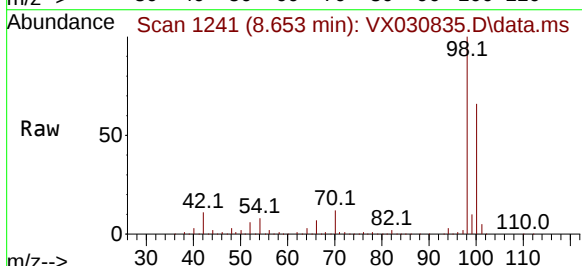
Acq: 26 Aug 2022 19:24

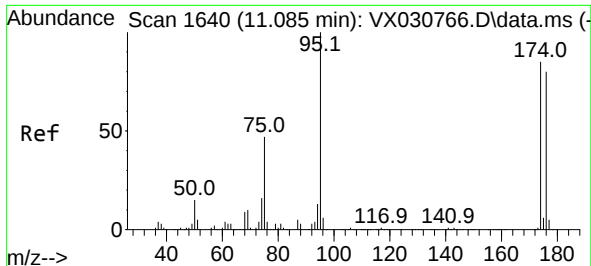
Tgt Ion: 98 Resp: 411434

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5

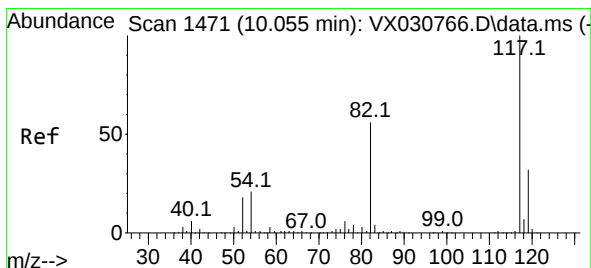
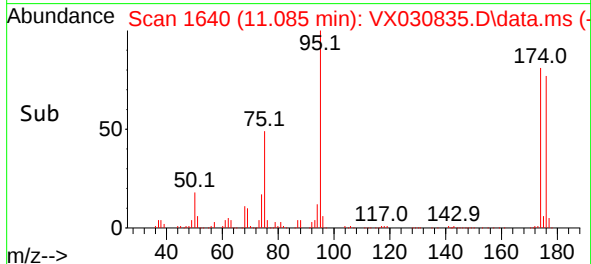
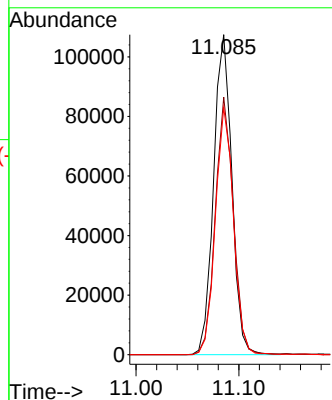
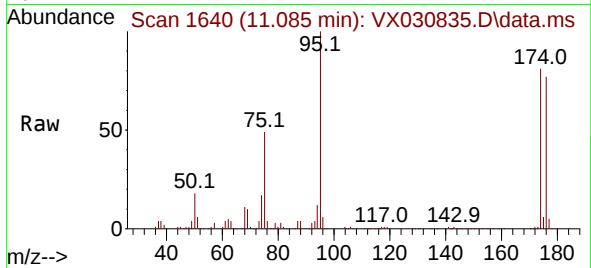




#62
4-Bromofluorobenzene
Concen: 48.142 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

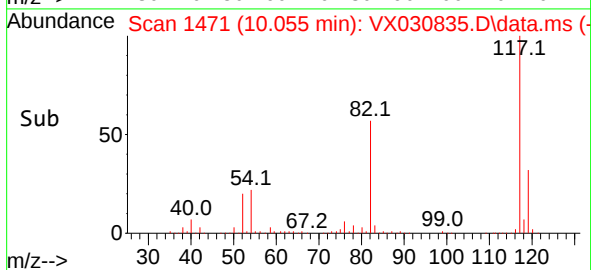
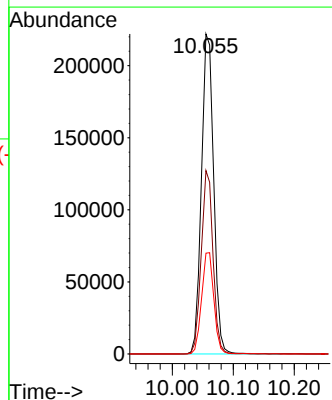
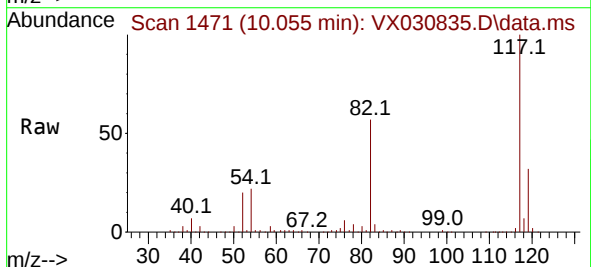
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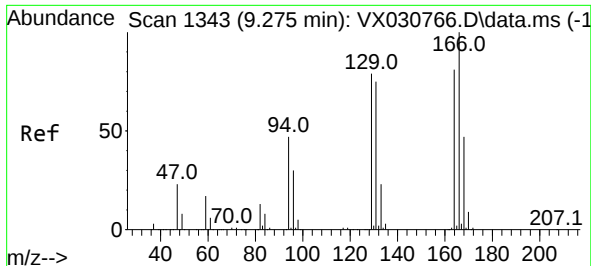
Tgt Ion: 95 Resp: 132162
Ion Ratio Lower Upper
95 100
174 79.8 0.0 149.0
176 76.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Tgt Ion: 117 Resp: 310234
Ion Ratio Lower Upper
117 100
82 57.3 42.7 64.1
119 31.5 25.4 38.2

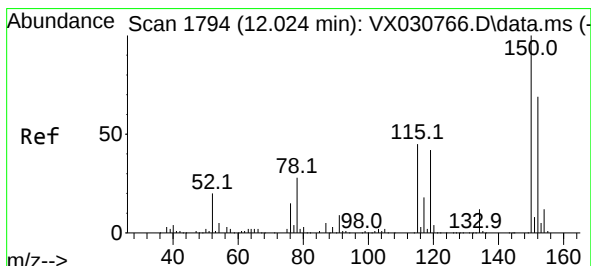
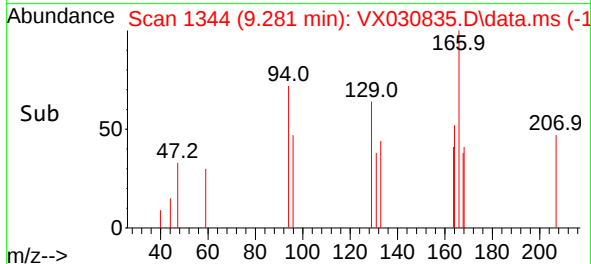
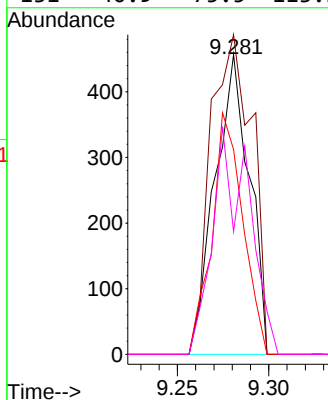
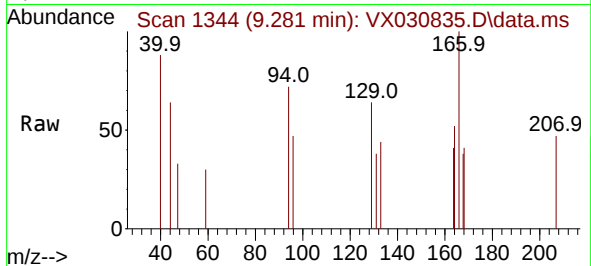




#64
Tetrachloroethene
Concen: 0.244 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20220818

Tgt Ion:164 Resp: 597
Ion Ratio Lower Upper
164 100
166 106.6 98.2 147.4
129 68.3 80.8 121.2#
131 40.9 75.5 113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030835.D
Acq: 26 Aug 2022 19:24

Tgt Ion:152 Resp: 126256
Ion Ratio Lower Upper
152 100
115 59.4 40.5 121.5
150 159.1 0.0 347.0

