

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081821\
 Data File : VX023823.D
 Acq On : 18 Aug 2021 17:48
 Operator : JC/MD
 Sample : PB138522ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB138522ZHE#08

Quant Time: Aug 19 04:20:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

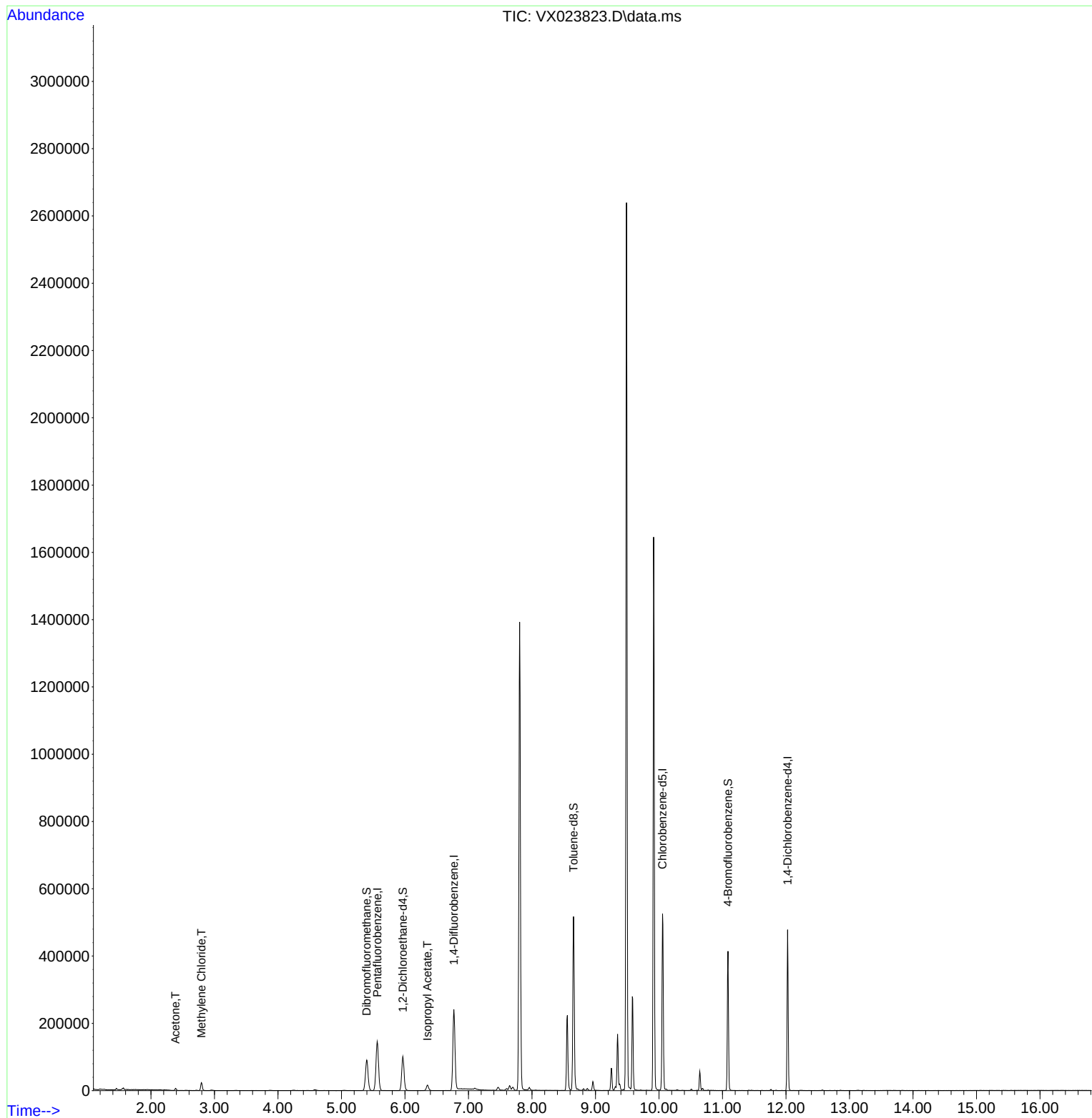
Internal Standards						
1) Pentafluorobenzene	5.562	168	135339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	231553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98797	52.304	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.600%	
35) Dibromofluoromethane	5.397	113	77234	50.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.780%	
50) Toluene-d8	8.653	98	297138	50.940	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	11.085	95	101818	47.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.840%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	6469	7.659	ug/l	95
20) Methylene Chloride	2.794	84	10039	6.223	ug/l	89
43) Isopropyl Acetate	6.355	43	21230	5.149	ug/l	94

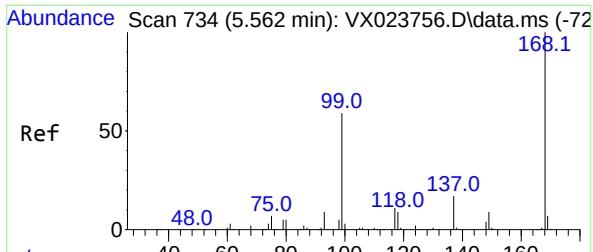
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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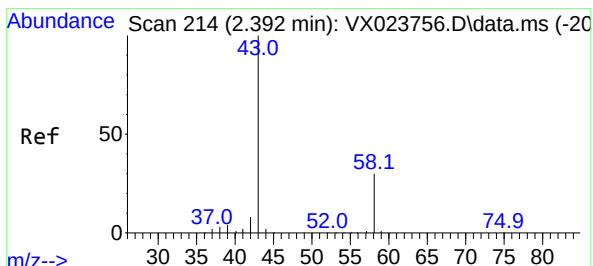
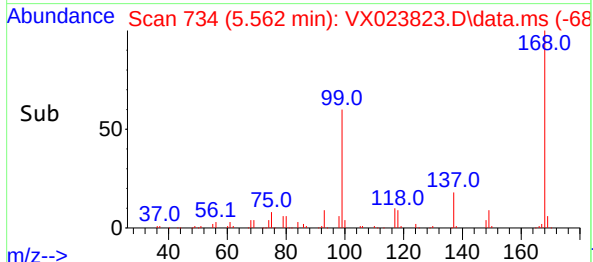
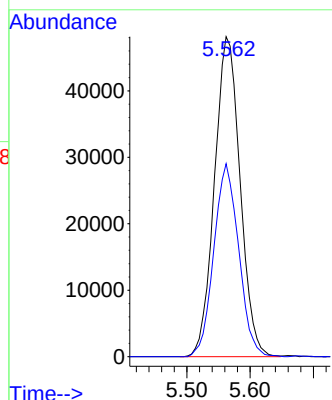
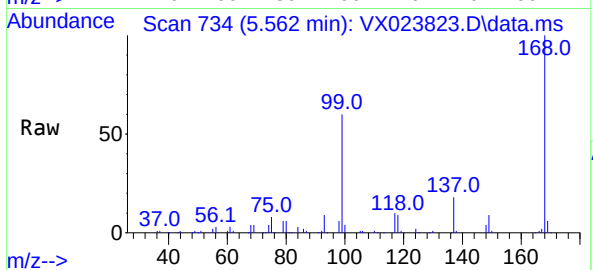




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023823.D
Acq: 18 Aug 2021 17:48

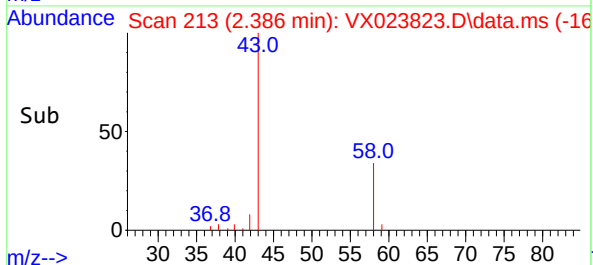
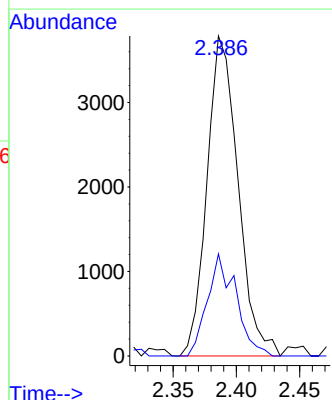
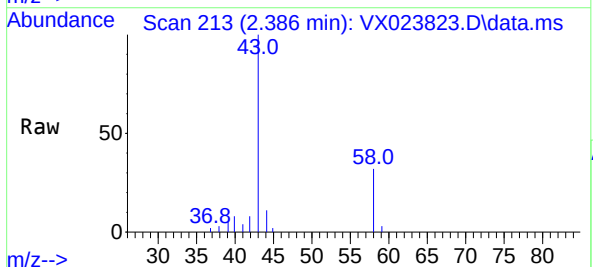
Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#08

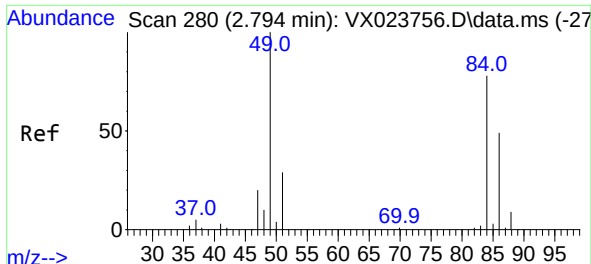
Tgt Ion:168 Resp: 135339
Ion Ratio Lower Upper
168 100
99 60.3 45.8 68.6



#16
Acetone
Concen: 7.659 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023823.D
Acq: 18 Aug 2021 17:48

Tgt Ion: 43 Resp: 6469
Ion Ratio Lower Upper
43 100
58 31.9 27.8 41.8





#20

Methylene Chloride

Concen: 6.223 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023823.D

Acq: 18 Aug 2021 17:48

Instrument :

MSVOA_X

ClientSampleId :

PB138522ZHE#08

Tgt Ion: 84 Resp: 10039

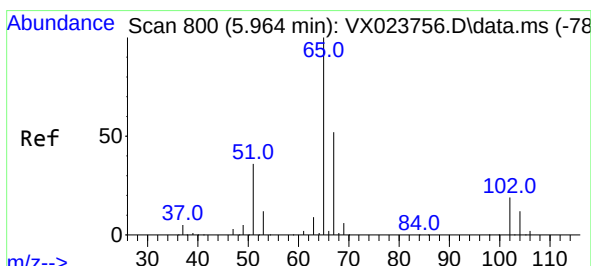
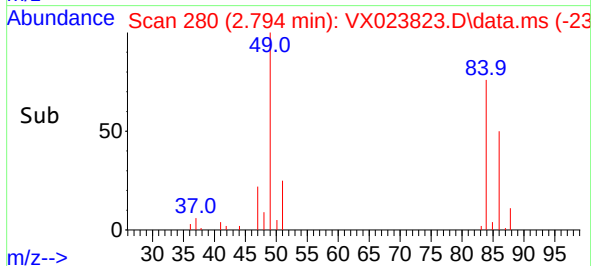
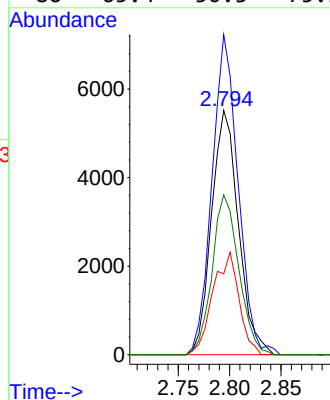
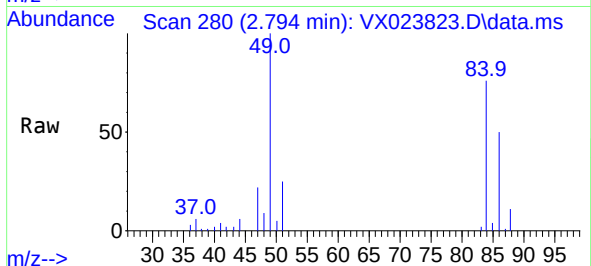
Ion Ratio Lower Upper

84 100

49 131.0 88.6 132.8

51 33.1 27.0 40.6

86 65.4 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 52.304 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023823.D

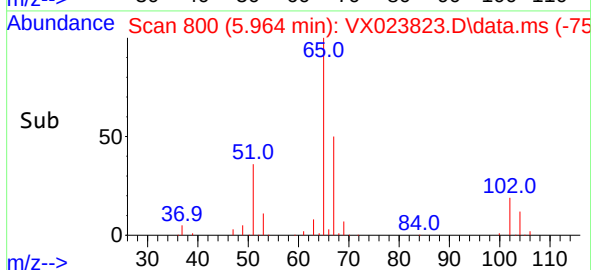
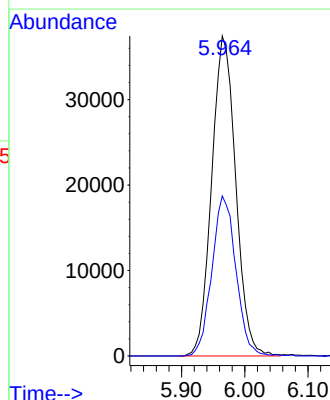
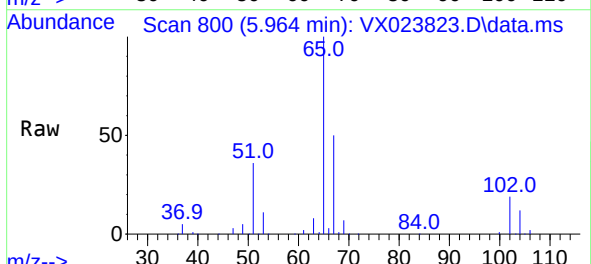
Acq: 18 Aug 2021 17:48

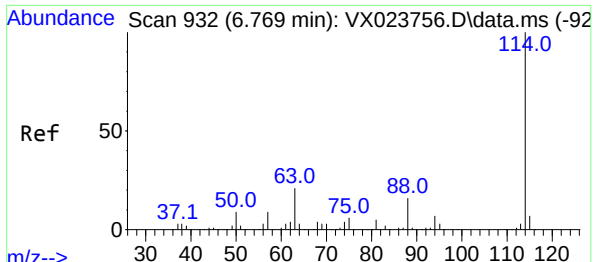
Tgt Ion: 65 Resp: 98797

Ion Ratio Lower Upper

65 100

67 50.0 0.0 105.4

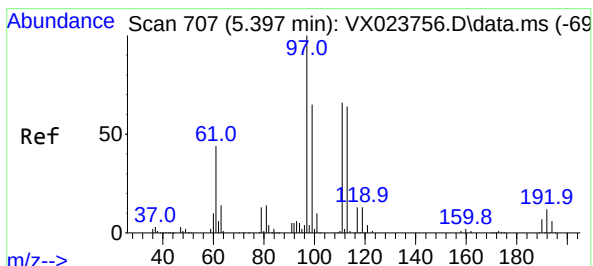
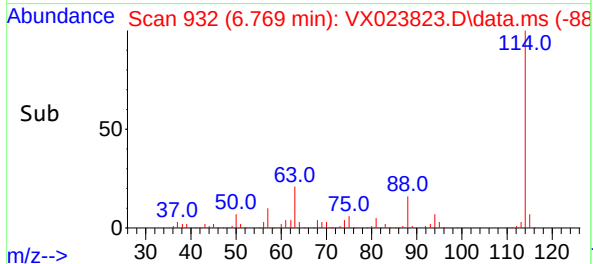
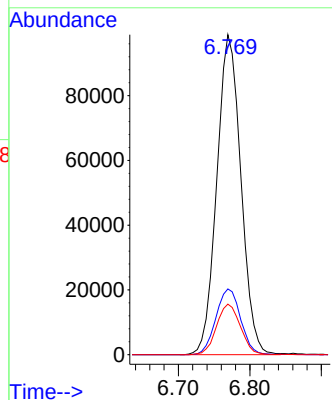
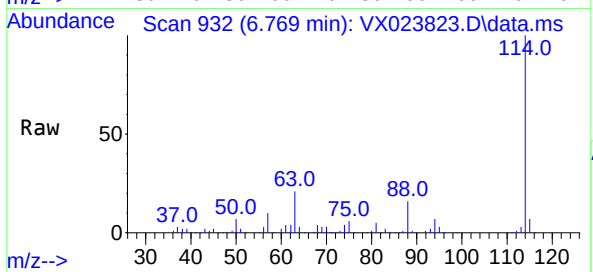




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023823.D
Acq: 18 Aug 2021 17:48

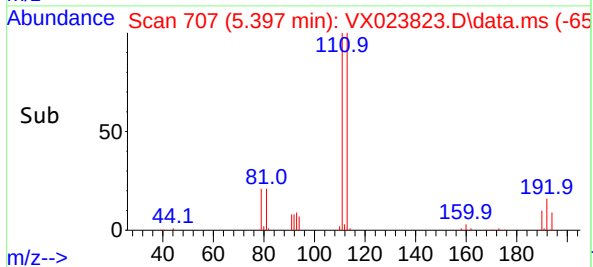
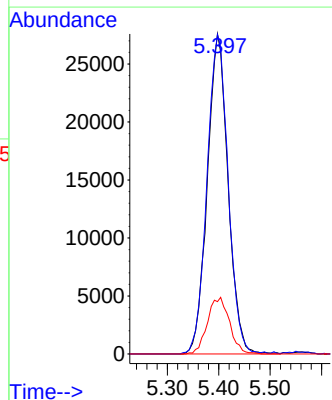
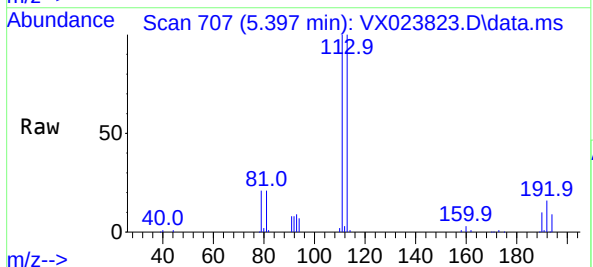
Instrument :
MSVOA_X
ClientSampleId :
PB138522ZHE#08

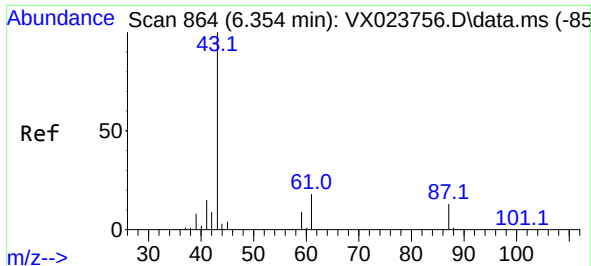
Tgt Ion:114 Resp: 231553
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.394 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023823.D
Acq: 18 Aug 2021 17:48

Tgt Ion:113 Resp: 77234
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 18.8 16.7 25.1

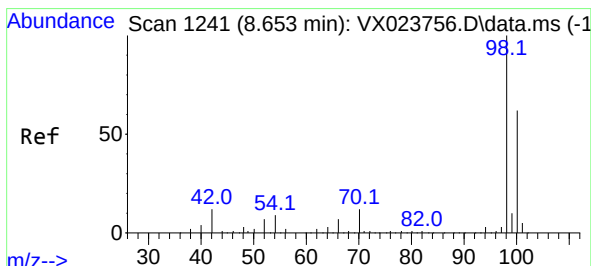
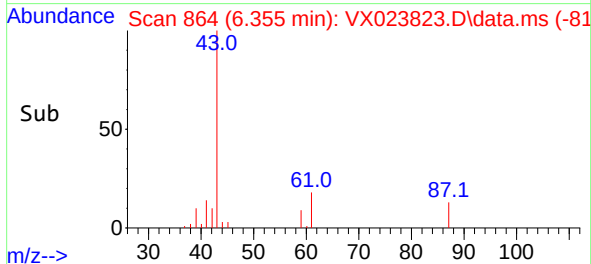
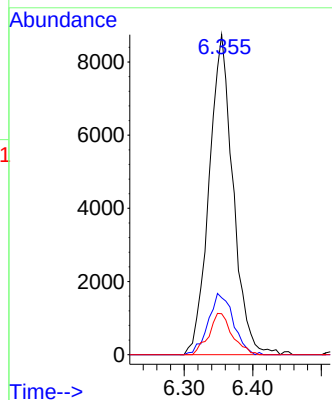
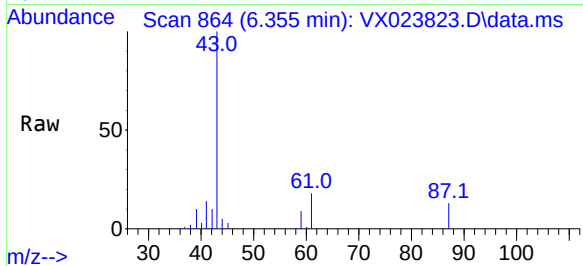




#43
Isopropyl Acetate
Concen: 5.149 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023823.D
Acq: 18 Aug 2021 17:48

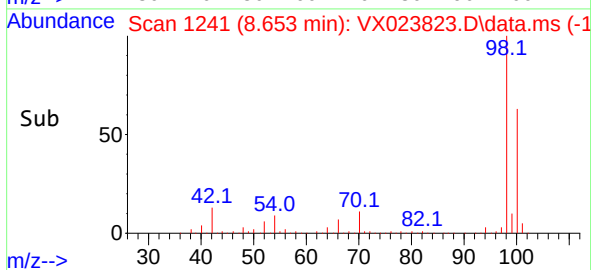
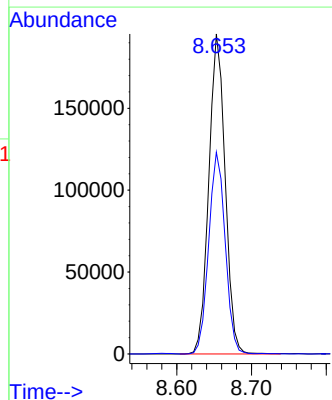
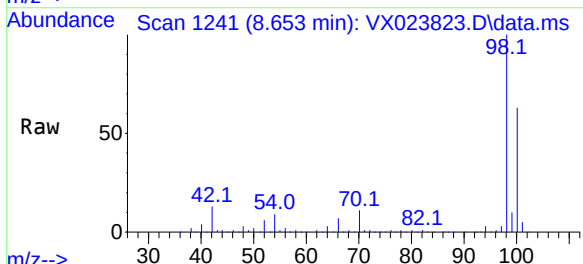
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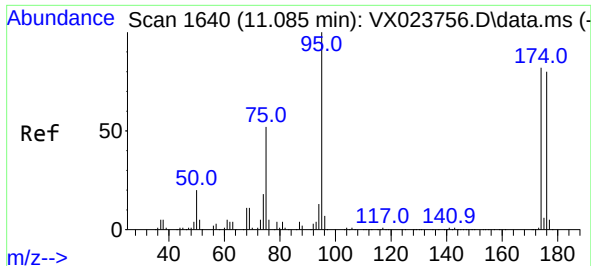
Tgt Ion: 43	Resp: 21230
Ion Ratio	Lower Upper
43 100	
61 19.9	18.2 27.4
87 12.6	12.5 18.7



#50
Toluene-d8
Concen: 50.940 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023823.D
Acq: 18 Aug 2021 17:48

Tgt Ion: 98	Resp: 297138
Ion Ratio	Lower Upper
98 100	
100 63.7	51.9 77.9

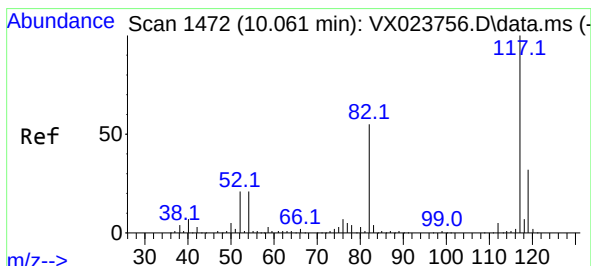
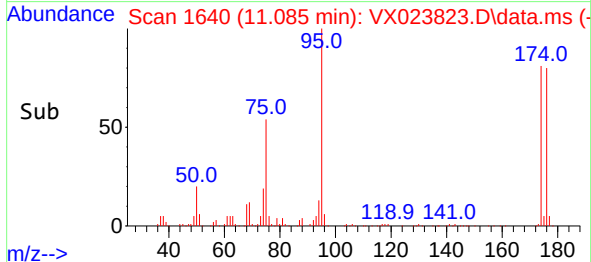
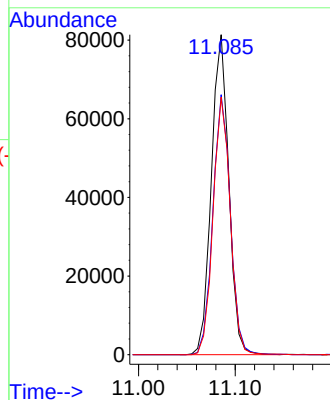
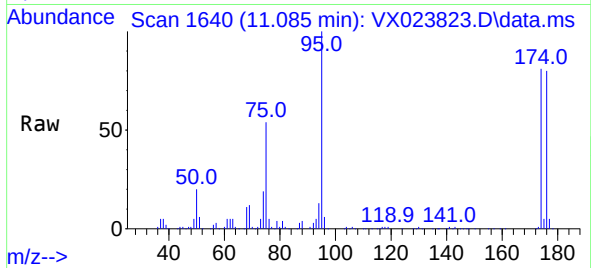




#62
4-Bromofluorobenzene
Concen: 47.416 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023823.D
Acq: 18 Aug 2021 17:48

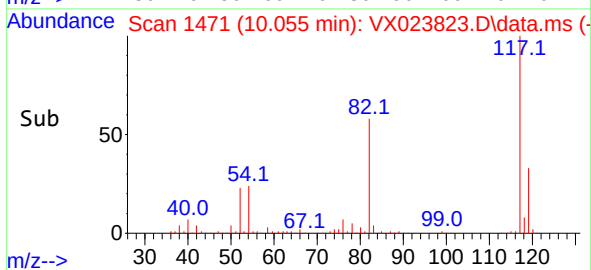
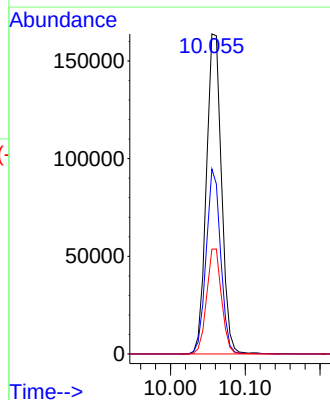
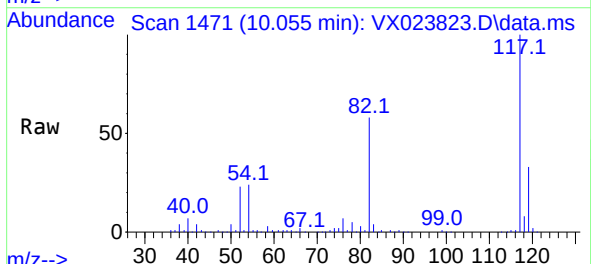
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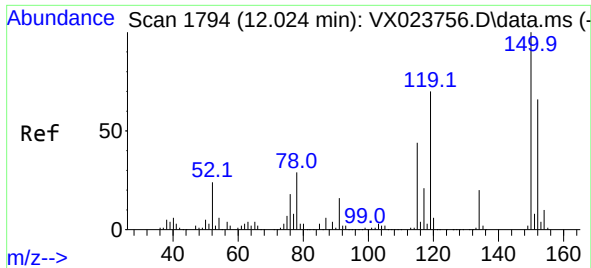
Tgt Ion: 95 Resp: 101818
Ion Ratio Lower Upper
95 100
174 81.4 0.0 154.6
176 79.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023823.D
Acq: 18 Aug 2021 17:48

Tgt Ion: 117 Resp: 230812
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.8 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023823.D
 Acq: 18 Aug 2021 17:48

Instrument :
 MSVOA_X
 ClientSampleId :
 PB138522ZHE#08

Tgt Ion:152 Resp: 91217
 Ion Ratio Lower Upper
 152 100
 115 60.5 41.1 123.3
 150 158.3 0.0 349.0

