

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025820.D
 Acq On : 15 Dec 2021 17:26
 Operator : JC/MD
 Sample : PB141382TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141382TB

Quant Time: Dec 16 07:30:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

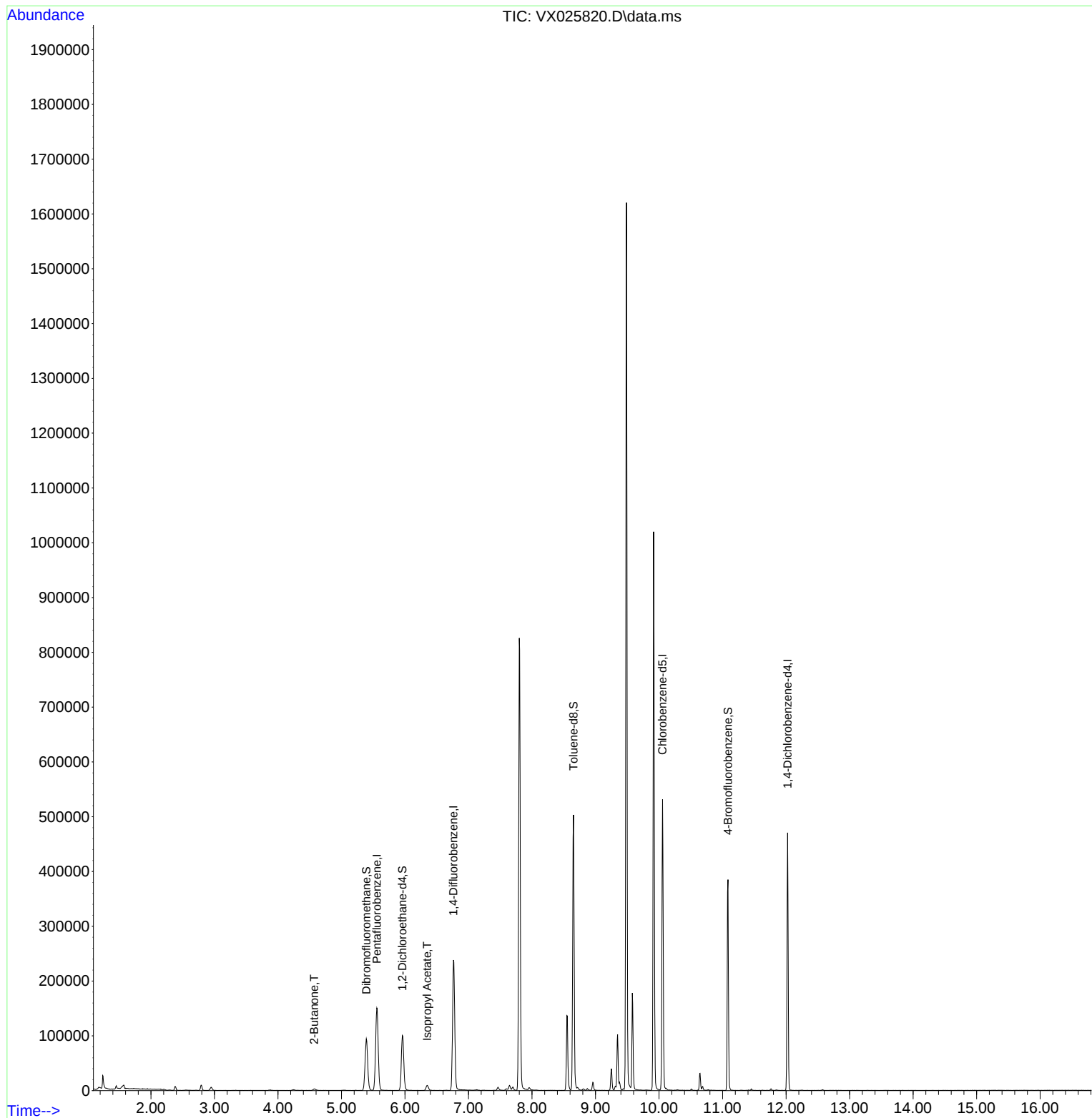
Internal Standards						
1) Pentafluorobenzene	5.556	168	140448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96698	47.851	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.700%
35) Dibromofluoromethane	5.391	113	79637	46.349	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.700%
50) Toluene-d8	8.653	98	296186	47.312	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.620%
62) 4-Bromofluorobenzene	11.085	95	103969	43.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.440%
Target Compounds						
					Qvalue	
25) 2-Butanone	4.568	43	4650	3.421	ug/l #	86
43) Isopropyl Acetate	6.348	43	12434	2.981	ug/l	97

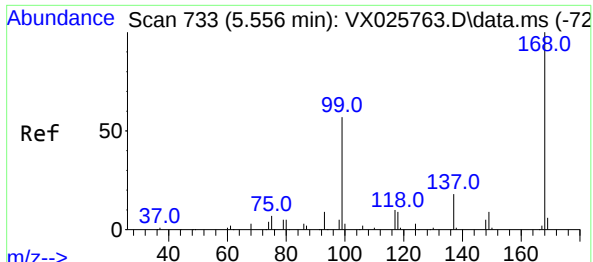
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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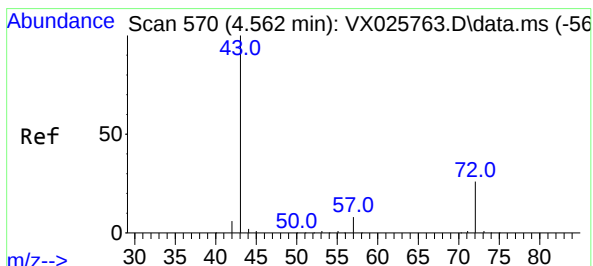
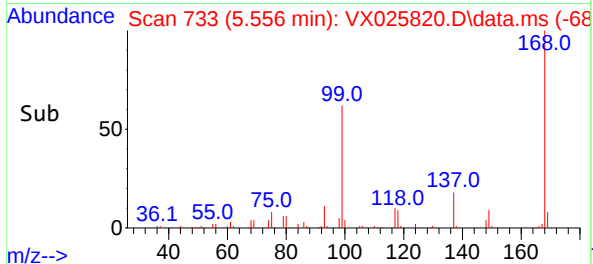
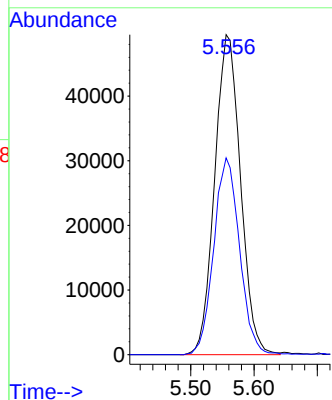
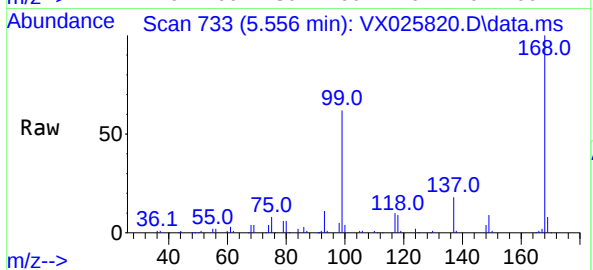




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025820.D
Acq: 15 Dec 2021 17:26

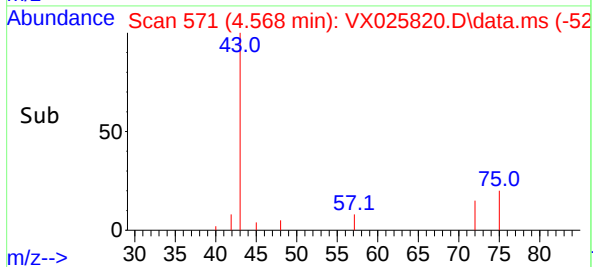
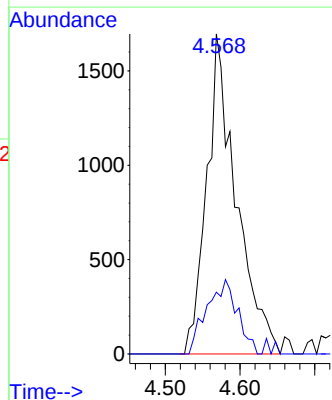
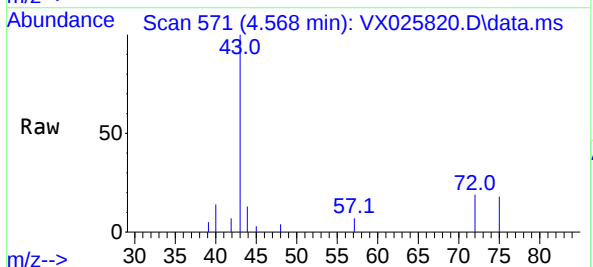
Instrument :
MSVOA_X
ClientSampleId :
PB141382TB

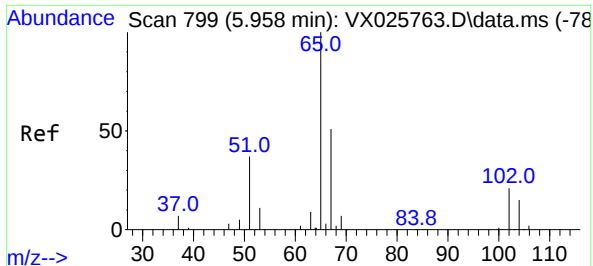
Tgt Ion:168 Resp: 140448
Ion Ratio Lower Upper
168 100
99 61.5 45.8 68.8



#25
2-Butanone
Concen: 3.421 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX025820.D
Acq: 15 Dec 2021 17:26

Tgt Ion: 43 Resp: 4650
Ion Ratio Lower Upper
43 100
72 19.3 21.0 31.4#

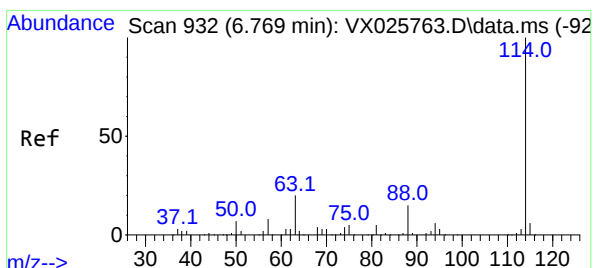
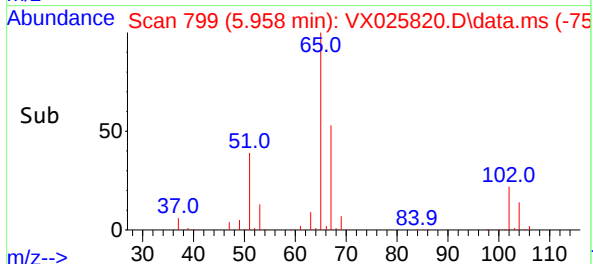
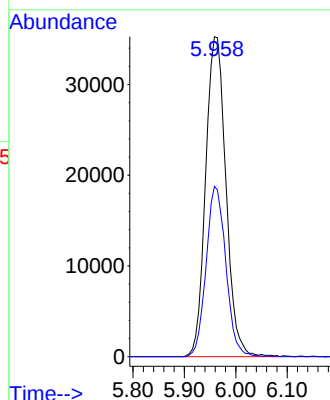
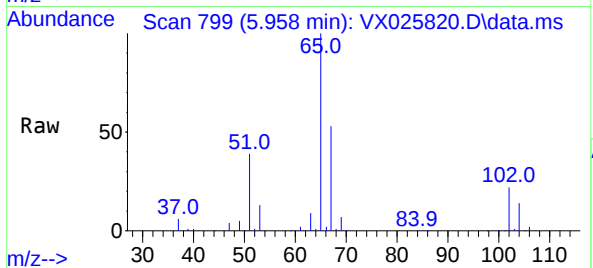




#33
 1,2-Dichloroethane-d4
 Concen: 47.851 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX025820.D
 Acq: 15 Dec 2021 17:26

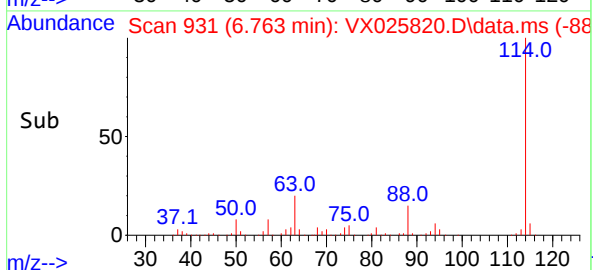
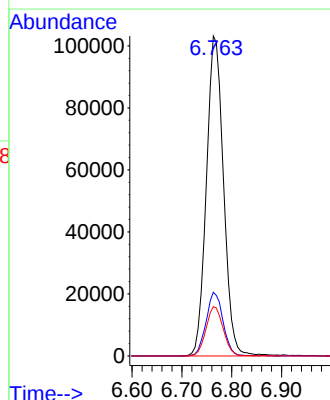
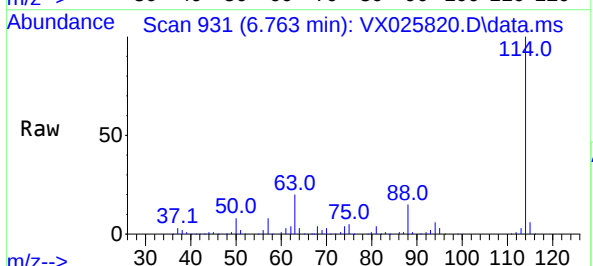
Instrument :
 MSVOA_X
 ClientSampleId :
 PB141382TB

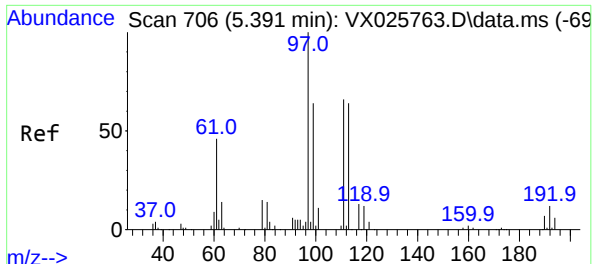
Tgt Ion: 65 Resp: 96698
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX025820.D
 Acq: 15 Dec 2021 17:26

Tgt Ion: 114 Resp: 246368
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.349 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025820.D

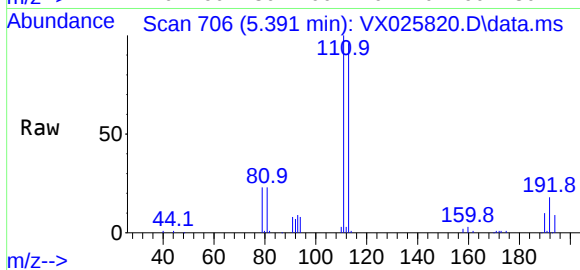
Acq: 15 Dec 2021 17:26

Instrument :

MSVOA_X

ClientSampleId :

PB141382TB



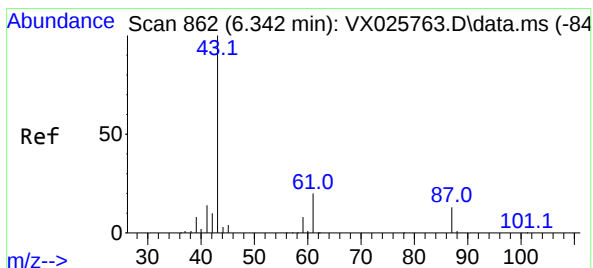
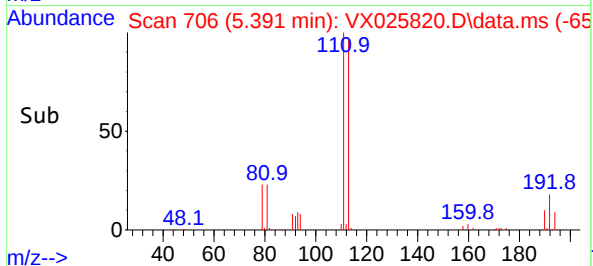
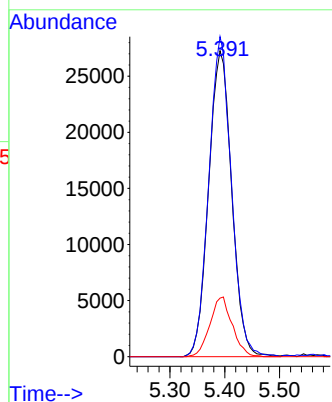
Tgt Ion:113 Resp: 79637

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

192 18.9 15.0 22.4



#43

Isopropyl Acetate

Concen: 2.981 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX025820.D

Acq: 15 Dec 2021 17:26

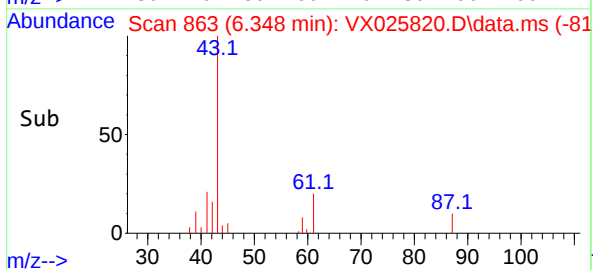
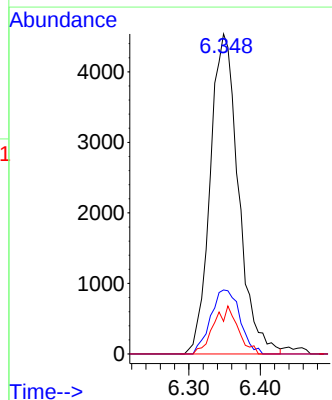
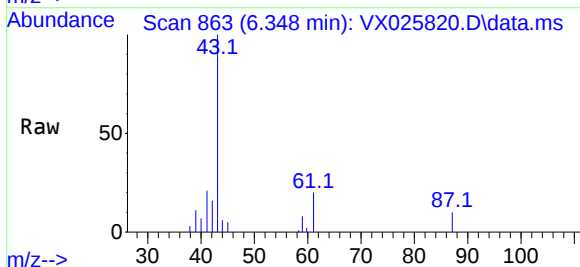
Tgt Ion: 43 Resp: 12434

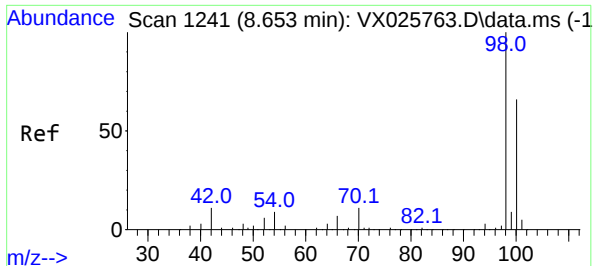
Ion Ratio Lower Upper

43 100

61 20.7 15.7 23.5

87 12.9 11.2 16.8

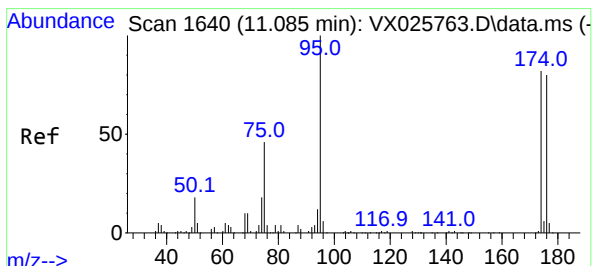
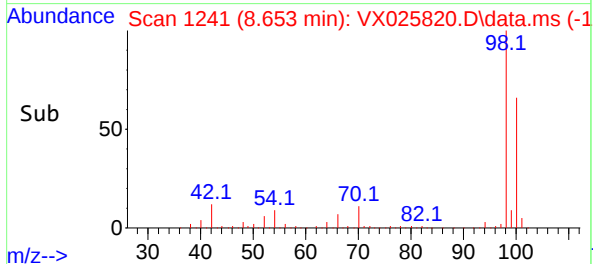
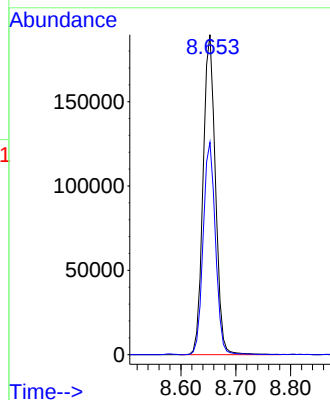
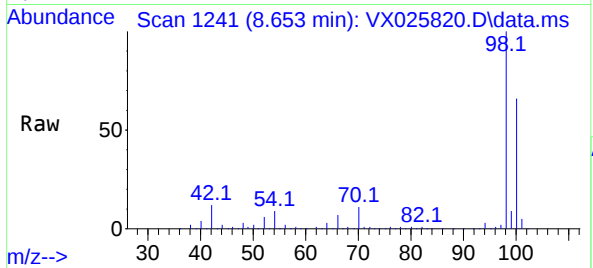




#50
Toluene-d8
Concen: 47.312 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025820.D
Acq: 15 Dec 2021 17:26

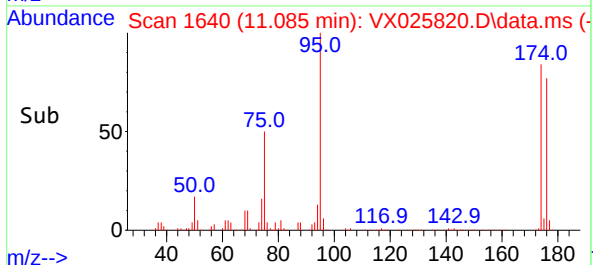
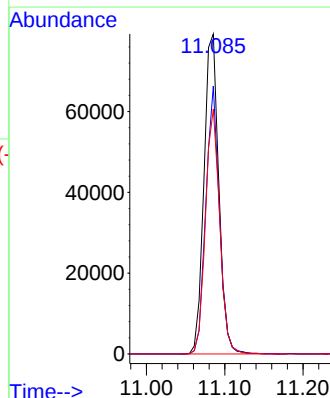
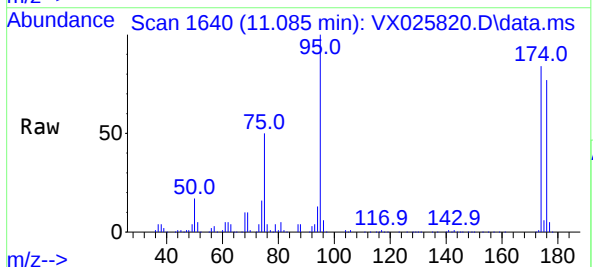
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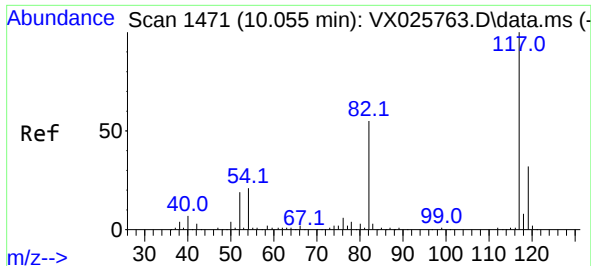
Tgt Ion: 98 Resp: 296186
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.720 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025820.D
Acq: 15 Dec 2021 17:26

Tgt Ion: 95 Resp: 103969
Ion Ratio Lower Upper
95 100
174 76.9 0.0 157.4
176 73.6 0.0 154.6

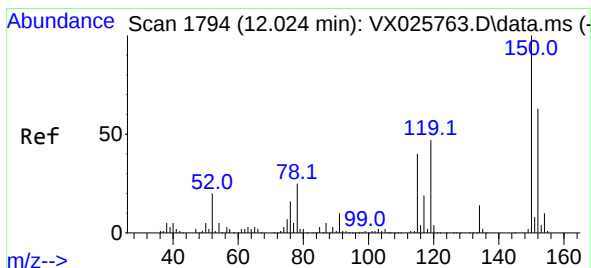
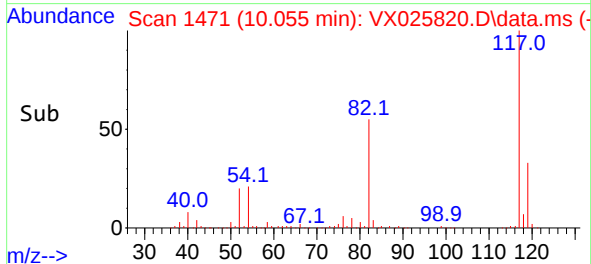
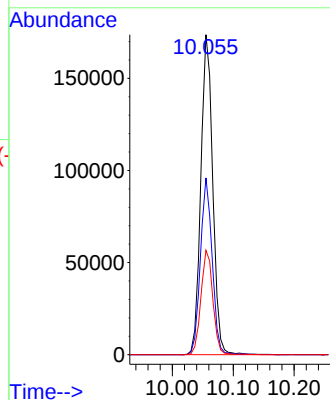
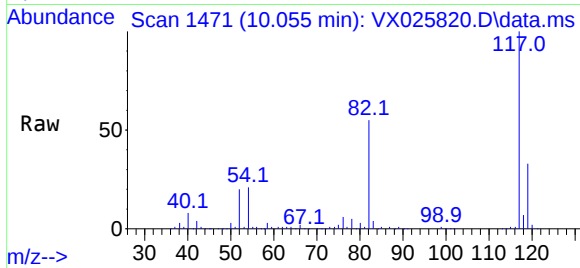




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025820.D
Acq: 15 Dec 2021 17:26

Instrument :
MSVOA_X
ClientSampleId :
PB141382TB

Tgt Ion:117 Resp: 235736
Ion Ratio Lower Upper
117 100
82 55.3 43.8 65.6
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025820.D
Acq: 15 Dec 2021 17:26

Tgt Ion:152 Resp: 95559
Ion Ratio Lower Upper
152 100
115 60.3 41.3 123.9
150 157.0 0.0 351.8

