

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025822.D
 Acq On : 15 Dec 2021 18:13
 Operator : JC/MD
 Sample : PB141382ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141382ZHE#02

Quant Time: Dec 16 07:30:50 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)

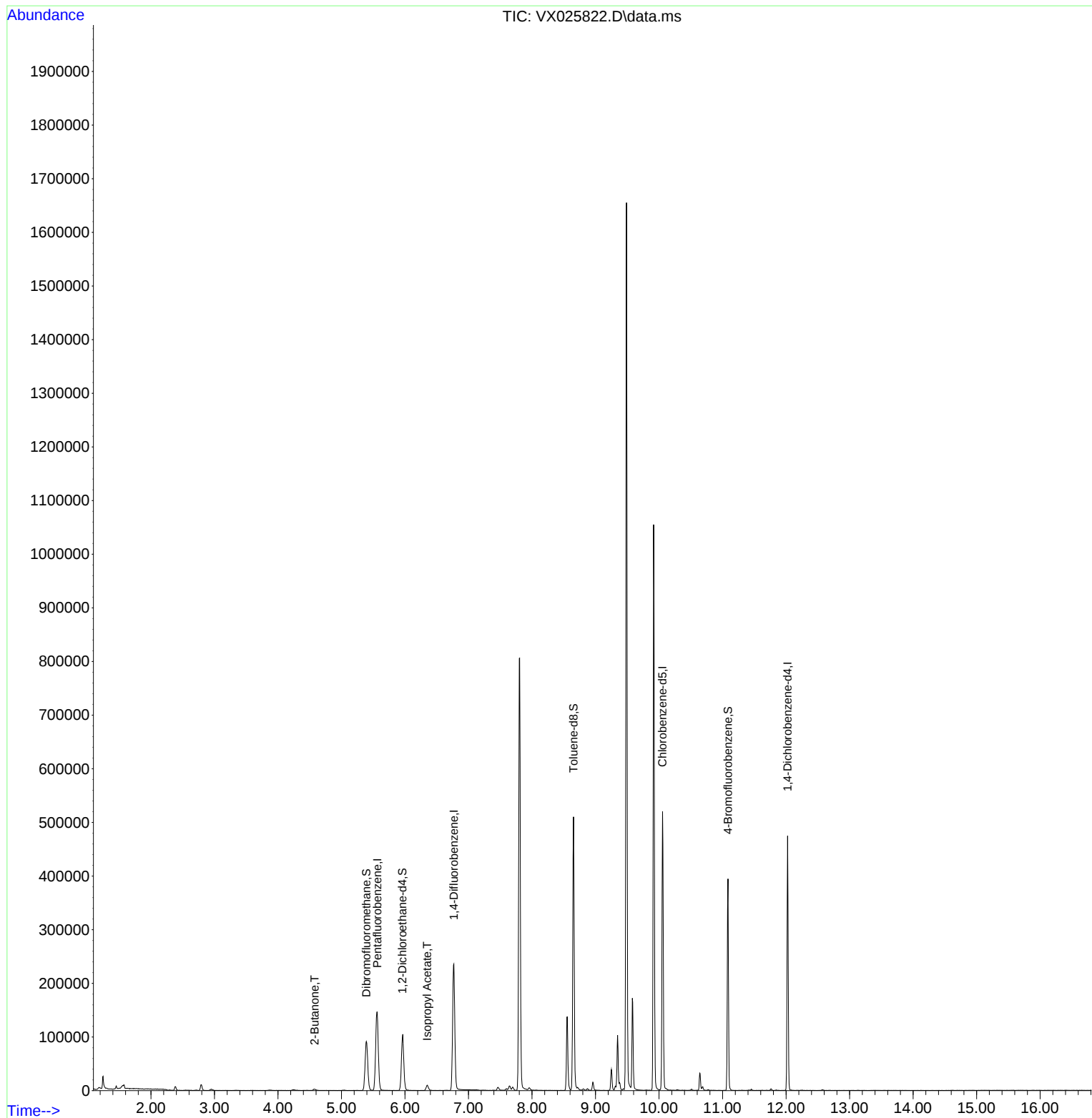
Internal Standards						
1) Pentafluorobenzene	5.562	168	139866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95227	47.320	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.640%
35) Dibromofluoromethane	5.391	113	79314	46.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	8.653	98	296439	48.103	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.200%
62) 4-Bromofluorobenzene	11.085	95	102657	43.853	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.700%
Target Compounds						
					Qvalue	
25) 2-Butanone	4.574	43	4268	3.153	ug/l #	89
43) Isopropyl Acetate	6.348	43	12829	3.125	ug/l	97

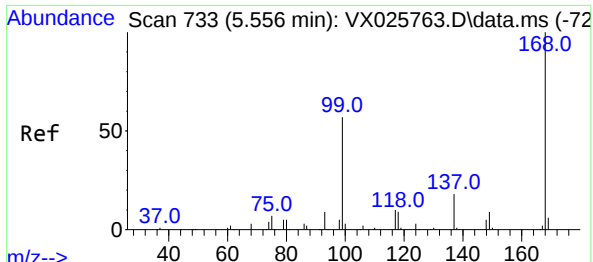
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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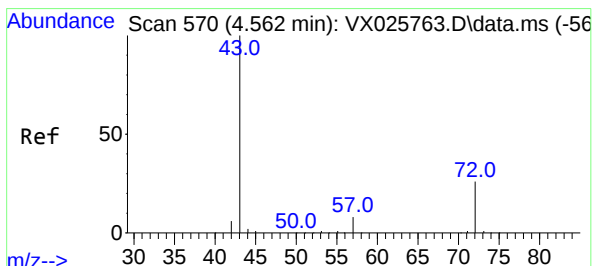
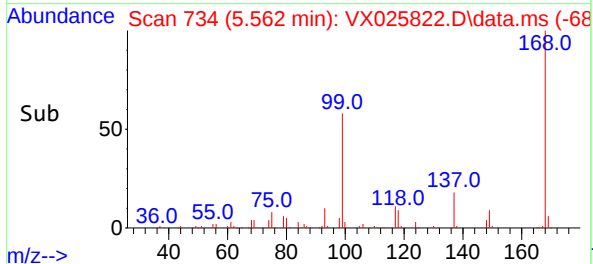
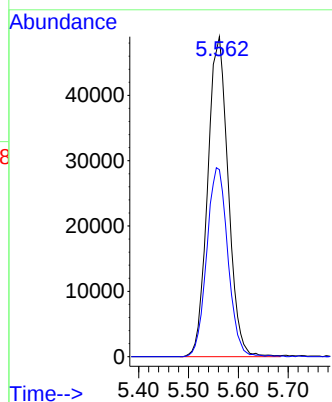
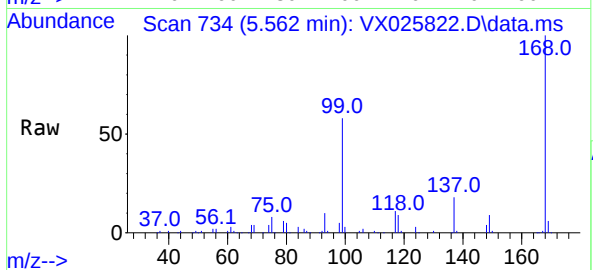




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025822.D
Acq: 15 Dec 2021 18:13

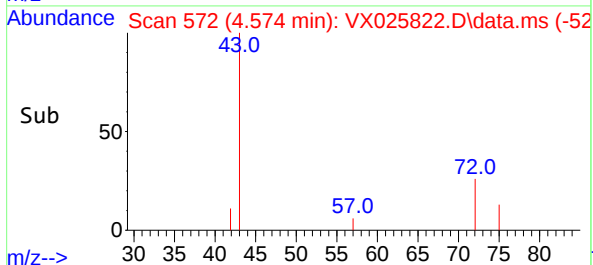
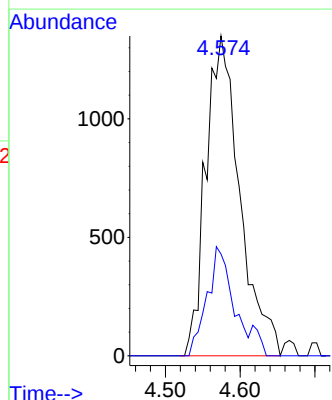
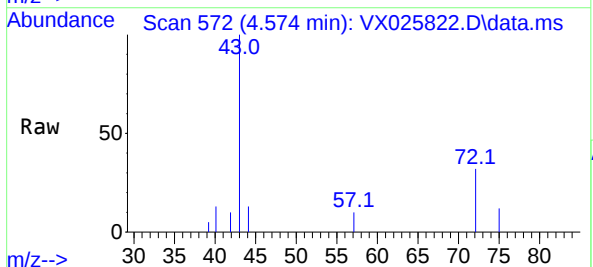
Instrument :
MSVOA_X
ClientSampleId :
PB141382ZHE#02

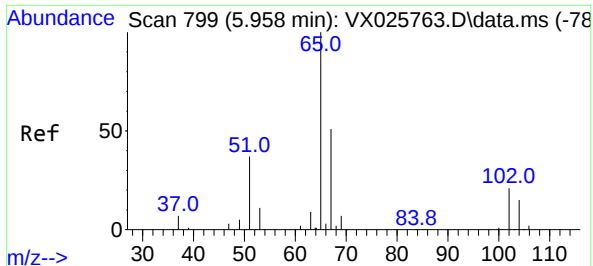
Tgt Ion:168 Resp: 139866
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.8



#25
2-Butanone
Concen: 3.153 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX025822.D
Acq: 15 Dec 2021 18:13

Tgt Ion: 43 Resp: 4268
Ion Ratio Lower Upper
43 100
72 31.9 21.0 31.4#

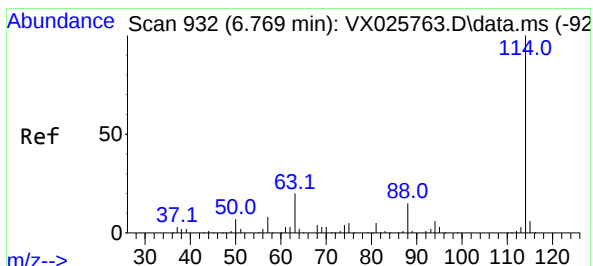
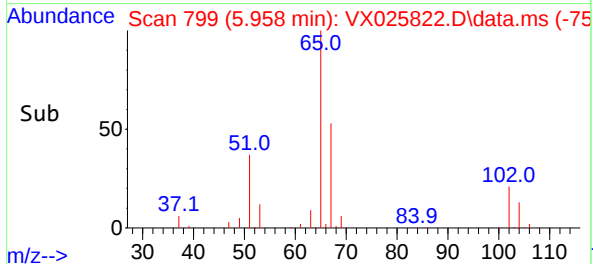
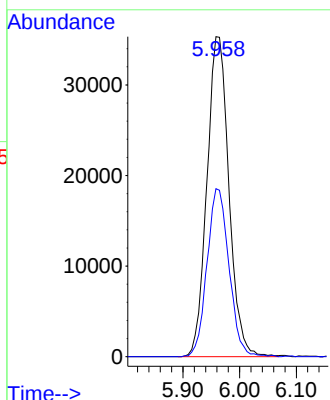
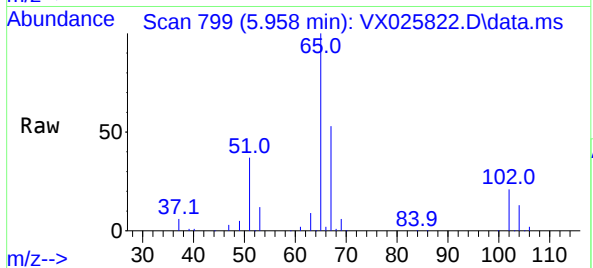




#33
1,2-Dichloroethane-d4
Concen: 47.320 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025822.D
Acq: 15 Dec 2021 18:13

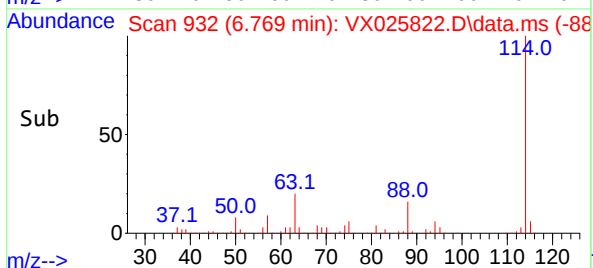
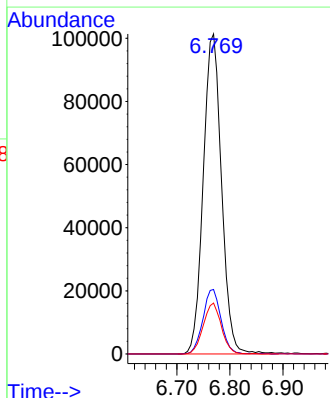
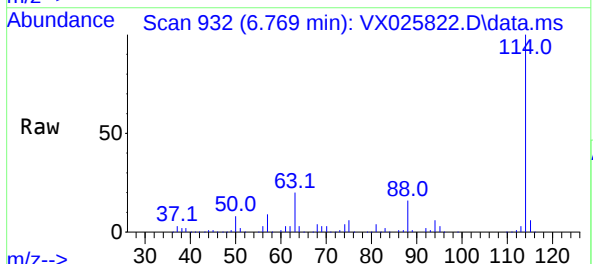
Instrument :
MSVOA_X
ClientSampleId :
PB141382ZHE#02

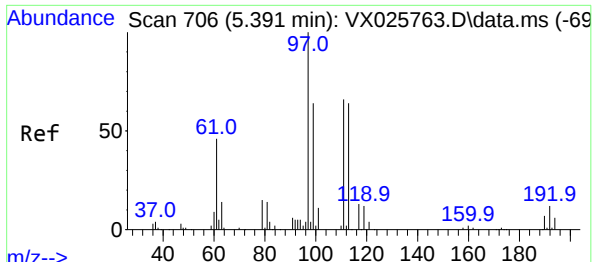
Tgt Ion: 65 Resp: 95227
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX025822.D
Acq: 15 Dec 2021 18:13

Tgt Ion: 114 Resp: 242525
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.893 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025822.D

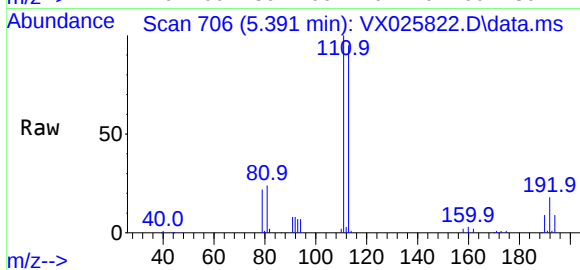
Acq: 15 Dec 2021 18:13

Instrument :

MSVOA_X

ClientSampleId :

PB141382ZHE#02



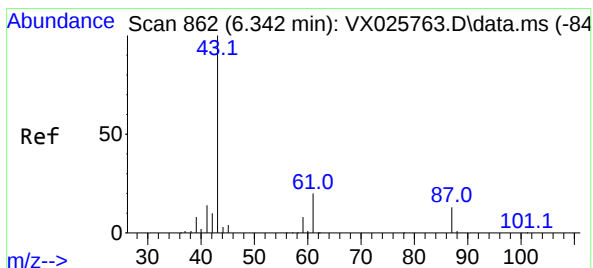
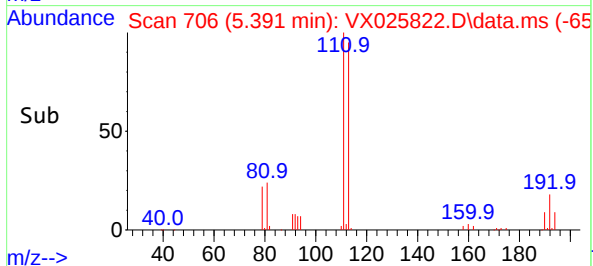
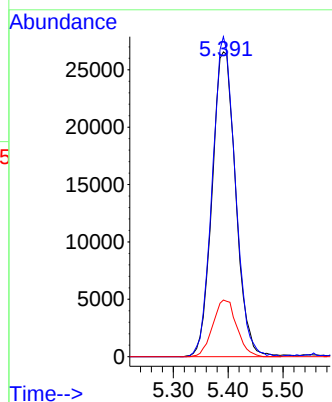
Tgt Ion:113 Resp: 79314

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

192 18.9 15.0 22.4



#43

Isopropyl Acetate

Concen: 3.125 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX025822.D

Acq: 15 Dec 2021 18:13

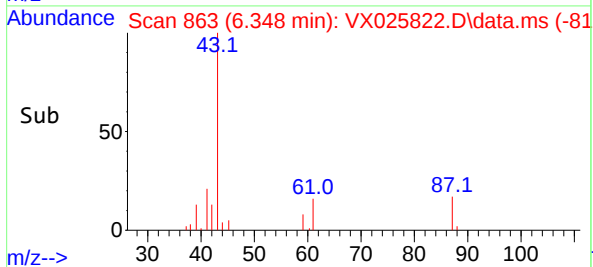
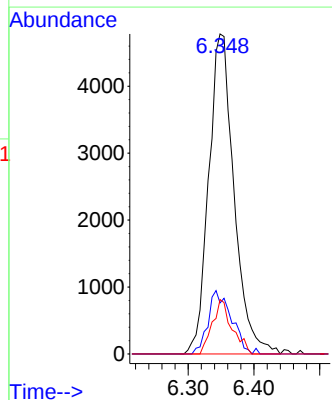
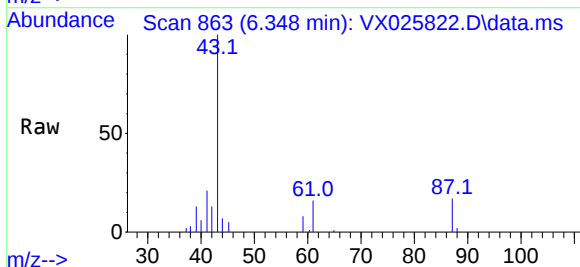
Tgt Ion: 43 Resp: 12829

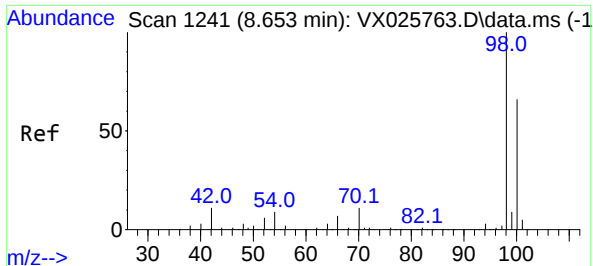
Ion Ratio Lower Upper

43 100

61 18.2 15.7 23.5

87 13.2 11.2 16.8





#50

Toluene-d8

Concen: 48.103 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025822.D

Acq: 15 Dec 2021 18:13

Instrument :

MSVOA_X

ClientSampleId :

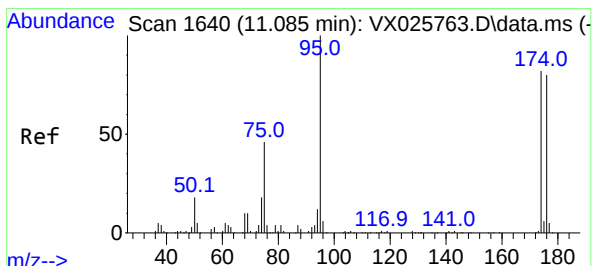
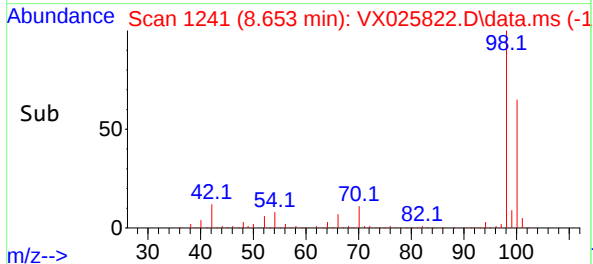
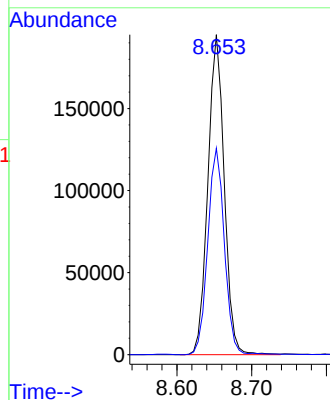
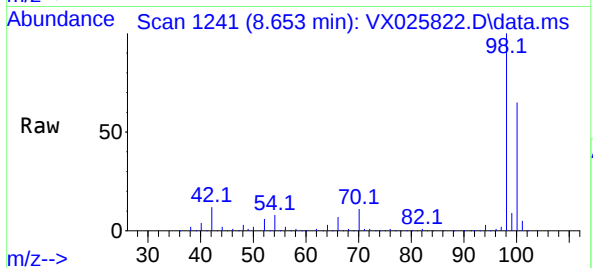
PB141382ZHE#02

Tgt Ion: 98 Resp: 296439

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 43.853 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX025822.D

Acq: 15 Dec 2021 18:13

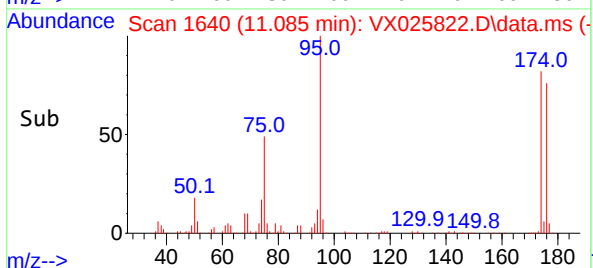
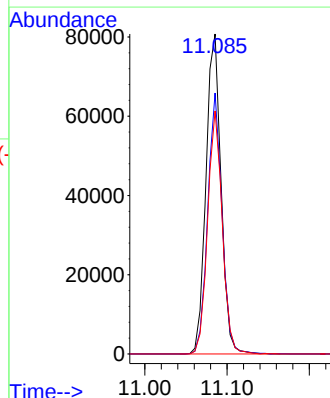
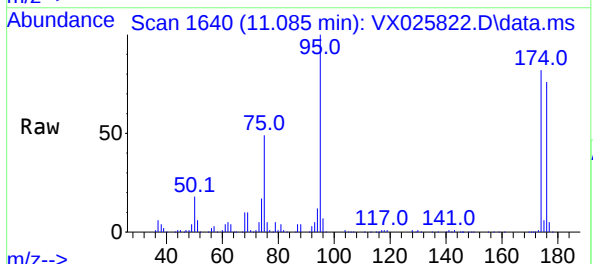
Tgt Ion: 95 Resp: 102657

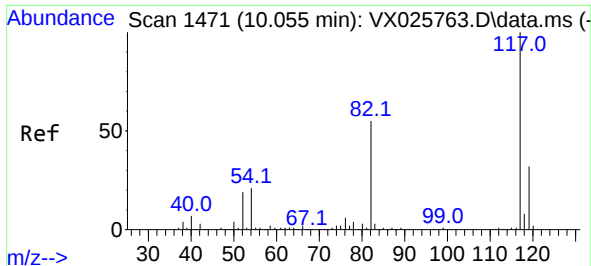
Ion Ratio Lower Upper

95 100

174 77.7 0.0 157.4

176 73.8 0.0 154.6

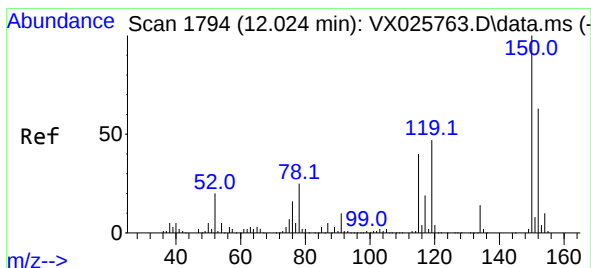
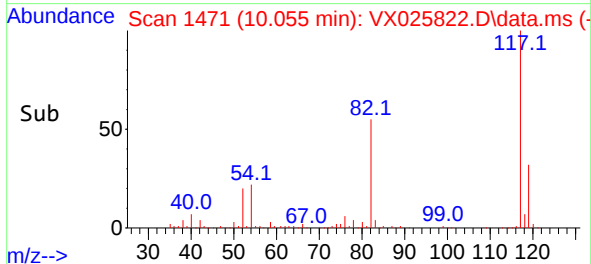
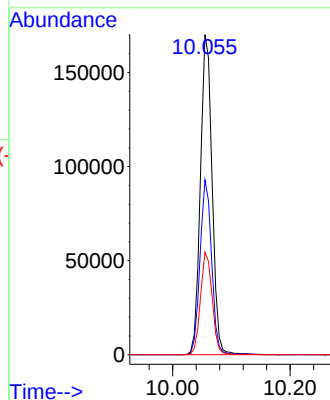
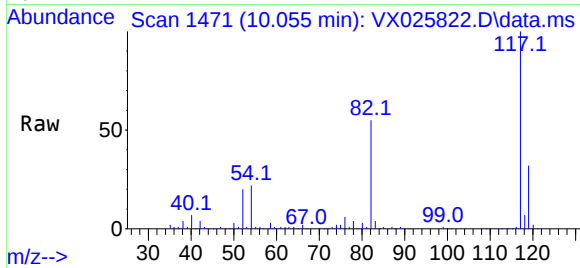




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025822.D
Acq: 15 Dec 2021 18:13

Instrument :
MSVOA_X
ClientSampleId :
PB141382ZHE#02

Tgt Ion:117 Resp: 235595
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.6
119 31.9 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: VX025822.D
Acq: 15 Dec 2021 18:13

Tgt Ion:152 Resp: 94754
Ion Ratio Lower Upper
152 100
115 59.1 41.3 123.9
150 157.4 0.0 351.8

