

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025826.D
 Acq On : 15 Dec 2021 19:47
 Operator : JC/MD
 Sample : PB141382ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141382ZHE#06

Quant Time: Dec 16 07:31:29 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)

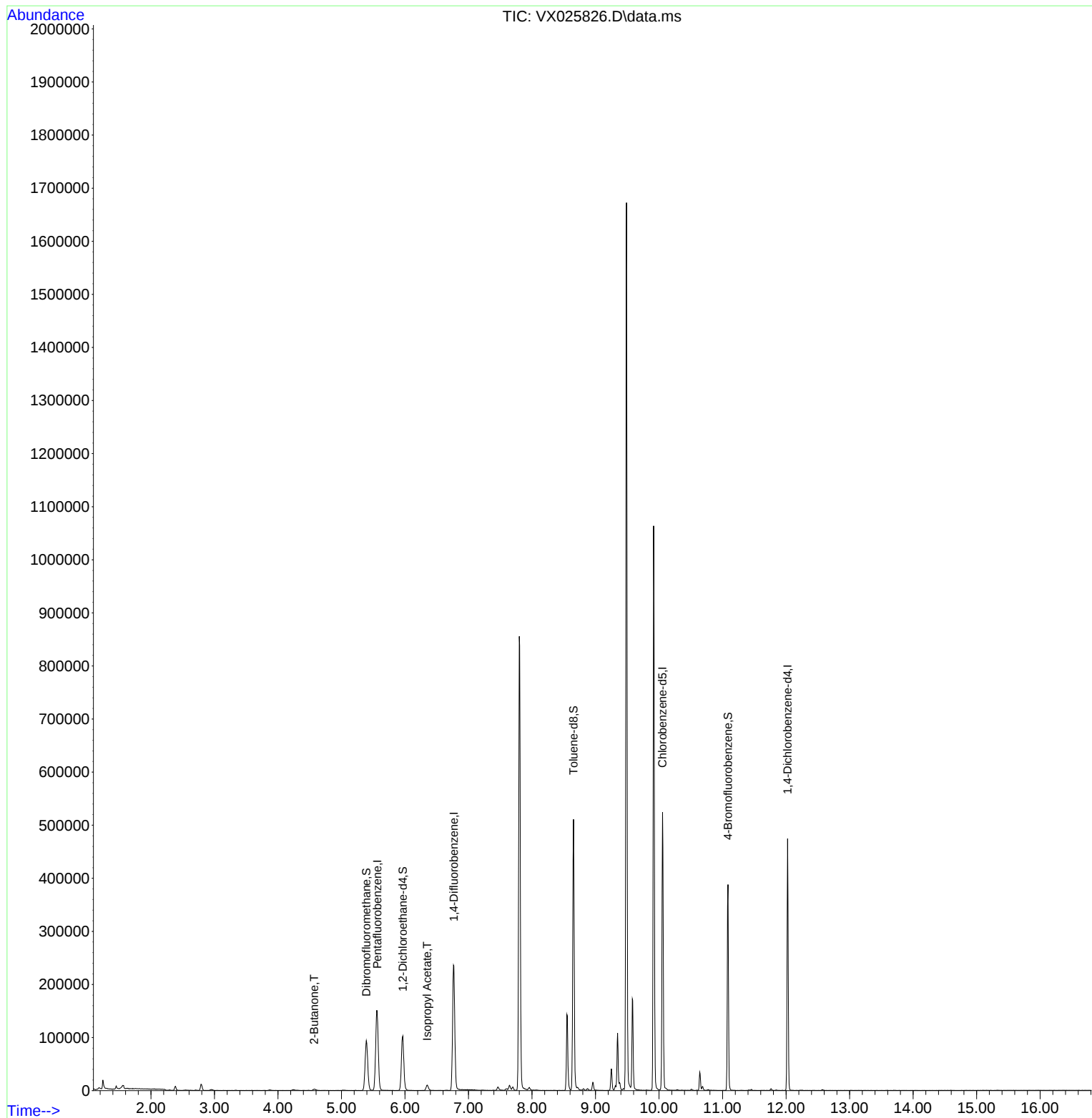
Internal Standards						
1) Pentafluorobenzene	5.562	168	139477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97315	48.492	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.980%
35) Dibromofluoromethane	5.391	113	79998	46.676	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.653	98	300724	48.157	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.085	95	102951	43.400	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.800%
Target Compounds						
					Qvalue	
25) 2-Butanone	4.568	43	4614	3.418	ug/l	91
43) Isopropyl Acetate	6.348	43	13352	3.209	ug/l	99

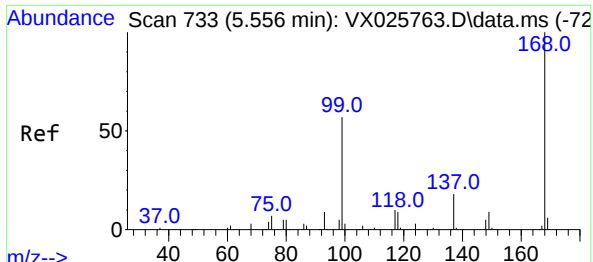
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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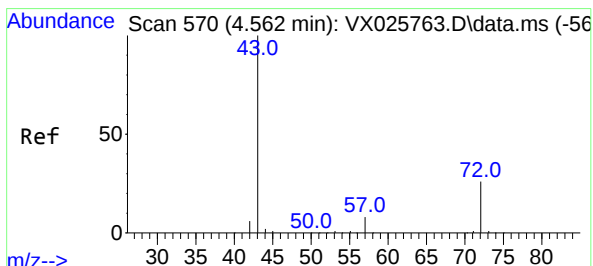
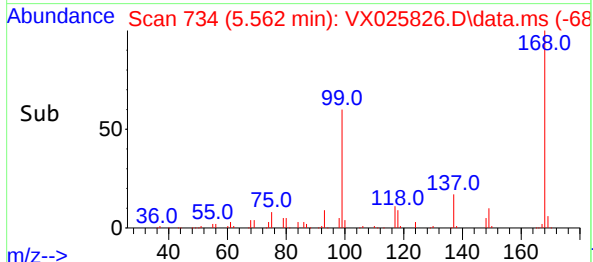
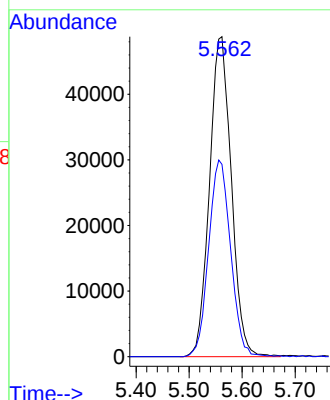
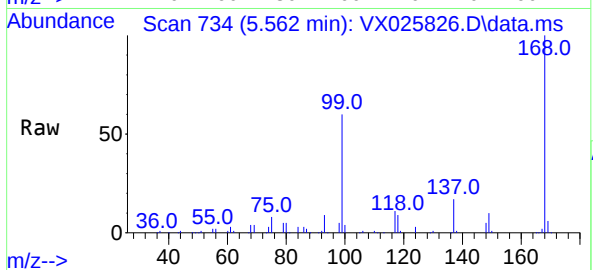




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025826.D
Acq: 15 Dec 2021 19:47

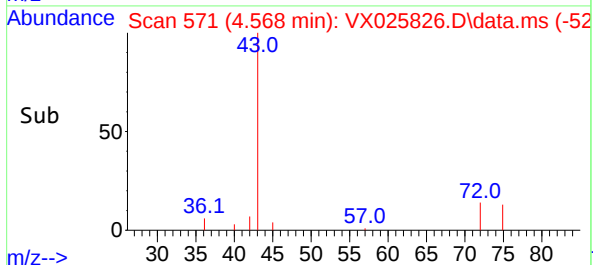
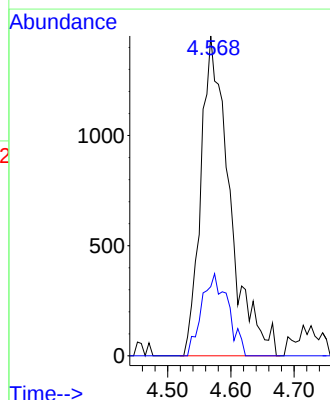
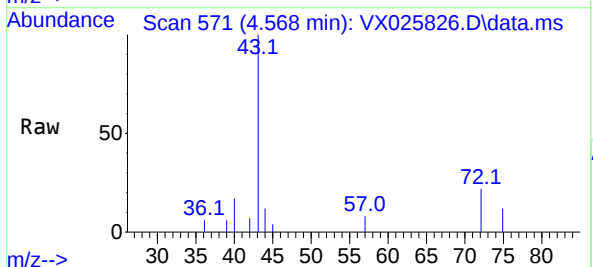
Instrument :
MSVOA_X
ClientSampleId :
PB141382ZHE#06

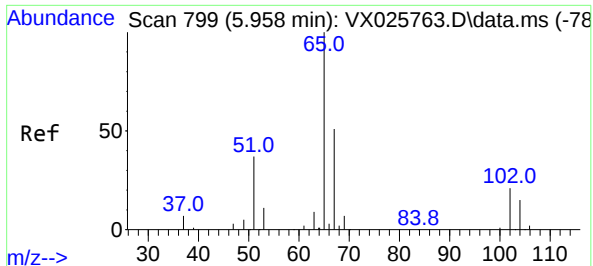
Tgt Ion:168 Resp: 139477
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.8



#25
2-Butanone
Concen: 3.418 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX025826.D
Acq: 15 Dec 2021 19:47

Tgt Ion: 43 Resp: 4614
Ion Ratio Lower Upper
43 100
72 21.6 21.0 31.4





#33

1,2-Dichloroethane-d4

Concen: 48.492 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX025826.D

Acq: 15 Dec 2021 19:47

Instrument :

MSVOA_X

ClientSampleId :

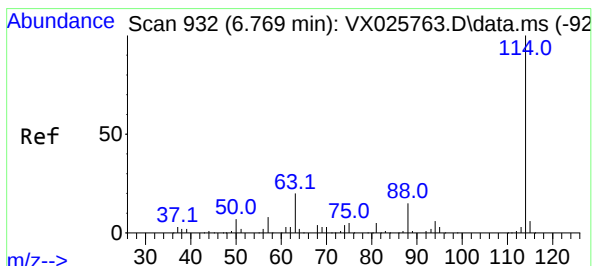
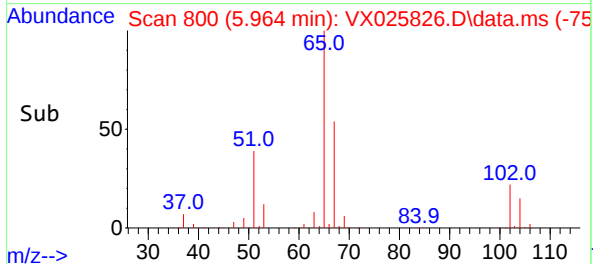
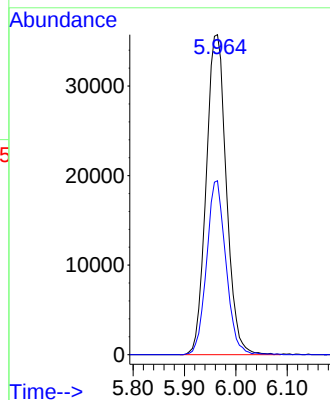
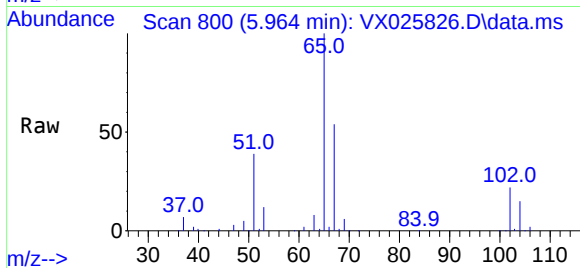
PB141382ZHE#06

Tgt Ion: 65 Resp: 97315

Ion Ratio Lower Upper

65 100

67 52.1 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: VX025826.D

Acq: 15 Dec 2021 19:47

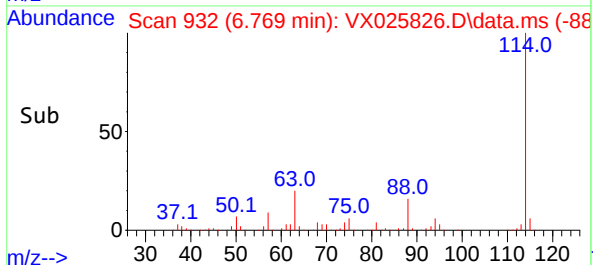
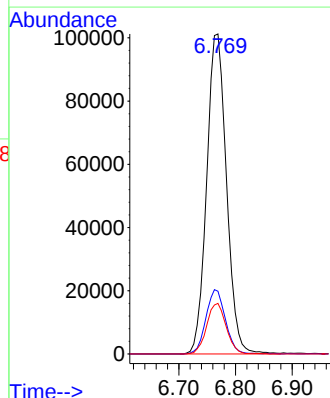
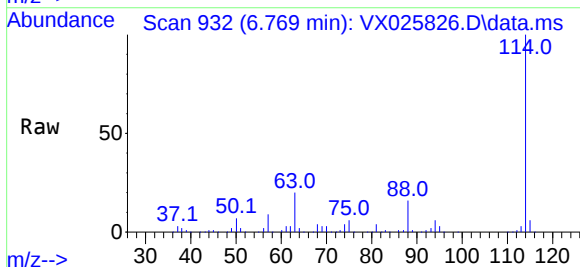
Tgt Ion: 114 Resp: 245753

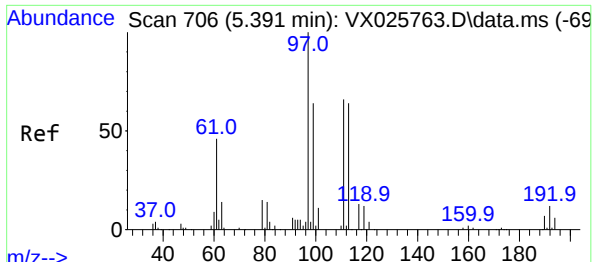
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

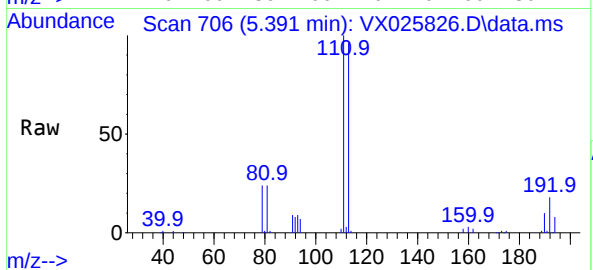
88 15.8 0.0 30.6



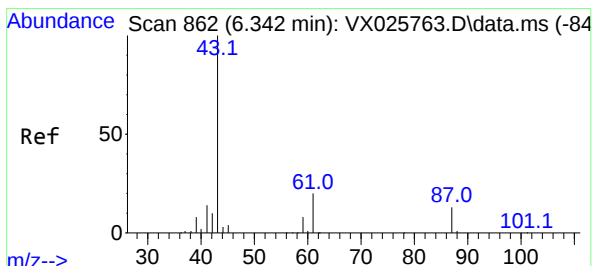
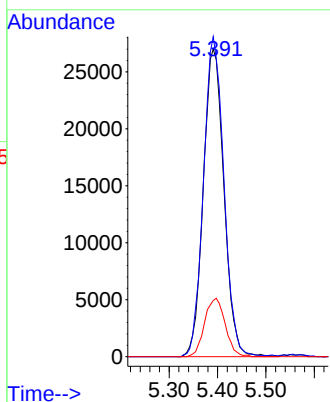
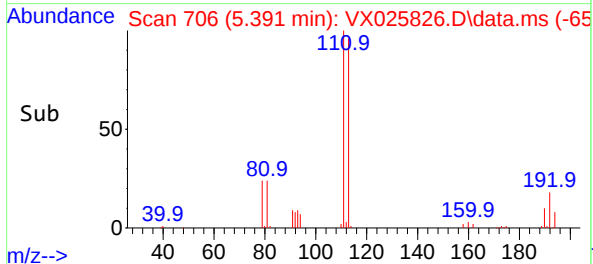


#35
Dibromofluoromethane
Concen: 46.676 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025826.D
Acq: 15 Dec 2021 19:47

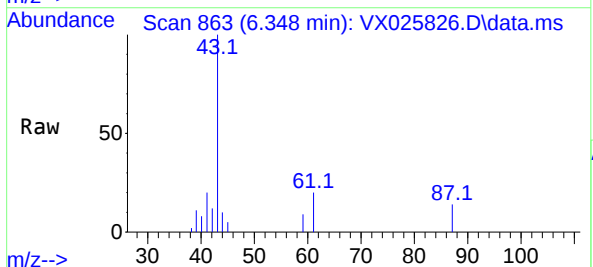
Instrument :
MSVOA_X
ClientSampleId :
PB141382ZHE#06



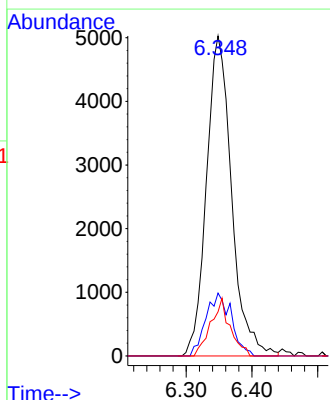
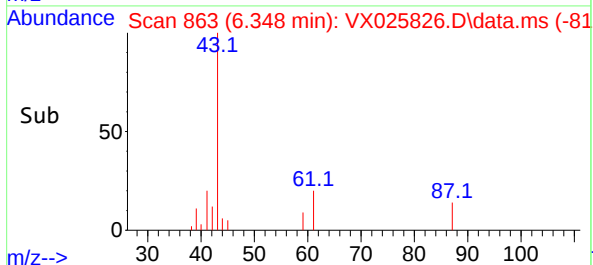
Tgt Ion:113 Resp: 79998
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 19.0 15.0 22.4

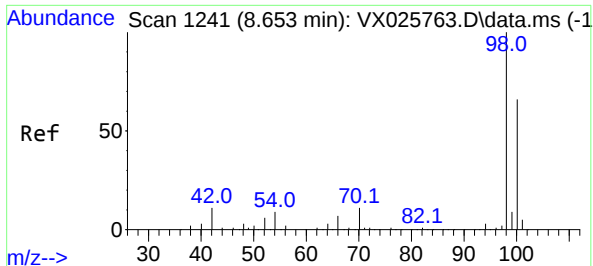


#43
Isopropyl Acetate
Concen: 3.209 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX025826.D
Acq: 15 Dec 2021 19:47



Tgt Ion: 43 Resp: 13352
Ion Ratio Lower Upper
43 100
61 20.0 15.7 23.5
87 13.9 11.2 16.8

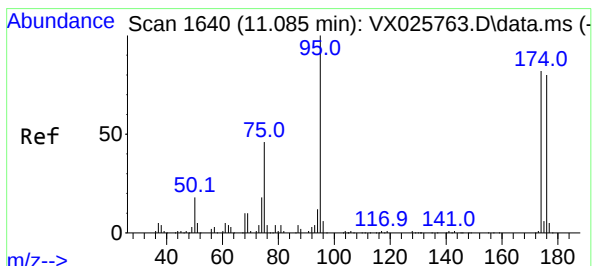
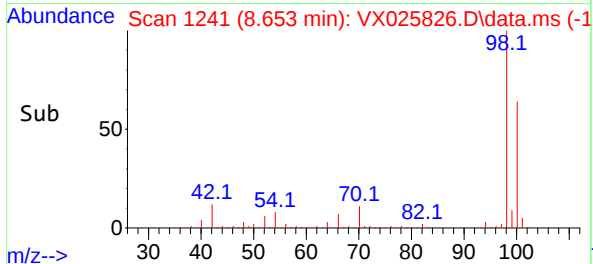
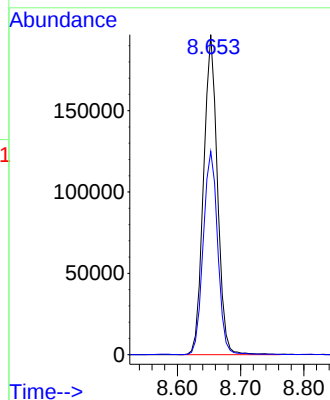
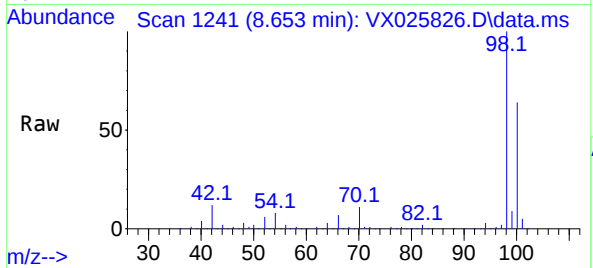




#50
Toluene-d8
Concen: 48.157 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025826.D
Acq: 15 Dec 2021 19:47

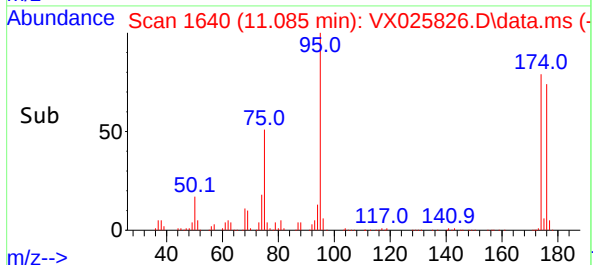
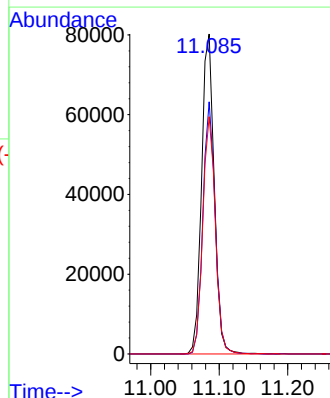
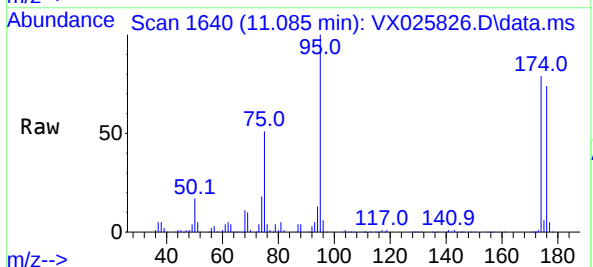
Instrument :
MSVOA_X
ClientSampleId :
PB141382ZHE#06

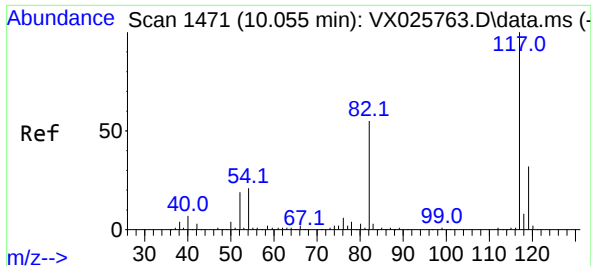
Tgt Ion: 98 Resp: 300724
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.400 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025826.D
Acq: 15 Dec 2021 19:47

Tgt Ion: 95 Resp: 102951
Ion Ratio Lower Upper
95 100
174 76.6 0.0 157.4
176 73.8 0.0 154.6

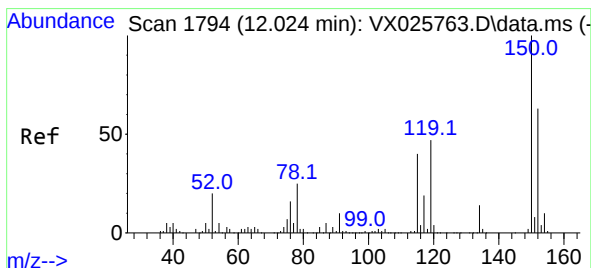
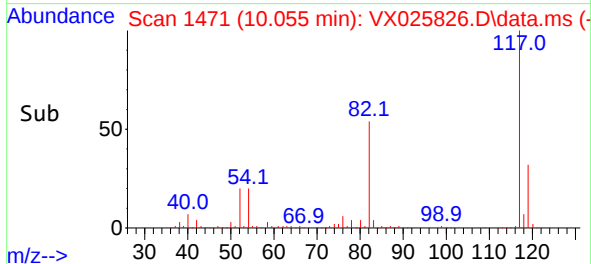
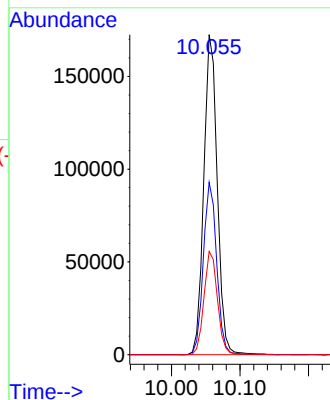
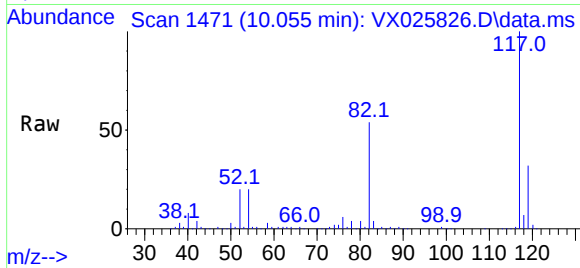




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025826.D
Acq: 15 Dec 2021 19:47

Instrument :
MSVOA_X
ClientSampleId :
PB141382ZHE#06

Tgt Ion:117 Resp: 236116
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.6
119 32.3 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: VX025826.D
Acq: 15 Dec 2021 19:47

Tgt Ion:152 Resp: 95087
Ion Ratio Lower Upper
152 100
115 59.5 41.3 123.9
150 156.0 0.0 351.8

