

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025861.D
 Acq On : 16 Dec 2021 17:29
 Operator : JC/MD
 Sample : PB141455ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141455ZHE#02

Quant Time: Dec 17 02:33:28 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)

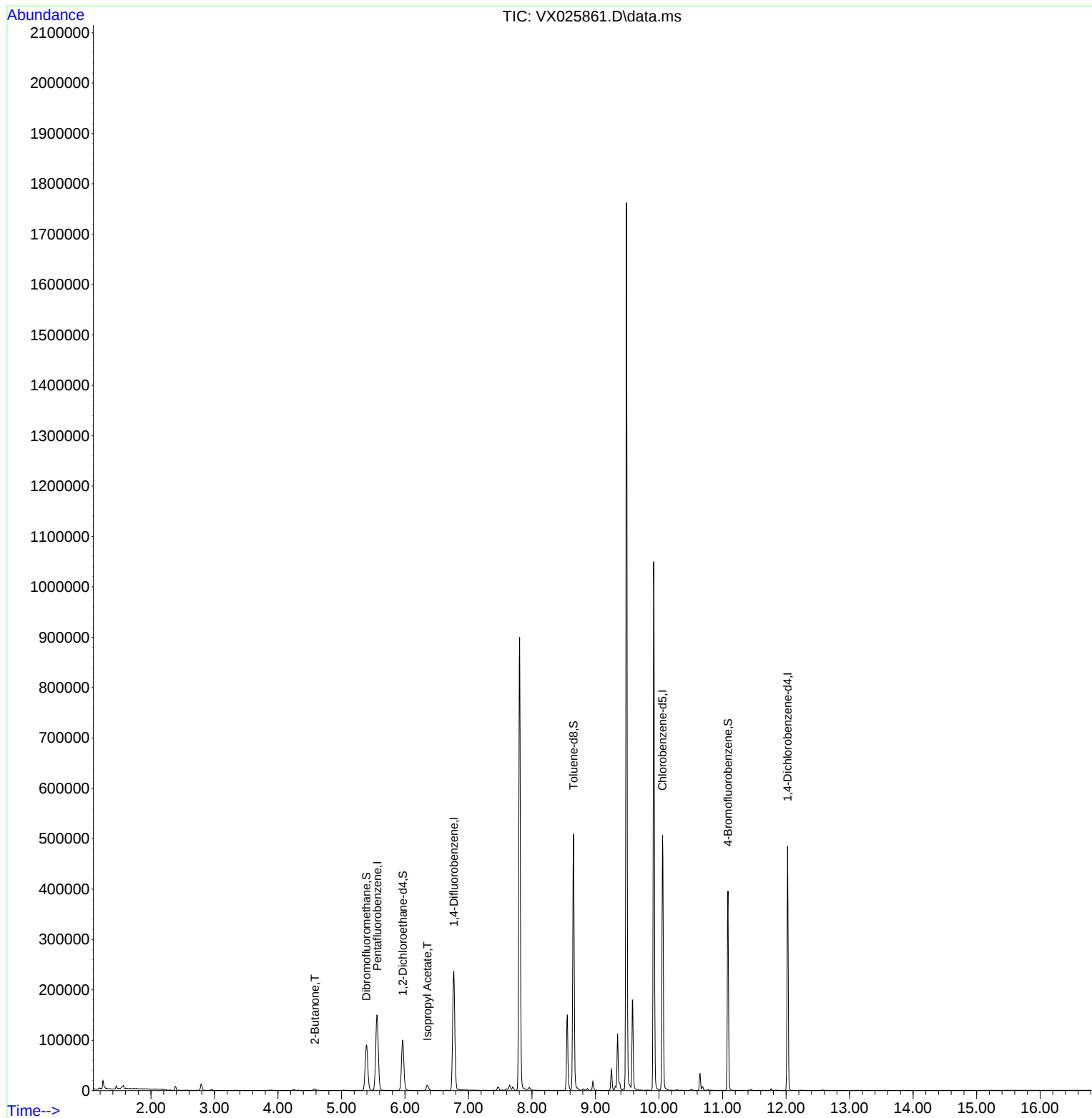
Internal Standards						
1) Pentafluorobenzene	5.562	168	141190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	243343	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95475	46.998	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.000%
35) Dibromofluoromethane	5.391	113	78114	46.028	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.060%
50) Toluene-d8	8.653	98	296970	48.027	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.060%
62) 4-Bromofluorobenzene	11.085	95	102629	43.693	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.380%
Target Compounds						
					Qvalue	
25) 2-Butanone	4.580	43	4867	3.562	ug/l	98
43) Isopropyl Acetate	6.354	43	13849	3.362	ug/l	99

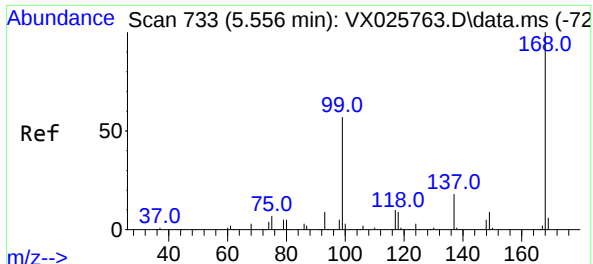
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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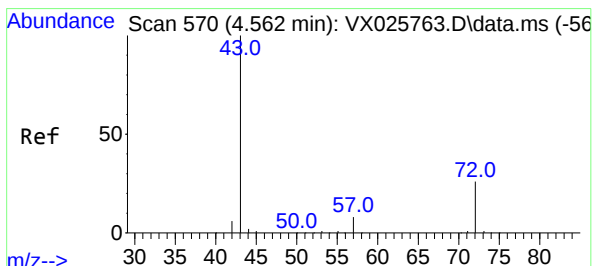
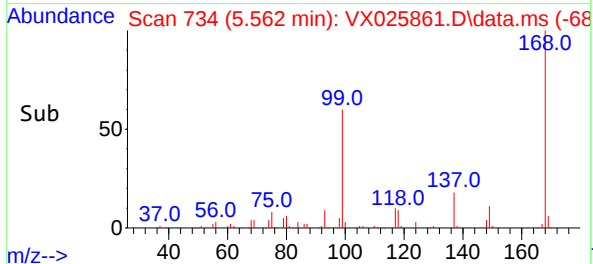
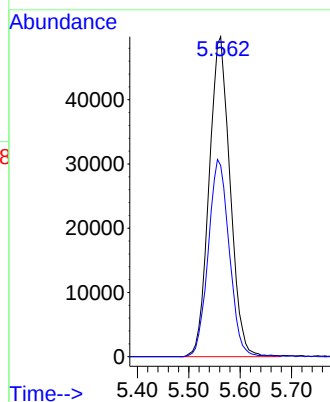
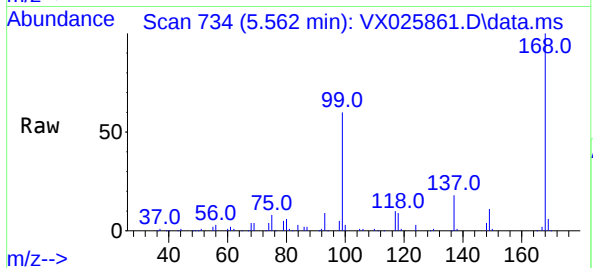




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025861.D
Acq: 16 Dec 2021 17:29

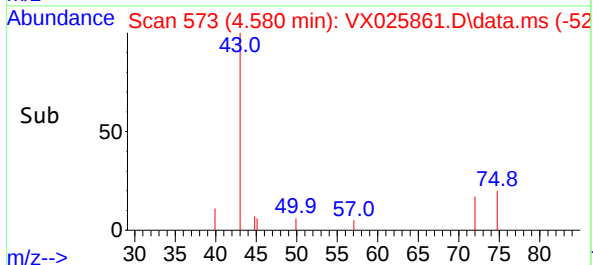
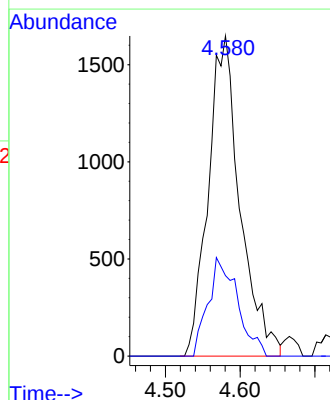
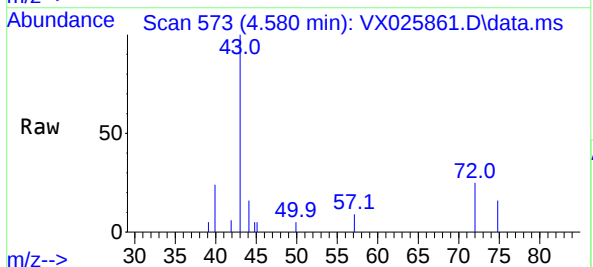
Instrument :
MSVOA_X
ClientSampleId :
PB141455ZHE#02

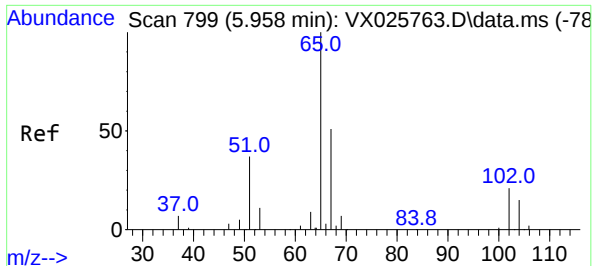
Tgt Ion:168 Resp: 141190
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.8



#25
2-Butanone
Concen: 3.562 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX025861.D
Acq: 16 Dec 2021 17:29

Tgt Ion: 43 Resp: 4867
Ion Ratio Lower Upper
43 100
72 25.1 21.0 31.4





#33

1,2-Dichloroethane-d4

Concen: 46.998 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX025861.D

Acq: 16 Dec 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

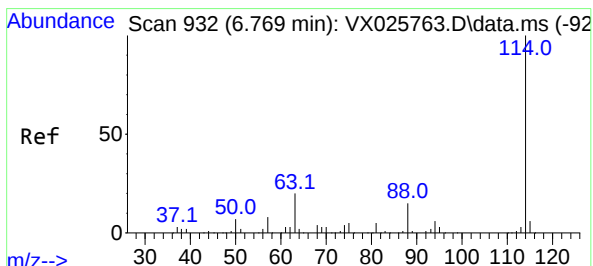
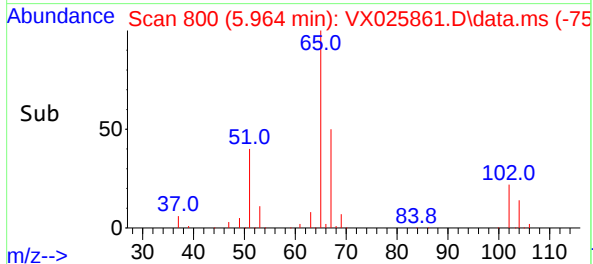
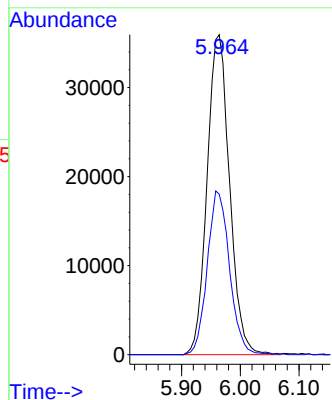
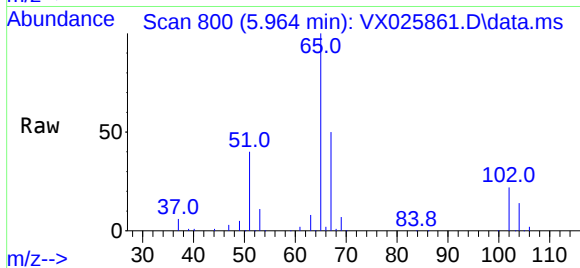
PB141455ZHE#02

Tgt Ion: 65 Resp: 95475

Ion Ratio Lower Upper

65 100

67 50.7 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: VX025861.D

Acq: 16 Dec 2021 17:29

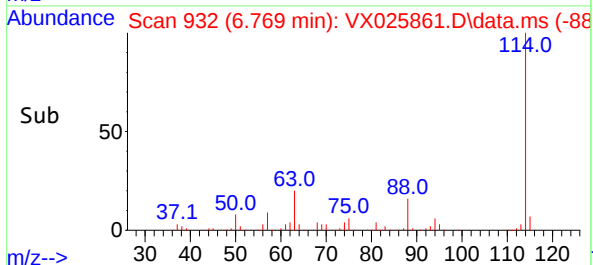
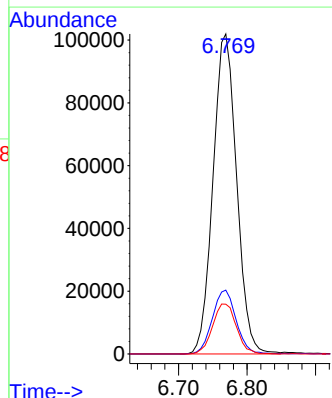
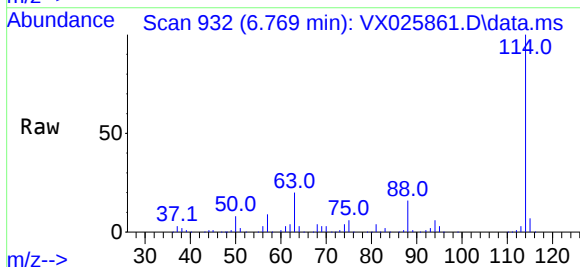
Tgt Ion: 114 Resp: 243343

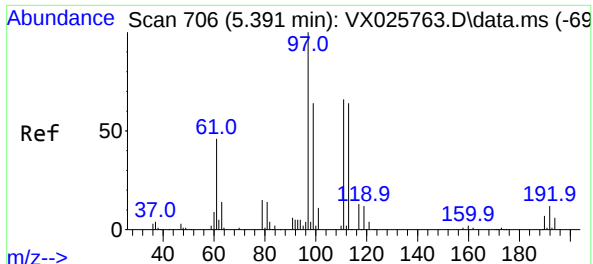
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.6 0.0 30.6

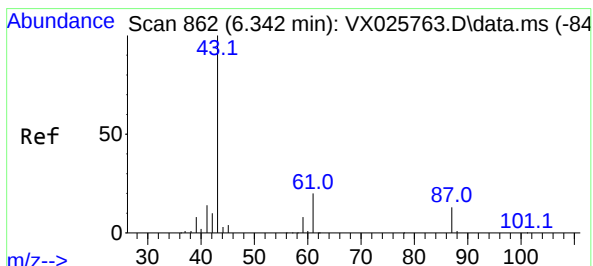
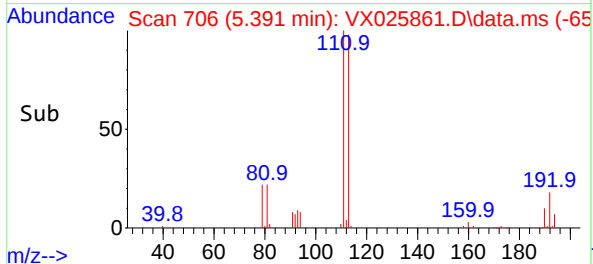
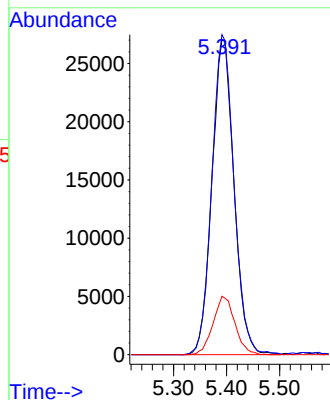
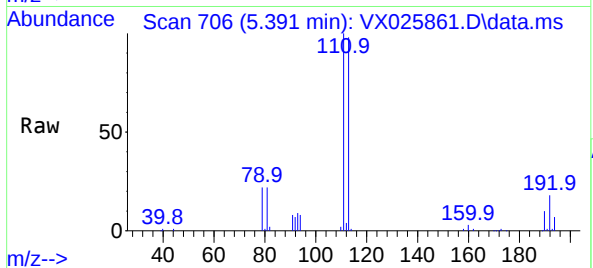




#35
Dibromofluoromethane
Concen: 46.028 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025861.D
Acq: 16 Dec 2021 17:29

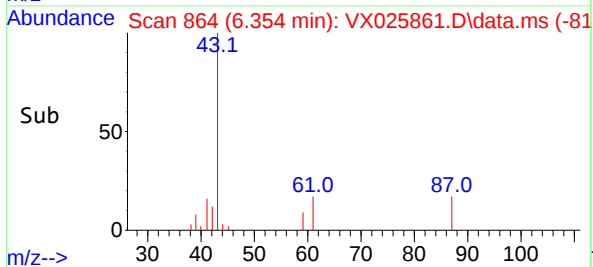
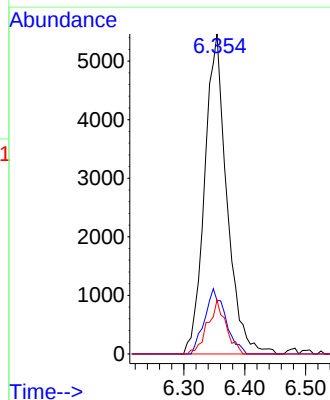
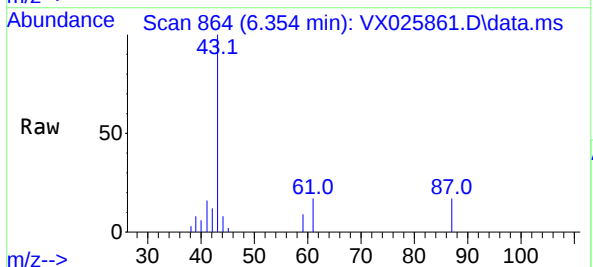
Instrument :
MSVOA_X
ClientSampleId :
PB141455ZHE#02

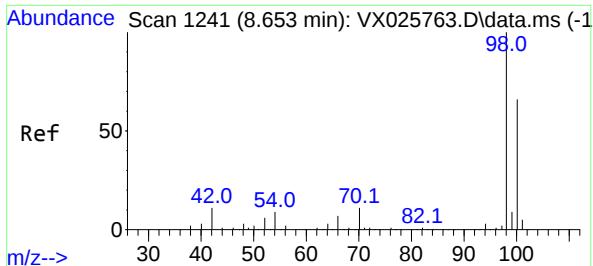
Tgt Ion:113 Resp: 78114
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.8
192 18.3 15.0 22.4



#43
Isopropyl Acetate
Concen: 3.362 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX025861.D
Acq: 16 Dec 2021 17:29

Tgt Ion: 43 Resp: 13849
Ion Ratio Lower Upper
43 100
61 19.2 15.7 23.5
87 13.9 11.2 16.8

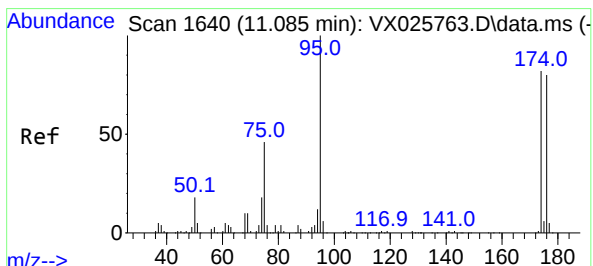
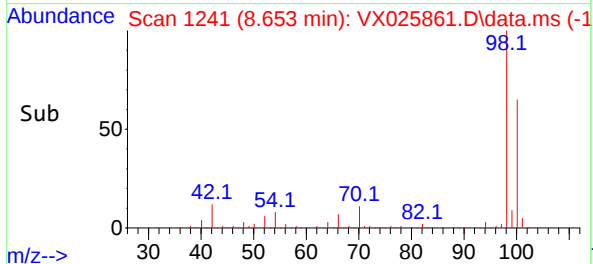
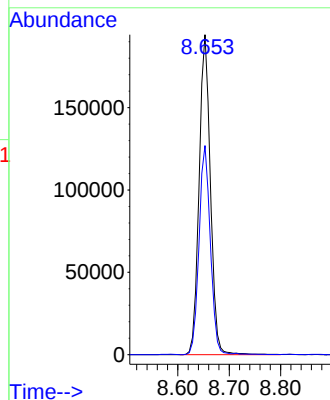
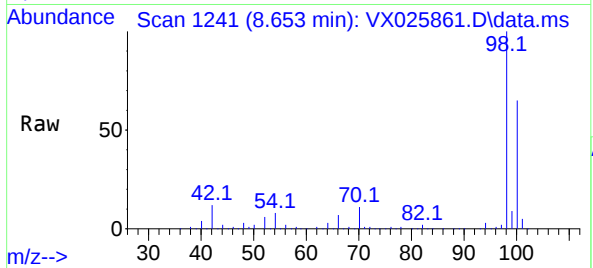




#50
Toluene-d8
Concen: 48.027 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025861.D
Acq: 16 Dec 2021 17:29

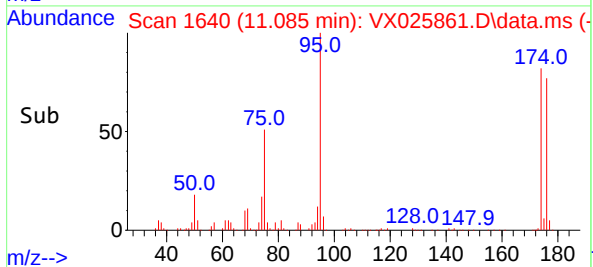
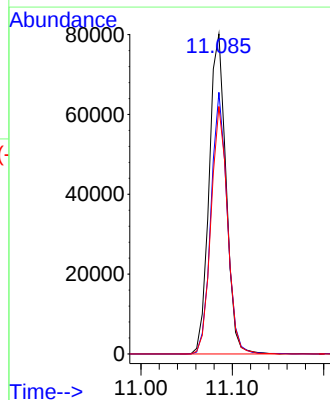
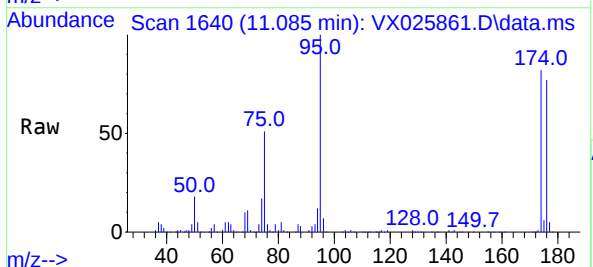
Instrument :
MSVOA_X
ClientSampleId :
PB141455ZHE#02

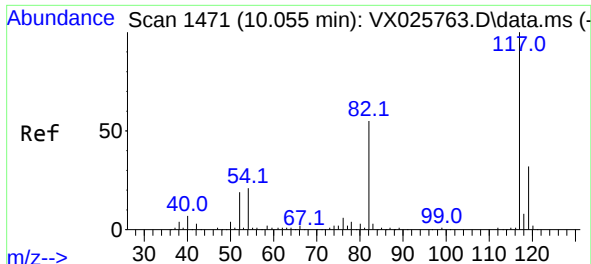
Tgt Ion: 98 Resp: 296970
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.693 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025861.D
Acq: 16 Dec 2021 17:29

Tgt Ion: 95 Resp: 102629
Ion Ratio Lower Upper
95 100
174 78.5 0.0 157.4
176 75.5 0.0 154.6

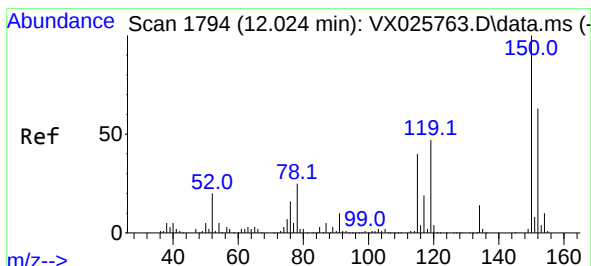
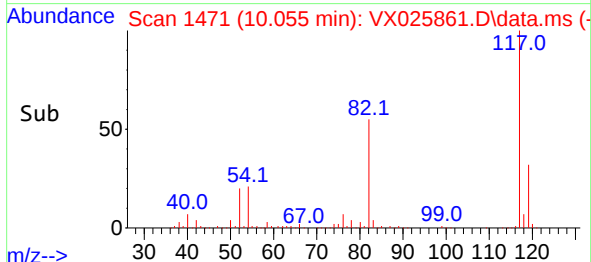
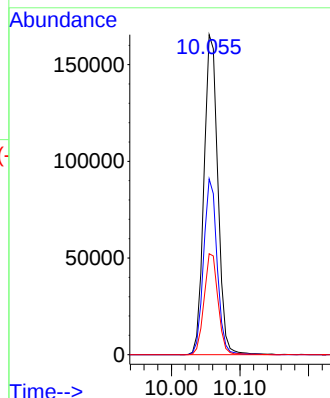
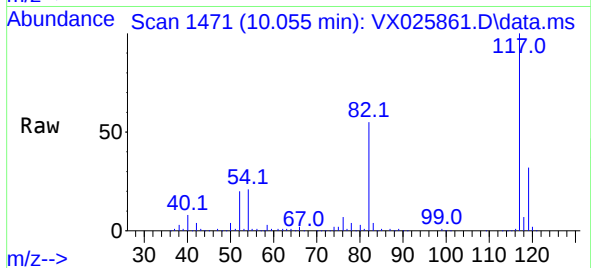




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025861.D
Acq: 16 Dec 2021 17:29

Instrument :
MSVOA_X
ClientSampleId :
PB141455ZHE#02

Tgt Ion:117 Resp: 233471
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.6
119 31.5 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: VX025861.D
Acq: 16 Dec 2021 17:29

Tgt Ion:152 Resp: 95527
Ion Ratio Lower Upper
152 100
115 60.7 41.3 123.9
150 158.2 0.0 351.8

