

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025868.D
 Acq On : 16 Dec 2021 20:14
 Operator : JC/MD
 Sample : M5051-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P-2

Quant Time: Dec 17 02:37:20 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)

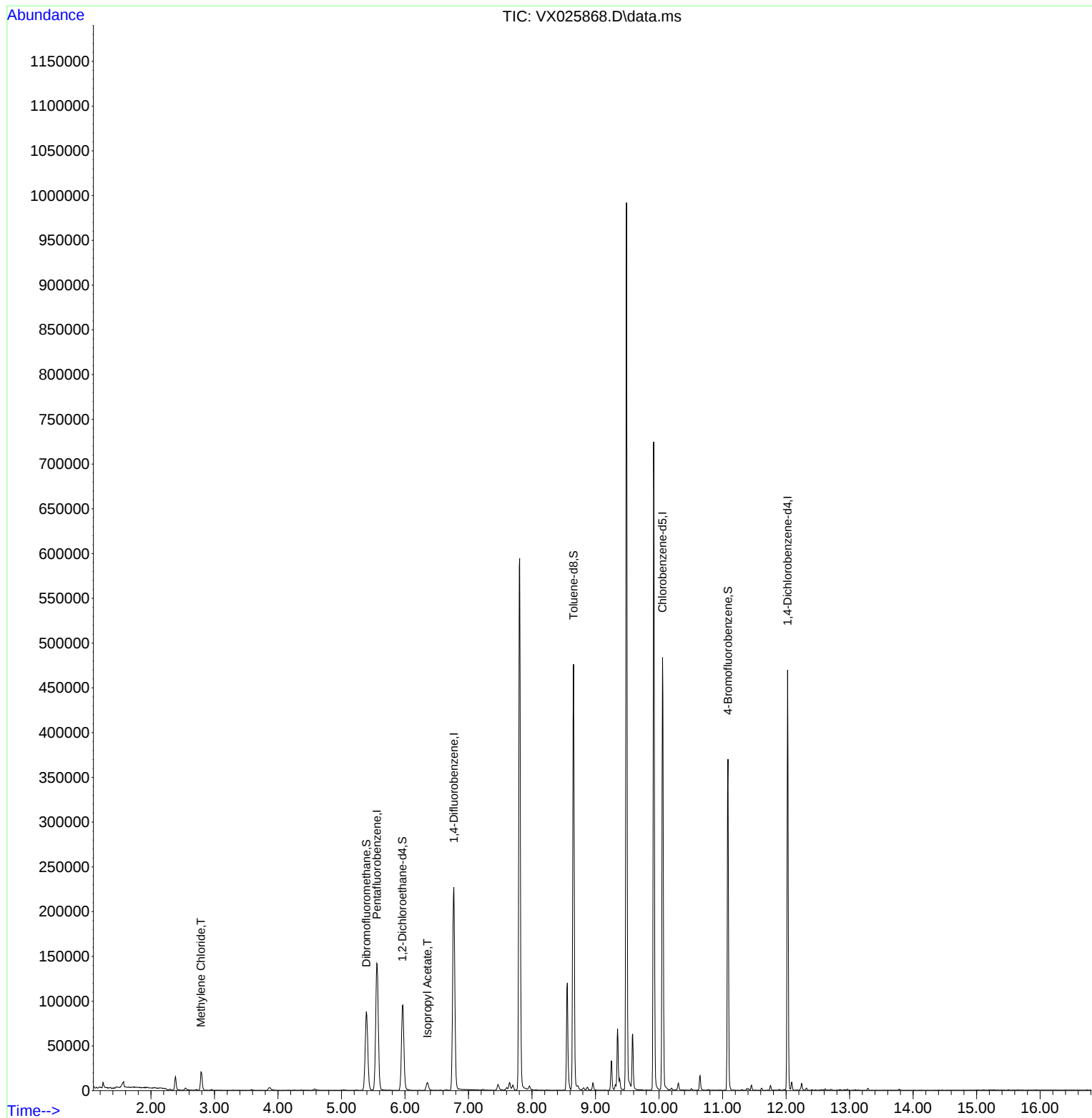
Internal Standards						
1) Pentafluorobenzene	5.555	168	131383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93100	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91704	48.511	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.020%		
35) Dibromofluoromethane	5.391	113	74803	46.691	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.380%		
50) Toluene-d8	8.652	98	284164	48.681	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.360%		
62) 4-Bromofluorobenzene	11.085	95	98461	44.405	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.800%		
Target Compounds						
20) Methylene Chloride	2.788	84	9342	3.529	ug/l	93
43) Isopropyl Acetate	6.354	43	11625	2.989	ug/l	97

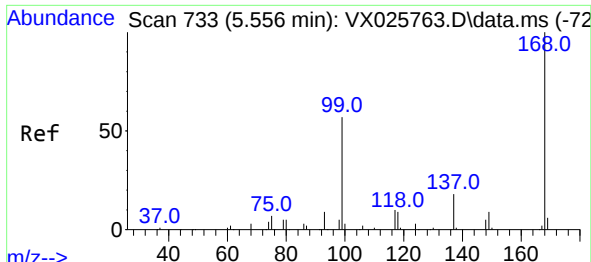
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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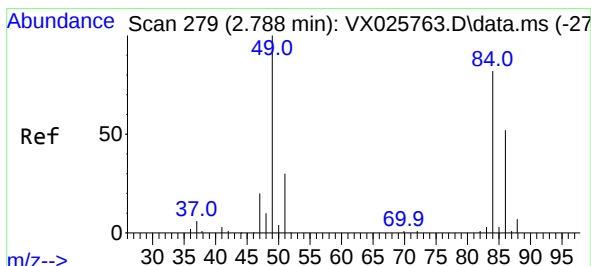
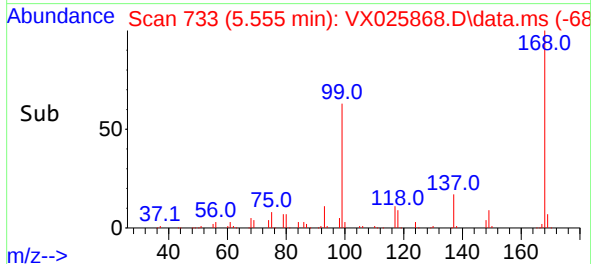
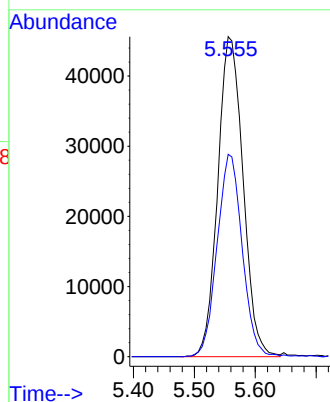
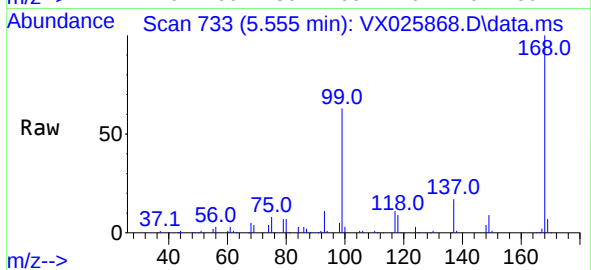




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX025868.D
Acq: 16 Dec 2021 20:14

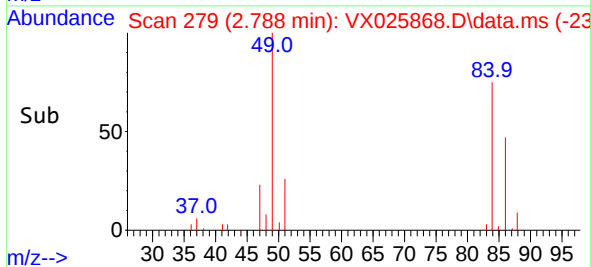
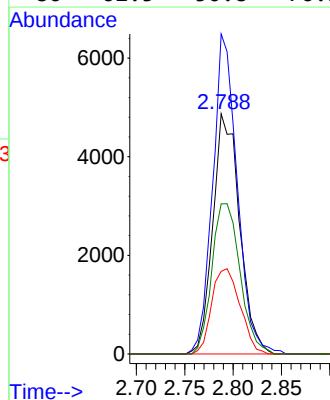
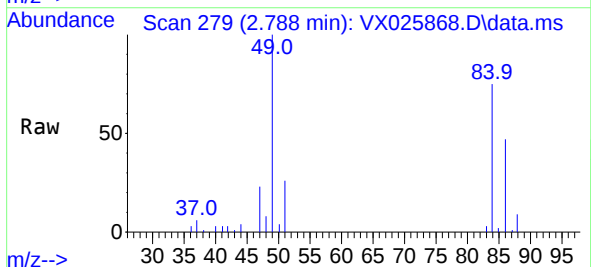
Instrument :
MSVOA_X
ClientSampleId :
P-2

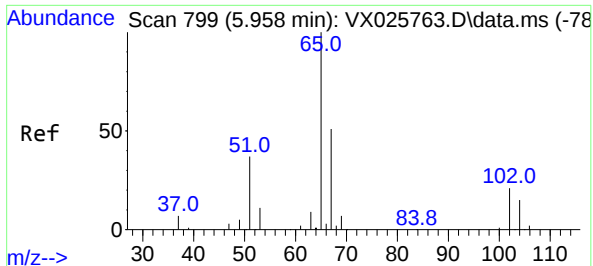
Tgt Ion:168 Resp: 131383
Ion Ratio Lower Upper
168 100
99 63.3 45.8 68.8



#20
Methylene Chloride
Concen: 3.529 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX025868.D
Acq: 16 Dec 2021 20:14

Tgt Ion: 84 Resp: 9342
Ion Ratio Lower Upper
84 100
49 133.2 97.1 145.7
51 34.3 29.3 43.9
86 62.5 50.8 76.2





#33

1,2-Dichloroethane-d4

Concen: 48.511 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.001 min

Lab File: VX025868.D

Acq: 16 Dec 2021 20:14

Instrument :

MSVOA_X

ClientSampleId :

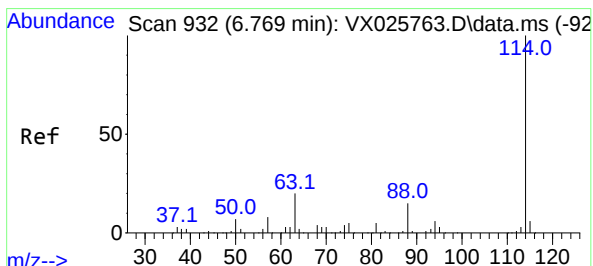
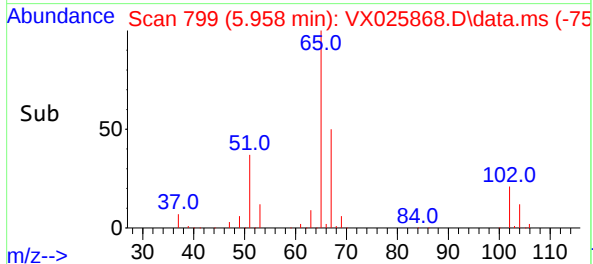
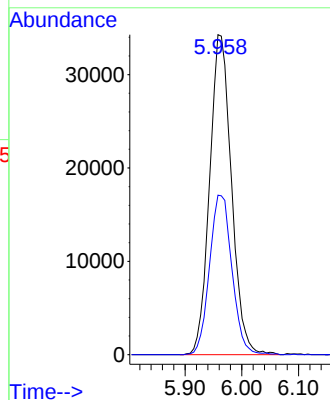
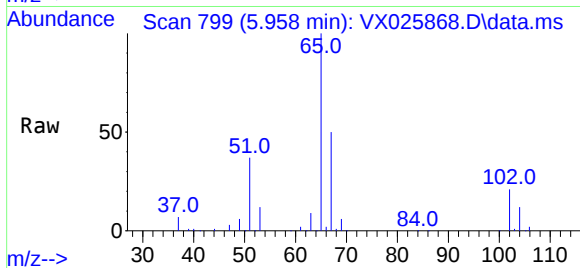
P-2

Tgt Ion: 65 Resp: 91704

Ion Ratio Lower Upper

65 100

67 51.3 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: VX025868.D

Acq: 16 Dec 2021 20:14

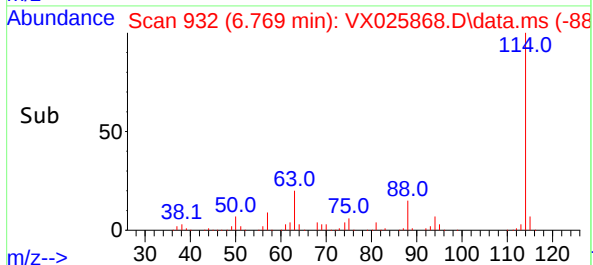
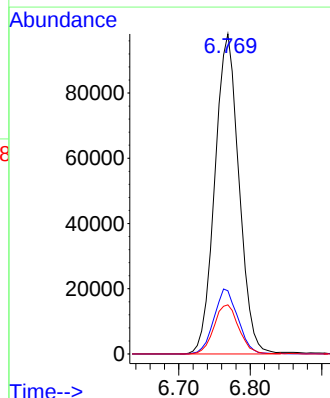
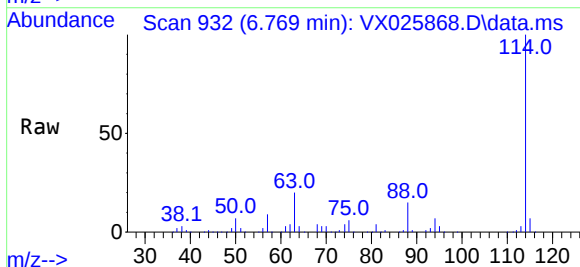
Tgt Ion: 114 Resp: 229720

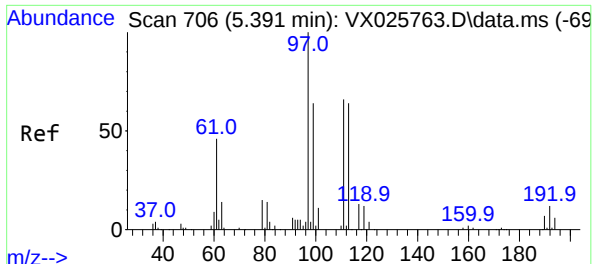
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

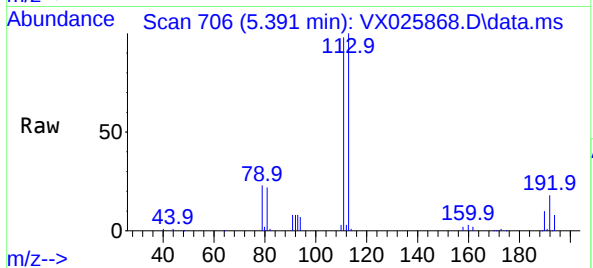
88 15.4 0.0 30.6



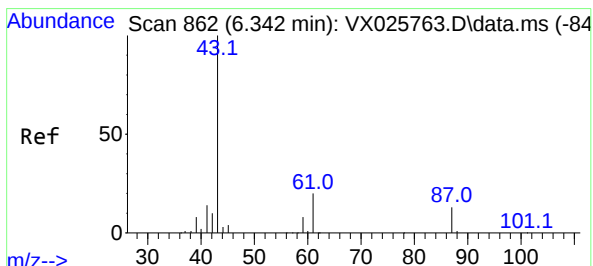
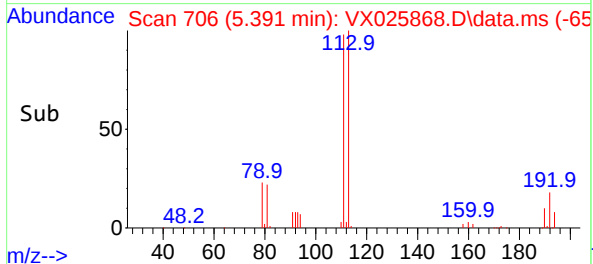
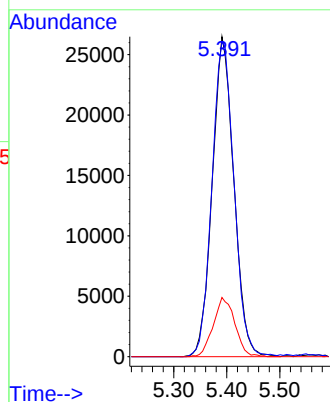


#35
Dibromofluoromethane
Concen: 46.691 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.001 min
Lab File: VX025868.D
Acq: 16 Dec 2021 20:14

Instrument :
MSVOA_X
ClientSampleId :
P-2

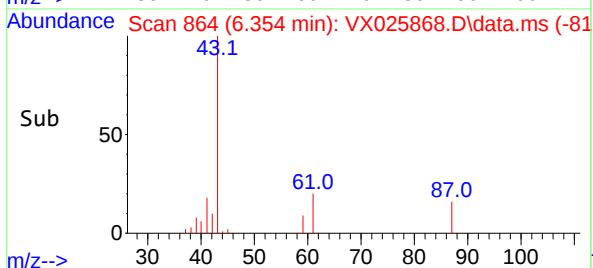
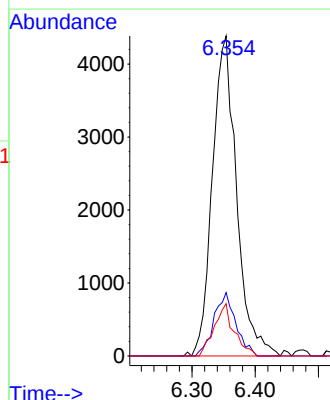
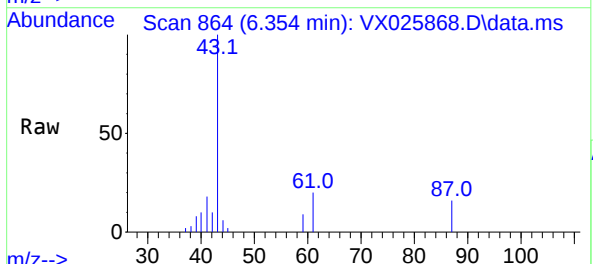


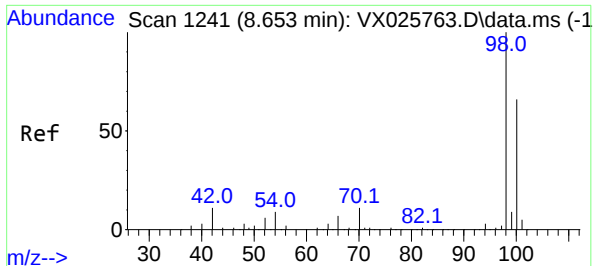
Tgt Ion:113 Resp: 74803
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.8
192 18.5 15.0 22.4



#43
Isopropyl Acetate
Concen: 2.989 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX025868.D
Acq: 16 Dec 2021 20:14

Tgt Ion: 43 Resp: 11625
Ion Ratio Lower Upper
43 100
61 17.9 15.7 23.5
87 13.5 11.2 16.8





#50

Toluene-d8

Concen: 48.681 ug/l

RT: 8.652 min Scan# 11

Delta R.T. -0.001 min

Lab File: VX025868.D

Acq: 16 Dec 2021 20:14

Instrument :

MSVOA_X

ClientSampleId :

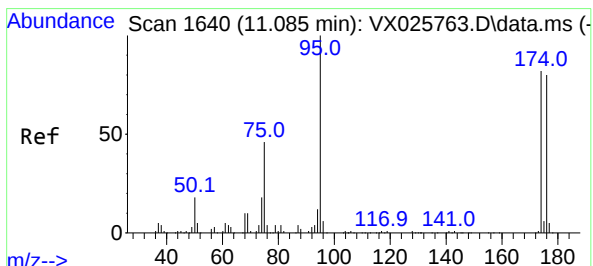
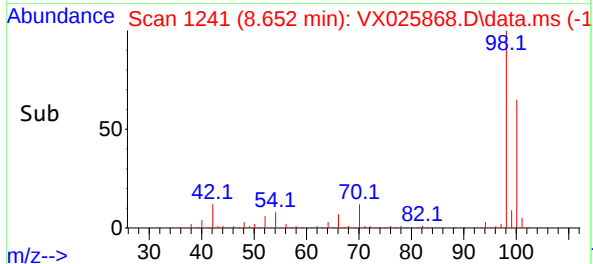
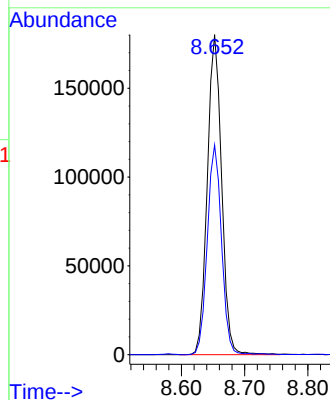
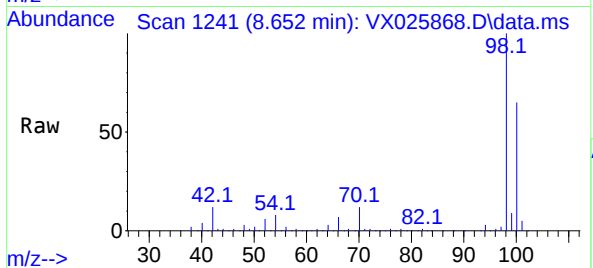
P-2

Tgt Ion: 98 Resp: 284164

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 44.405 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.001 min

Lab File: VX025868.D

Acq: 16 Dec 2021 20:14

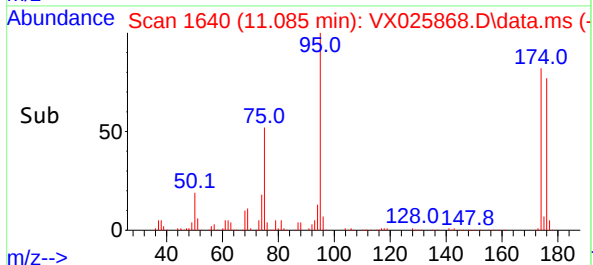
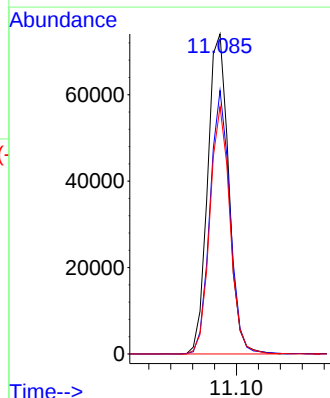
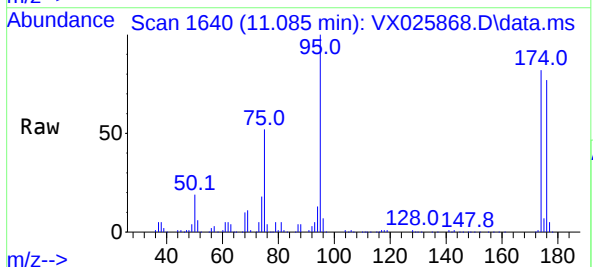
Tgt Ion: 95 Resp: 98461

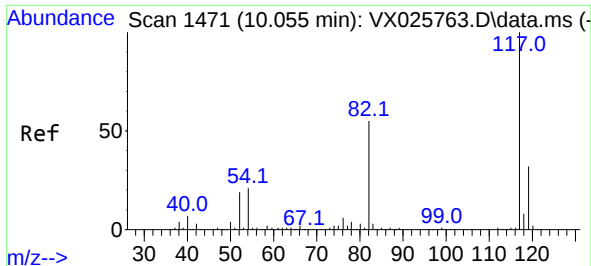
Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.4

176 74.0 0.0 154.6

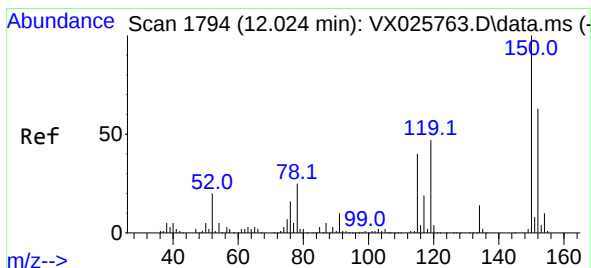
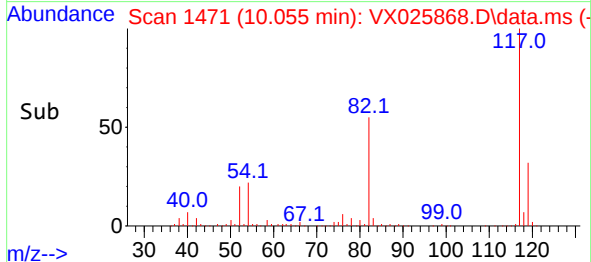
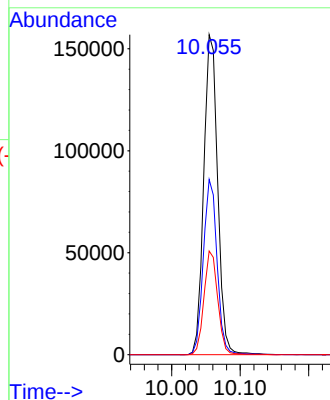
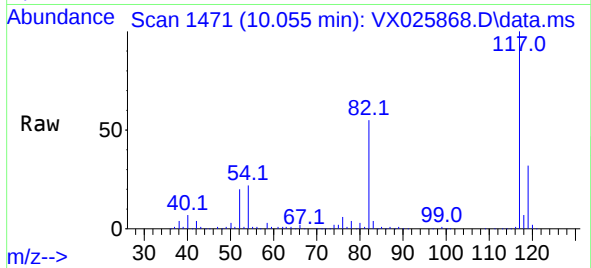




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VX025868.D
Acq: 16 Dec 2021 20:14

Instrument :
MSVOA_X
ClientSampleId :
P-2

Tgt Ion:117 Resp: 222230
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.6
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VX025868.D
Acq: 16 Dec 2021 20:14

Tgt Ion:152 Resp: 93100
Ion Ratio Lower Upper
152 100
115 58.7 41.3 123.9
150 157.1 0.0 351.8

