

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121721\
 Data File : VX025853.D
 Acq On : 16 Dec 2021 14:20
 Operator : JC/MD
 Sample : M5084-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C1

Quant Time: Dec 16 15:11:02 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)

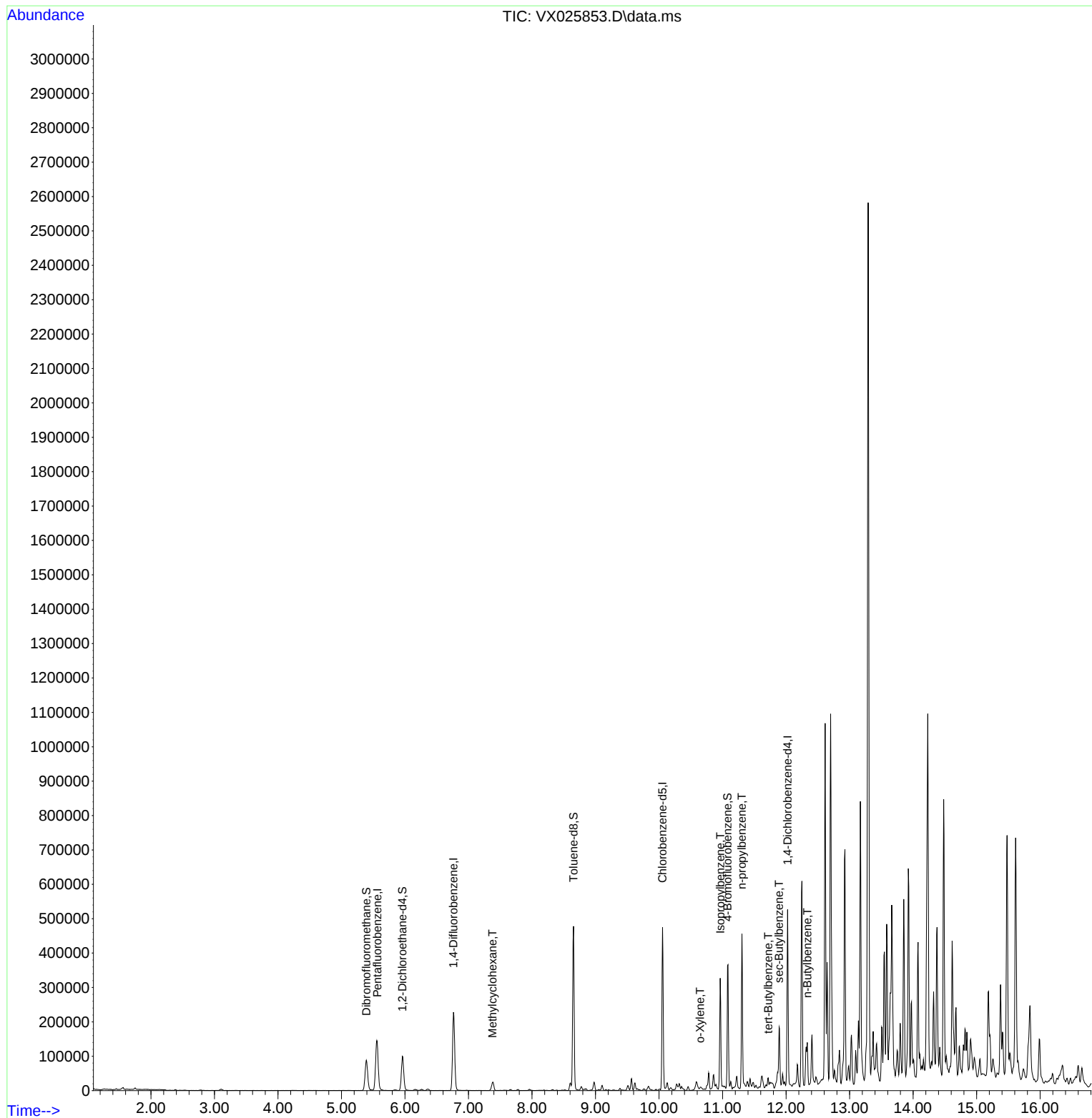
Internal Standards						
1) Pentafluorobenzene	5.562	168	135651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91671	46.968	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.940%
35) Dibromofluoromethane	5.391	113	76317	47.114	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.220%
50) Toluene-d8	8.653	98	280893	47.593	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.180%
62) 4-Bromofluorobenzene	11.079	95	99428	44.349	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.700%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.379	83	10485	4.266	ug/l	98
69) o-Xylene	10.646	106	1038	0.362	ug/l	83
73) Isopropylbenzene	10.963	105	158900	22.202	ug/l	100
78) n-propylbenzene	11.305	91	259310	32.031	ug/l	98
83) tert-Butylbenzene	11.719	119	9086	1.562	ug/l	80
85) sec-Butylbenzene	11.890	105	84718	12.114	ug/l	90
89) n-Butylbenzene	12.335	91	46467	9.485	ug/l	89

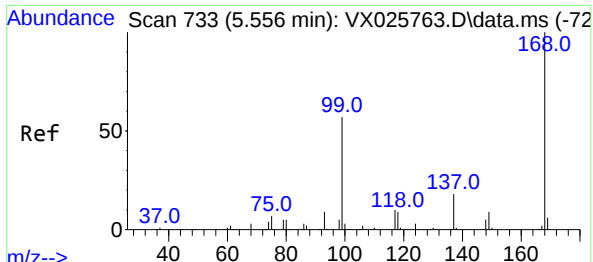
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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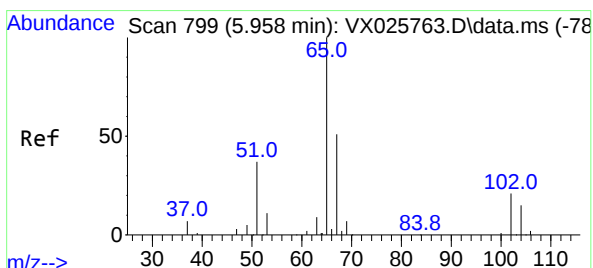
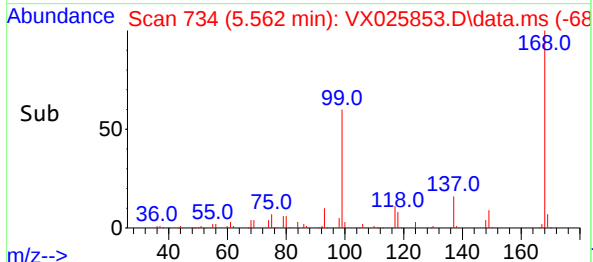
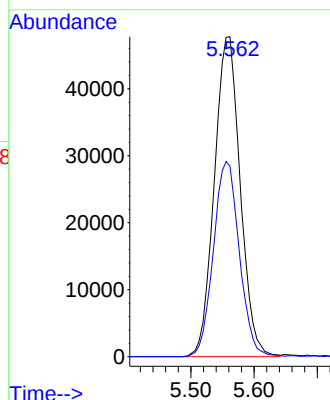
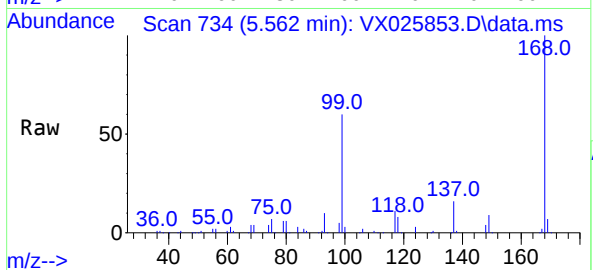




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025853.D
Acq: 16 Dec 2021 14:20

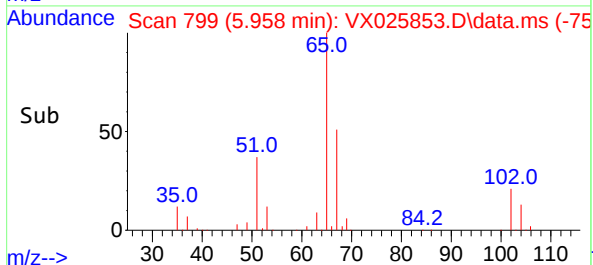
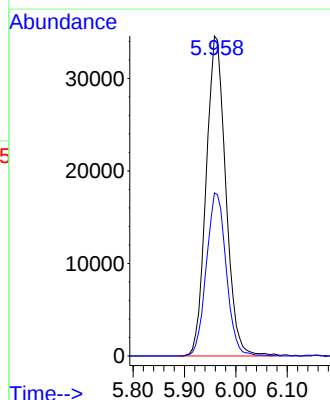
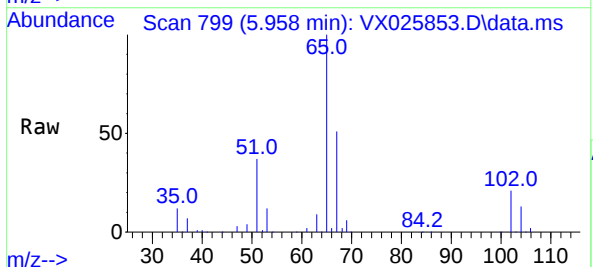
Instrument :
MSVOA_X
ClientSampleId :
C1

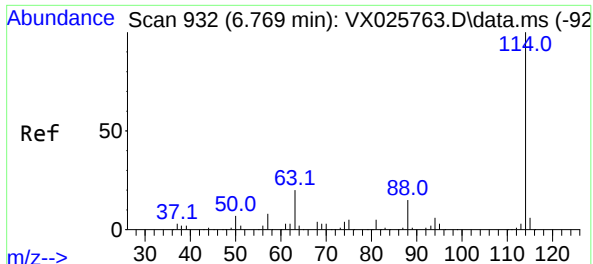
Tgt Ion:168 Resp: 135651
Ion Ratio Lower Upper
168 100
99 59.6 45.8 68.8



#33
1,2-Dichloroethane-d4
Concen: 46.968 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX025853.D
Acq: 16 Dec 2021 14:20

Tgt Ion: 65 Resp: 91671
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX025853.D

Acq: 16 Dec 2021 14:20

Instrument :

MSVOA_X

ClientSampleId :

C1

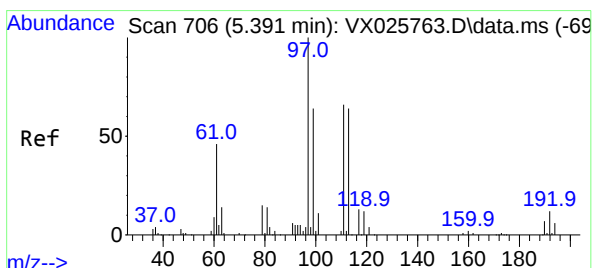
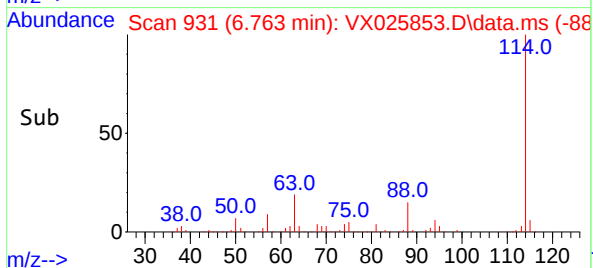
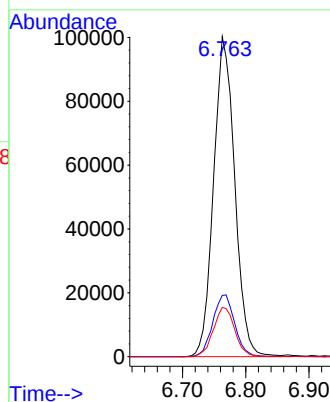
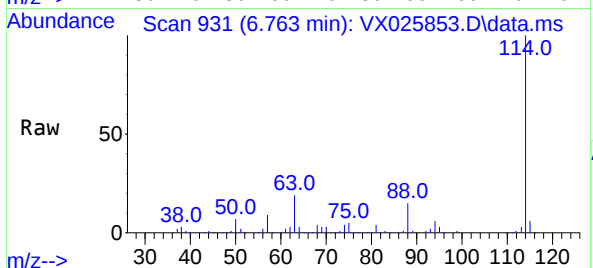
Tgt Ion:114 Resp: 232265

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.114 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025853.D

Acq: 16 Dec 2021 14:20

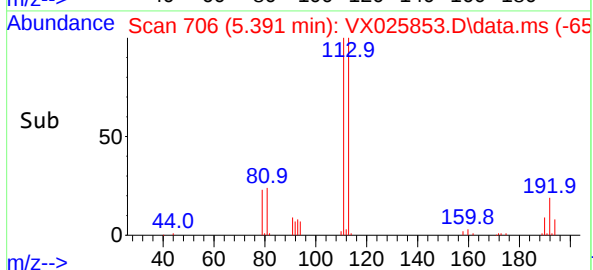
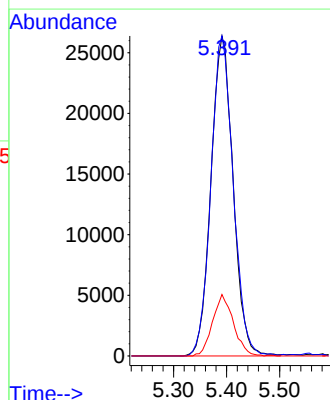
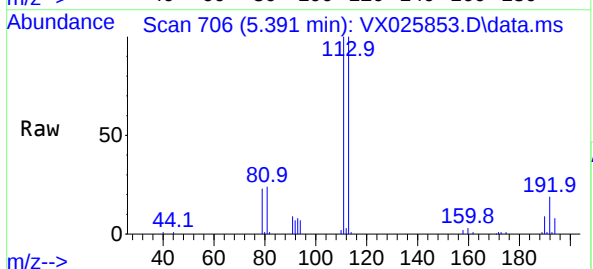
Tgt Ion:113 Resp: 76317

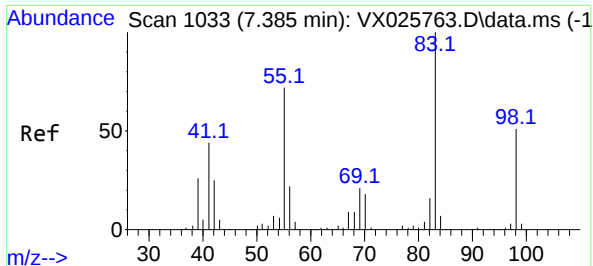
Ion Ratio Lower Upper

113 100

111 100.6 81.8 122.8

192 18.1 15.0 22.4





#39

Methylcyclohexane

Concen: 4.266 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX025853.D

Acq: 16 Dec 2021 14:20

Instrument :

MSVOA_X

ClientSampleId :

C1

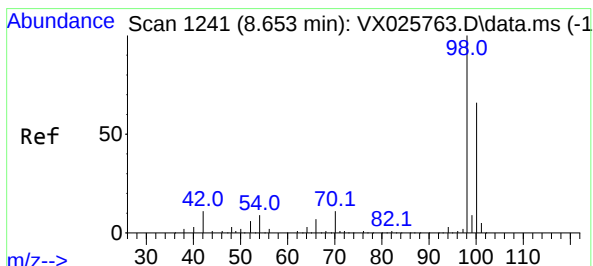
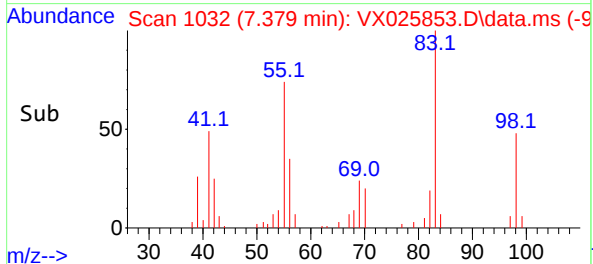
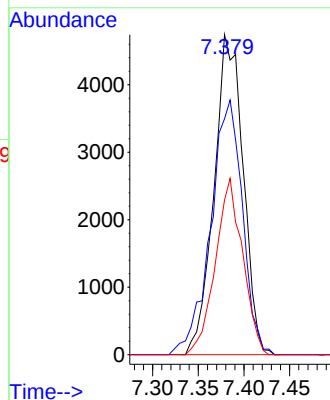
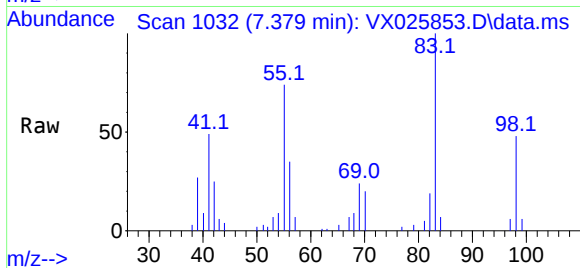
Tgt Ion: 83 Resp: 10485

Ion Ratio Lower Upper

83 100

55 73.7 57.8 86.8

98 48.3 40.5 60.7



#50

Toluene-d8

Concen: 47.593 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025853.D

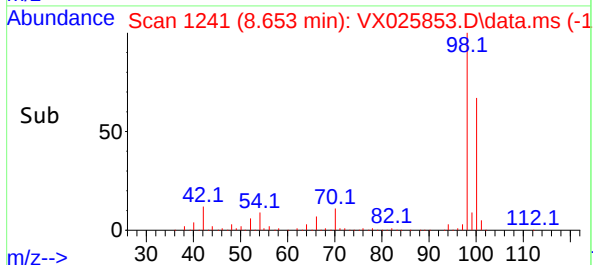
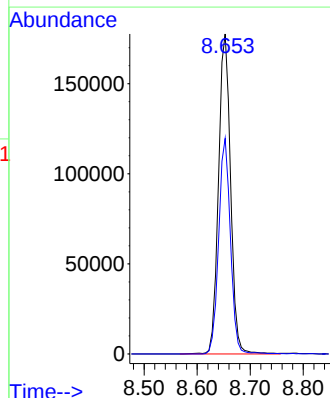
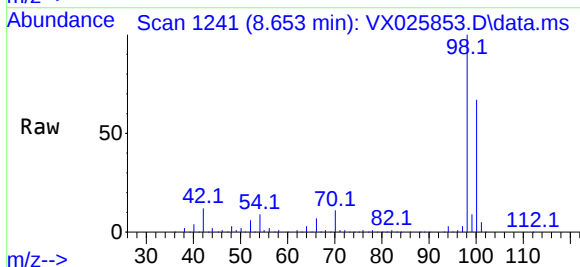
Acq: 16 Dec 2021 14:20

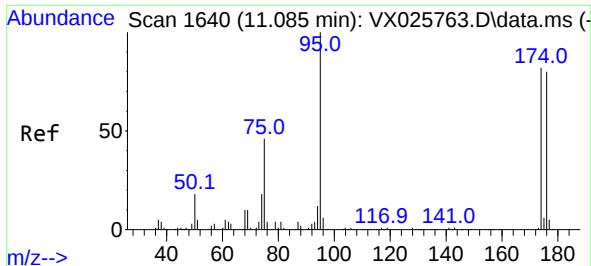
Tgt Ion: 98 Resp: 280893

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8

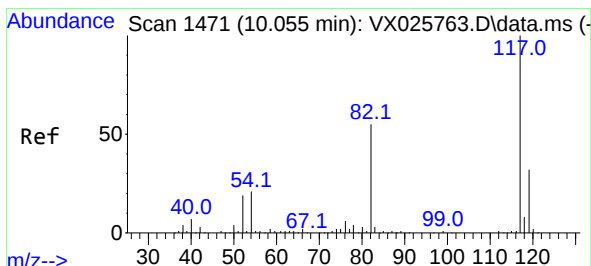
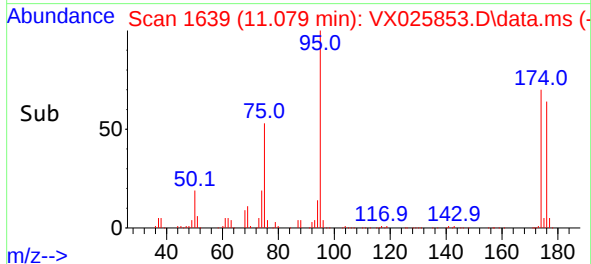
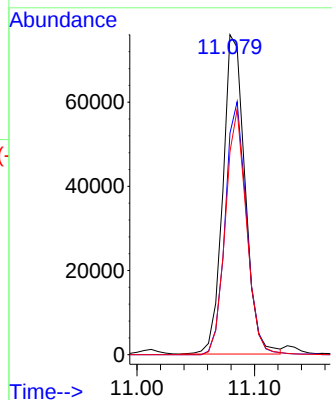
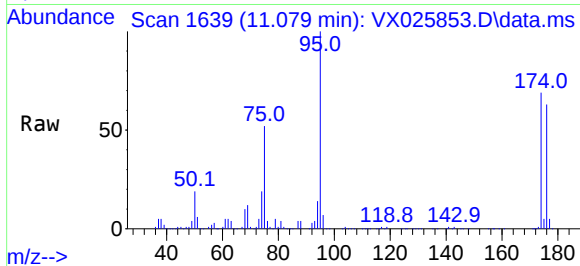




#62
4-Bromofluorobenzene
Concen: 44.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX025853.D
Acq: 16 Dec 2021 14:20

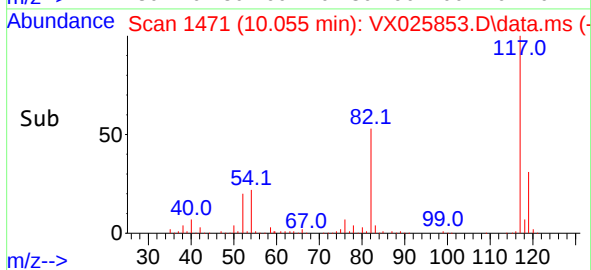
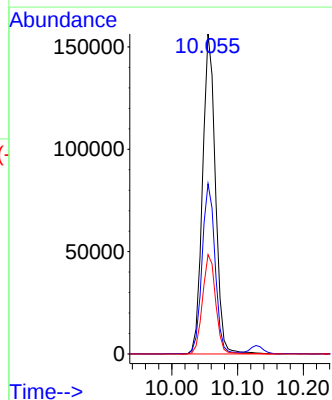
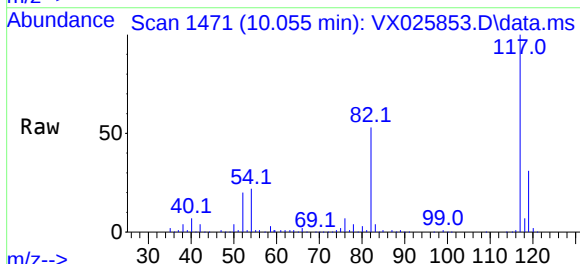
Instrument :
MSVOA_X
ClientSampleId :
C1

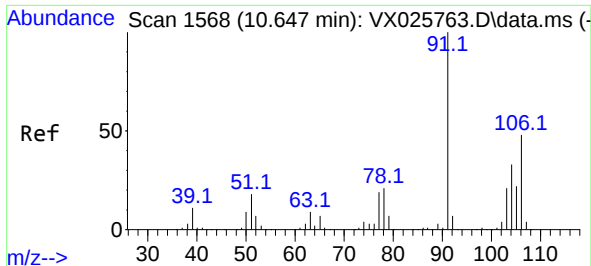
Tgt Ion: 95 Resp: 99428
Ion Ratio Lower Upper
95 100
174 76.3 0.0 157.4
176 73.2 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025853.D
Acq: 16 Dec 2021 14:20

Tgt Ion: 117 Resp: 212719
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.6
119 31.0 25.2 37.8

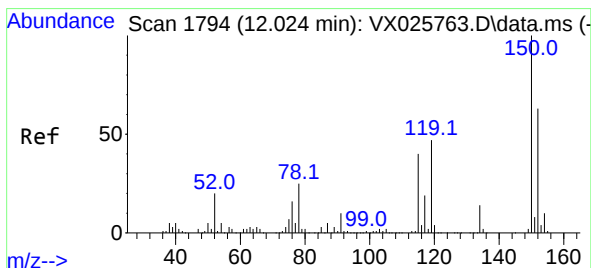
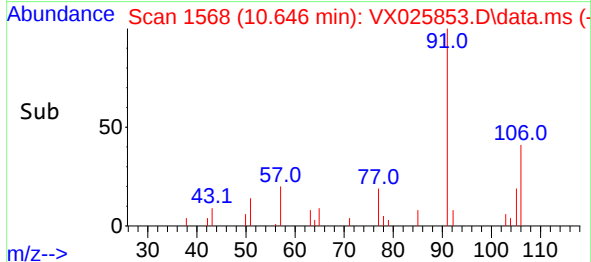
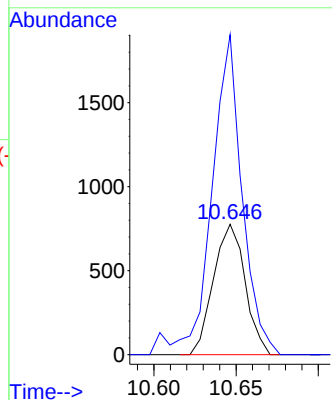
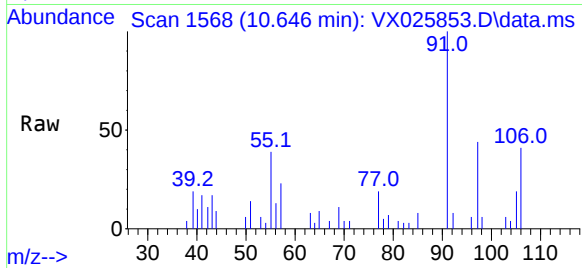




#69
o-Xylene
Concen: 0.362 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025853.D
Acq: 16 Dec 2021 14:20

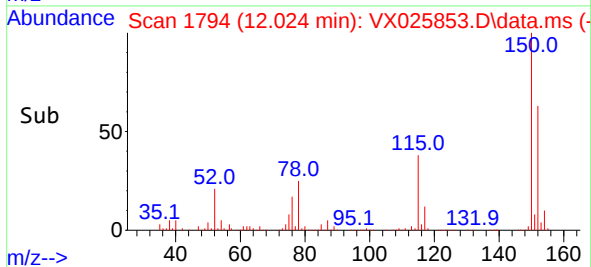
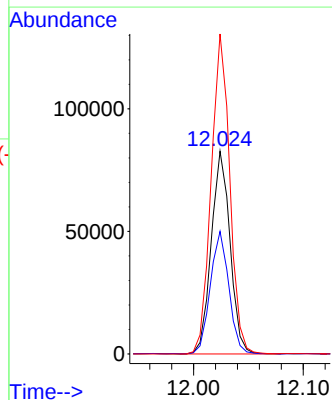
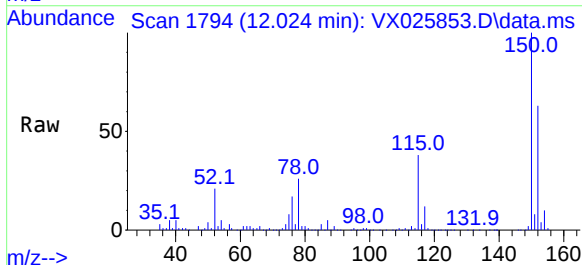
Instrument :
MSVOA_X
ClientSampleId :
C1

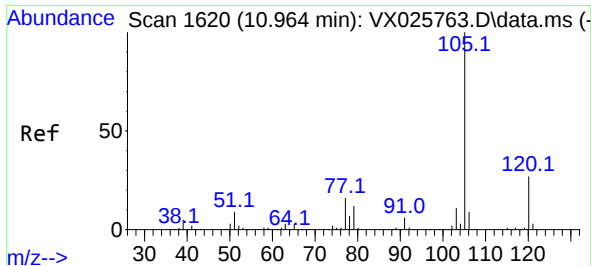
Tgt Ion:106 Resp: 1038
Ion Ratio Lower Upper
106 100
91 237.2 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025853.D
Acq: 16 Dec 2021 14:20

Tgt Ion:152 Resp: 98615
Ion Ratio Lower Upper
152 100
115 59.9 41.3 123.9
150 156.1 0.0 351.8

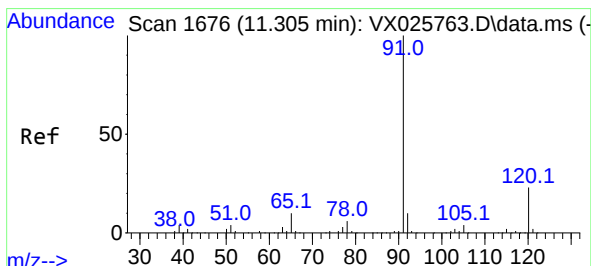
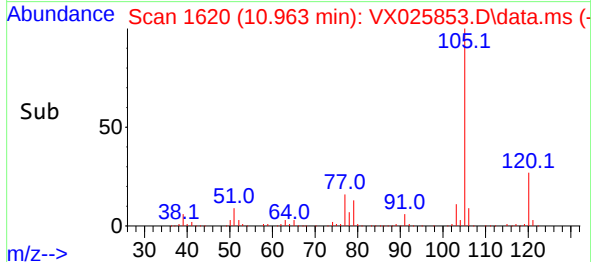
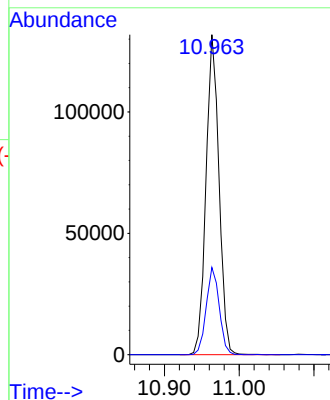
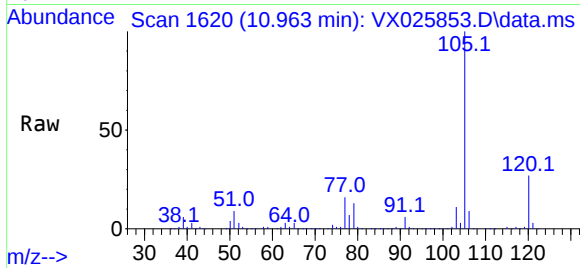




#73
Isopropylbenzene
Concen: 22.202 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025853.D
Acq: 16 Dec 2021 14:20

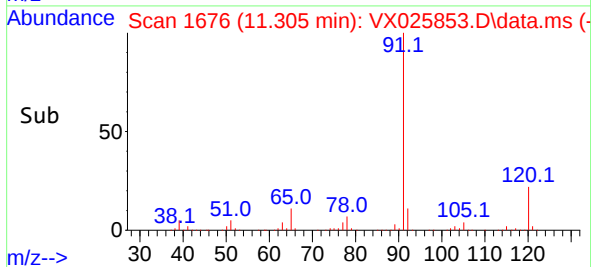
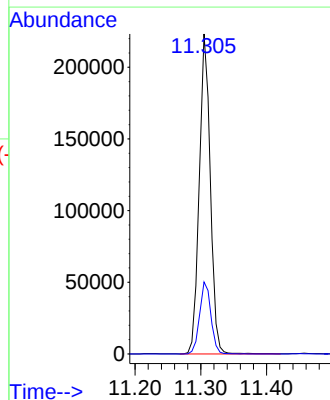
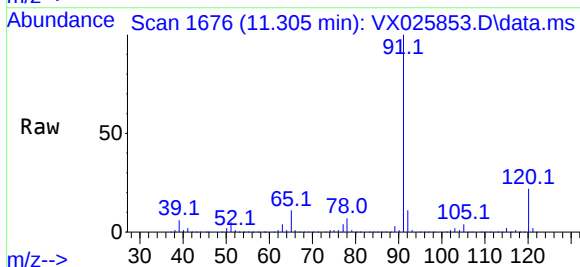
Instrument :
MSVOA_X
ClientSampleId :
C1

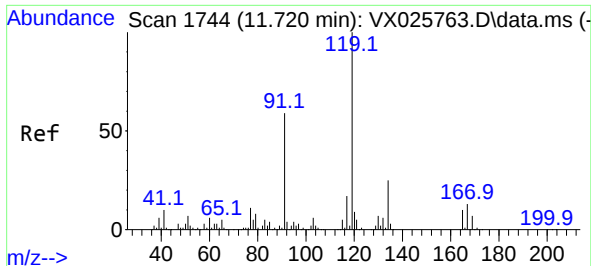
Tgt Ion:105 Resp: 158900
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.7



#78
n-propylbenzene
Concen: 32.031 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025853.D
Acq: 16 Dec 2021 14:20

Tgt Ion: 91 Resp: 259310
Ion Ratio Lower Upper
91 100
120 23.0 12.0 36.1

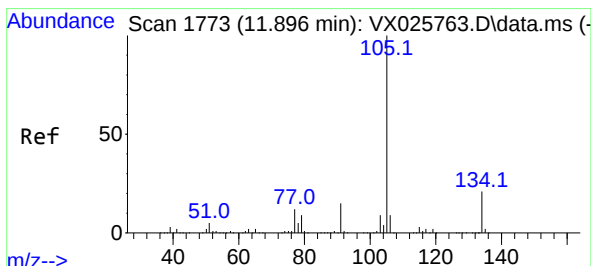
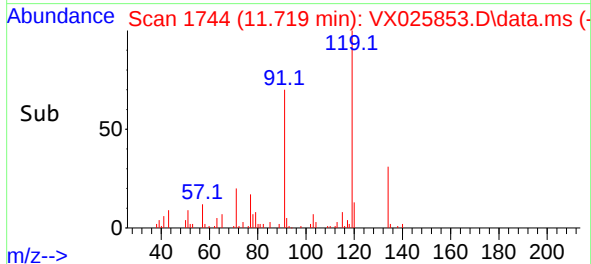
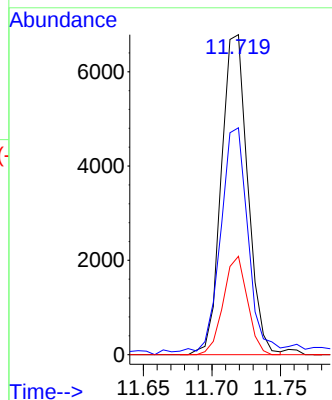
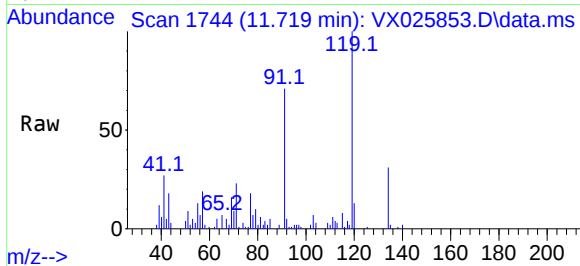




#83
tert-Butylbenzene
Concen: 1.562 ug/l
RT: 11.719 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025853.D
Acq: 16 Dec 2021 14:20

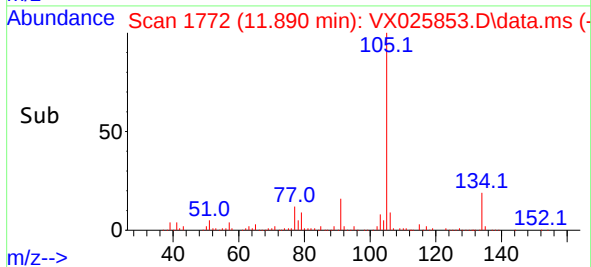
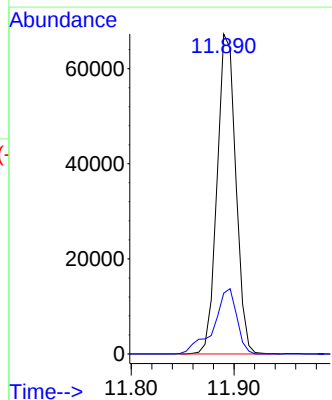
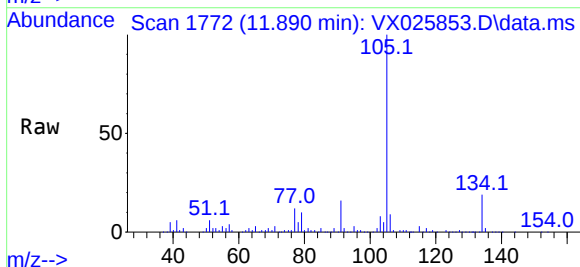
Instrument :
MSVOA_X
ClientSampleId :
C1

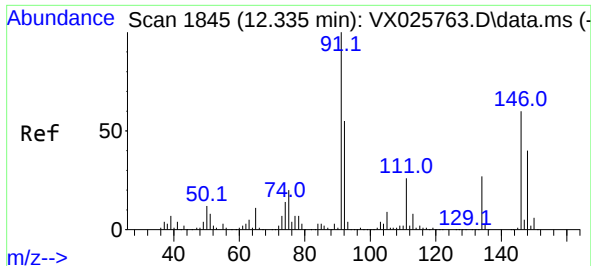
Tgt Ion:119 Resp: 9086
Ion Ratio Lower Upper
119 100
91 75.8 28.7 86.1
134 28.0 11.9 35.9



#85
sec-Butylbenzene
Concen: 12.114 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX025853.D
Acq: 16 Dec 2021 14:20

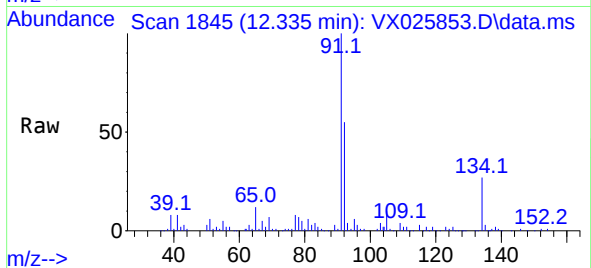
Tgt Ion:105 Resp: 84718
Ion Ratio Lower Upper
105 100
134 25.3 10.4 31.1





#89
 n-Butylbenzene
 Concen: 9.485 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025853.D
 Acq: 16 Dec 2021 14:20

Instrument :
 MSVOA_X
 ClientSampleId :
 C1



Tgt Ion: 91 Resp: 46467

Ion	Ratio	Lower	Upper
91	100		
92	50.3	27.3	81.8
134	38.1	13.5	40.4

