

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027651.D
 Acq On : 23 Mar 2022 06:52
 Operator : JC/MD
 Sample : N2028-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Mar 23 07:45:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

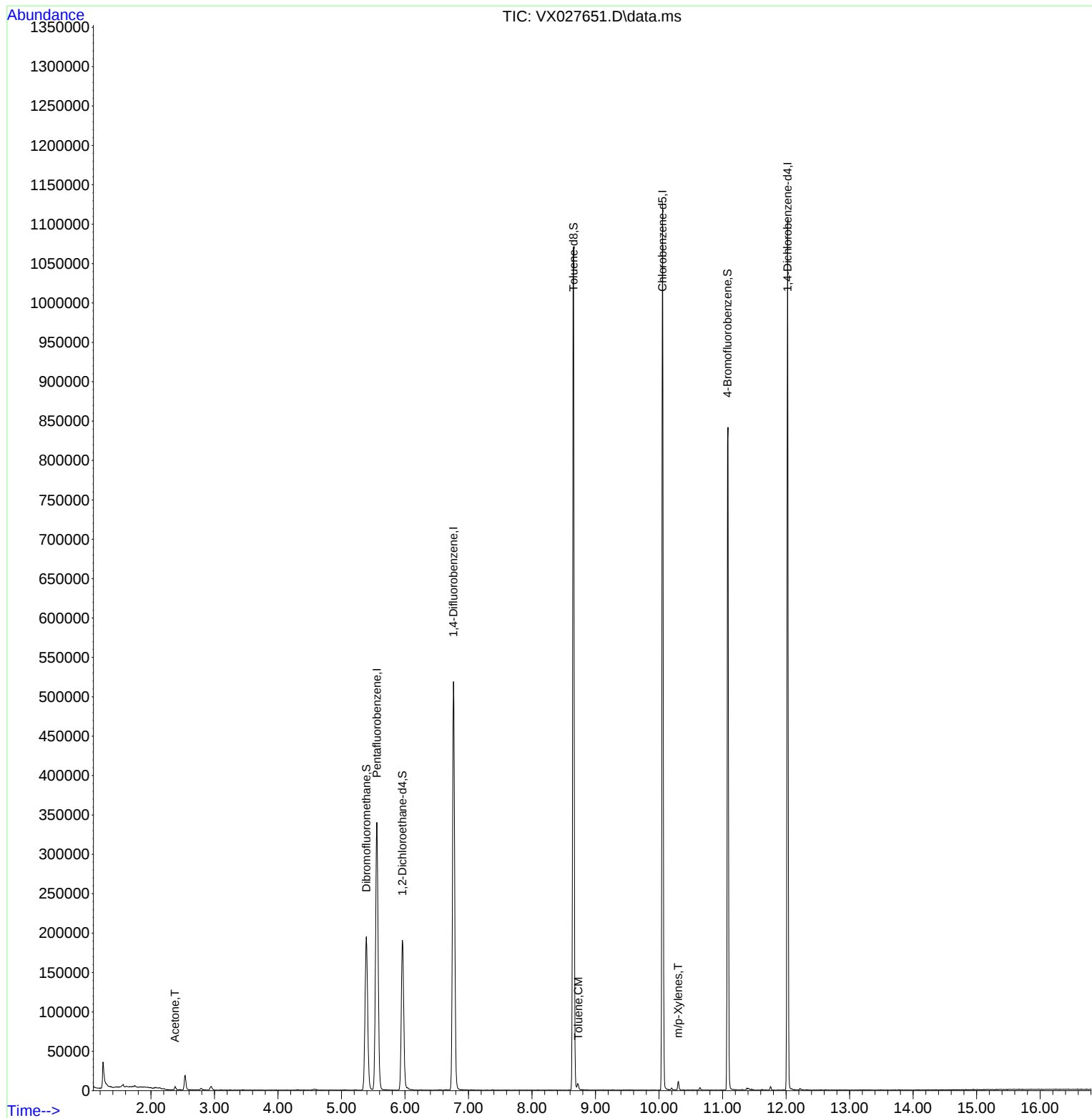
Internal Standards						
1) Pentafluorobenzene	5.556	168	354234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	552861	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	513144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	230937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184056	42.178	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.360%
35) Dibromofluoromethane	5.391	113	174068	48.937	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.880%
50) Toluene-d8	8.653	98	664421	49.362	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	235979	47.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.400%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4031	2.266	ug/l	89
52) Toluene	8.726	92	2982	0.319	ug/l	94
68) m/p-Xylenes	10.299	106	2957	0.416	ug/l	94

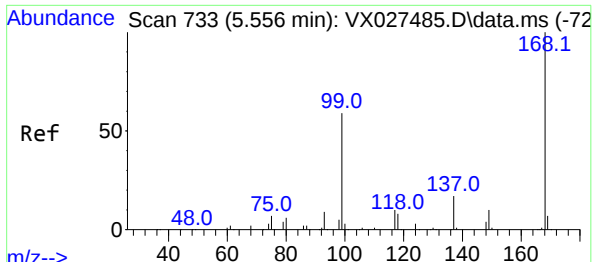
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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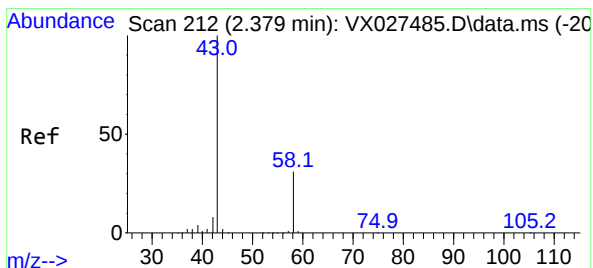
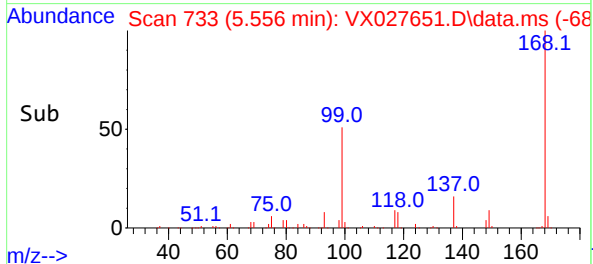
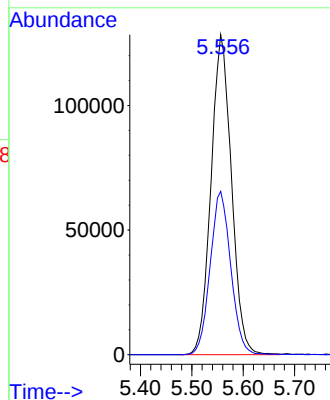
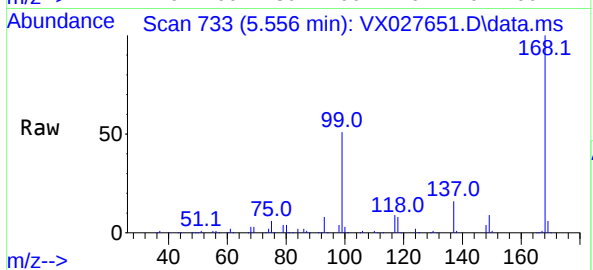




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

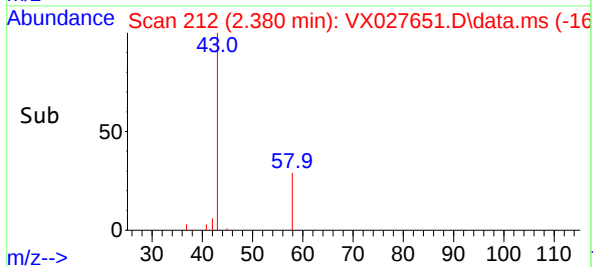
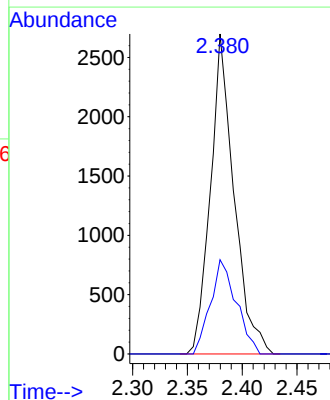
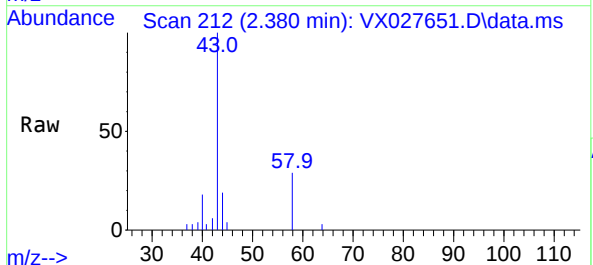
Instrument :
MSVOA_X
ClientSampleId :
TB

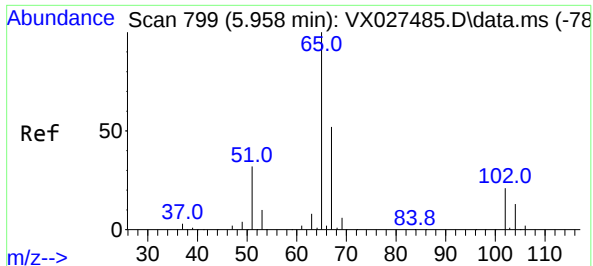
Tgt Ion:168 Resp: 354234
Ion Ratio Lower Upper
168 100
99 51.1 41.7 62.5



#16
Acetone
Concen: 2.266 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

Tgt Ion: 43 Resp: 4031
Ion Ratio Lower Upper
43 100
58 29.4 28.8 43.2





#33

1,2-Dichloroethane-d4

Concen: 42.178 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027651.D

Acq: 23 Mar 2022 06:52

Instrument :

MSVOA_X

ClientSampleId :

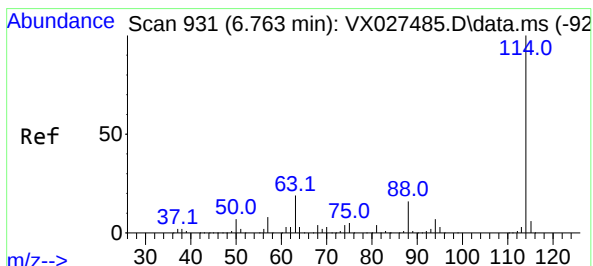
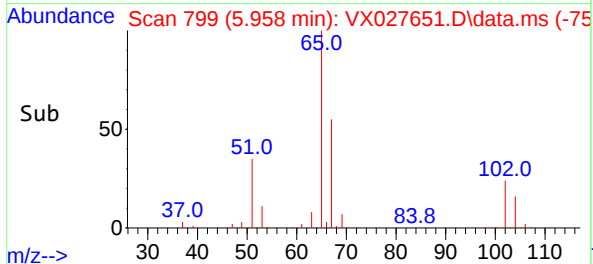
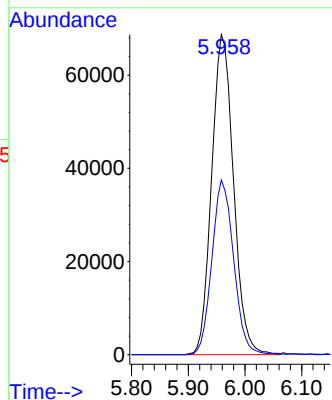
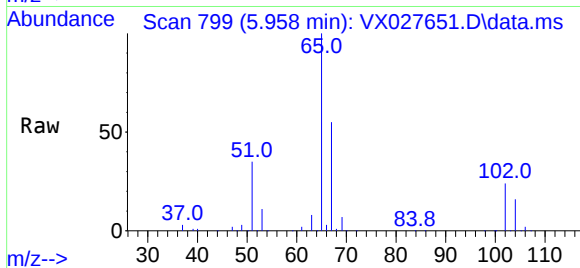
TB

Tgt Ion: 65 Resp: 184056

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027651.D

Acq: 23 Mar 2022 06:52

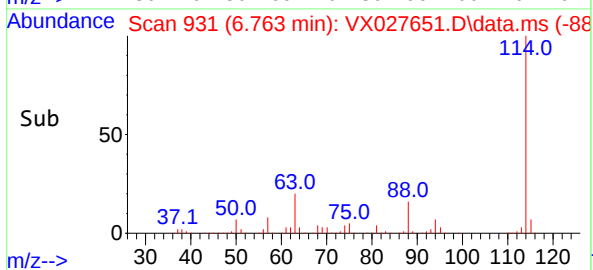
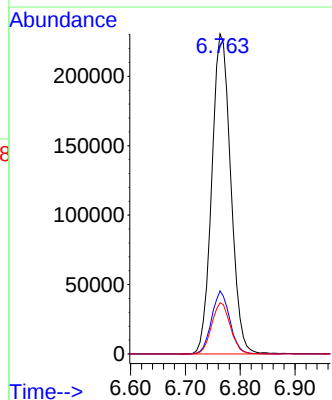
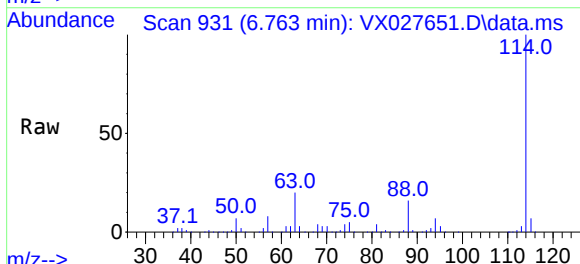
Tgt Ion: 114 Resp: 552861

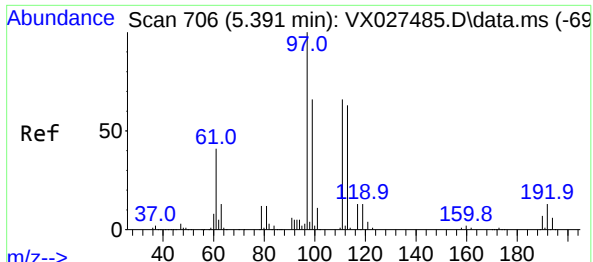
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 16.0 0.0 32.4

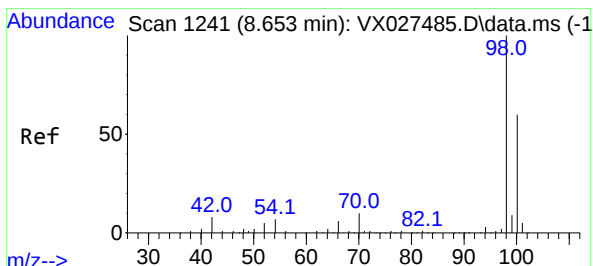
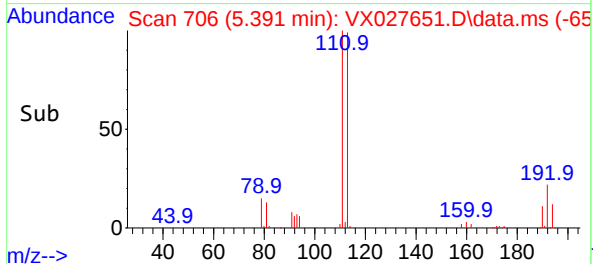
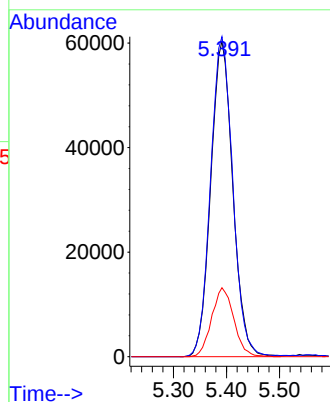
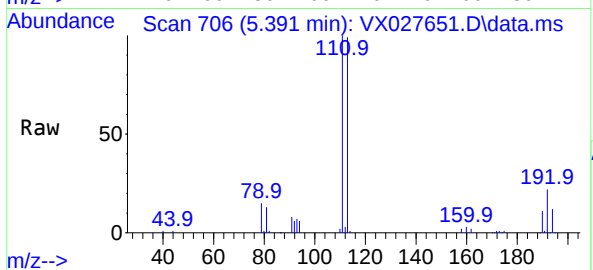




#35
Dibromofluoromethane
Concen: 48.937 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

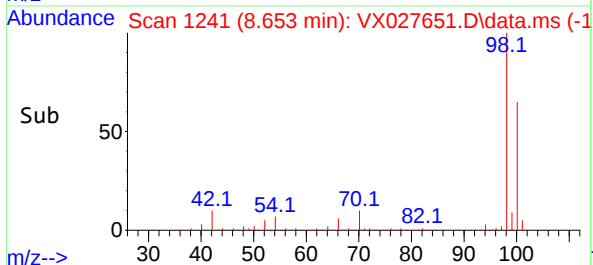
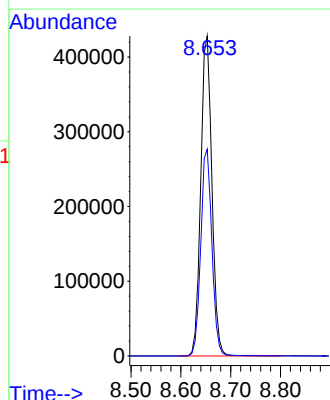
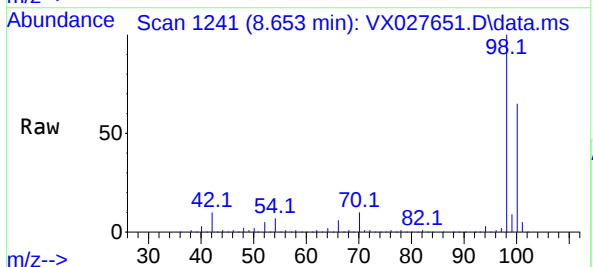
Instrument :
MSVOA_X
ClientSampleId :
TB

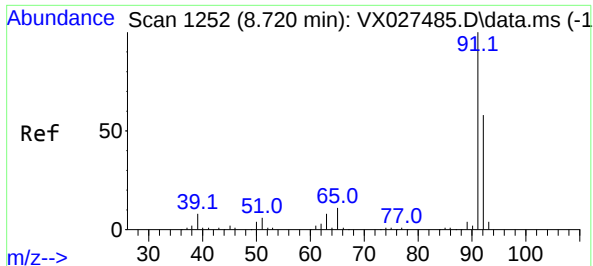
Tgt Ion:113 Resp: 174068
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 22.0 16.9 25.3



#50
Toluene-d8
Concen: 49.362 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

Tgt Ion: 98 Resp: 664421
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





#52

Toluene

Concen: 0.319 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX027651.D

Acq: 23 Mar 2022 06:52

Instrument :

MSVOA_X

ClientSampleId :

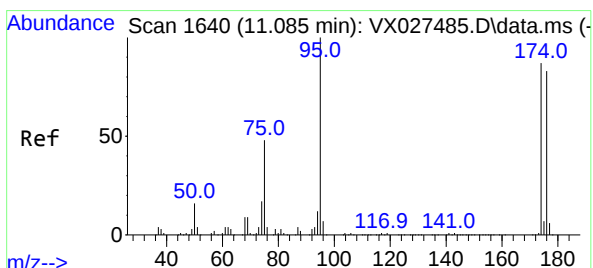
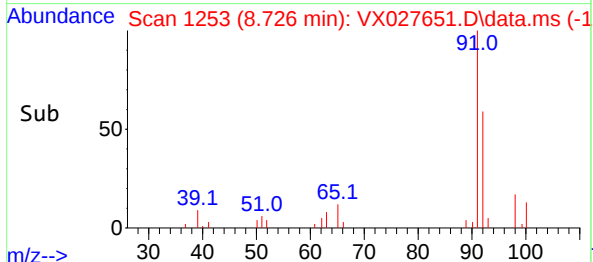
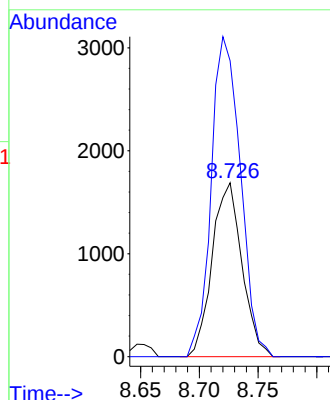
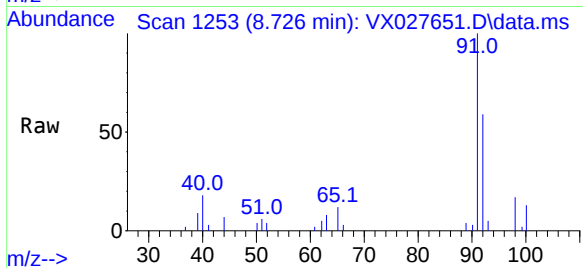
TB

Tgt Ion: 92 Resp: 2982

Ion Ratio Lower Upper

92 100

91 180.2 137.5 206.3



#62

4-Bromofluorobenzene

Concen: 47.698 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027651.D

Acq: 23 Mar 2022 06:52

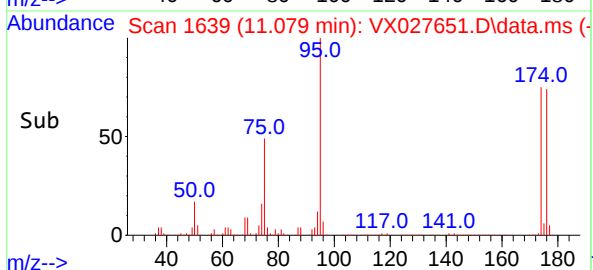
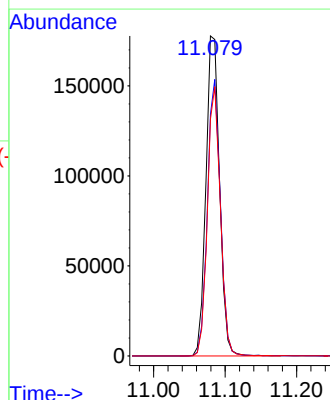
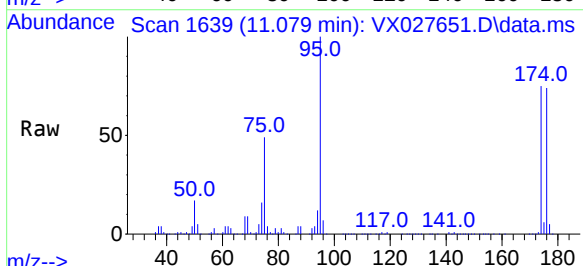
Tgt Ion: 95 Resp: 235979

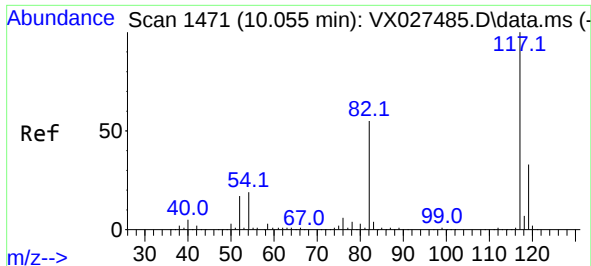
Ion Ratio Lower Upper

95 100

174 82.2 0.0 163.0

176 80.0 0.0 155.0

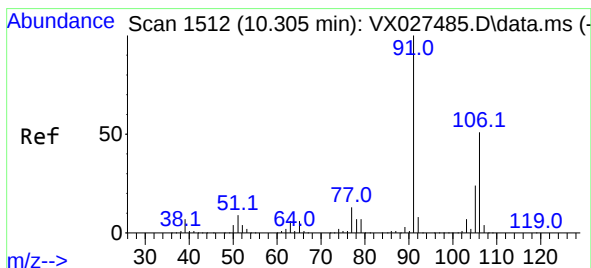
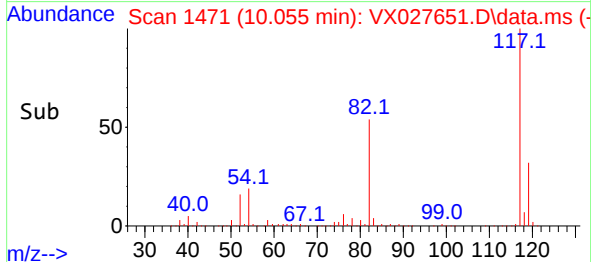
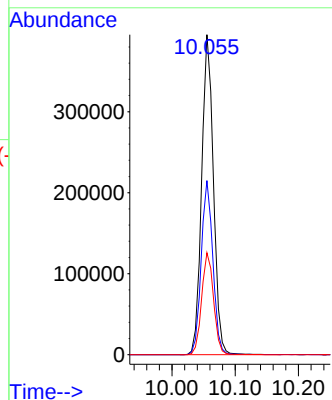
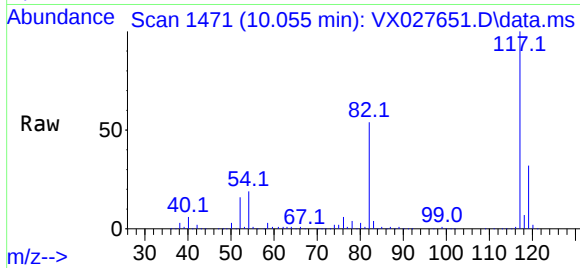




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

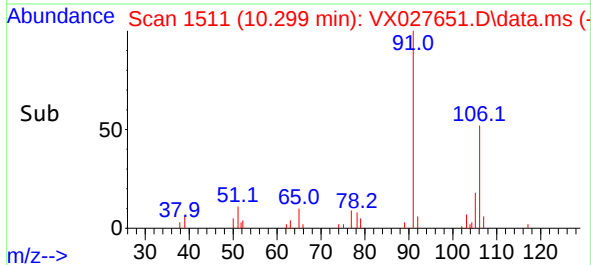
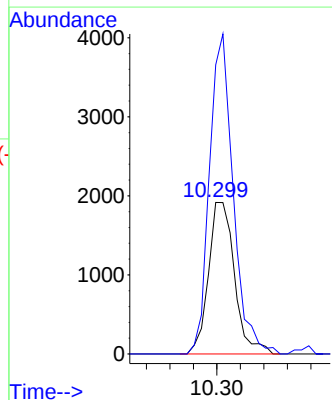
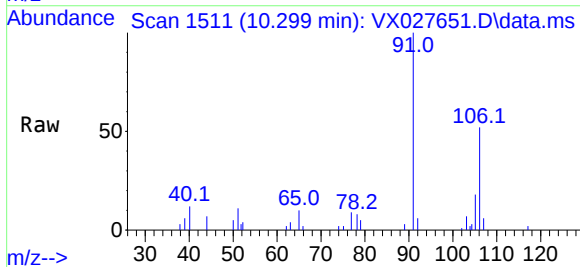
Instrument :
MSVOA_X
ClientSampleId :
TB

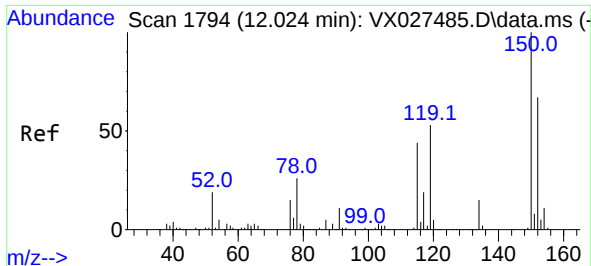
Tgt Ion:117 Resp: 513144
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.8
119 31.8 24.8 37.2



#68
m/p-Xylenes
Concen: 0.416 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX027651.D
Acq: 23 Mar 2022 06:52

Tgt Ion:106 Resp: 2957
Ion Ratio Lower Upper
106 100
91 192.1 160.4 240.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027651.D

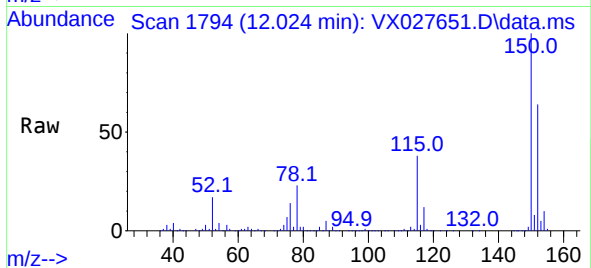
Acq: 23 Mar 2022 06:52

Instrument :

MSVOA_X

ClientSampleId :

TB



Tgt Ion:152 Resp: 230937

Ion Ratio Lower Upper

152 100

115 59.7 37.5 112.7

150 155.7 0.0 338.2

