

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029757.D
 Acq On : 23 Jun 2022 20:20
 Operator : JC/MD
 Sample : N3366-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16S

Quant Time: Jun 24 05:41:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

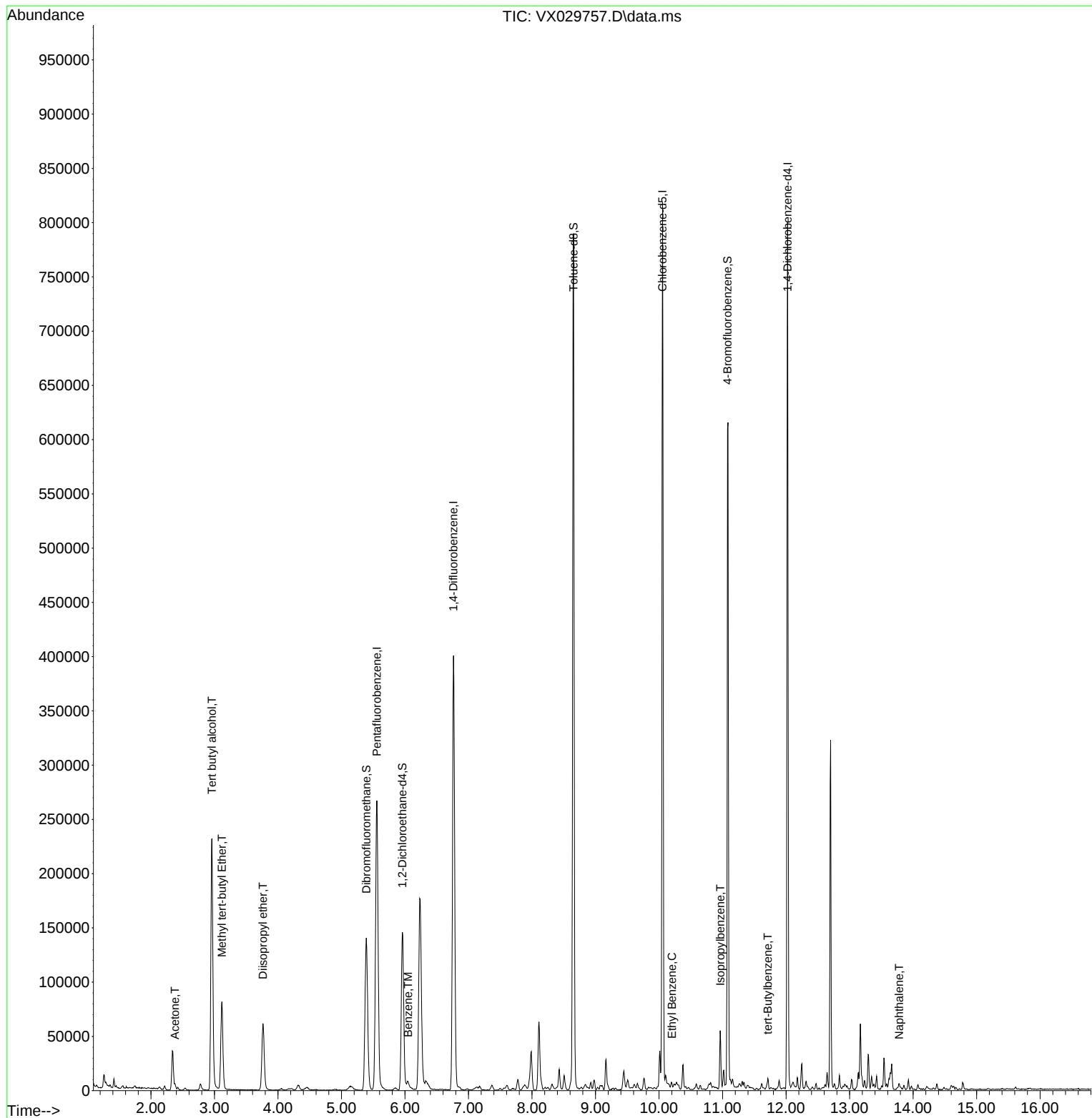
Internal Standards						
1) Pentafluorobenzene	5.556	168	259998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	437025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138536	40.253	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.500%
35) Dibromofluoromethane	5.391	113	127515	44.773	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.540%
50) Toluene-d8	8.653	98	489002	47.000	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.000%
62) 4-Bromofluorobenzene	11.079	95	180791	46.078	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	290930	393.202	ug/l	99
16) Acetone	2.380	43	4489	3.272	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	95265	10.418	ug/l	100
22) Diisopropyl ether	3.764	45	66461	7.900	ug/l #	86
40) Benzene	6.050	78	9906	0.867	ug/l #	90
67) Ethyl Benzene	10.201	91	3366	0.250	ug/l	93
73) Isopropylbenzene	10.964	105	27469	2.128	ug/l	97
83) tert-Butylbenzene	11.713	119	3365	0.318	ug/l	74
95) Naphthalene	13.780	128	4421	0.366	ug/l #	94

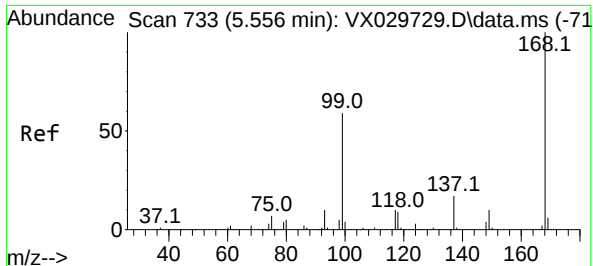
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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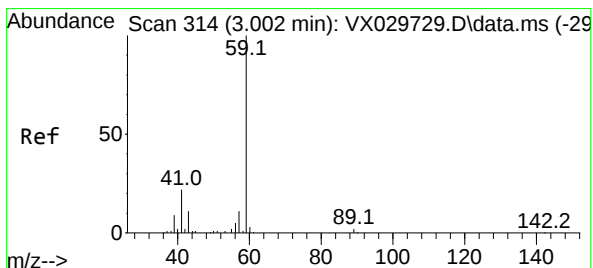
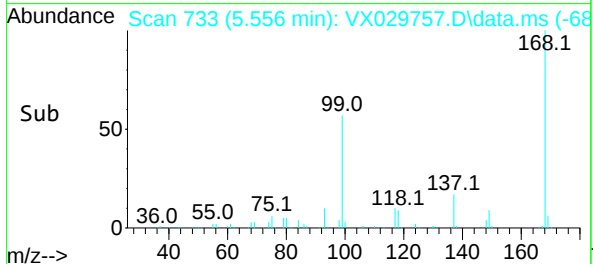
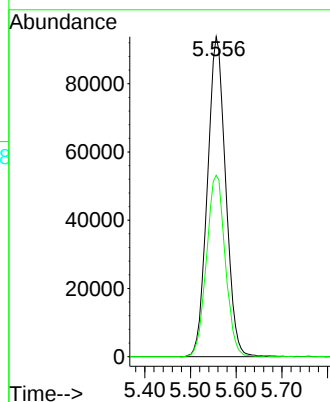
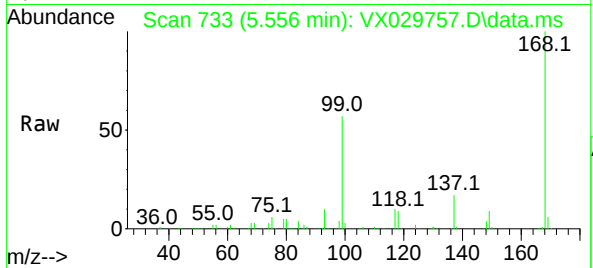




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029757.D
Acq: 23 Jun 2022 20:20

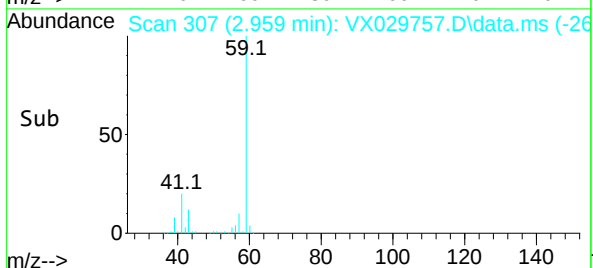
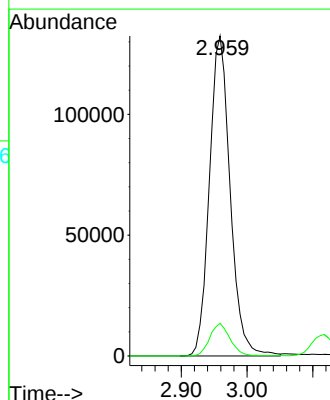
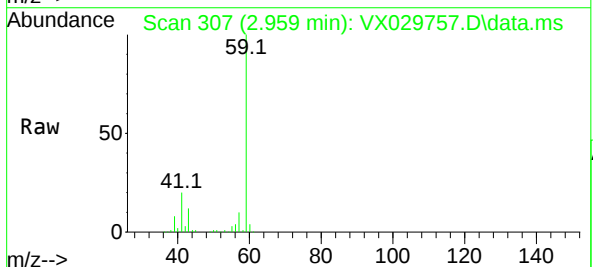
Instrument :
MSVOA_X
ClientSampleId :
MW-16S

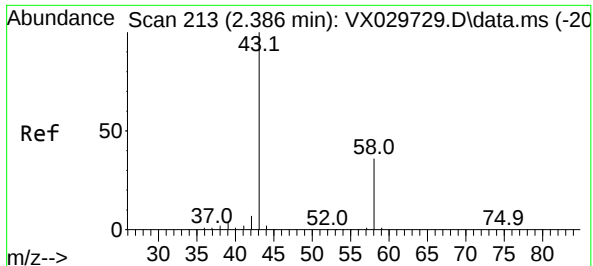
Tgt Ion:168 Resp: 259998
Ion Ratio Lower Upper
168 100
99 56.7 41.7 62.5



#11
Tert butyl alcohol
Concen: 393.202 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029757.D
Acq: 23 Jun 2022 20:20

Tgt Ion: 59 Resp: 290930
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

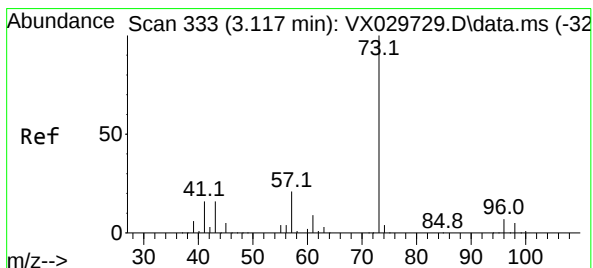
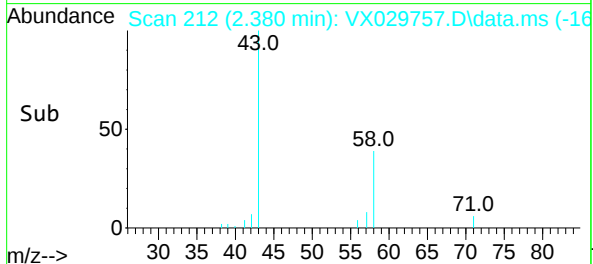
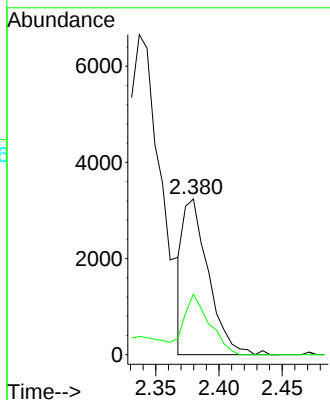
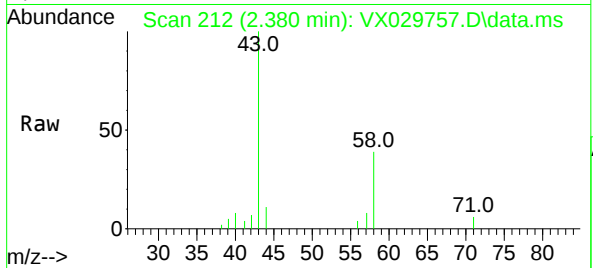




#16
Acetone
Concen: 3.272 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029757.D
Acq: 23 Jun 2022 20:20

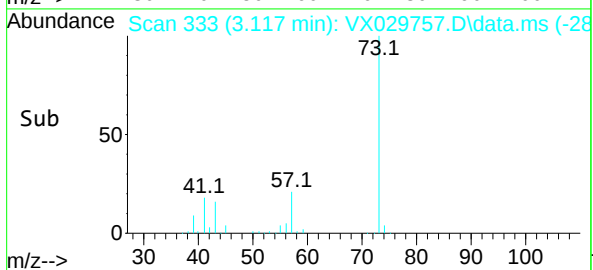
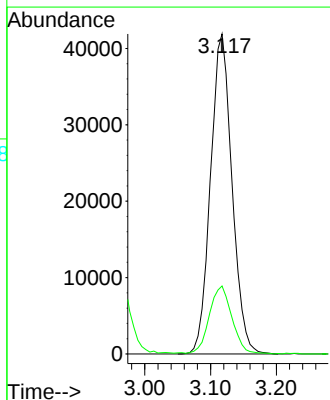
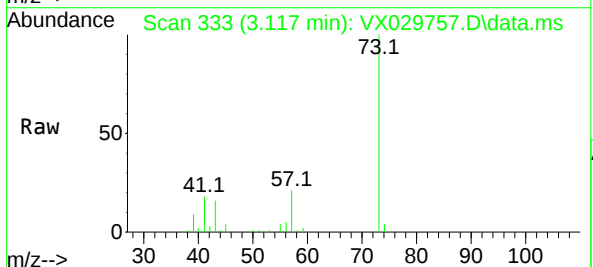
Instrument :
MSVOA_X
ClientSampleId :
MW-16S

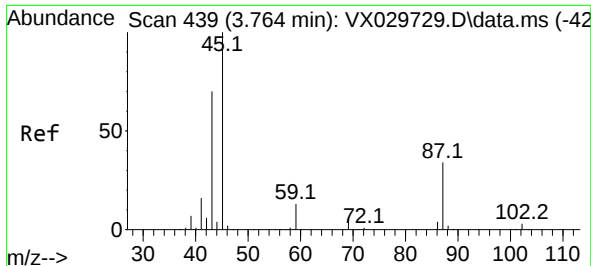
Tgt Ion: 43 Resp: 4489
Ion Ratio Lower Upper
43 100
58 39.0 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 10.418 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029757.D
Acq: 23 Jun 2022 20:20

Tgt Ion: 73 Resp: 95265
Ion Ratio Lower Upper
73 100
57 21.1 16.8 25.2

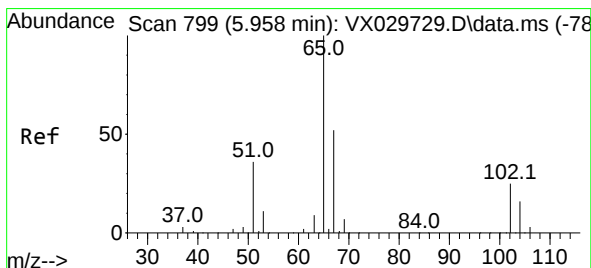
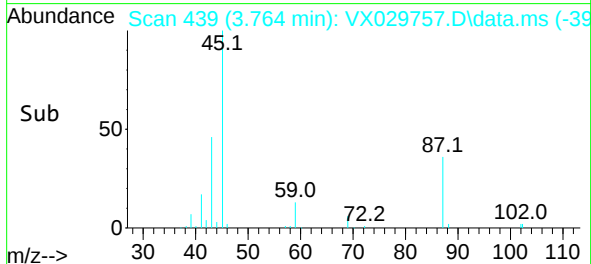
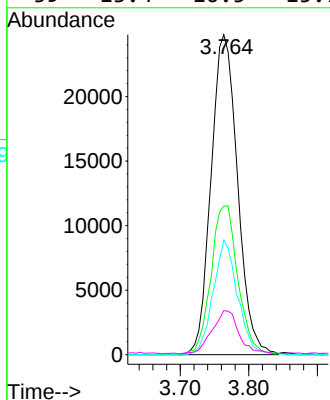
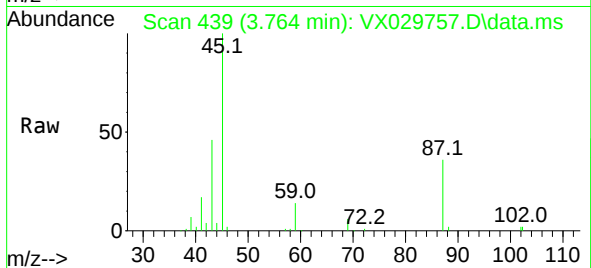




#22
Diisopropyl ether
Concen: 7.900 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX029757.D
Acq: 23 Jun 2022 20:20

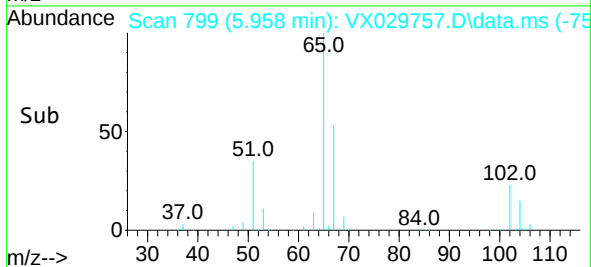
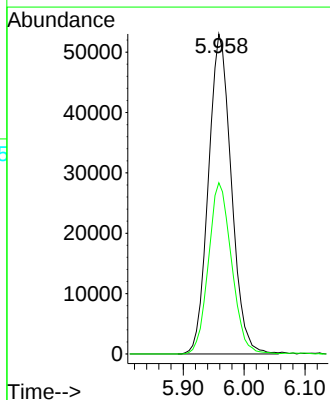
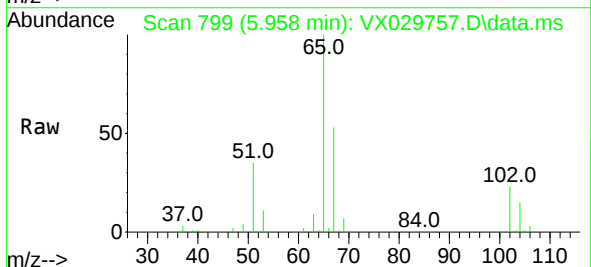
Instrument :
MSVOA_X
ClientSampleId :
MW-16S

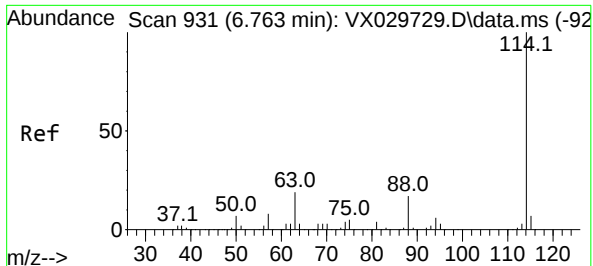
Tgt Ion:	45	Resp:	66461
Ion	Ratio	Lower	Upper
45	100		
43	46.4	50.8	76.2#
87	35.8	26.6	39.8
59	13.4	10.5	15.7



#33
1,2-Dichloroethane-d4
Concen: 40.253 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029757.D
Acq: 23 Jun 2022 20:20

Tgt Ion:	65	Resp:	138536
Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.4

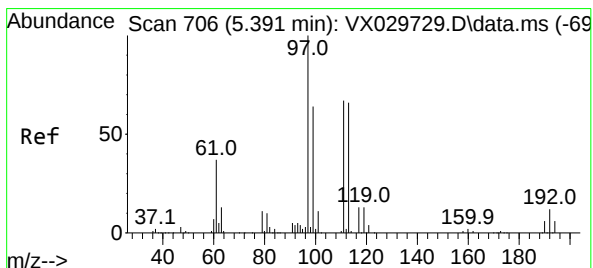
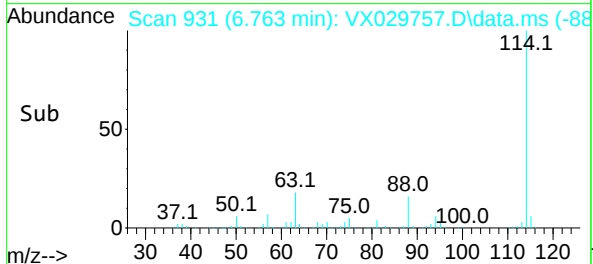
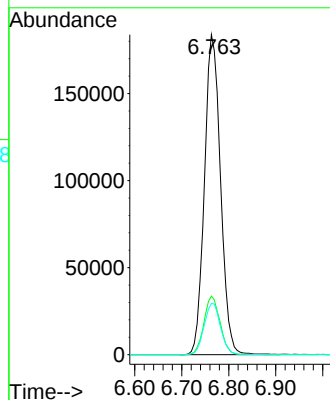
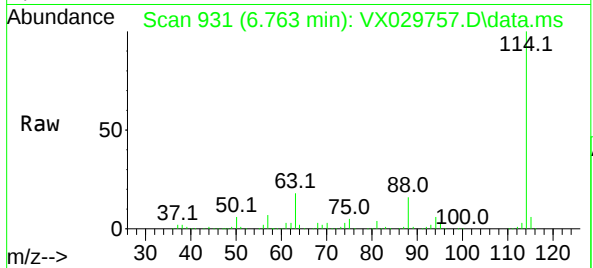




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029757.D
Acq: 23 Jun 2022 20:20

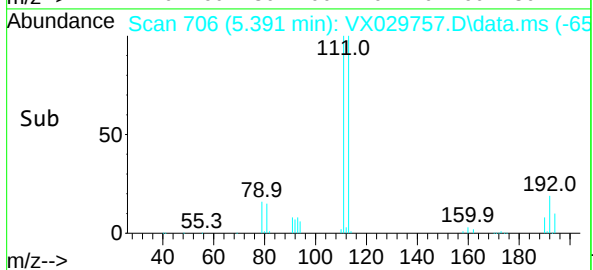
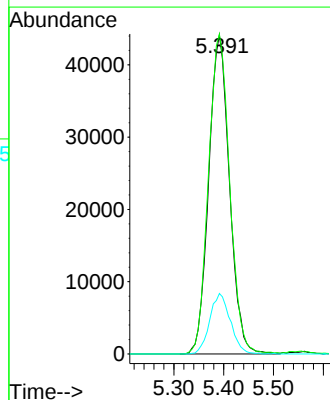
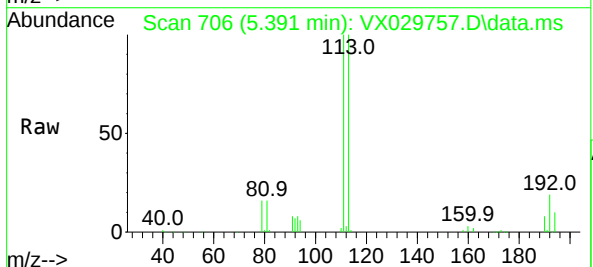
Instrument :
MSVOA_X
ClientSampleId :
MW-16S

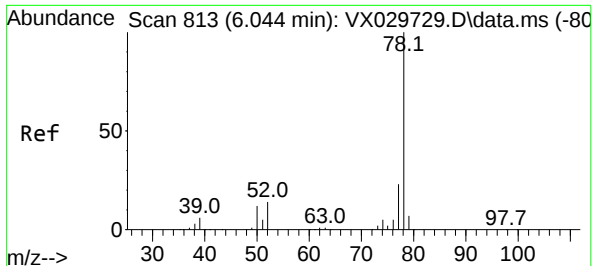
Tgt Ion:114 Resp: 437025
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.773 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029757.D
Acq: 23 Jun 2022 20:20

Tgt Ion:113 Resp: 127515
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 18.9 16.9 25.3





#40

Benzene

Concen: 0.867 ug/l

RT: 6.050 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX029757.D

Acq: 23 Jun 2022 20:20

Instrument :

MSVOA_X

ClientSampleId :

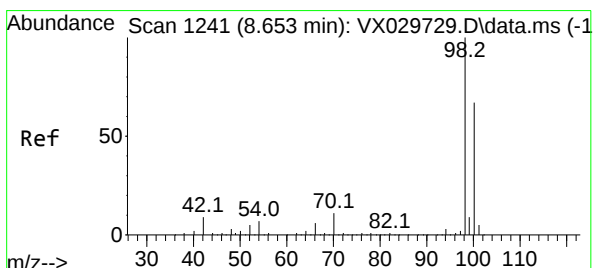
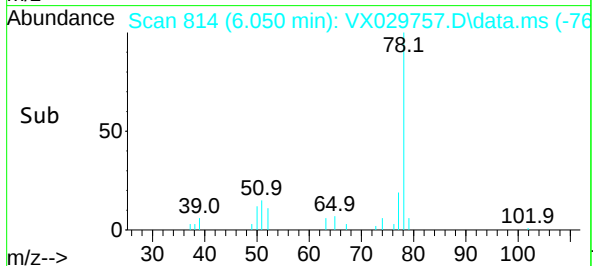
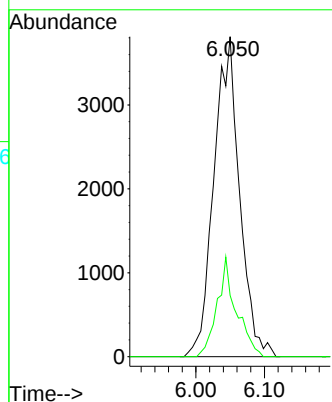
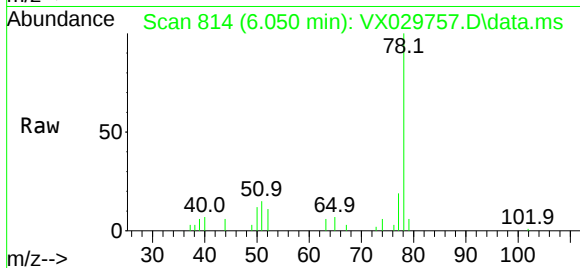
MW-16S

Tgt Ion: 78 Resp: 9906

Ion Ratio Lower Upper

78 100

77 19.2 19.3 28.9#



#50

Toluene-d8

Concen: 47.000 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029757.D

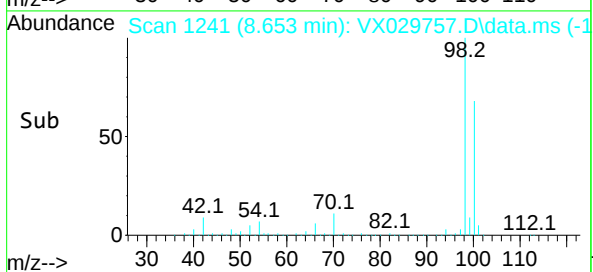
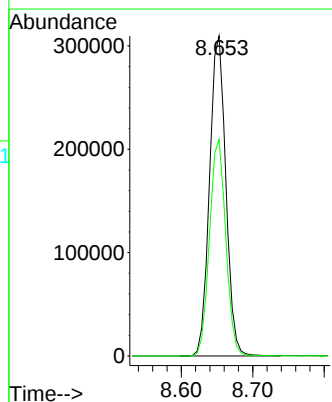
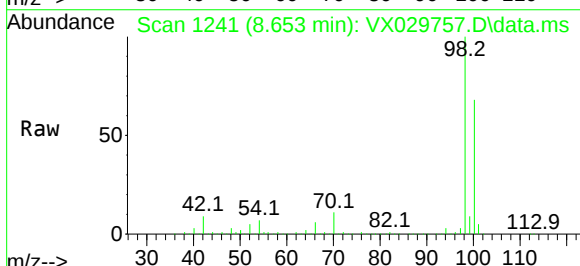
Acq: 23 Jun 2022 20:20

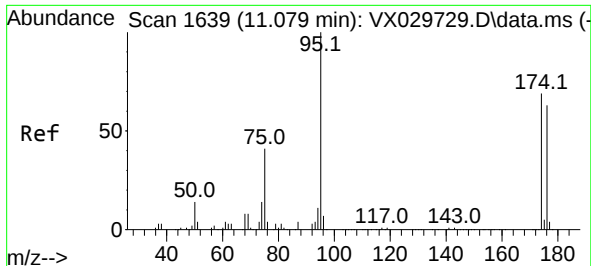
Tgt Ion: 98 Resp: 489002

Ion Ratio Lower Upper

98 100

100 67.7 52.6 78.8

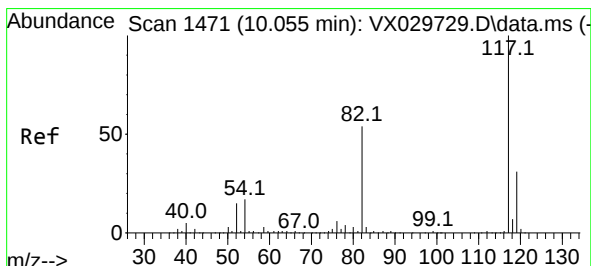
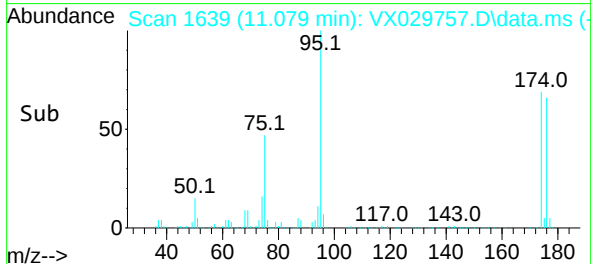
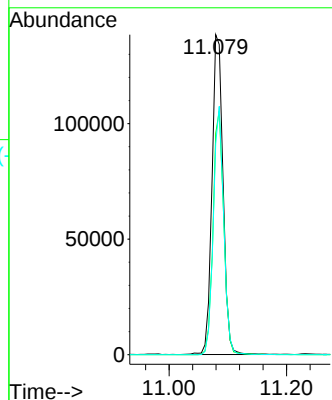
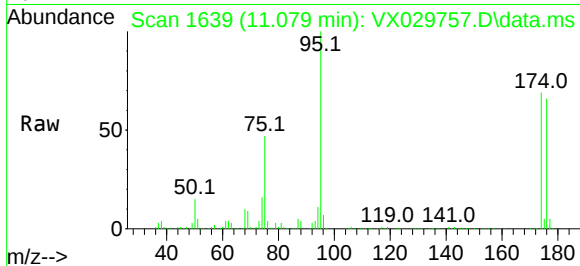




#62
4-Bromofluorobenzene
Concen: 46.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029757.D
Acq: 23 Jun 2022 20:20

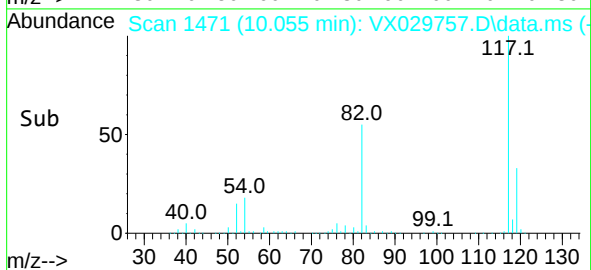
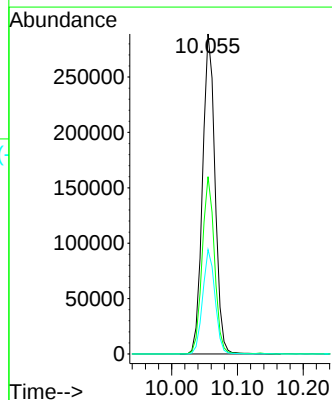
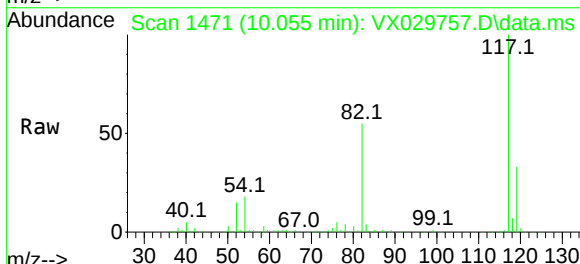
Instrument :
MSVOA_X
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MW-16S

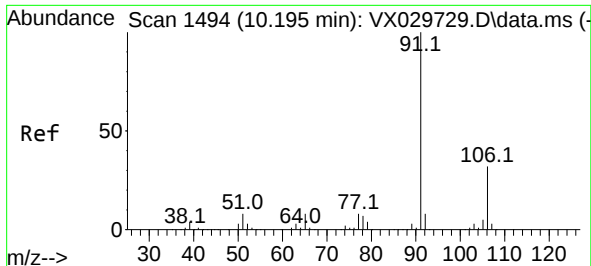
Tgt Ion: 95 Resp: 180791
Ion Ratio Lower Upper
95 100
174 73.3 0.0 163.0
176 72.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029757.D
Acq: 23 Jun 2022 20:20

Tgt Ion: 117 Resp: 381870
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.6 24.8 37.2





#67

Ethyl Benzene

Concen: 0.250 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX029757.D

Acq: 23 Jun 2022 20:20

Instrument :

MSVOA_X

ClientSampleId :

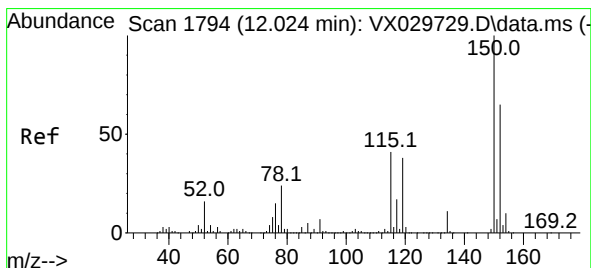
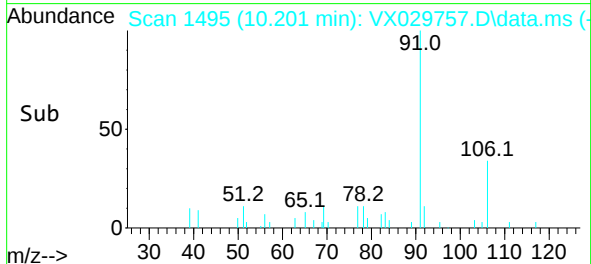
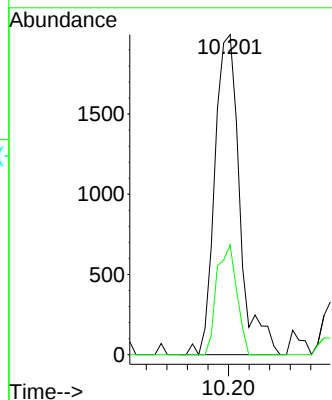
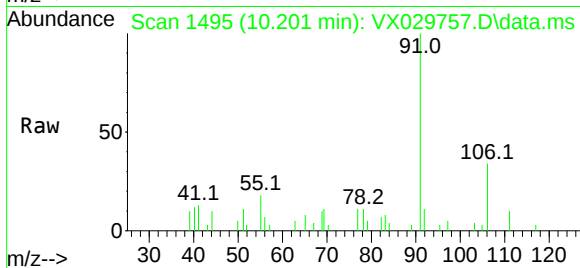
MW-16S

Tgt Ion: 91 Resp: 3366

Ion Ratio Lower Upper

91 100

106 34.3 24.6 36.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029757.D

Acq: 23 Jun 2022 20:20

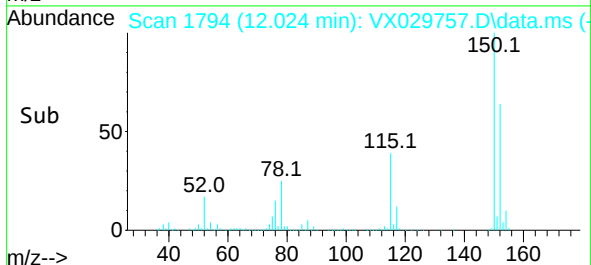
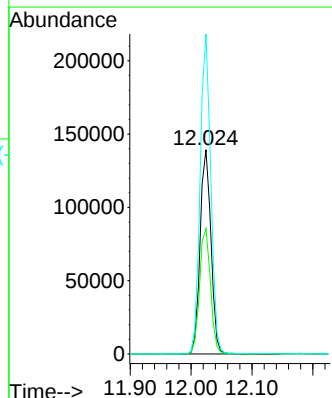
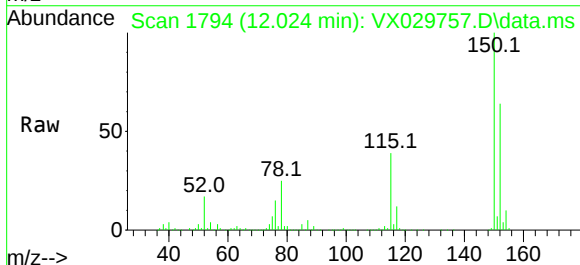
Tgt Ion: 152 Resp: 172136

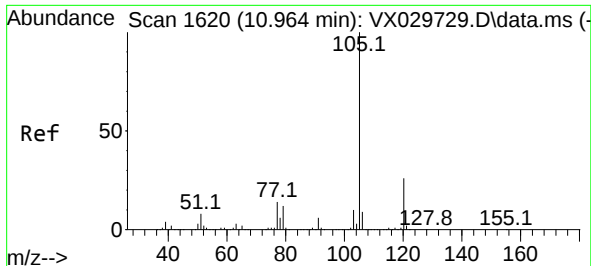
Ion Ratio Lower Upper

152 100

115 61.9 37.5 112.7

150 153.5 0.0 338.2

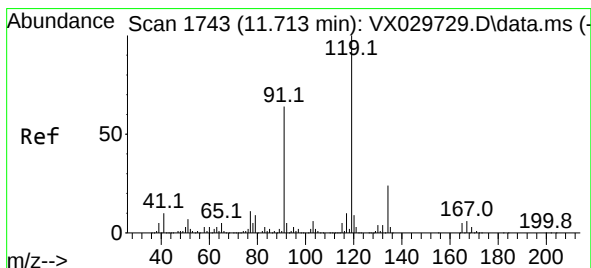
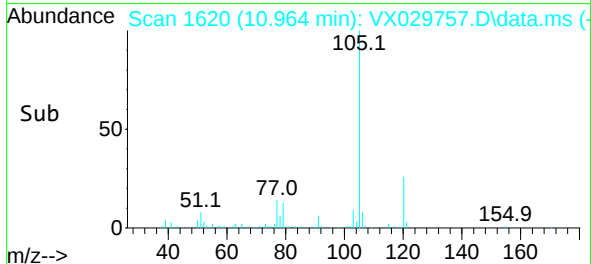
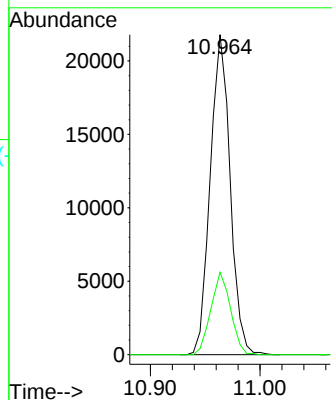
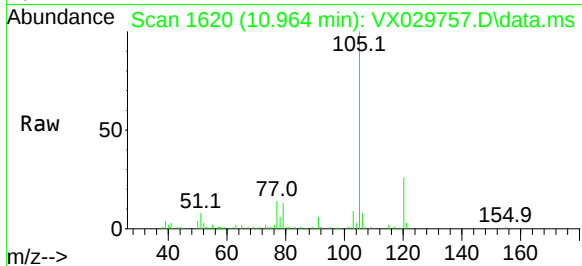




#73
Isopropylbenzene
Concen: 2.128 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029757.D
Acq: 23 Jun 2022 20:20

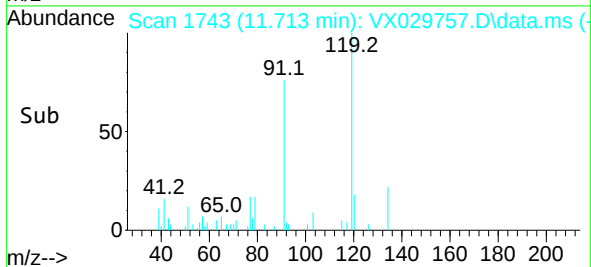
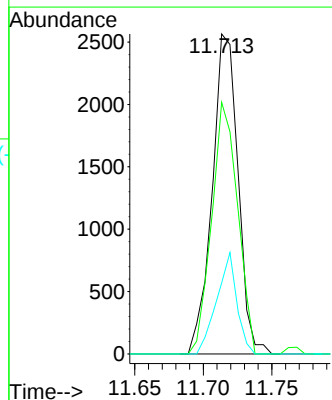
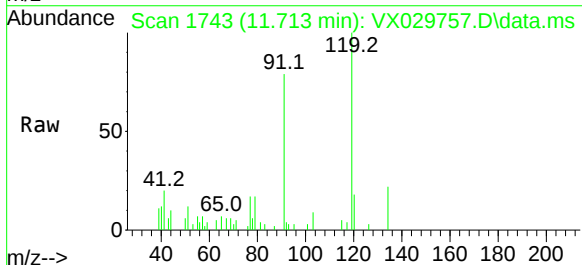
Instrument :
MSVOA_X
ClientSampleId :
MW-16S

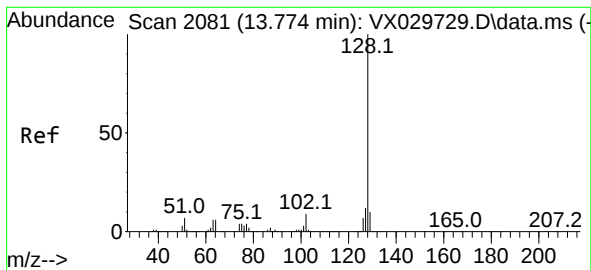
Tgt Ion:105 Resp: 27469
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.5



#83
tert-Butylbenzene
Concen: 0.318 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX029757.D
Acq: 23 Jun 2022 20:20

Tgt Ion:119 Resp: 3365
Ion Ratio Lower Upper
119 100
91 79.0 26.9 80.6
134 24.6 11.4 34.2





#95

Naphthalene

Concen: 0.366 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029757.D

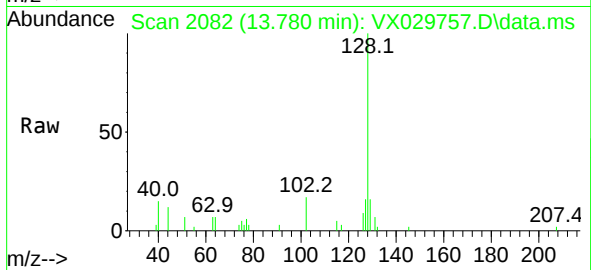
Acq: 23 Jun 2022 20:20

Instrument :

MSVOA_X

ClientSampleId :

MW-16S



Tgt Ion:128 Resp: 4421

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.4

129 7.4 8.7 13.1#

