

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029772.D
 Acq On : 24 Jun 2022 13:59
 Operator : JC/MD
 Sample : N3366-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25

Quant Time: Jun 25 02:01:00 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)

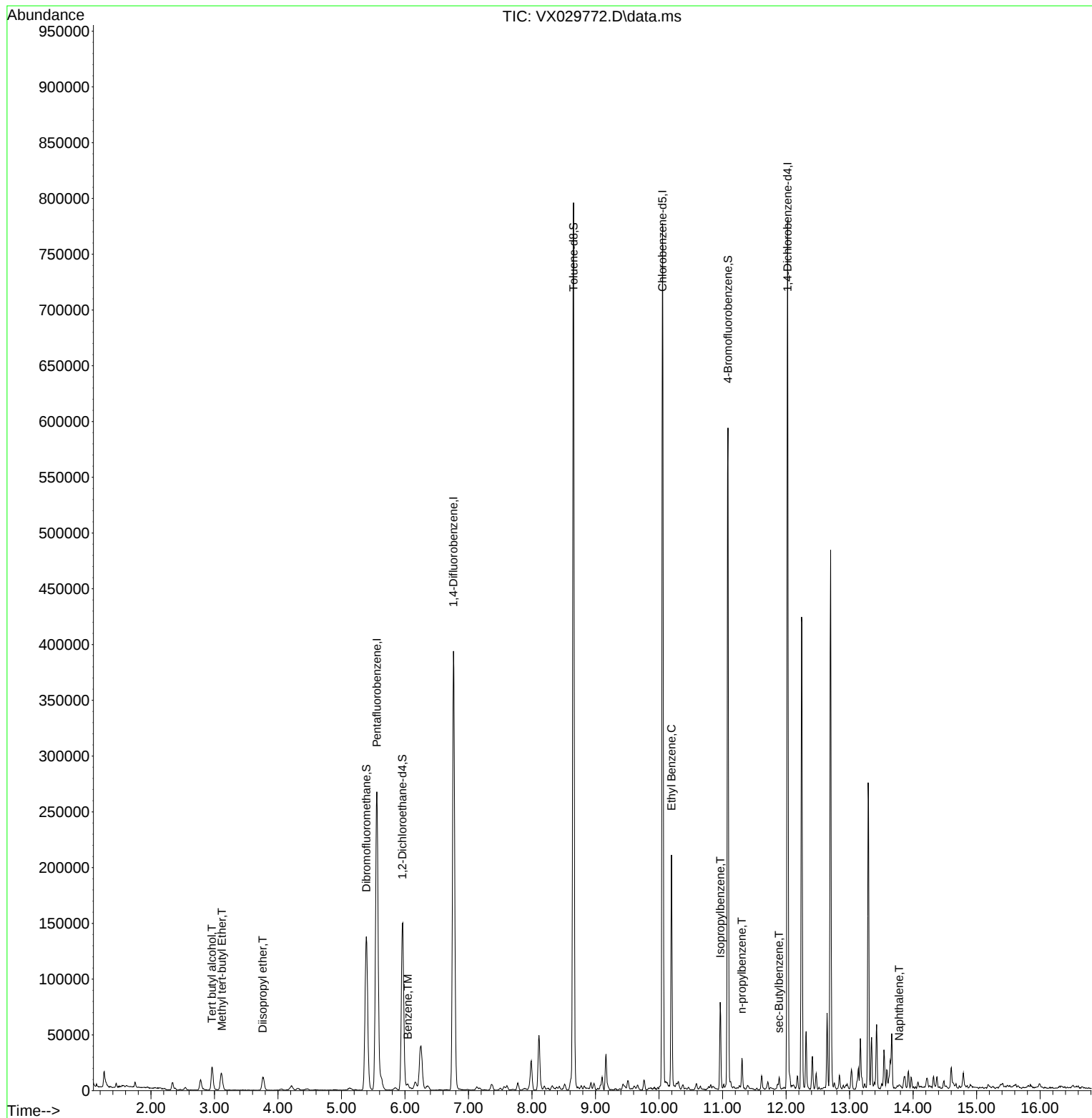
Internal Standards						
1) Pentafluorobenzene	5.556	168	261271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143521	41.498	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.000%
35) Dibromofluoromethane	5.391	113	126197	45.707	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.420%
50) Toluene-d8	8.653	98	481930	47.780	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.560%
62) 4-Bromofluorobenzene	11.085	95	173222	45.540	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	26502	26.906	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	10137	1.103	ug/l #	21
22) Diisopropyl ether	3.757	45	12596	1.490	ug/l #	85
40) Benzene	6.044	78	5988	0.541	ug/l	91
67) Ethyl Benzene	10.195	91	118831	9.150	ug/l	99
73) Isopropylbenzene	10.963	105	40049	3.276	ug/l	98
78) n-propylbenzene	11.305	91	16395	1.191	ug/l	96
85) sec-Butylbenzene	11.890	105	4171	0.335	ug/l	97
95) Naphthalene	13.780	128	3838	0.336	ug/l #	81

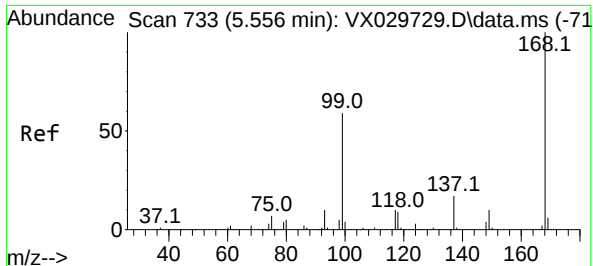
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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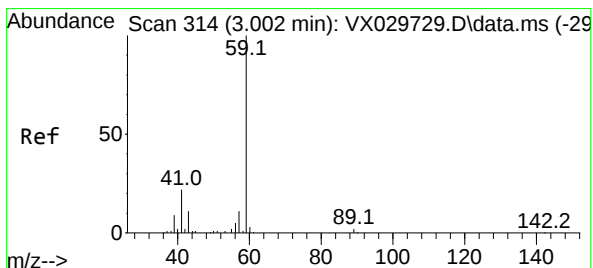
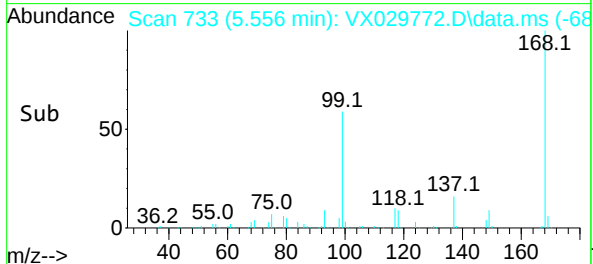
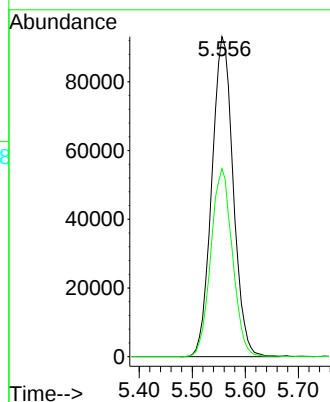
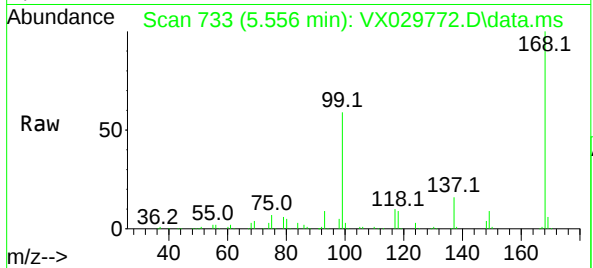




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029772.D
Acq: 24 Jun 2022 13:59

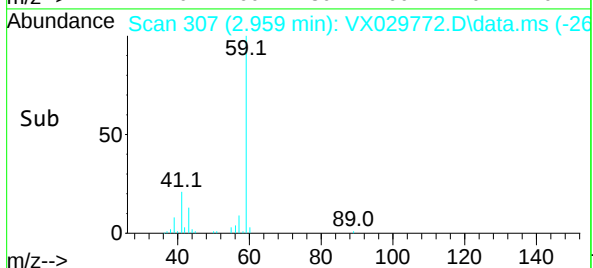
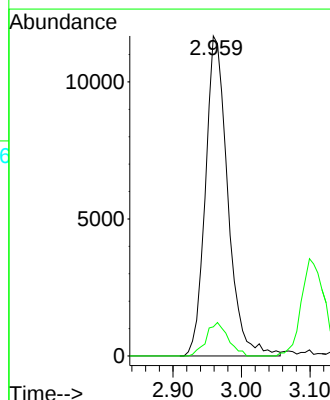
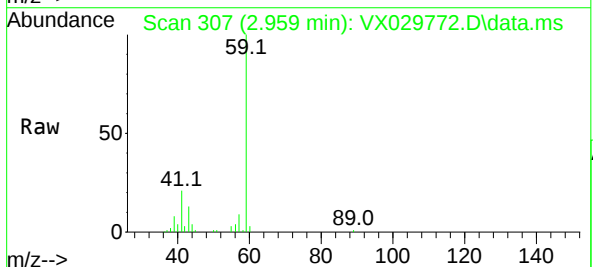
Instrument :
MSVOA_X
ClientSampleId :
MW-25

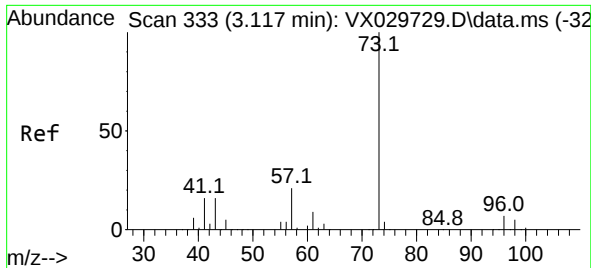
Tgt Ion:168 Resp: 261271
Ion Ratio Lower Upper
168 100
99 58.8 41.7 62.5



#11
Tert butyl alcohol
Concen: 26.906 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029772.D
Acq: 24 Jun 2022 13:59

Tgt Ion: 59 Resp: 26502
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

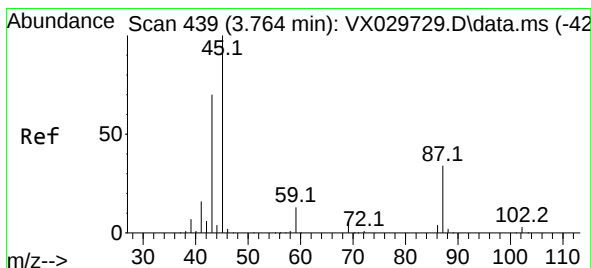
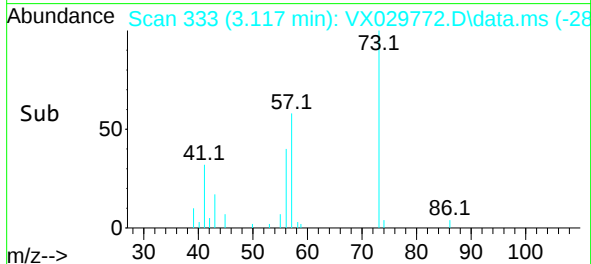
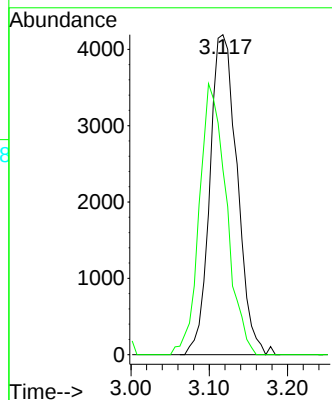
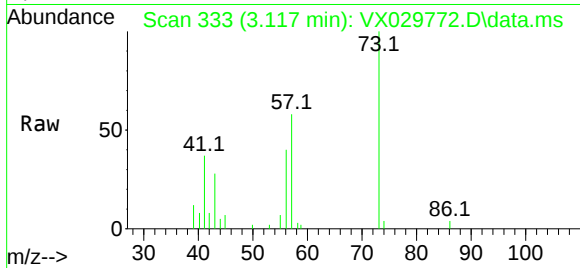




#19
Methyl tert-butyl Ether
Concen: 1.103 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029772.D
Acq: 24 Jun 2022 13:59

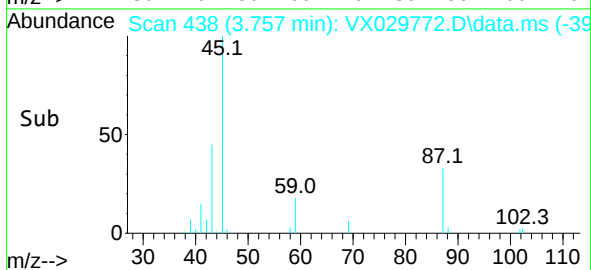
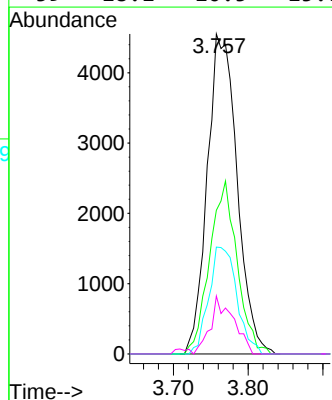
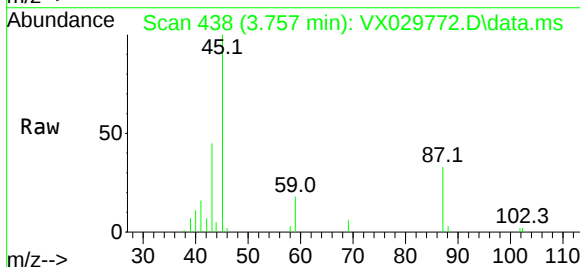
Instrument :
MSVOA_X
ClientSampleId :
MW-25

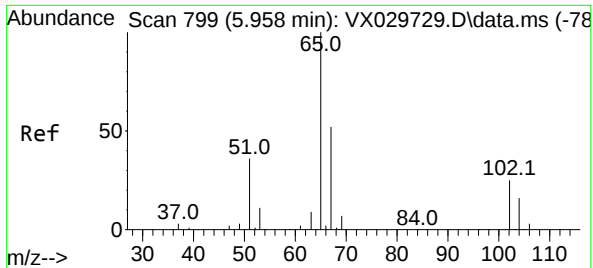
Tgt Ion: 73 Resp: 10137
Ion Ratio Lower Upper
73 100
57 57.9 16.8 25.2#



#22
Diisopropyl ether
Concen: 1.490 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX029772.D
Acq: 24 Jun 2022 13:59

Tgt Ion: 45 Resp: 12596
Ion Ratio Lower Upper
45 100
43 44.9 50.8 76.2#
87 33.4 26.6 39.8
59 18.1 10.5 15.7#





#33

1,2-Dichloroethane-d4

Concen: 41.498 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029772.D

Acq: 24 Jun 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

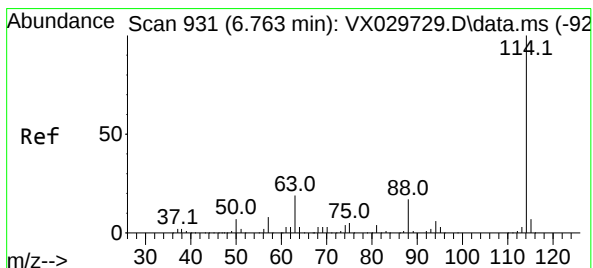
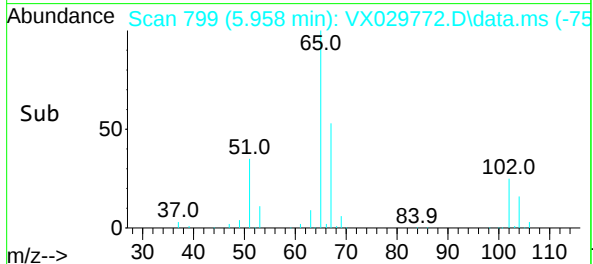
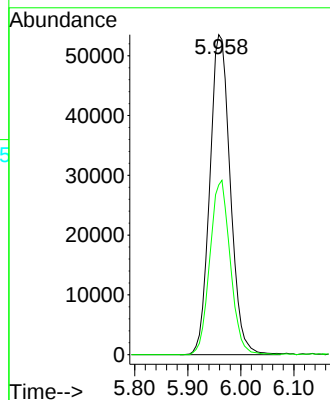
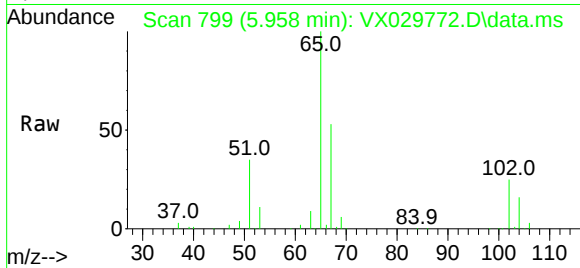
MW-25

Tgt Ion: 65 Resp: 143521

Ion Ratio Lower Upper

65 100

67 54.3 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: VX029772.D

Acq: 24 Jun 2022 13:59

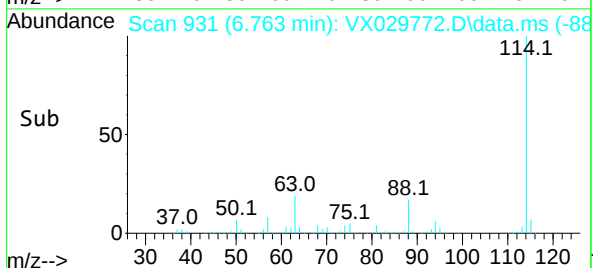
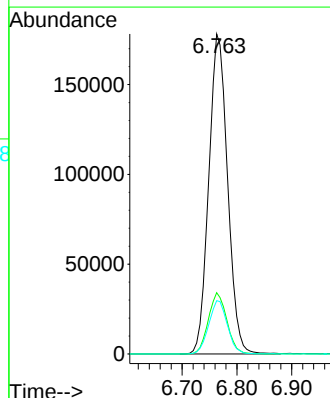
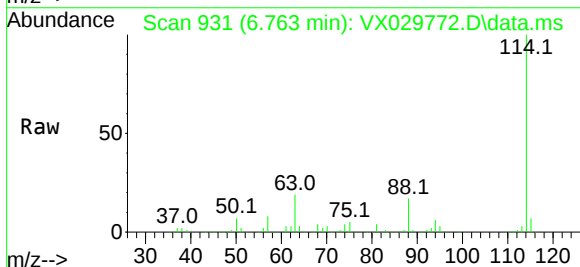
Tgt Ion: 114 Resp: 423670

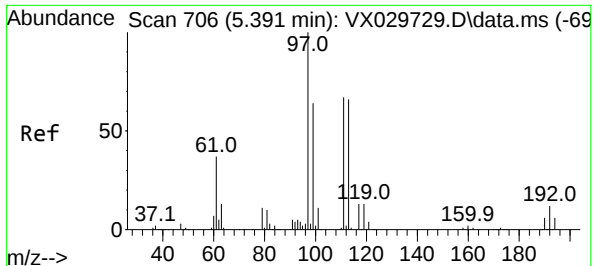
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.707 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029772.D

Acq: 24 Jun 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

MW-25

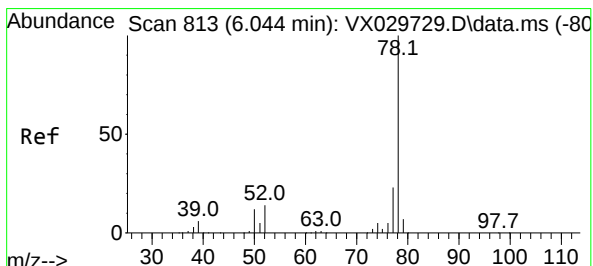
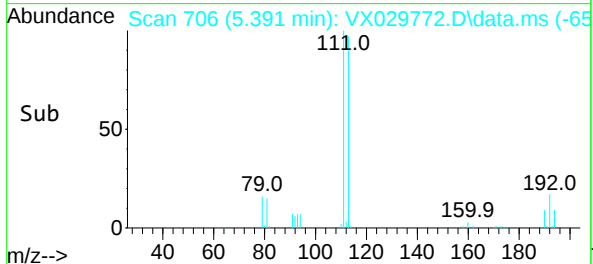
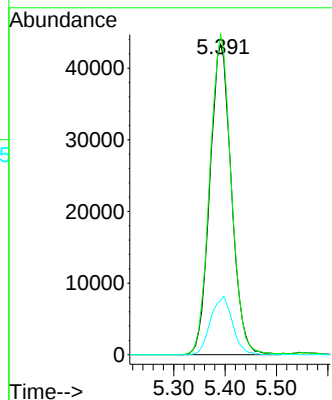
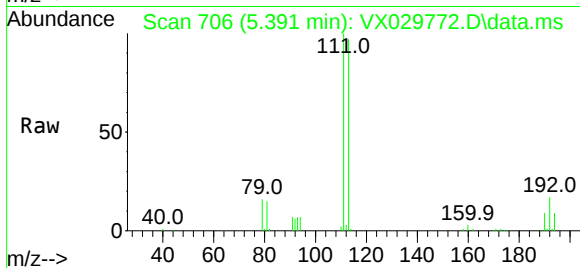
Tgt Ion:113 Resp: 126197

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 19.1 16.9 25.3



#40

Benzene

Concen: 0.541 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029772.D

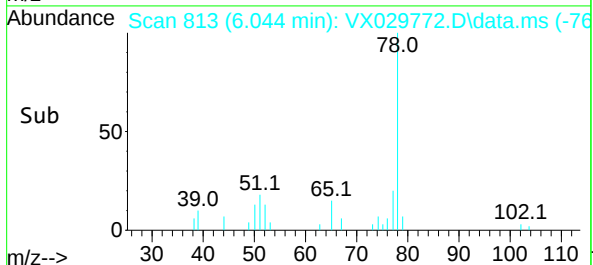
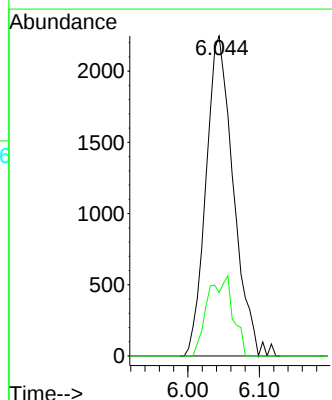
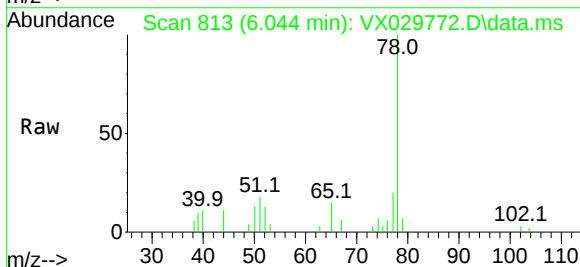
Acq: 24 Jun 2022 13:59

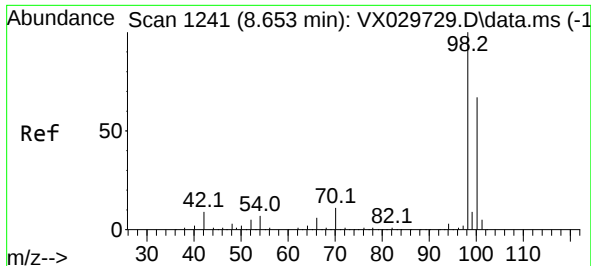
Tgt Ion: 78 Resp: 5988

Ion Ratio Lower Upper

78 100

77 19.8 19.3 28.9

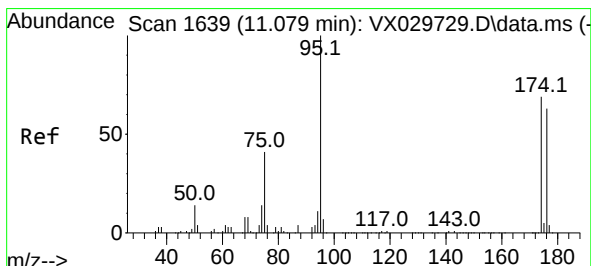
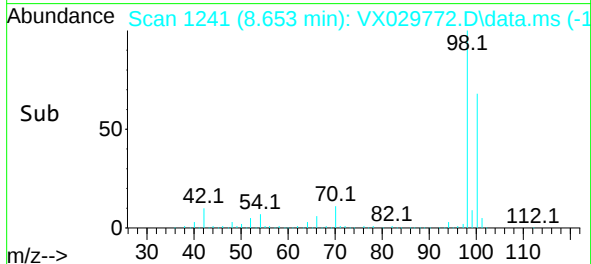
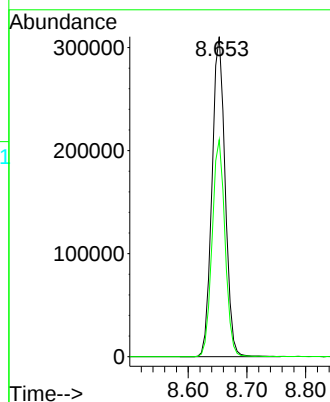
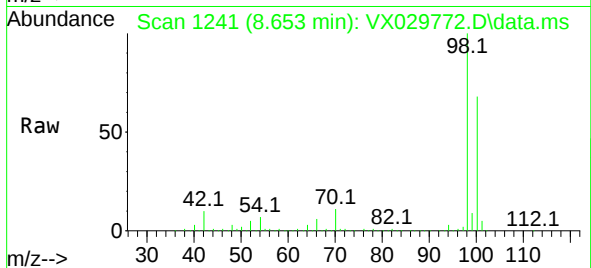




#50
Toluene-d8
Concen: 47.780 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029772.D
Acq: 24 Jun 2022 13:59

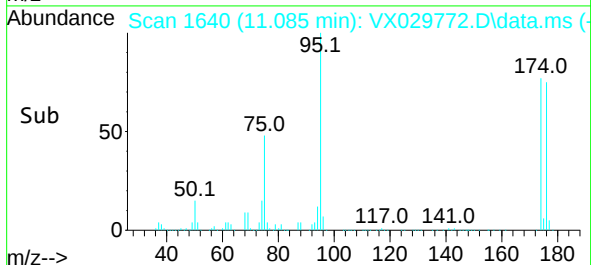
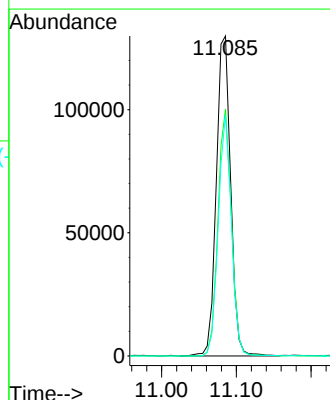
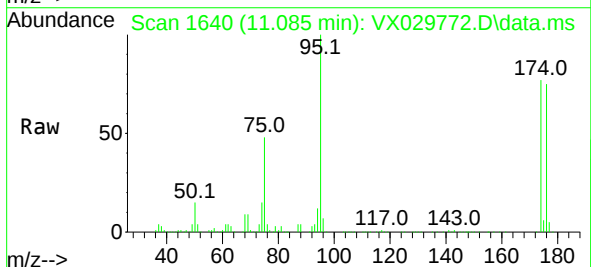
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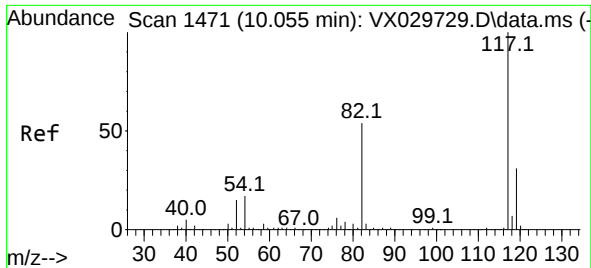
Tgt Ion: 98 Resp: 481930
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.540 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029772.D
Acq: 24 Jun 2022 13:59

Tgt Ion: 95 Resp: 173222
Ion Ratio Lower Upper
95 100
174 72.9 0.0 163.0
176 69.1 0.0 155.0

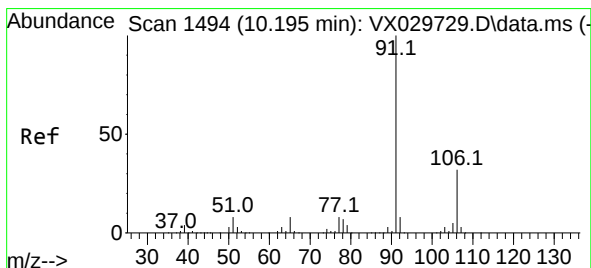
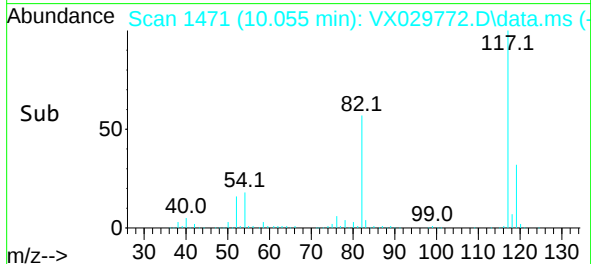
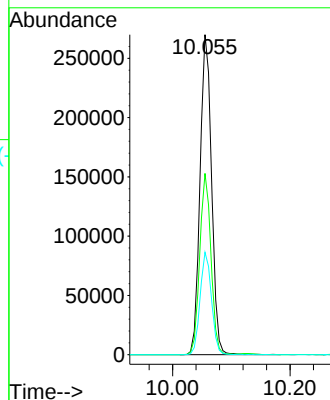
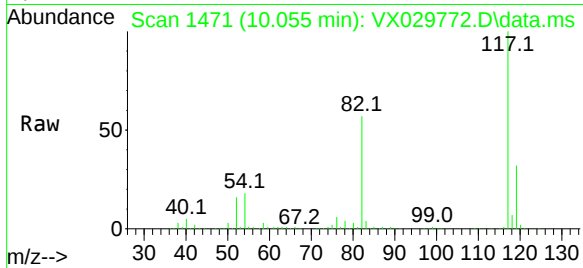




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029772.D
Acq: 24 Jun 2022 13:59

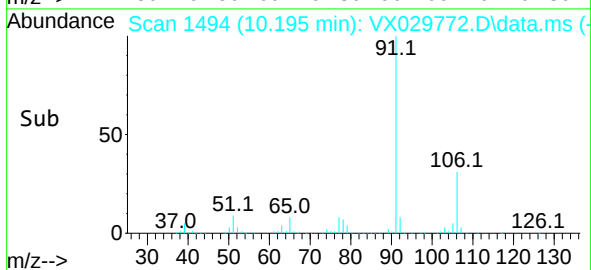
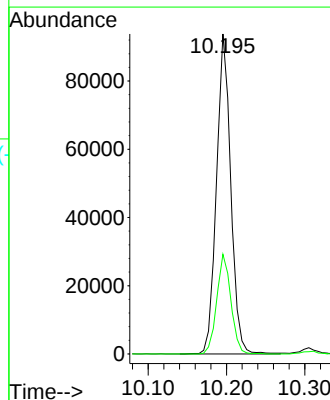
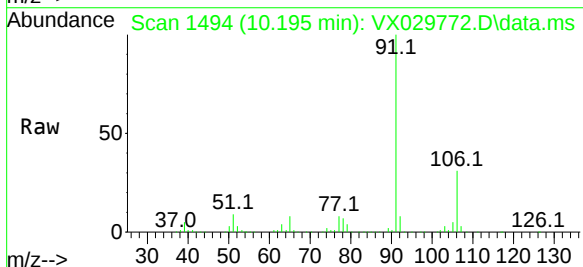
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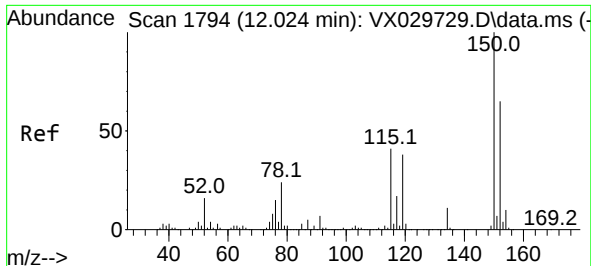
Tgt Ion:117 Resp: 367917
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.0 24.8 37.2



#67
Ethyl Benzene
Concen: 9.150 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029772.D
Acq: 24 Jun 2022 13:59

Tgt Ion: 91 Resp: 118831
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

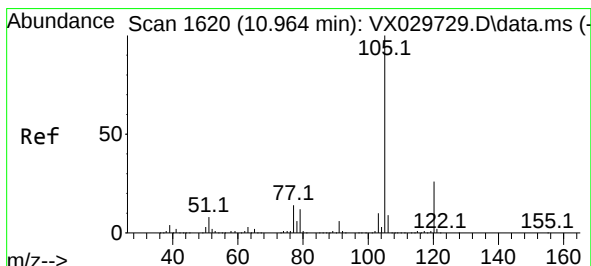
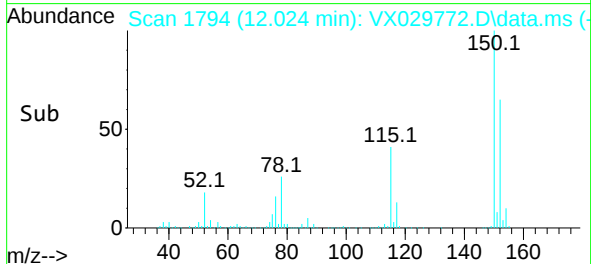
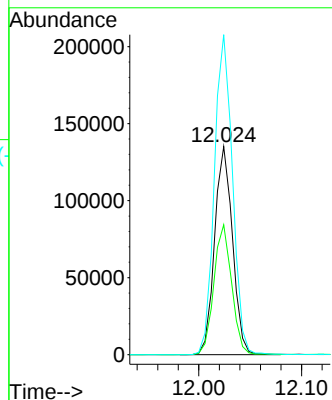
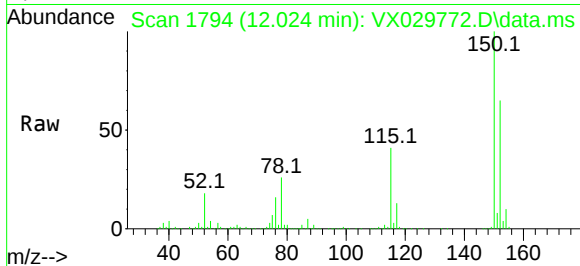




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029772.D
 Acq: 24 Jun 2022 13:59

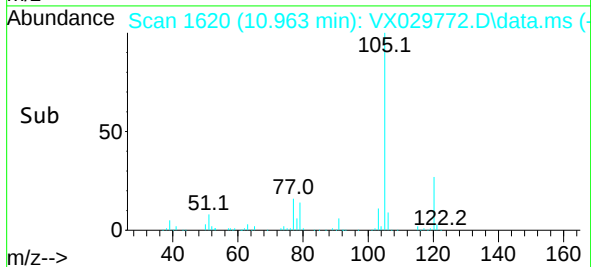
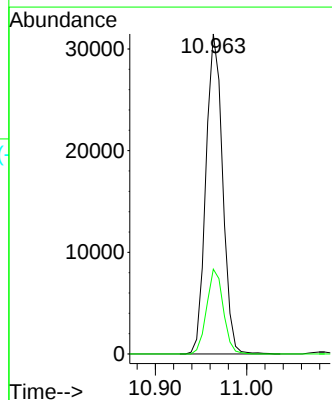
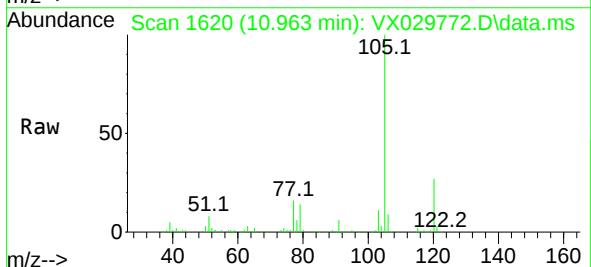
Instrument :
 MSVOA_X
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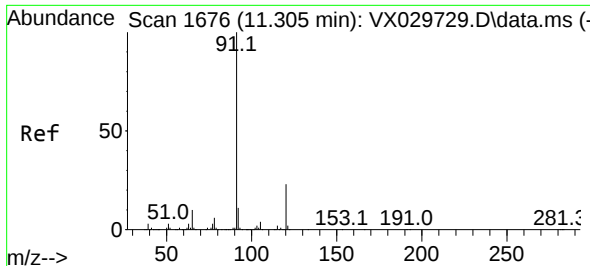
Tgt Ion:152 Resp: 163027
 Ion Ratio Lower Upper
 152 100
 115 62.3 37.5 112.7
 150 155.8 0.0 338.2



#73
 Isopropylbenzene
 Concen: 3.276 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX029772.D
 Acq: 24 Jun 2022 13:59

Tgt Ion:105 Resp: 40049
 Ion Ratio Lower Upper
 105 100
 120 26.2 13.5 40.5

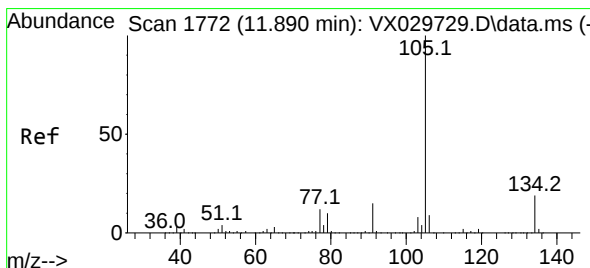
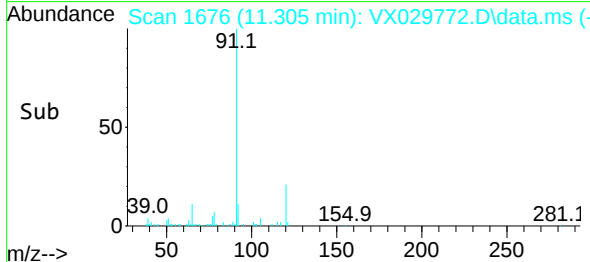
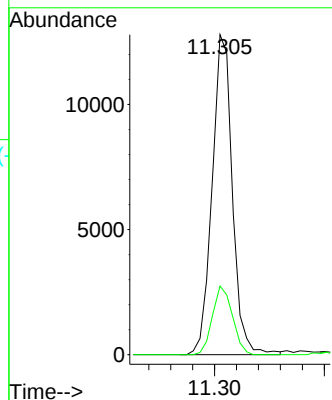
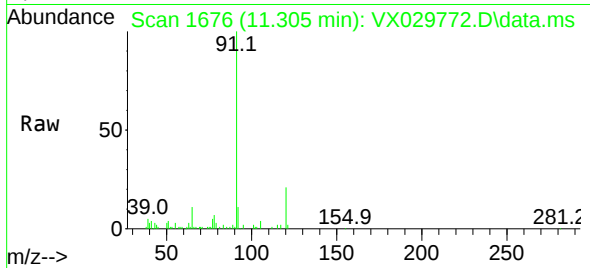




#78
n-propylbenzene
Concen: 1.191 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029772.D
Acq: 24 Jun 2022 13:59

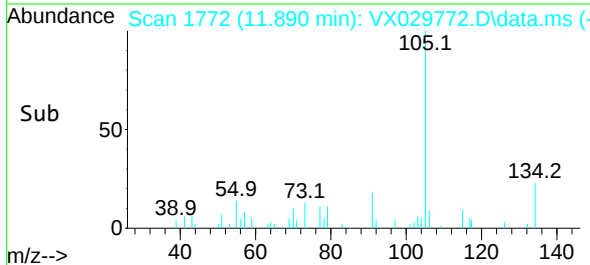
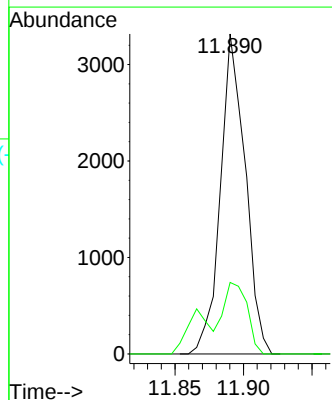
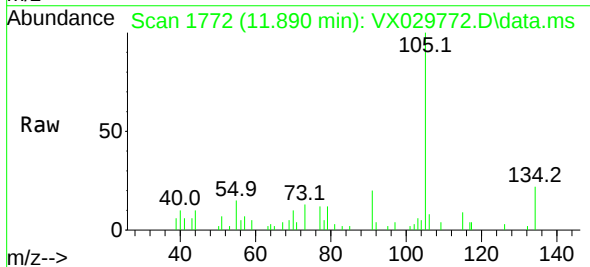
Instrument :
MSVOA_X
ClientSampleId :
MW-25

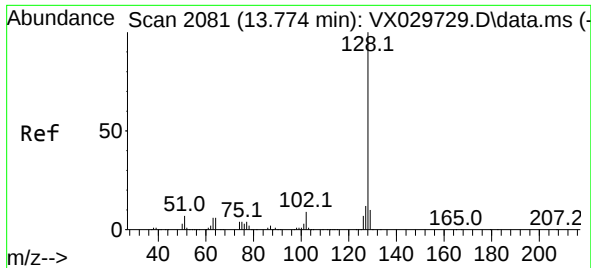
Tgt Ion: 91 Resp: 16395
Ion Ratio Lower Upper
91 100
120 21.1 11.6 34.8



#85
sec-Butylbenzene
Concen: 0.335 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029772.D
Acq: 24 Jun 2022 13:59

Tgt Ion: 105 Resp: 4171
Ion Ratio Lower Upper
105 100
134 21.7 10.2 30.4





#95
Naphthalene
Concen: 0.336 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029772.D
Acq: 24 Jun 2022 13:59

Instrument :
MSVOA_X
ClientSampleId :
MW-25

Tgt Ion:128 Resp: 3838
Ion Ratio Lower Upper
128 100
127 16.7 10.2 15.4#
129 0.0 8.7 13.1#

