

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111722\
 Data File : VX032913.D
 Acq On : 17 Nov 2022 20:17
 Operator : JC/MD
 Sample : N5627-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WAMR-SILICA-1115-A

Quant Time: Nov 18 01:43:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

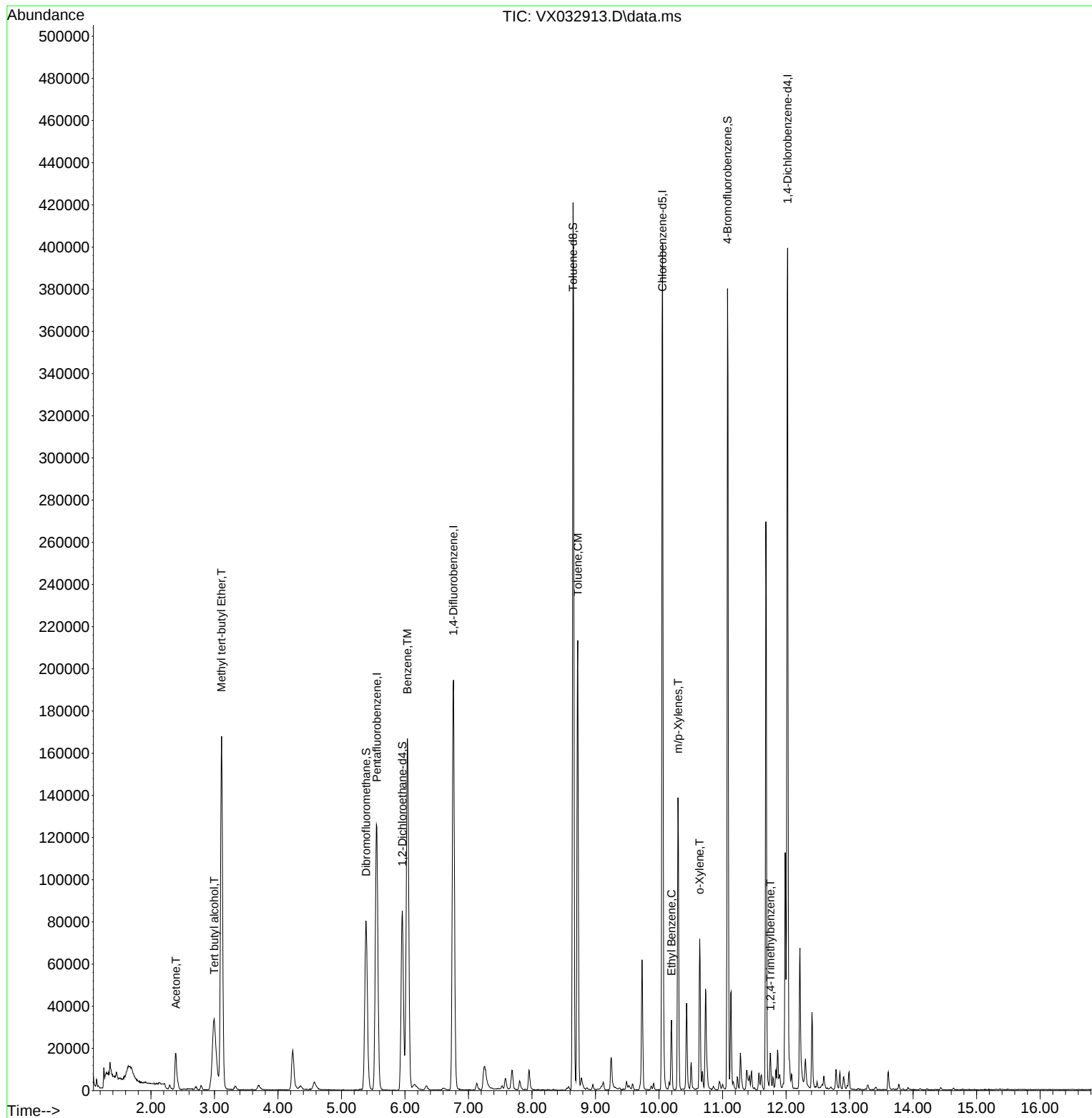
Internal Standards						
1) Pentafluorobenzene	5.556	168	121718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84367	49.885	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.760%
35) Dibromofluoromethane	5.385	113	69638	48.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.140%
50) Toluene-d8	8.647	98	246421	49.423	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.840%
62) 4-Bromofluorobenzene	11.079	95	94846	48.698	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.995	59	76231	309.683	ug/l	99
16) Acetone	2.392	43	22687	36.908	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	188708	43.985	ug/l	100
40) Benzene	6.038	78	203922	36.089	ug/l	100
52) Toluene	8.720	92	79022	21.435	ug/l	99
67) Ethyl Benzene	10.195	91	19052	2.677	ug/l	92
68) m/p-Xylenes	10.299	106	30681	11.101	ug/l	96
69) o-Xylene	10.640	106	15044	5.598	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	7444	1.343	ug/l	99

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

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WAMR-SILICA-1115-A

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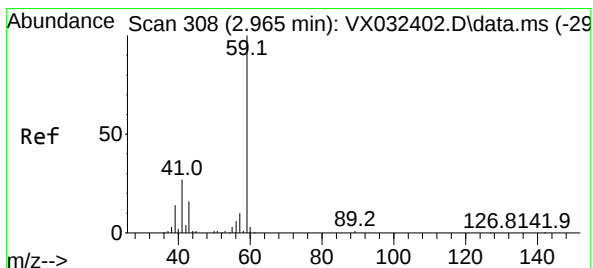
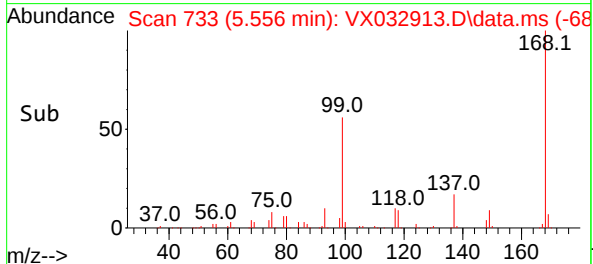
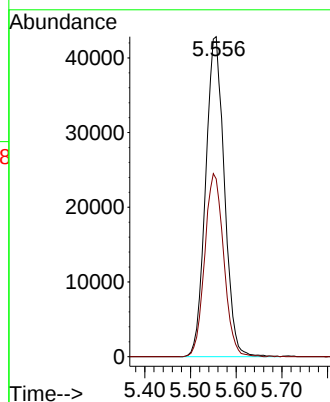
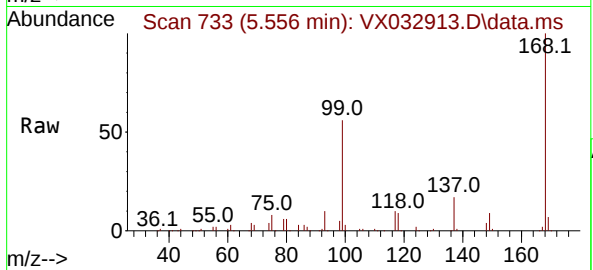




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032913.D
Acq: 17 Nov 2022 20:17

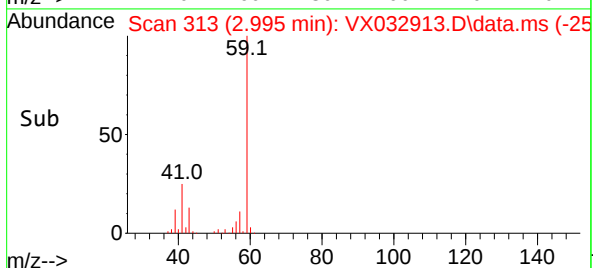
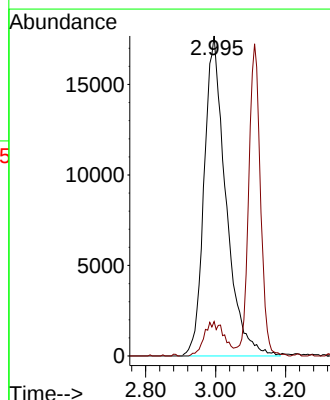
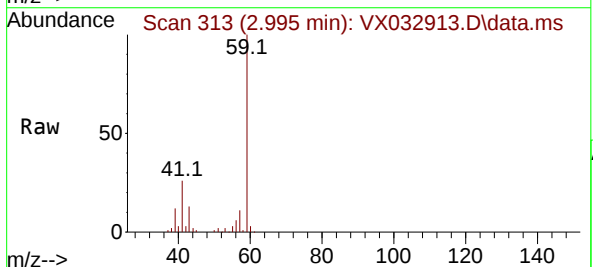
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

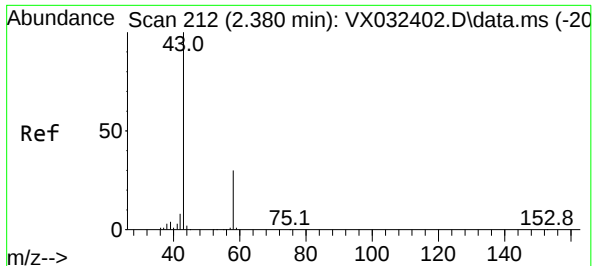
Tgt Ion:168 Resp: 121718
Ion Ratio Lower Upper
168 100
99 55.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 309.683 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.031 min
Lab File: VX032913.D
Acq: 17 Nov 2022 20:17

Tgt Ion: 59 Resp: 76231
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

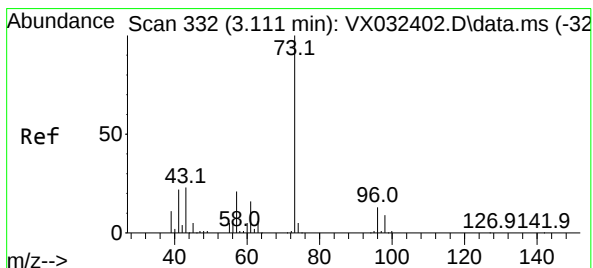
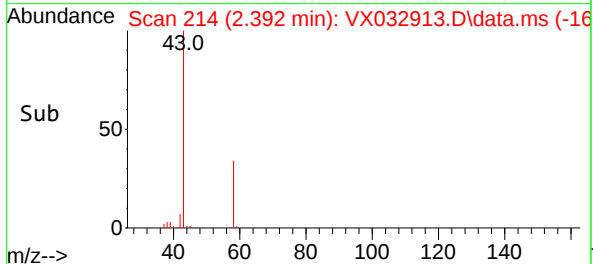
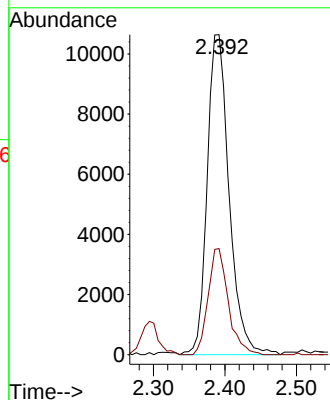
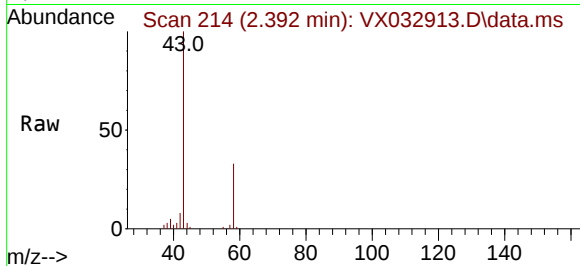




#16
Acetone
Concen: 36.908 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX032913.D
Acq: 17 Nov 2022 20:17

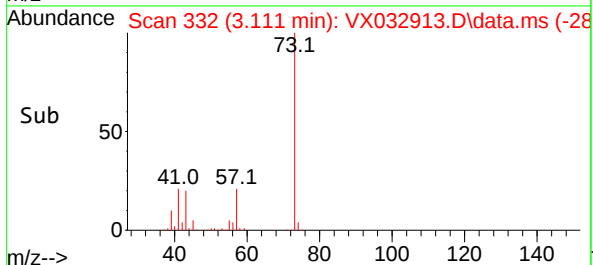
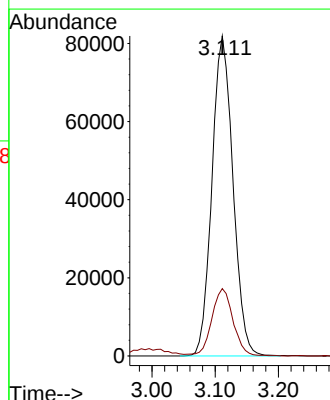
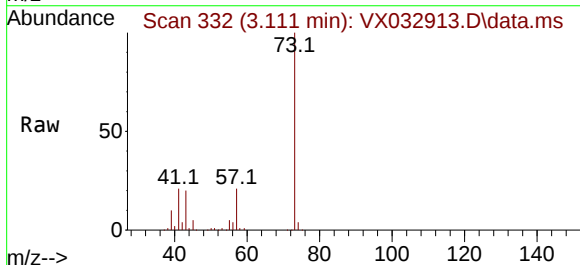
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

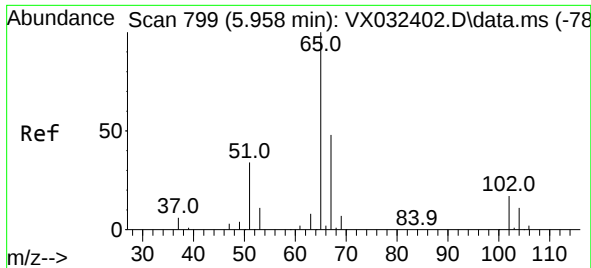
Tgt Ion: 43 Resp: 22687
Ion Ratio Lower Upper
43 100
58 33.1 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 43.985 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032913.D
Acq: 17 Nov 2022 20:17

Tgt Ion: 73 Resp: 188708
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0





#33

1,2-Dichloroethane-d4

Concen: 49.885 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032913.D

Acq: 17 Nov 2022 20:17

Instrument :

MSVOA_X

ClientSampleId :

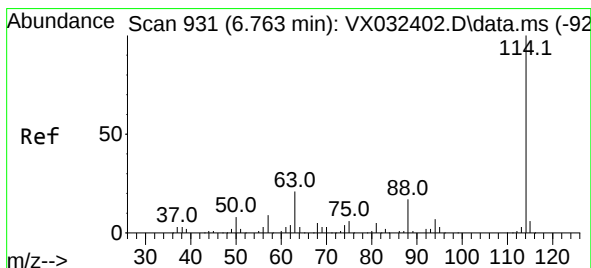
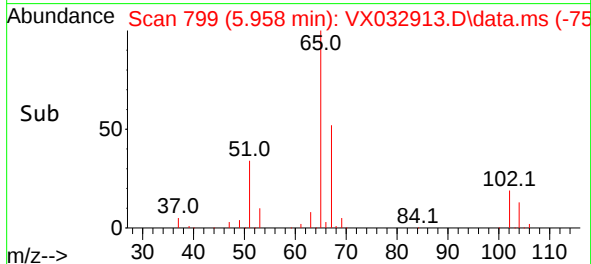
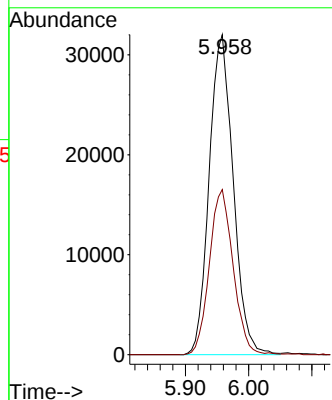
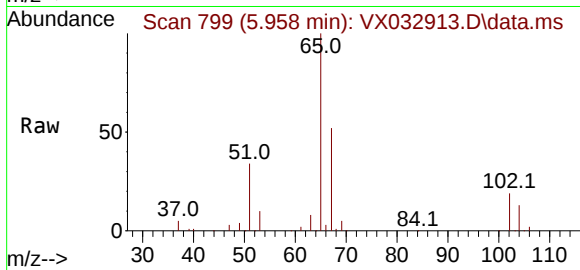
WAMR-SILICA-1115-A

Tgt Ion: 65 Resp: 84367

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032913.D

Acq: 17 Nov 2022 20:17

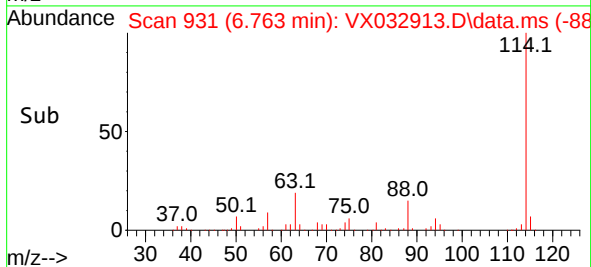
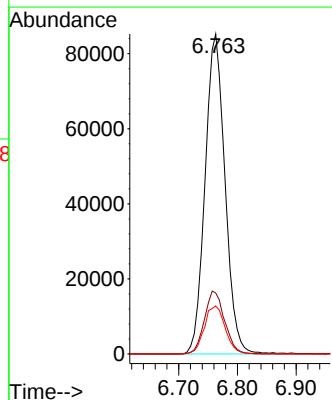
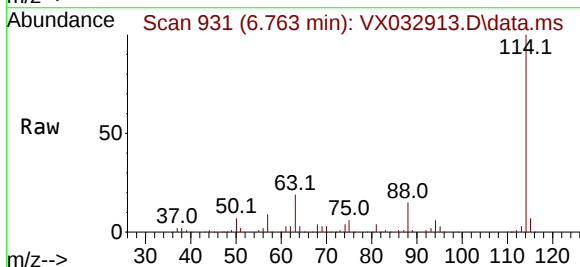
Tgt Ion: 114 Resp: 201018

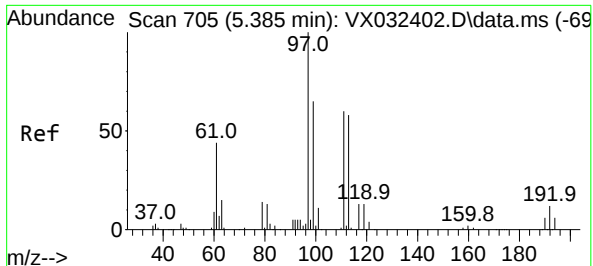
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 15.0 0.0 33.4

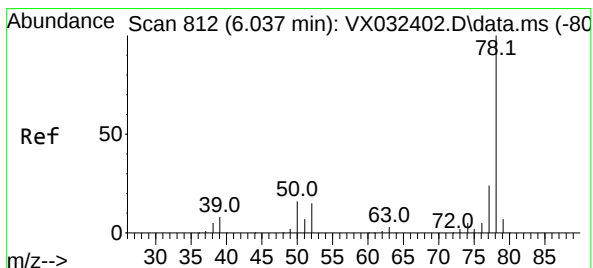
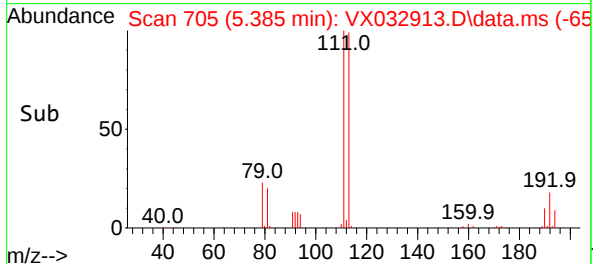
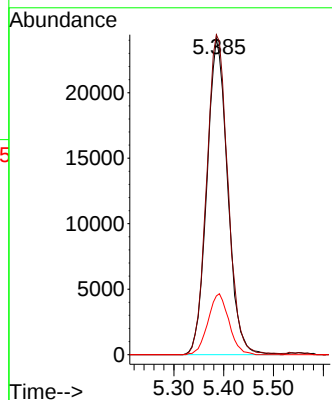
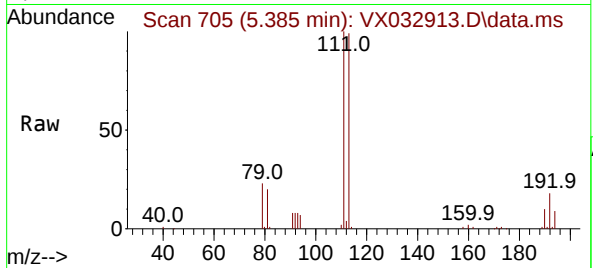




#35
Dibromofluoromethane
Concen: 48.566 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032913.D
Acq: 17 Nov 2022 20:17

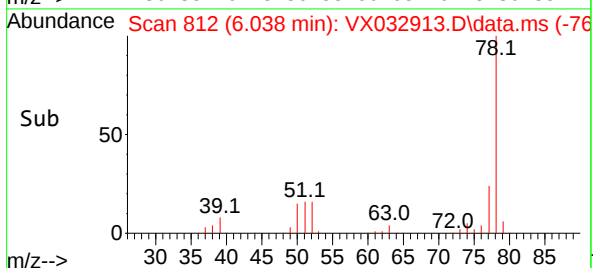
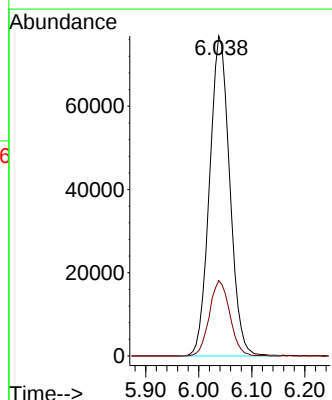
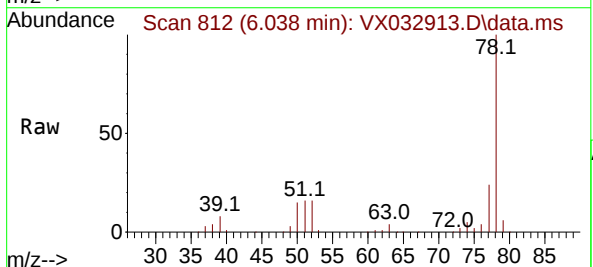
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WAMR-SILICA-1115-A

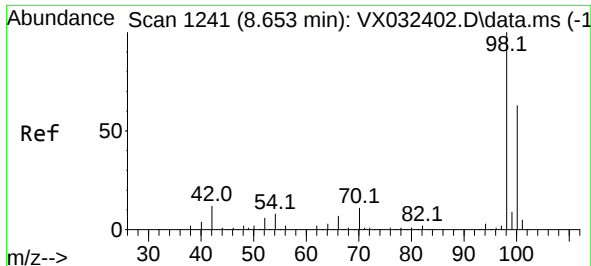
Tgt Ion:113 Resp: 69638
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.5 15.4 23.2



#40
Benzene
Concen: 36.089 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032913.D
Acq: 17 Nov 2022 20:17

Tgt Ion: 78 Resp: 203922
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

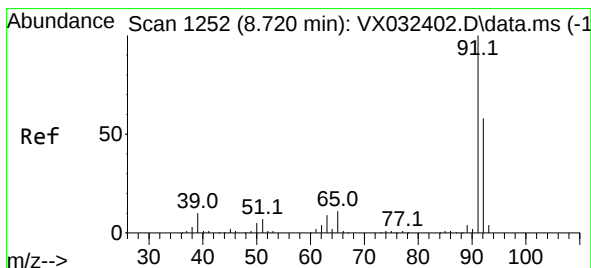
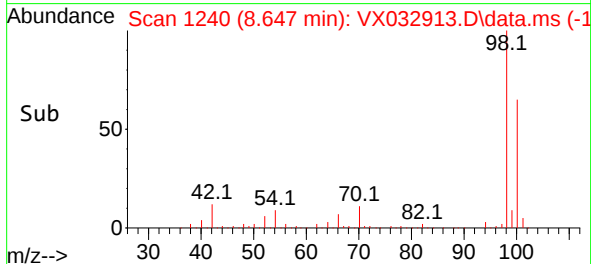
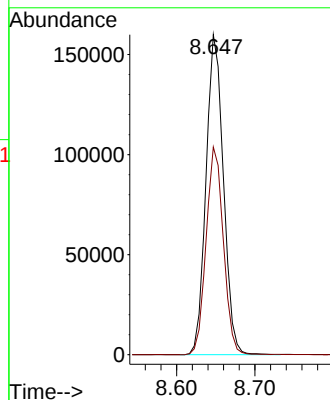
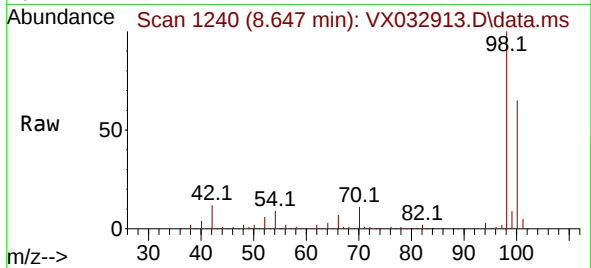




#50
Toluene-d8
Concen: 49.423 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032913.D
Acq: 17 Nov 2022 20:17

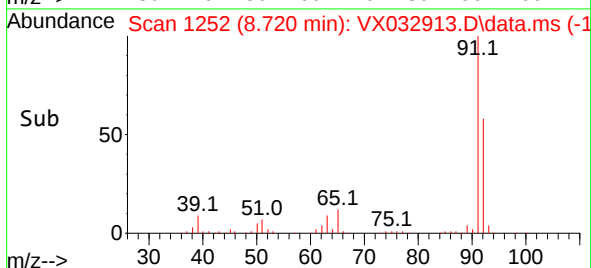
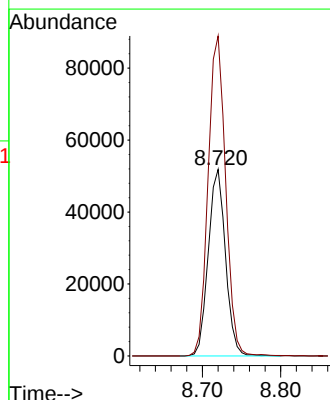
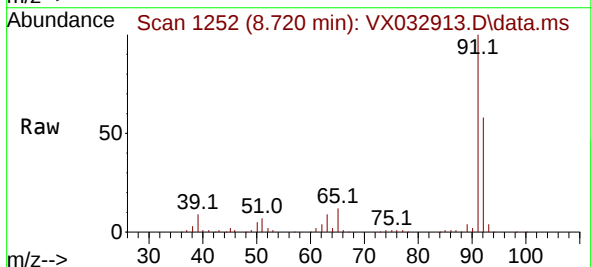
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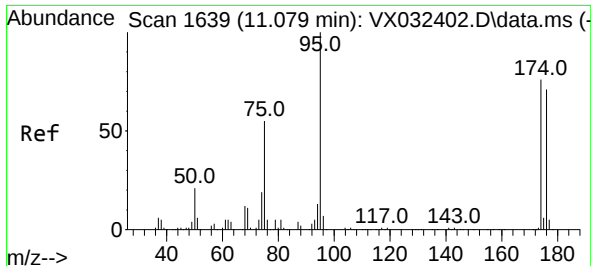
Tgt Ion: 98 Resp: 246421
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#52
Toluene
Concen: 21.435 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032913.D
Acq: 17 Nov 2022 20:17

Tgt Ion: 92 Resp: 79022
Ion Ratio Lower Upper
92 100
91 174.7 138.3 207.5

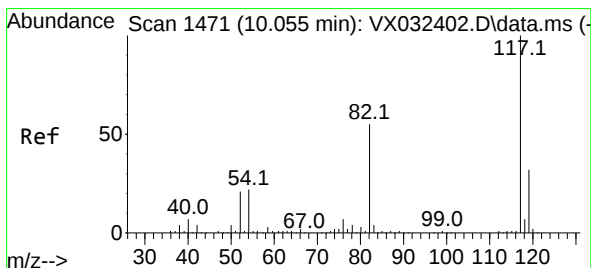
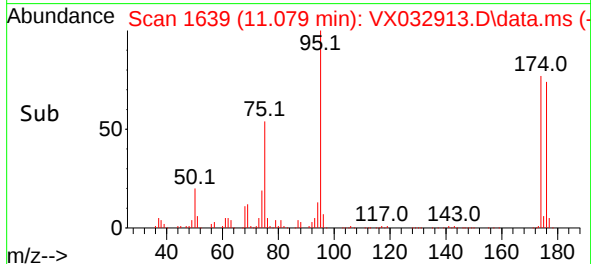
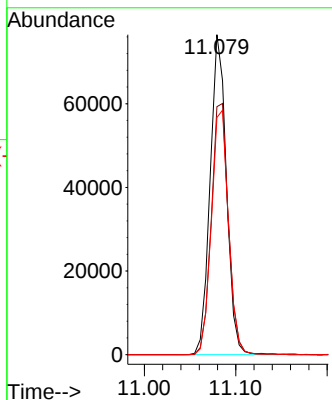
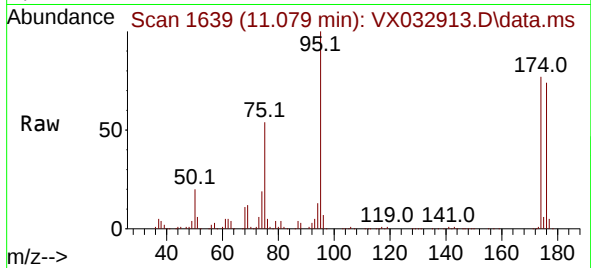




#62
4-Bromofluorobenzene
Concen: 48.698 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032913.D
Acq: 17 Nov 2022 20:17

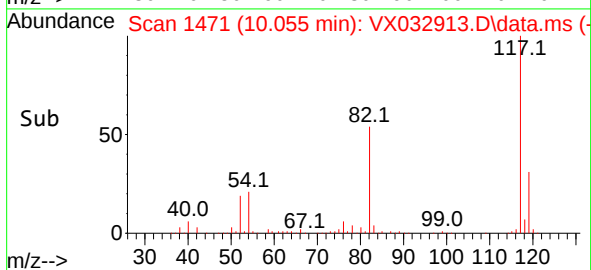
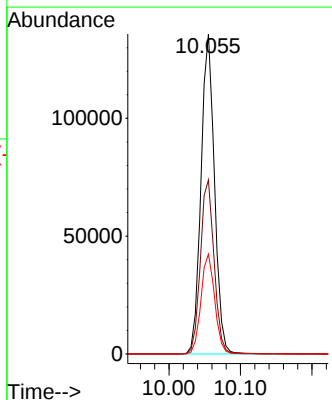
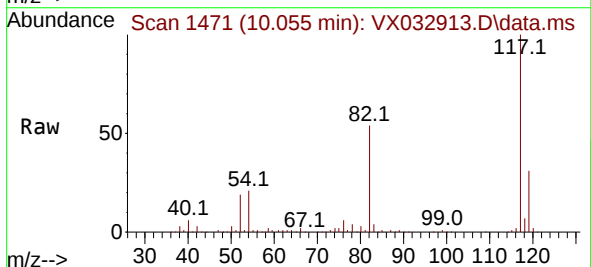
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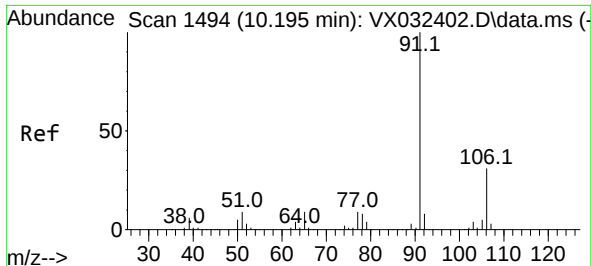
Tgt Ion: 95 Resp: 94846
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.0
176 80.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032913.D
Acq: 17 Nov 2022 20:17

Tgt Ion: 117 Resp: 177691
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 31.2 25.7 38.5





#67

Ethyl Benzene

Concen: 2.677 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032913.D

Acq: 17 Nov 2022 20:17

Instrument :

MSVOA_X

ClientSampleId :

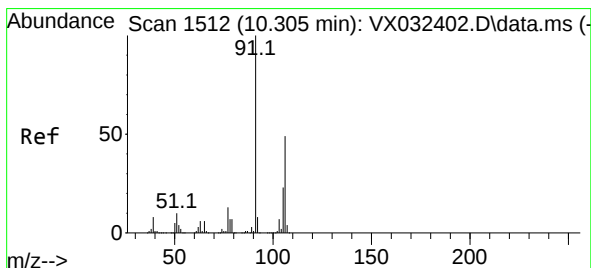
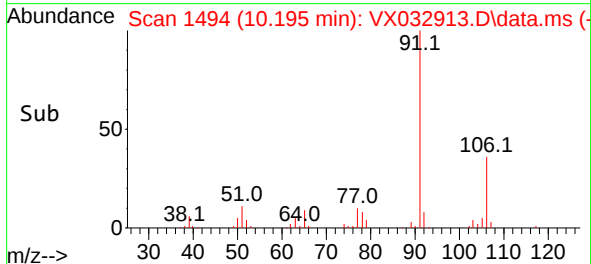
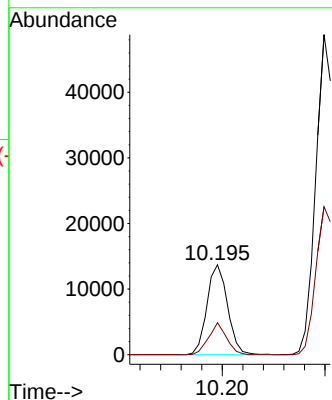
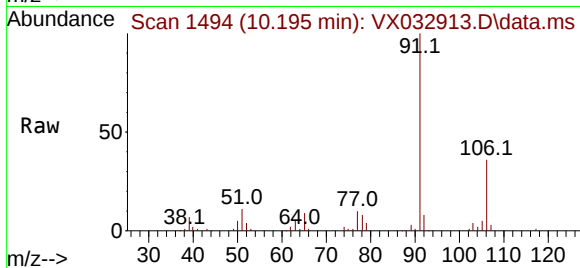
WAMR-SILICA-1115-A

Tgt Ion: 91 Resp: 19052

Ion Ratio Lower Upper

91 100

106 35.6 25.0 37.6



#68

m/p-Xylenes

Concen: 11.101 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX032913.D

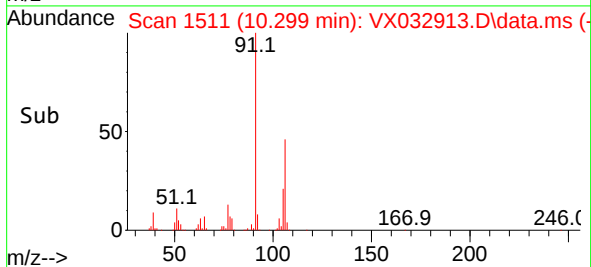
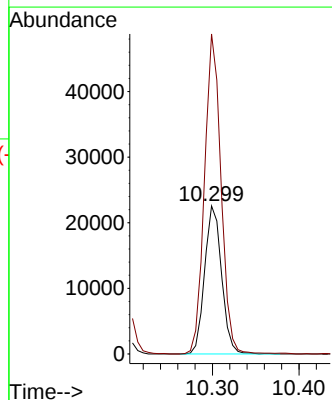
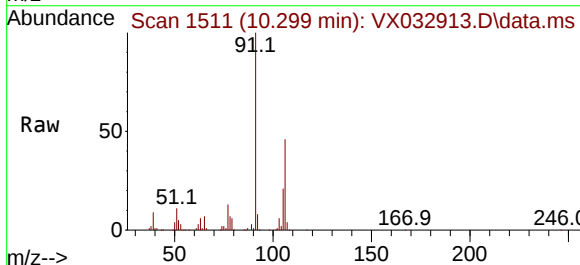
Acq: 17 Nov 2022 20:17

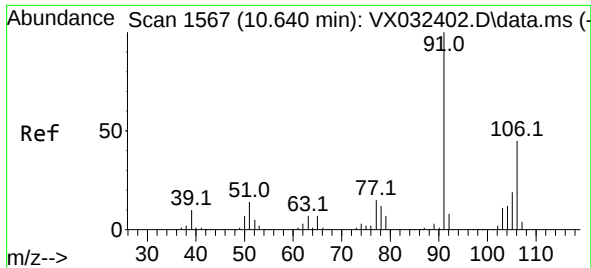
Tgt Ion: 106 Resp: 30681

Ion Ratio Lower Upper

106 100

91 211.1 164.5 246.7

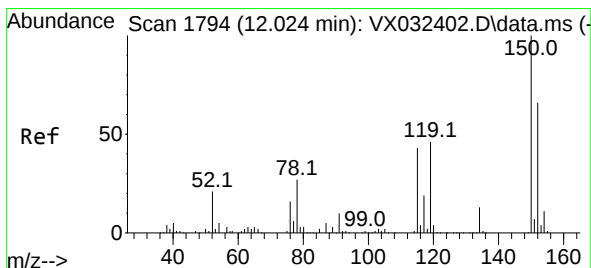
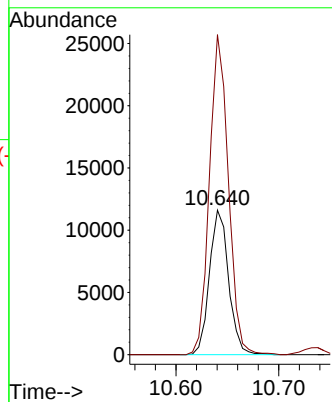
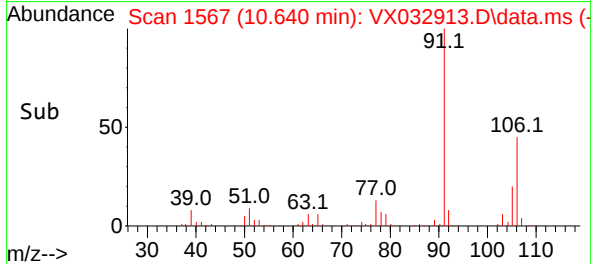
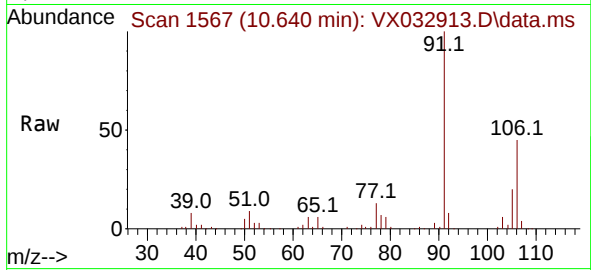




#69
o-Xylene
Concen: 5.598 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032913.D
Acq: 17 Nov 2022 20:17

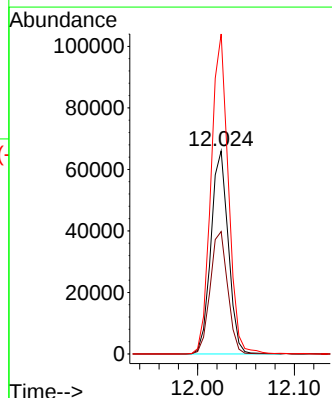
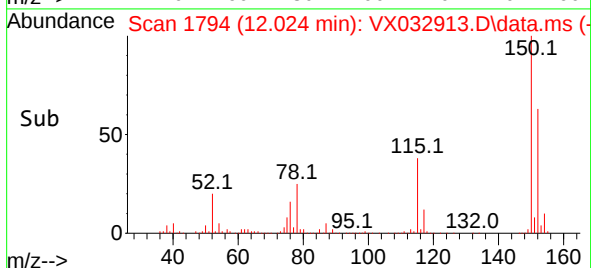
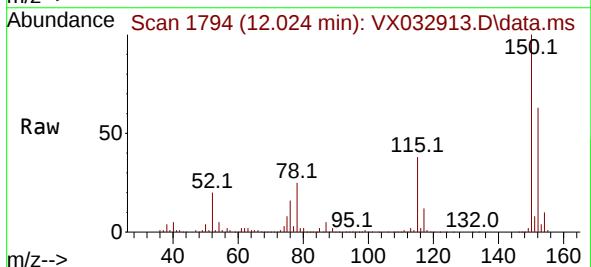
Instrument :
MSVOA_X
ClientSampleId :
WAMR-SILICA-1115-A

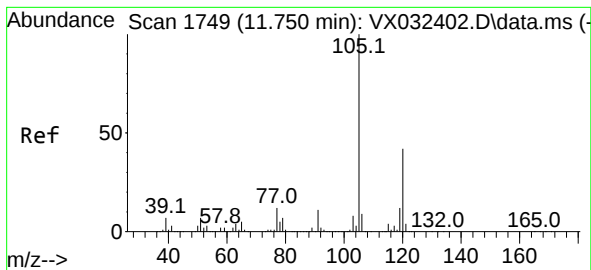
Tgt Ion:106 Resp: 15044
Ion Ratio Lower Upper
106 100
91 218.4 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032913.D
Acq: 17 Nov 2022 20:17

Tgt Ion:152 Resp: 82277
Ion Ratio Lower Upper
152 100
115 60.7 44.0 132.0
150 157.5 0.0 351.8





#84

1,2,4-Trimethylbenzene

Concen: 1.343 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032913.D

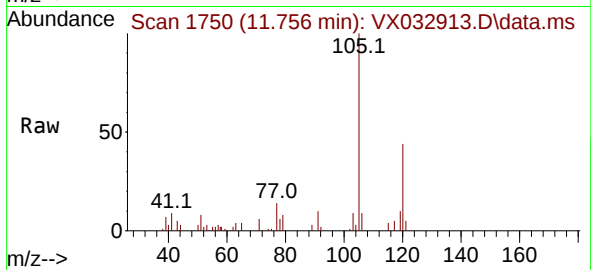
Acq: 17 Nov 2022 20:17

Instrument :

MSVOA_X

ClientSampleId :

WAMR-SILICA-1115-A



Tgt Ion:105 Resp: 7444

Ion Ratio Lower Upper

105 100

120 43.3 21.9 65.5

