

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044044.D
 Acq On : 27 Nov 2024 16:34
 Operator : JC/MD
 Sample : P5021-02 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-08

Quant Time: Nov 28 00:52:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

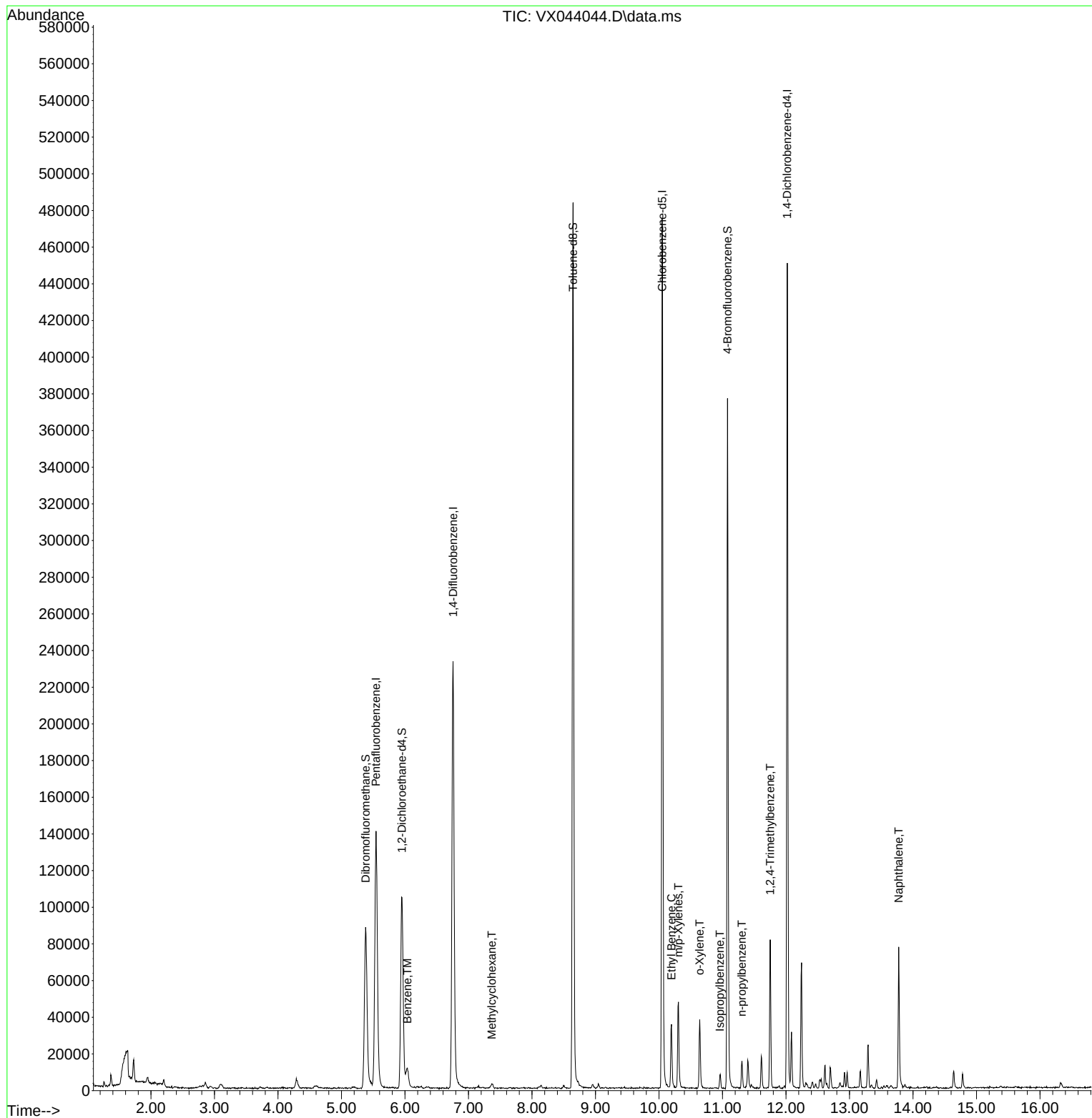
Internal Standards						
1) Pentafluorobenzene	5.544	168	116982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	228425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	105413	52.537	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.080%
35) Dibromofluoromethane	5.379	113	75942	46.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	8.647	98	278171	49.440	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	11.079	95	96919	50.615	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.240%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.367	83	1084	0.410	ug/l #	79
40) Benzene	6.038	78	12633	1.994	ug/l	93
67) Ethyl Benzene	10.195	91	21873	2.948	ug/l	94
68) m/p-Xylenes	10.305	106	11557	4.177	ug/l	97
69) o-Xylene	10.640	106	8077	2.990	ug/l	97
73) Isopropylbenzene	10.957	105	4117	0.635	ug/l	91
78) n-propylbenzene	11.305	91	9997	1.380	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	34458	6.486	ug/l	97
95) Naphthalene	13.774	128	47846	7.927	ug/l	99

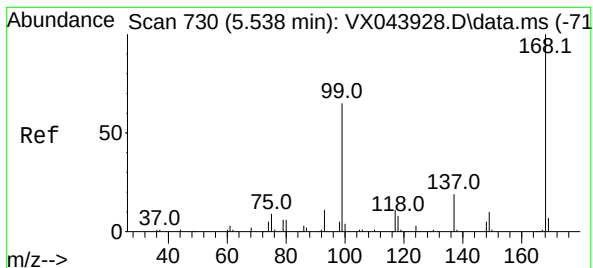
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.006 min

Lab File: VX044044.D

Acq: 27 Nov 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

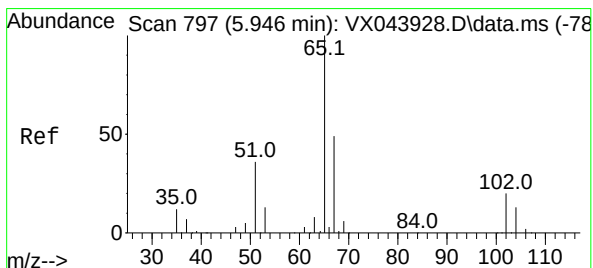
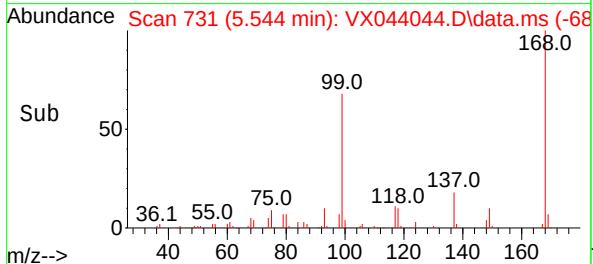
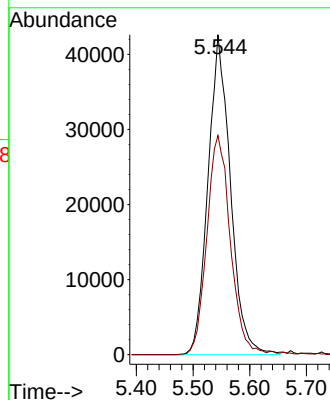
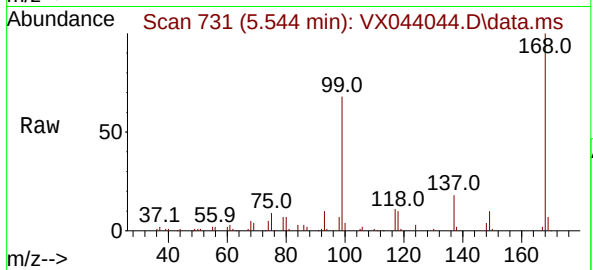
MW-08

Tgt Ion:168 Resp: 116982

Ion Ratio Lower Upper

168 100

99 68.3 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 52.537 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044044.D

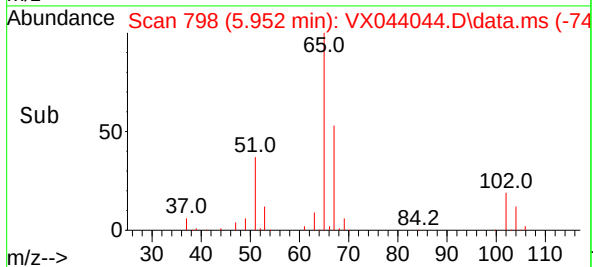
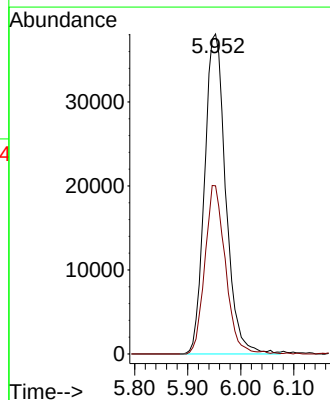
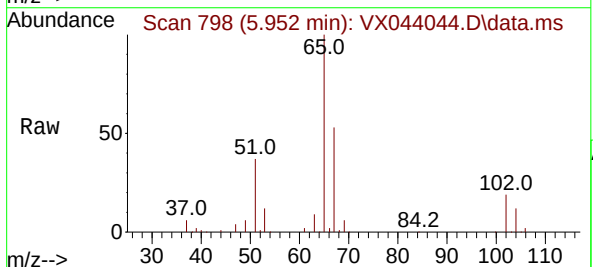
Acq: 27 Nov 2024 16:34

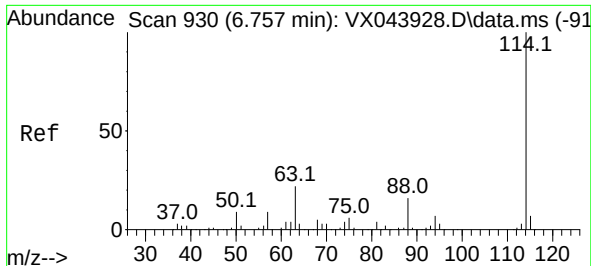
Tgt Ion: 65 Resp: 105413

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.8

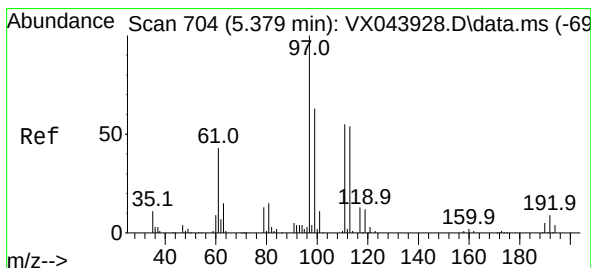
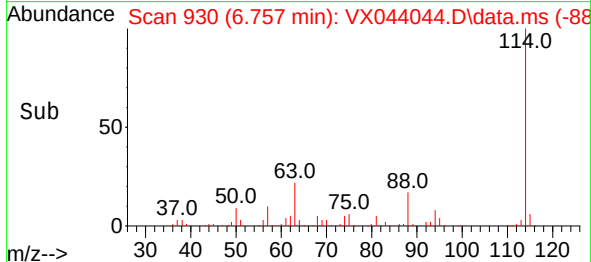
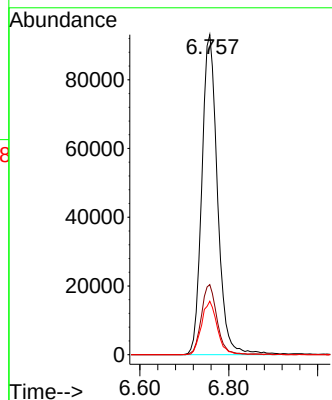
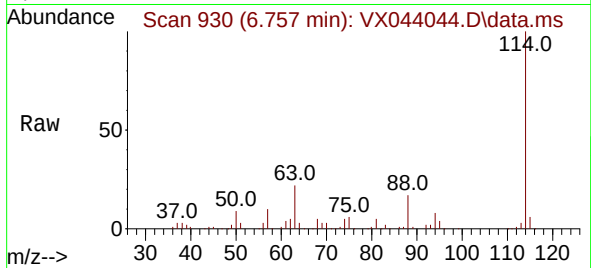




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX044044.D
Acq: 27 Nov 2024 16:34

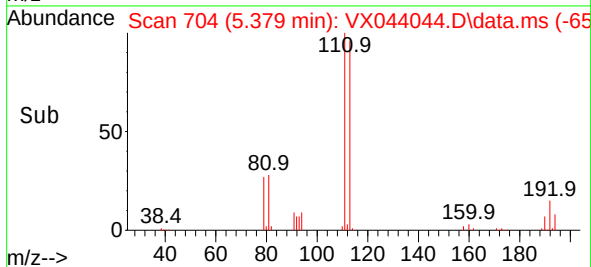
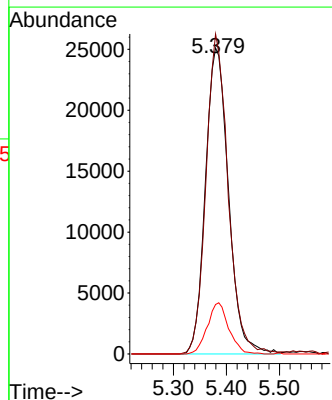
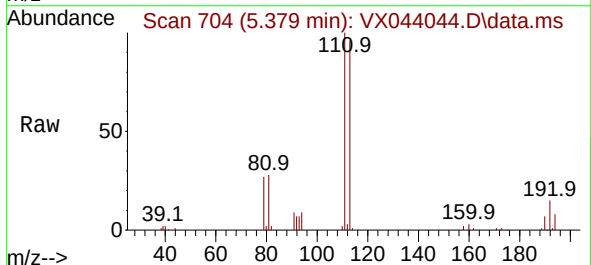
Instrument :
MSVOA_X
ClientSampleId :
MW-08

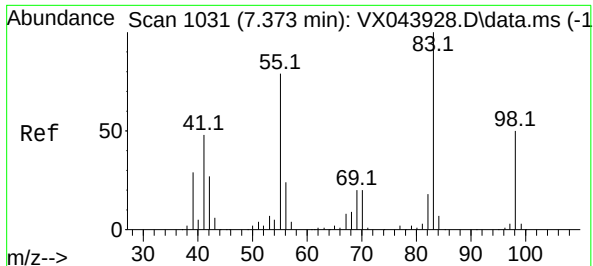
Tgt Ion:114 Resp: 228425
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 16.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.527 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044044.D
Acq: 27 Nov 2024 16:34

Tgt Ion:113 Resp: 75942
Ion Ratio Lower Upper
113 100
111 100.3 81.0 121.4
192 15.5 13.0 19.6





#39

Methylcyclohexane

Concen: 0.410 ug/l

RT: 7.367 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX044044.D

Acq: 27 Nov 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MW-08

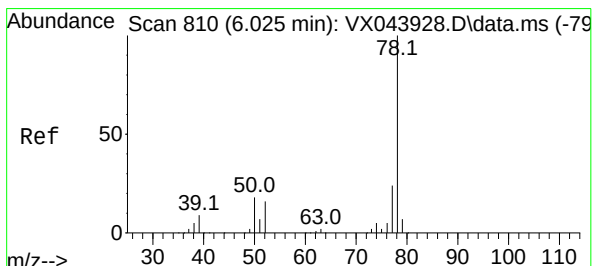
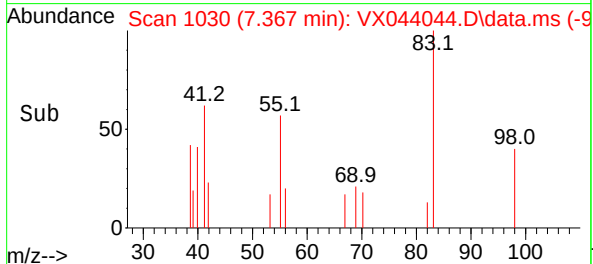
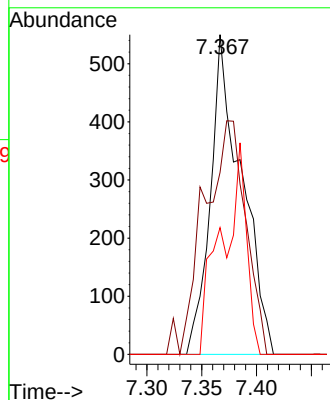
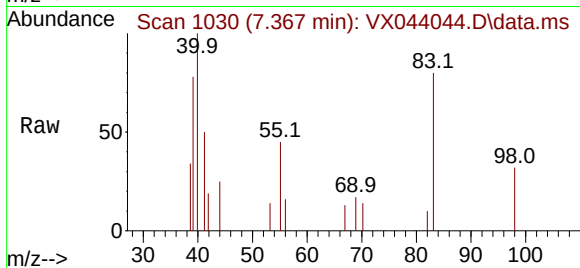
Tgt Ion: 83 Resp: 1084

Ion Ratio Lower Upper

83 100

55 56.9 63.1 94.7#

98 39.6 40.0 60.0#



#40

Benzene

Concen: 1.994 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.012 min

Lab File: VX044044.D

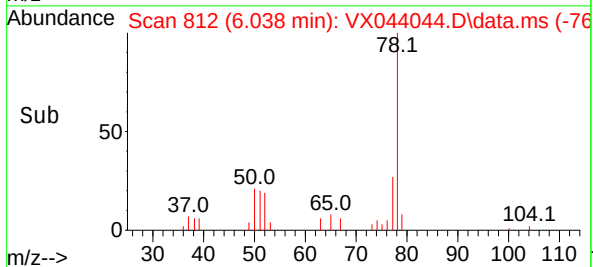
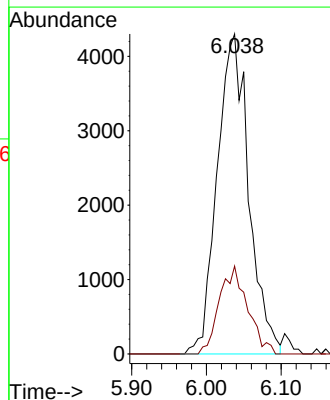
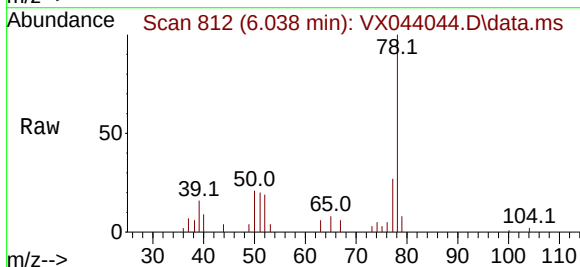
Acq: 27 Nov 2024 16:34

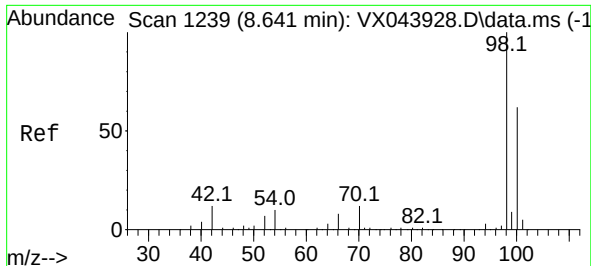
Tgt Ion: 78 Resp: 12633

Ion Ratio Lower Upper

78 100

77 27.4 19.2 28.8





#50

Toluene-d8

Concen: 49.440 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044044.D

Acq: 27 Nov 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

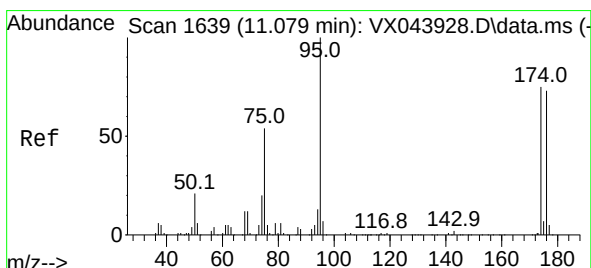
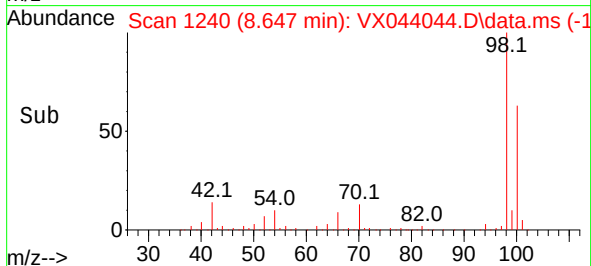
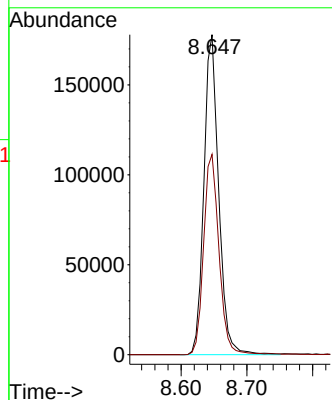
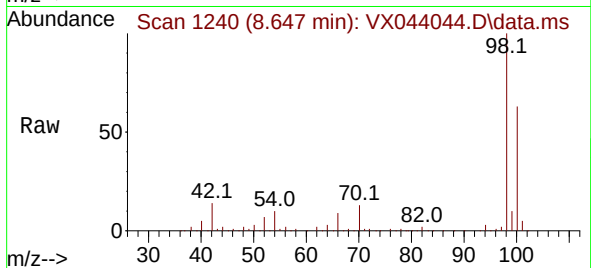
MW-08

Tgt Ion: 98 Resp: 278171

Ion Ratio Lower Upper

98 100

100 65.2 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 50.615 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044044.D

Acq: 27 Nov 2024 16:34

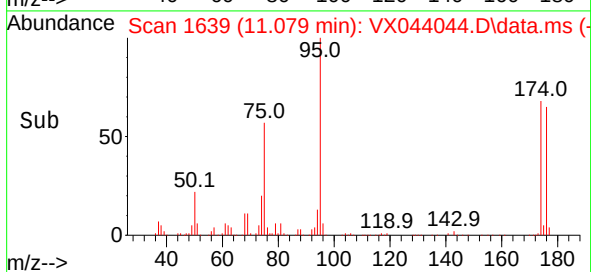
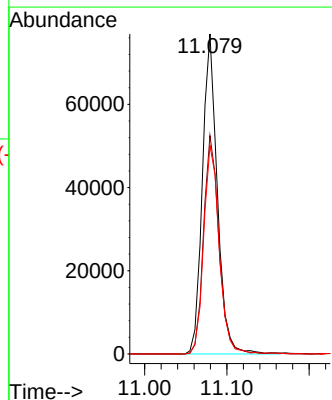
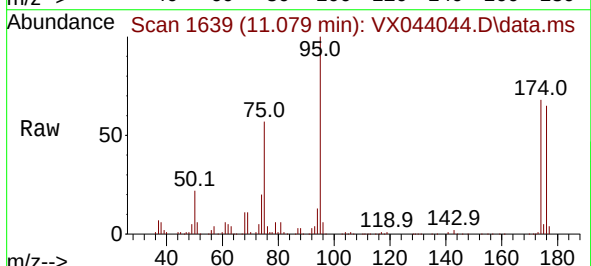
Tgt Ion: 95 Resp: 96919

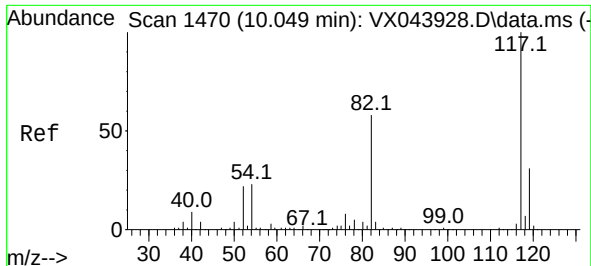
Ion Ratio Lower Upper

95 100

174 70.6 0.0 150.4

176 68.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044044.D

Acq: 27 Nov 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MW-08

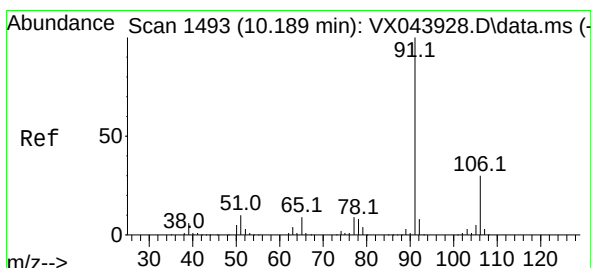
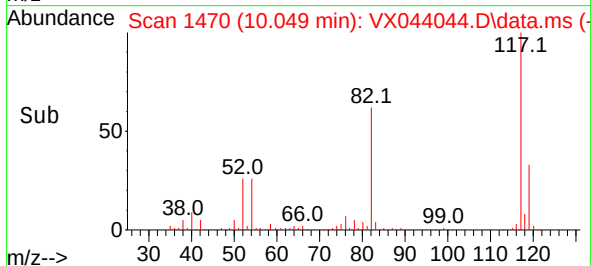
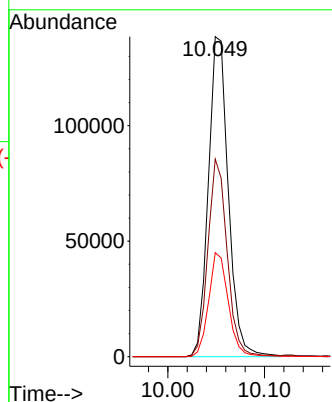
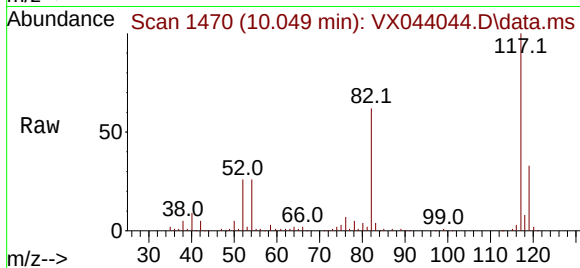
Tgt Ion:117 Resp: 199338

Ion Ratio Lower Upper

117 100

82 61.7 46.4 69.6

119 32.5 24.6 37.0



#67

Ethyl Benzene

Concen: 2.948 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044044.D

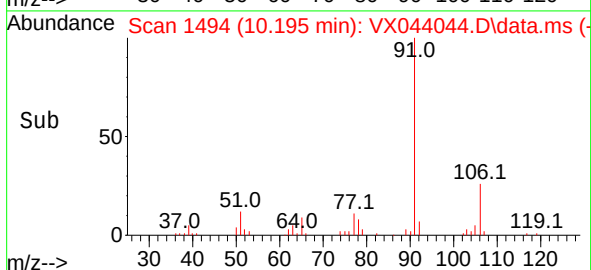
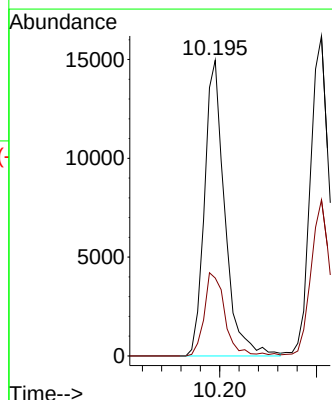
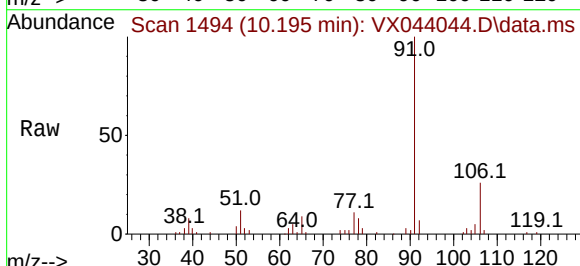
Acq: 27 Nov 2024 16:34

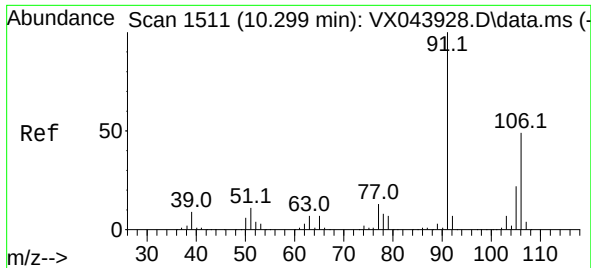
Tgt Ion: 91 Resp: 21873

Ion Ratio Lower Upper

91 100

106 26.4 23.6 35.4

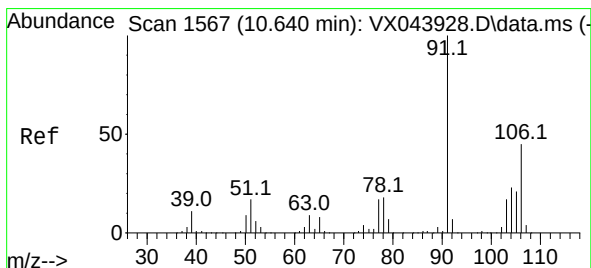
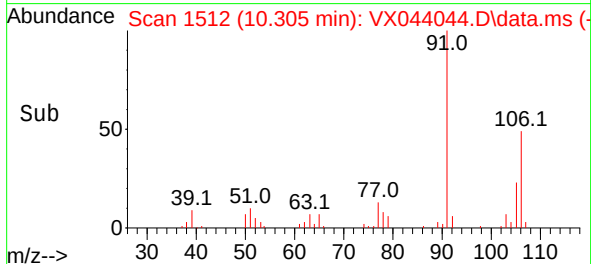
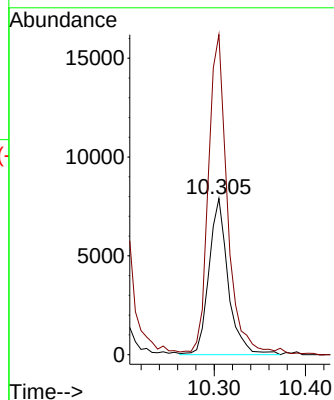
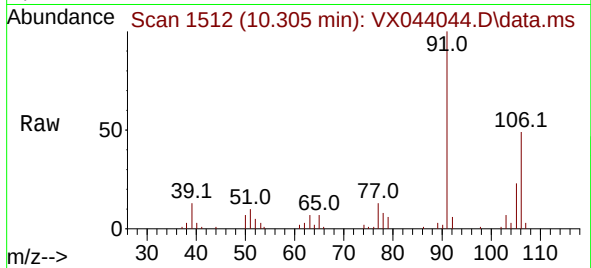




#68
m/p-Xylenes
Concen: 4.177 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX044044.D
Acq: 27 Nov 2024 16:34

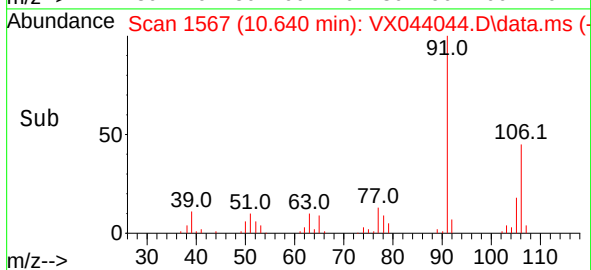
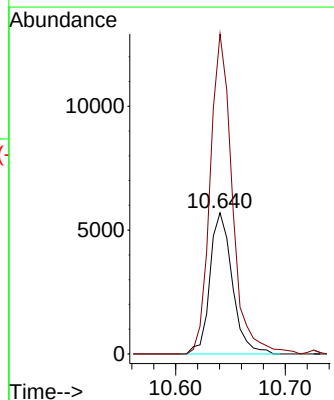
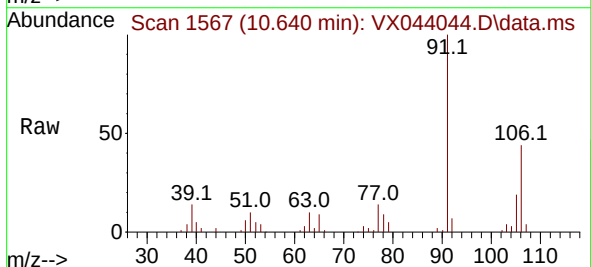
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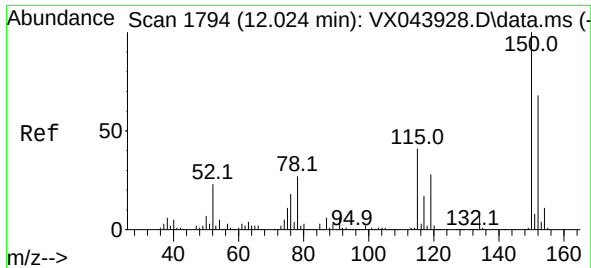
Tgt Ion:106 Resp: 11557
Ion Ratio Lower Upper
106 100
91 205.8 168.1 252.1



#69
o-Xylene
Concen: 2.990 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044044.D
Acq: 27 Nov 2024 16:34

Tgt Ion:106 Resp: 8077
Ion Ratio Lower Upper
106 100
91 224.6 110.2 330.6

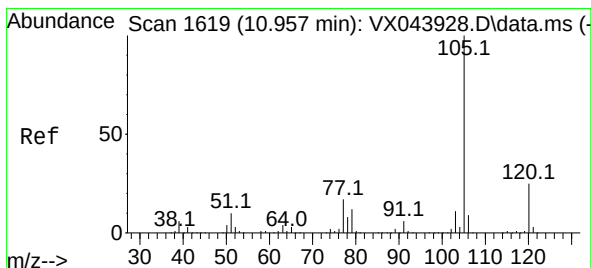
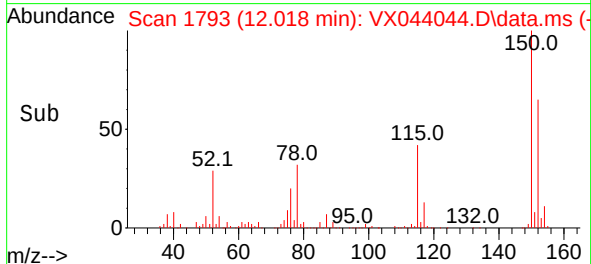
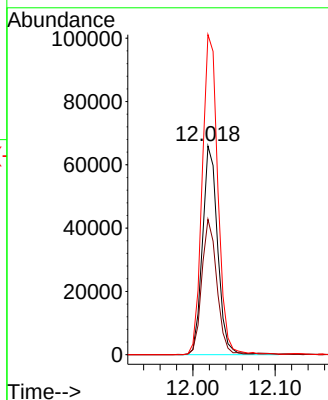
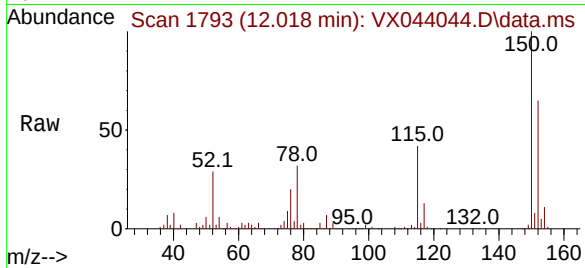




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX044044.D
Acq: 27 Nov 2024 16:34

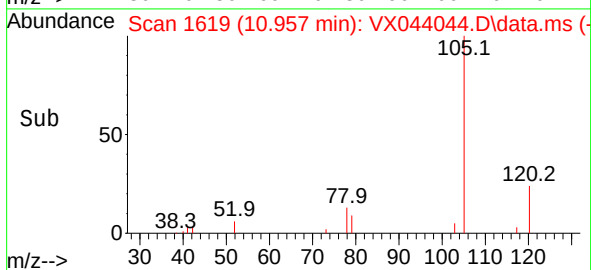
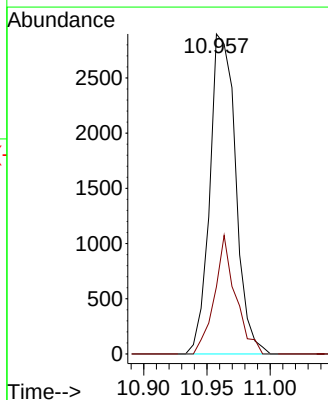
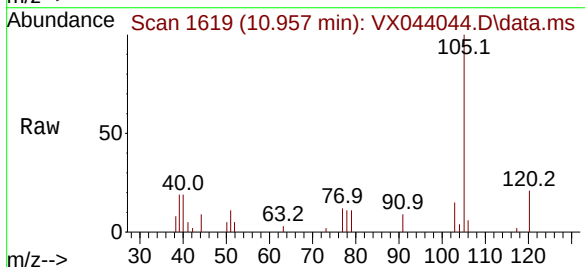
Instrument :
MSVOA_X
ClientSampleId :
MW-08

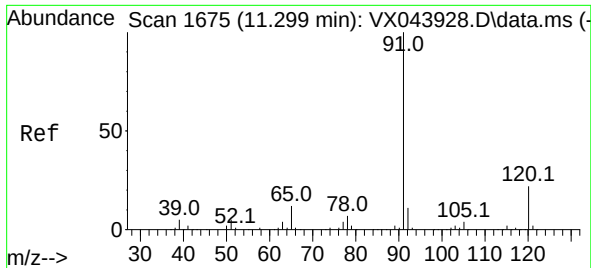
Tgt Ion:152 Resp: 84382
Ion Ratio Lower Upper
152 100
115 64.6 45.4 136.2
150 158.6 0.0 353.0



#73
Isopropylbenzene
Concen: 0.635 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044044.D
Acq: 27 Nov 2024 16:34

Tgt Ion:105 Resp: 4117
Ion Ratio Lower Upper
105 100
120 30.2 13.0 38.9

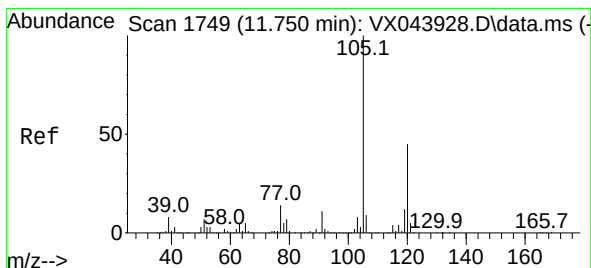
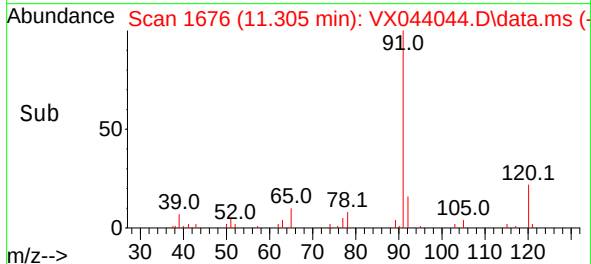
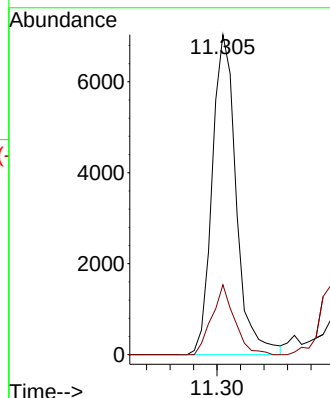
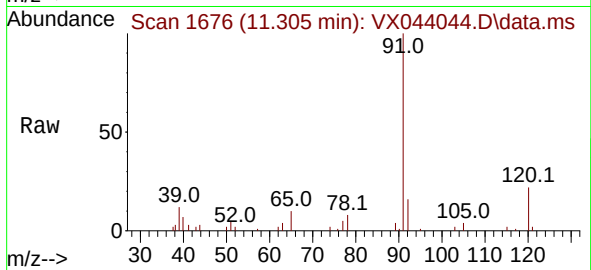




#78
n-propylbenzene
Concen: 1.380 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044044.D
Acq: 27 Nov 2024 16:34

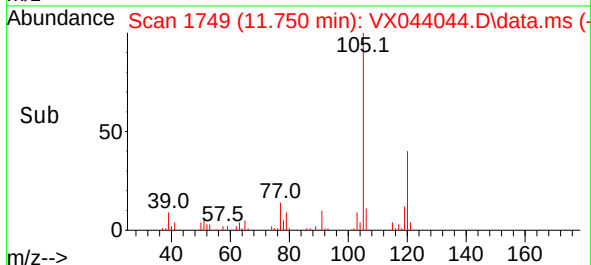
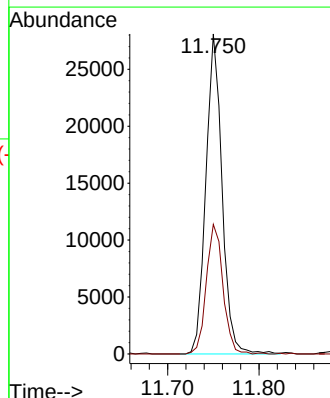
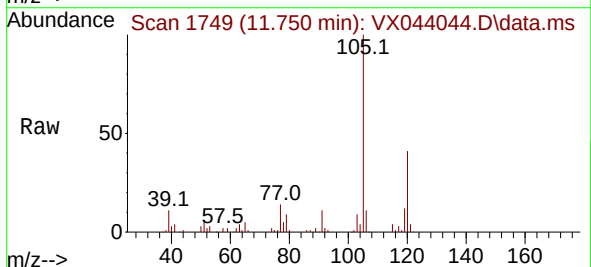
Instrument :
MSVOA_X
ClientSampleId :
MW-08

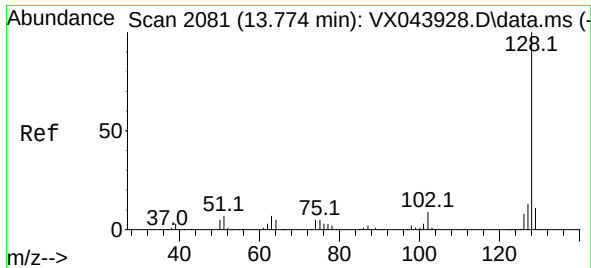
Tgt Ion: 91 Resp: 9997
Ion Ratio Lower Upper
91 100
120 20.6 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 6.486 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044044.D
Acq: 27 Nov 2024 16:34

Tgt Ion: 105 Resp: 34458
Ion Ratio Lower Upper
105 100
120 41.7 21.9 65.7





#95

Naphthalene

Concen: 7.927 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044044.D

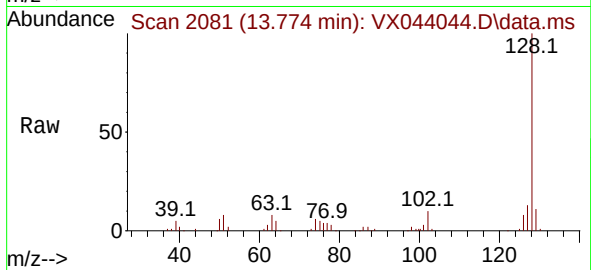
Acq: 27 Nov 2024 16:34

Instrument :

MSVOA_X

ClientSampleId :

MW-08



Tgt Ion:128 Resp: 47846

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 11.2 8.6 12.8

