

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080923\
 Data File : VX036891.D
 Acq On : 09 Aug 2023 16:44
 Operator : JC/MD
 Sample : 03903-11ME 20X
 Misc : 5.63g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Quant Time: Aug 10 01:19:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

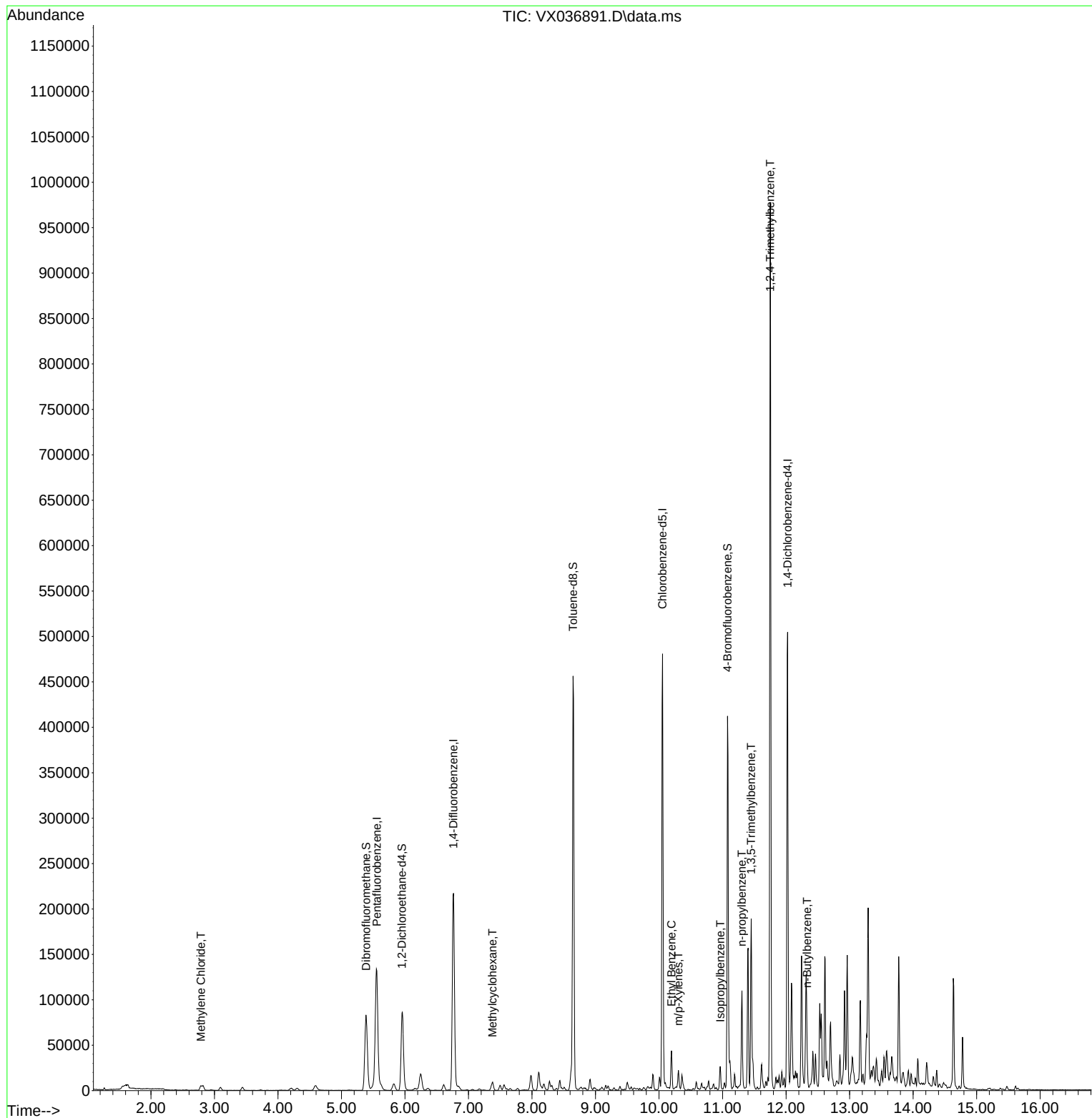
Internal Standards						
1) Pentafluorobenzene	5.556	168	124443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86607	47.035	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.080%		
35) Dibromofluoromethane	5.385	113	72410	46.526	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.060%		
50) Toluene-d8	8.647	98	275792	49.970	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.940%		
62) 4-Bromofluorobenzene	11.079	95	109514	52.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.180%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	2304	1.356	ug/l	90
39) Methylcyclohexane	7.379	83	3713	1.287	ug/l	95
67) Ethyl Benzene	10.195	91	22554	2.617	ug/l	98
68) m/p-Xylenes	10.305	106	4470	1.390	ug/l	100
73) Isopropylbenzene	10.963	105	13326	1.547	ug/l	100
78) n-propylbenzene	11.305	91	64870	6.510	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	79119	10.977	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	407591	56.543	ug/l	96
89) n-Butylbenzene	12.329	91	18744	2.882	ug/l #	29

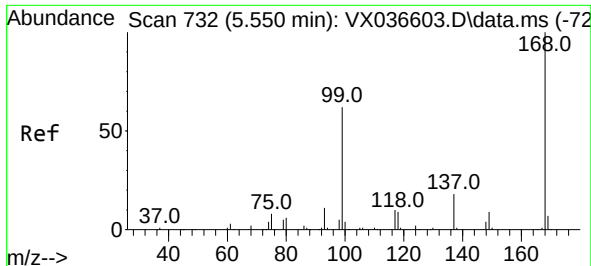
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Aug 10 01:19:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

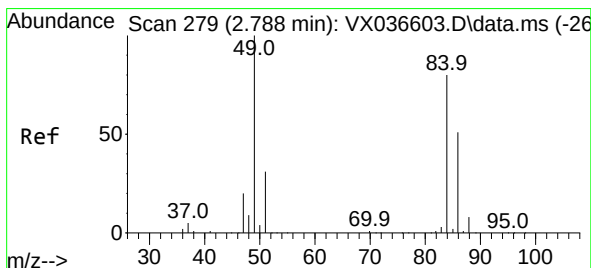
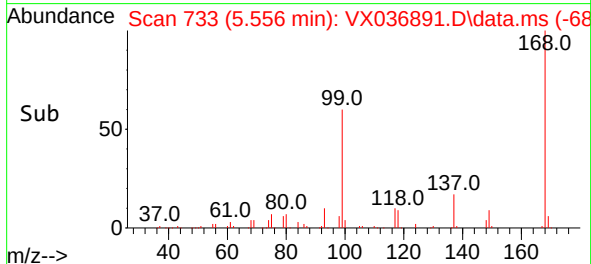
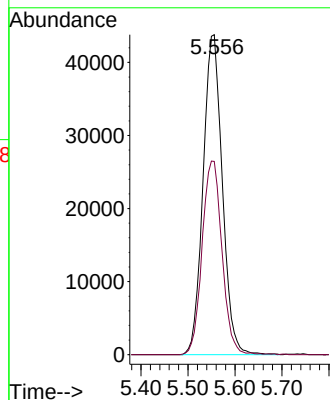
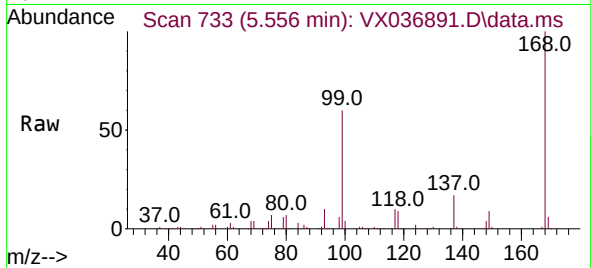




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036891.D
Acq: 09 Aug 2023 16:44

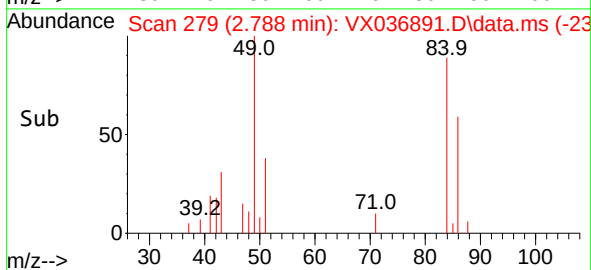
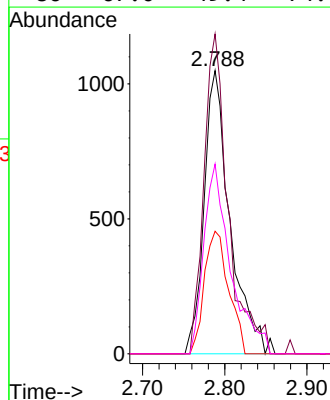
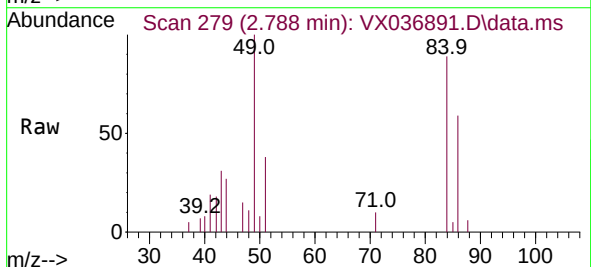
Instrument :
MSVOA_X
ClientSampleId :
MW-11

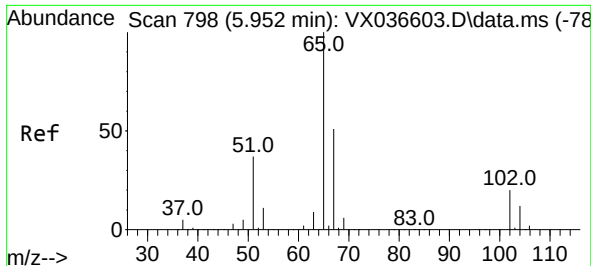
Tgt Ion:168 Resp: 124443
Ion Ratio Lower Upper
168 100
99 60.4 56.6 85.0



#20
Methylene Chloride
Concen: 1.356 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036891.D
Acq: 09 Aug 2023 16:44

Tgt Ion: 84 Resp: 2304
Ion Ratio Lower Upper
84 100
49 113.0 103.6 155.4
51 43.3 33.8 50.6
86 67.0 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 47.035 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036891.D

Acq: 09 Aug 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

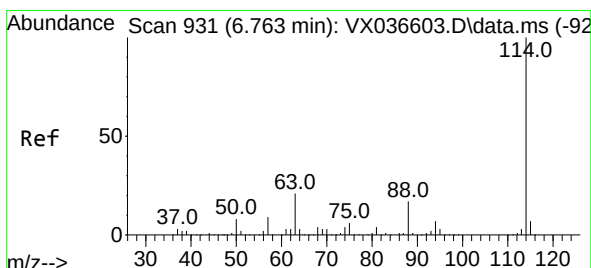
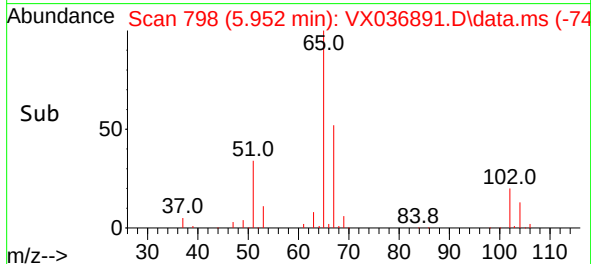
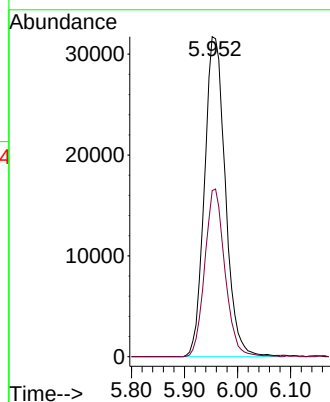
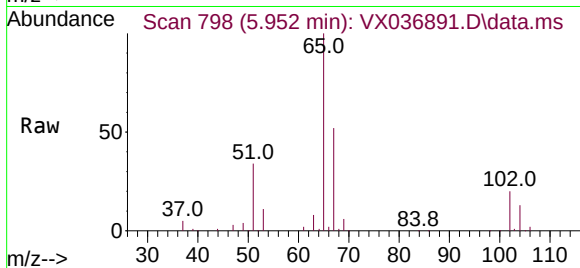
MW-11

Tgt Ion: 65 Resp: 86607

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036891.D

Acq: 09 Aug 2023 16:44

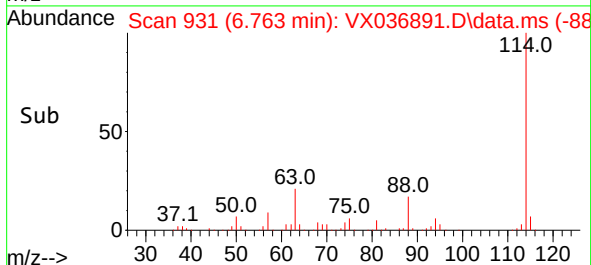
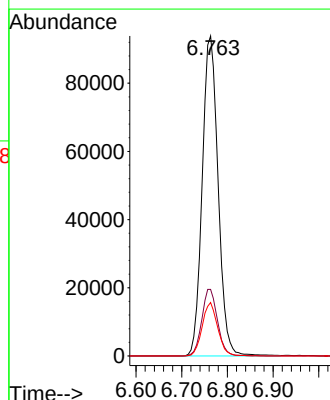
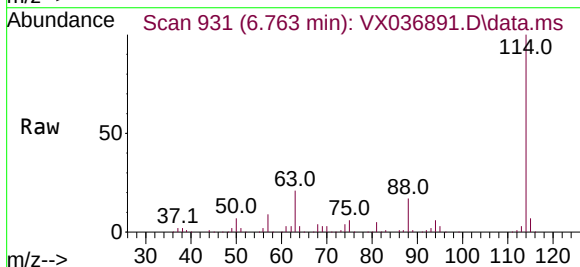
Tgt Ion: 114 Resp: 226429

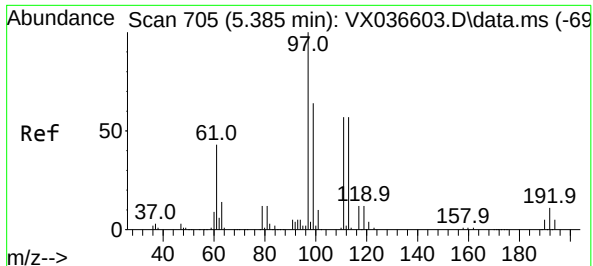
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.526 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036891.D

Acq: 09 Aug 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

MW-11

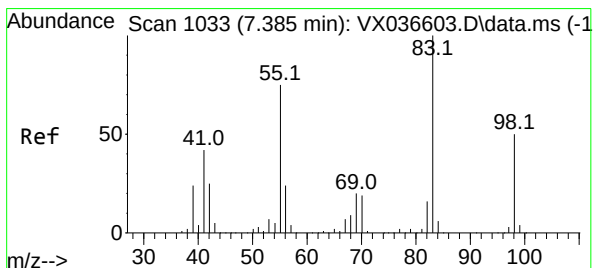
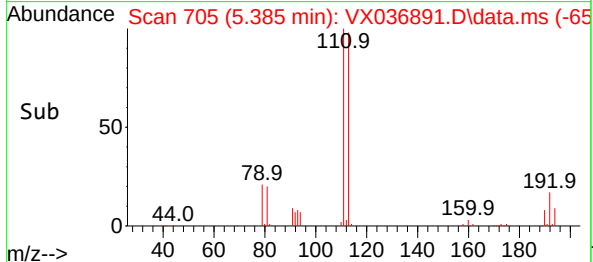
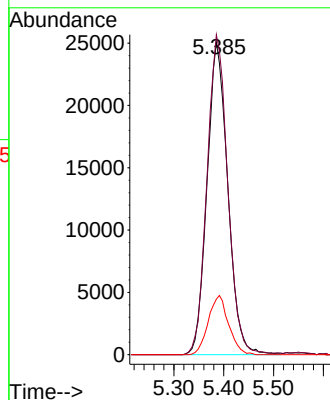
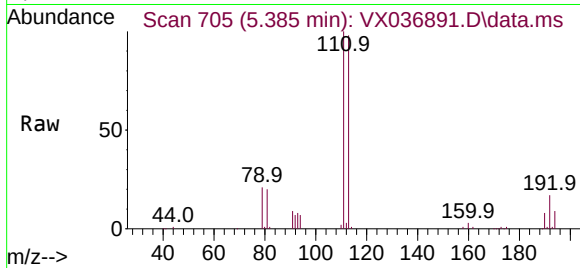
Tgt Ion:113 Resp: 72410

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 18.5 13.3 19.9



#39

Methylcyclohexane

Concen: 1.287 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036891.D

Acq: 09 Aug 2023 16:44

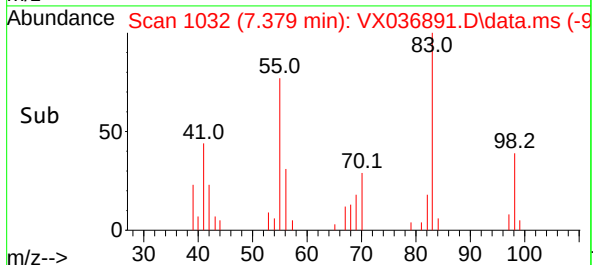
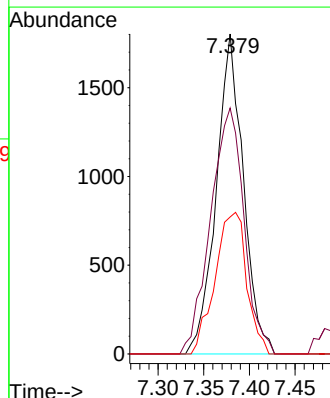
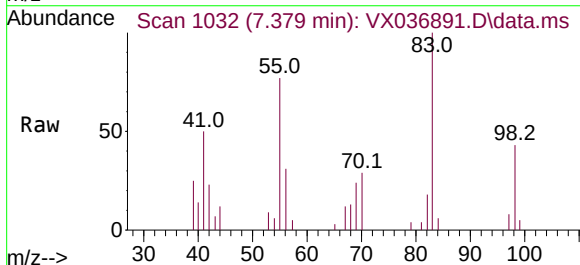
Tgt Ion: 83 Resp: 3713

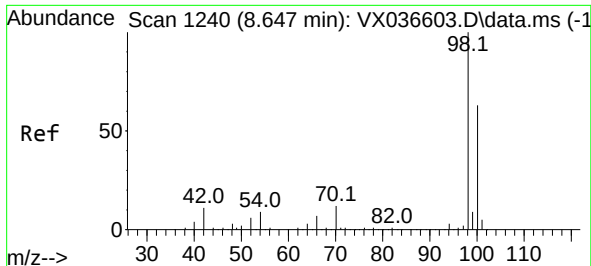
Ion Ratio Lower Upper

83 100

55 76.9 64.6 97.0

98 42.8 36.7 55.1

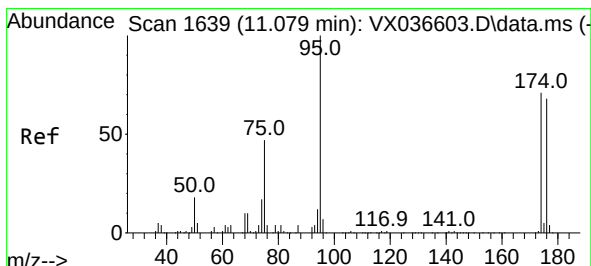
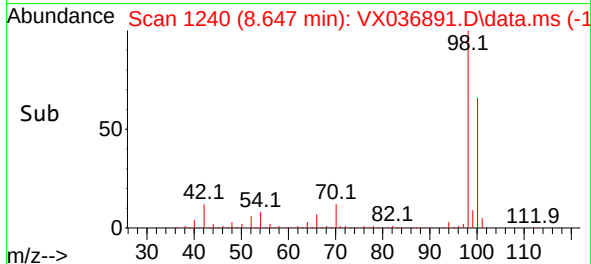
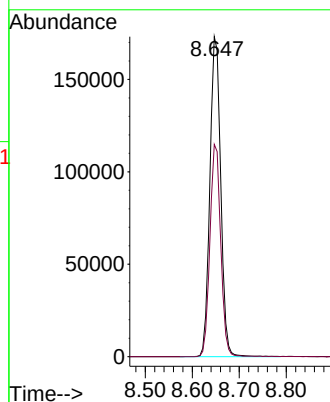
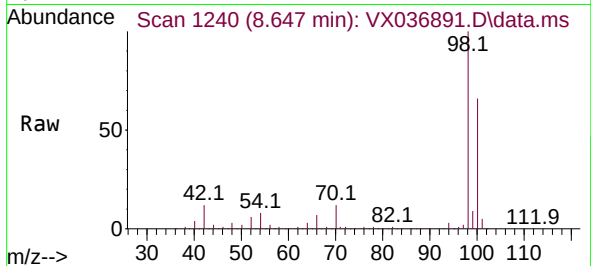




#50
Toluene-d8
Concen: 49.970 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036891.D
Acq: 09 Aug 2023 16:44

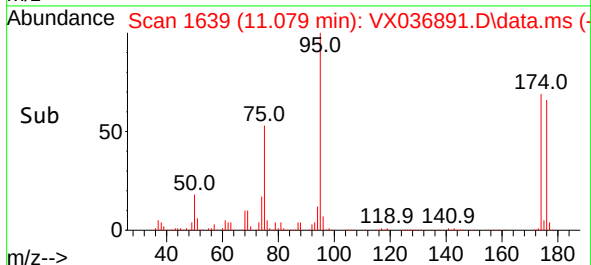
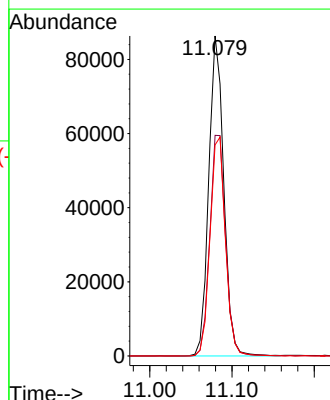
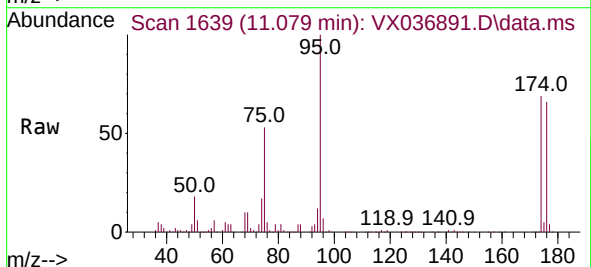
Instrument :
MSVOA_X
ClientSampleId :
MW-11

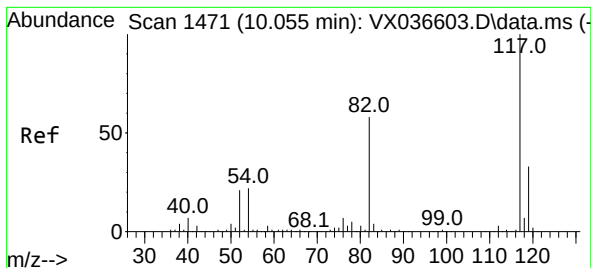
Tgt Ion: 98 Resp: 275792
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.593 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036891.D
Acq: 09 Aug 2023 16:44

Tgt Ion: 95 Resp: 109514
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.3 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036891.D

Acq: 09 Aug 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

MW-11

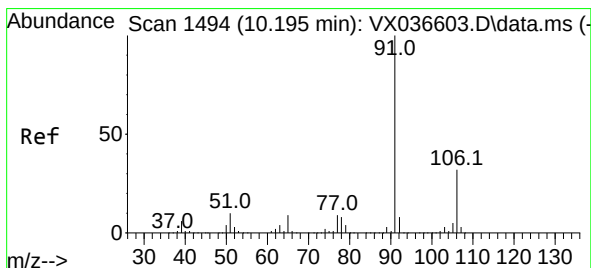
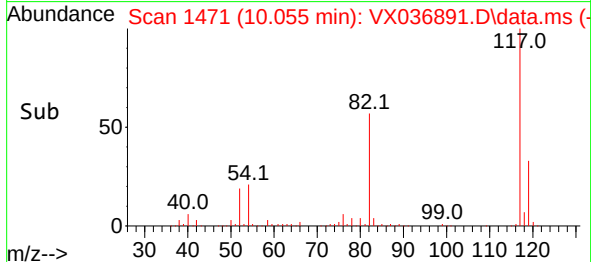
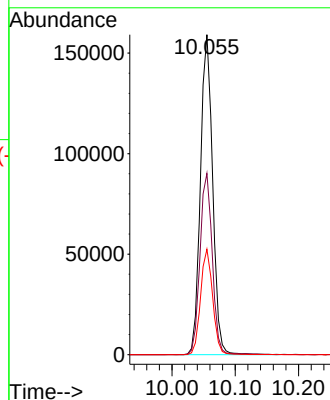
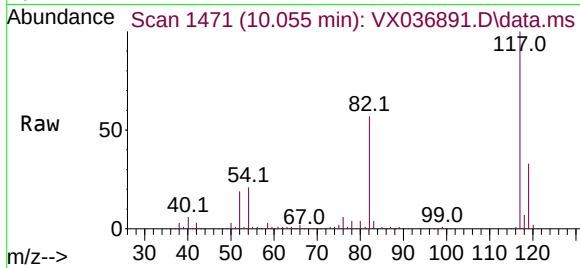
Tgt Ion:117 Resp: 214042

Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 32.9 25.5 38.3



#67

Ethyl Benzene

Concen: 2.617 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036891.D

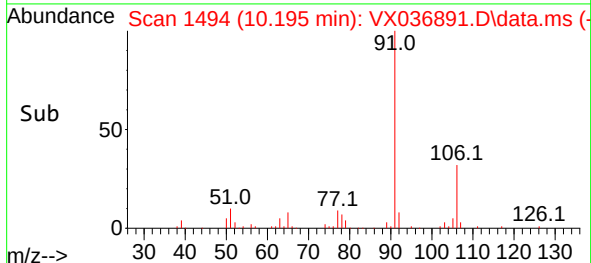
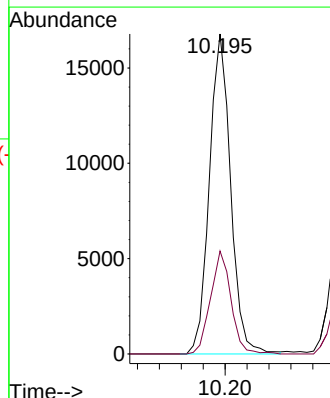
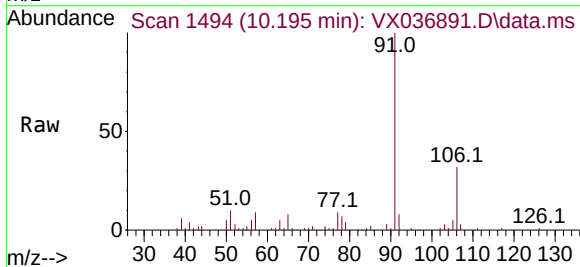
Acq: 09 Aug 2023 16:44

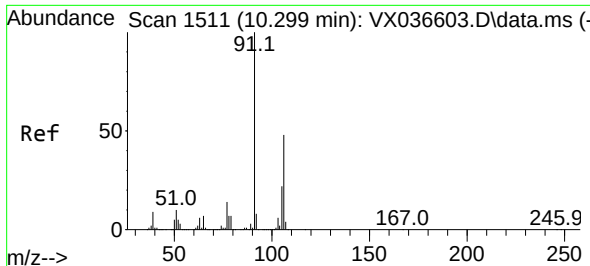
Tgt Ion: 91 Resp: 22554

Ion Ratio Lower Upper

91 100

106 32.1 24.9 37.3

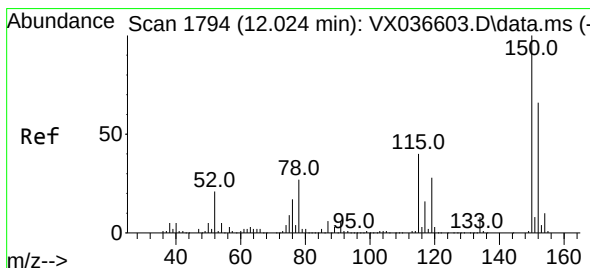
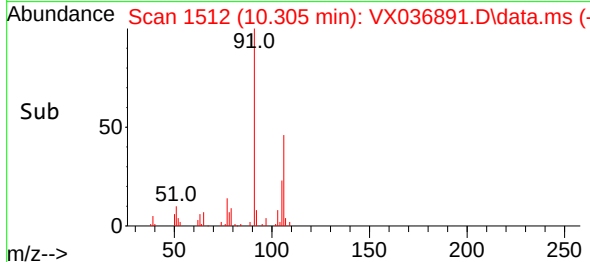
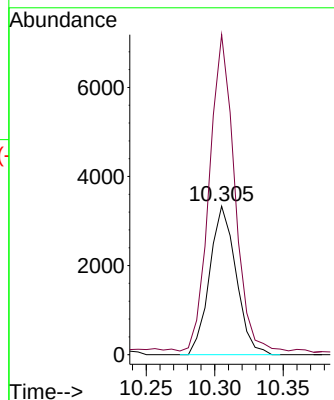
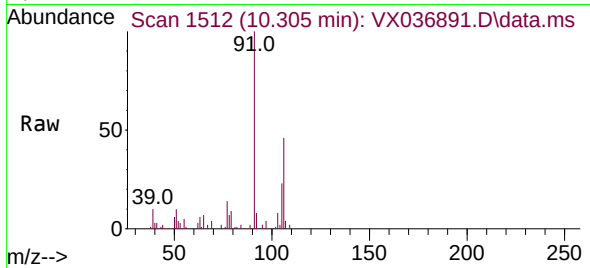




#68
m/p-Xylenes
Concen: 1.390 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX036891.D
Acq: 09 Aug 2023 16:44

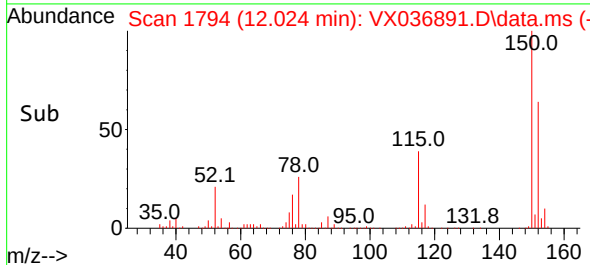
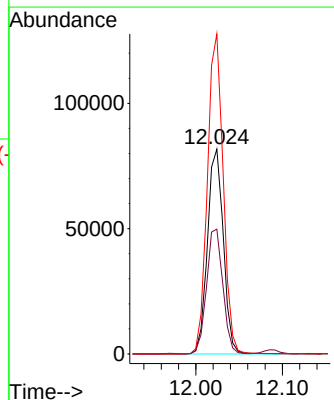
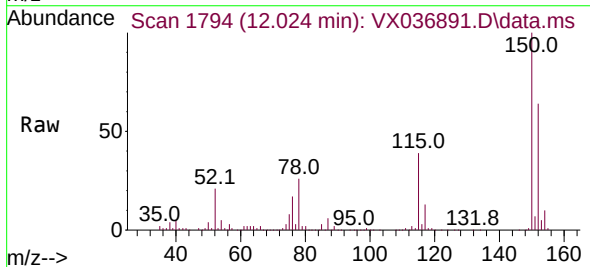
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MW-11

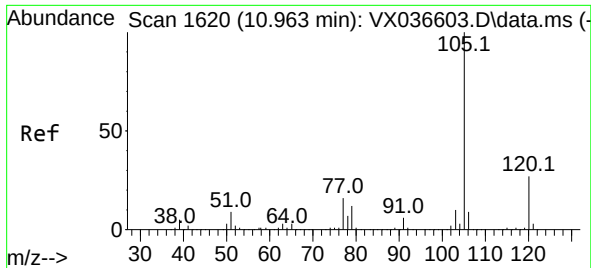
Tgt Ion:106 Resp: 4470
Ion Ratio Lower Upper
106 100
91 207.4 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036891.D
Acq: 09 Aug 2023 16:44

Tgt Ion:152 Resp: 104110
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 155.3 0.0 345.0

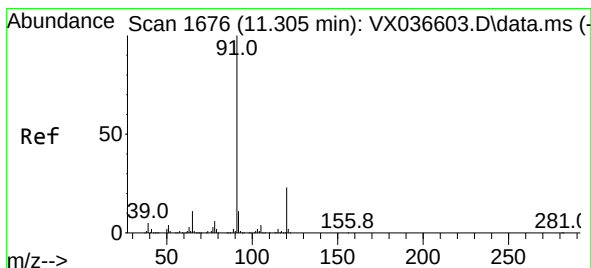
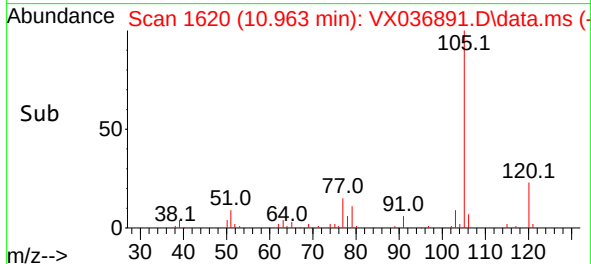
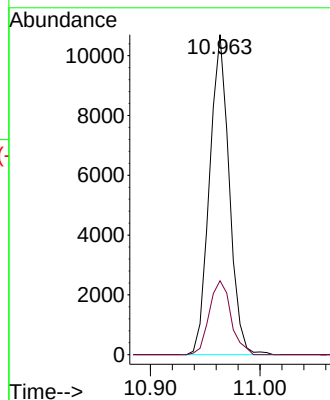
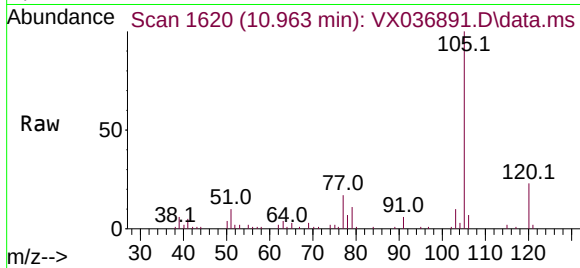




#73
Isopropylbenzene
Concen: 1.547 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036891.D
Acq: 09 Aug 2023 16:44

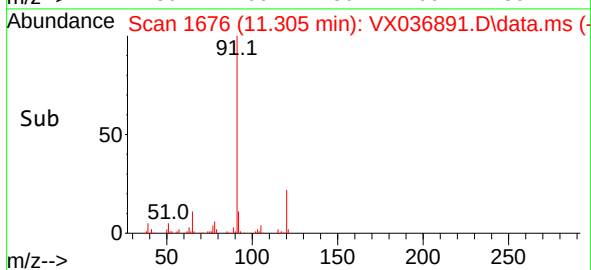
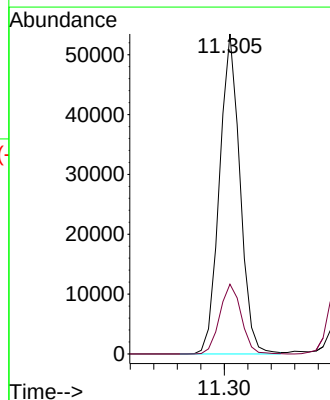
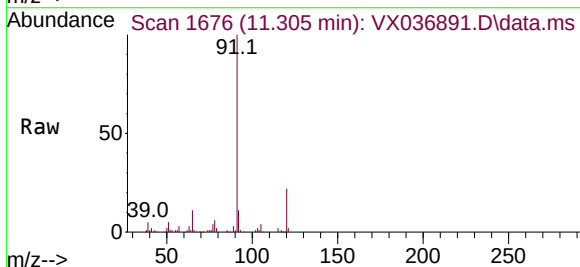
Instrument :
MSVOA_X
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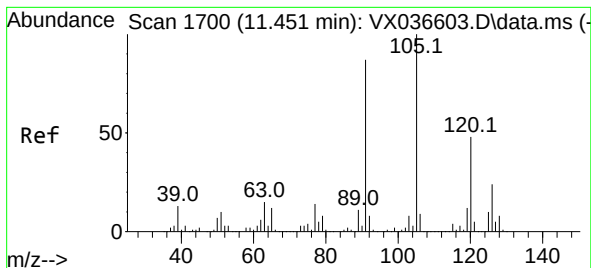
Tgt Ion:105 Resp: 13326
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6



#78
n-propylbenzene
Concen: 6.510 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036891.D
Acq: 09 Aug 2023 16:44

Tgt Ion: 91 Resp: 64870
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 10.977 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036891.D

Acq: 09 Aug 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

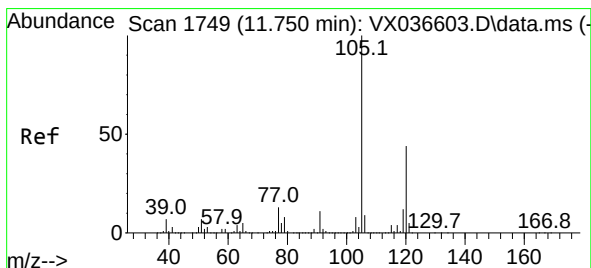
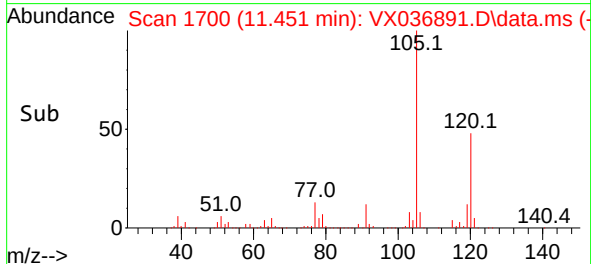
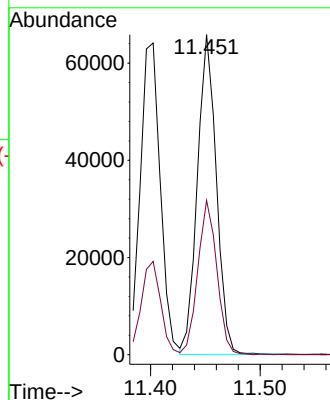
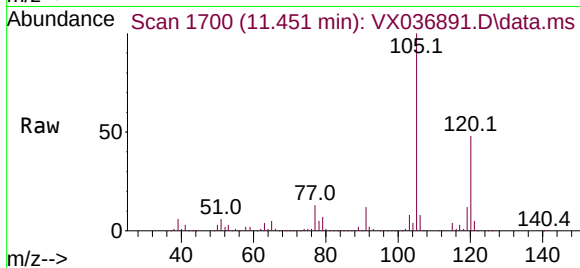
MW-11

Tgt Ion:105 Resp: 79119

Ion Ratio Lower Upper

105 100

120 48.5 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 56.543 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036891.D

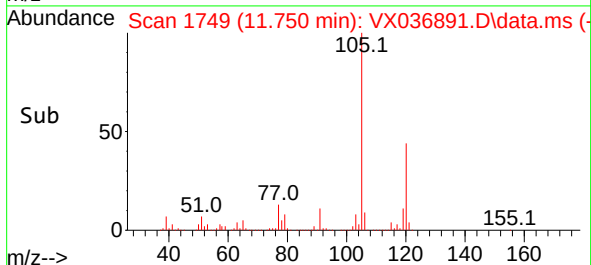
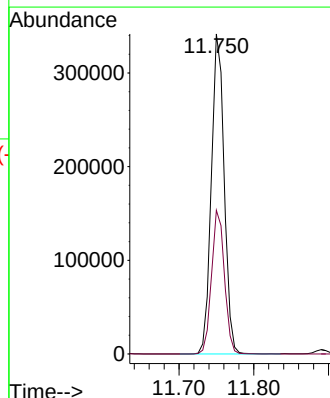
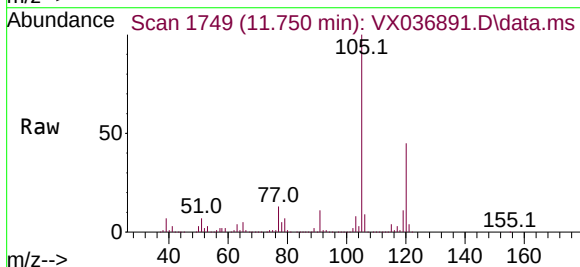
Acq: 09 Aug 2023 16:44

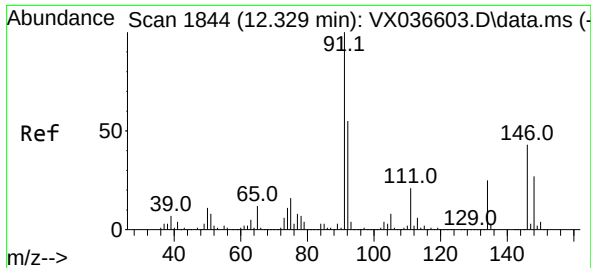
Tgt Ion:105 Resp: 407591

Ion Ratio Lower Upper

105 100

120 45.1 21.2 63.6





#89
 n-Butylbenzene
 Concen: 2.882 ug/l
 RT: 12.329 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036891.D
 Acq: 09 Aug 2023 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Tgt Ion: 91	Resp: 18744
Ion Ratio	Lower Upper
91	100
92	33.3 27.4 82.0
134	105.5 12.6 37.8#

