

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040054.D
 Acq On : 31 Jan 2024 17:46
 Operator : JC/MD
 Sample : P1282-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1243-1244

Quant Time: Feb 01 04:25:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 07:12:04 2024
 Response via : Initial Calibration

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

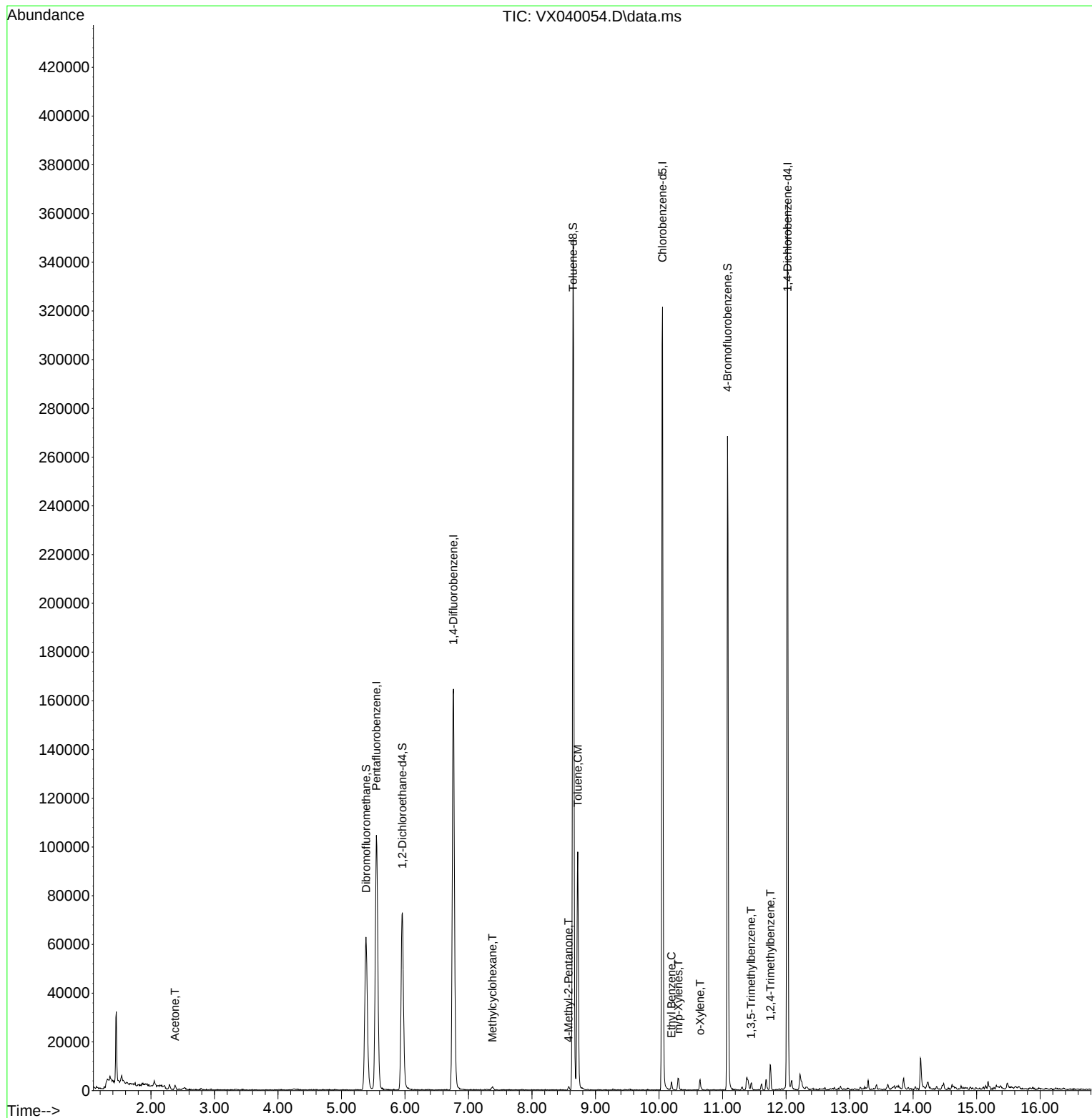
Internal Standards						
1) Pentafluorobenzene	5.550	168	92007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	163581	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69433	46.891	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.780%		
35) Dibromofluoromethane	5.385	113	54228	48.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.400%		
50) Toluene-d8	8.647	98	198325	47.624	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.240%		
62) 4-Bromofluorobenzene	11.079	95	71870	44.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.640%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1671	2.408	ug/l #	85
39) Methylcyclohexane	7.379	83	504	0.257	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	951	0.502	ug/l	92
52) Toluene	8.720	92	36079	12.341	ug/l	98
67) Ethyl Benzene	10.195	91	1980	0.369	ug/l #	83
68) m/p-Xylenes	10.305	106	1443	0.715	ug/l	95
69) o-Xylene	10.646	106	982	0.513	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	1629	0.358	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	4839	1.067	ug/l	99

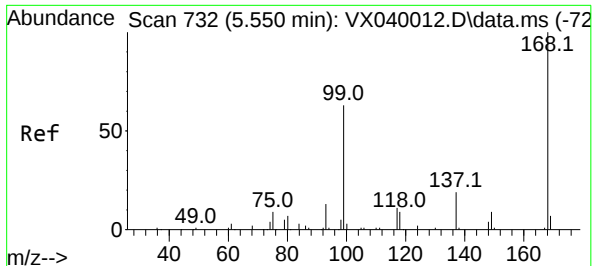
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

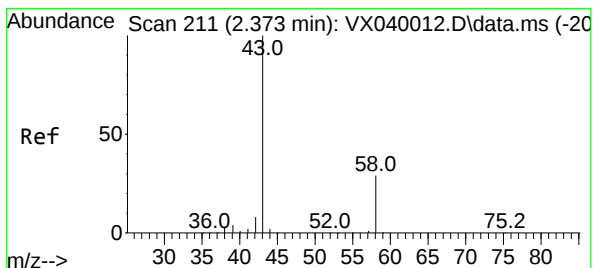
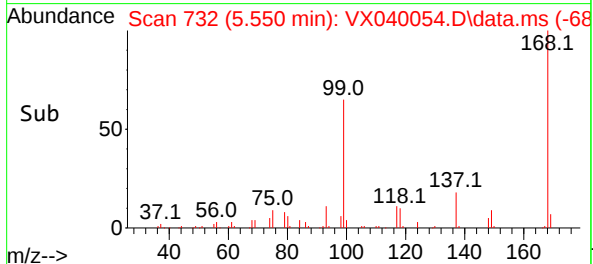
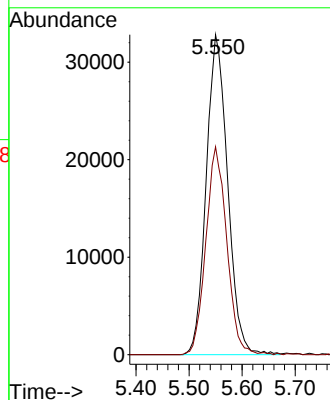
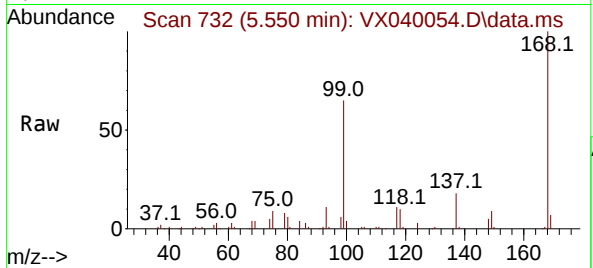
Instrument :

MSVOA_X

ClientSampleId :

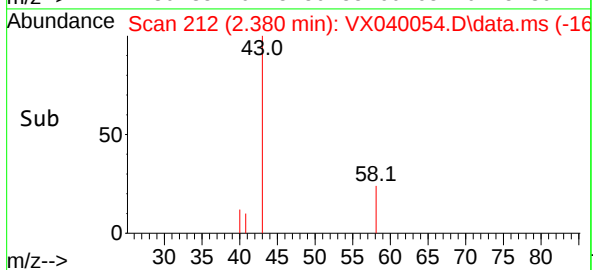
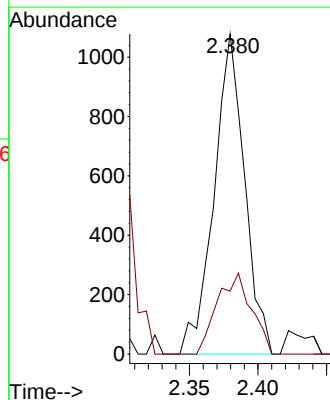
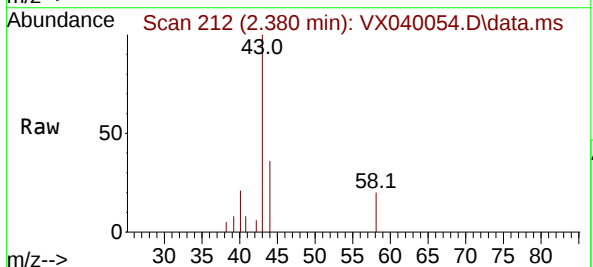
1243-1244

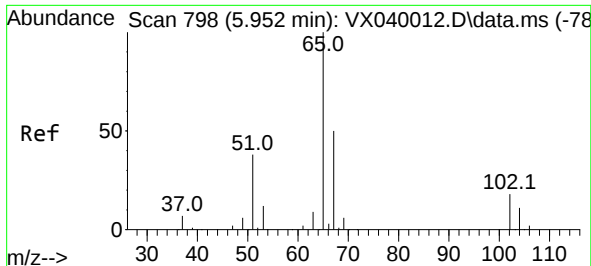
Tgt Ion:168 Resp: 92007
Ion Ratio Lower Upper
168 100
99 65.0 56.6 85.0



#16
Acetone
Concen: 2.408 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 19.7 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 46.891 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040054.D

Acq: 31 Jan 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

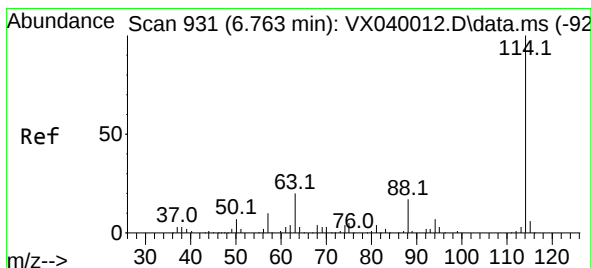
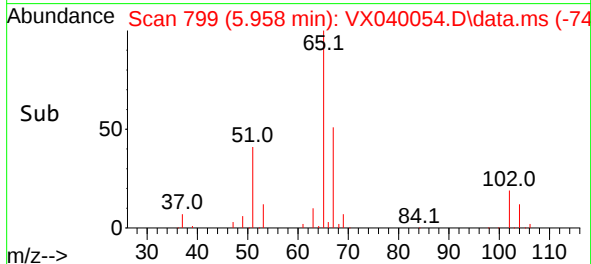
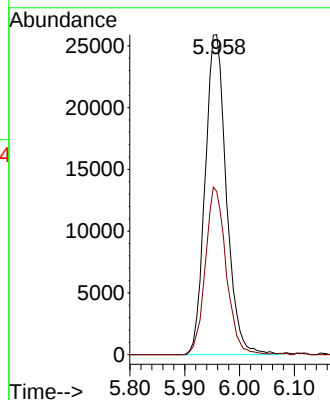
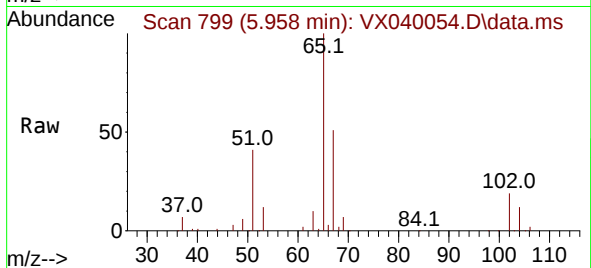
1243-1244

Tgt Ion: 65 Resp: 69433

Ion Ratio Lower Upper

65 100

67 51.3 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: VX040054.D

Acq: 31 Jan 2024 17:46

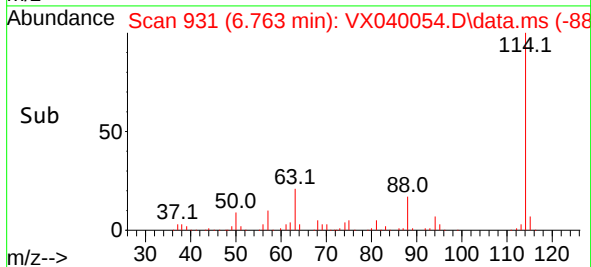
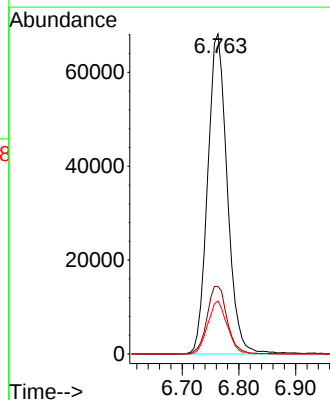
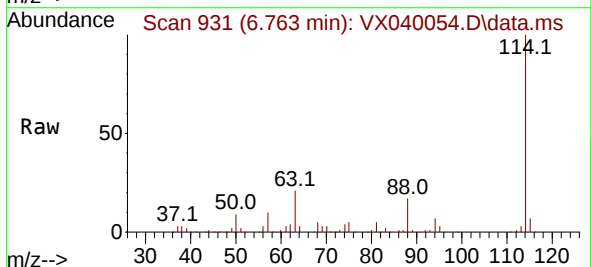
Tgt Ion: 114 Resp: 163581

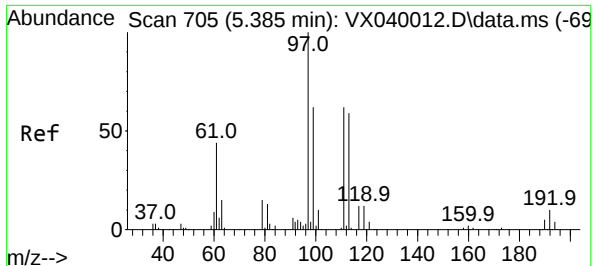
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.698 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040054.D

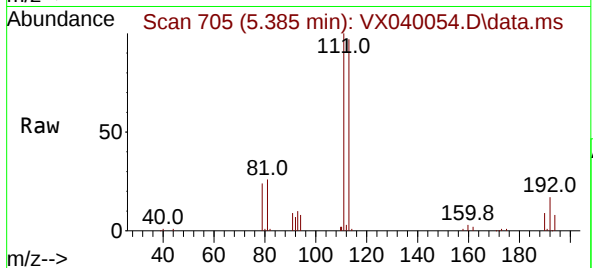
Acq: 31 Jan 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

1243-1244



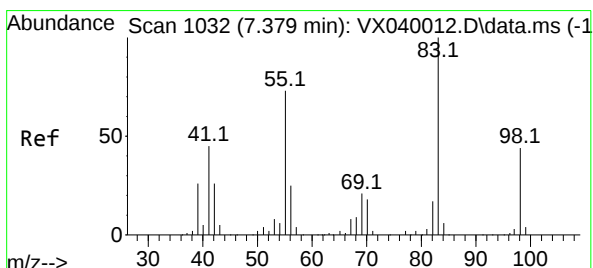
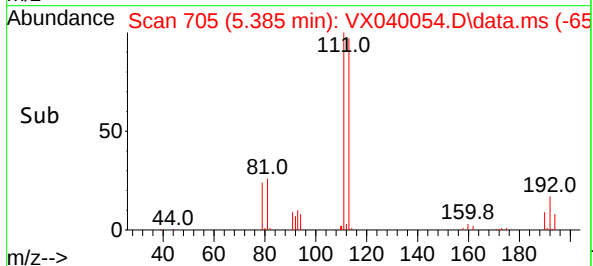
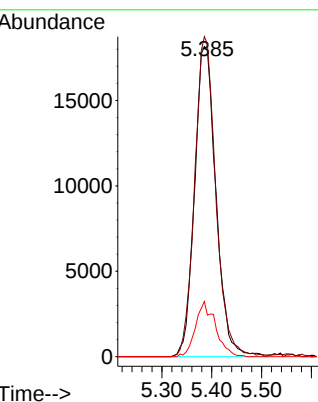
Tgt Ion:113 Resp: 54228

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 16.6 13.3 19.9



#39

Methylcyclohexane

Concen: 0.257 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040054.D

Acq: 31 Jan 2024 17:46

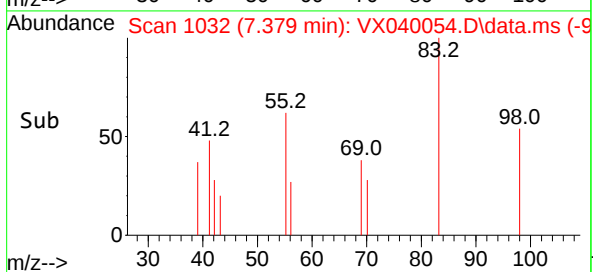
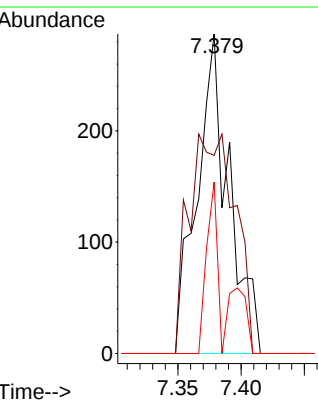
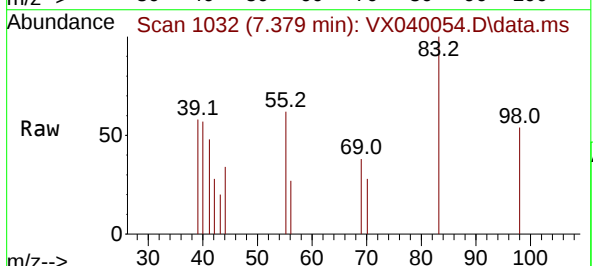
Tgt Ion: 83 Resp: 504

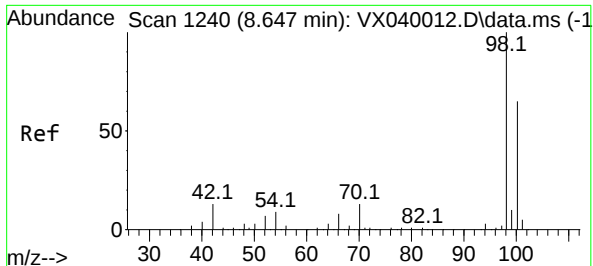
Ion Ratio Lower Upper

83 100

55 62.0 64.6 97.0#

98 53.7 36.7 55.1





#50

Toluene-d8

Concen: 47.624 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX040054.D

Acq: 31 Jan 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

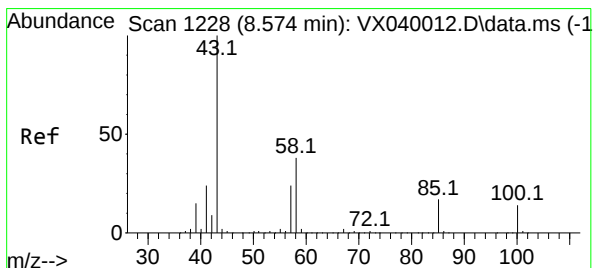
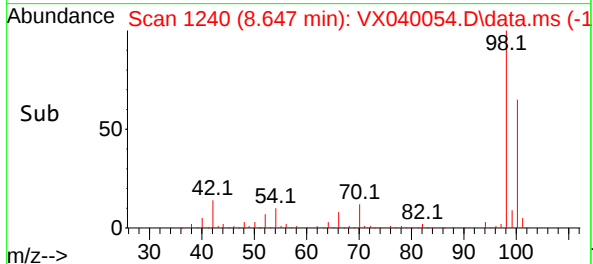
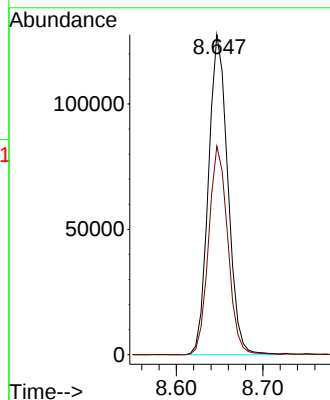
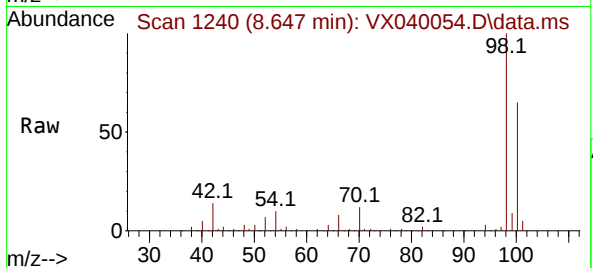
1243-1244

Tgt Ion: 98 Resp: 198325

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.502 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX040054.D

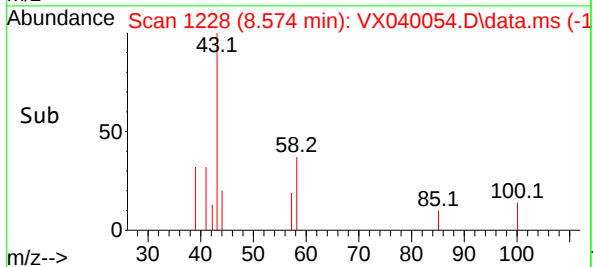
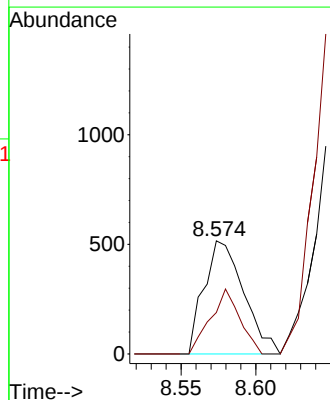
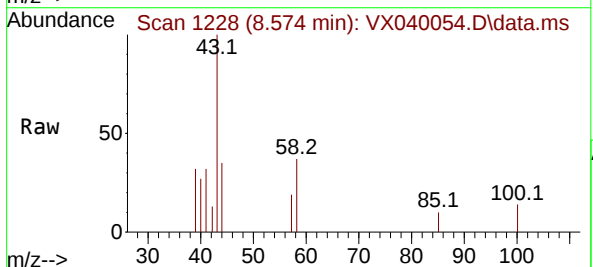
Acq: 31 Jan 2024 17:46

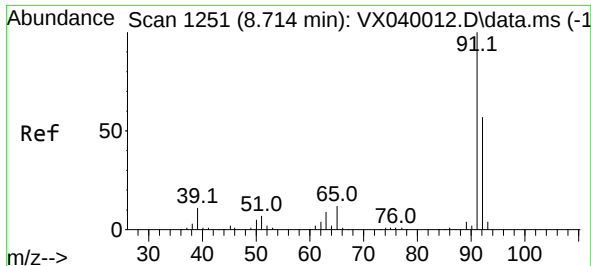
Tgt Ion: 43 Resp: 951

Ion Ratio Lower Upper

43 100

58 42.6 30.4 45.6

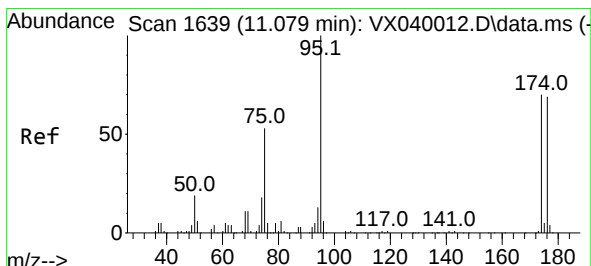
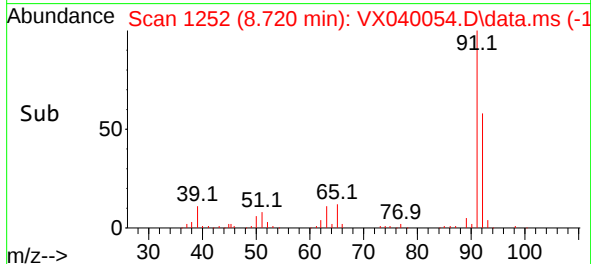
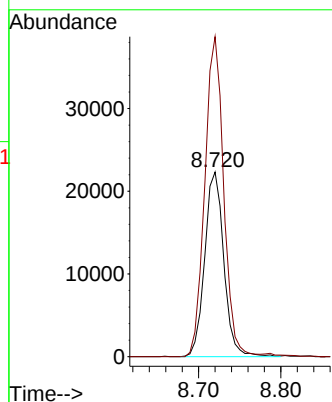
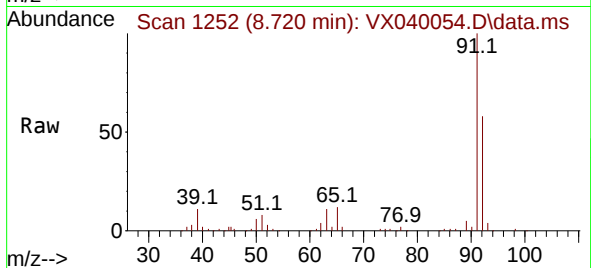




#52
Toluene
Concen: 12.341 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

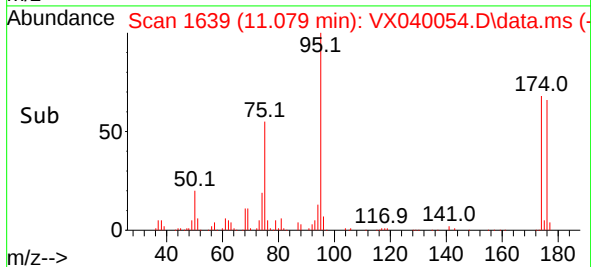
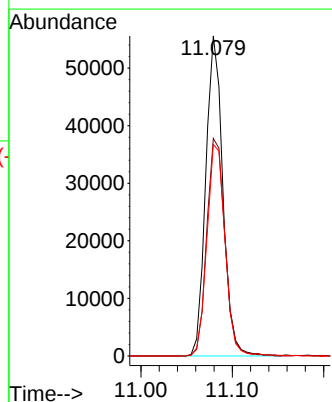
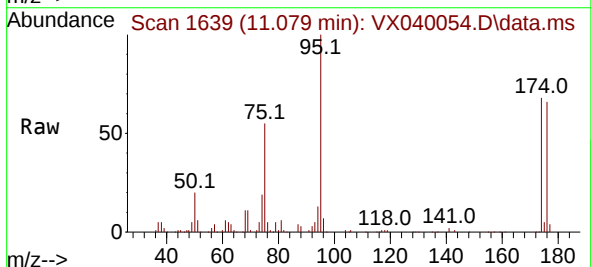
Instrument :
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1243-1244

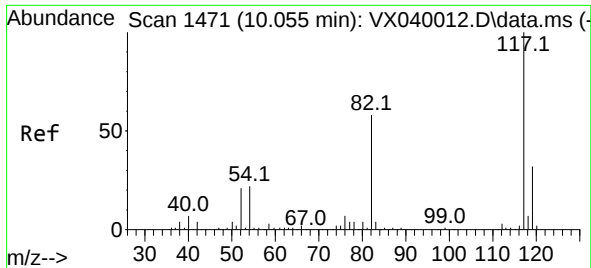
Tgt Ion: 92 Resp: 36079
Ion Ratio Lower Upper
92 100
91 170.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 44.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 95 Resp: 71870
Ion Ratio Lower Upper
95 100
174 72.5 0.0 135.6
176 70.3 0.0 131.0

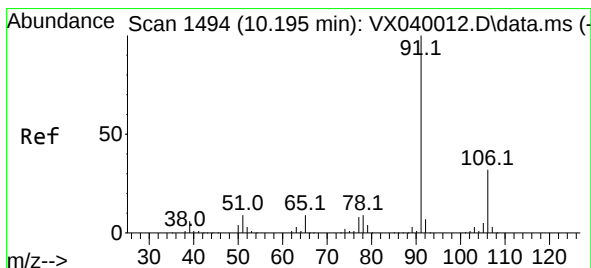
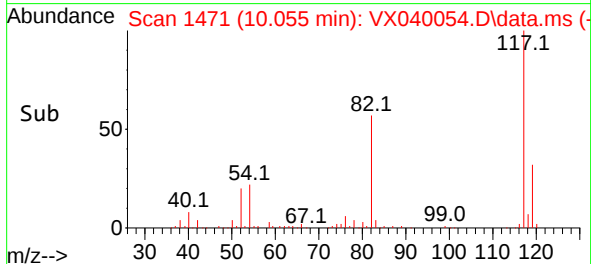
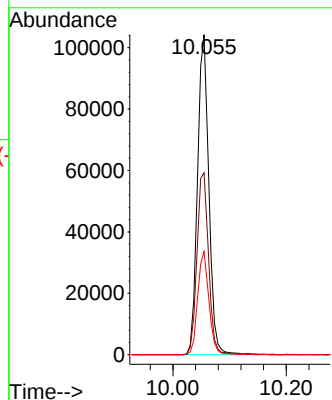
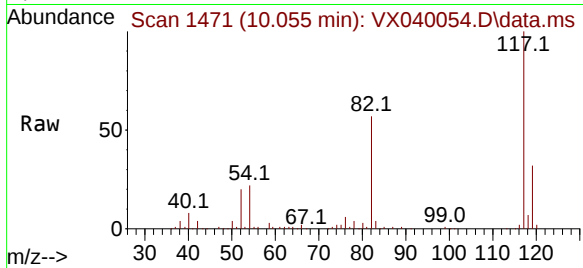




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

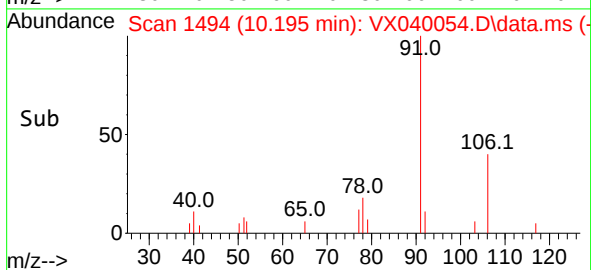
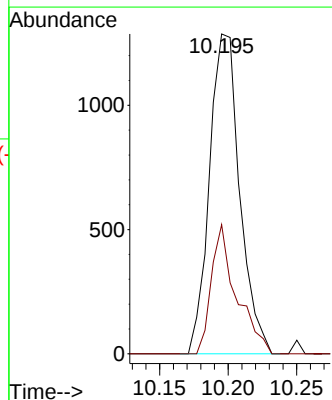
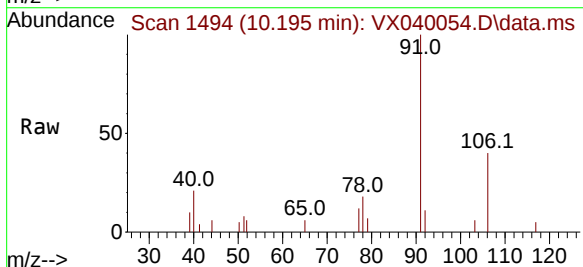
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1243-1244

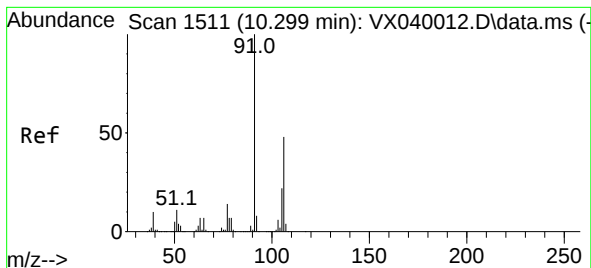
Tgt Ion:117 Resp: 144602
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 0.369 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion: 91 Resp: 1980
Ion Ratio Lower Upper
91 100
106 40.4 24.9 37.3#





#68

m/p-Xylenes

Concen: 0.715 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX040054.D

Acq: 31 Jan 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

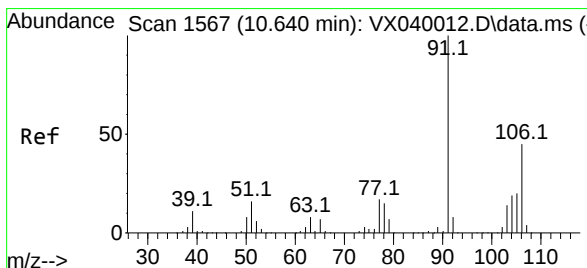
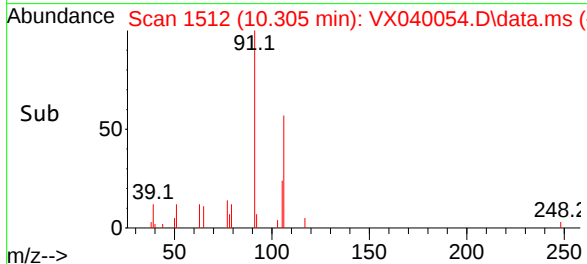
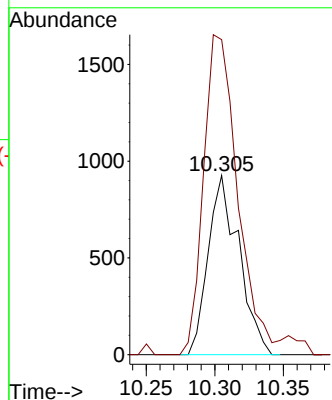
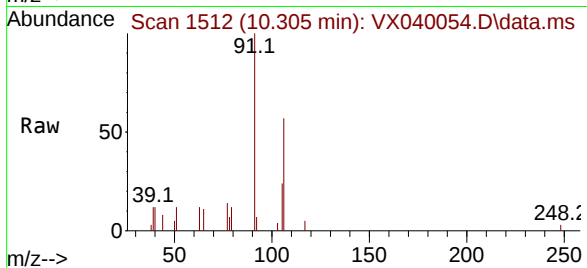
1243-1244

Tgt Ion:106 Resp: 1443

Ion Ratio Lower Upper

106 100

91 199.2 165.5 248.3



#69

o-Xylene

Concen: 0.513 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX040054.D

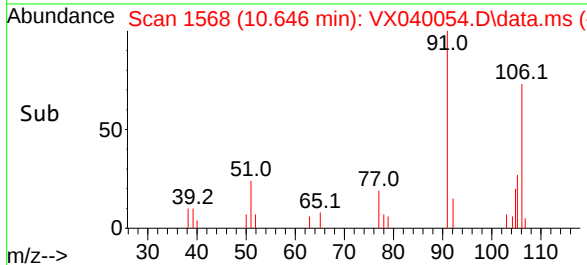
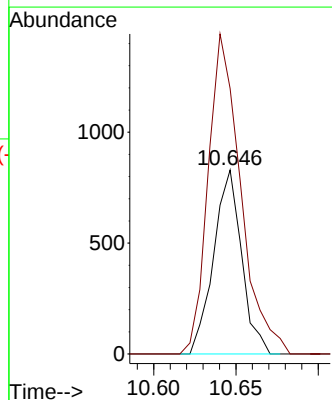
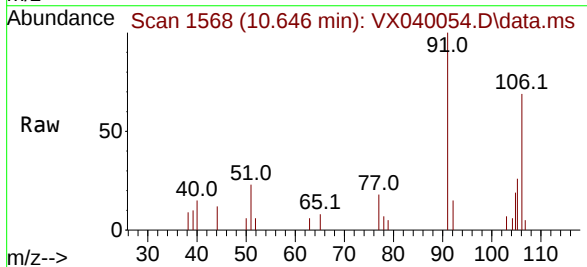
Acq: 31 Jan 2024 17:46

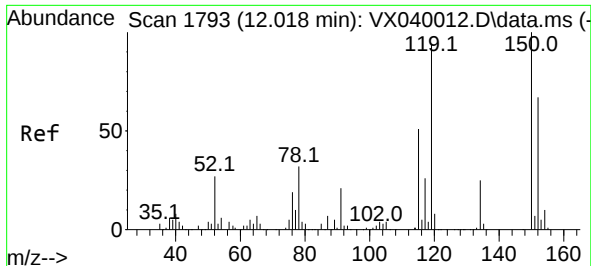
Tgt Ion:106 Resp: 982

Ion Ratio Lower Upper

106 100

91 201.6 108.9 326.8

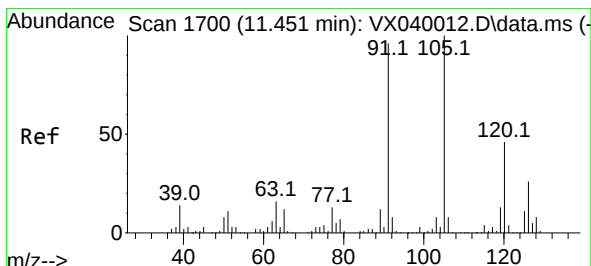
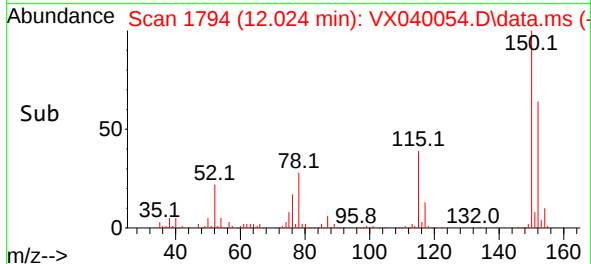
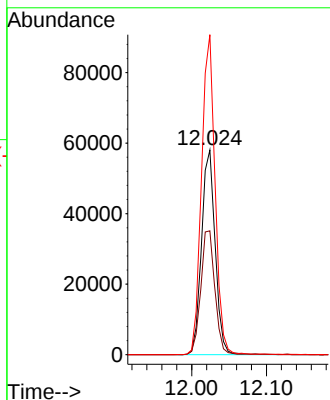
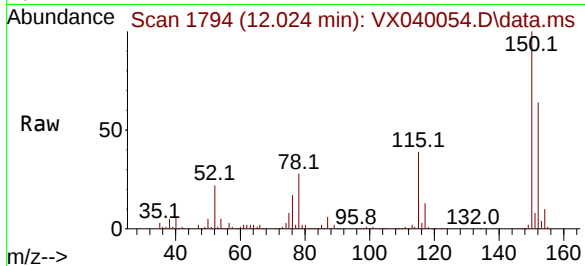




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

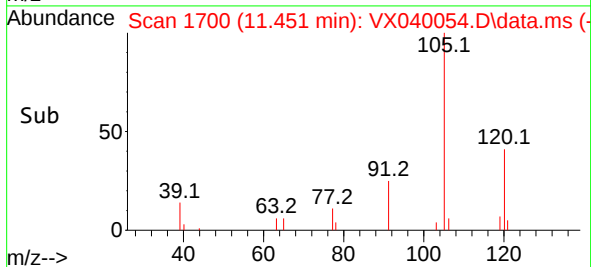
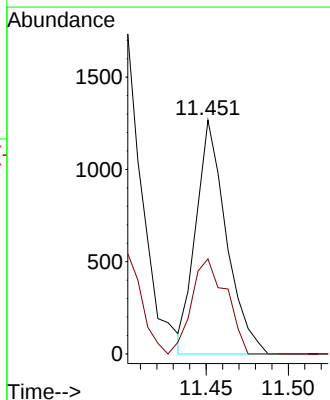
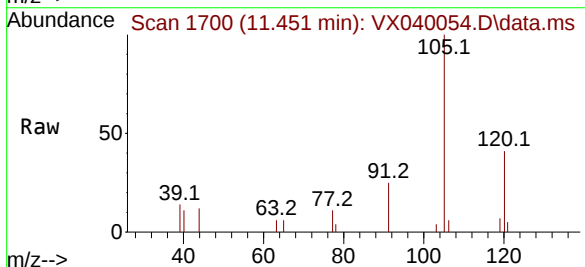
Instrument :
MSVOA_X
ClientSampleId :
1243-1244

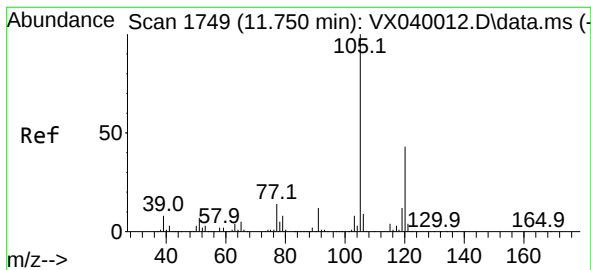
Tgt Ion:152 Resp: 73620
Ion Ratio Lower Upper
152 100
115 62.8 43.3 129.9
150 155.8 0.0 345.0



#80
1,3,5-Trimethylbenzene
Concen: 0.358 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040054.D
Acq: 31 Jan 2024 17:46

Tgt Ion:105 Resp: 1629
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 1.067 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040054.D

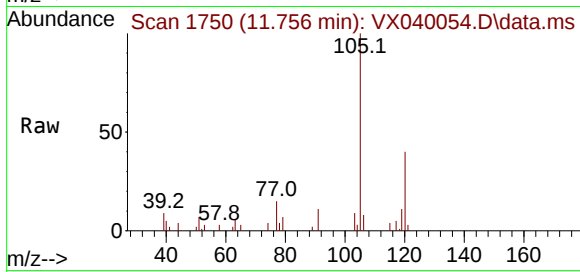
Acq: 31 Jan 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

1243-1244



Tgt Ion:105 Resp: 4839

Ion Ratio Lower Upper

105 100

120 42.8 21.2 63.6

