

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100423\
 Data File : VX038077.D
 Acq On : 04 Oct 2023 19:52
 Operator : JC/MD
 Sample : 04622-02ME
 Misc : 3.36g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I-4(0-5)ME

Quant Time: Oct 05 01:07:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100323W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 04 09:08:35 2023
 Response via : Initial Calibration

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

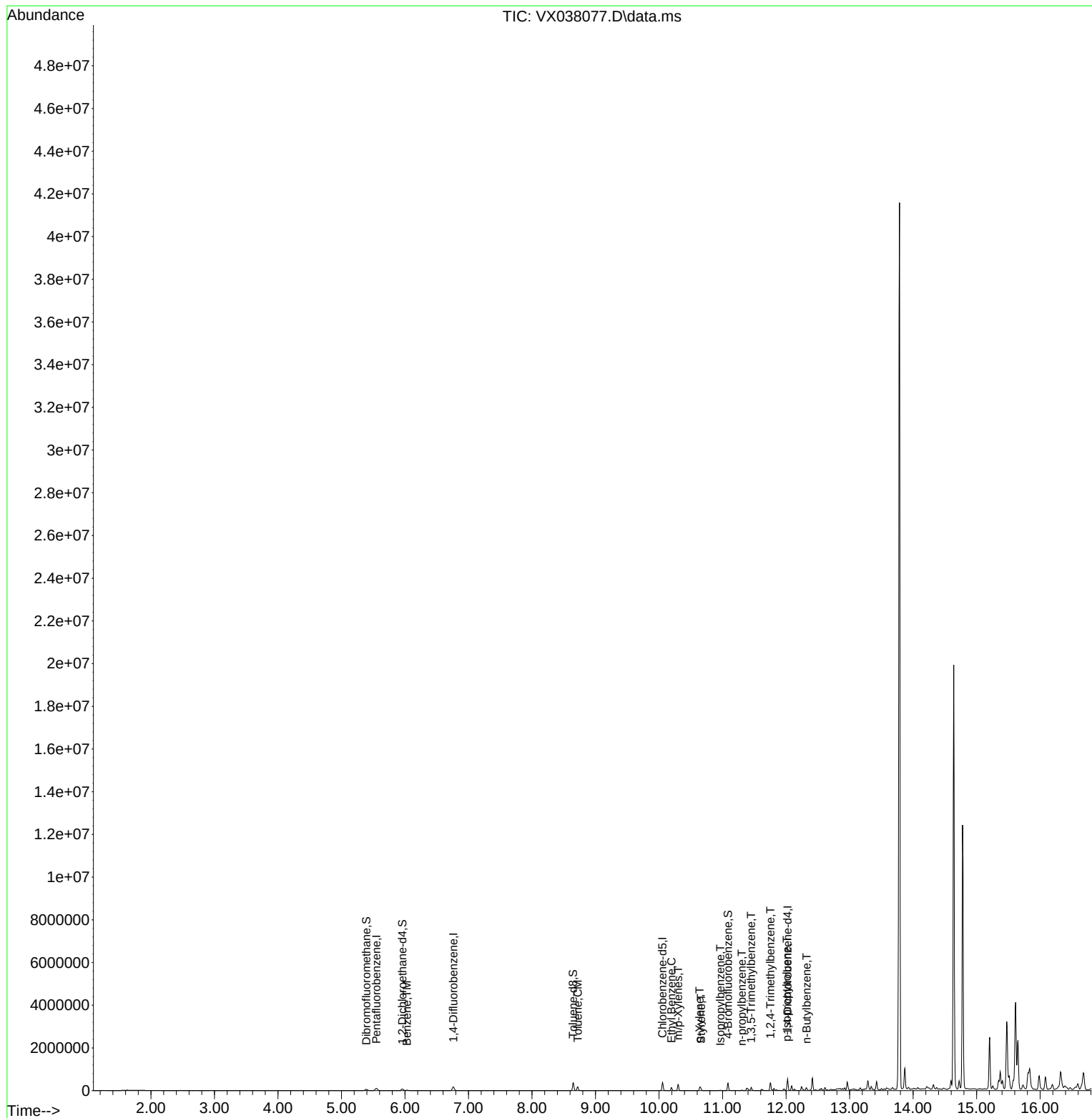
Internal Standards						
1) Pentafluorobenzene	5.550	168	99401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73516	47.533	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.060%
35) Dibromofluoromethane	5.391	113	51445	42.725	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.460%
50) Toluene-d8	8.647	98	220883	47.934	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.860%
62) 4-Bromofluorobenzene	11.085	95	87750	52.324	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.640%
Target Compounds						
					Qvalue	
40) Benzene	6.031	78	29676	5.928	ug/l	95
52) Toluene	8.720	92	66913	20.653	ug/l	92
67) Ethyl Benzene	10.195	91	83237	13.026	ug/l	100
68) m/p-Xylenes	10.299	106	65061	26.587	ug/l	100
69) o-Xylene	10.640	106	34451	14.825	ug/l	100
70) Styrene	10.659	104	35085	9.141	ug/l	91
73) Isopropylbenzene	10.963	105	9949	1.469	ug/l	97
78) n-propylbenzene	11.305	91	16917	2.033	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	63170	10.961	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	162236	27.912	ug/l	98
86) p-Isopropyltoluene	12.012	119	15345	2.522	ug/l	94
89) n-Butylbenzene	12.323	91	18980	3.125	ug/l #	26

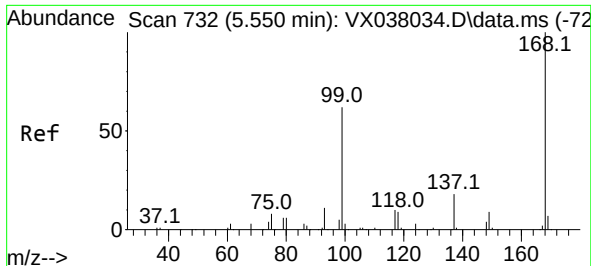
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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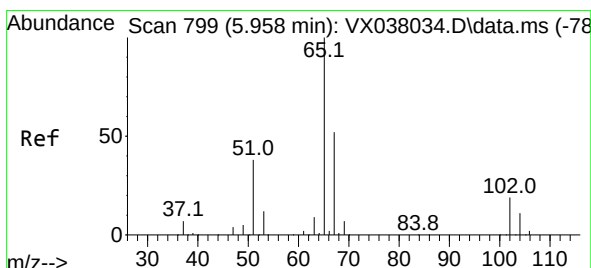
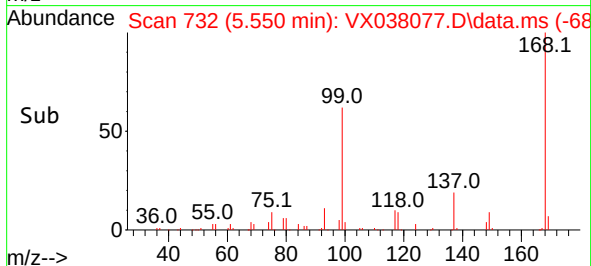
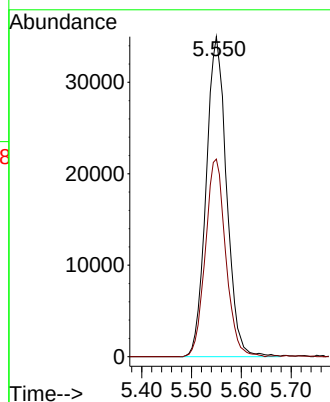
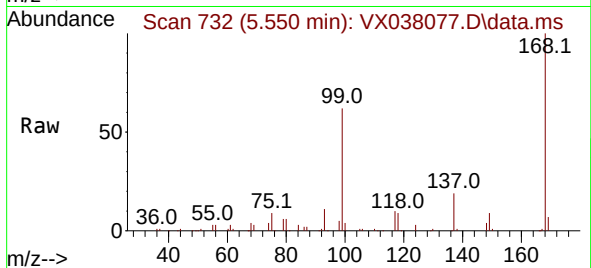




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX038077.D
Acq: 04 Oct 2023 19:52

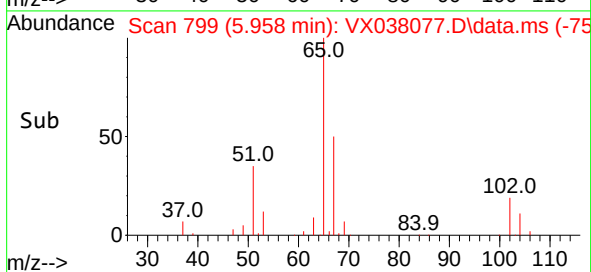
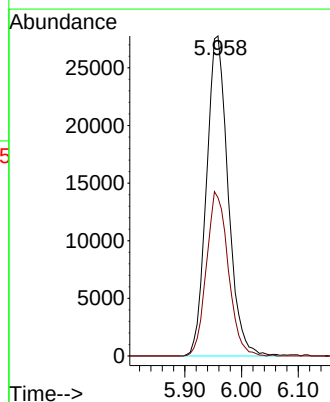
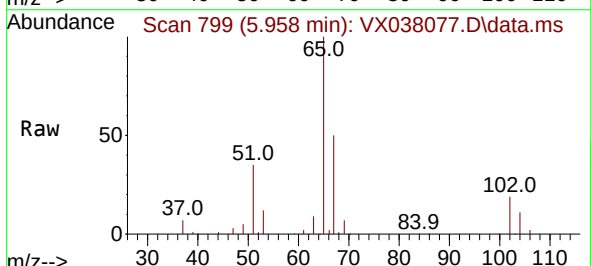
Instrument :
MSVOA_X
ClientSampleId :
I-4(0-5)ME

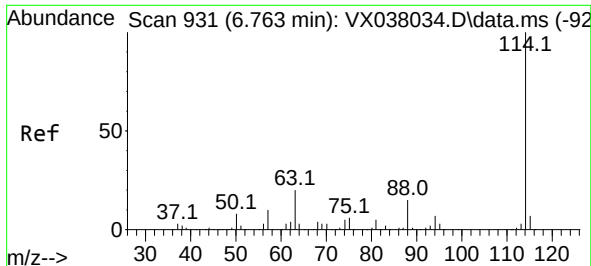
Tgt Ion:168 Resp: 99401
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.533 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038077.D
Acq: 04 Oct 2023 19:52

Tgt Ion: 65 Resp: 73516
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

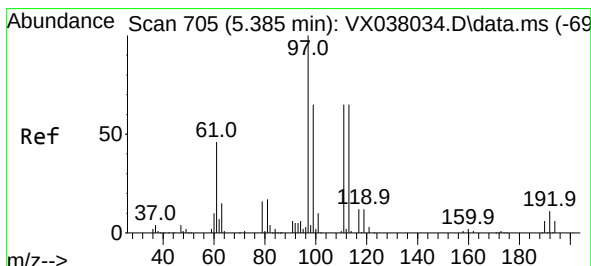
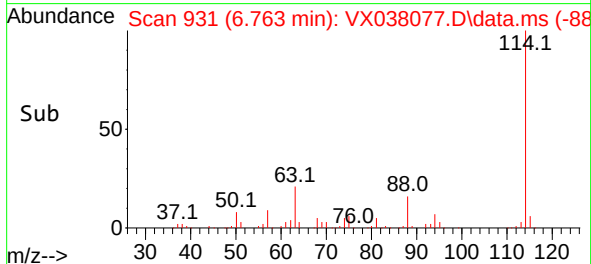
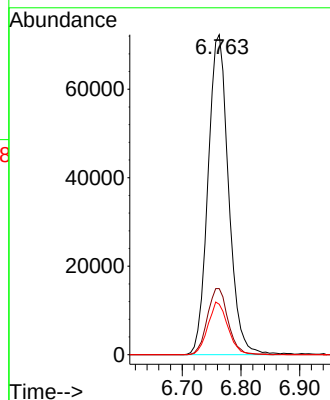
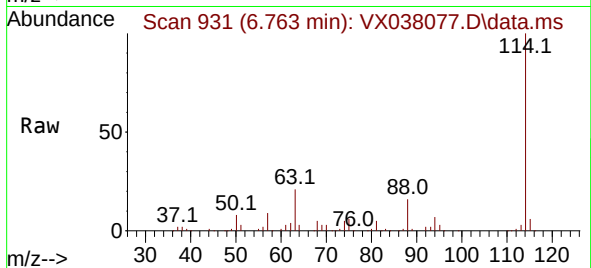




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038077.D
Acq: 04 Oct 2023 19:52

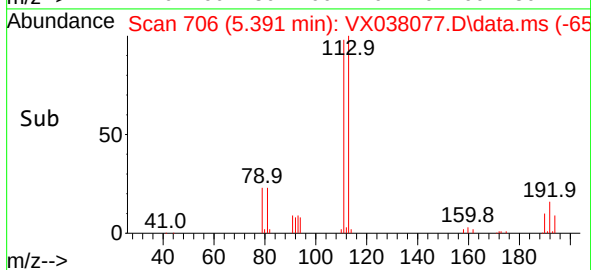
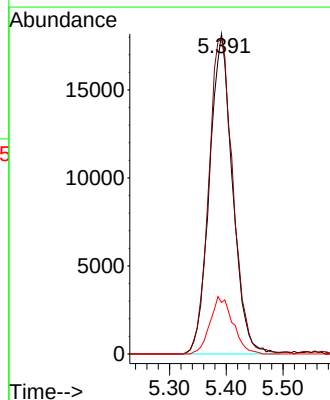
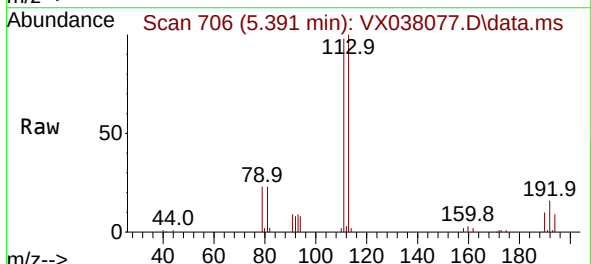
Instrument :
MSVOA_X
ClientSampleId :
I-4(0-5)ME

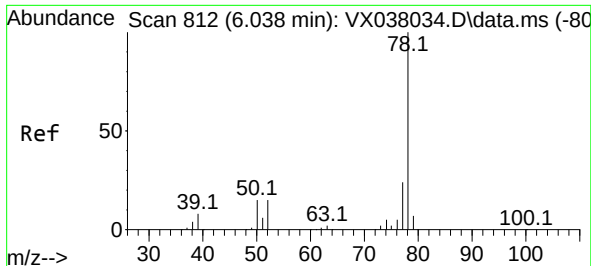
Tgt Ion:114 Resp: 175512
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.725 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038077.D
Acq: 04 Oct 2023 19:52

Tgt Ion:113 Resp: 51445
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 17.7 13.3 19.9





#40

Benzene

Concen: 5.928 ug/l

RT: 6.031 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX038077.D

Acq: 04 Oct 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

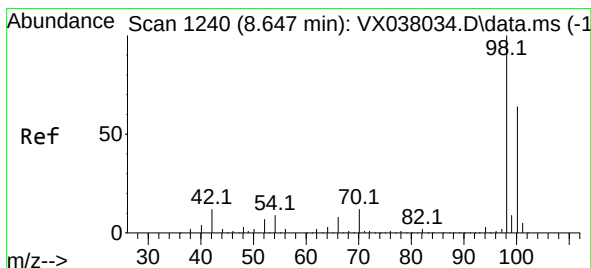
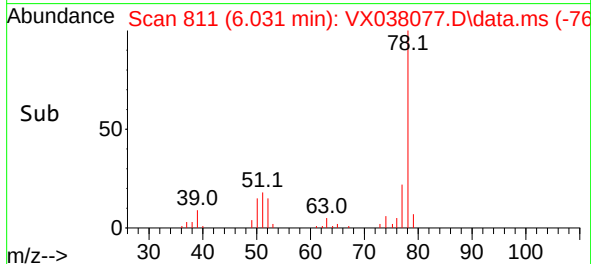
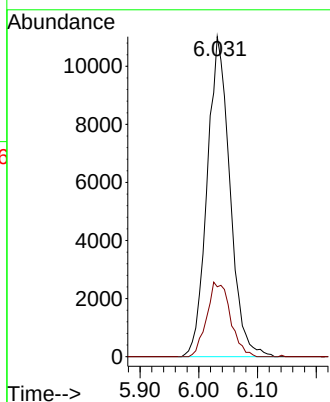
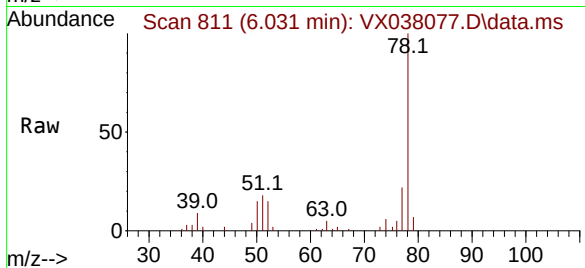
I-4(0-5)ME

Tgt Ion: 78 Resp: 29676

Ion Ratio Lower Upper

78 100

77 21.9 19.3 28.9



#50

Toluene-d8

Concen: 47.934 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038077.D

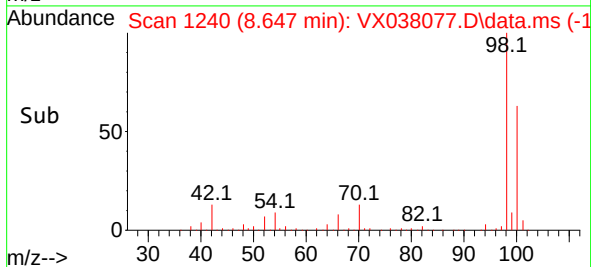
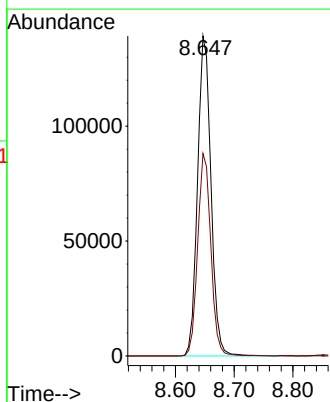
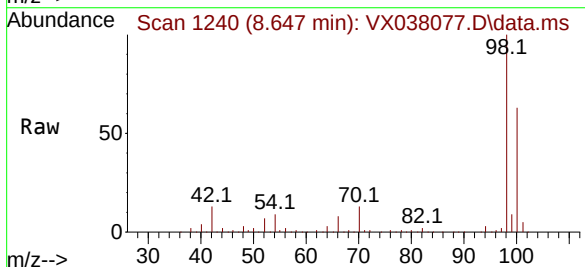
Acq: 04 Oct 2023 19:52

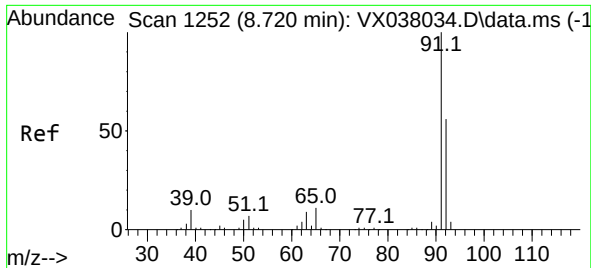
Tgt Ion: 98 Resp: 220883

Ion Ratio Lower Upper

98 100

100 62.2 53.1 79.7

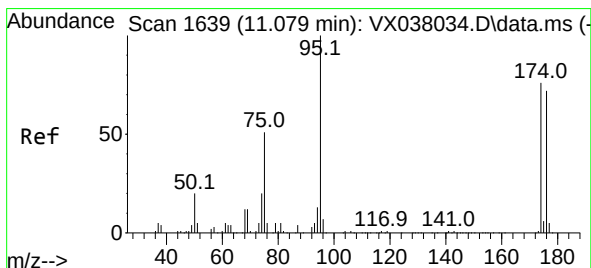
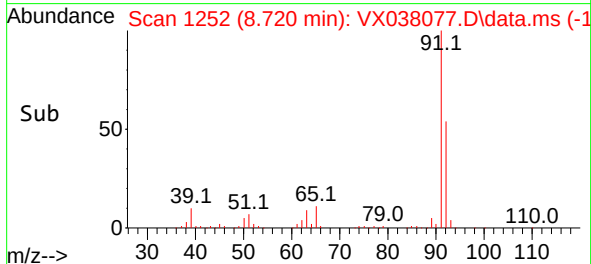
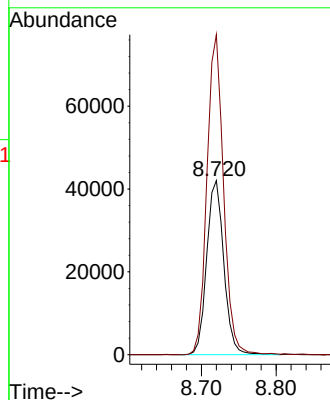
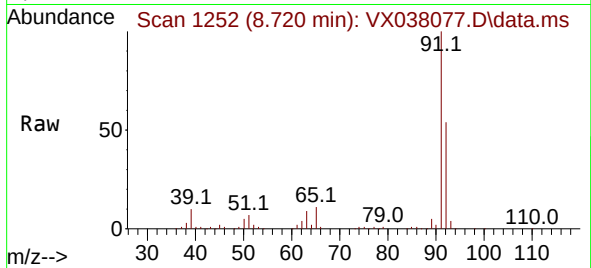




#52
Toluene
Concen: 20.653 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038077.D
Acq: 04 Oct 2023 19:52

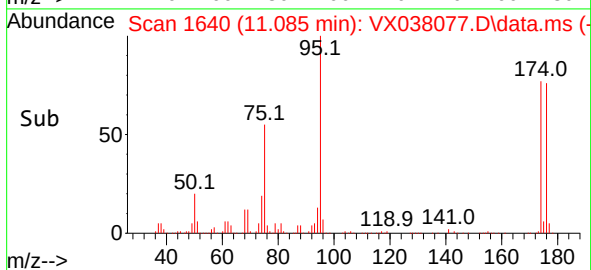
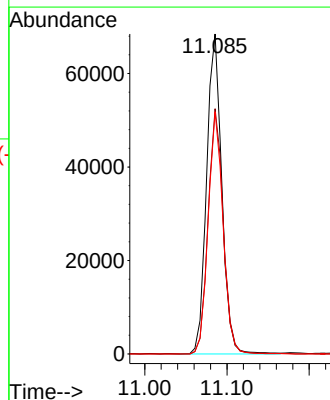
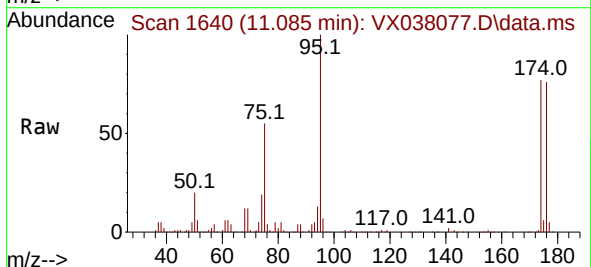
Instrument :
MSVOA_X
ClientSampleId :
I-4(0-5)ME

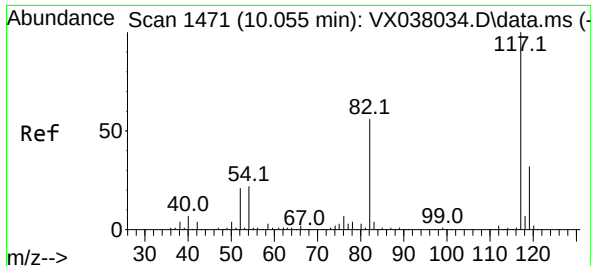
Tgt Ion: 92 Resp: 66913
Ion Ratio Lower Upper
92 100
91 178.4 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 52.324 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX038077.D
Acq: 04 Oct 2023 19:52

Tgt Ion: 95 Resp: 87750
Ion Ratio Lower Upper
95 100
174 76.5 0.0 135.6
176 74.2 0.0 131.0

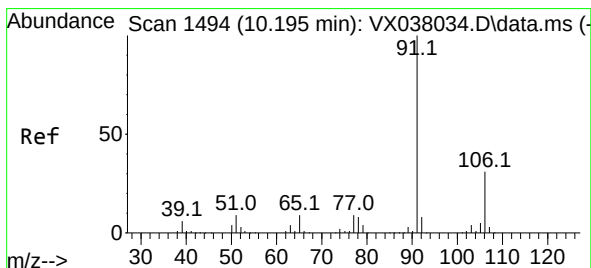
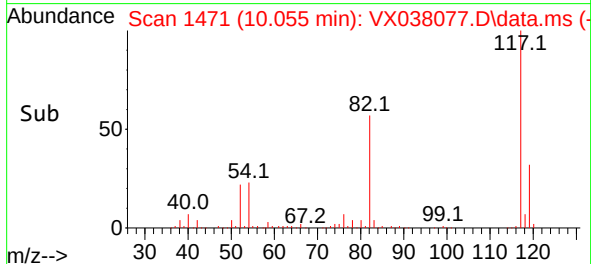
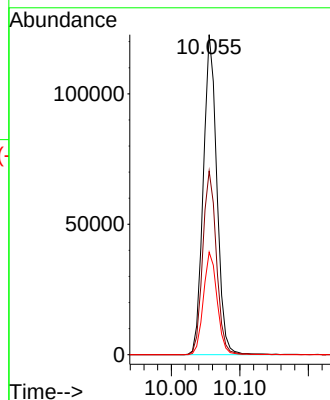
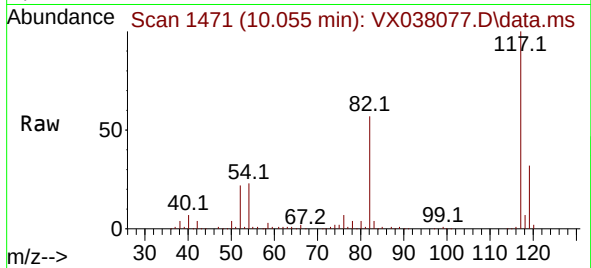




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038077.D
Acq: 04 Oct 2023 19:52

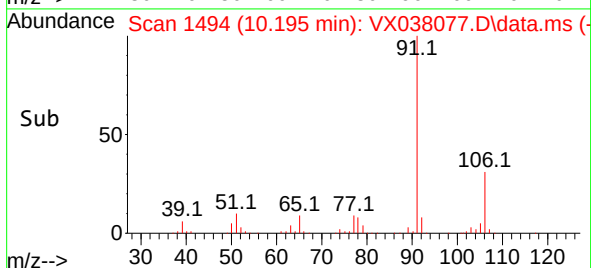
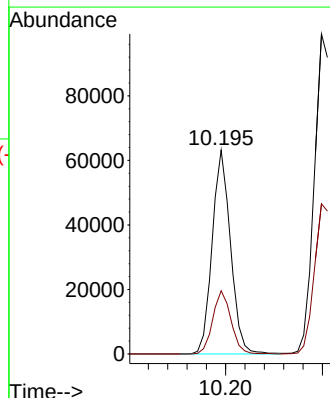
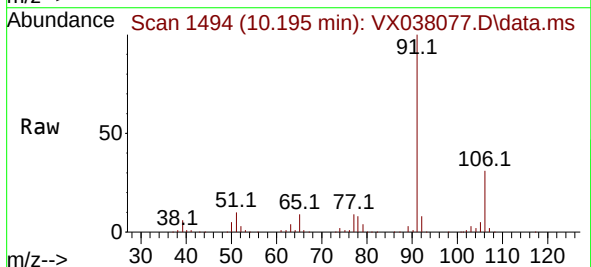
Instrument :
MSVOA_X
ClientSampleId :
I-4(0-5)ME

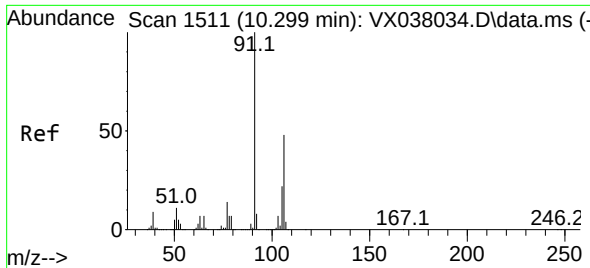
Tgt Ion:117 Resp: 169215
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 13.026 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038077.D
Acq: 04 Oct 2023 19:52

Tgt Ion: 91 Resp: 83237
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

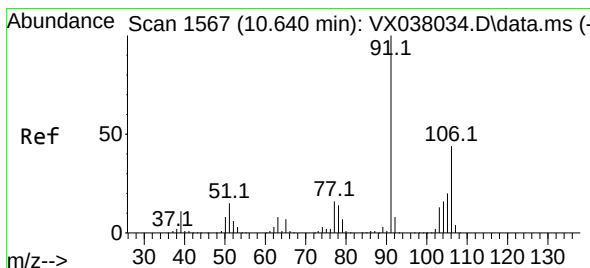
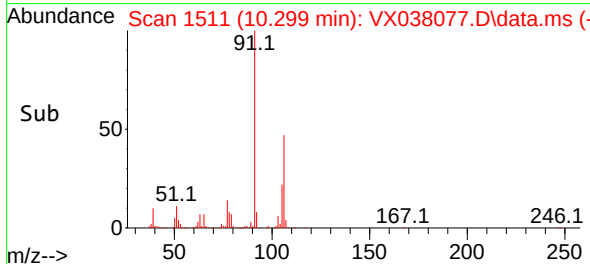
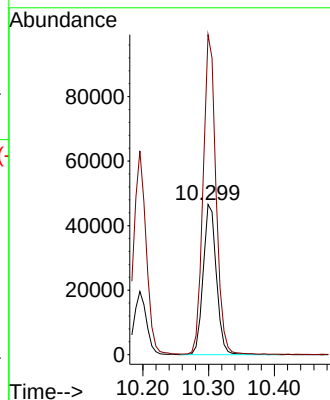
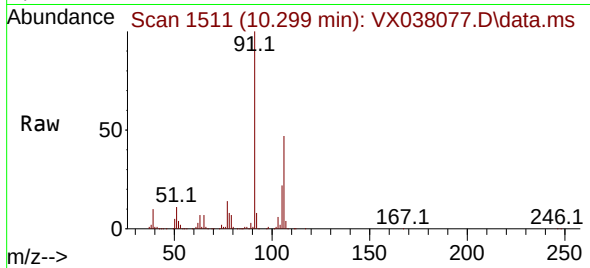




#68
m/p-Xylenes
Concen: 26.587 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX038077.D
Acq: 04 Oct 2023 19:52

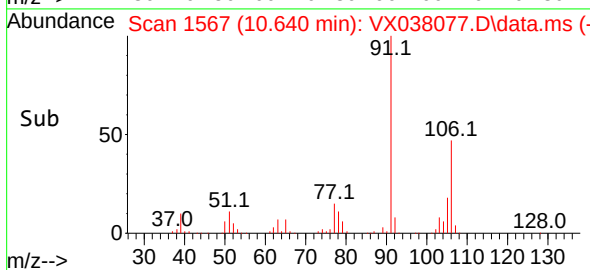
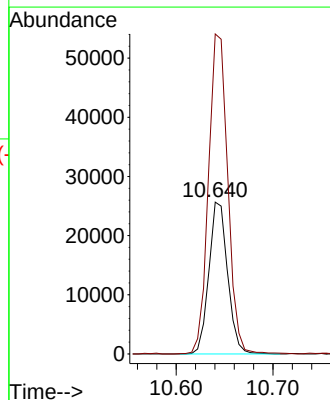
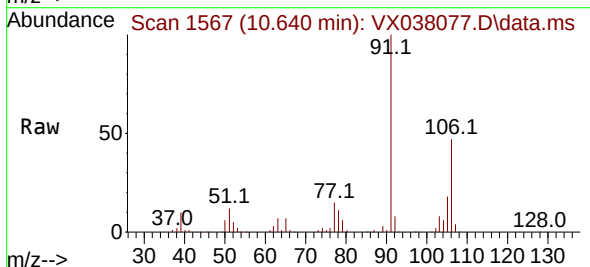
Instrument :
MSVOA_X
ClientSampleId :
I-4(0-5)ME

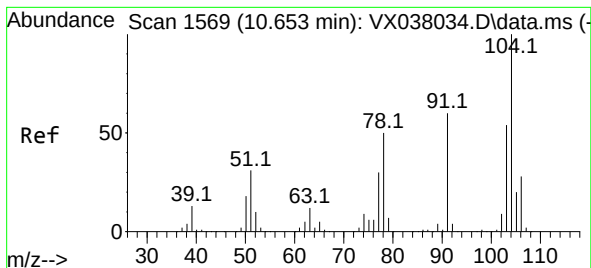
Tgt Ion:106 Resp: 65061
Ion Ratio Lower Upper
106 100
91 207.0 165.5 248.3



#69
o-Xylene
Concen: 14.825 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038077.D
Acq: 04 Oct 2023 19:52

Tgt Ion:106 Resp: 34451
Ion Ratio Lower Upper
106 100
91 217.4 108.9 326.8





#70

Styrene

Concen: 9.141 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX038077.D

Acq: 04 Oct 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

I-4(0-5)ME

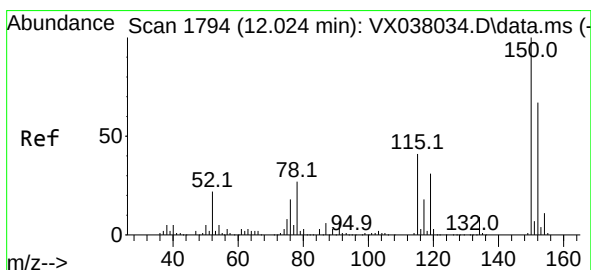
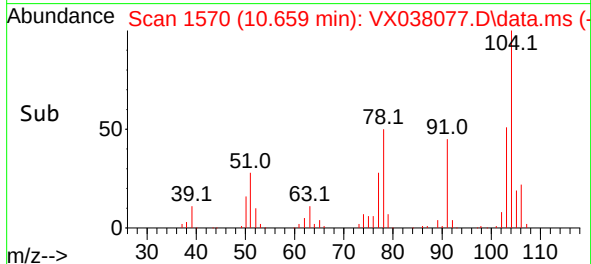
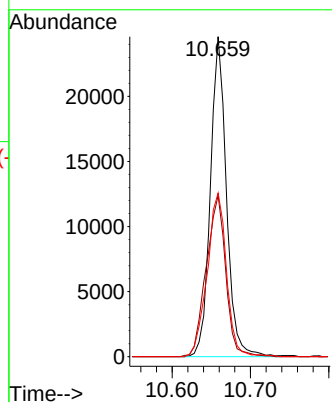
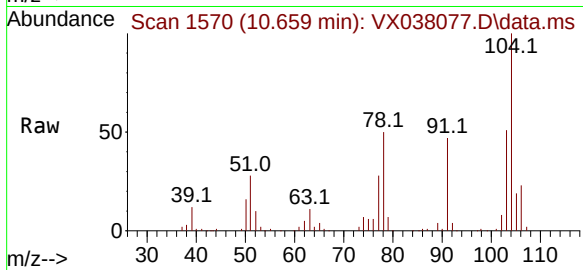
Tgt Ion:104 Resp: 35085

Ion Ratio Lower Upper

104 100

78 61.0 43.6 65.4

103 61.4 43.6 65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038077.D

Acq: 04 Oct 2023 19:52

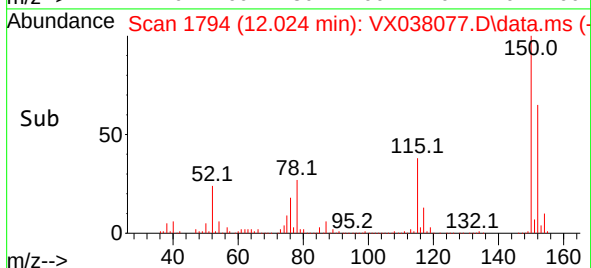
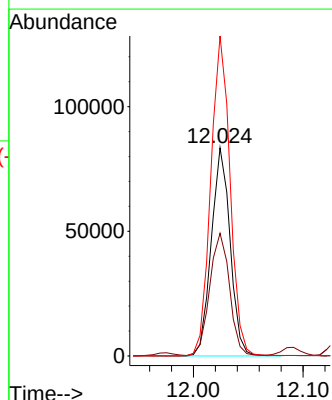
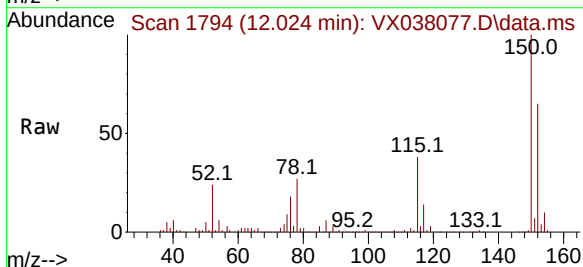
Tgt Ion:152 Resp: 99775

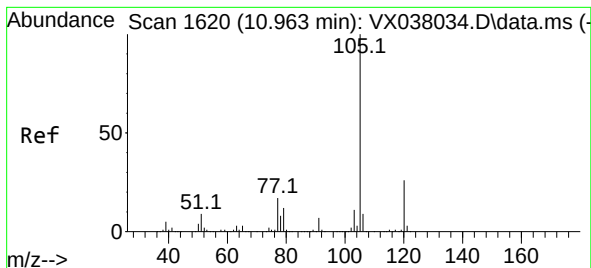
Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 157.5 0.0 345.0





#73

Isopropylbenzene

Concen: 1.469 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038077.D

Acq: 04 Oct 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

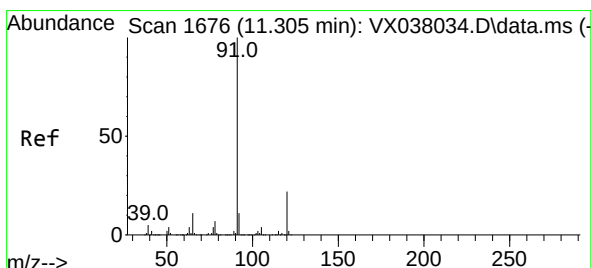
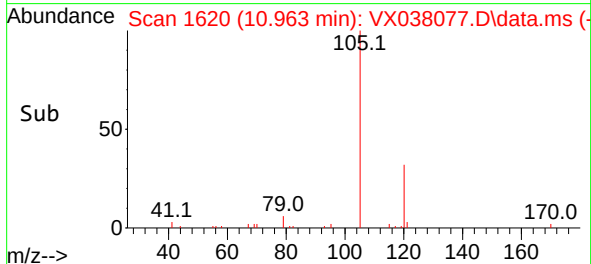
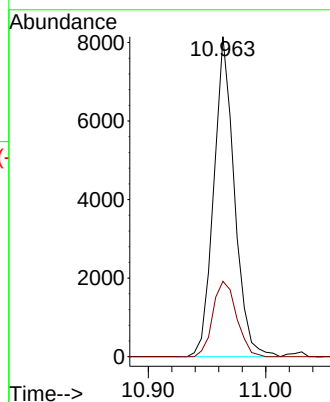
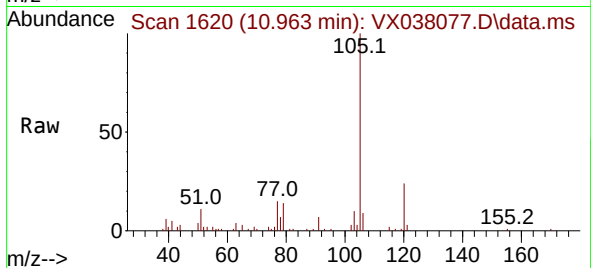
I-4(0-5)ME

Tgt Ion:105 Resp: 9949

Ion Ratio Lower Upper

105 100

120 27.0 12.9 38.6



#78

n-propylbenzene

Concen: 2.033 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038077.D

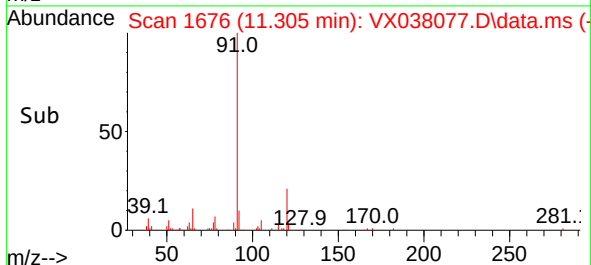
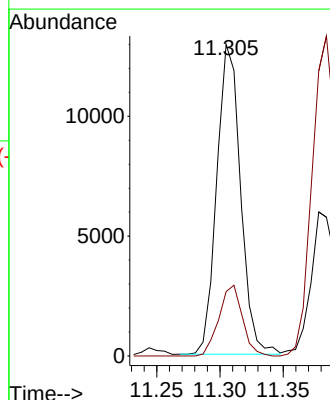
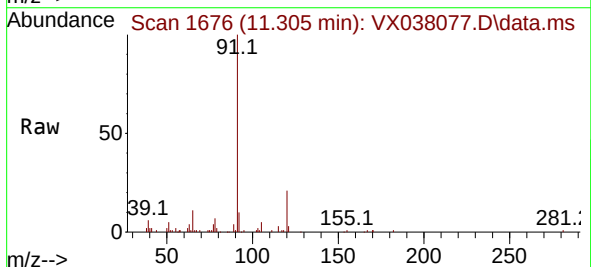
Acq: 04 Oct 2023 19:52

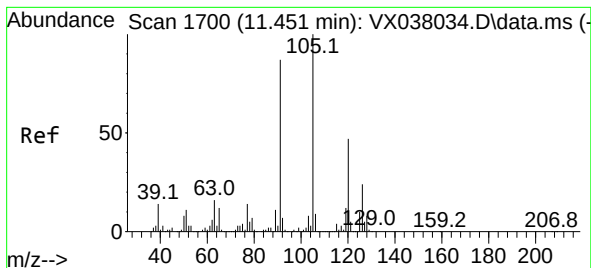
Tgt Ion: 91 Resp: 16917

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 10.961 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038077.D

Acq: 04 Oct 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

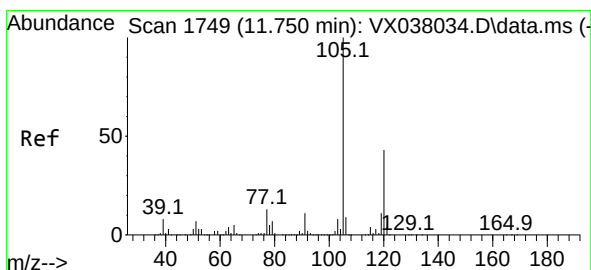
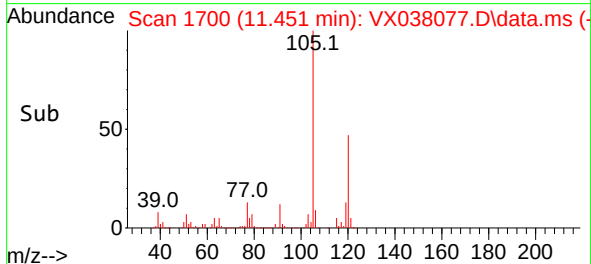
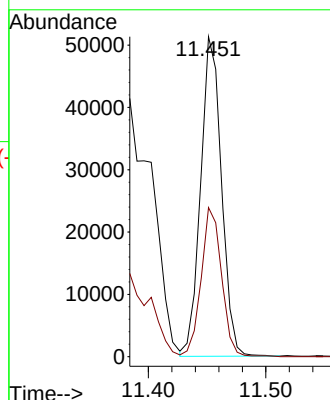
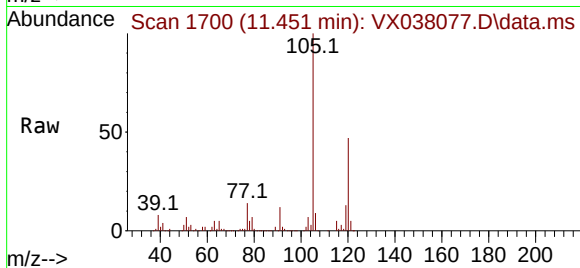
I-4(0-5)ME

Tgt Ion:105 Resp: 63170

Ion Ratio Lower Upper

105 100

120 45.8 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 27.912 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX038077.D

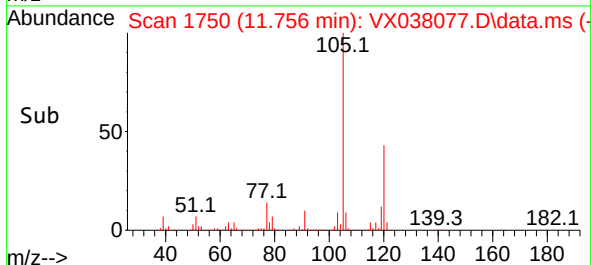
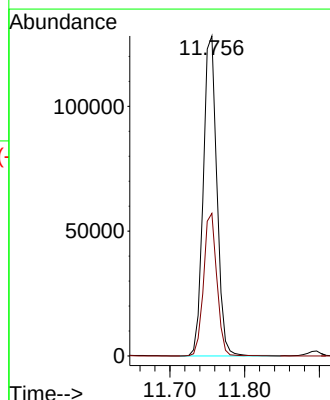
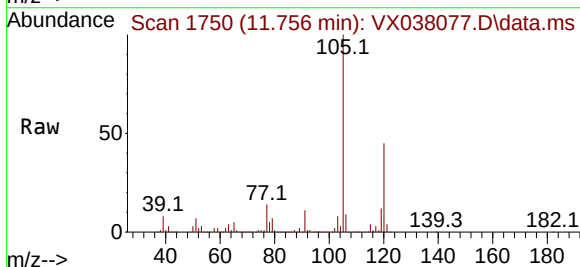
Acq: 04 Oct 2023 19:52

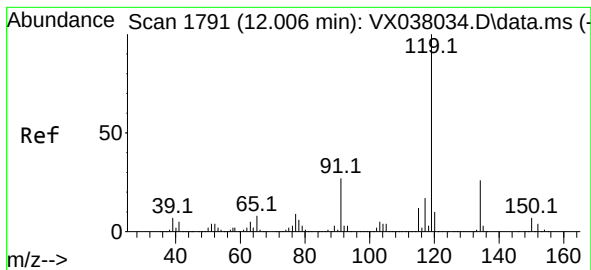
Tgt Ion:105 Resp: 162236

Ion Ratio Lower Upper

105 100

120 43.6 21.2 63.6





#86

p-Isopropyltoluene

Concen: 2.522 ug/l

RT: 12.012 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VX038077.D

Acq: 04 Oct 2023 19:52

Instrument :

MSVOA_X

ClientSampleId :

I-4(0-5)ME

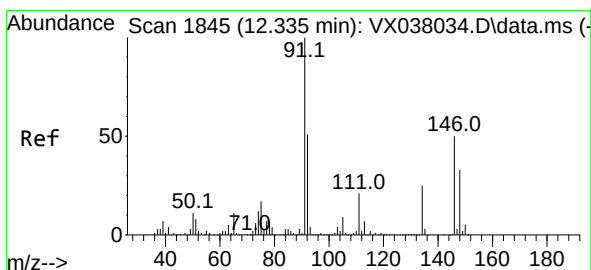
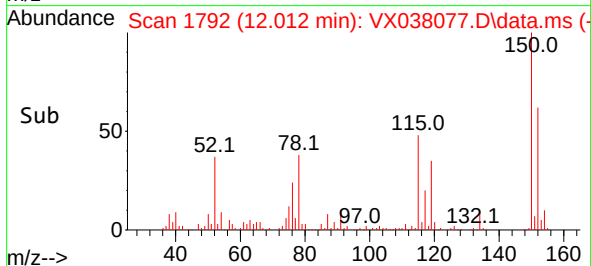
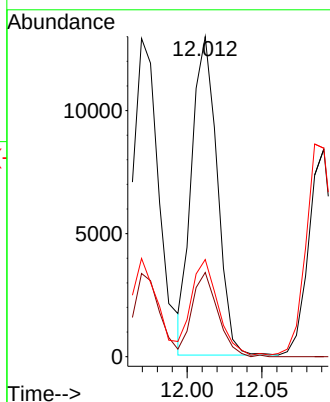
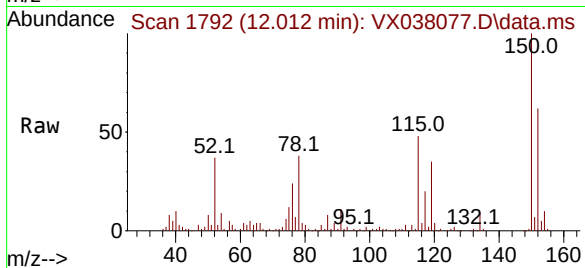
Tgt Ion:119 Resp: 15345

Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.3

91 31.4 13.1 39.3



#89

n-Butylbenzene

Concen: 3.125 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.012 min

Lab File: VX038077.D

Acq: 04 Oct 2023 19:52

Tgt Ion: 91 Resp: 18980

Ion Ratio Lower Upper

91 100

92 29.1 27.4 82.0

134 104.6 12.6 37.8#

