

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038113.D
 Acq On : 05 Oct 2023 21:09
 Operator : JC/MD
 Sample : 04783-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 231003027-03

Quant Time: Oct 06 06:34:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 2023
 Response via : Initial Calibration

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

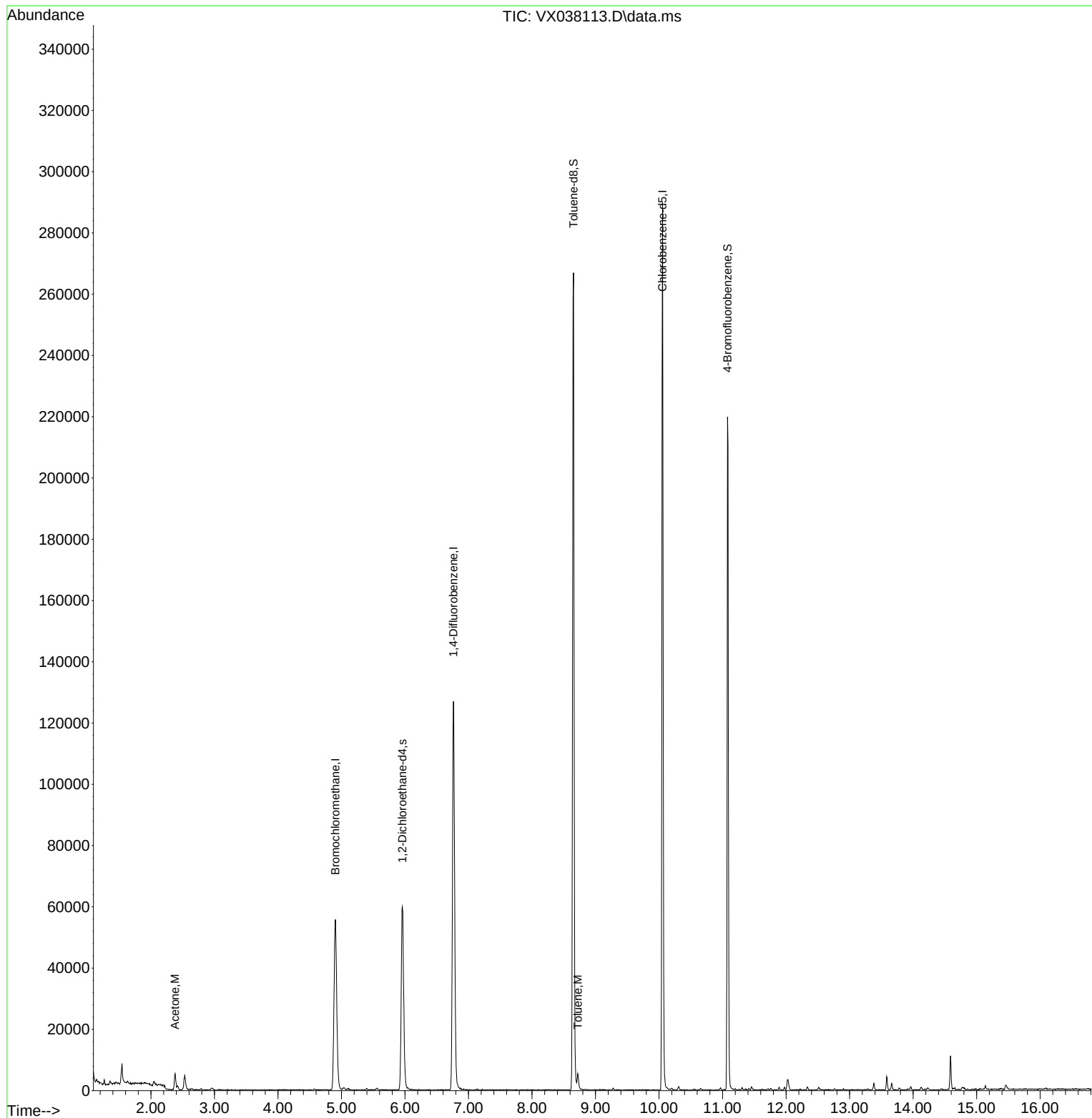
Internal Standards						
1) Bromochloromethane	4.904	128	22976	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	129000	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	123329	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	58002	35.021	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	116.733%#
60) 4-Bromofluorobenzene	11.079	95	56840	28.272	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.233%
63) Toluene-d8	8.653	98	161583	30.350	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.167%
Target Compounds						
					Qvalue	
15) Acetone	2.380	58	1876	9.715	ug/l	89
62) Toluene	8.720	91	3180	0.497	ug/l	91

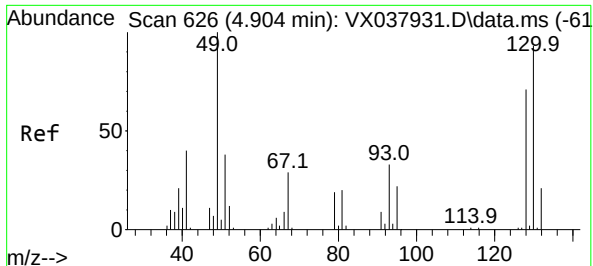
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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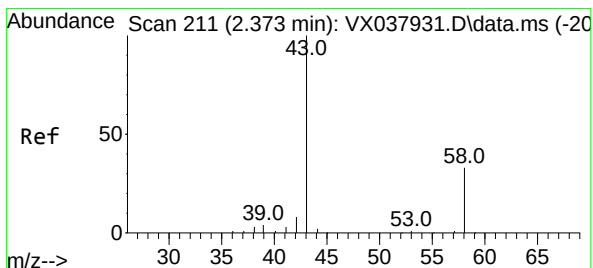
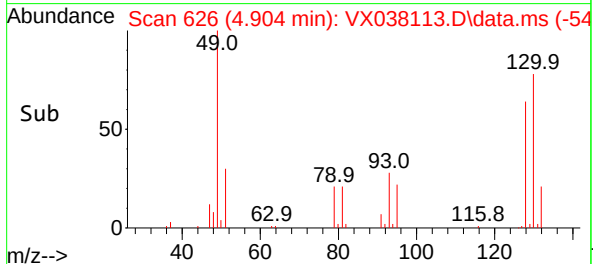
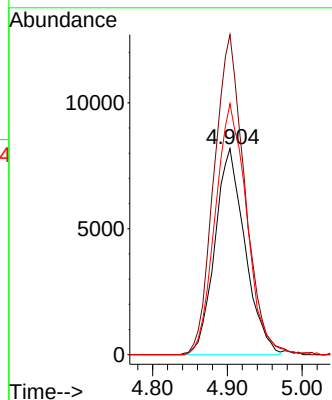
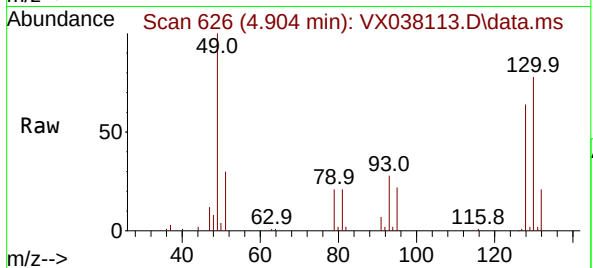




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038113.D
Acq: 05 Oct 2023 21:09

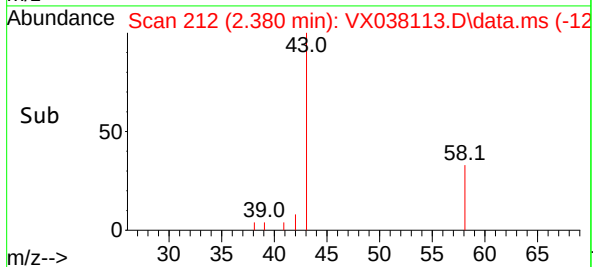
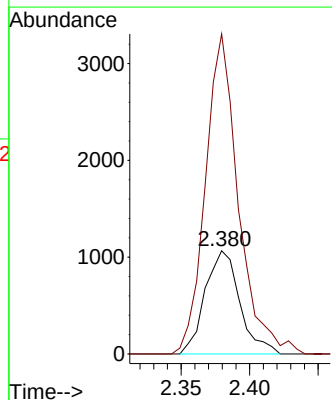
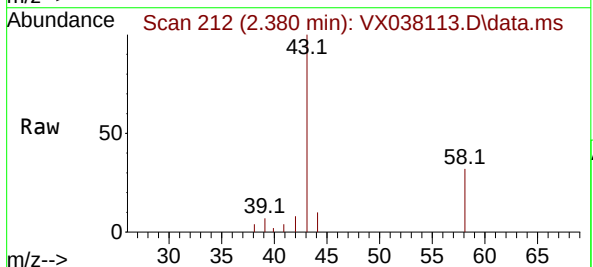
Instrument :
MSVOA_X
ClientSampleId :
231003027-03

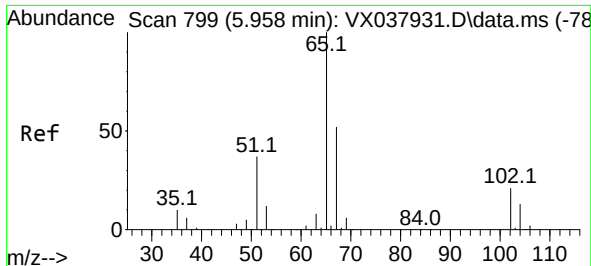
Tgt Ion:128 Resp: 22976
Ion Ratio Lower Upper
128 100
49 157.8 0.0 406.3
130 127.4 0.0 328.0



#15
Acetone
Concen: 9.715 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038113.D
Acq: 05 Oct 2023 21:09

Tgt Ion: 58 Resp: 1876
Ion Ratio Lower Upper
58 100
43 304.2 261.0 391.4





#27

1,2-Dichloroethane-d4

Concen: 35.021 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038113.D

Acq: 05 Oct 2023 21:09

Instrument :

MSVOA_X

ClientSampleId :

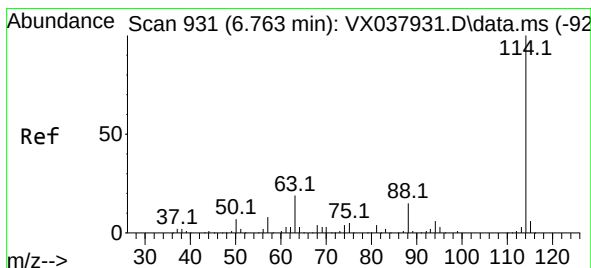
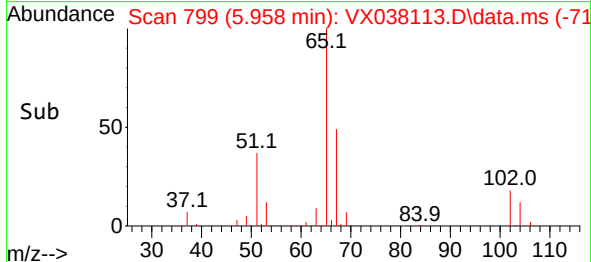
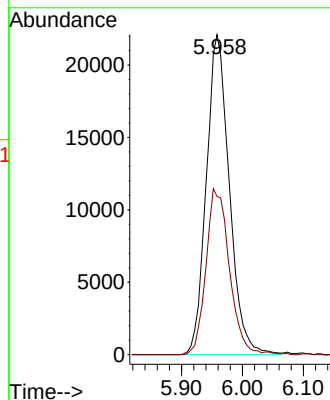
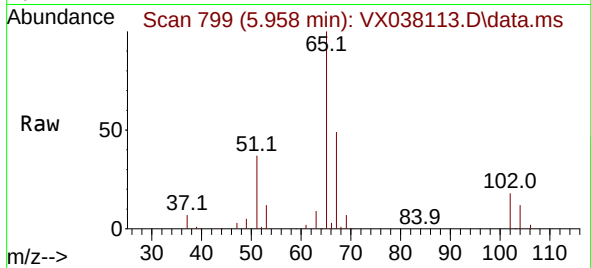
231003027-03

Tgt Ion: 65 Resp: 58002

Ion Ratio Lower Upper

65 100

67 52.4 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038113.D

Acq: 05 Oct 2023 21:09

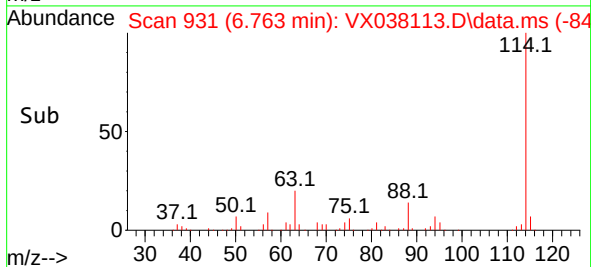
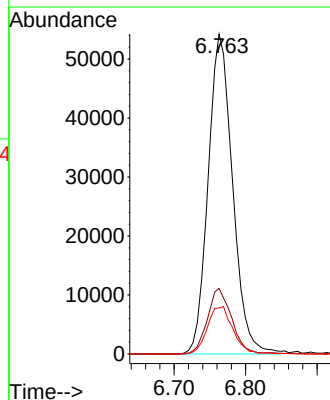
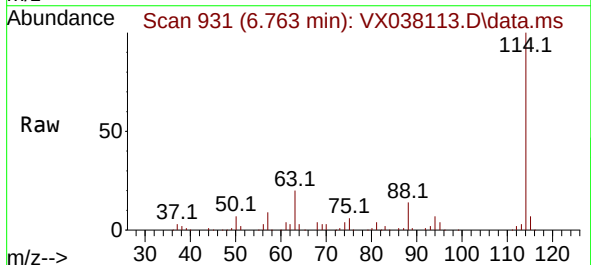
Tgt Ion: 114 Resp: 129000

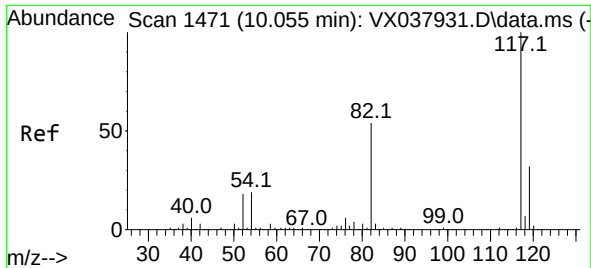
Ion Ratio Lower Upper

114 100

63 20.2 16.6 24.8

88 15.3 12.9 19.3





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038113.D

Acq: 05 Oct 2023 21:09

Instrument :

MSVOA_X

ClientSampleId :

231003027-03

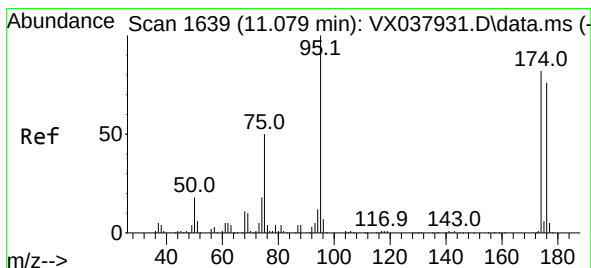
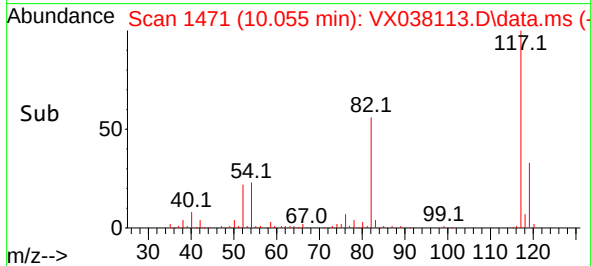
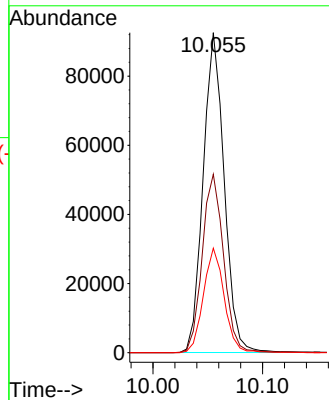
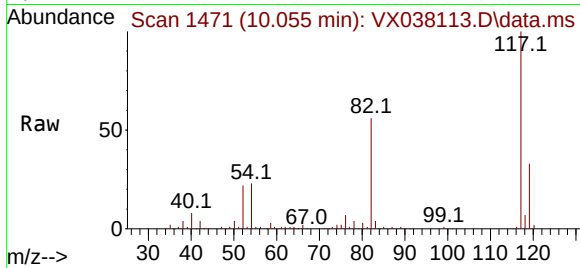
Tgt Ion:117 Resp: 123329

Ion Ratio Lower Upper

117 100

82 56.6 44.7 67.1

119 32.4 25.6 38.4



#60

4-Bromofluorobenzene

Concen: 28.272 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038113.D

Acq: 05 Oct 2023 21:09

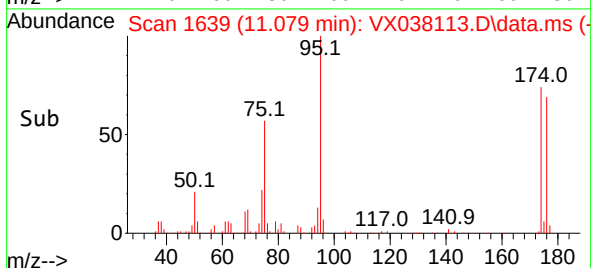
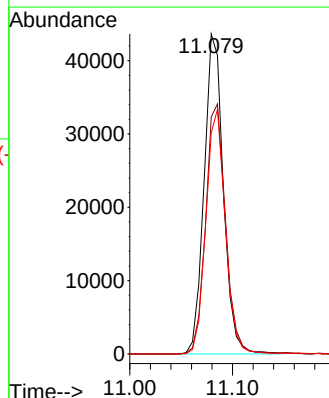
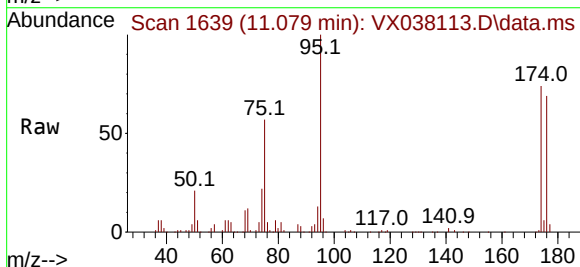
Tgt Ion: 95 Resp: 56840

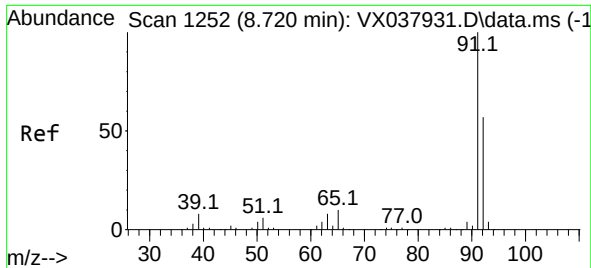
Ion Ratio Lower Upper

95 100

174 80.8 60.5 90.7

176 76.9 58.2 87.4

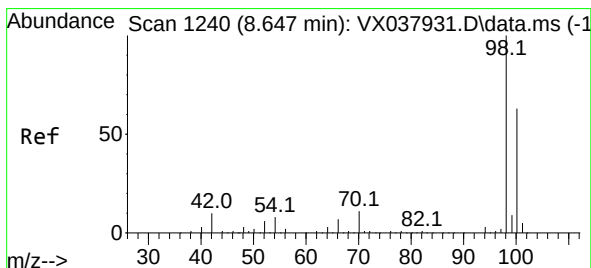
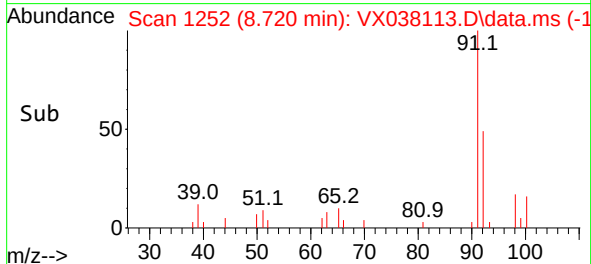
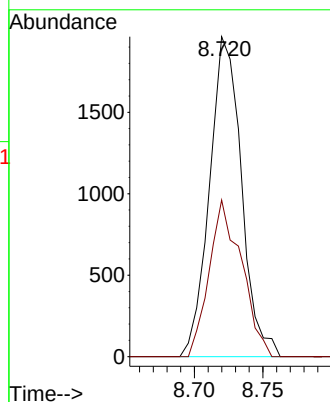
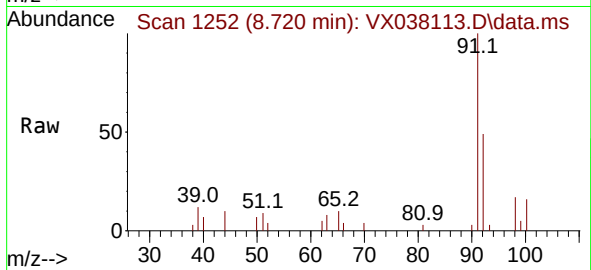




#62
Toluene
Concen: 0.497 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038113.D
Acq: 05 Oct 2023 21:09

Instrument :
MSVOA_X
ClientSampleId :
231003027-03

Tgt Ion: 91 Resp: 3180
Ion Ratio Lower Upper
91 100
92 49.7 44.9 67.3



#63
Toluene-d8
Concen: 30.350 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX038113.D
Acq: 05 Oct 2023 21:09

Tgt Ion: 98 Resp: 161583
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

