

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033783.D
 Acq On : 18 Jan 2023 19:01
 Operator : JC/MD
 Sample : 01186-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP04

Quant Time: Jan 19 03:33:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

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

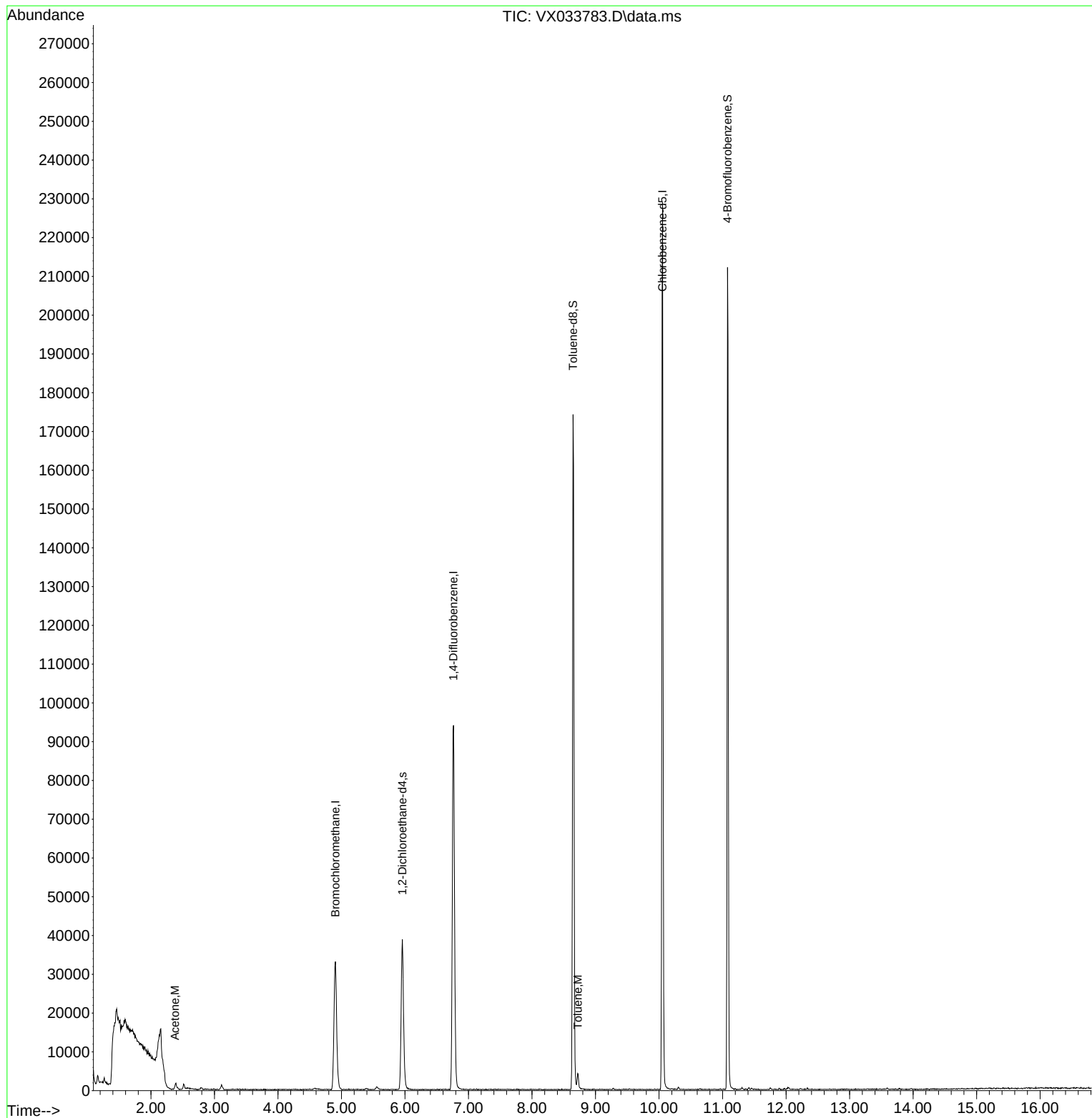
Internal Standards						
1) Bromochloromethane	4.904	128	15040	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	102985	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	109058	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	36661	31.498	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.000%
60) 4-Bromofluorobenzene	11.079	95	55897	28.670	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.567%
63) Toluene-d8	8.647	98	106409	30.582	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.933%
Target Compounds						
					Qvalue	
15) Acetone	2.380	58	503	2.201	ug/l	71
62) Toluene	8.720	91	2839	0.465	ug/l	94

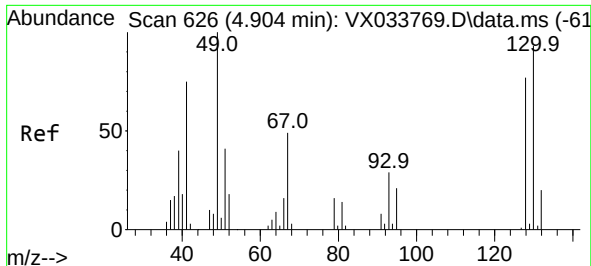
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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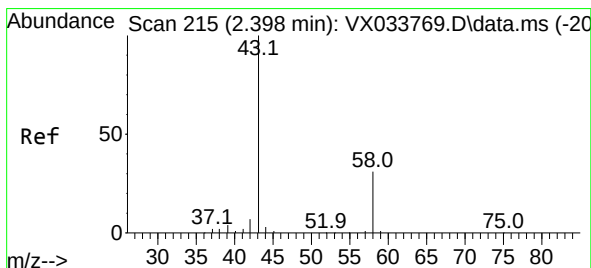
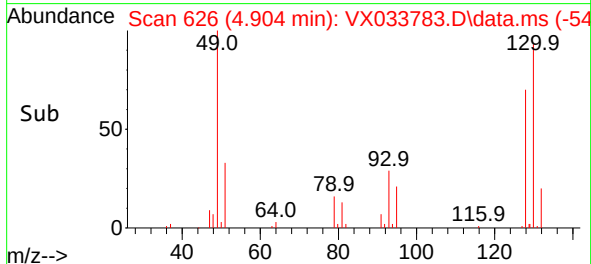
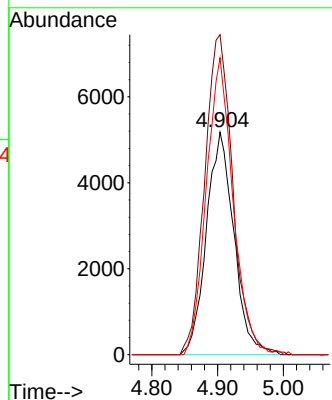
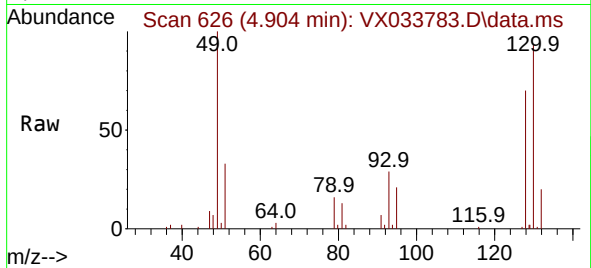




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX033783.D
Acq: 18 Jan 2023 19:01

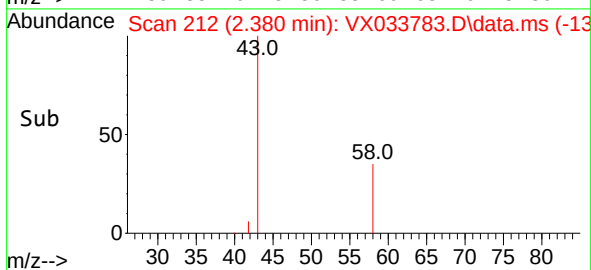
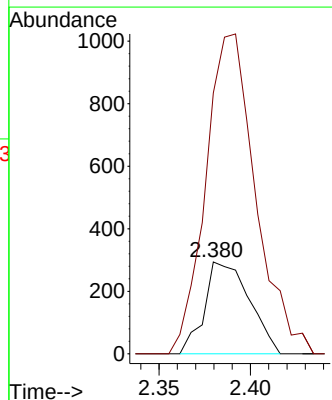
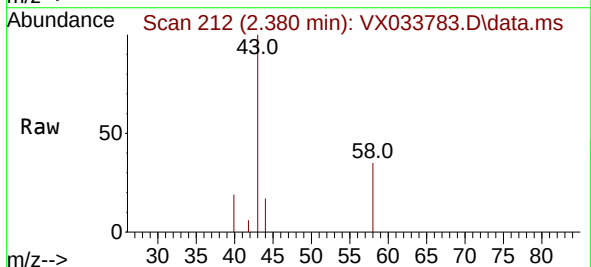
Instrument :
MSVOA_X
ClientSampleId :
TWP04

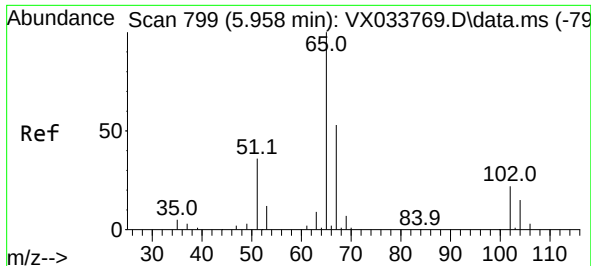
Tgt Ion:128 Resp: 15040
Ion Ratio Lower Upper
128 100
49 147.8 0.0 369.0
130 129.9 0.0 327.5



#15
Acetone
Concen: 2.201 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.018 min
Lab File: VX033783.D
Acq: 18 Jan 2023 19:01

Tgt Ion: 58 Resp: 503
Ion Ratio Lower Upper
58 100
43 262.6 258.6 388.0





#27

1,2-Dichloroethane-d4

Concen: 31.498 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033783.D

Acq: 18 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

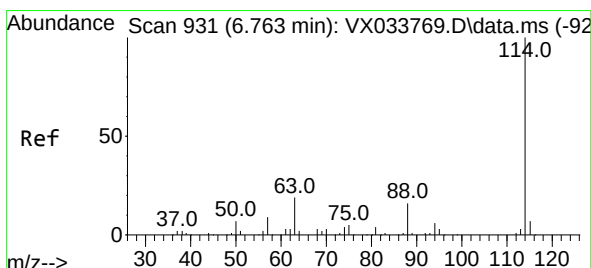
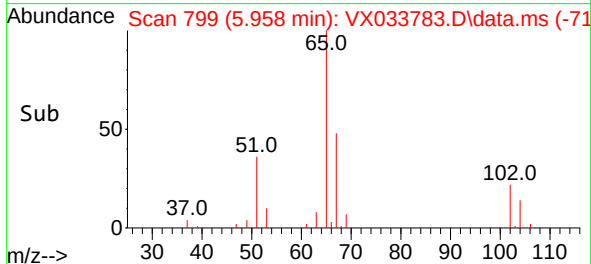
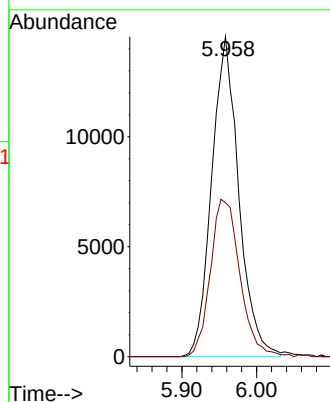
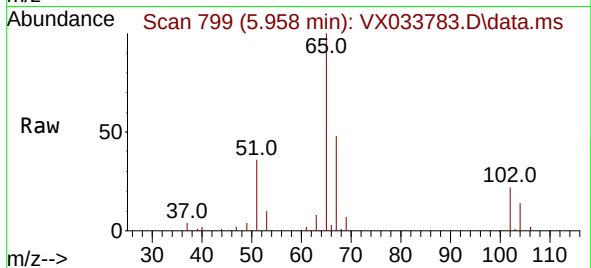
TWP04

Tgt Ion: 65 Resp: 36661

Ion Ratio Lower Upper

65 100

67 53.5 43.0 64.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033783.D

Acq: 18 Jan 2023 19:01

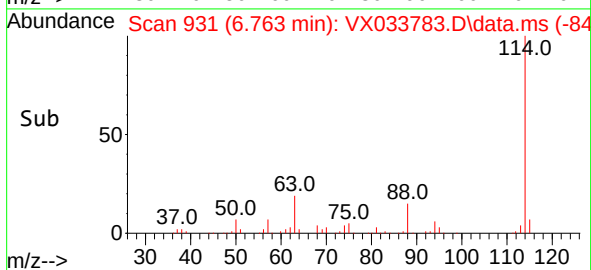
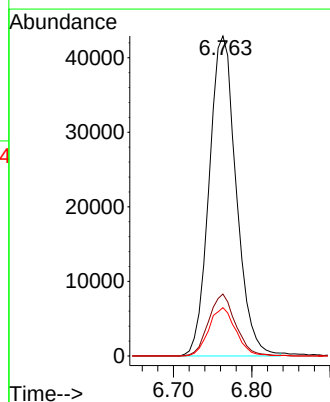
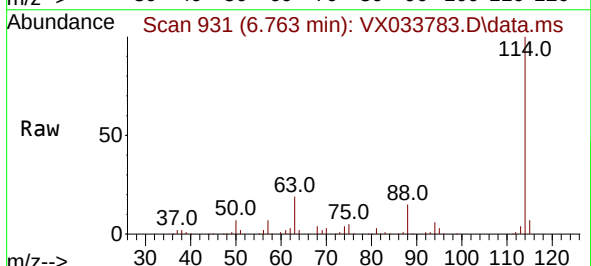
Tgt Ion: 114 Resp: 102985

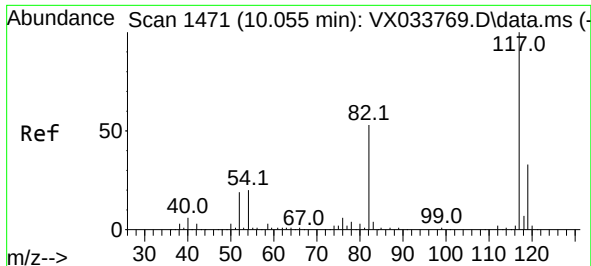
Ion Ratio Lower Upper

114 100

63 19.3 15.2 22.8

88 15.0 12.4 18.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033783.D

Acq: 18 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

TWP04

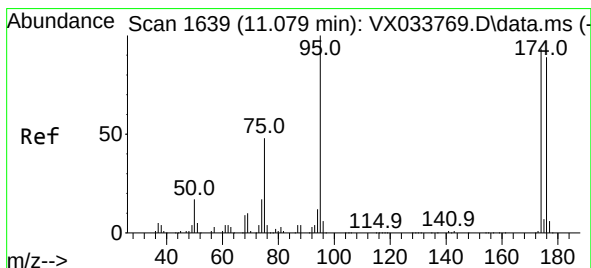
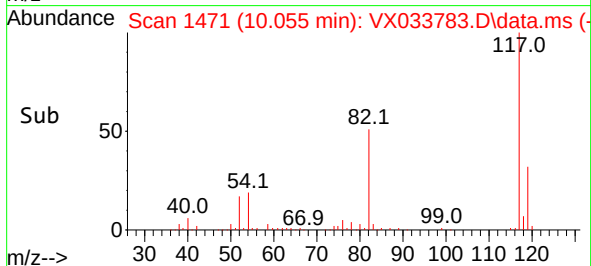
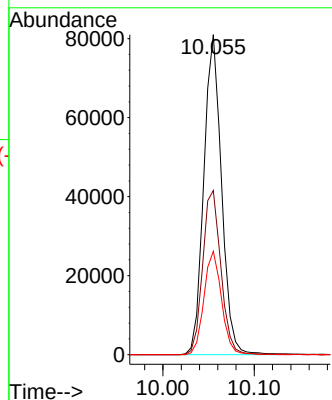
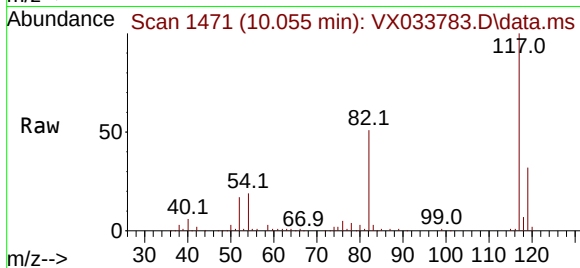
Tgt Ion:117 Resp: 109058

Ion Ratio Lower Upper

117 100

82 52.6 42.6 64.0

119 31.9 26.4 39.6



#60

4-Bromofluorobenzene

Concen: 28.670 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033783.D

Acq: 18 Jan 2023 19:01

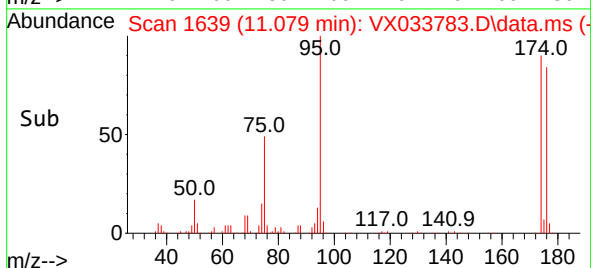
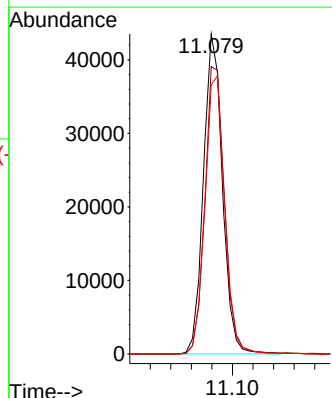
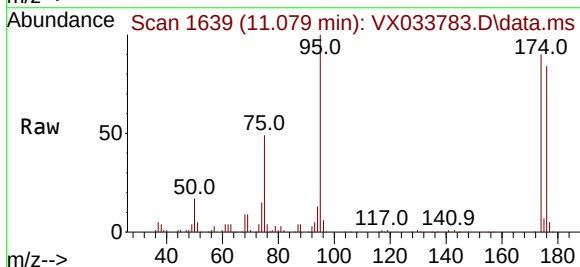
Tgt Ion: 95 Resp: 55897

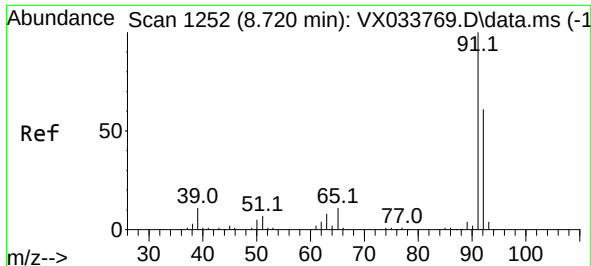
Ion Ratio Lower Upper

95 100

174 93.2 74.6 111.8

176 90.3 72.2 108.2





#62

Toluene

Concen: 0.465 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX033783.D

Acq: 18 Jan 2023 19:01

Instrument :

MSVOA_X

ClientSampleId :

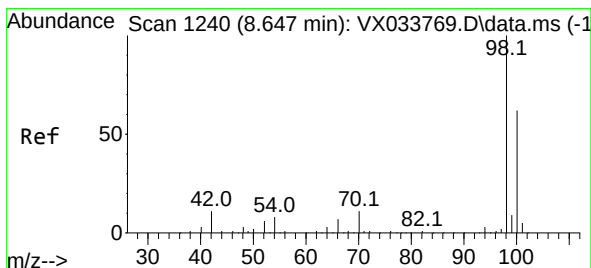
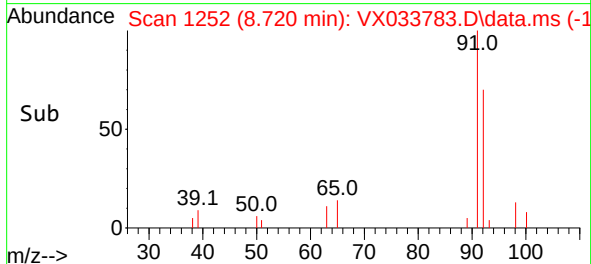
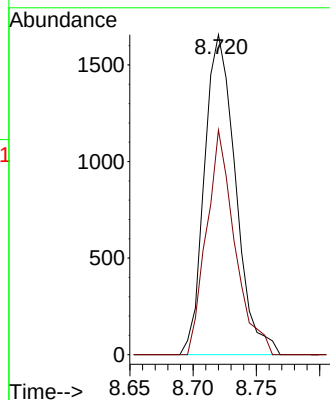
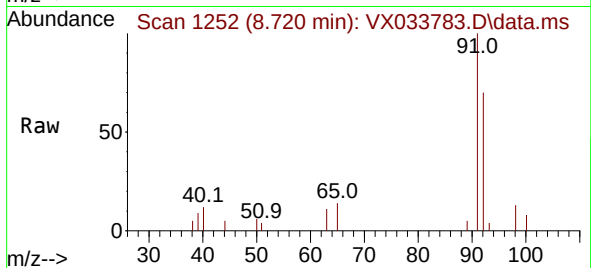
TWP04

Tgt Ion: 91 Resp: 2839

Ion Ratio Lower Upper

91 100

92 63.7 47.5 71.3



#63

Toluene-d8

Concen: 30.582 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX033783.D

Acq: 18 Jan 2023 19:01

Tgt Ion: 98 Resp: 106409

Ion Ratio Lower Upper

98 100

100 66.3 52.7 79.1

