

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042249.D
 Acq On : 09 Jul 2024 16:02
 Operator : JC/MD
 Sample : P3188-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240708009-01

Quant Time: Jul 10 04:58:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

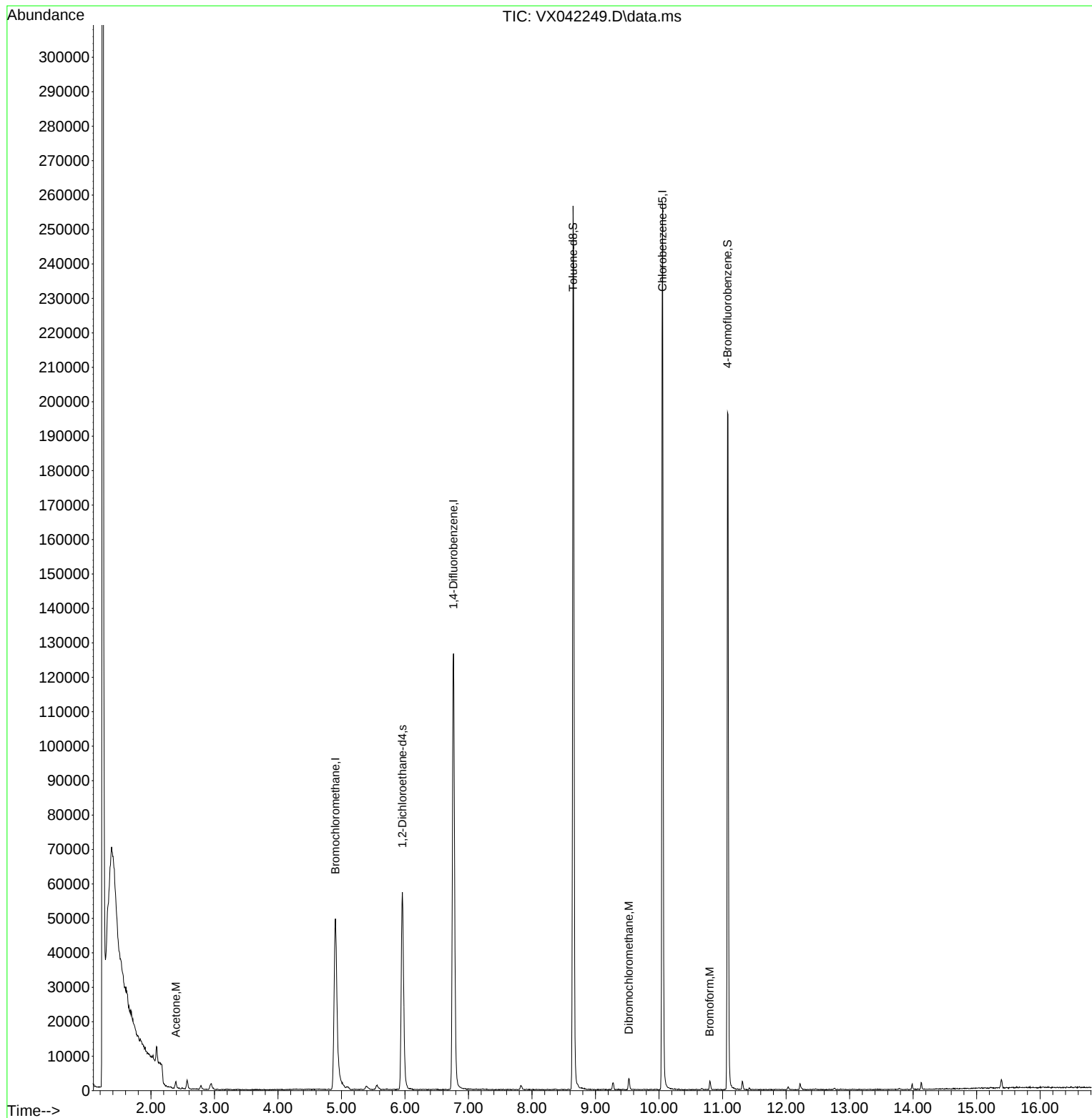
Internal Standards						
1) Bromochloromethane	4.903	128	27307	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	142589	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	130276	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	55696	29.629	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.767%
60) 4-Bromofluorobenzene	11.079	95	54049	26.802	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.333%
63) Toluene-d8	8.647	98	162442	29.145	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.133%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	687	2.378	ug/l	77
53) Dibromochloromethane	9.525	129	1808	1.040	ug/l	97
56) Bromoform	10.799	173	1200	0.847	ug/l #	90

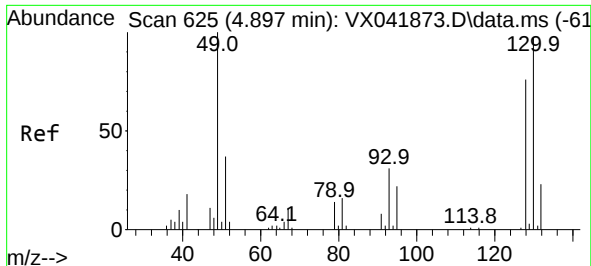
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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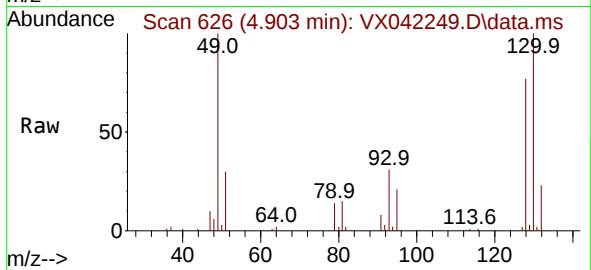
Quant Time: Jul 10 04:58:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
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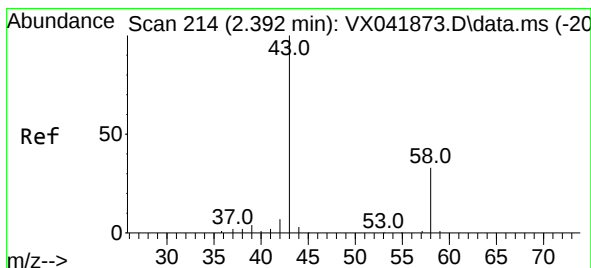
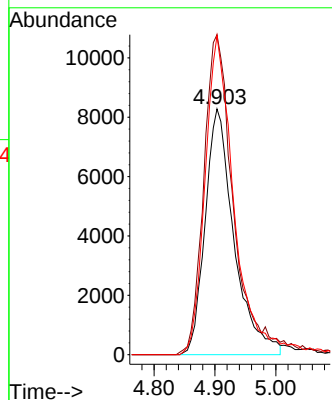
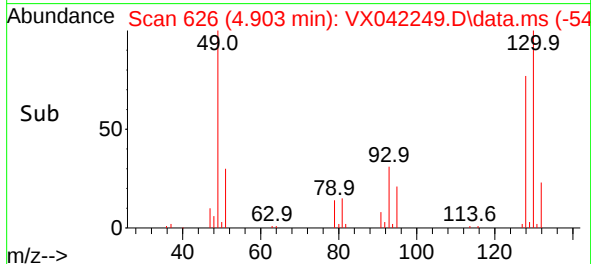


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042249.D
Acq: 09 Jul 2024 16:02

Instrument :
MSVOA_X
ClientSampleId :
240708009-01

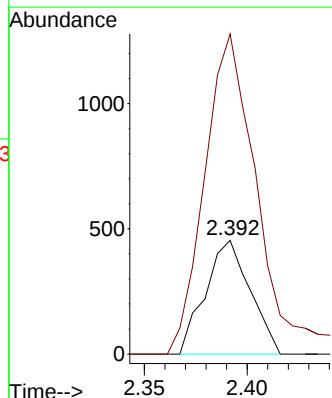
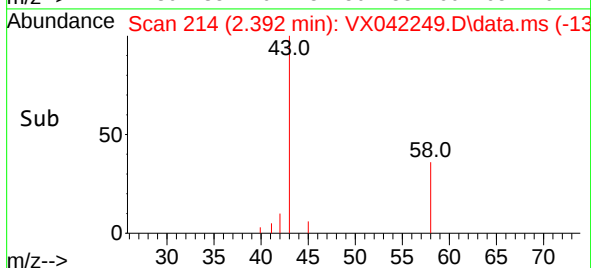
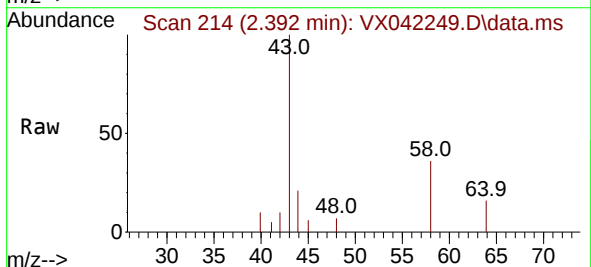


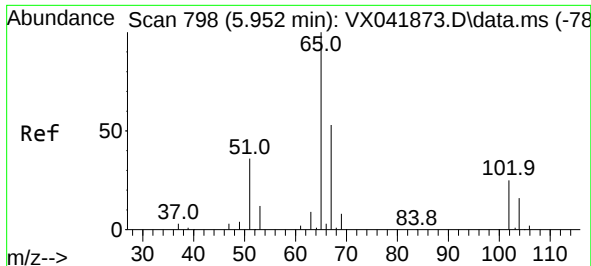
Tgt Ion:128 Resp: 27307
Ion Ratio Lower Upper
128 100
49 128.4 0.0 338.5
130 126.1 0.0 324.5



#15
Acetone
Concen: 2.378 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042249.D
Acq: 09 Jul 2024 16:02

Tgt Ion: 58 Resp: 687
Ion Ratio Lower Upper
58 100
43 258.6 243.4 365.2





#27

1,2-Dichloroethane-d4

Concen: 29.629 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042249.D

Acq: 09 Jul 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

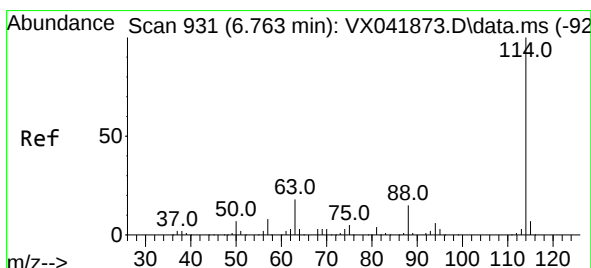
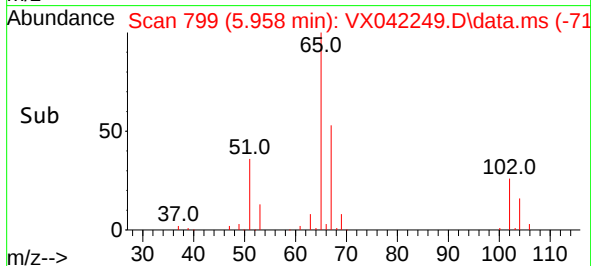
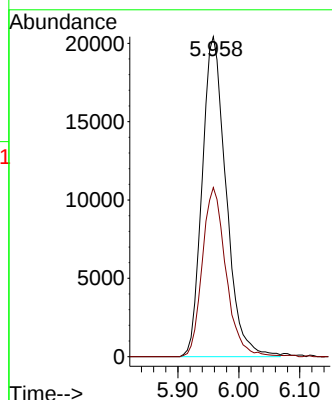
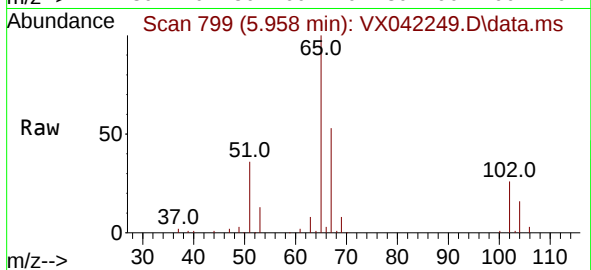
240708009-01

Tgt Ion: 65 Resp: 55696

Ion Ratio Lower Upper

65 100

67 52.2 43.4 65.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042249.D

Acq: 09 Jul 2024 16:02

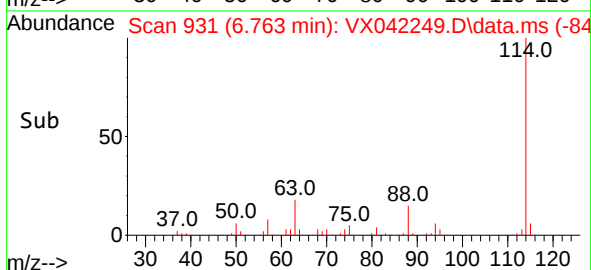
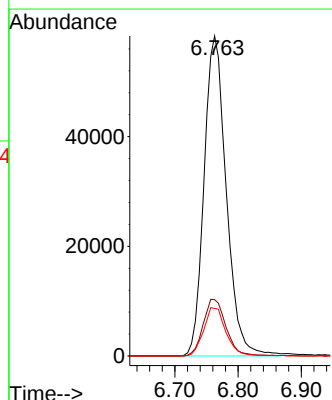
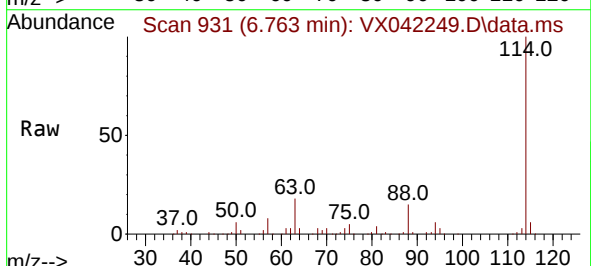
Tgt Ion: 114 Resp: 142589

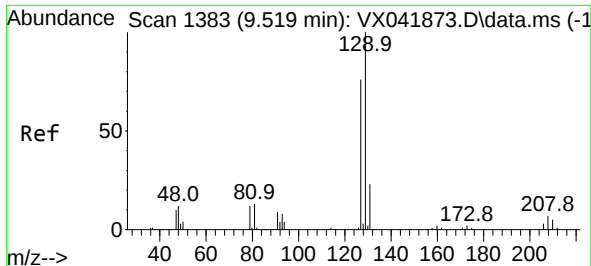
Ion Ratio Lower Upper

114 100

63 18.1 14.6 21.8

88 15.2 11.8 17.8

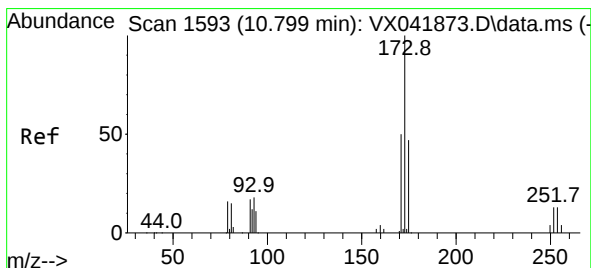
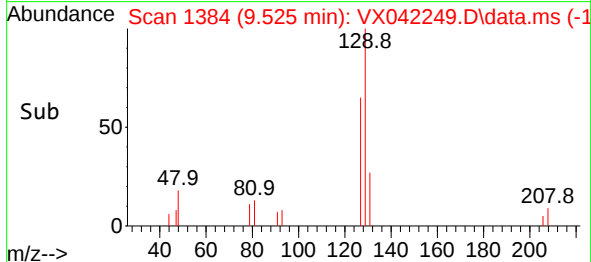
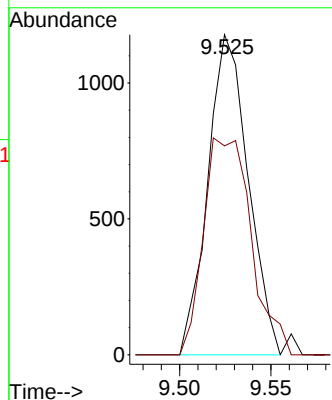
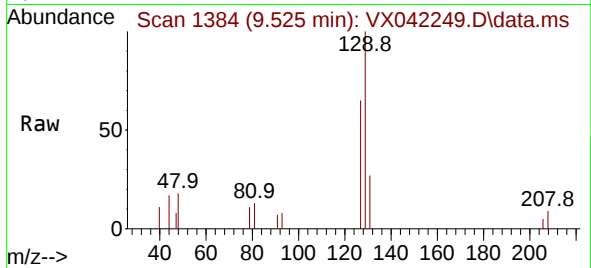




#53
Dibromochloromethane
Concen: 1.040 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX042249.D
Acq: 09 Jul 2024 16:02

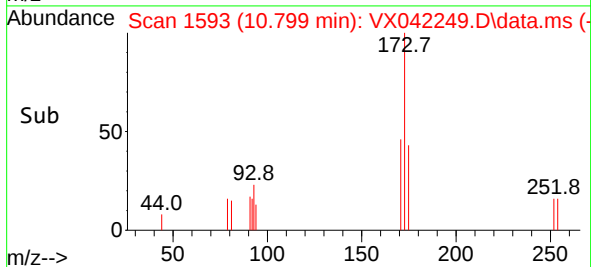
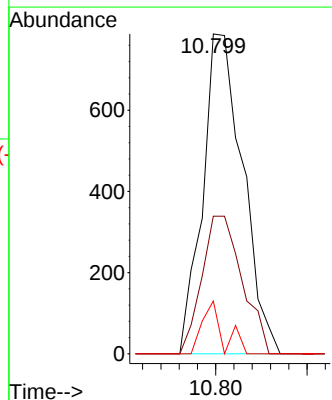
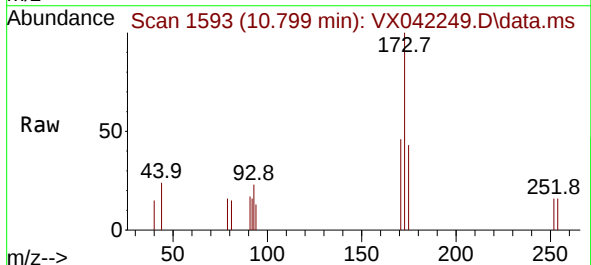
Instrument :
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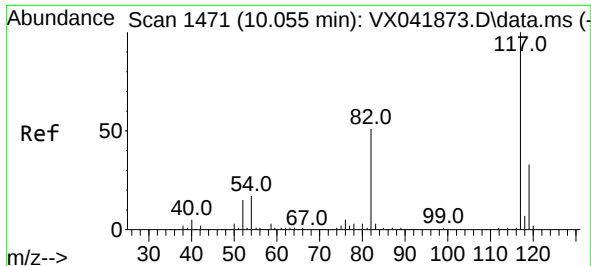
Tgt Ion:129 Resp: 1808
Ion Ratio Lower Upper
129 100
127 79.9 38.8 116.4



#56
Bromoform
Concen: 0.847 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042249.D
Acq: 09 Jul 2024 16:02

Tgt Ion:173 Resp: 1200
Ion Ratio Lower Upper
173 100
175 43.4 39.3 58.9
254 6.4 9.6 14.4#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX042249.D

Acq: 09 Jul 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

240708009-01

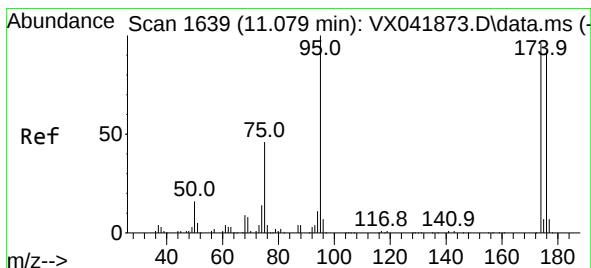
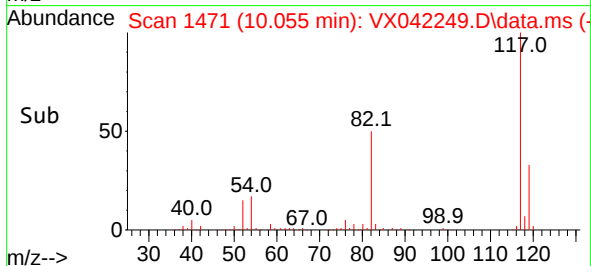
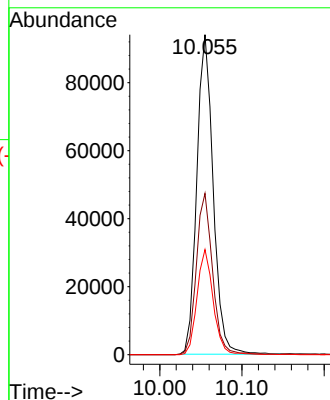
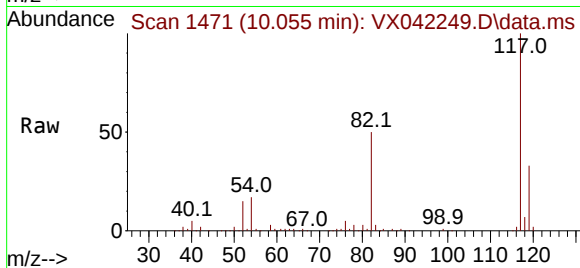
Tgt Ion:117 Resp: 130276

Ion Ratio Lower Upper

117 100

82 50.2 41.1 61.7

119 32.5 26.1 39.1



#60

4-Bromofluorobenzene

Concen: 26.802 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX042249.D

Acq: 09 Jul 2024 16:02

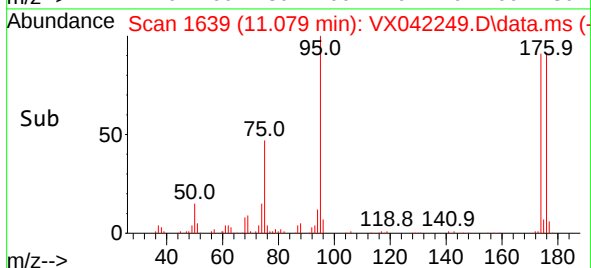
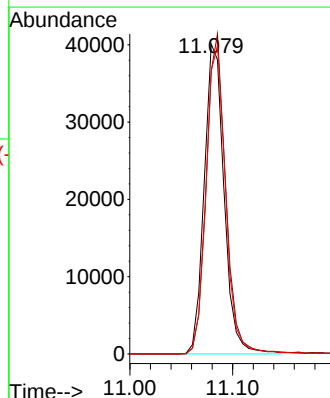
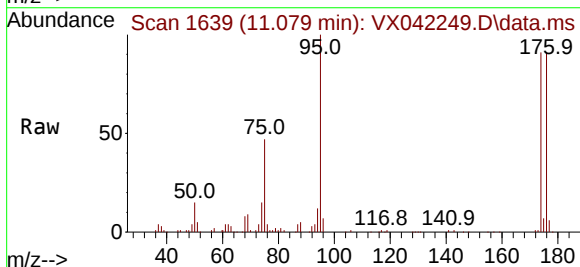
Tgt Ion: 95 Resp: 54049

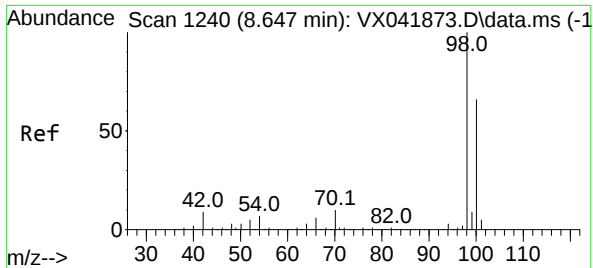
Ion Ratio Lower Upper

95 100

174 101.1 78.9 118.3

176 98.1 77.1 115.7





#63

Toluene-d8

Concen: 29.145 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042249.D

Acq: 09 Jul 2024 16:02

Instrument :

MSVOA_X

ClientSampleId :

240708009-01

Tgt Ion: 98 Resp: 162442

Ion Ratio Lower Upper

98 100

100 66.6 52.7 79.1

