

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042246.D
 Acq On : 09 Jul 2024 13:43
 Operator : JC/MD
 Sample : P3161-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240702102-03

Quant Time: Jul 10 04:57:27 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)

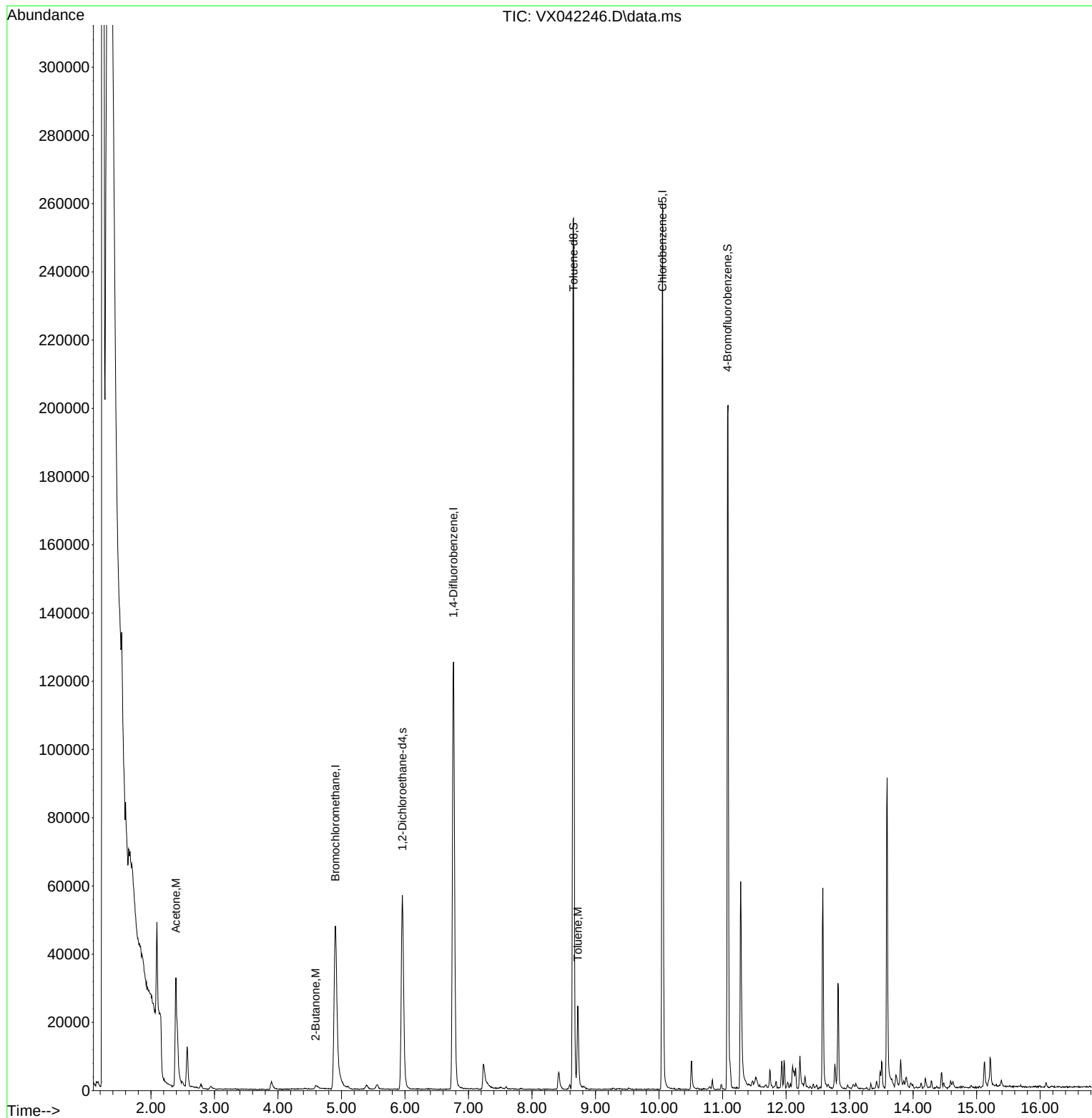
Internal Standards						
1) Bromochloromethane	4.904	128	26607	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	141757	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	128717	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	53679	29.307	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.700%
60) 4-Bromofluorobenzene	11.079	95	55421	27.816	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.733%
63) Toluene-d8	8.653	98	163128	29.622	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.733%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	11812	41.963	ug/l	93
30) 2-Butanone	4.593	43	2800	2.265	ug/l #	68
62) Toluene	8.720	91	17133	2.630	ug/l	100

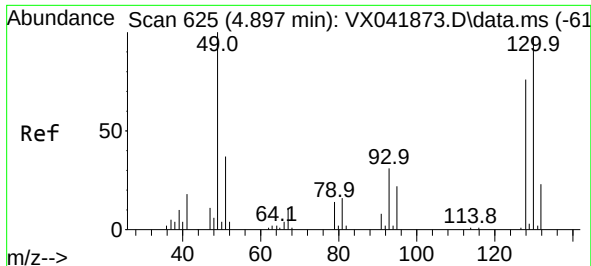
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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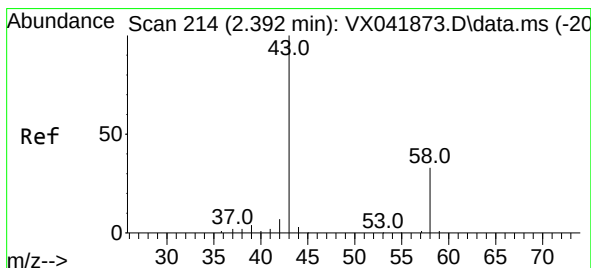
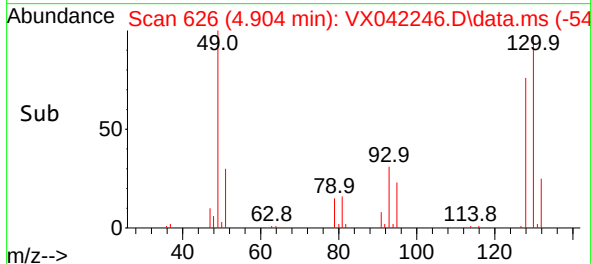
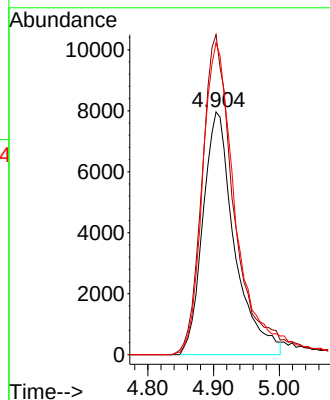
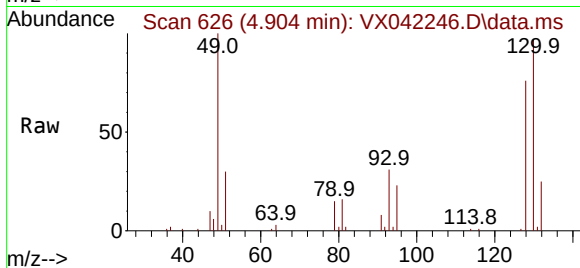




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042246.D
Acq: 09 Jul 2024 13:43

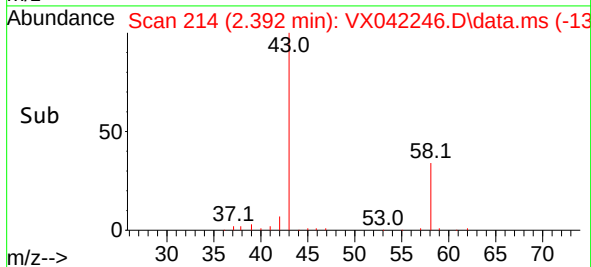
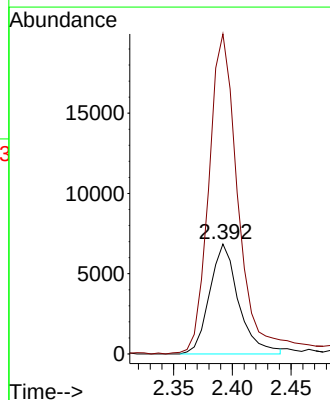
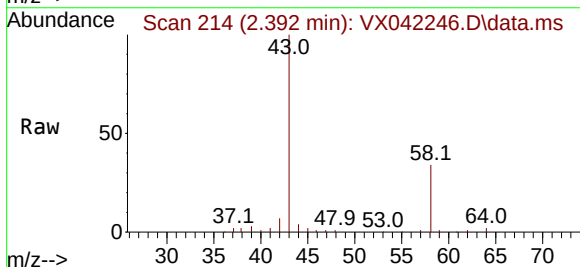
Instrument :
MSVOA_X
ClientSampleId :
240702102-03

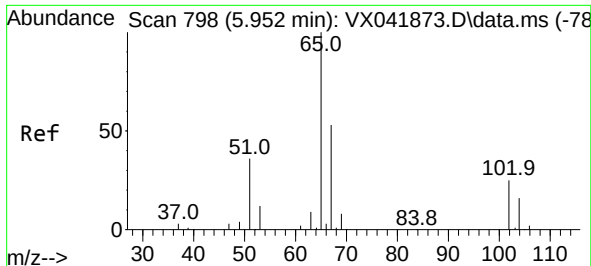
Tgt Ion:	128	Resp:	26607
Ion	Ratio	Lower	Upper
128	100		
49	136.4	0.0	338.5
130	135.6	0.0	324.5



#15
Acetone
Concen: 41.963 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042246.D
Acq: 09 Jul 2024 13:43

Tgt Ion:	58	Resp:	11812
Ion	Ratio	Lower	Upper
58	100		
43	289.8	243.4	365.2

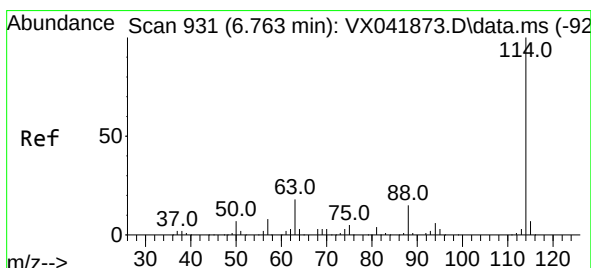
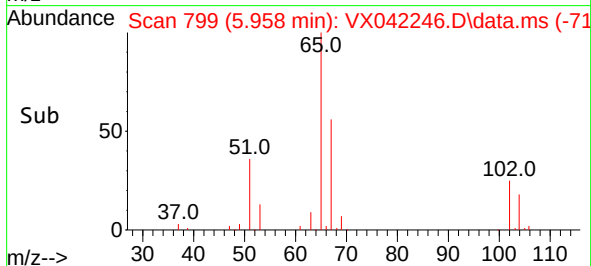
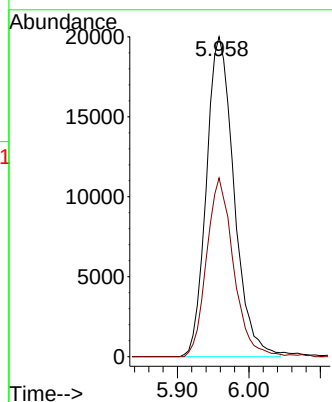
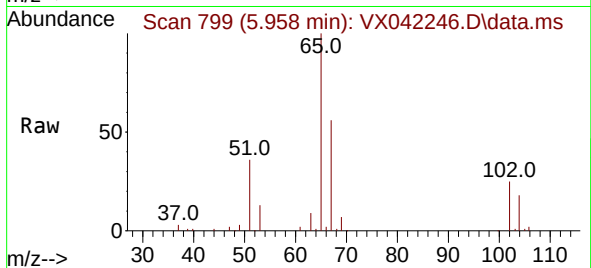




#27
1,2-Dichloroethane-d4
Concen: 29.307 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042246.D
Acq: 09 Jul 2024 13:43

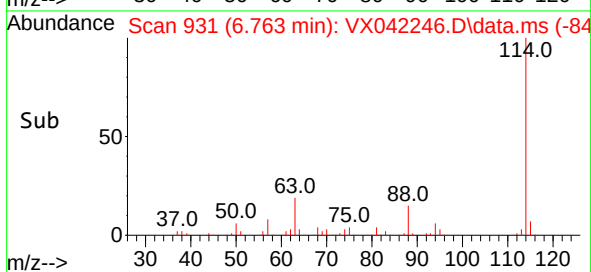
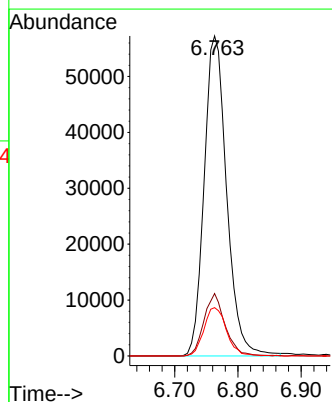
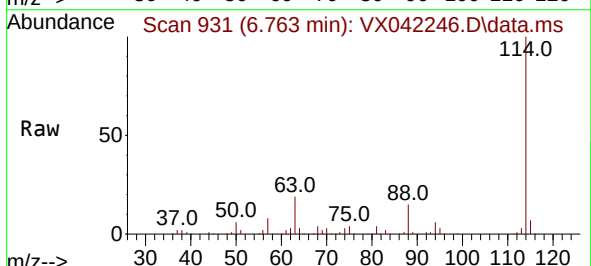
Instrument :
MSVOA_X
ClientSampleId :
240702102-03

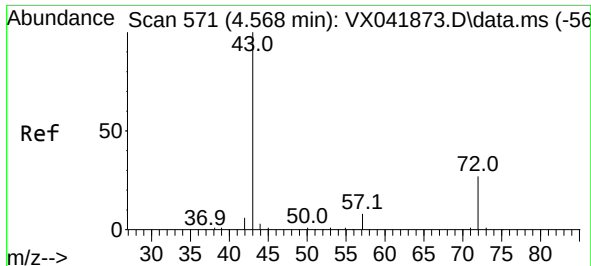
Tgt Ion: 65 Resp: 53679
Ion Ratio Lower Upper
65 100
67 54.4 43.4 65.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042246.D
Acq: 09 Jul 2024 13:43

Tgt Ion: 114 Resp: 141757
Ion Ratio Lower Upper
114 100
63 18.3 14.6 21.8
88 15.1 11.8 17.8





#30

2-Butanone

Concen: 2.265 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX042246.D

Acq: 09 Jul 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

240702102-03

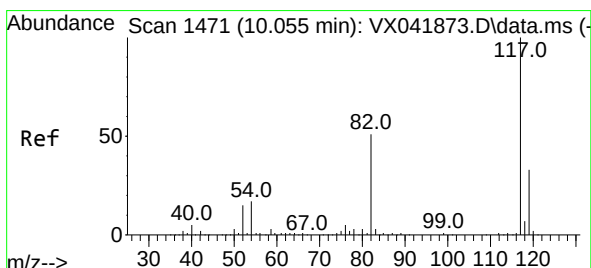
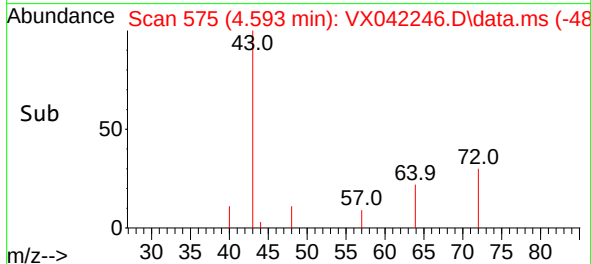
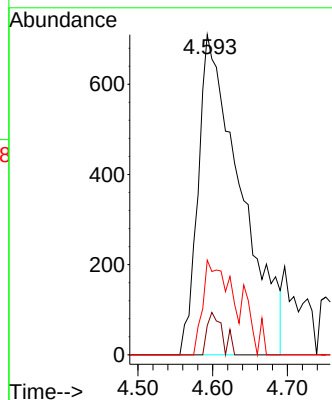
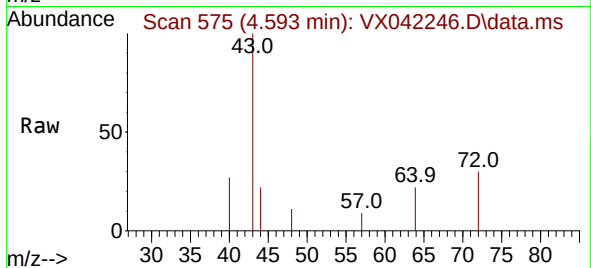
Tgt Ion: 43 Resp: 2800

Ion Ratio Lower Upper

43 100

57 4.0 6.5 9.7#

72 7.3 22.0 33.0#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042246.D

Acq: 09 Jul 2024 13:43

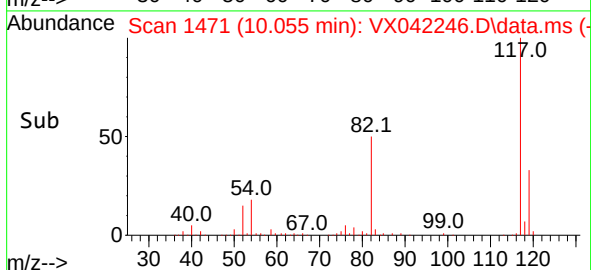
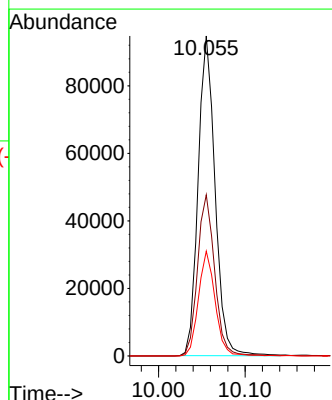
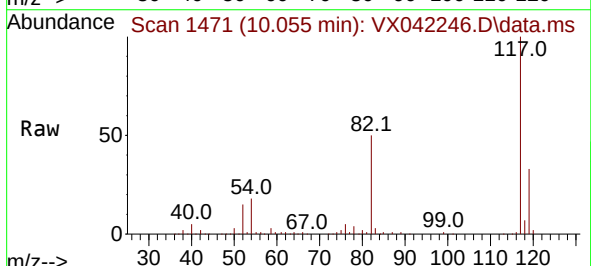
Tgt Ion: 117 Resp: 128717

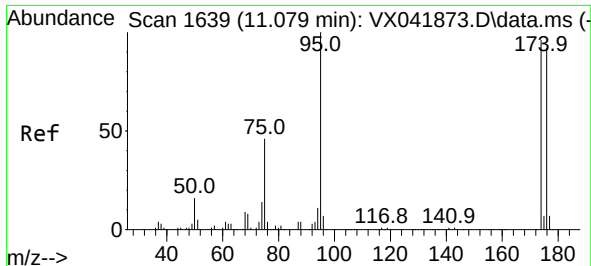
Ion Ratio Lower Upper

117 100

82 51.1 41.1 61.7

119 32.2 26.1 39.1

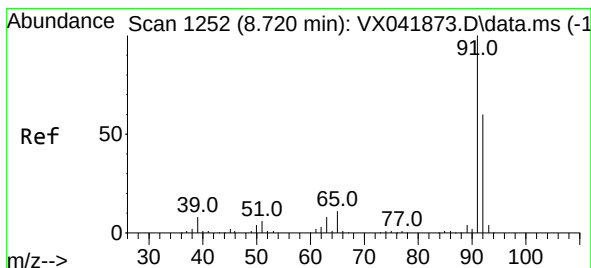
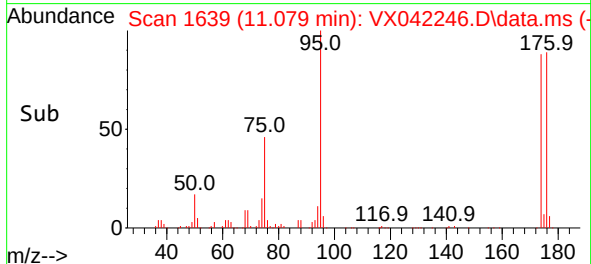
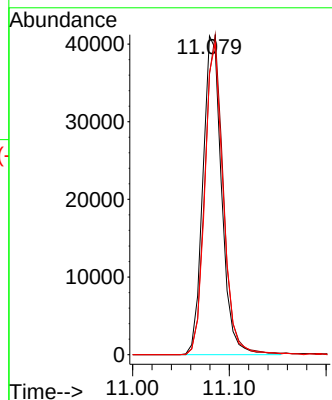
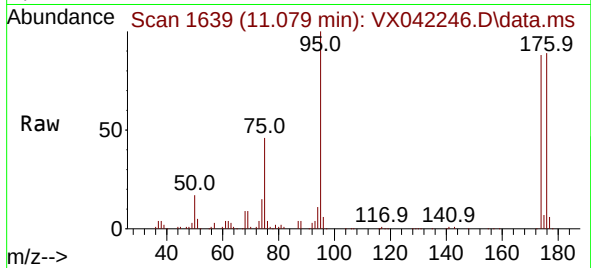




#60
4-Bromofluorobenzene
Concen: 27.816 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042246.D
Acq: 09 Jul 2024 13:43

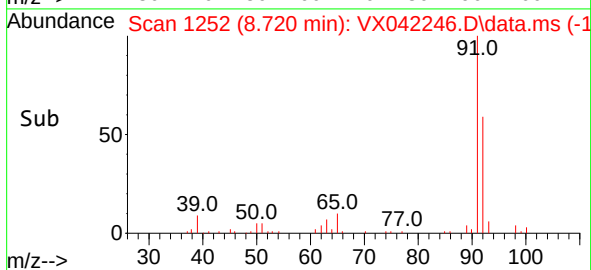
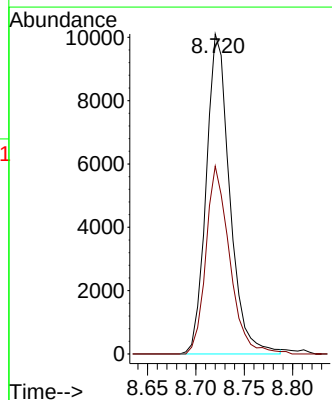
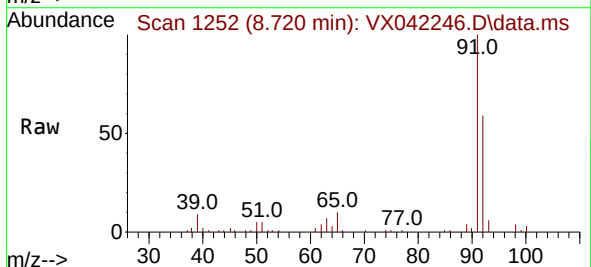
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240702102-03

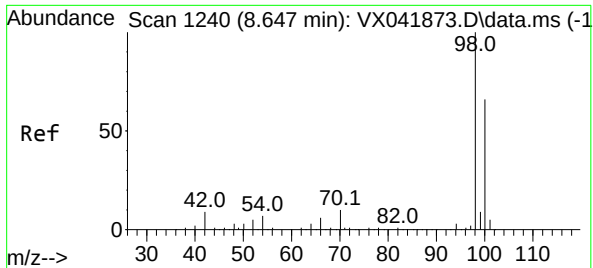
Tgt Ion: 95 Resp: 55421
Ion Ratio Lower Upper
95 100
174 98.8 78.9 118.3
176 96.2 77.1 115.7



#62
Toluene
Concen: 2.630 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042246.D
Acq: 09 Jul 2024 13:43

Tgt Ion: 91 Resp: 17133
Ion Ratio Lower Upper
91 100
92 59.2 47.4 71.2





#63

Toluene-d8

Concen: 29.622 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042246.D

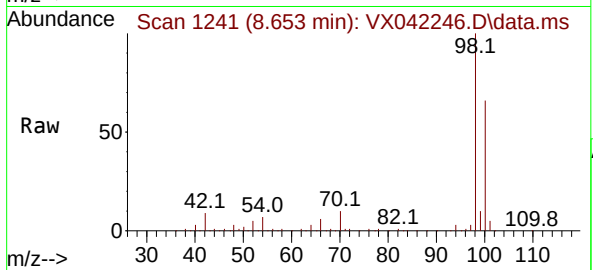
Acq: 09 Jul 2024 13:43

Instrument :

MSVOA_X

ClientSampleId :

240702102-03



Tgt Ion: 98 Resp: 163128

Ion Ratio Lower Upper

98 100

100 66.8 52.7 79.1

