

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051624\
 Data File : VX041568.D
 Acq On : 16 May 2024 17:01
 Operator : JC/MD
 Sample : P2507-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240508039-01

Quant Time: May 17 02:41:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

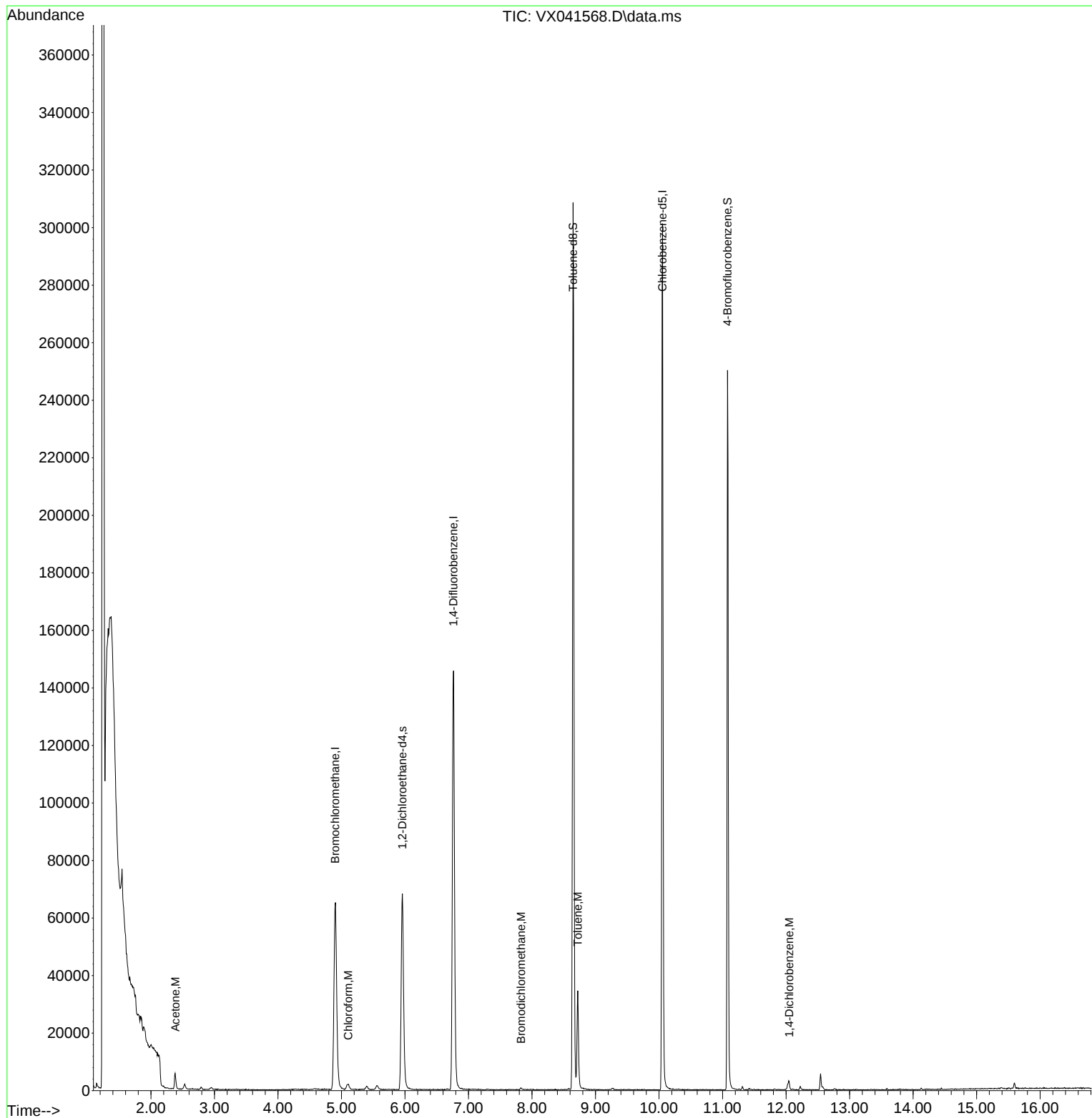
Internal Standards						
1) Bromochloromethane	4.898	128	29952	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	151808	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	144146	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	66886	28.357	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.533%
60) 4-Bromofluorobenzene	11.079	95	61472	27.318	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.067%
63) Toluene-d8	8.647	98	181837	29.428	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.100%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	1696	6.238	ug/l #	66
25) Chloroform	5.105	83	2374m	0.695	ug/l	
41) Bromodichloromethane	7.830	83	460	0.208	ug/l #	67
62) Toluene	8.720	91	23056	3.215	ug/l	99
84) 1,4-Dichlorobenzene	12.049	146	1244	0.295	ug/l	97

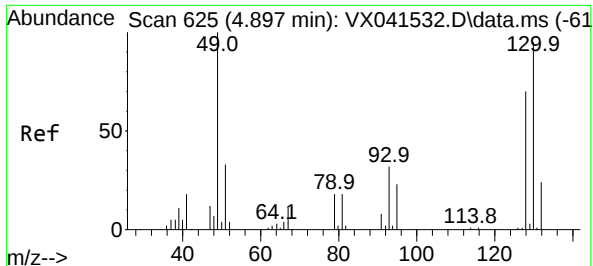
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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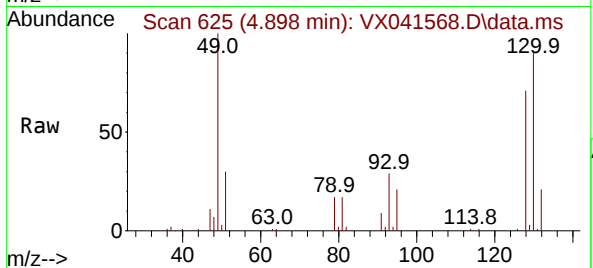
Quant Time: May 17 02:41:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
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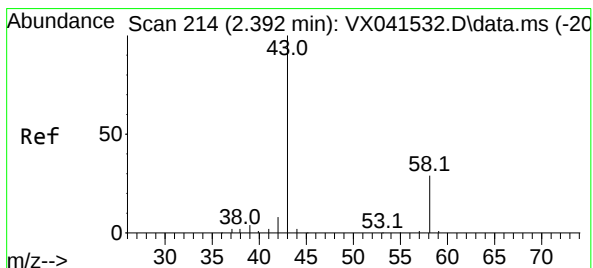
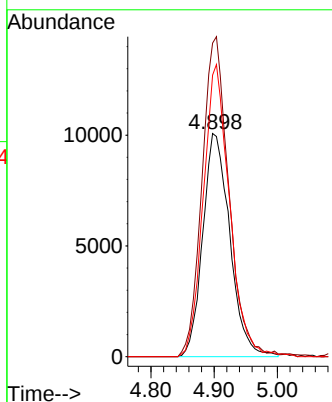
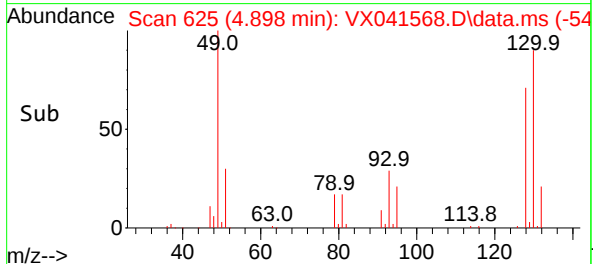


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX041568.D
Acq: 16 May 2024 17:01

Instrument :
MSVOA_X
ClientSampleId :
240508039-01

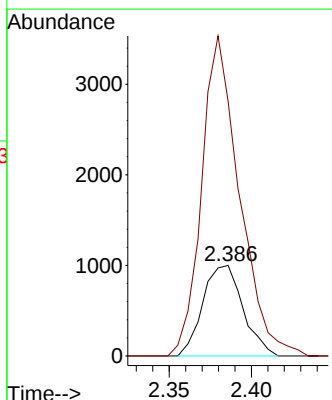
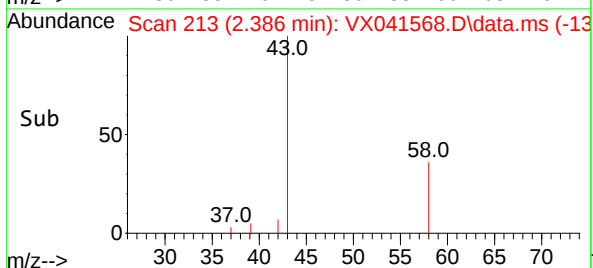
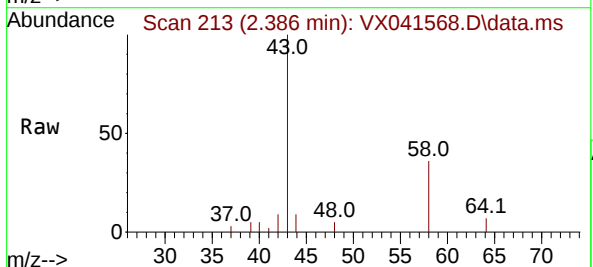


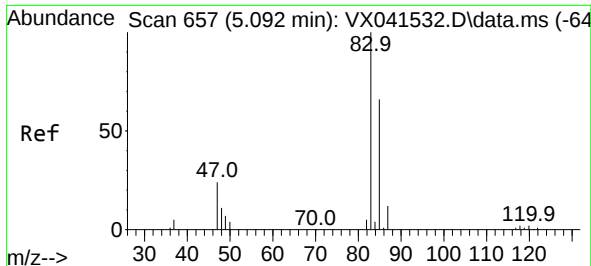
Tgt Ion:	128	Resp:	29952
Ion	Ratio	Lower	Upper
128	100		
49	141.6	0.0	361.5
130	125.9	0.0	324.3



#15
Acetone
Concen: 6.238 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041568.D
Acq: 16 May 2024 17:01

Tgt Ion:	58	Resp:	1696
Ion	Ratio	Lower	Upper
58	100		
43	269.2	274.0	411.0#

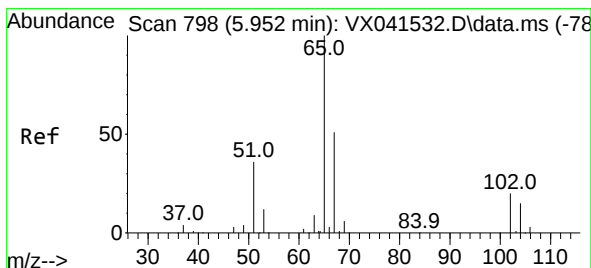
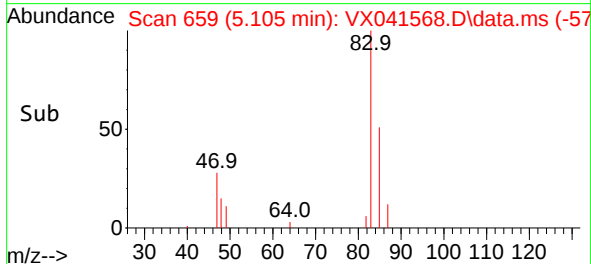
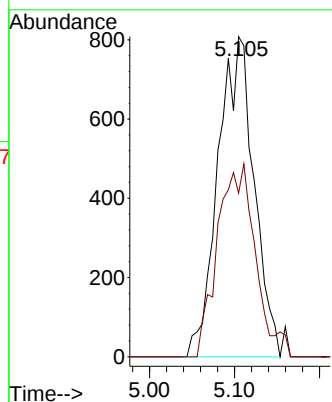
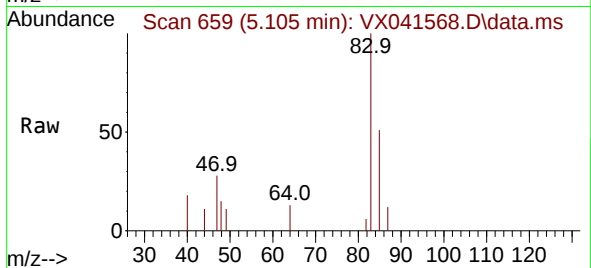




#25
Chloroform
Concen: 0.695 ug/l m
RT: 5.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX041568.D
Acq: 16 May 2024 17:01

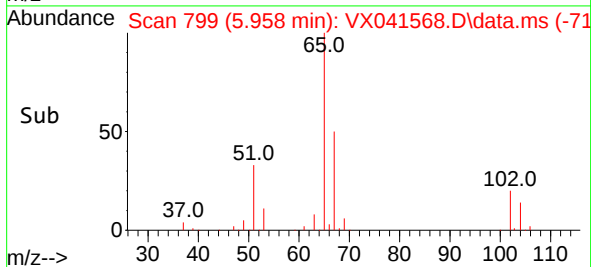
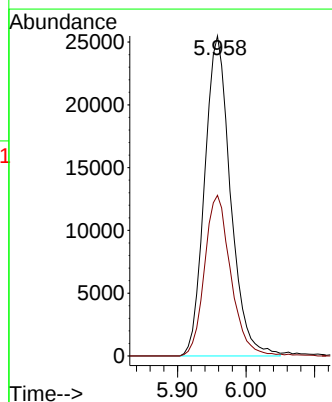
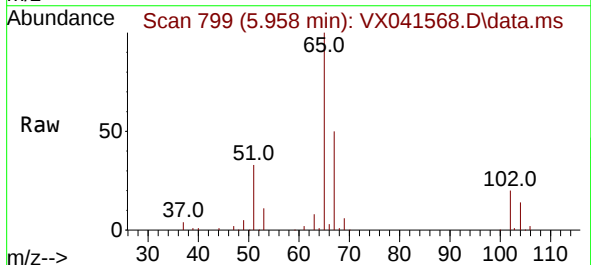
Instrument :
MSVOA_X
ClientSampleId :
240508039-01

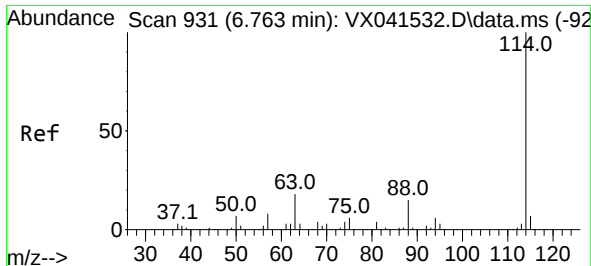
Tgt Ion: 83 Resp: 2374
Ion Ratio Lower Upper
83 100
85 51.1 52.9 79.3#



#27
1,2-Dichloroethane-d4
Concen: 28.357 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041568.D
Acq: 16 May 2024 17:01

Tgt Ion: 65 Resp: 66886
Ion Ratio Lower Upper
65 100
67 51.0 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX041568.D

Acq: 16 May 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

240508039-01

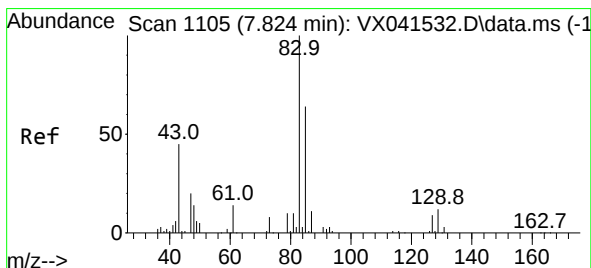
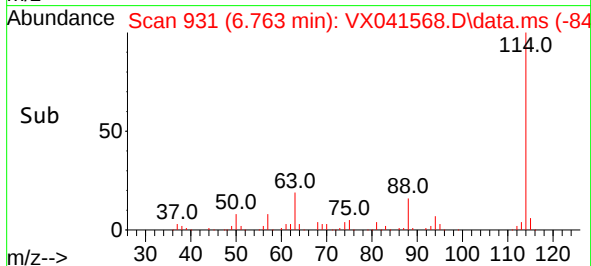
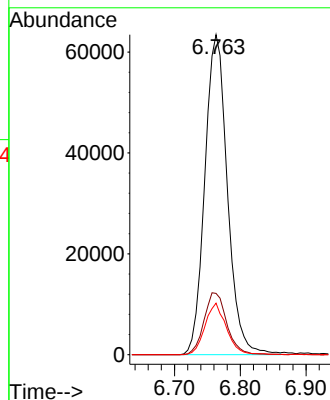
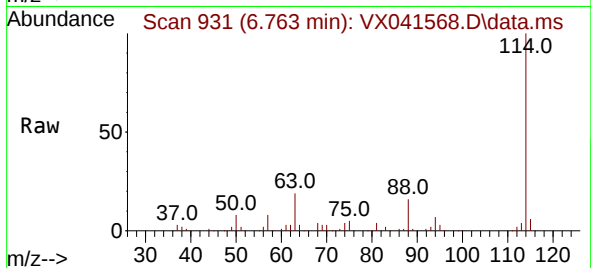
Tgt Ion:114 Resp: 151808

Ion Ratio Lower Upper

114 100

63 19.4 15.4 23.0

88 15.2 12.2 18.2



#41

Bromodichloromethane

Concen: 0.208 ug/l

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX041568.D

Acq: 16 May 2024 17:01

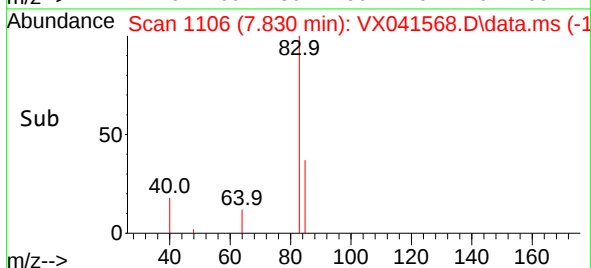
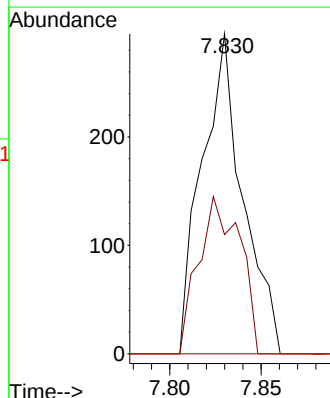
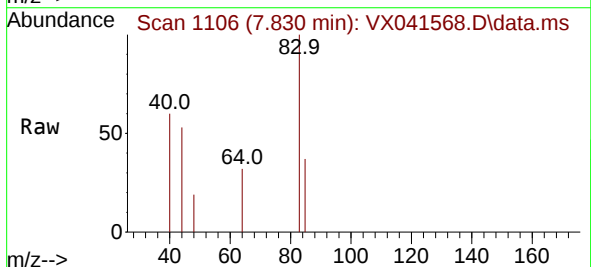
Tgt Ion: 83 Resp: 460

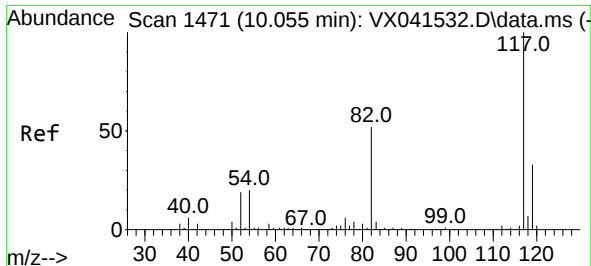
Ion Ratio Lower Upper

83 100

85 37.3 51.0 76.4#

127 0.0 7.1 10.7#

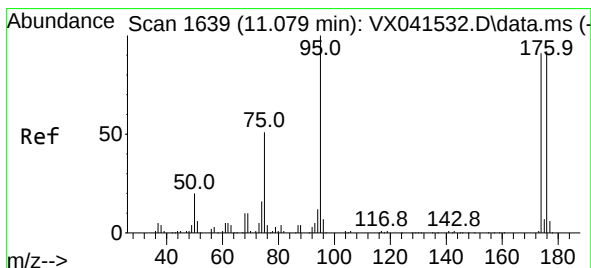
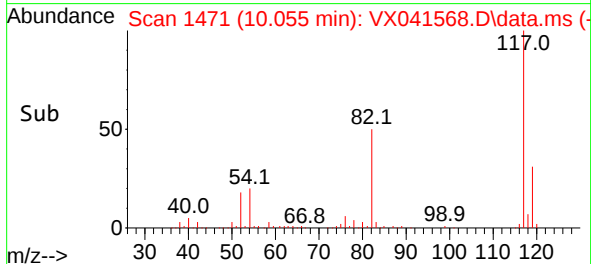
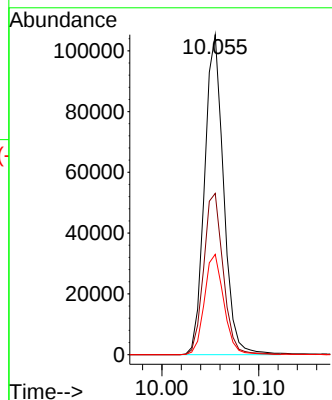
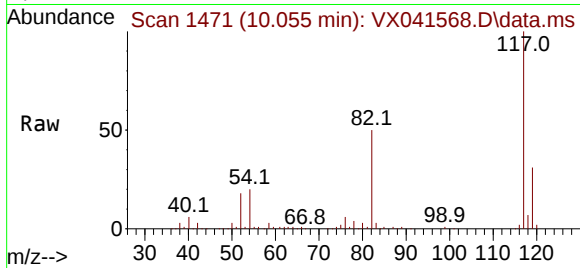




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041568.D
Acq: 16 May 2024 17:01

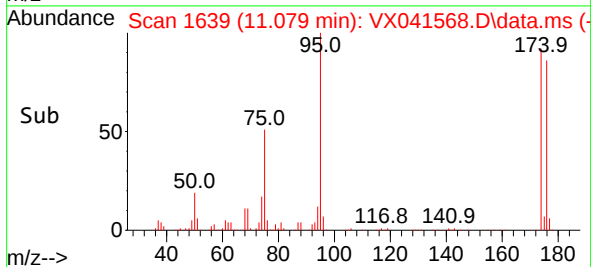
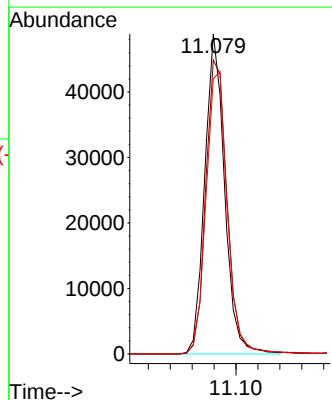
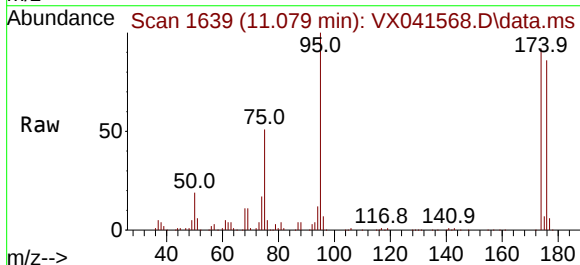
Instrument :
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ClientSampleId :
240508039-01

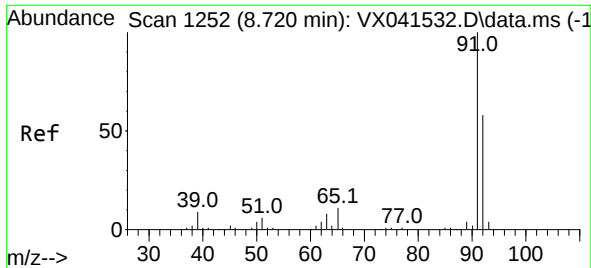
Tgt Ion:117 Resp: 144146
Ion Ratio Lower Upper
117 100
82 51.8 41.7 62.5
119 32.0 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 27.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041568.D
Acq: 16 May 2024 17:01

Tgt Ion: 95 Resp: 61472
Ion Ratio Lower Upper
95 100
174 98.6 76.6 115.0
176 95.0 75.4 113.0

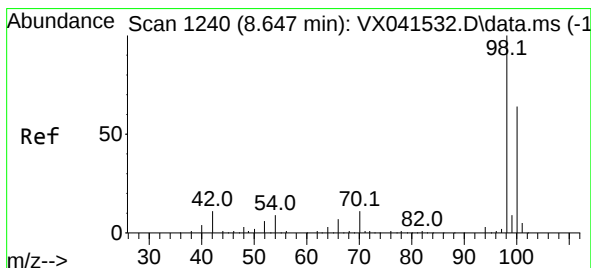
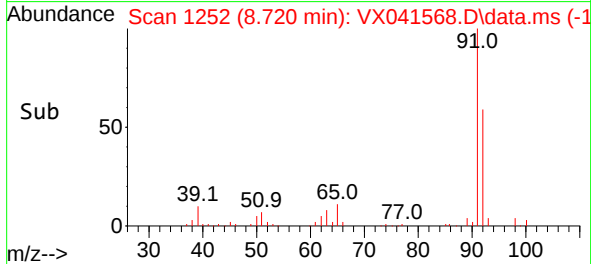
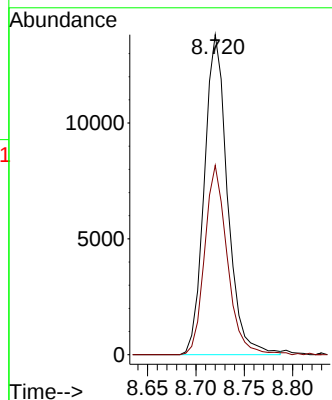
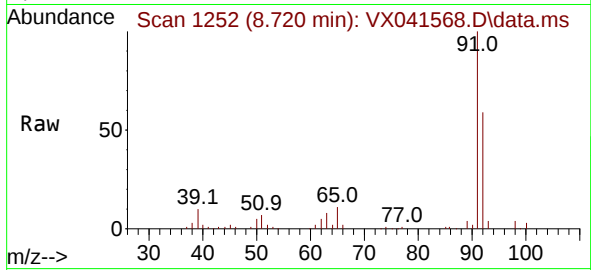




#62
Toluene
Concen: 3.215 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041568.D
Acq: 16 May 2024 17:01

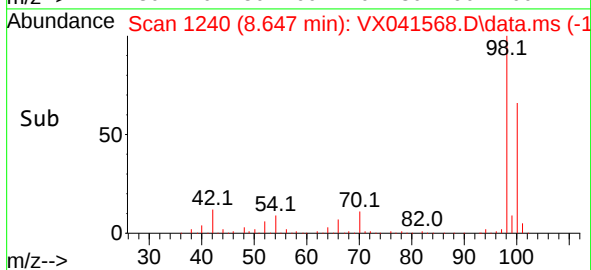
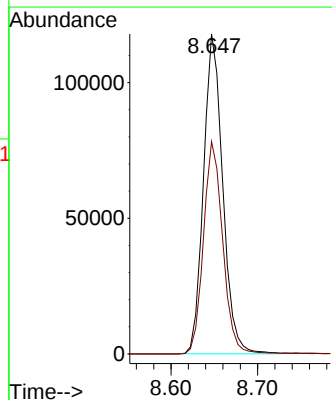
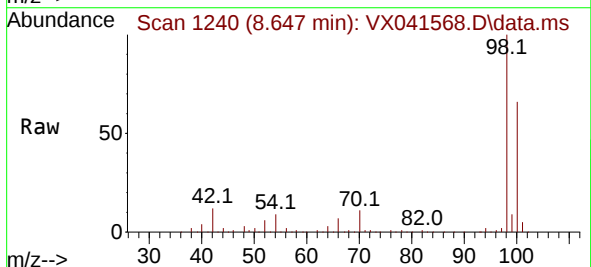
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240508039-01

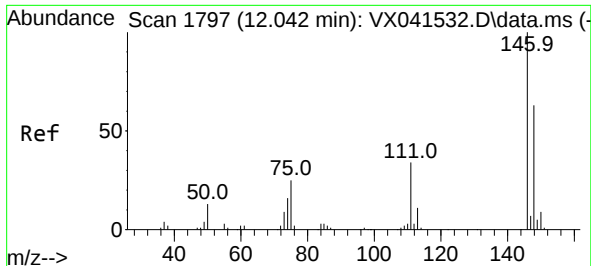
Tgt Ion: 91 Resp: 23056
Ion Ratio Lower Upper
91 100
92 57.9 47.0 70.6



#63
Toluene-d8
Concen: 29.428 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041568.D
Acq: 16 May 2024 17:01

Tgt Ion: 98 Resp: 181837
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7





#84

1,4-Dichlorobenzene

Concen: 0.295 ug/l

RT: 12.049 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041568.D

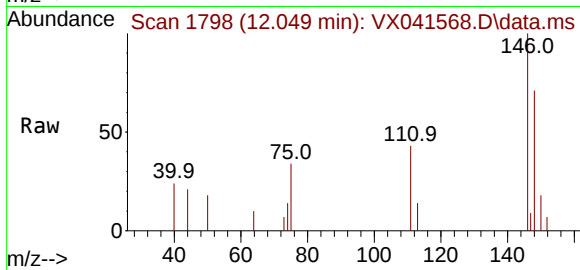
Acq: 16 May 2024 17:01

Instrument :

MSVOA_X

ClientSampleId :

240508039-01



Tgt Ion:146 Resp: 1244

Ion Ratio Lower Upper

146 100

111 35.9 17.8 53.5

148 66.9 31.9 95.5

