

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041890.D
 Acq On : 14 Jun 2024 20:08
 Operator : JC/MD
 Sample : P2806-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240606059-03

Quant Time: Jun 15 04:16:24 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)

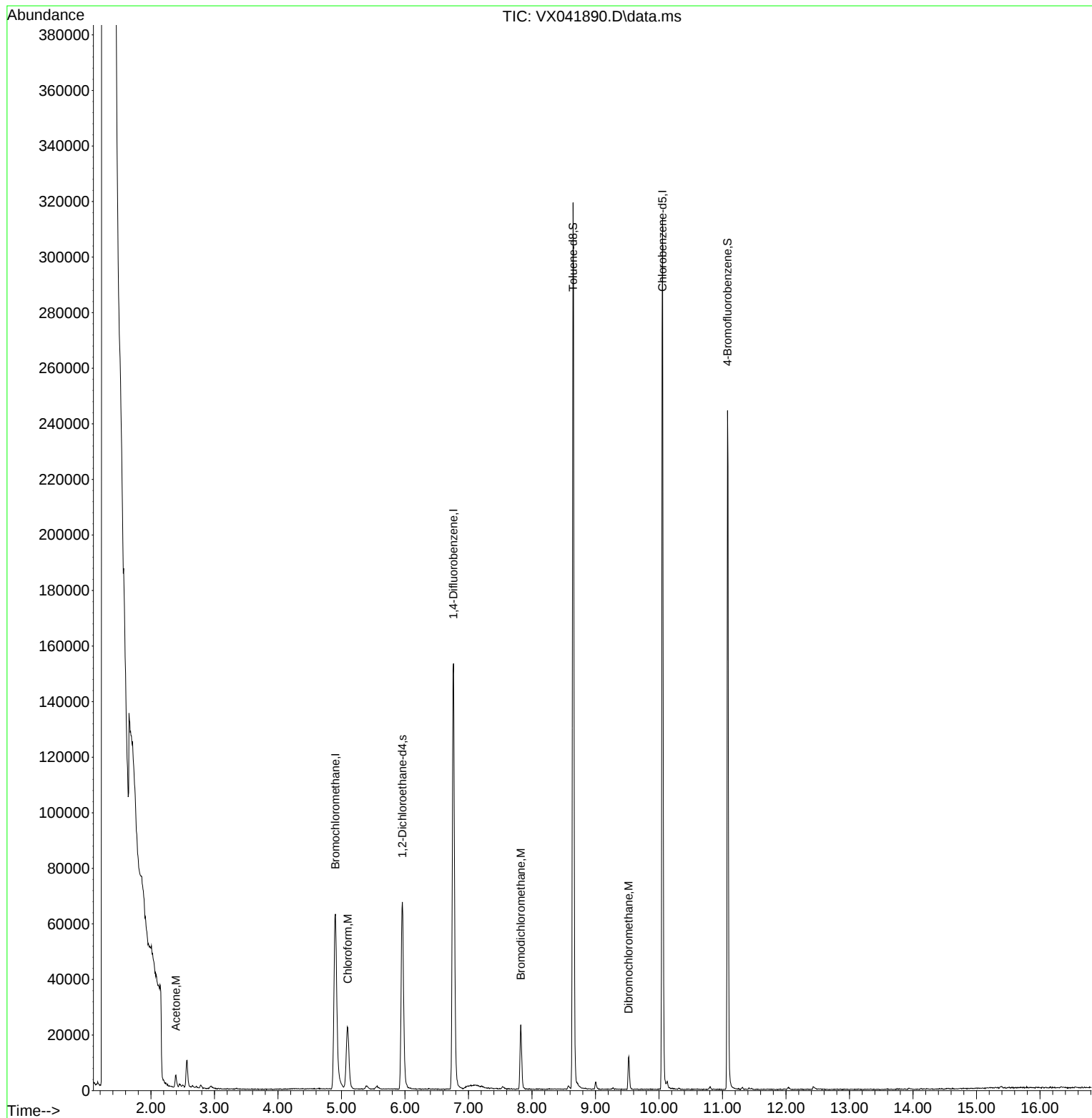
Internal Standards						
1) Bromochloromethane	4.904	128	32917	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	171983	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	155821	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	64708	28.556	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.200%
60) 4-Bromofluorobenzene	11.079	95	66104	27.406	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.367%
63) Toluene-d8	8.647	98	200105	30.016	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.067%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	1698	4.876	ug/l	85
25) Chloroform	5.099	83	28260	7.752	ug/l	96
41) Bromodichloromethane	7.824	83	15761	6.677	ug/l	96
53) Dibromochloromethane	9.519	129	6231	2.972	ug/l	97

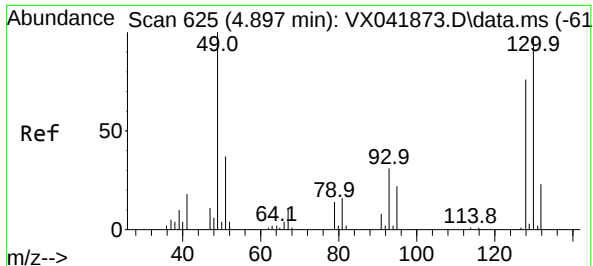
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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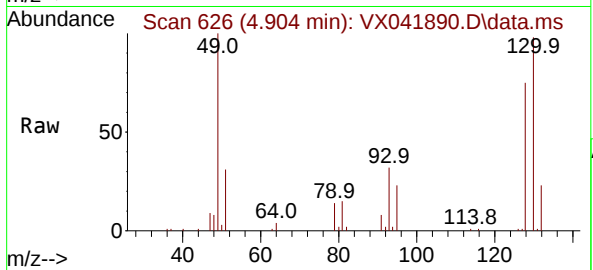
Quant Time: Jun 15 04:16:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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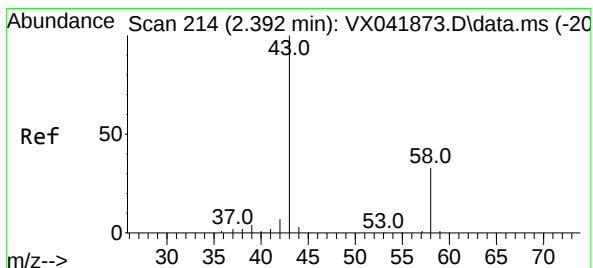
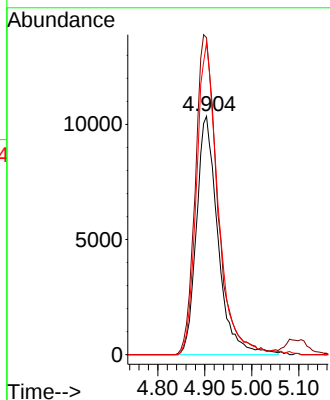
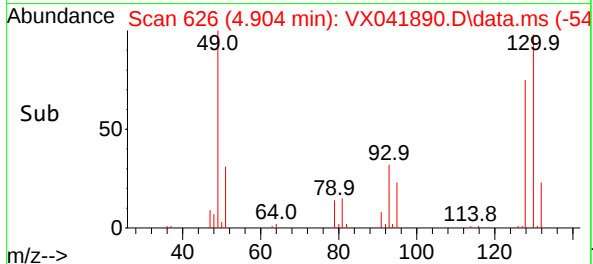


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041890.D
Acq: 14 Jun 2024 20:08

Instrument :
MSVOA_X
ClientSampleId :
240606059-03

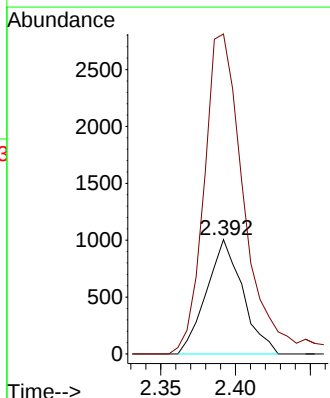
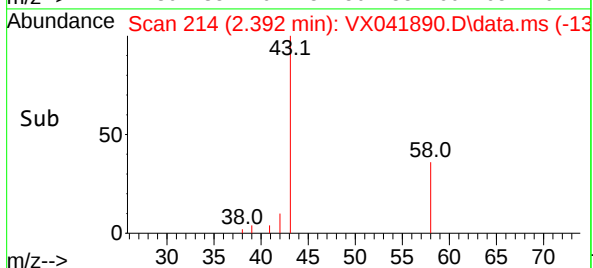
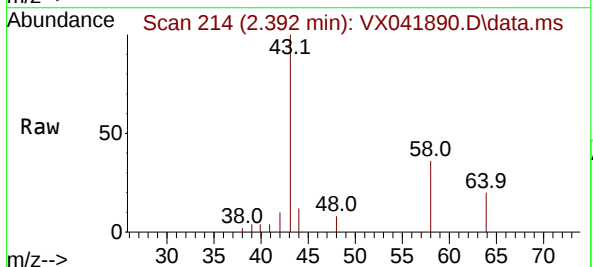


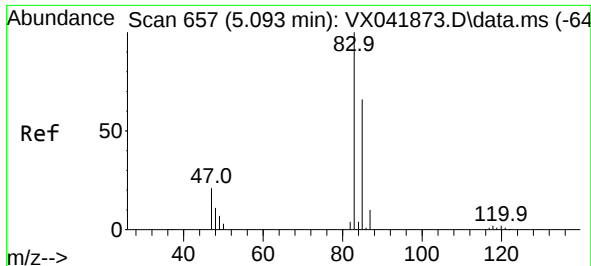
Tgt Ion:128 Resp: 32917
Ion Ratio Lower Upper
128 100
49 138.0 0.0 338.5
130 130.6 0.0 324.5



#15
Acetone
Concen: 4.876 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041890.D
Acq: 14 Jun 2024 20:08

Tgt Ion: 58 Resp: 1698
Ion Ratio Lower Upper
58 100
43 274.0 243.4 365.2





#25

Chloroform

Concen: 7.752 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX041890.D

Acq: 14 Jun 2024 20:08

Instrument :

MSVOA_X

ClientSampleId :

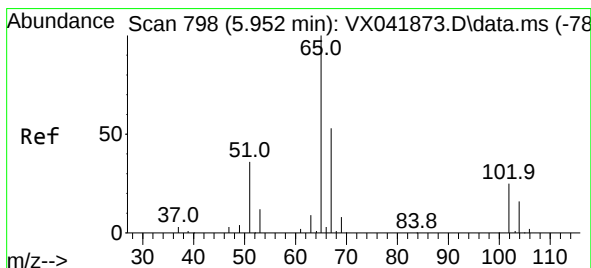
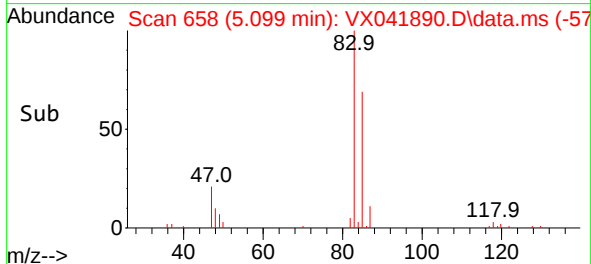
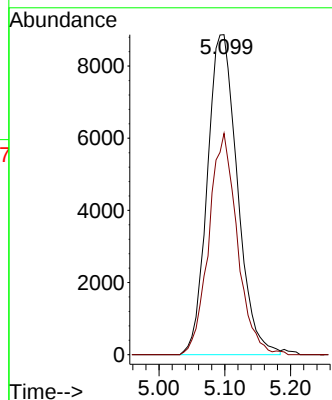
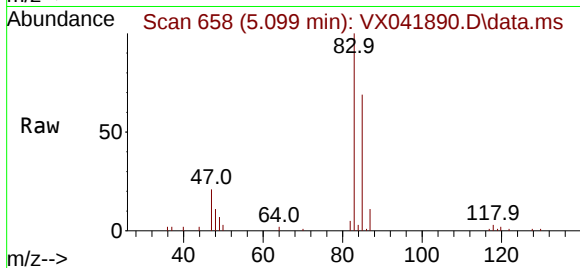
240606059-03

Tgt Ion: 83 Resp: 28260

Ion Ratio Lower Upper

83 100

85 69.2 52.7 79.1



#27

1,2-Dichloroethane-d4

Concen: 28.556 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX041890.D

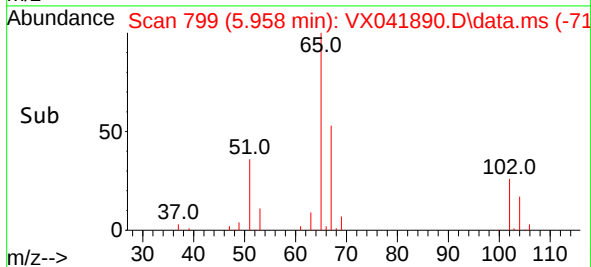
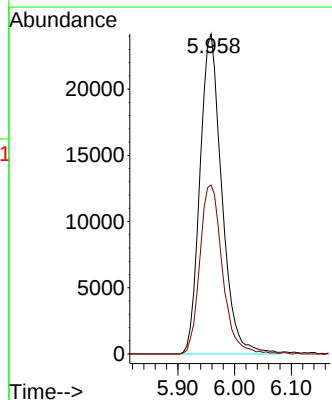
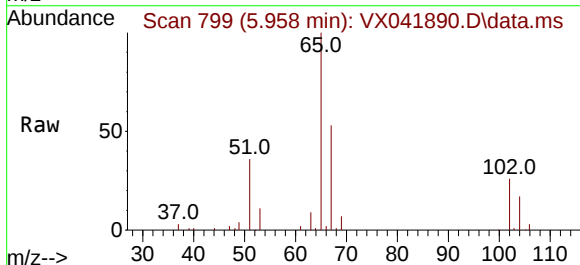
Acq: 14 Jun 2024 20:08

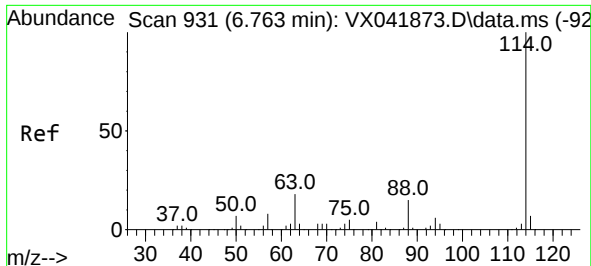
Tgt Ion: 65 Resp: 64708

Ion Ratio Lower Upper

65 100

67 54.4 43.4 65.0

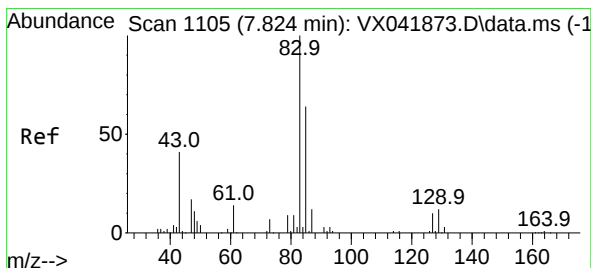
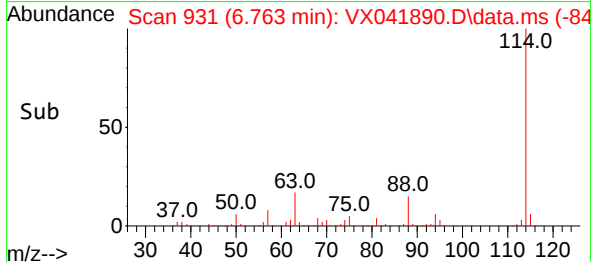
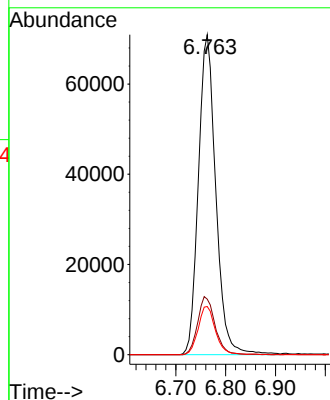
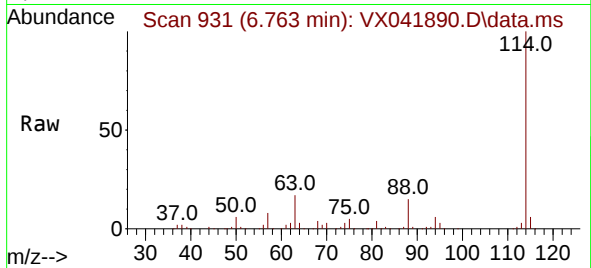




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX041890.D
 Acq: 14 Jun 2024 20:08

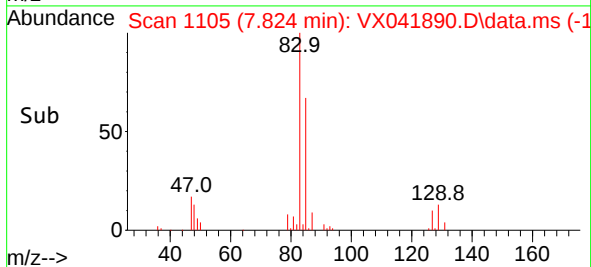
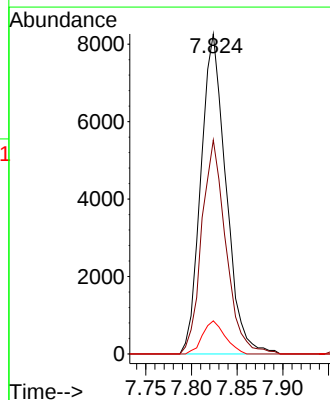
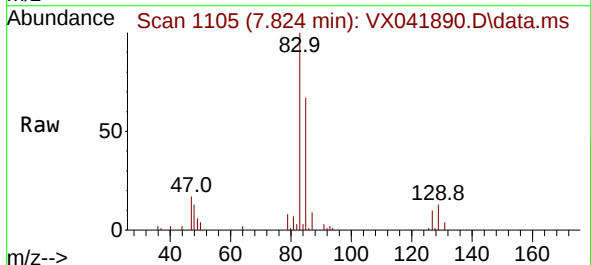
Instrument :
 MSVOA_X
 ClientSampleId :
 240606059-03

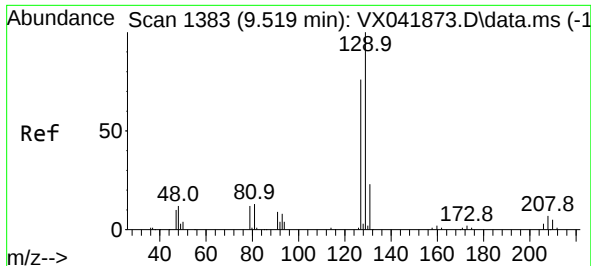
Tgt Ion:114 Resp: 171983
 Ion Ratio Lower Upper
 114 100
 63 18.0 14.6 21.8
 88 14.9 11.8 17.8



#41
 Bromodichloromethane
 Concen: 6.677 ug/l
 RT: 7.824 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: VX041890.D
 Acq: 14 Jun 2024 20:08

Tgt Ion: 83 Resp: 15761
 Ion Ratio Lower Upper
 83 100
 85 66.8 51.1 76.7
 127 11.5 8.1 12.1

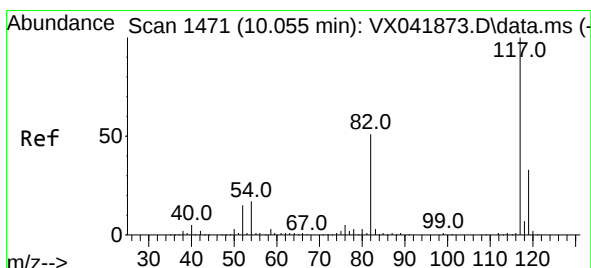
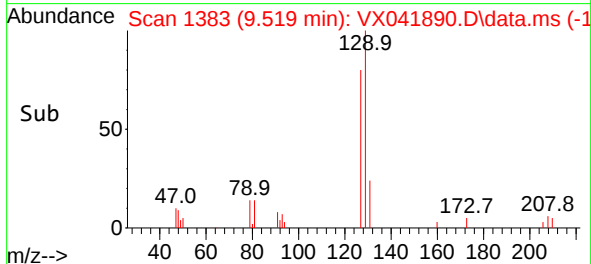
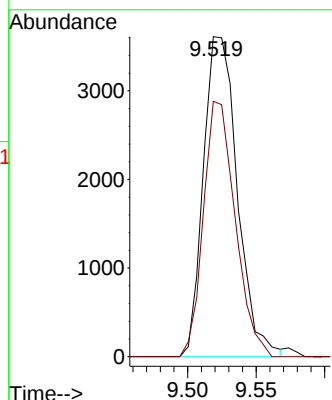
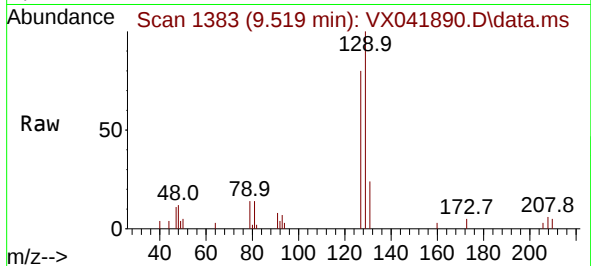




#53
Dibromochloromethane
Concen: 2.972 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX041890.D
Acq: 14 Jun 2024 20:08

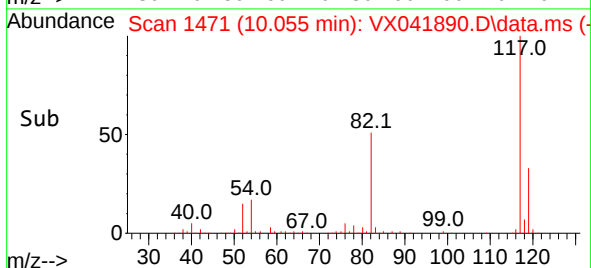
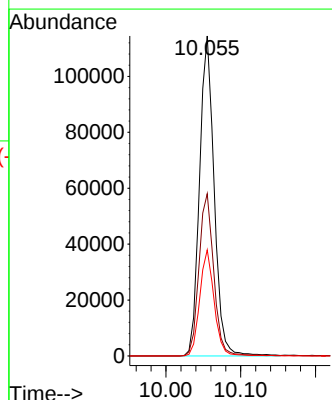
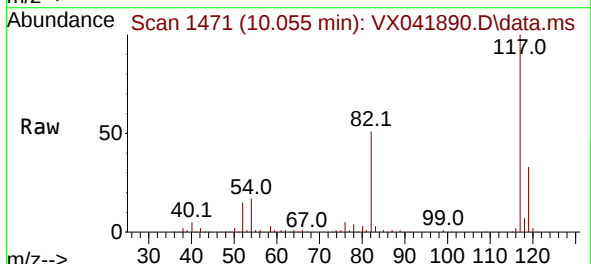
Instrument :
MSVOA_X
ClientSampleId :
240606059-03

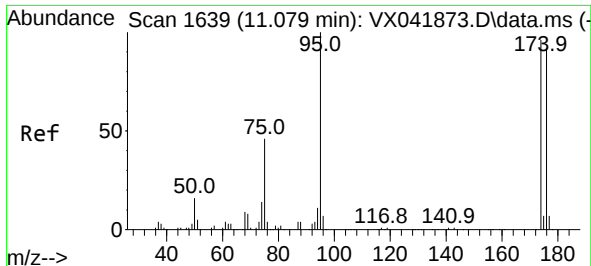
Tgt Ion:129 Resp: 6231
Ion Ratio Lower Upper
129 100
127 74.7 38.8 116.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041890.D
Acq: 14 Jun 2024 20:08

Tgt Ion:117 Resp: 155821
Ion Ratio Lower Upper
117 100
82 51.0 41.1 61.7
119 32.4 26.1 39.1

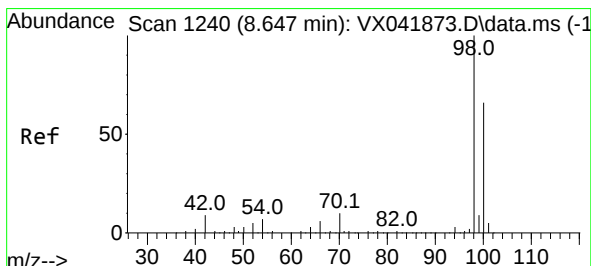
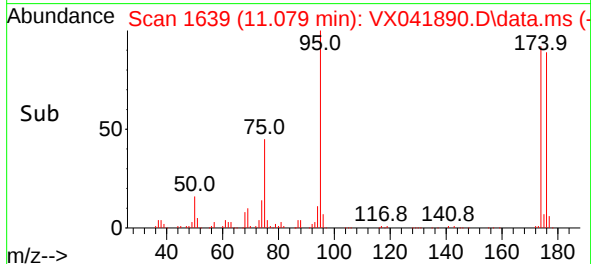
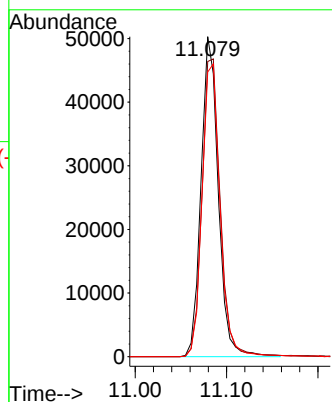
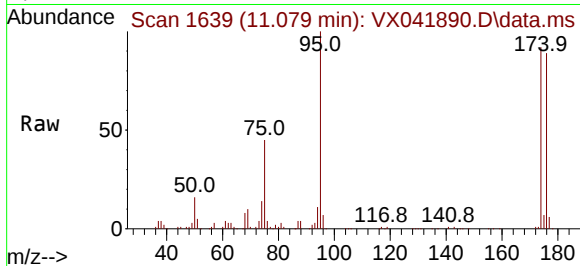




#60
4-Bromofluorobenzene
Concen: 27.406 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041890.D
Acq: 14 Jun 2024 20:08

Instrument :
MSVOA_X
ClientSampleId :
240606059-03

Tgt Ion: 95 Resp: 66104
Ion Ratio Lower Upper
95 100
174 98.3 78.9 118.3
176 95.7 77.1 115.7



#63
Toluene-d8
Concen: 30.016 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041890.D
Acq: 14 Jun 2024 20:08

Tgt Ion: 98 Resp: 200105
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1

