

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041883.D
 Acq On : 14 Jun 2024 17:24
 Operator : JC/MD
 Sample : P2893-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-063-IDWGW-20240613

Quant Time: Jun 15 04:14:03 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)

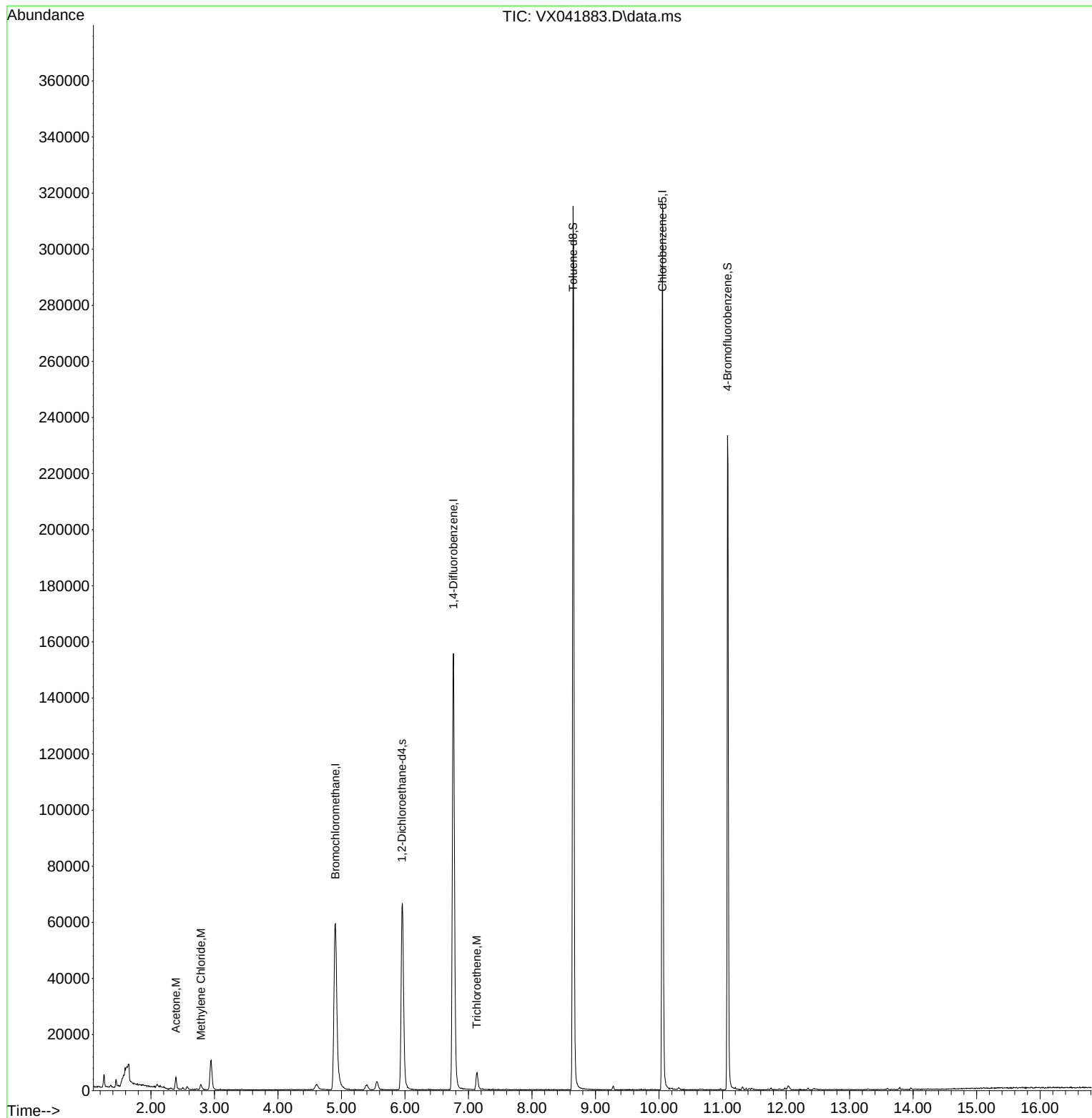
Internal Standards						
1) Bromochloromethane	4.904	128	32177	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	175314	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	155481	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	64551	29.142	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.133%
60) 4-Bromofluorobenzene	11.079	95	64408	26.762	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.200%
63) Toluene-d8	8.647	98	202202	30.397	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.333%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	1482	4.354	ug/l	92
18) Methylene Chloride	2.788	84	1073	0.476	ug/l #	80
37) Trichloroethene	7.129	130	2906	1.396	ug/l	95

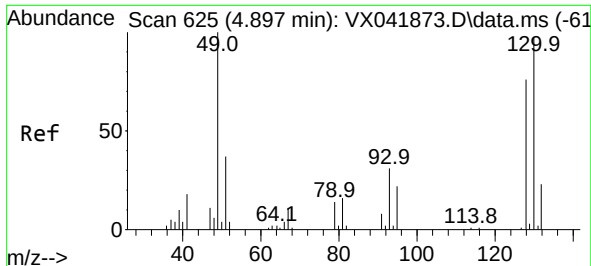
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 15 04:02:59 2024
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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: VX041883.D

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Instrument :

MSVOA_X

ClientSampleId :

TT-063-IDWGW-20240613

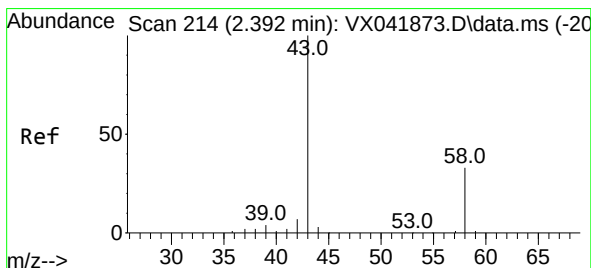
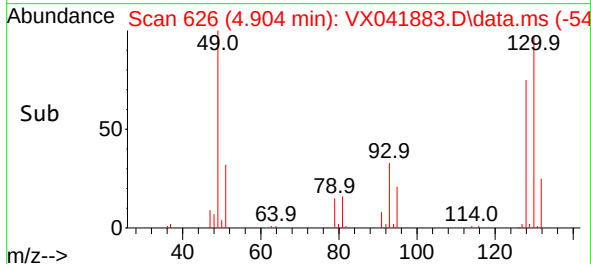
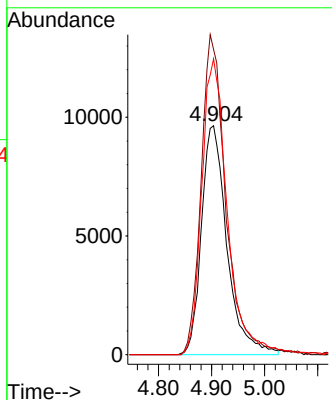
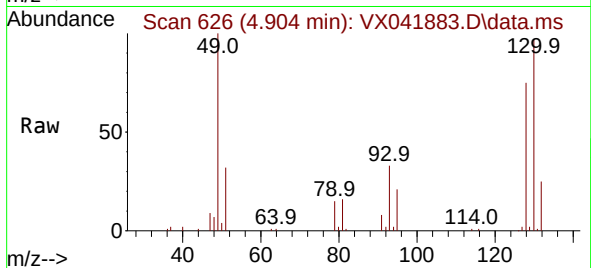
Tgt Ion:128 Resp: 32177

Ion Ratio Lower Upper

128 100

49 136.0 0.0 338.5

130 126.9 0.0 324.5



#15

Acetone

Concen: 4.354 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041883.D

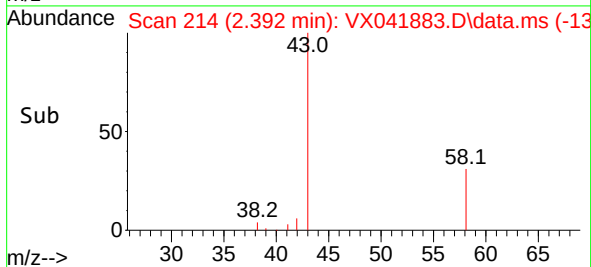
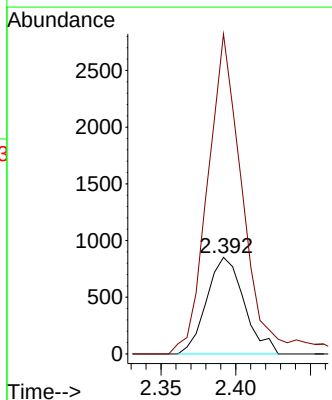
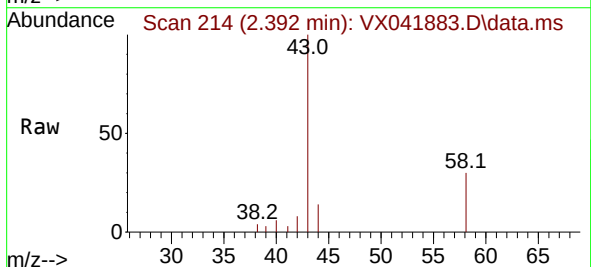
Acq: 14 Jun 2024 17:24

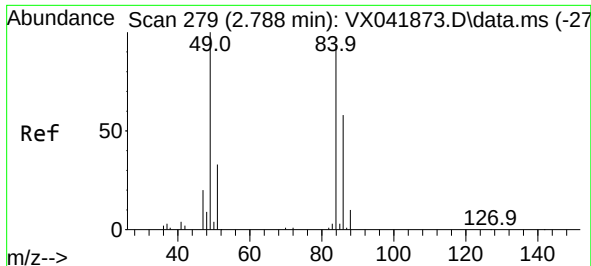
Tgt Ion: 58 Resp: 1482

Ion Ratio Lower Upper

58 100

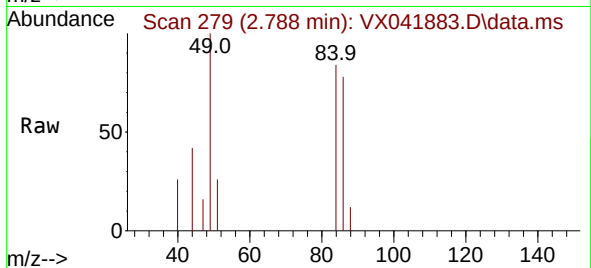
43 320.9 243.4 365.2



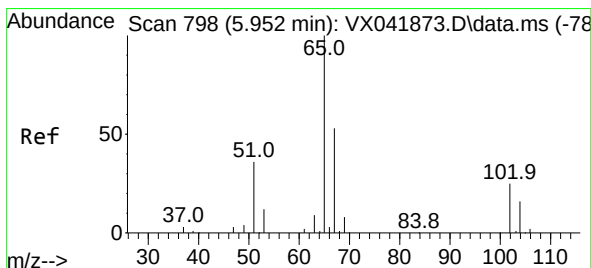
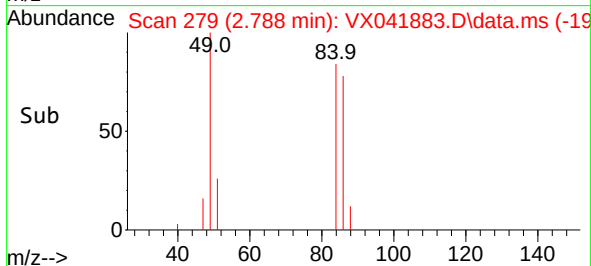
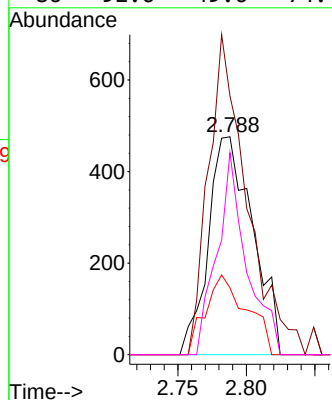


#18
Methylene Chloride
Concen: 0.476 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041883.D
Acq: 14 Jun 2024 17:24

Instrument :
MSVOA_X
ClientSampleId :
TT-063-IDWGW-20240613

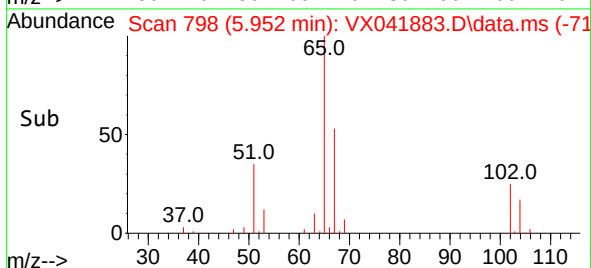
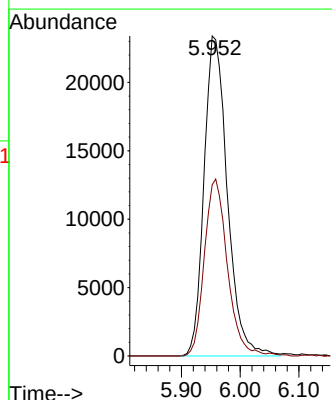
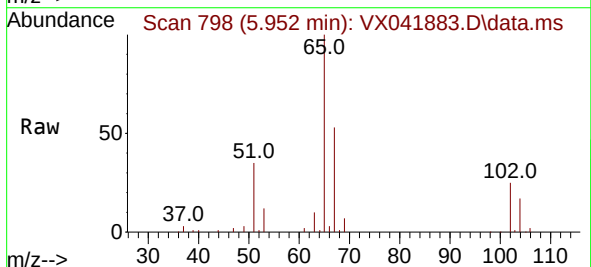


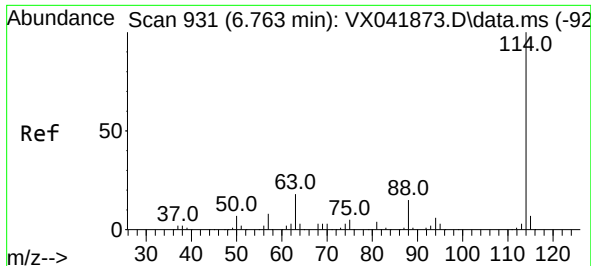
Tgt Ion:	84	Resp:	1073
Ion	Ratio	Lower	Upper
84	100		
49	118.7	85.3	127.9
51	30.7	28.5	42.7
86	92.6	49.6	74.4



#27
1,2-Dichloroethane-d4
Concen: 29.142 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041883.D
Acq: 14 Jun 2024 17:24

Tgt Ion:	65	Resp:	64551
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# 911

Delta R.T. -0.000 min

Lab File: VX041883.D

Acq: 14 Jun 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :

TT-063-IDWGW-20240613

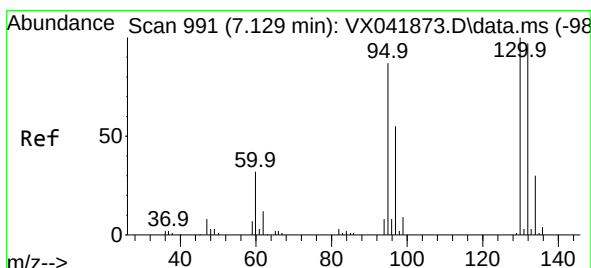
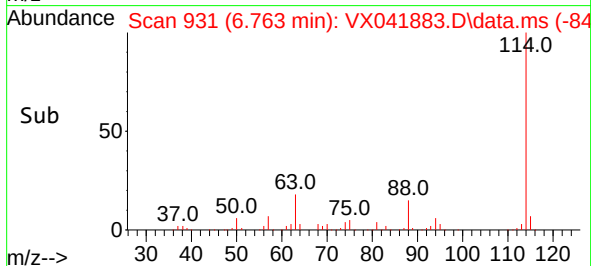
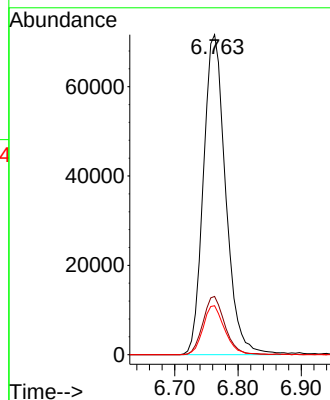
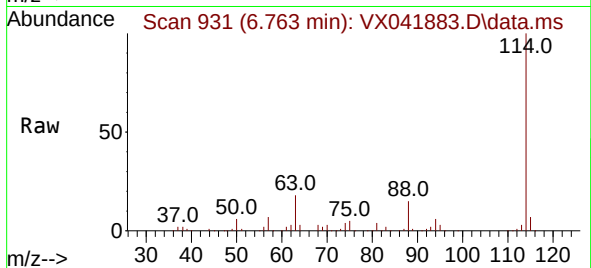
Tgt Ion:114 Resp: 175314

Ion Ratio Lower Upper

114 100

63 17.8 14.6 21.8

88 14.9 11.8 17.8



#37

Trichloroethene

Concen: 1.396 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX041883.D

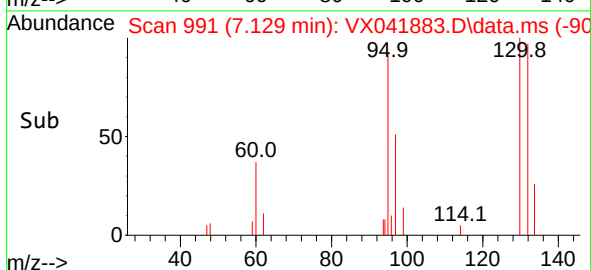
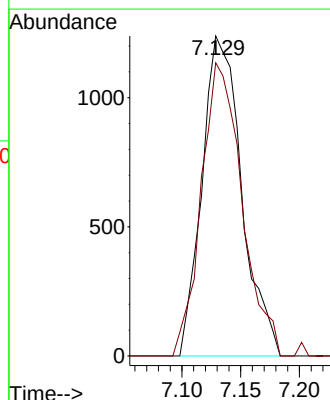
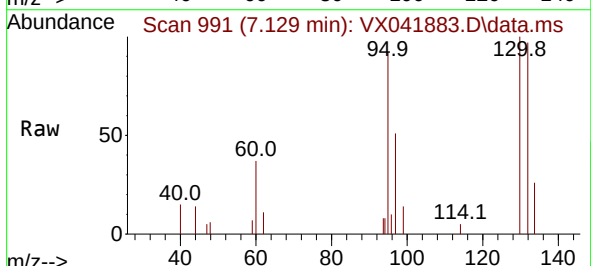
Acq: 14 Jun 2024 17:24

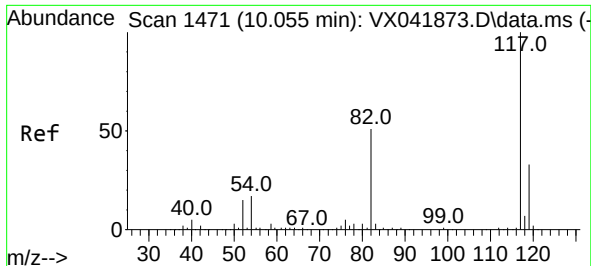
Tgt Ion:130 Resp: 2906

Ion Ratio Lower Upper

130 100

95 91.6 69.4 104.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041883.D

Acq: 14 Jun 2024 17:24

Instrument :

MSVOA_X

ClientSampleId :

TT-063-IDWGW-20240613

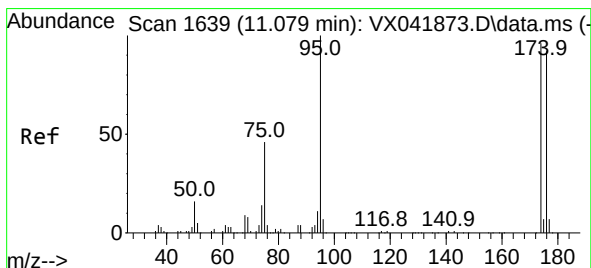
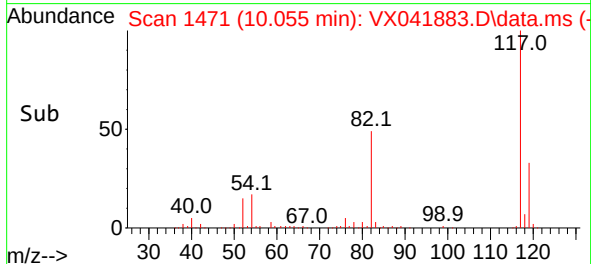
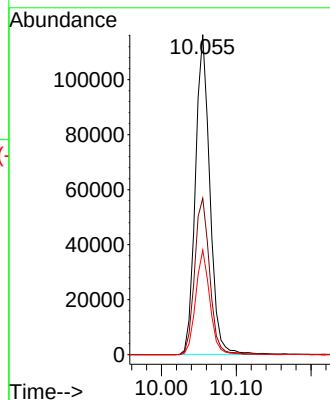
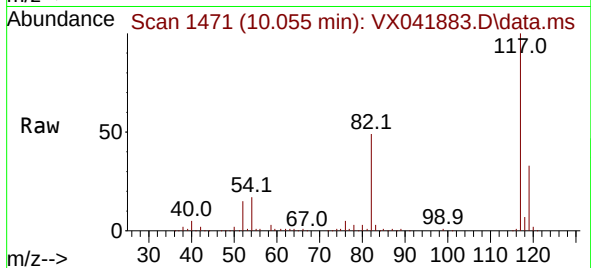
Tgt Ion:117 Resp: 155481

Ion Ratio Lower Upper

117 100

82 50.9 41.1 61.7

119 32.4 26.1 39.1



#60

4-Bromofluorobenzene

Concen: 26.762 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041883.D

Acq: 14 Jun 2024 17:24

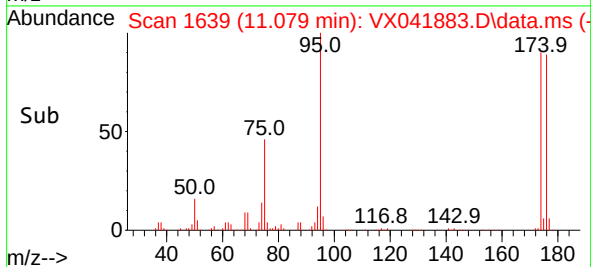
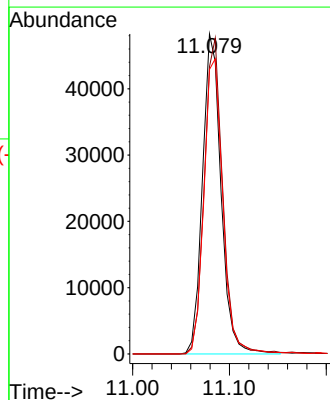
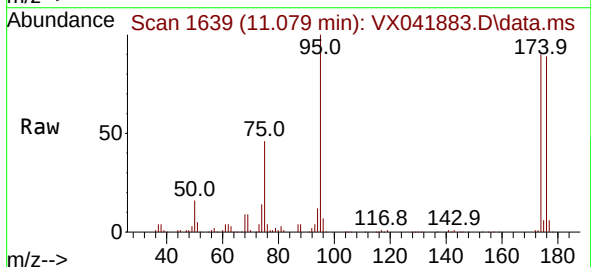
Tgt Ion: 95 Resp: 64408

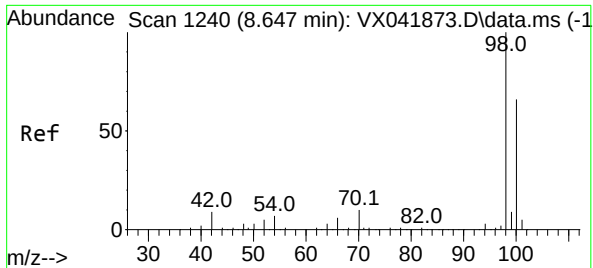
Ion Ratio Lower Upper

95 100

174 97.9 78.9 118.3

176 94.3 77.1 115.7





#63
 Toluene-d8
 Concen: 30.397 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041883.D
 Acq: 14 Jun 2024 17:24

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-063-IDWGW-20240613

Tgt Ion: 98 Resp: 202202
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.7 79.1

