

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041888.D
 Acq On : 14 Jun 2024 19:21
 Operator : JC/MD
 Sample : P2866-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240607022-01

Quant Time: Jun 15 04:15:43 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)

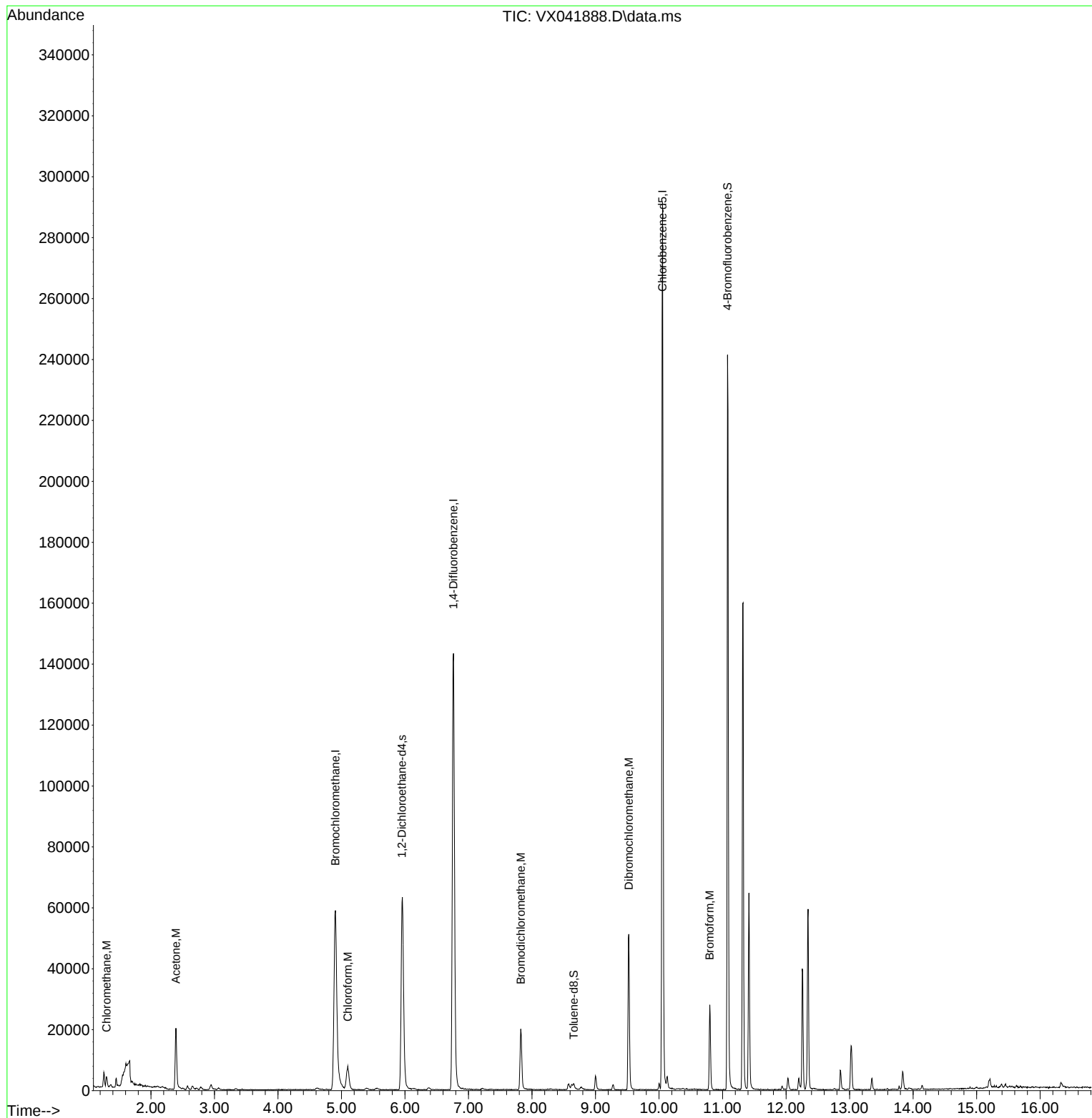
Internal Standards						
1) Bromochloromethane	4.904	128	30182	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	162277	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	148703	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	61093	29.404	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.000%
60) 4-Bromofluorobenzene	11.079	95	63753	27.697	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.333%
63) Toluene-d8	8.659	98	1579	0.248	ug/l	0.01
Spiked Amount	30.000	Range	91 - 112	Recovery	=	0.8333%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	3325	1.522	ug/l	96
15) Acetone	2.392	58	7192	22.524	ug/l	92
25) Chloroform	5.099	83	9468	2.832	ug/l	94
41) Bromodichloromethane	7.824	83	13938	6.258	ug/l	95
53) Dibromochloromethane	9.525	129	25033	12.654	ug/l	98
56) Bromoform	10.799	173	11347	7.034	ug/l	99

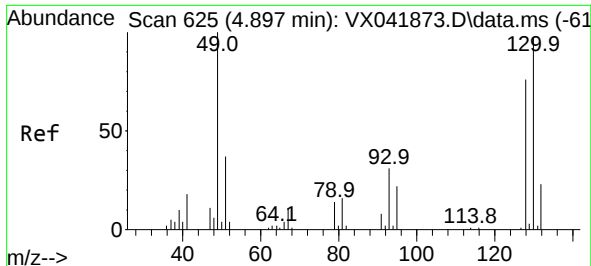
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
Data File : VX041888.D
Acq On : 14 Jun 2024 19:21
Operator : JC/MD
Sample : P2866-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
240607022-01

Quant Time: Jun 15 04:15:43 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

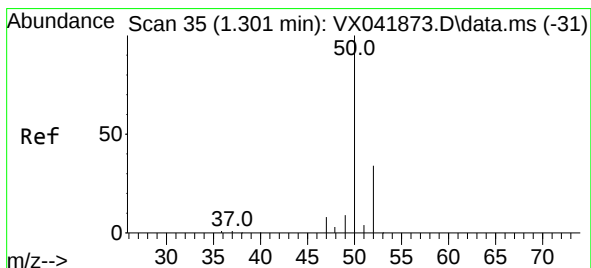
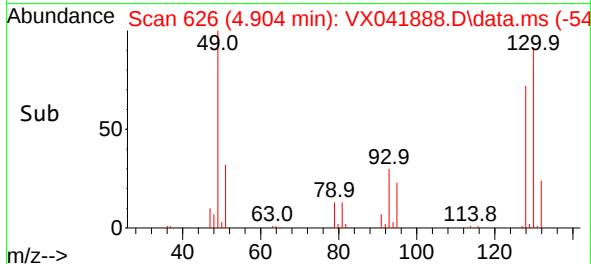
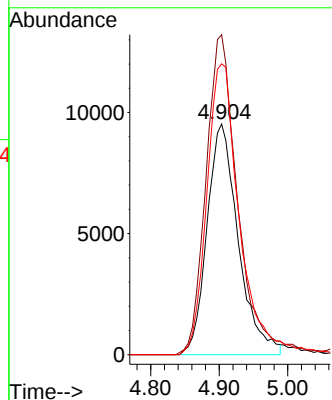
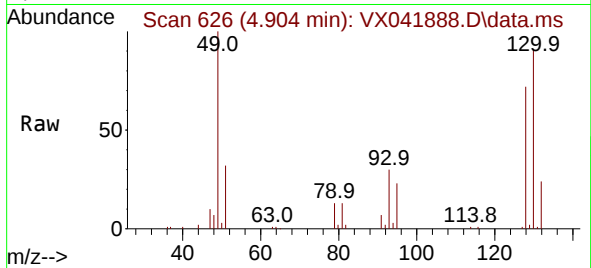




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041888.D
Acq: 14 Jun 2024 19:21

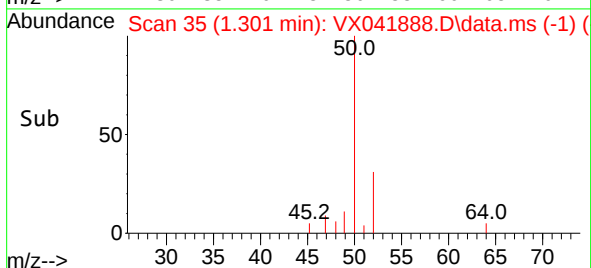
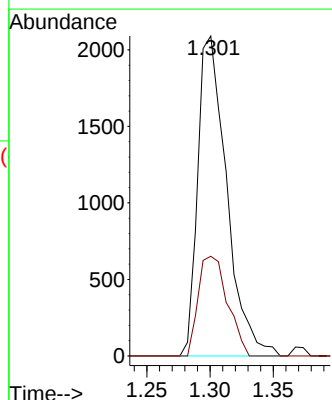
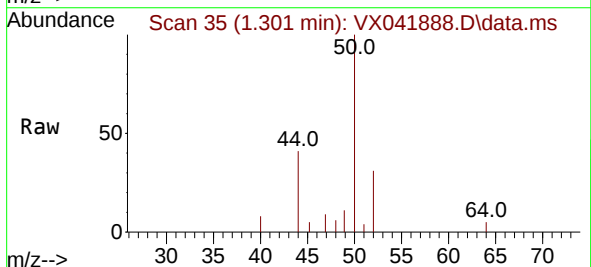
Instrument :
MSVOA_X
ClientSampleId :
240607022-01

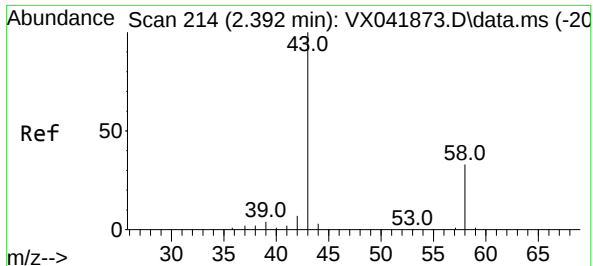
Tgt Ion:128 Resp: 30182
Ion Ratio Lower Upper
128 100
49 139.3 0.0 338.5
130 131.1 0.0 324.5



#3
Chloromethane
Concen: 1.522 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041888.D
Acq: 14 Jun 2024 19:21

Tgt Ion: 50 Resp: 3325
Ion Ratio Lower Upper
50 100
52 31.1 26.9 40.3





#15

Acetone

Concen: 22.524 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX041888.D

Acq: 14 Jun 2024 19:21

Instrument :

MSVOA_X

ClientSampleId :

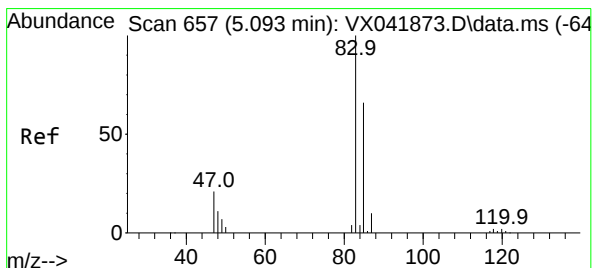
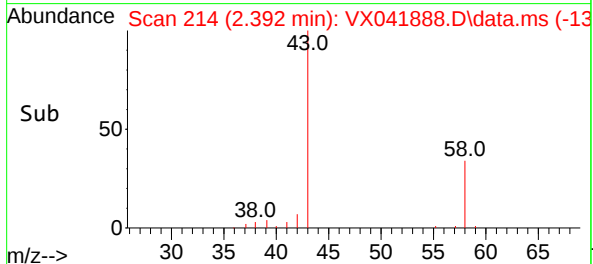
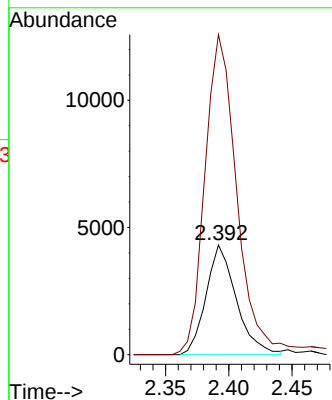
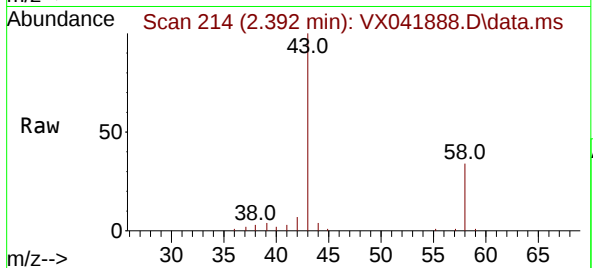
240607022-01

Tgt Ion: 58 Resp: 7192

Ion Ratio Lower Upper

58 100

43 288.6 243.4 365.2



#25

Chloroform

Concen: 2.832 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX041888.D

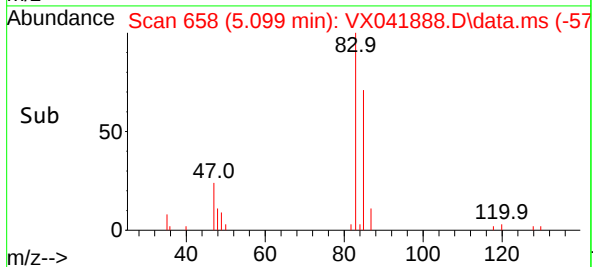
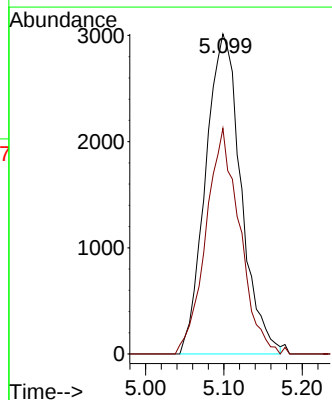
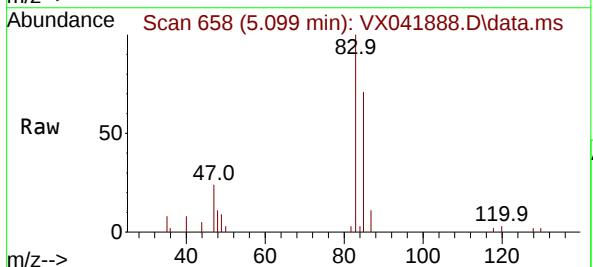
Acq: 14 Jun 2024 19:21

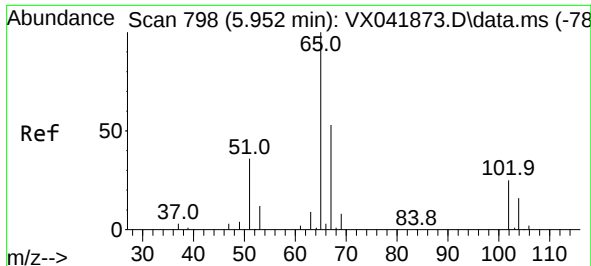
Tgt Ion: 83 Resp: 9468

Ion Ratio Lower Upper

83 100

85 70.5 52.7 79.1

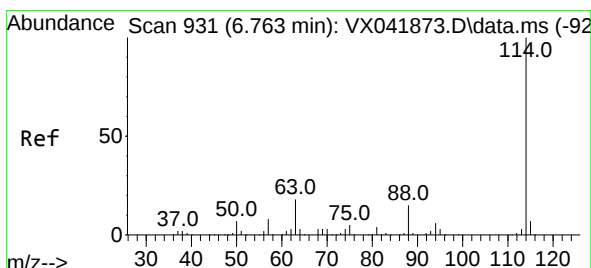
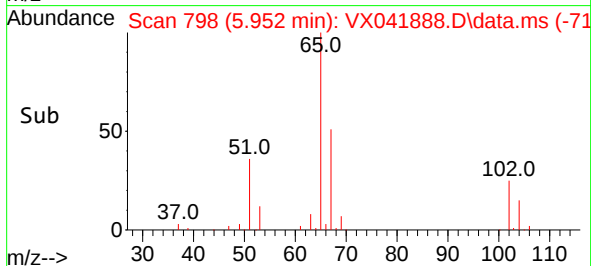
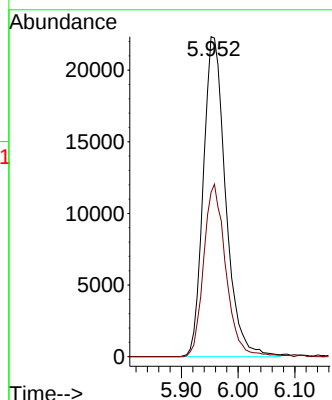
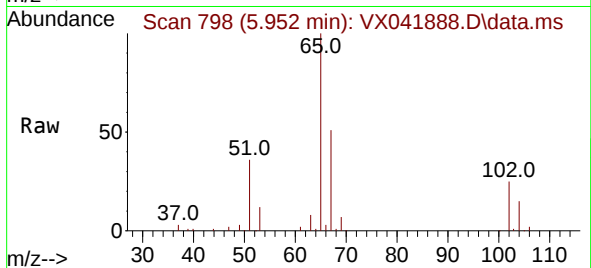




#27
 1,2-Dichloroethane-d4
 Concen: 29.404 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041888.D
 Acq: 14 Jun 2024 19:21

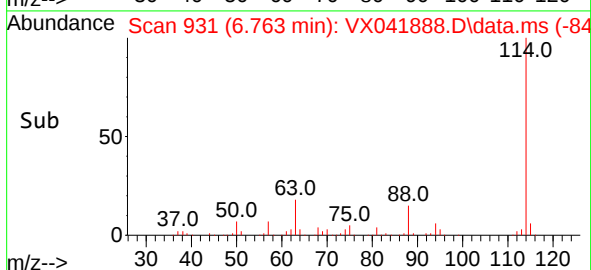
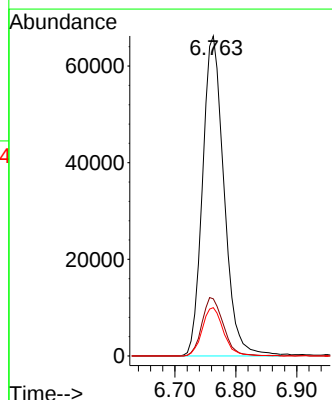
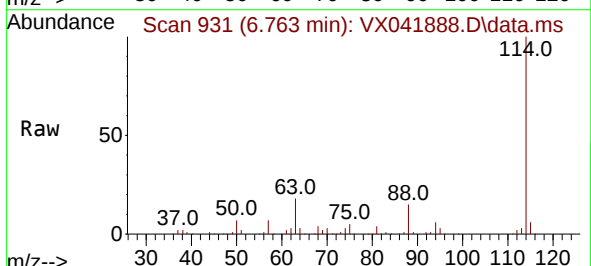
Instrument :
 MSVOA_X
 ClientSampleId :
 240607022-01

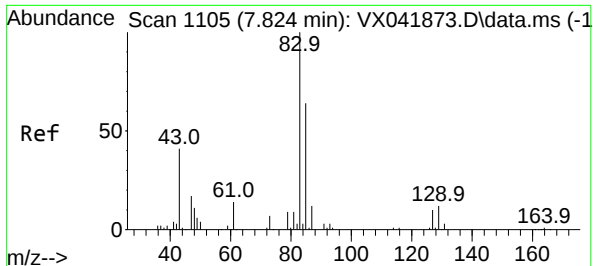
Tgt Ion: 65 Resp: 61093
 Ion Ratio Lower Upper
 65 100
 67 53.3 43.4 65.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX041888.D
 Acq: 14 Jun 2024 19:21

Tgt Ion: 114 Resp: 162277
 Ion Ratio Lower Upper
 114 100
 63 18.2 14.6 21.8
 88 14.9 11.8 17.8

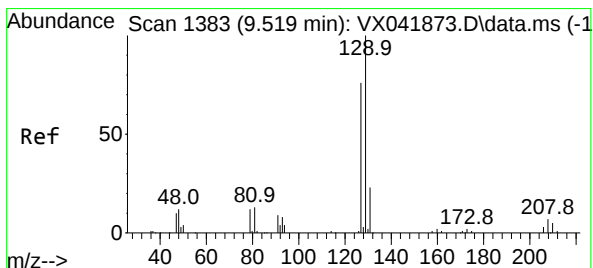
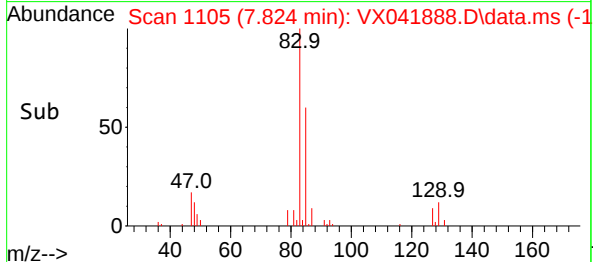
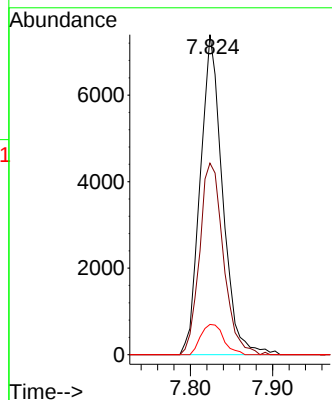
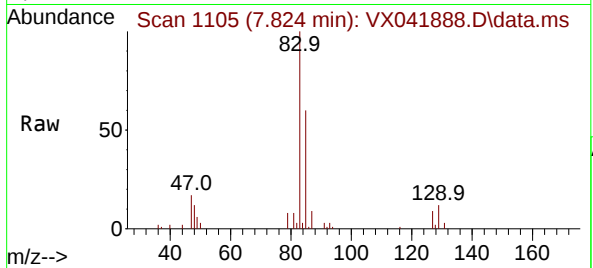




#41
Bromodichloromethane
Concen: 6.258 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041888.D
Acq: 14 Jun 2024 19:21

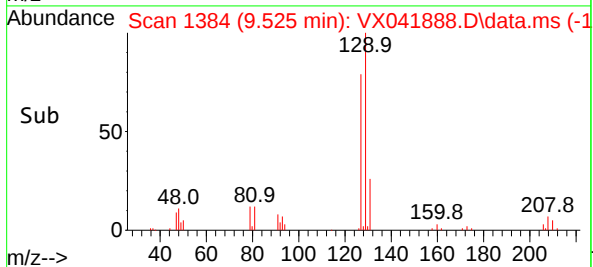
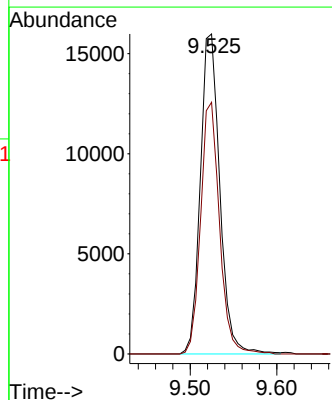
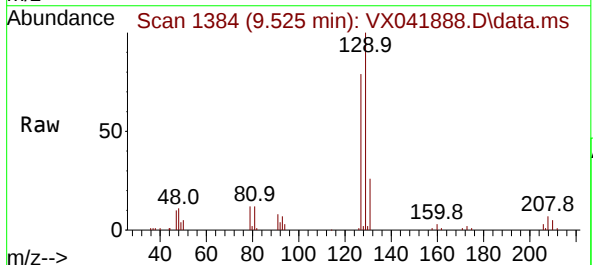
Instrument :
MSVOA_X
ClientSampleId :
240607022-01

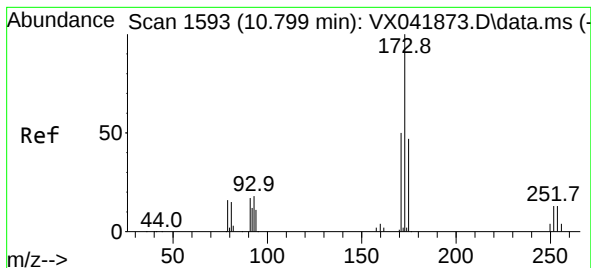
Tgt Ion: 83 Resp: 13938
Ion Ratio Lower Upper
83 100
85 59.9 51.1 76.7
127 9.4 8.1 12.1



#53
Dibromochloromethane
Concen: 12.654 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX041888.D
Acq: 14 Jun 2024 19:21

Tgt Ion: 129 Resp: 25033
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.4





#56

Bromoform

Concen: 7.034 ug/l

RT: 10.799 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041888.D

Acq: 14 Jun 2024 19:21

Instrument :

MSVOA_X

ClientSampleId :

240607022-01

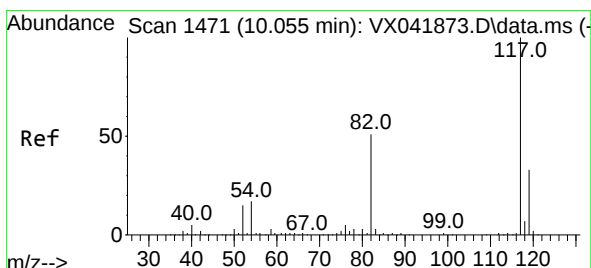
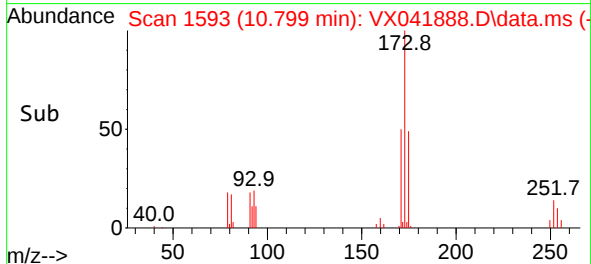
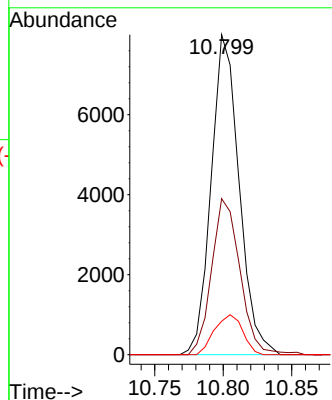
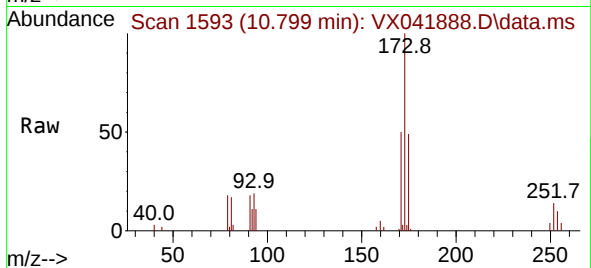
Tgt Ion:173 Resp: 11347

Ion Ratio Lower Upper

173 100

175 49.4 39.3 58.9

254 12.6 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: VX041888.D

Acq: 14 Jun 2024 19:21

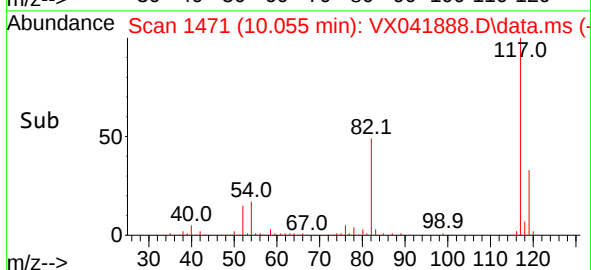
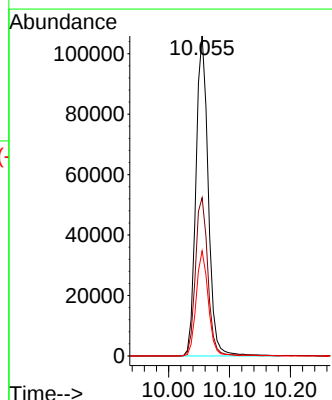
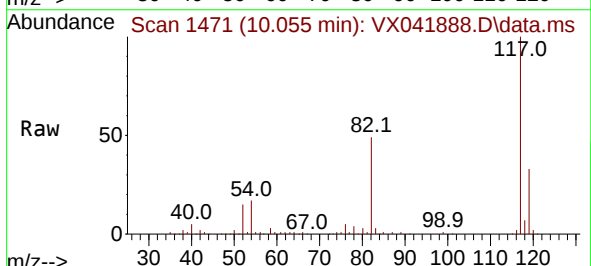
Tgt Ion:117 Resp: 148703

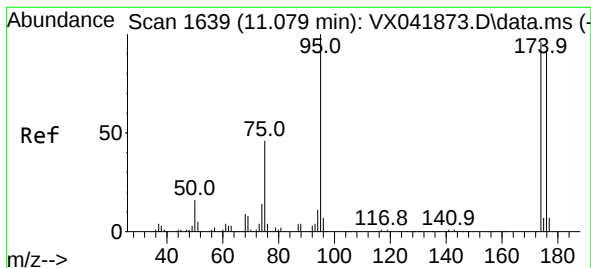
Ion Ratio Lower Upper

117 100

82 49.9 41.1 61.7

119 32.2 26.1 39.1

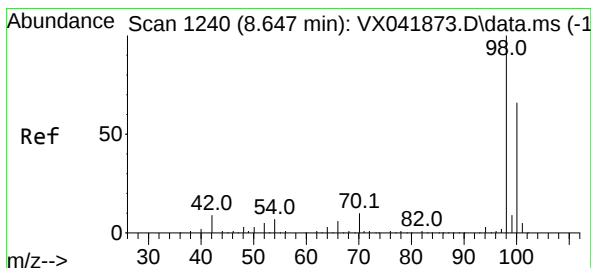
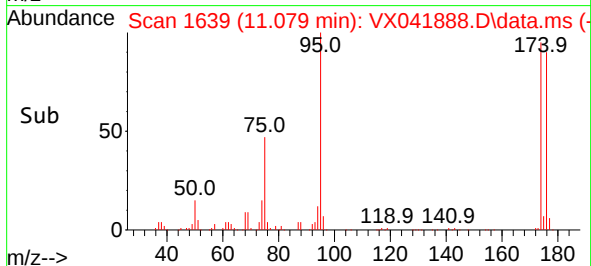
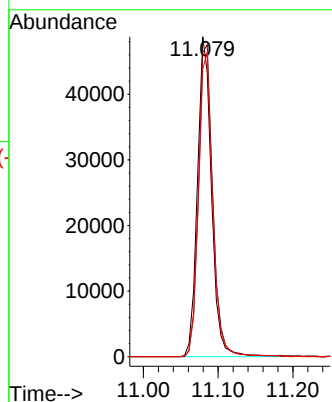
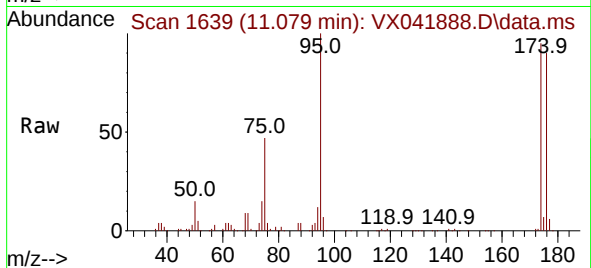




#60
4-Bromofluorobenzene
Concen: 27.697 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041888.D
Acq: 14 Jun 2024 19:21

Instrument :
MSVOA_X
ClientSampleId :
240607022-01

Tgt Ion: 95 Resp: 63753
Ion Ratio Lower Upper
95 100
174 99.3 78.9 118.3
176 95.7 77.1 115.7



#63
Toluene-d8
Concen: 0.248 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.012 min
Lab File: VX041888.D
Acq: 14 Jun 2024 19:21

Tgt Ion: 98 Resp: 1579
Ion Ratio Lower Upper
98 100
100 62.1 52.7 79.1

