

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041632.D
 Acq On : 23 May 2024 16:32
 Operator : JC/MD
 Sample : P2584-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OUTFALL-DSN-002

Quant Time: May 24 06:45:11 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)

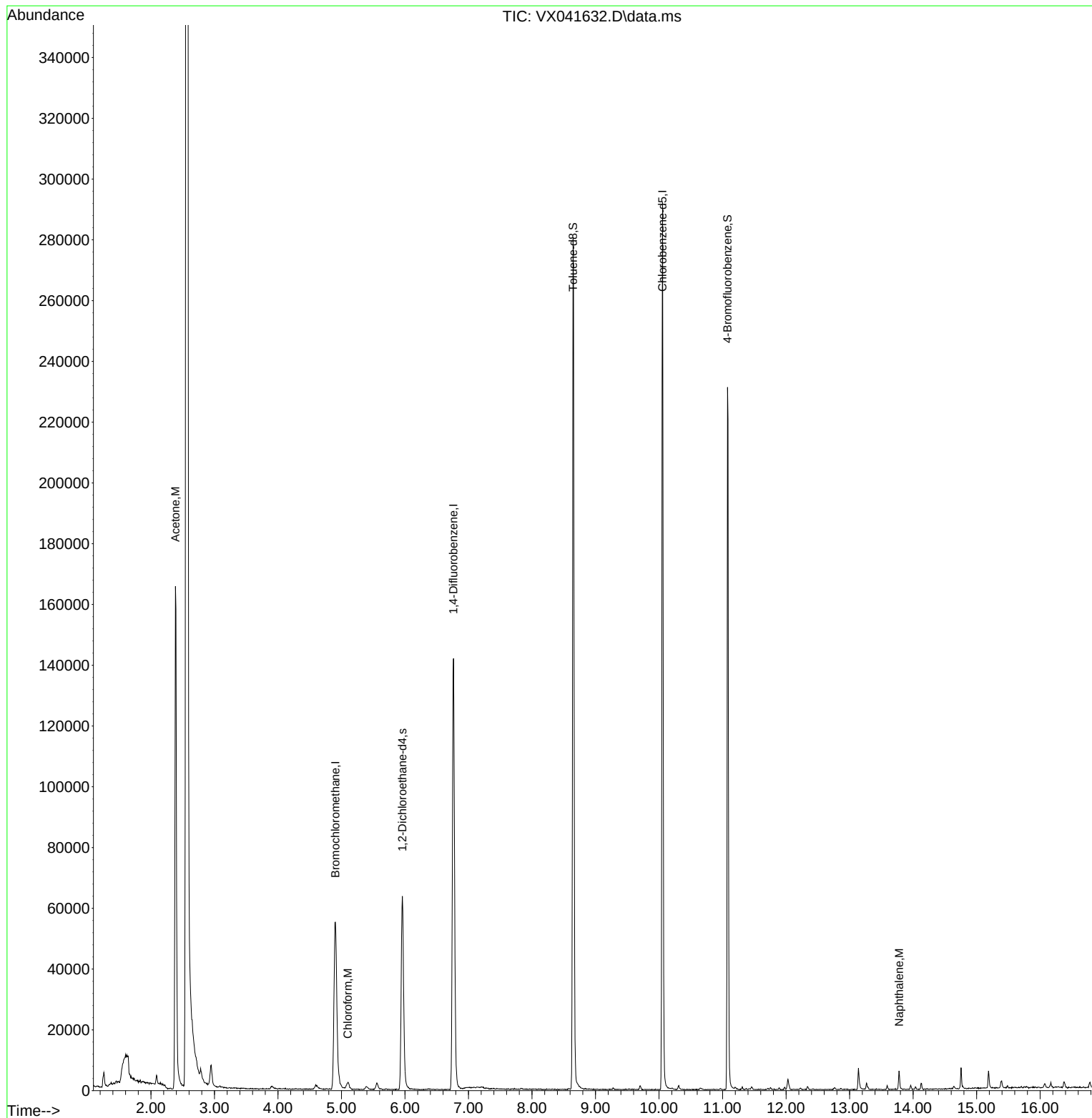
Internal Standards						
1) Bromochloromethane	4.903	128	27632	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	150023	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	133359	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	64063	29.441	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.133%
60) 4-Bromofluorobenzene	11.079	95	59021	28.351	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.500%
63) Toluene-d8	8.647	98	170437	29.815	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.367%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	52632	209.844	ug/l	99
25) Chloroform	5.099	83	2744	0.871	ug/l	87
91) Naphthalene	13.780	128	4459	0.563	ug/l	95

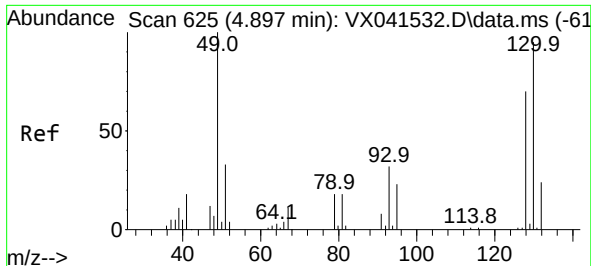
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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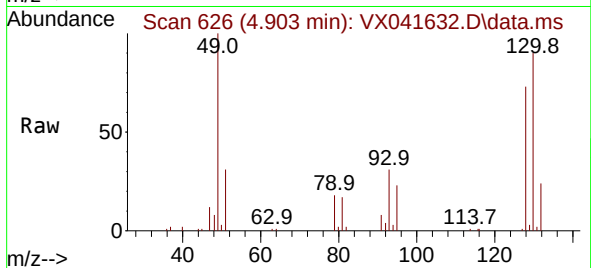
Quant Time: May 24 06:45:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 16 05:13:13 2024
Response via : Initial Calibration



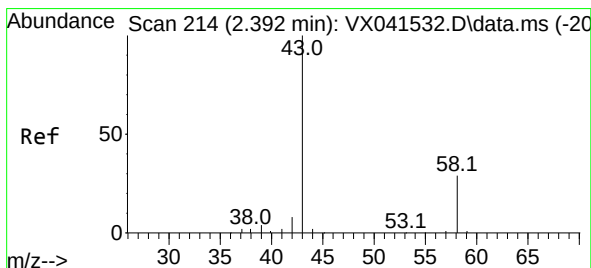
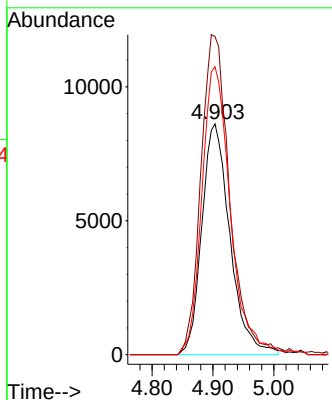
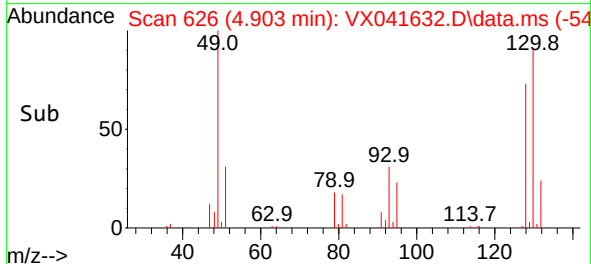


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041632.D
Acq: 23 May 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-DSN-002

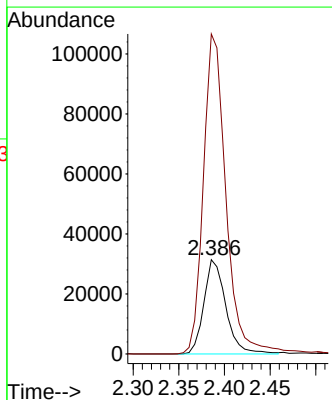
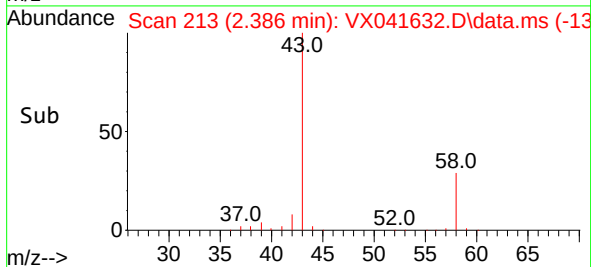
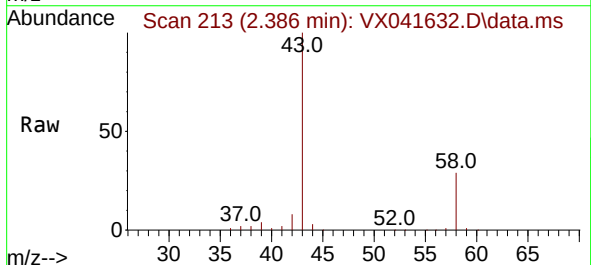


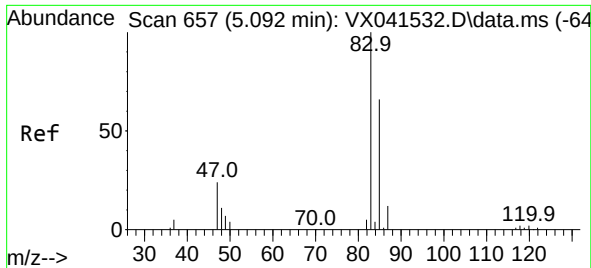
Tgt Ion:128 Resp: 27632
Ion Ratio Lower Upper
128 100
49 140.7 0.0 361.5
130 124.4 0.0 324.3



#15
Acetone
Concen: 209.844 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041632.D
Acq: 23 May 2024 16:32

Tgt Ion: 58 Resp: 52632
Ion Ratio Lower Upper
58 100
43 339.6 274.0 411.0

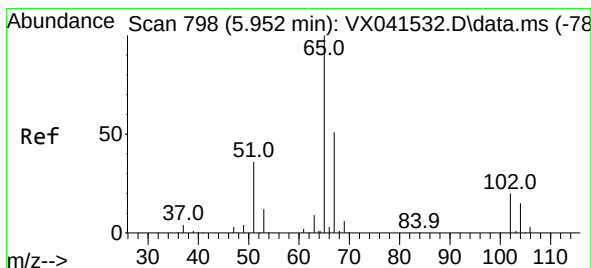
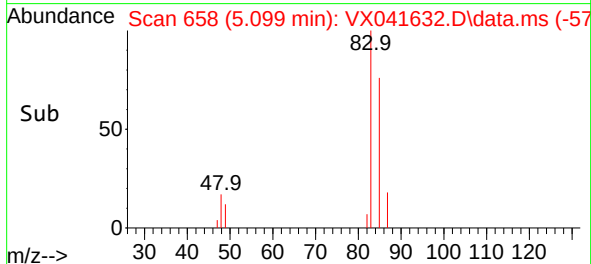
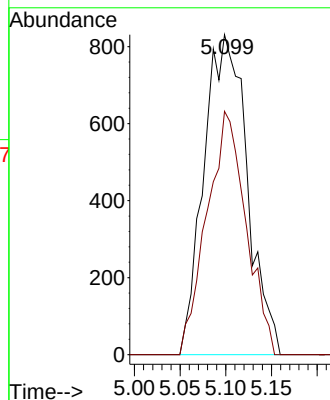
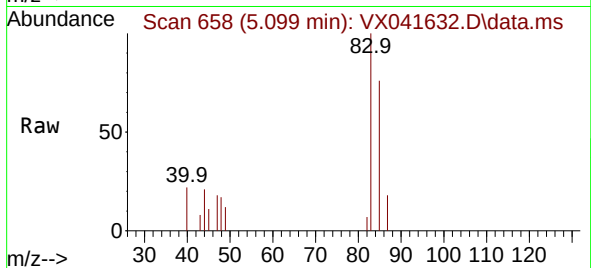




#25
Chloroform
Concen: 0.871 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041632.D
Acq: 23 May 2024 16:32

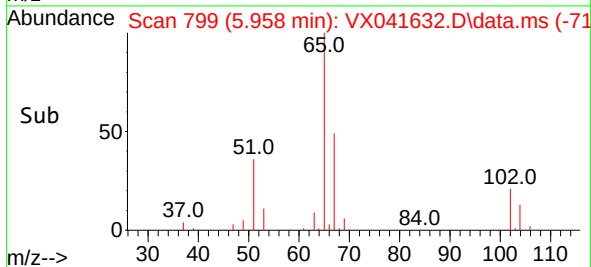
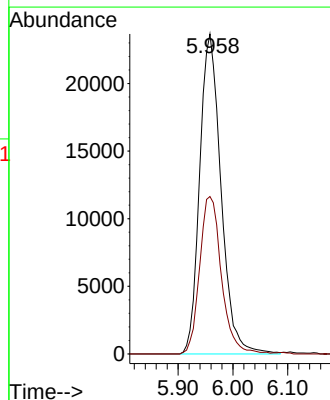
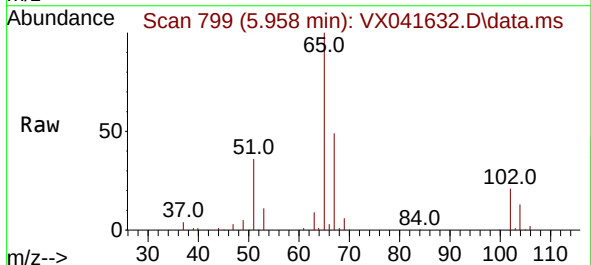
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-DSN-002

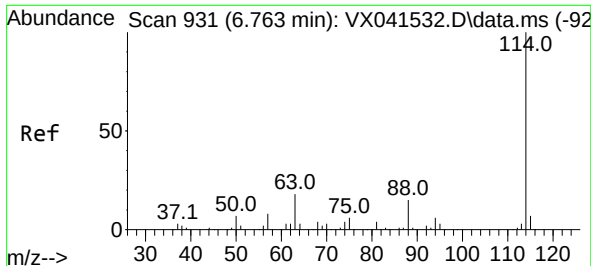
Tgt Ion: 83 Resp: 2744
Ion Ratio Lower Upper
83 100
85 76.1 52.9 79.3



#27
1,2-Dichloroethane-d4
Concen: 29.441 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041632.D
Acq: 23 May 2024 16:32

Tgt Ion: 65 Resp: 64063
Ion Ratio Lower Upper
65 100
67 50.0 40.8 61.2

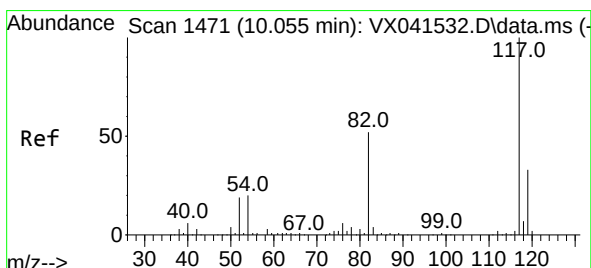
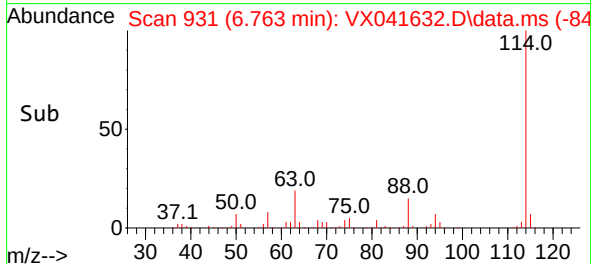
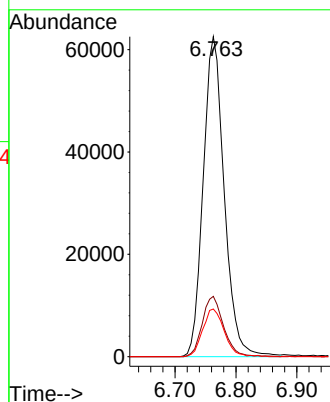
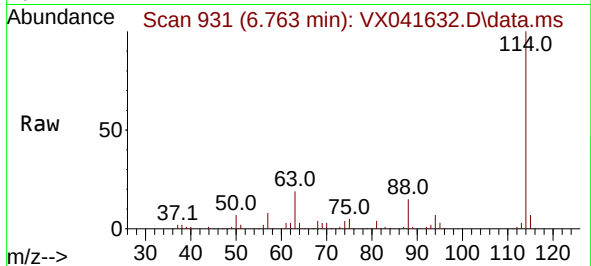




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041632.D
Acq: 23 May 2024 16:32

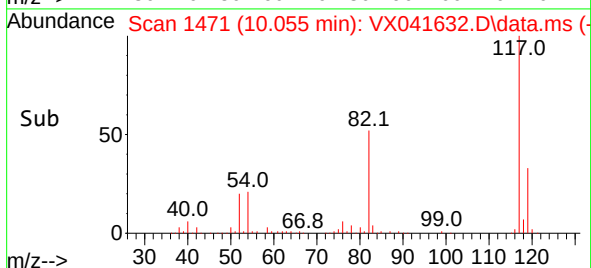
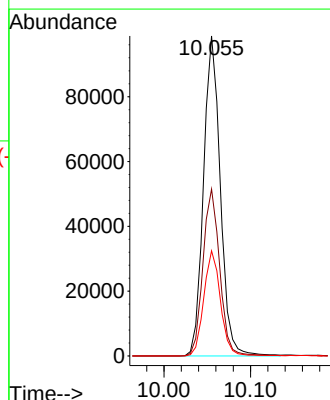
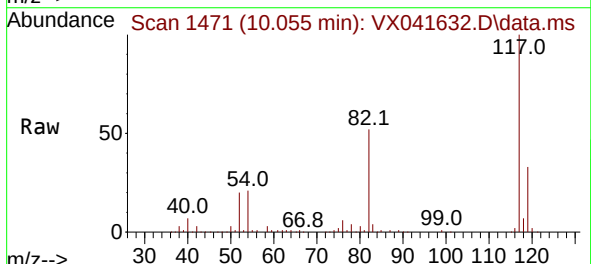
Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-DSN-002

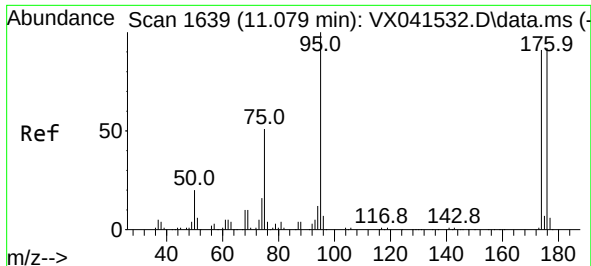
Tgt Ion:114 Resp: 150023
Ion Ratio Lower Upper
114 100
63 19.1 15.4 23.0
88 15.1 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041632.D
Acq: 23 May 2024 16:32

Tgt Ion:117 Resp: 133359
Ion Ratio Lower Upper
117 100
82 52.0 41.7 62.5
119 32.5 25.7 38.5

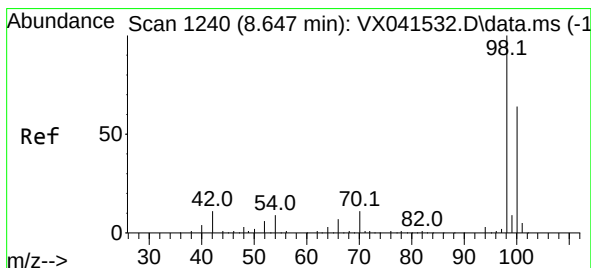
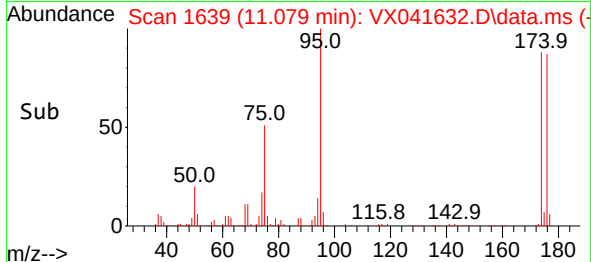
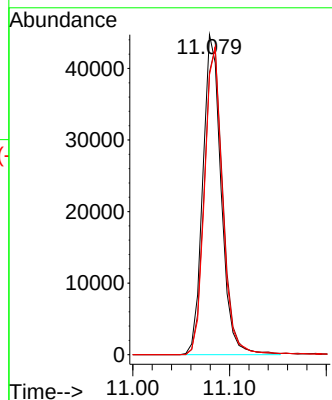
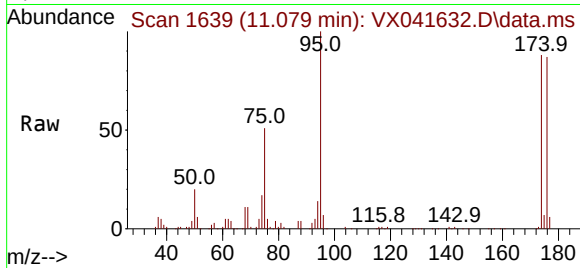




#60
4-Bromofluorobenzene
Concen: 28.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041632.D
Acq: 23 May 2024 16:32

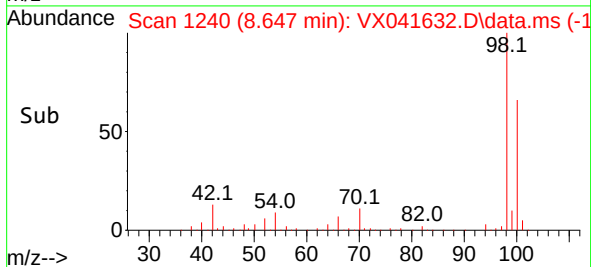
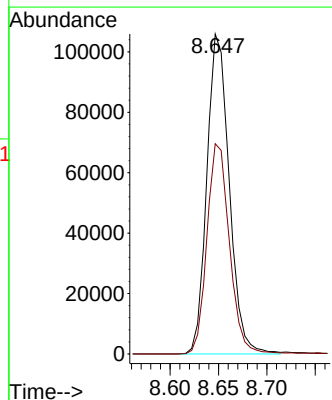
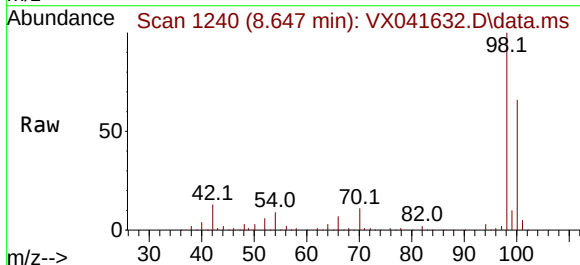
Instrument :
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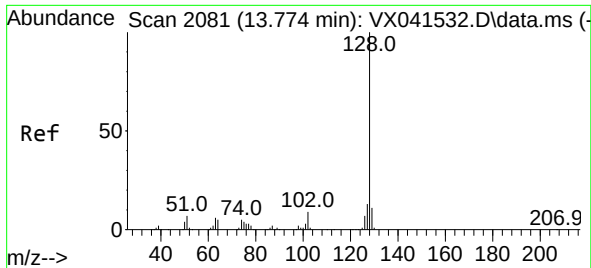
Tgt Ion: 95 Resp: 59021
Ion Ratio Lower Upper
95 100
174 96.8 76.6 115.0
176 94.3 75.4 113.0



#63
Toluene-d8
Concen: 29.815 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041632.D
Acq: 23 May 2024 16:32

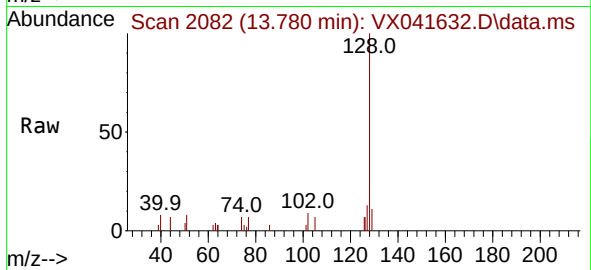
Tgt Ion: 98 Resp: 170437
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





#91
Naphthalene
Concen: 0.563 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041632.D
Acq: 23 May 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
OUTFALL-DSN-002



Tgt Ion:	128	Resp:	4459
Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.6	16.0
129	9.1	8.8	13.2

