

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042950.D
 Acq On : 08 Aug 2024 13:28
 Operator : JC/MD
 Sample : PB162548ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#04

Quant Time: Aug 09 05:08:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 2024
 Response via : Initial Calibration

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

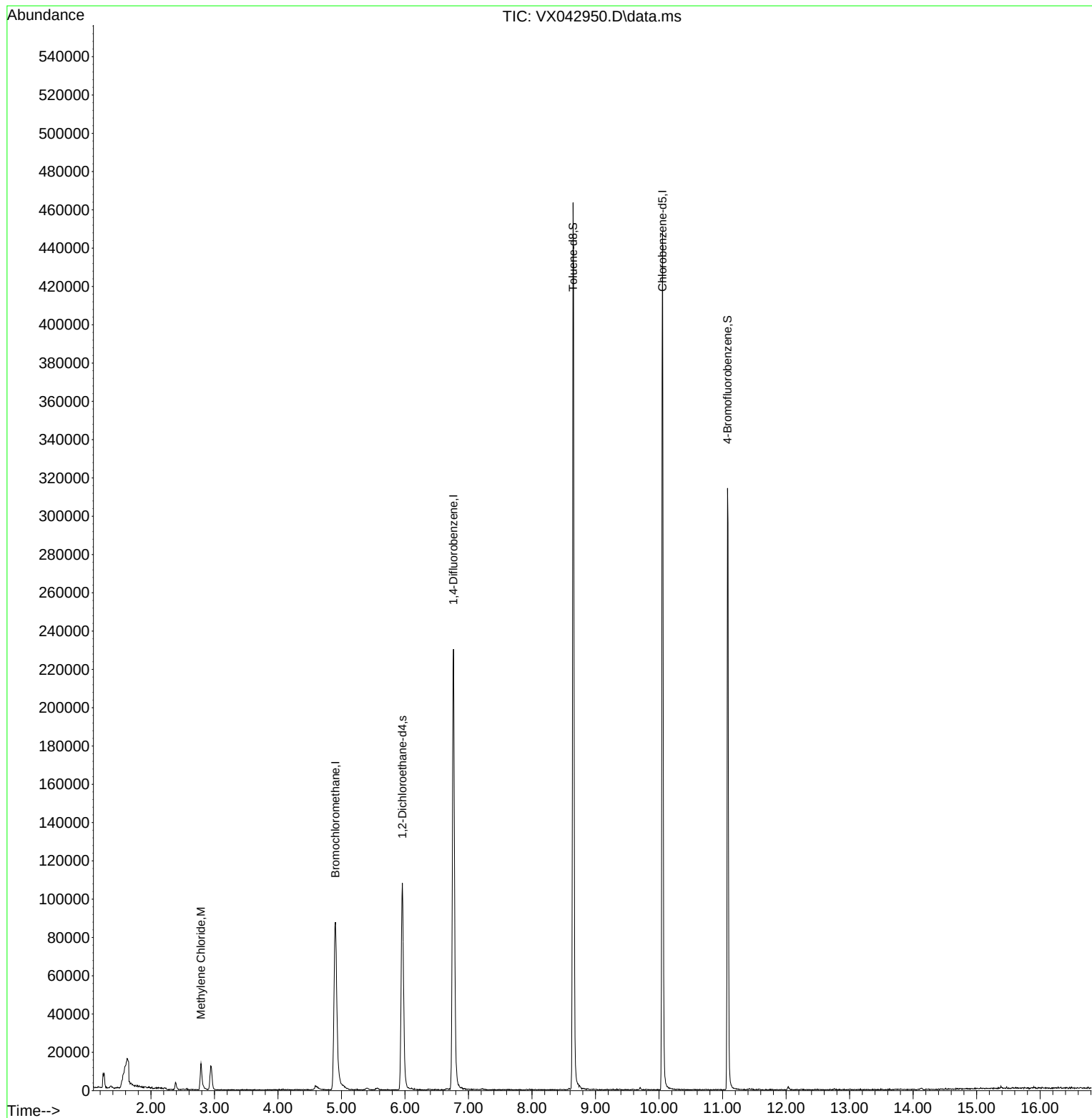
Internal Standards						
1) Bromochloromethane	4.904	128	42216	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	235344	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	208747	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	107488	27.573	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.900%
60) 4-Bromofluorobenzene	11.079	95	88939	26.115	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.067%
63) Toluene-d8	8.647	98	281382	29.842	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.467%
Target Compounds						
18) Methylene Chloride	2.788	84	7241	2.471	ug/l	Qvalue 96

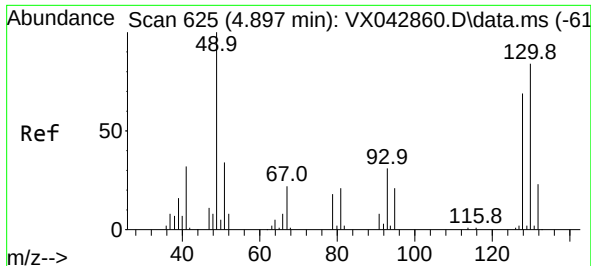
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
Data File : VX042950.D
Acq On : 08 Aug 2024 13:28
Operator : JC/MD
Sample : PB162548ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#04

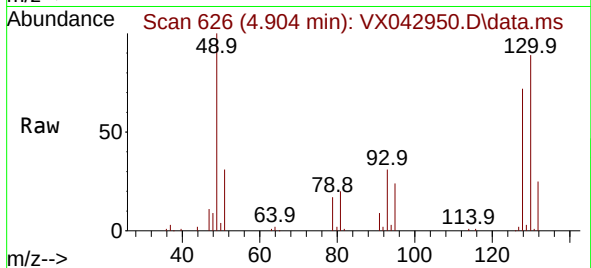
Quant Time: Aug 09 05:08:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 07 04:53:59 2024
Response via : Initial Calibration



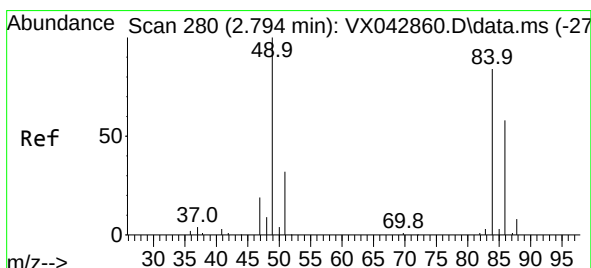
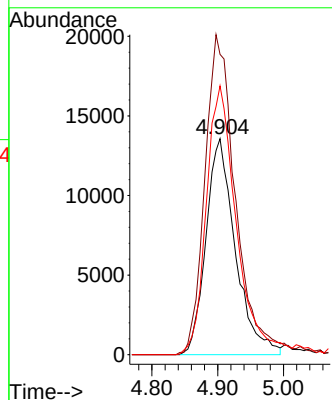
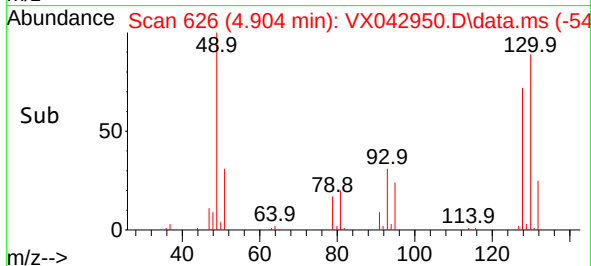


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042950.D
Acq: 08 Aug 2024 13:28

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#04

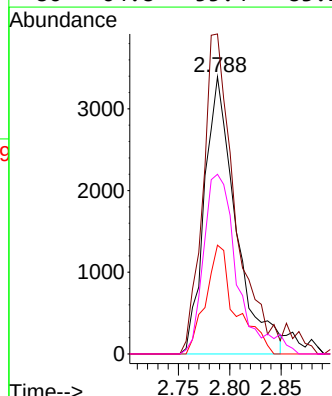
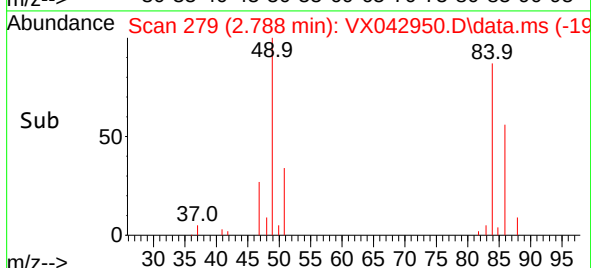
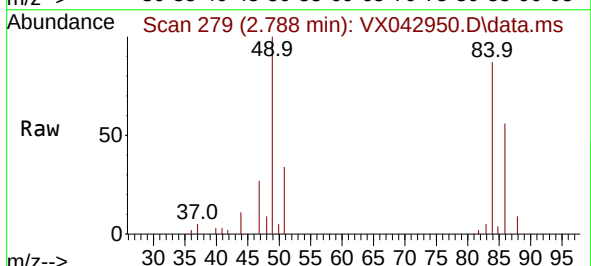


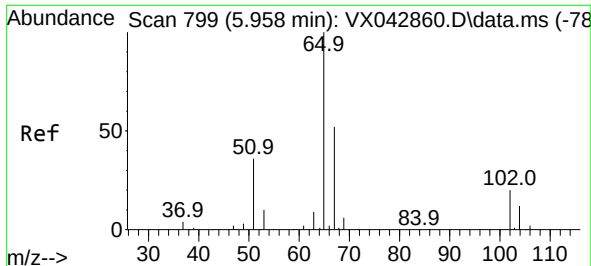
Tgt Ion:128 Resp: 42216
Ion Ratio Lower Upper
128 100
49 154.7 0.0 400.5
130 128.0 0.0 333.0



#18
Methylene Chloride
Concen: 2.471 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX042950.D
Acq: 08 Aug 2024 13:28

Tgt Ion: 84 Resp: 7241
Ion Ratio Lower Upper
84 100
49 115.4 95.0 142.6
51 39.3 30.1 45.1
86 64.8 55.4 83.2

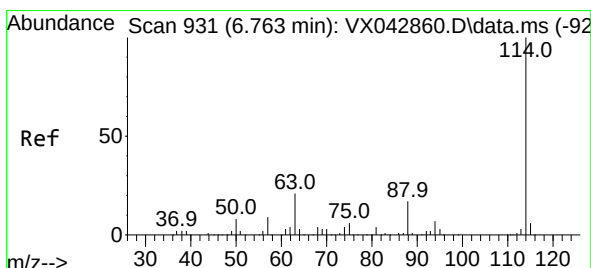
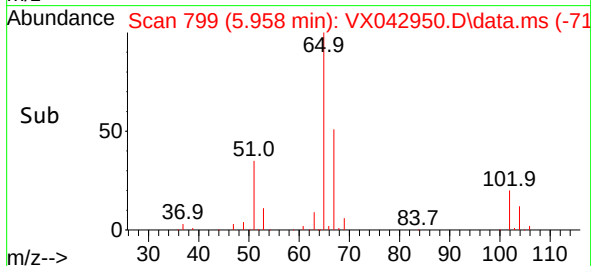
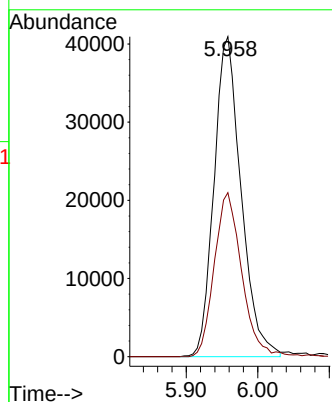
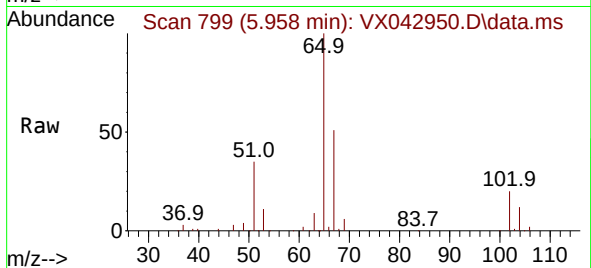




#27
 1,2-Dichloroethane-d4
 Concen: 27.573 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX042950.D
 Acq: 08 Aug 2024 13:28

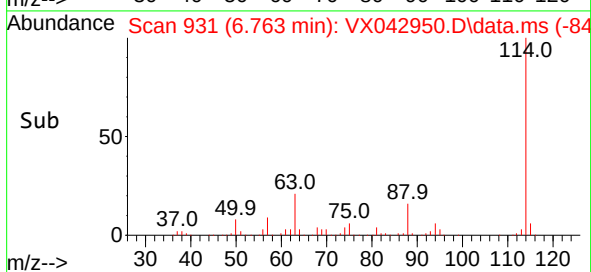
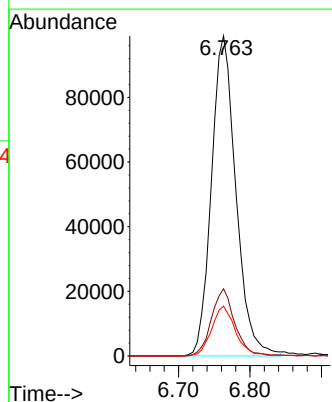
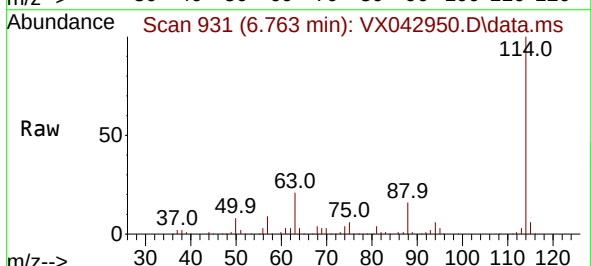
Instrument :
 MSVOA_X
 ClientSampleId :
 PB162548ZHE#04

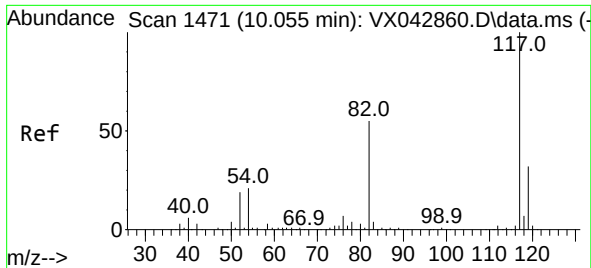
Tgt Ion: 65 Resp: 107488
 Ion Ratio Lower Upper
 65 100
 67 51.3 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042950.D
 Acq: 08 Aug 2024 13:28

Tgt Ion: 114 Resp: 235344
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.0 24.0
 88 15.0 12.5 18.7

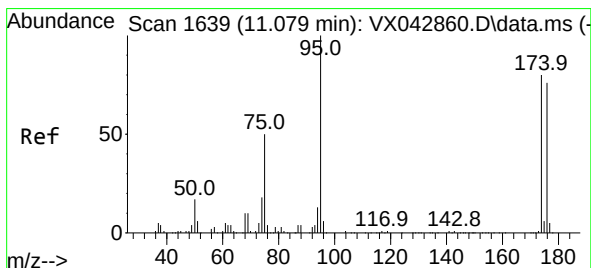
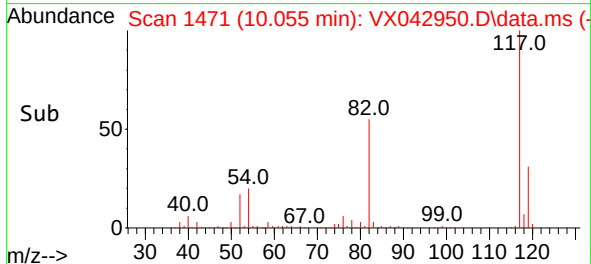
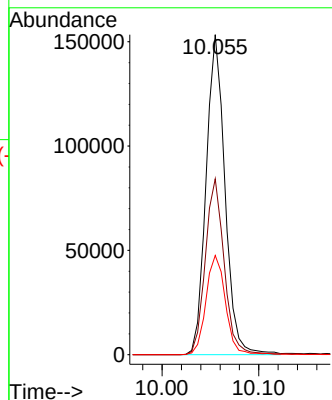
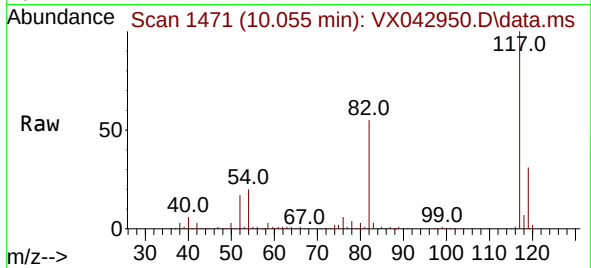




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042950.D
Acq: 08 Aug 2024 13:28

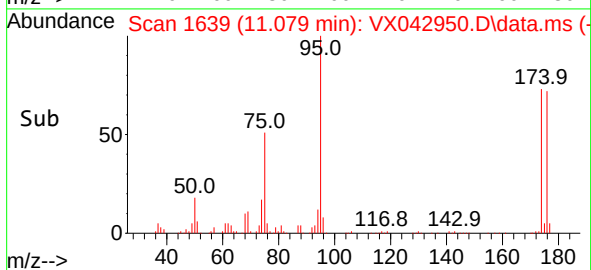
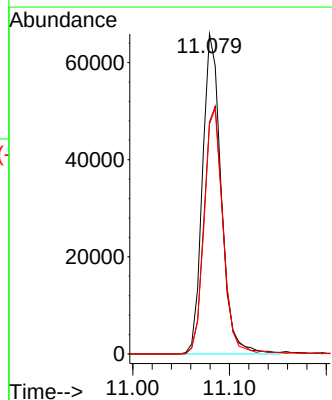
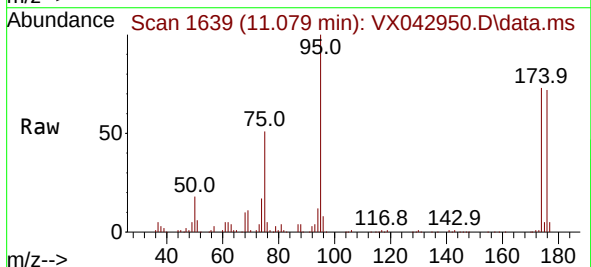
Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#04

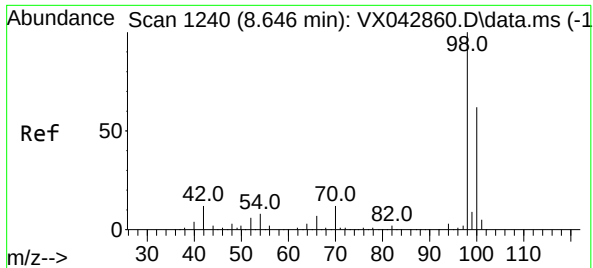
Tgt Ion:117 Resp: 208747
Ion Ratio Lower Upper
117 100
82 54.9 44.9 67.3
119 31.9 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 26.115 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042950.D
Acq: 08 Aug 2024 13:28

Tgt Ion: 95 Resp: 88939
Ion Ratio Lower Upper
95 100
174 78.1 65.0 97.6
176 76.5 63.4 95.0





#63
Toluene-d8
Concen: 29.842 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042950.D
Acq: 08 Aug 2024 13:28

Instrument :
MSVOA_X
ClientSampleId :
PB162548ZHE#04

Tgt Ion: 98 Resp: 281382
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

