

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035815.D
 Acq On : 23 May 2023 15:43
 Operator : JC/MD
 Sample : 02899-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 24 05:49:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

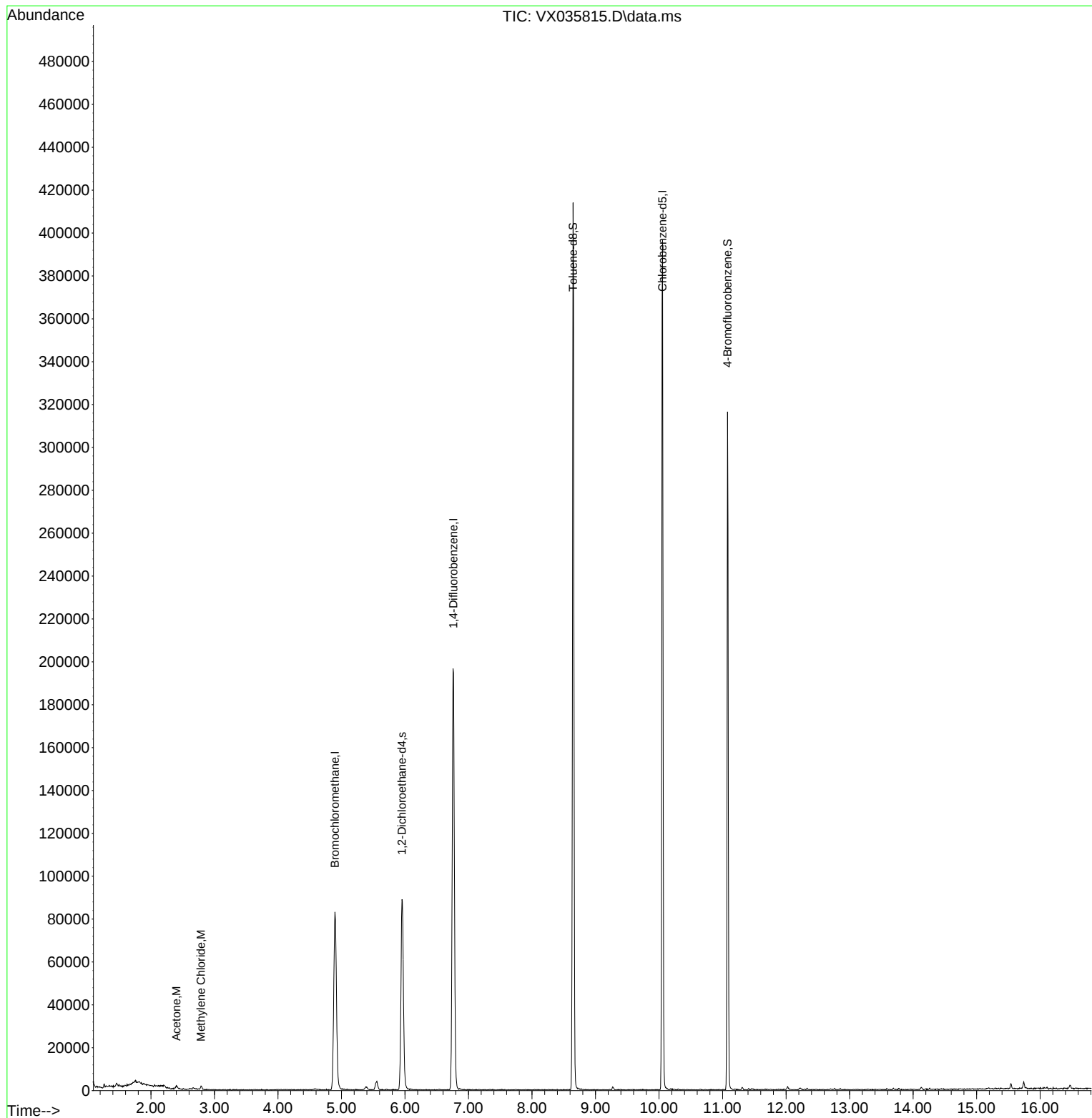
Internal Standards						
1) Bromochloromethane	4.897	128	34304	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	202138	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	172989	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	85759	30.088	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.300%
60) 4-Bromofluorobenzene	11.079	95	80724	27.810	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.700%
63) Toluene-d8	8.647	98	237491	31.055	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.500%
Target Compounds						
					Qvalue	
15) Acetone	2.398	58	663	1.820	ug/l #	43
18) Methylene Chloride	2.788	84	758	0.338	ug/l #	89

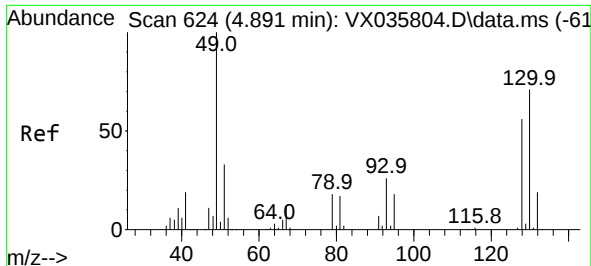
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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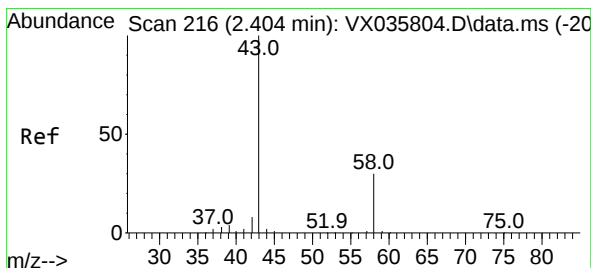
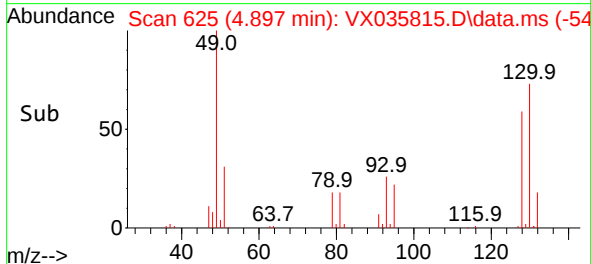
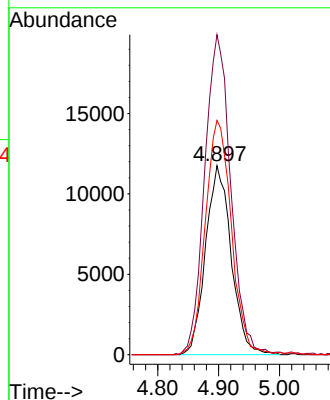
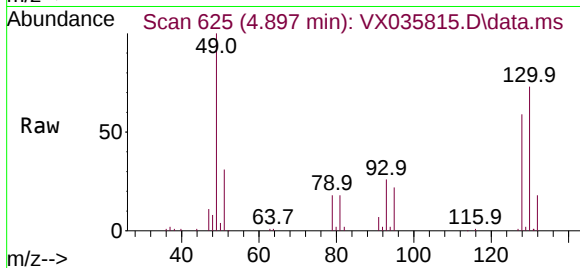




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035815.D
Acq: 23 May 2023 15:43

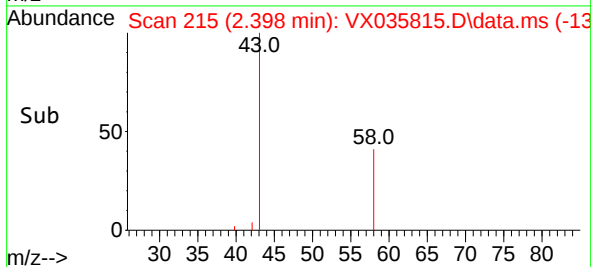
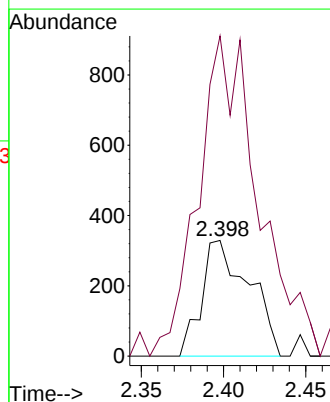
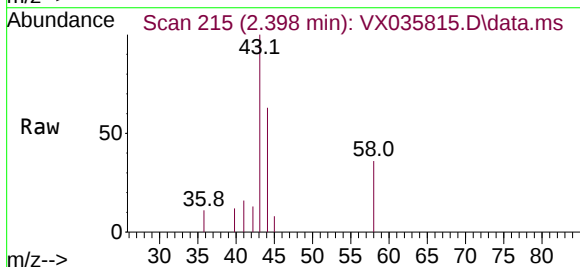
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

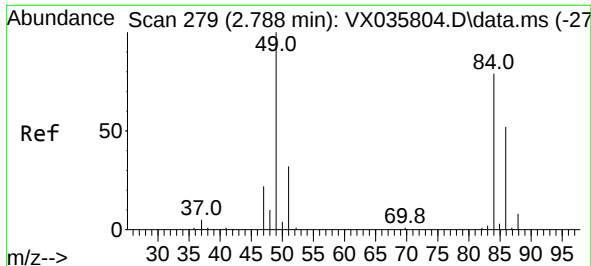
Tgt Ion:128 Resp: 34304
Ion Ratio Lower Upper
128 100
49 171.7 0.0 428.8
130 126.3 0.0 310.8



#15
Acetone
Concen: 1.820 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX035815.D
Acq: 23 May 2023 15:43

Tgt Ion: 58 Resp: 663
Ion Ratio Lower Upper
58 100
43 218.5 270.8 406.2#



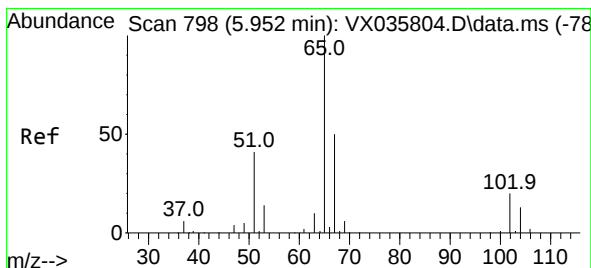
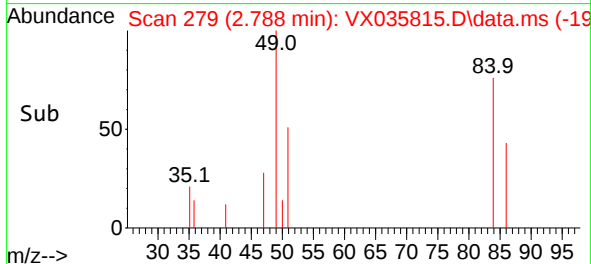
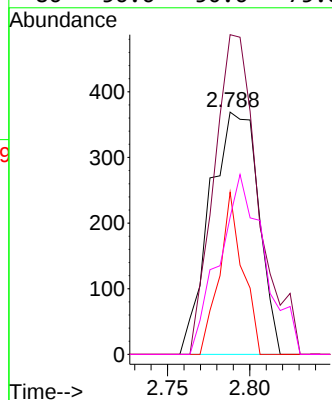
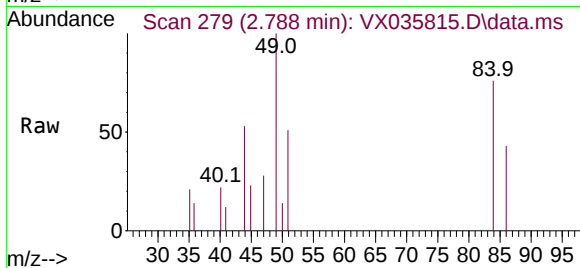


#18
Methylene Chloride
Concen: 0.338 ug/l
RT: 2.788 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX035815.D
Acq: 23 May 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 84 Resp: 758

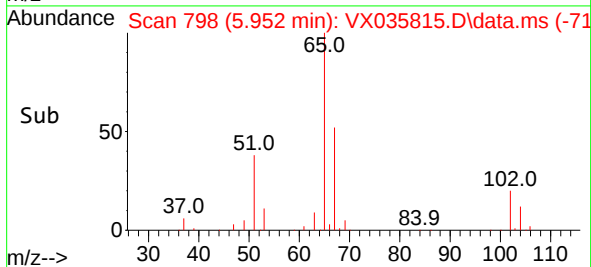
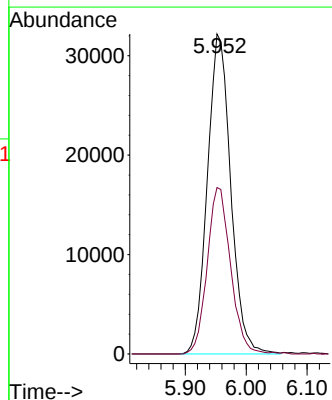
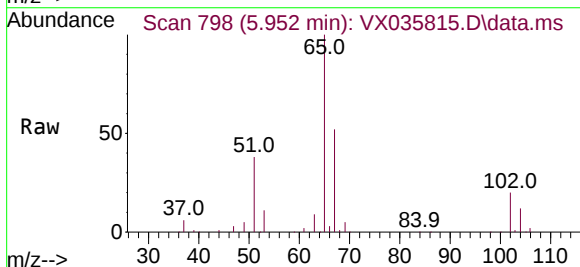
Ion	Ratio	Lower	Upper
84	100		
49	132.0	103.9	155.9
51	66.9	30.6	45.8
86	56.6	50.6	75.8

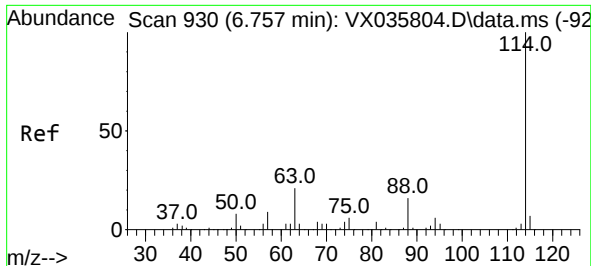


#27
1,2-Dichloroethane-d4
Concen: 30.088 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035815.D
Acq: 23 May 2023 15:43

Tgt Ion: 65 Resp: 85759

Ion	Ratio	Lower	Upper
65	100		
67	52.0	40.9	61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX035815.D

Acq: 23 May 2023 15:43

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

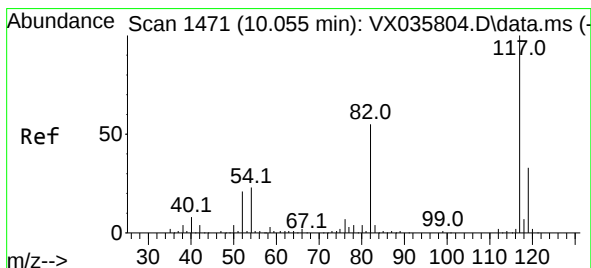
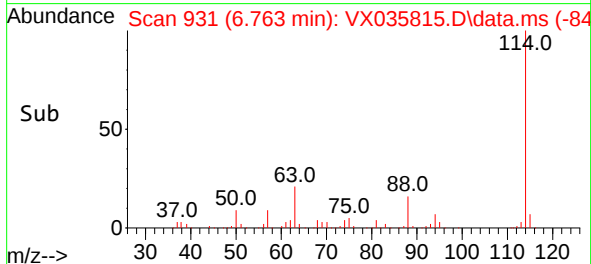
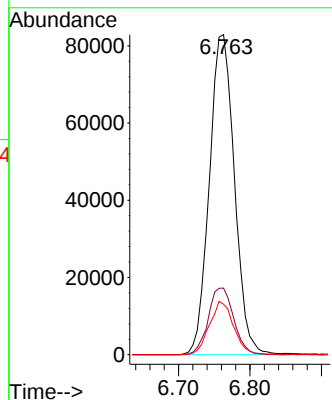
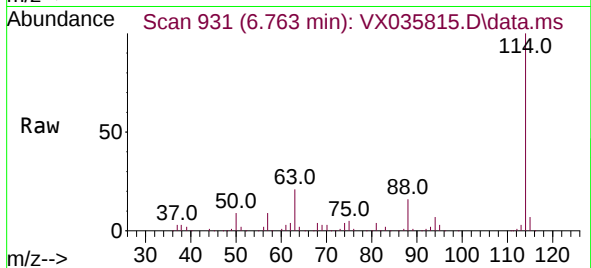
Tgt Ion:114 Resp: 202138

Ion Ratio Lower Upper

114 100

63 21.2 18.0 27.0

88 16.0 13.3 19.9



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX035815.D

Acq: 23 May 2023 15:43

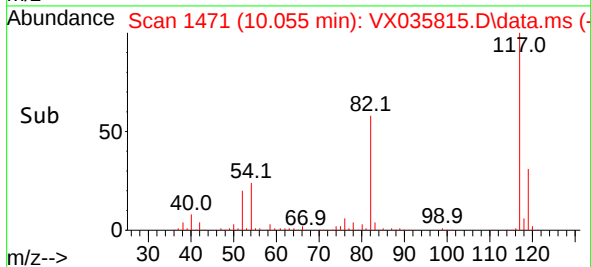
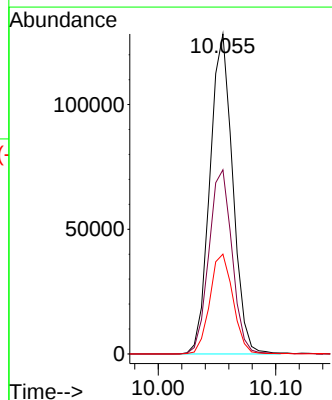
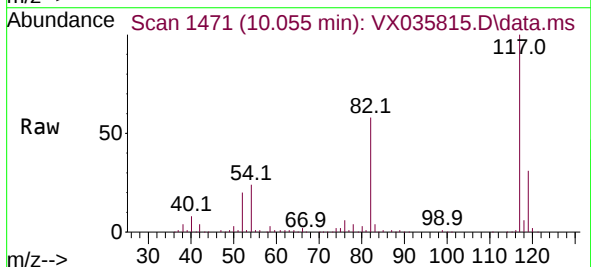
Tgt Ion:117 Resp: 172989

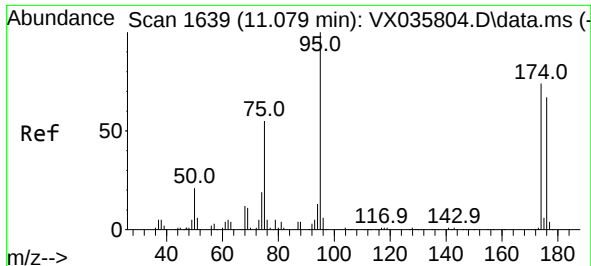
Ion Ratio Lower Upper

117 100

82 58.7 45.8 68.8

119 31.8 25.4 38.0

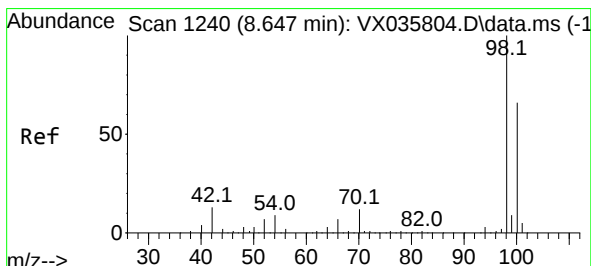
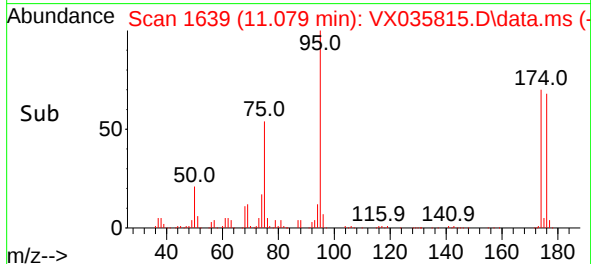
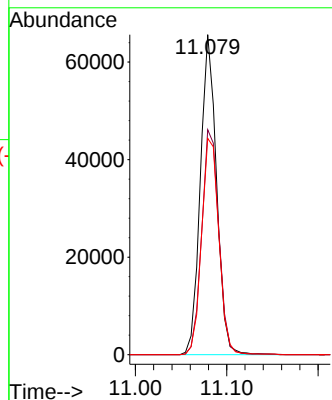
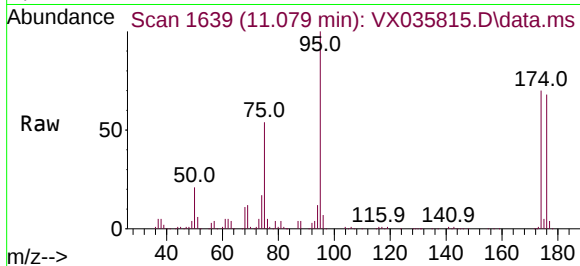




#60
4-Bromofluorobenzene
Concen: 27.810 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035815.D
Acq: 23 May 2023 15:43

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 95 Resp: 80724
Ion Ratio Lower Upper
95 100
174 74.0 0.2 0.4#
176 72.1 0.2 0.2#



#63
Toluene-d8
Concen: 31.055 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035815.D
Acq: 23 May 2023 15:43

Tgt Ion: 98 Resp: 237491
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

