

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041581.D
 Acq On : 21 May 2024 12:06
 Operator : JC/MD
 Sample : P2545-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240515002-16-TRIP-BLANK

Quant Time: May 22 02:53:18 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)

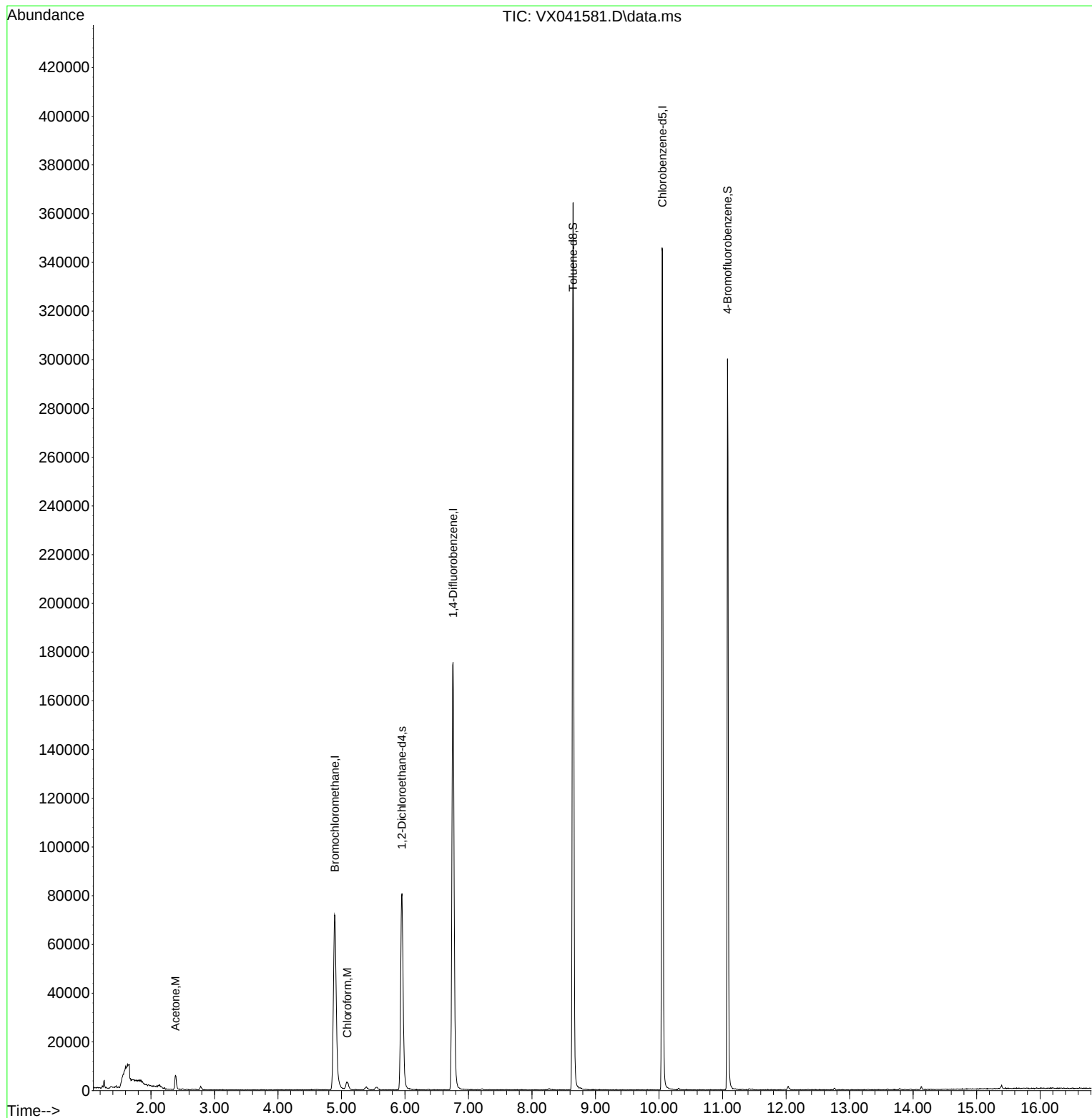
Internal Standards						
1) Bromochloromethane	4.897	128	34166	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	189439	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	170934	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	81387	30.249	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.833%
60) 4-Bromofluorobenzene	11.079	95	74127	27.780	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.600%
63) Toluene-d8	8.647	98	217946	29.745	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.133%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	2002	6.455	ug/l	84
25) Chloroform	5.093	83	4055	1.041	ug/l	96

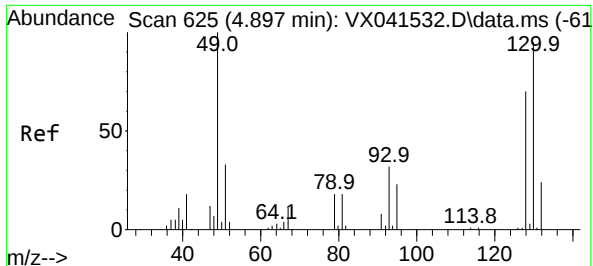
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX041581.D

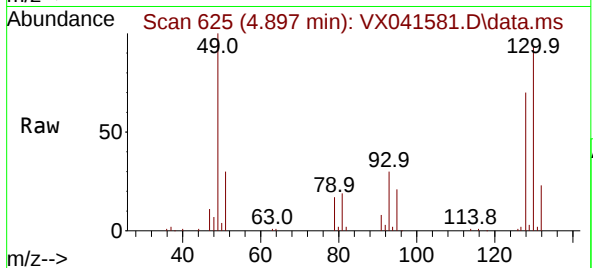
Acq: 21 May 2024 12:06

Instrument :

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ClientSampleId :

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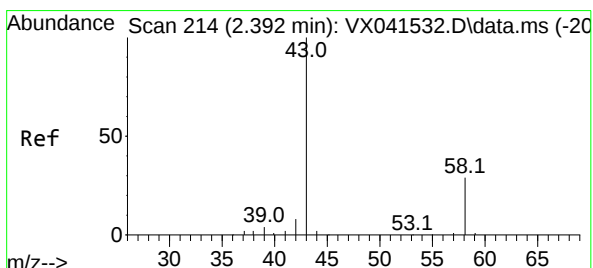
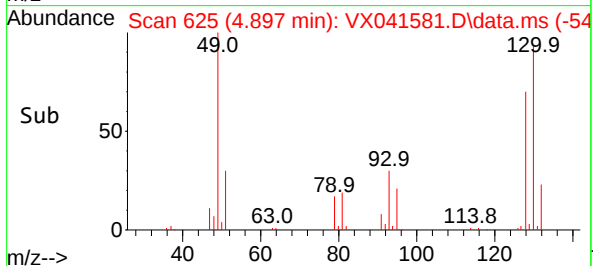
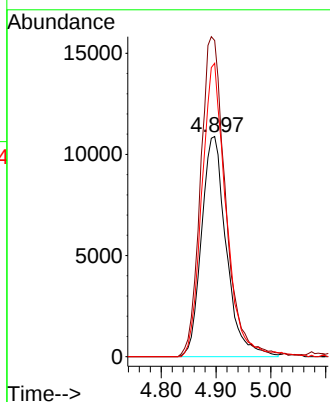
Tgt Ion:128 Resp: 34166

Ion Ratio Lower Upper

128 100

49 147.0 0.0 361.5

130 129.5 0.0 324.3



#15

Acetone

Concen: 6.455 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041581.D

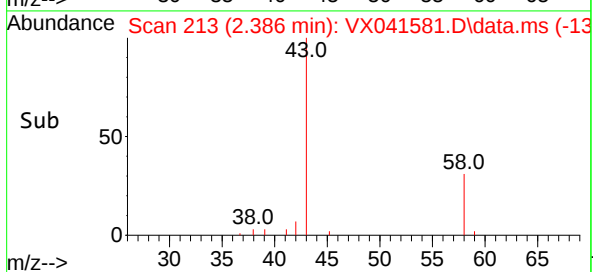
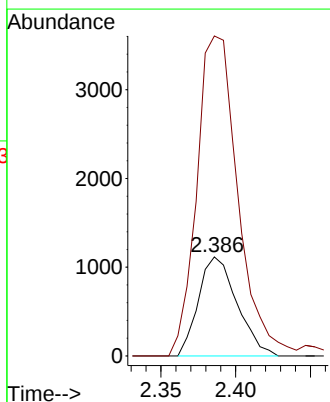
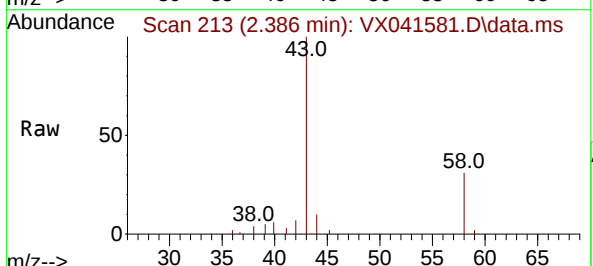
Acq: 21 May 2024 12:06

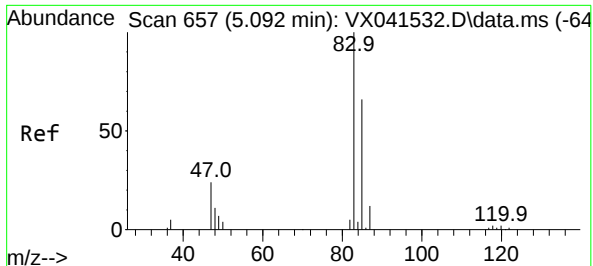
Tgt Ion: 58 Resp: 2002

Ion Ratio Lower Upper

58 100

43 309.2 274.0 411.0





#25

Chloroform

Concen: 1.041 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX041581.D

Acq: 21 May 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

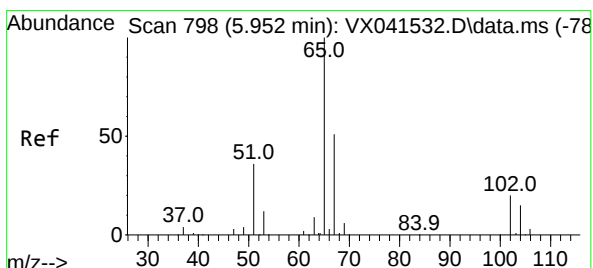
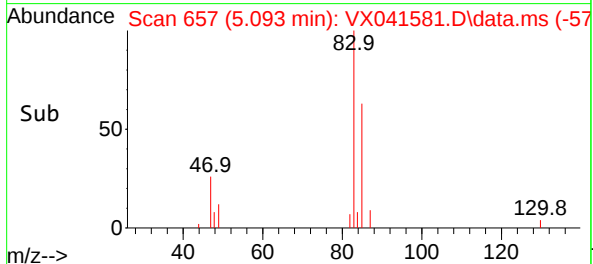
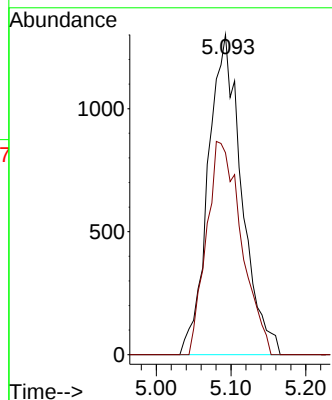
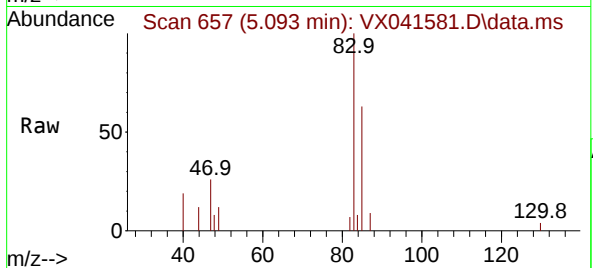
240515002-16-TRIP-BLANK

Tgt Ion: 83 Resp: 4055

Ion Ratio Lower Upper

83 100

85 63.1 52.9 79.3



#27

1,2-Dichloroethane-d4

Concen: 30.249 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041581.D

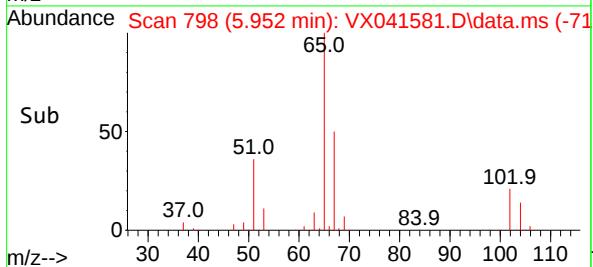
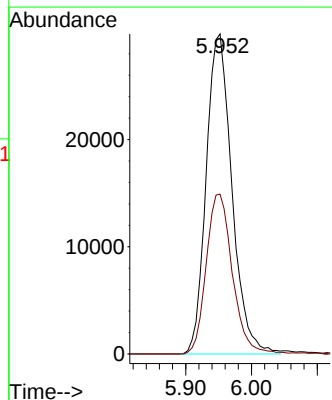
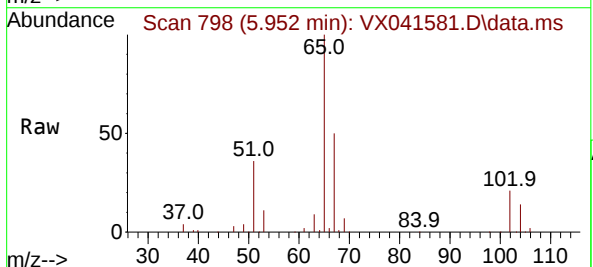
Acq: 21 May 2024 12:06

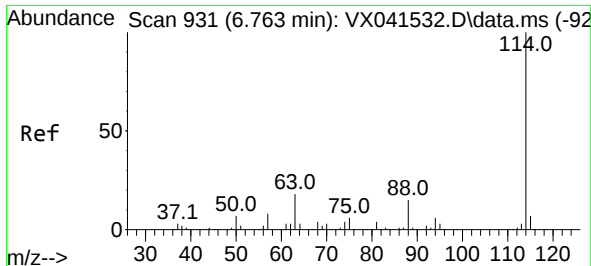
Tgt Ion: 65 Resp: 81387

Ion Ratio Lower Upper

65 100

67 50.4 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX041581.D

Acq: 21 May 2024 12:06

Instrument :

MSVOA_X

ClientSampleId :

240515002-16-TRIP-BLANK

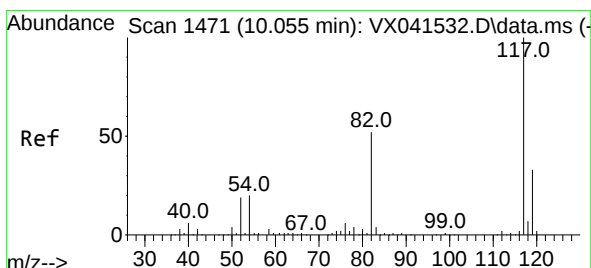
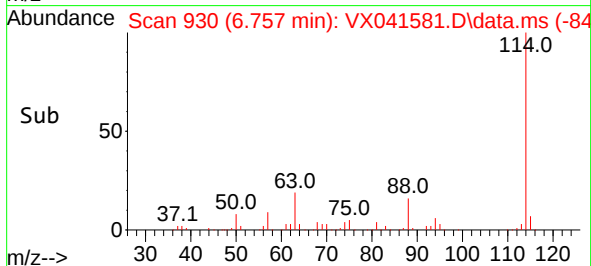
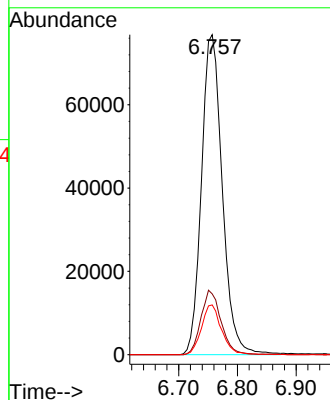
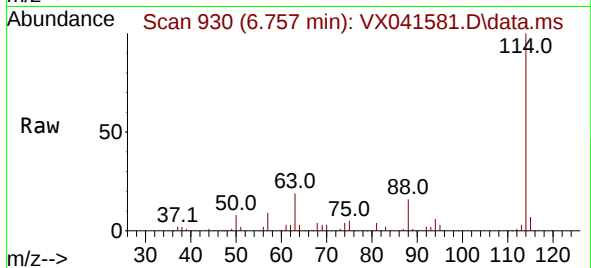
Tgt Ion:114 Resp: 189439

Ion Ratio Lower Upper

114 100

63 19.4 15.4 23.0

88 14.9 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: VX041581.D

Acq: 21 May 2024 12:06

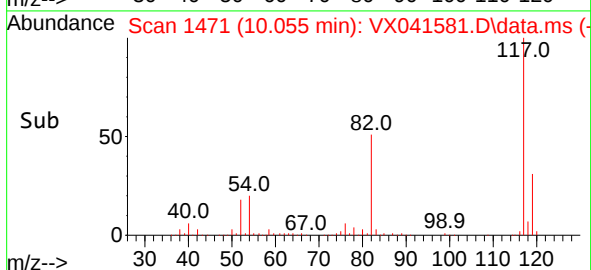
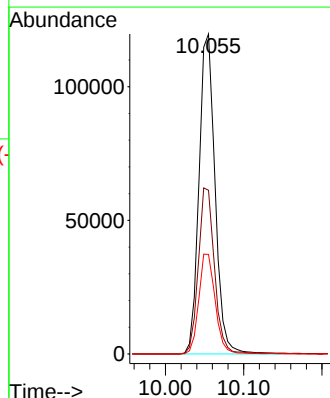
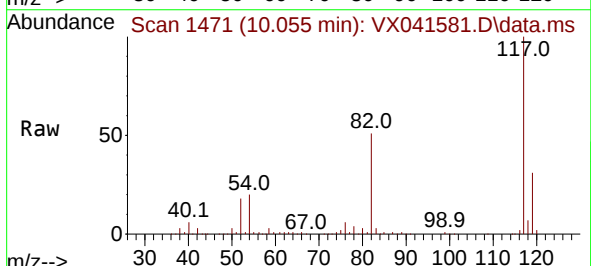
Tgt Ion:117 Resp: 170934

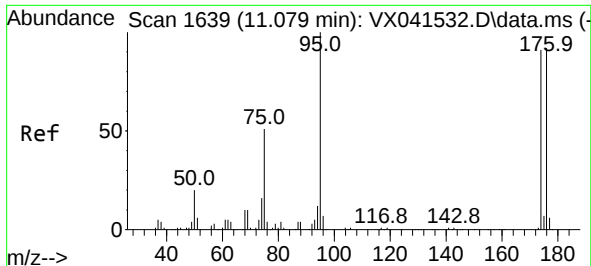
Ion Ratio Lower Upper

117 100

82 52.1 41.7 62.5

119 32.0 25.7 38.5

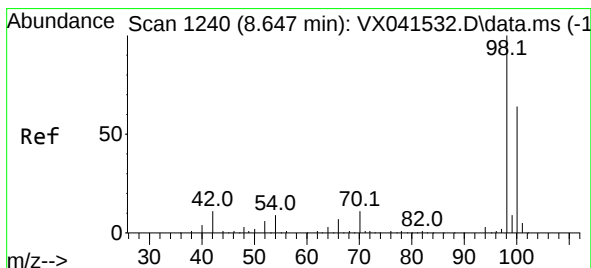
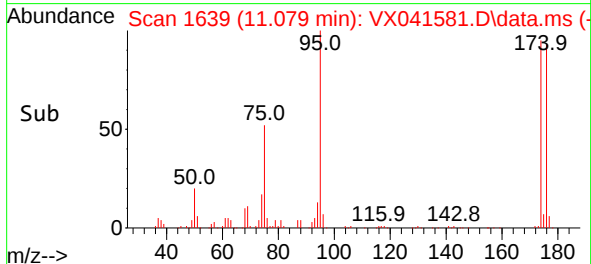
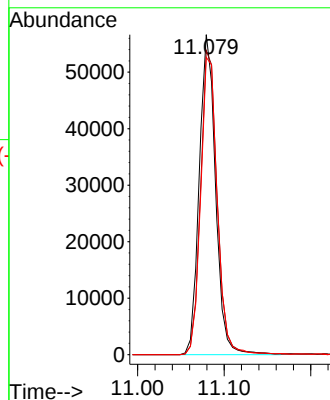
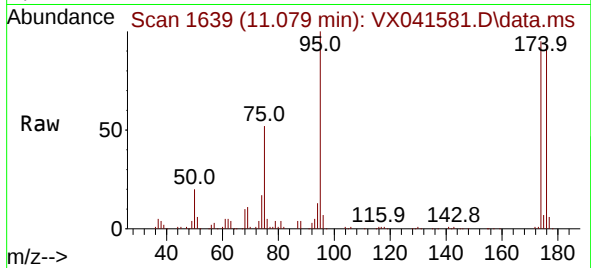




#60
4-Bromofluorobenzene
Concen: 27.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041581.D
Acq: 21 May 2024 12:06

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Tgt Ion: 95 Resp: 74127
Ion Ratio Lower Upper
95 100
174 96.7 76.6 115.0
176 94.7 75.4 113.0



#63
Toluene-d8
Concen: 29.745 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041581.D
Acq: 21 May 2024 12:06

Tgt Ion: 98 Resp: 217946
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

