

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052324\
 Data File : VX041629.D
 Acq On : 23 May 2024 15:22
 Operator : JC/MD
 Sample : P2567-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240520058-01-TB

Quant Time: May 24 06:44:27 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)

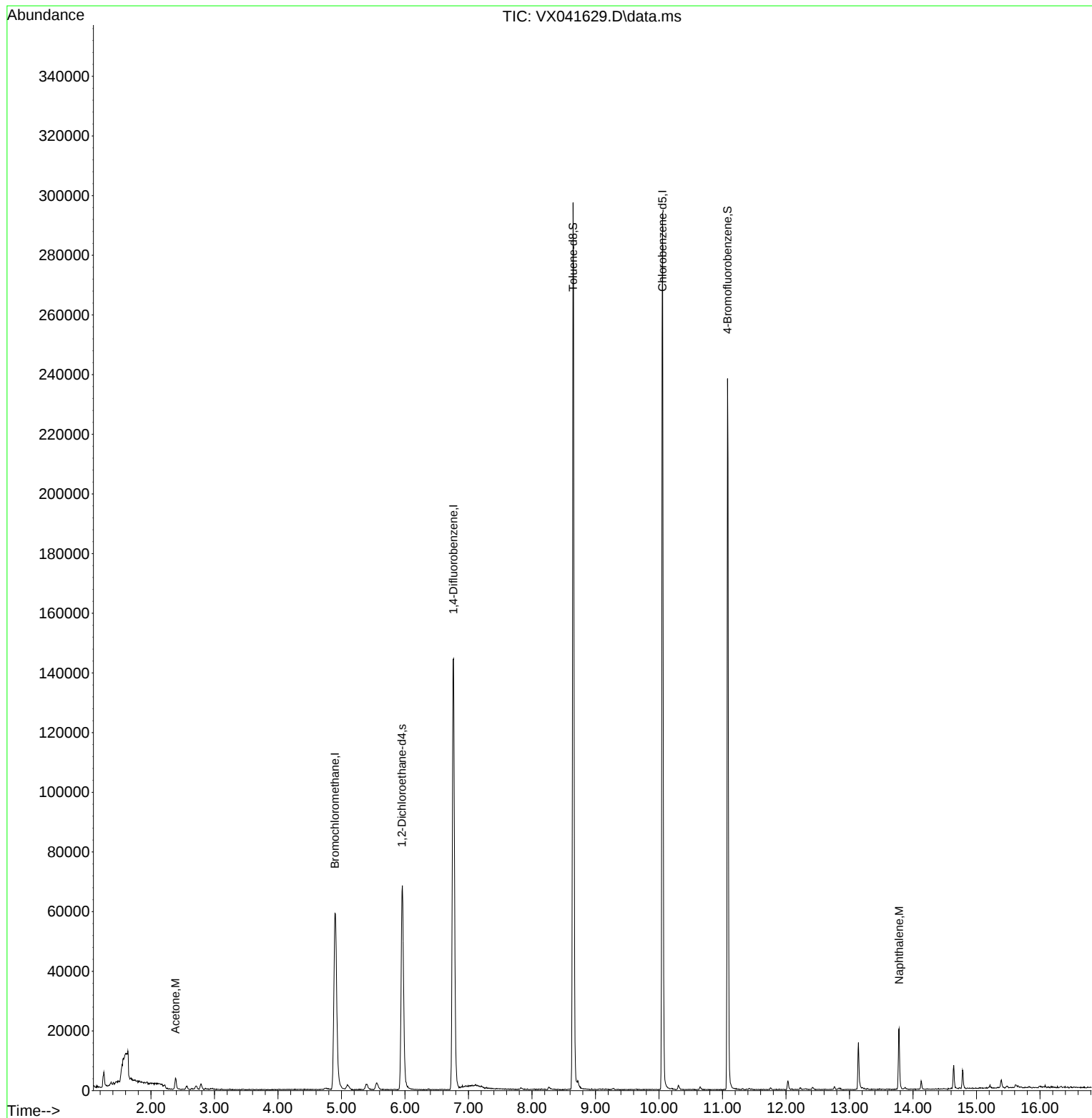
Internal Standards						
1) Bromochloromethane	4.898	128	28712	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	156197	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	138937	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	68700	30.384	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.267%
60) 4-Bromofluorobenzene	11.079	95	60491	27.890	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.967%
63) Toluene-d8	8.647	98	178080	29.901	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.667%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	1120	4.297	ug/l	98
91) Naphthalene	13.780	128	15255	1.850	ug/l	97

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

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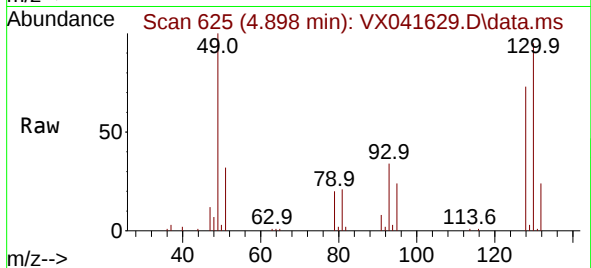
Quant Time: May 24 06:44:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
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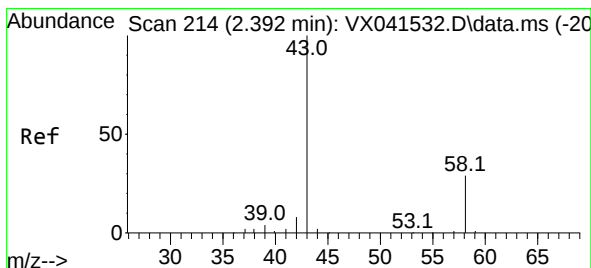
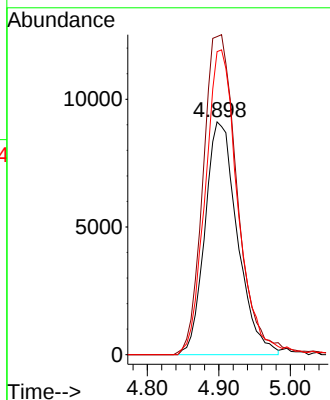
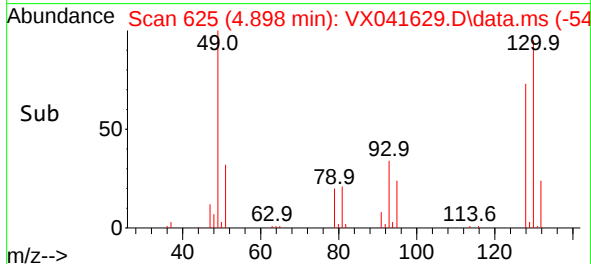


#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.898 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VX041629.D
 Acq: 23 May 2024 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 240520058-01-TB

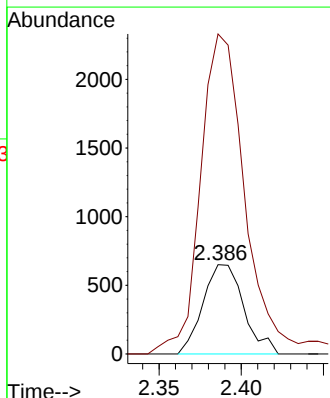
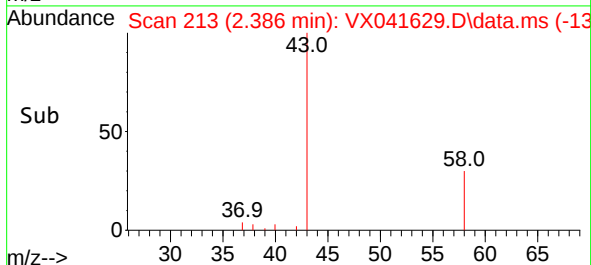
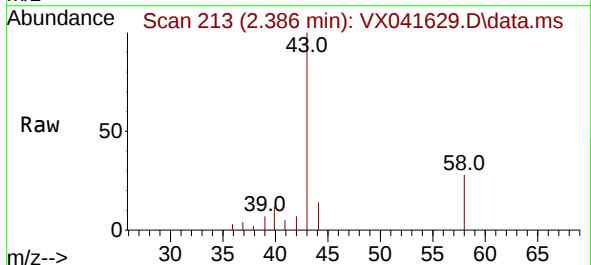


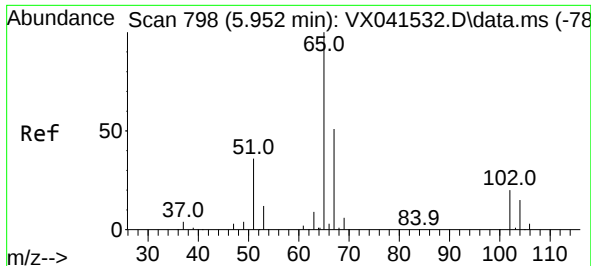
Tgt Ion:	128	Resp:	28712
Ion	Ratio	Lower	Upper
128	100		
49	145.5	0.0	361.5
130	130.6	0.0	324.3



#15
 Acetone
 Concen: 4.297 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX041629.D
 Acq: 23 May 2024 15:22

Tgt Ion:	58	Resp:	1120
Ion	Ratio	Lower	Upper
58	100		
43	339.2	274.0	411.0





#27

1,2-Dichloroethane-d4

Concen: 30.384 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041629.D

Acq: 23 May 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

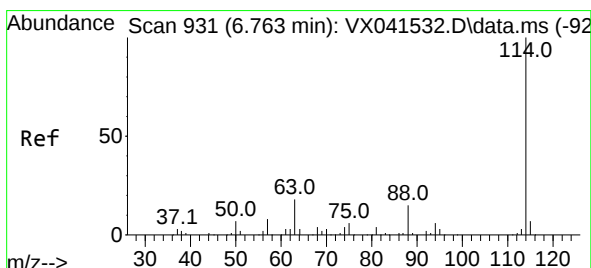
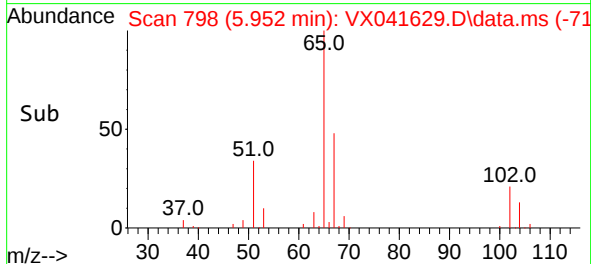
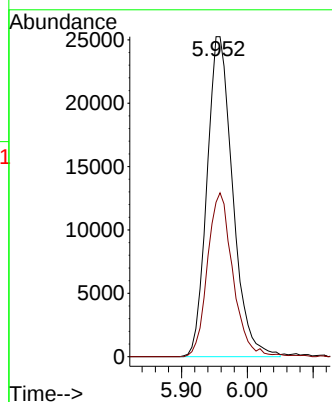
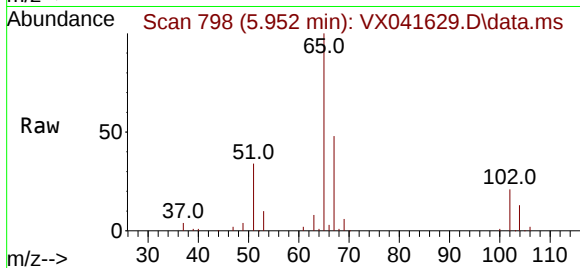
240520058-01-TB

Tgt Ion: 65 Resp: 68700

Ion Ratio Lower Upper

65 100

67 50.1 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041629.D

Acq: 23 May 2024 15:22

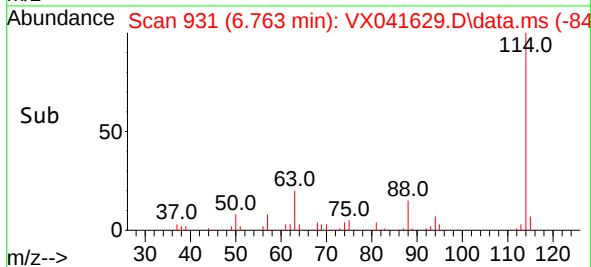
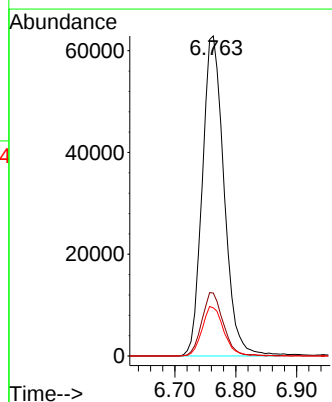
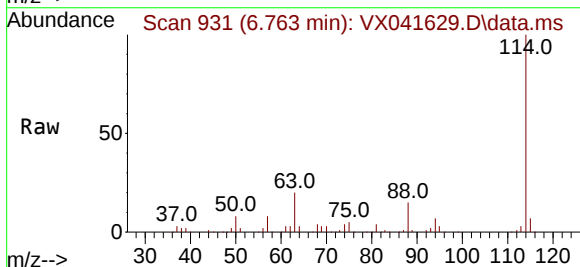
Tgt Ion: 114 Resp: 156197

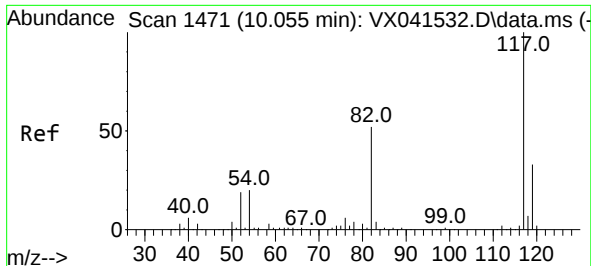
Ion Ratio Lower Upper

114 100

63 19.4 15.4 23.0

88 15.2 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: VX041629.D

Acq: 23 May 2024 15:22

Instrument :

MSVOA_X

ClientSampleId :

240520058-01-TB

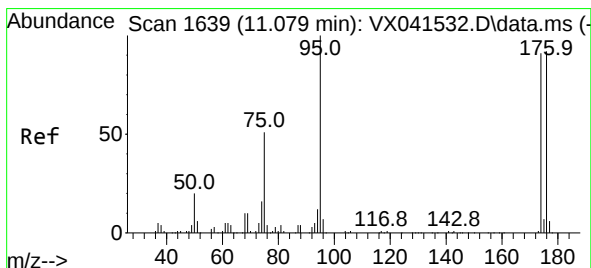
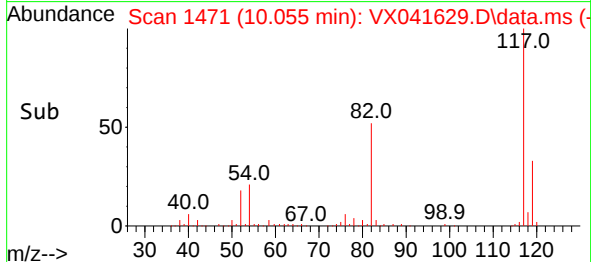
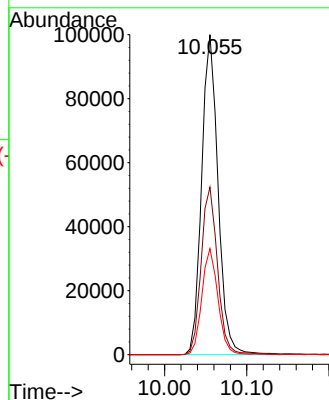
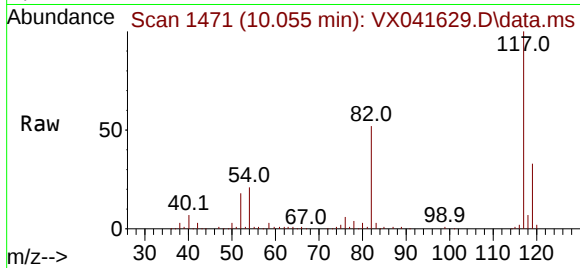
Tgt Ion:117 Resp: 138937

Ion Ratio Lower Upper

117 100

82 52.3 41.7 62.5

119 32.3 25.7 38.5



#60

4-Bromofluorobenzene

Concen: 27.890 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041629.D

Acq: 23 May 2024 15:22

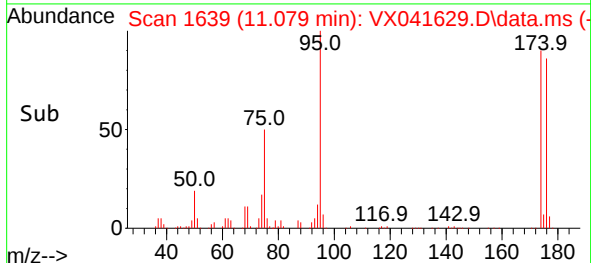
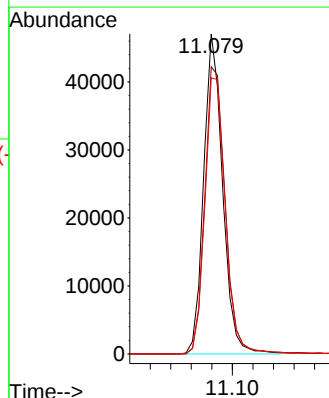
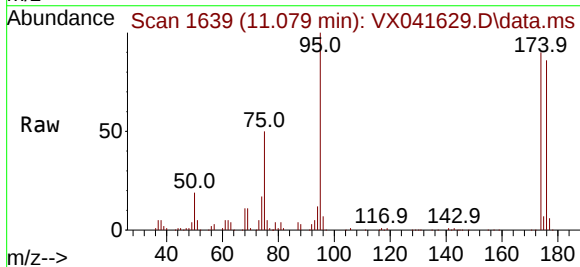
Tgt Ion: 95 Resp: 60491

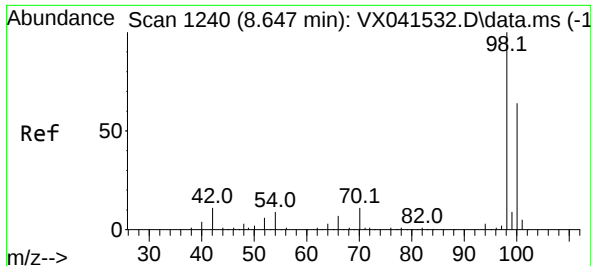
Ion Ratio Lower Upper

95 100

174 96.5 76.6 115.0

176 92.7 75.4 113.0

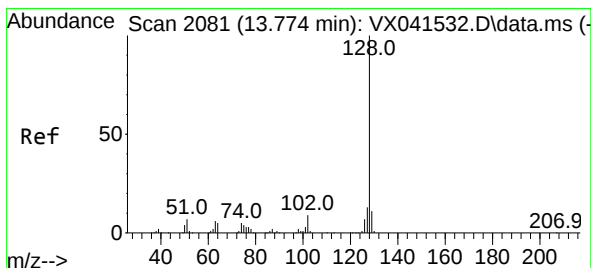
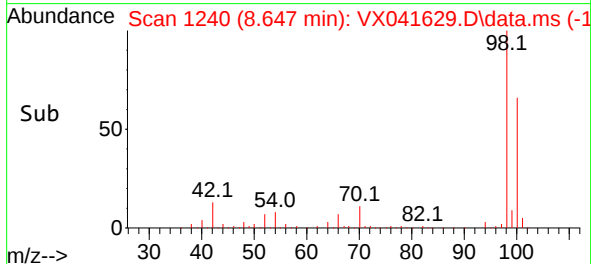
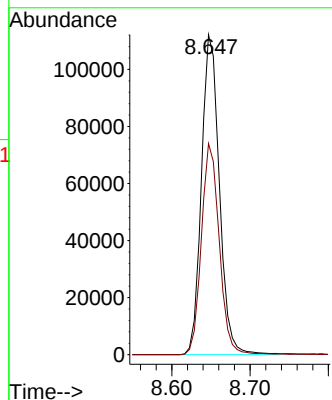
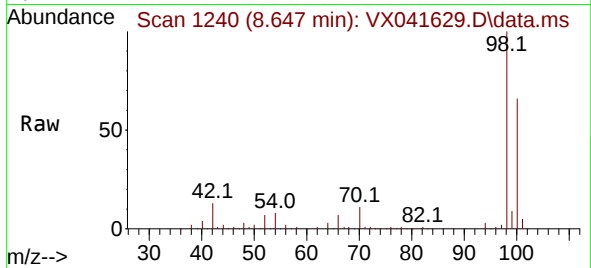




#63
Toluene-d8
Concen: 29.901 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041629.D
Acq: 23 May 2024 15:22

Instrument :
MSVOA_X
ClientSampleId :
240520058-01-TB

Tgt Ion: 98 Resp: 178080
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#91
Naphthalene
Concen: 1.850 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041629.D
Acq: 23 May 2024 15:22

Tgt Ion:128 Resp: 15255
Ion Ratio Lower Upper
128 100
127 11.5 10.6 16.0
129 11.5 8.8 13.2

