

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
 Data File : VX041904.D
 Acq On : 17 Jun 2024 13:01
 Operator : JC/MD
 Sample : P2896-01DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240612045-01DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/18/2024
 Supervised By : Mahesh Dadoda 06/18/2024

Quant Time: Jun 17 13:27:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	31552	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	174698	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	159078	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	65435	30.126	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.433%
60) 4-Bromofluorobenzene	11.079	95	67679	27.485	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.600%
63) Toluene-d8	8.647	98	205638	30.215	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.700%
Target Compounds						
15) Acetone	2.392	58	38210	114.471	ug/l	96
18) Methylene Chloride	2.782	84	1783m	0.806	ug/l	

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

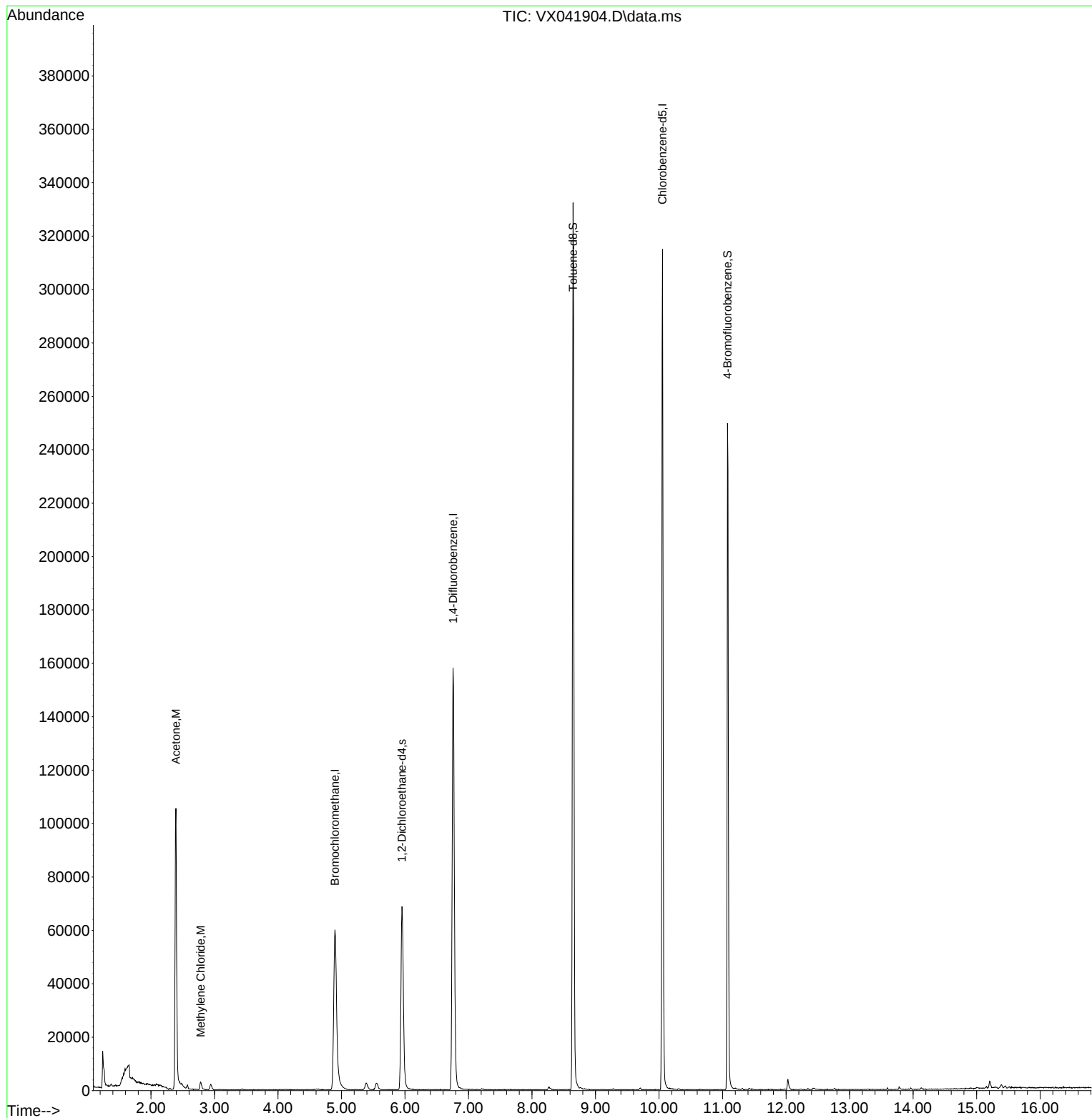
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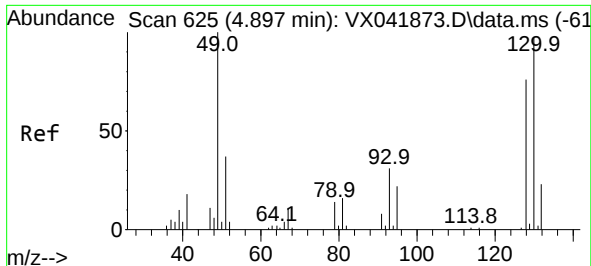
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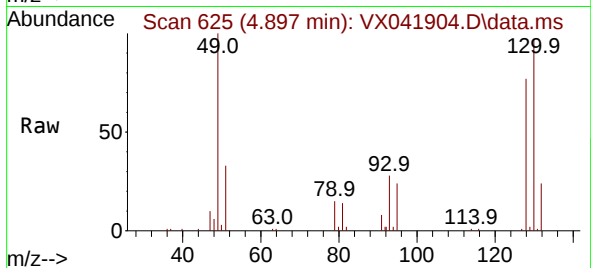
Quant Time: Jun 17 13:27:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041904.D
Acq: 17 Jun 2024 13:01

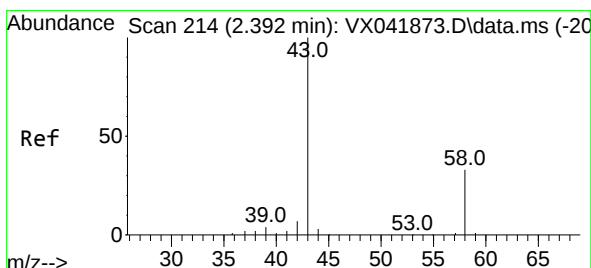
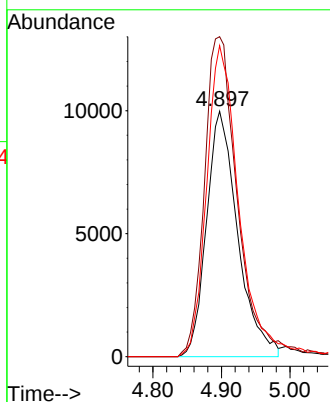
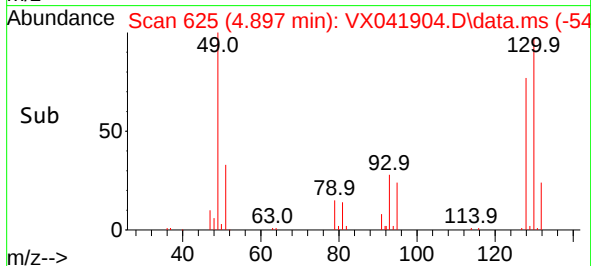
Instrument :
MSVOA_X
ClientSampleId :
240612045-01DL



Tgt Ion:128 Resp: 3155
Ion Ratio Lower Upper
128 100
49 137.3 0.0 338.5
130 130.7 0.0 324.5

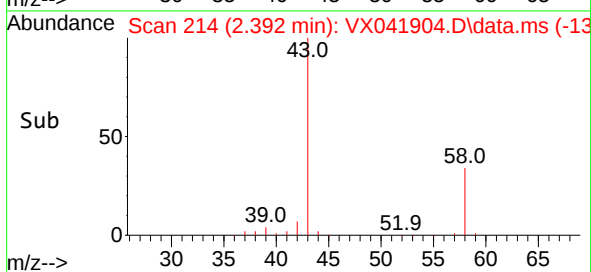
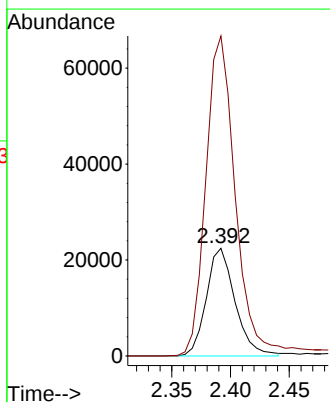
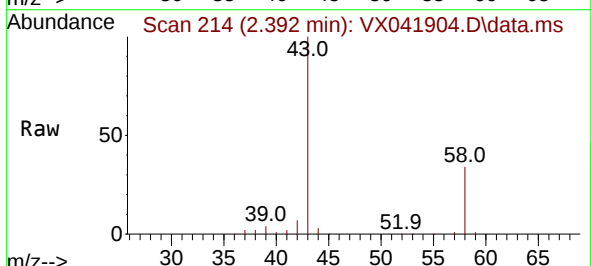
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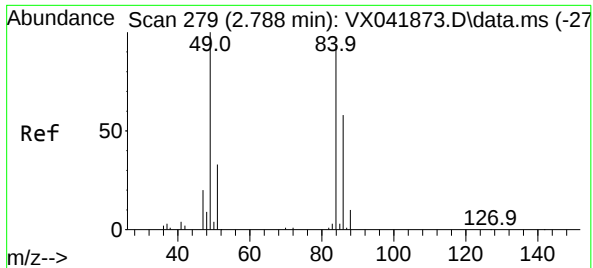
Reviewed By :John Carlone 06/18/2024
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#15
Acetone
Concen: 114.471 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041904.D
Acq: 17 Jun 2024 13:01

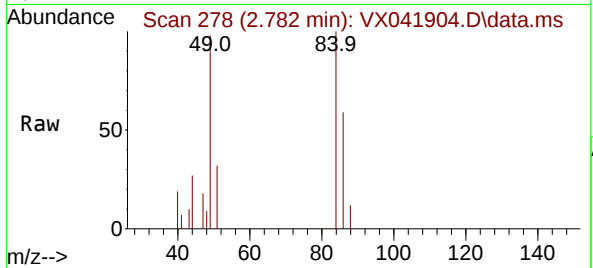
Tgt Ion: 58 Resp: 38210
Ion Ratio Lower Upper
58 100
43 296.8 243.4 365.2





#18
Methylene Chloride
Concen: 0.806 ug/l m
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041904.D
Acq: 17 Jun 2024 13:01

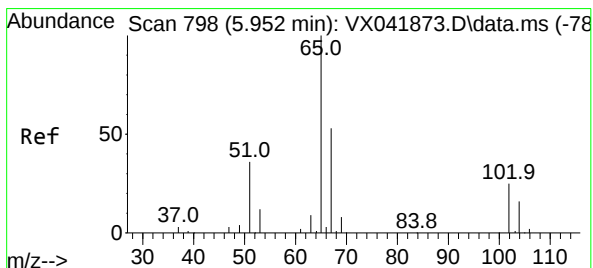
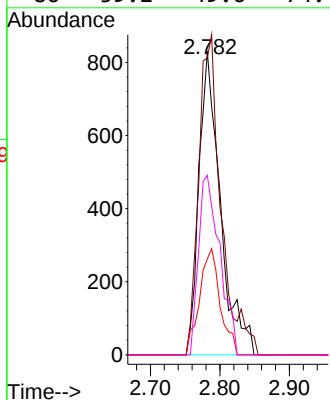
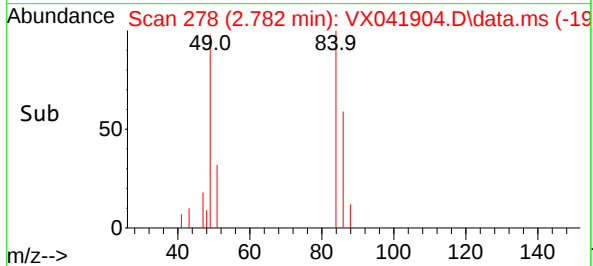
Instrument :
MSVOA_X
ClientSampleId :
240612045-01DL



Tgt Ion: 84	Resp: 178
Ion Ratio	Lower Upper
84	100
49	97.8 85.3 127.9
51	31.6 28.5 42.7
86	59.2 49.6 74.4

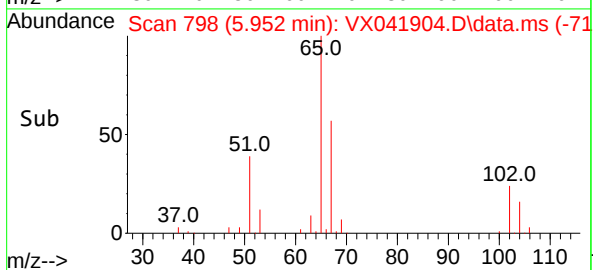
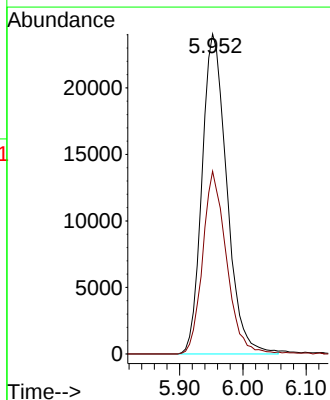
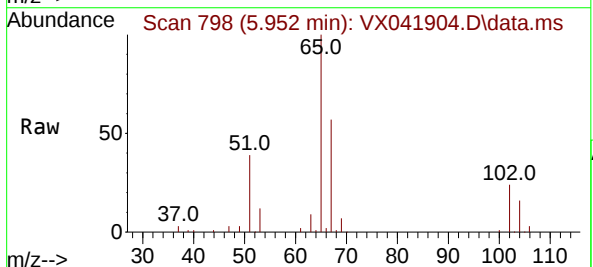
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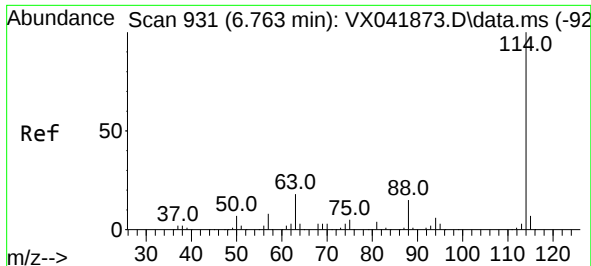
Reviewed By :John Carlone 06/18/2024
Supervised By :Mahesh Dadoda 06/18/2024



#27
1,2-Dichloroethane-d4
Concen: 30.126 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041904.D
Acq: 17 Jun 2024 13:01

Tgt Ion: 65	Resp: 65435
Ion Ratio	Lower Upper
65	100
67	54.9 43.4 65.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX041904.D

Acq: 17 Jun 2024 13:01

Instrument :

MSVOA_X

ClientSampleId :

240612045-01DL

Tgt Ion:114 Resp: 174698

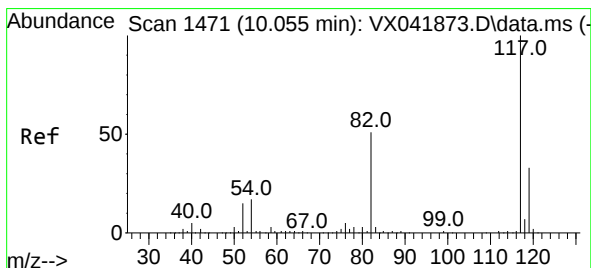
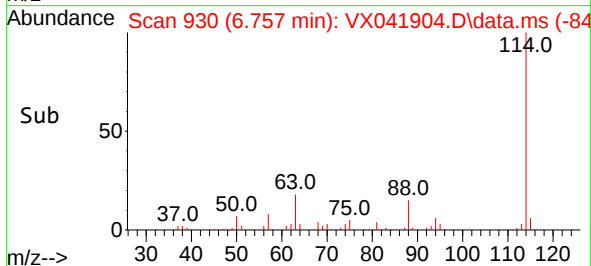
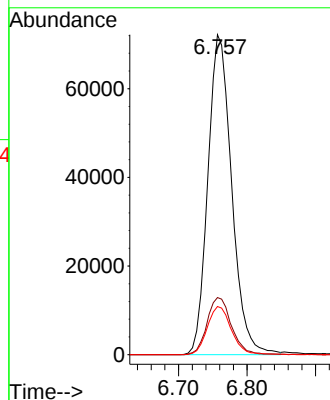
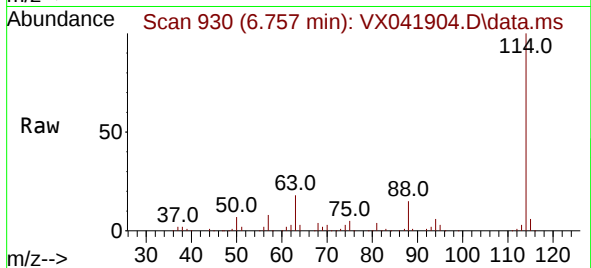
Ion	Ratio	Lower	Upper
114	100		
63	18.1	14.6	21.8
88	15.1	11.8	17.8

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

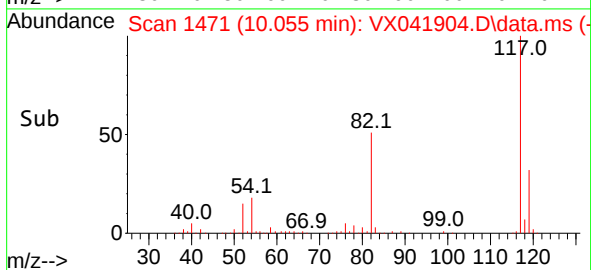
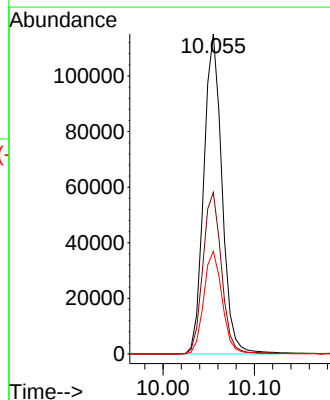
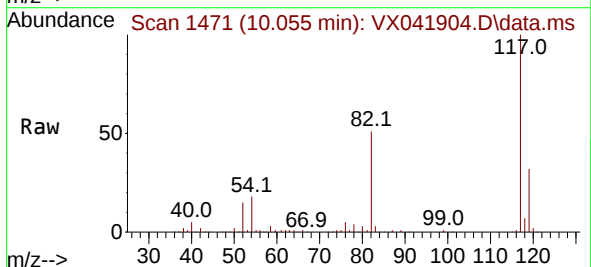
Delta R.T. -0.000 min

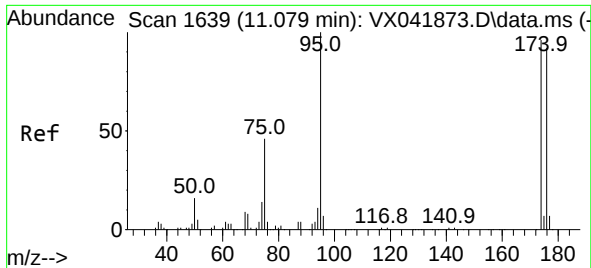
Lab File: VX041904.D

Acq: 17 Jun 2024 13:01

Tgt Ion:117 Resp: 159078

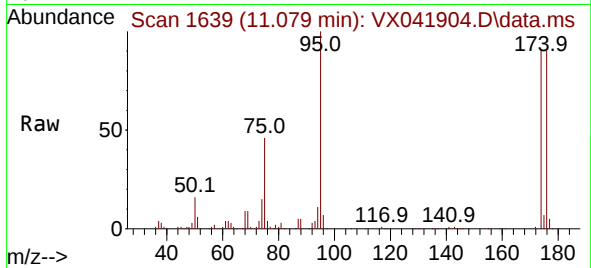
Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.1	61.7
119	32.5	26.1	39.1





#60
4-Bromofluorobenzene
Concen: 27.485 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041904.D
Acq: 17 Jun 2024 13:01

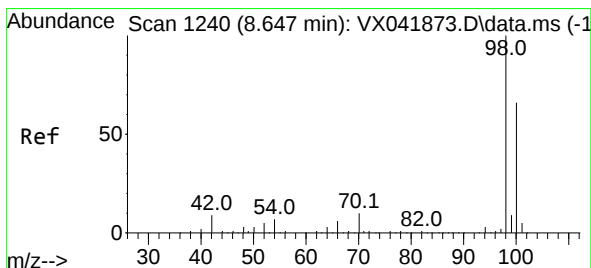
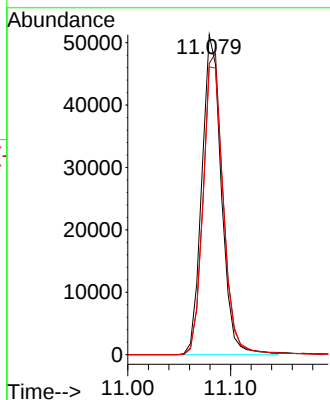
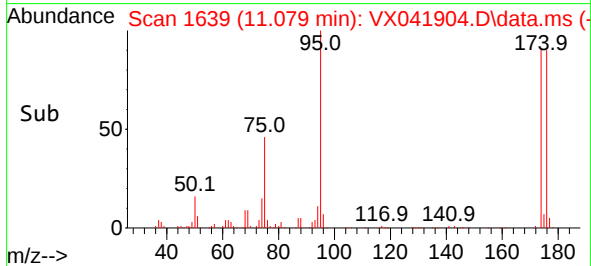
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Tgt Ion: 95 Resp: 67679
Ion Ratio Lower Upper
95 100
174 96.4 78.9 118.3
176 94.7 77.1 115.7

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Supervised By :Mahesh Dadoda 06/18/2024



#63
Toluene-d8
Concen: 30.215 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041904.D
Acq: 17 Jun 2024 13:01

Tgt Ion: 98 Resp: 205638
Ion Ratio Lower Upper
98 100
100 66.8 52.7 79.1

