

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035882.D
 Acq On : 26 May 2023 03:59
 Operator : JC/MD
 Sample : 02945-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/26/2023
 Supervised By : Mahesh Dadoda 05/26/2023

Quant Time: May 26 09:23:16 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	27937	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	162672	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	143366	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	74128	31.934	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.433%
60) 4-Bromofluorobenzene	11.079	95	66641	27.702	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.333%
63) Toluene-d8	8.647	98	191792	30.261	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.867%
Target Compounds						
15) Acetone	2.392	58	591	1.992	ug/l	Qvalue # 27
24) Methyl tert-Butyl Ether	3.117	73	2628m	0.466	ug/l	

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

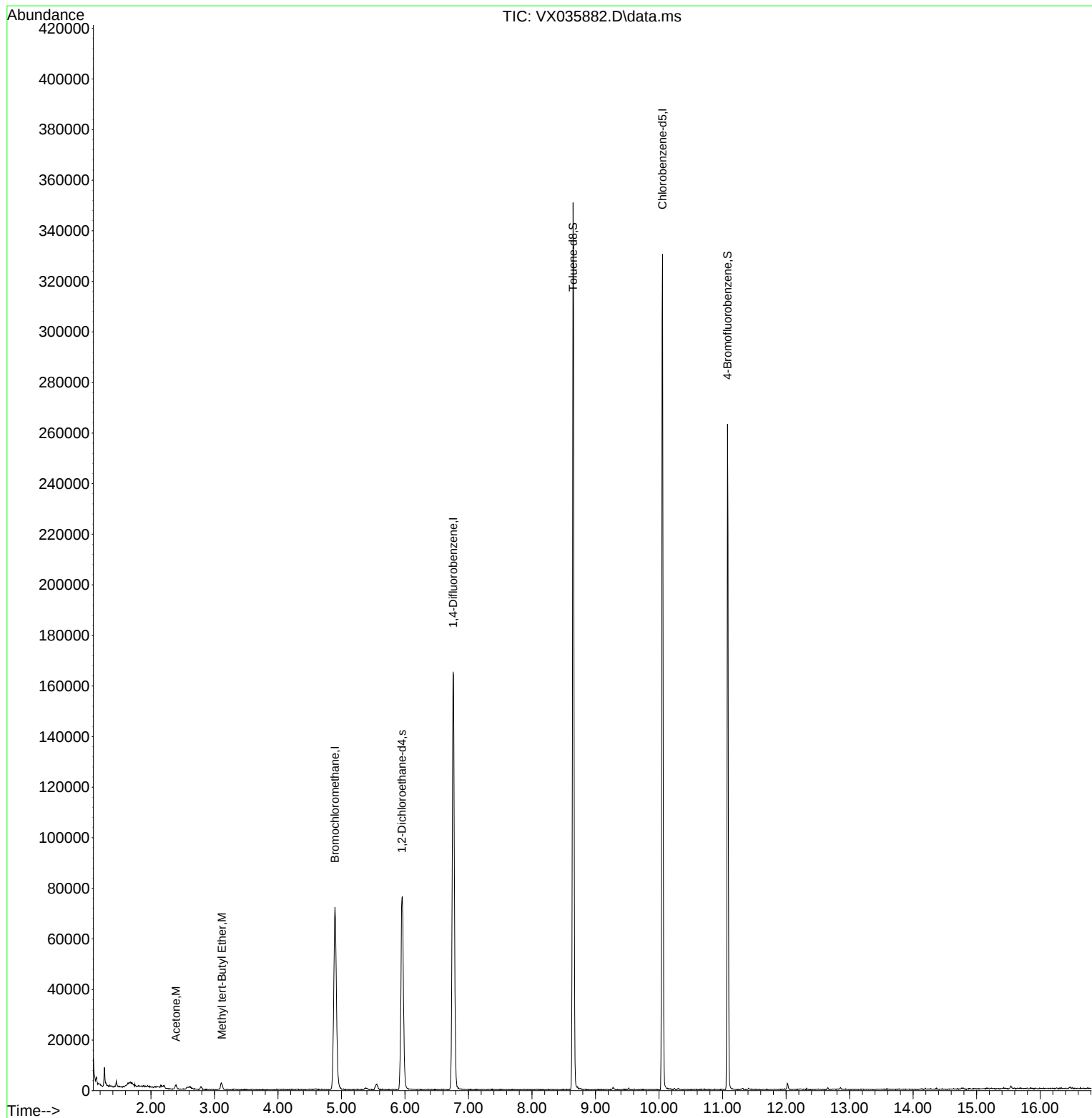
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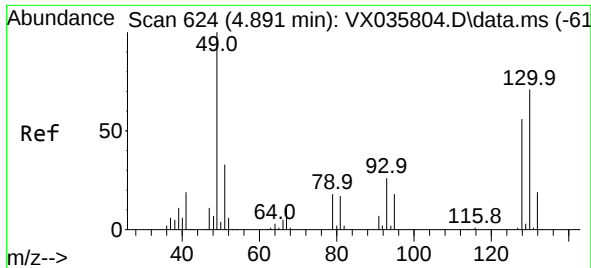
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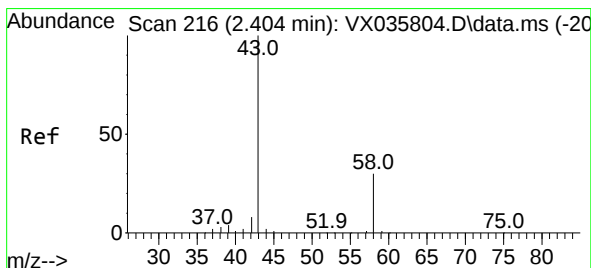
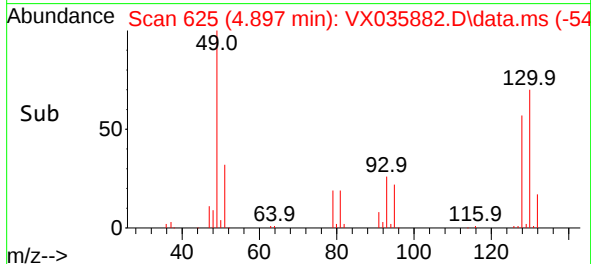
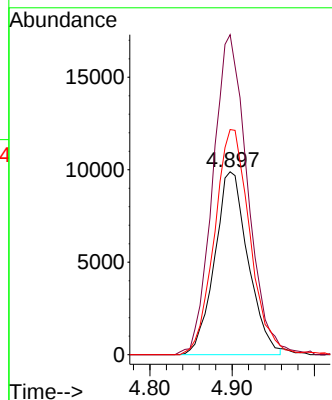
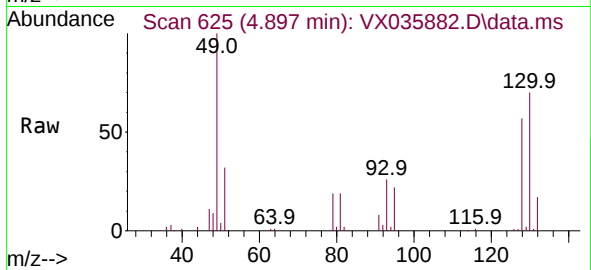
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035882.D
Acq: 26 May 2023 03:59

Instrument :
MSVOA_X
ClientSampleId :
TWP03

Tgt Ion:128 Resp: 2793
Ion Ratio Lower Upper
128 100
49 182.0 0.0 428.8
130 130.7 0.0 310.8

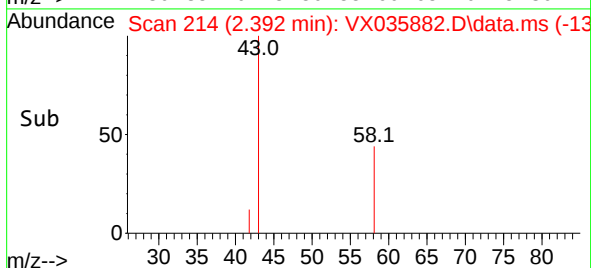
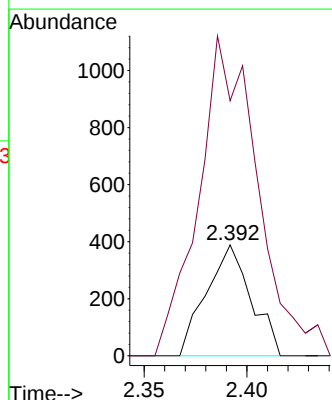
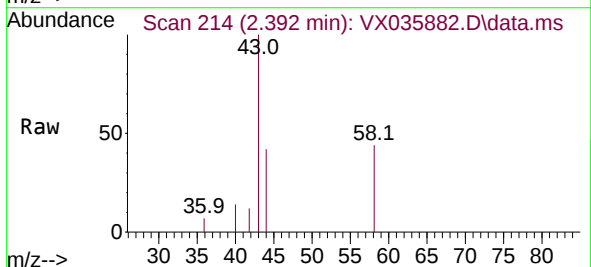
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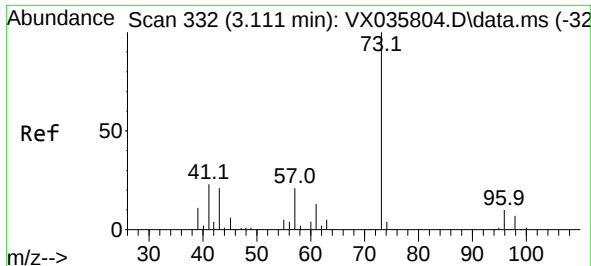
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#15
Acetone
Concen: 1.992 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX035882.D
Acq: 26 May 2023 03:59

Tgt Ion: 58 Resp: 591
Ion Ratio Lower Upper
58 100
43 182.5 270.8 406.2#





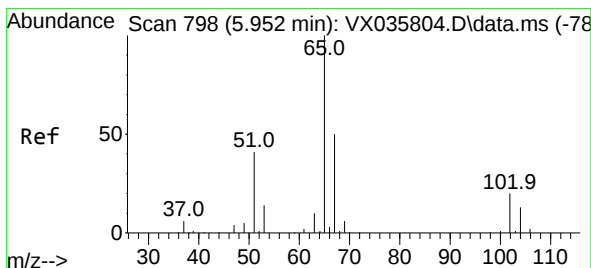
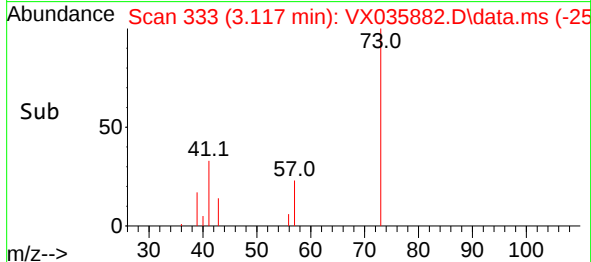
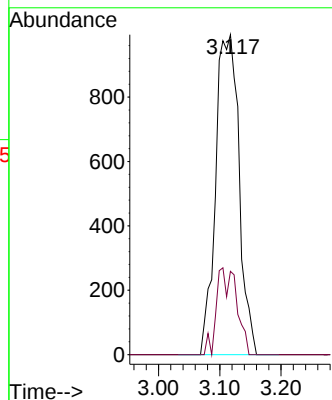
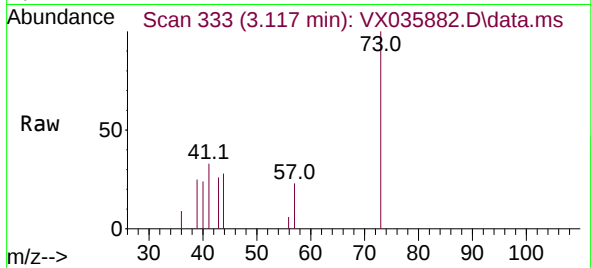
#24
Methyl tert-Butyl Ether
Concen: 0.466 ug/l m
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX035882.D
Acq: 26 May 2023 03:59

Instrument :
MSVOA_X
ClientSampleId :
TWP03

Tgt Ion: 73 Resp: 2628
Ion Ratio Lower Upper
73 100
43 11.5 17.9 26.9

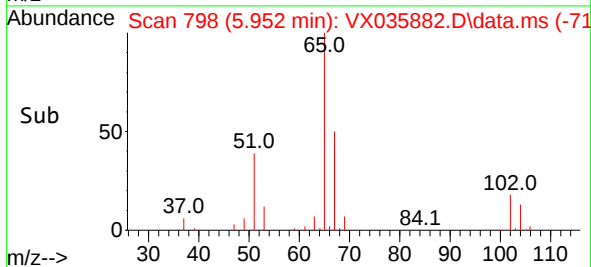
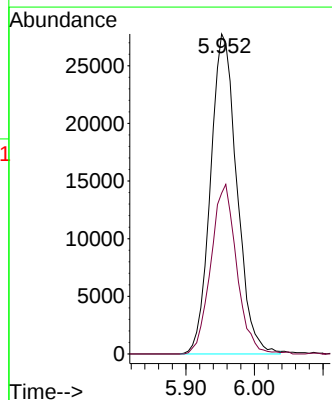
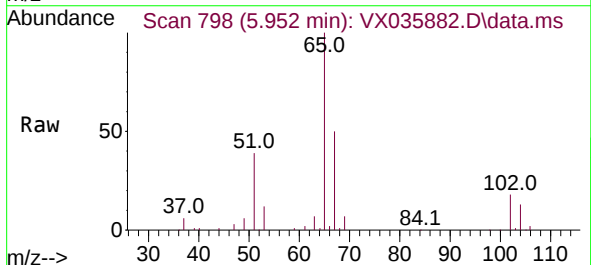
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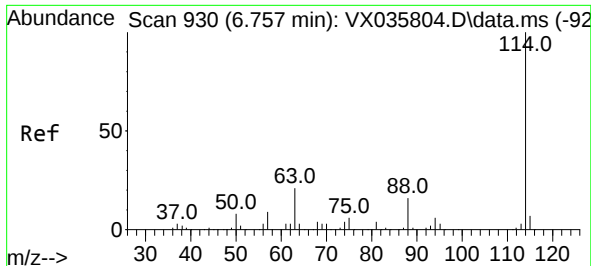
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#27
1,2-Dichloroethane-d4
Concen: 31.934 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035882.D
Acq: 26 May 2023 03:59

Tgt Ion: 65 Resp: 74128
Ion Ratio Lower Upper
65 100
67 51.7 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX035882.D

Acq: 26 May 2023 03:59

Instrument :

MSVOA_X

ClientSampleId :

TWP03

Tgt Ion:114 Resp: 162672

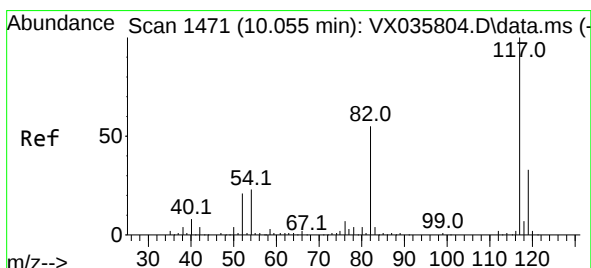
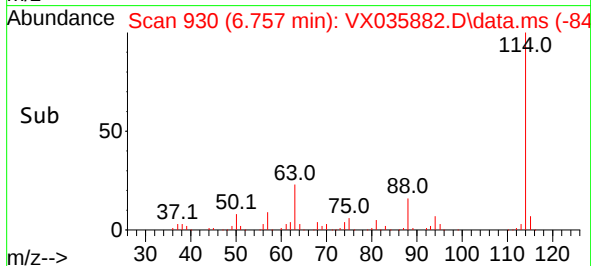
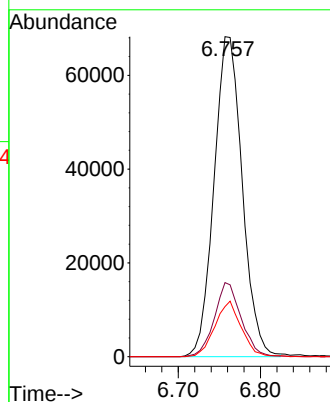
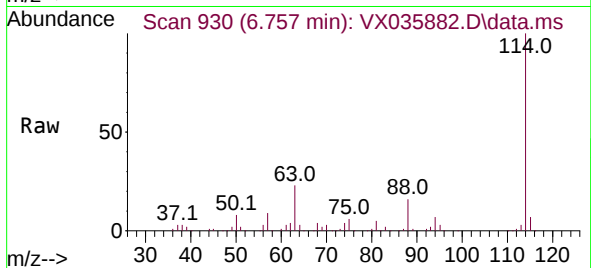
Ion	Ratio	Lower	Upper
114	100		
63	22.1	18.0	27.0
88	16.2	13.3	19.9

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#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

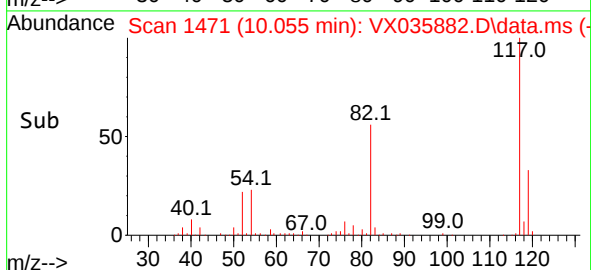
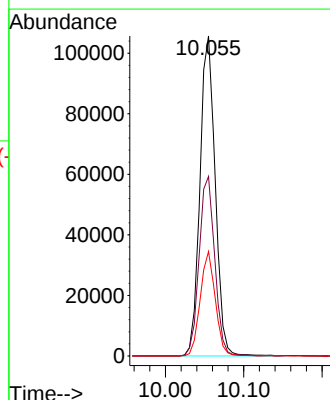
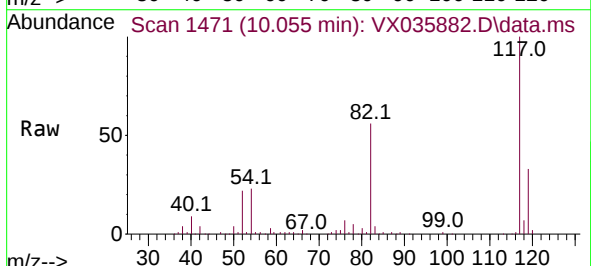
Delta R.T. -0.000 min

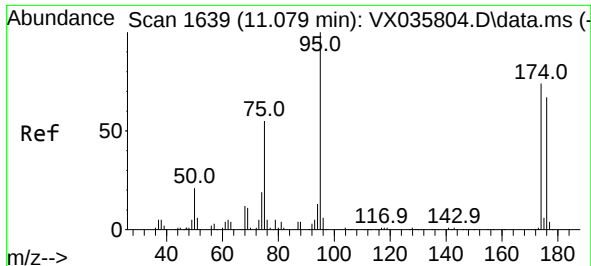
Lab File: VX035882.D

Acq: 26 May 2023 03:59

Tgt Ion:117 Resp: 143366

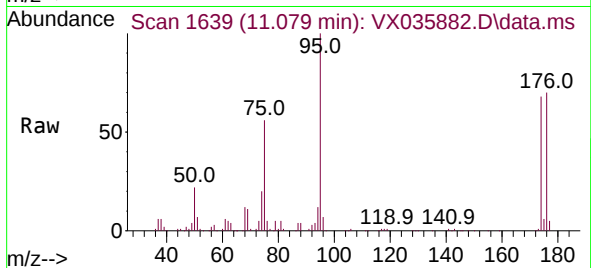
Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.8	68.8
119	32.1	25.4	38.0





#60
4-Bromofluorobenzene
Concen: 27.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035882.D
Acq: 26 May 2023 03:59

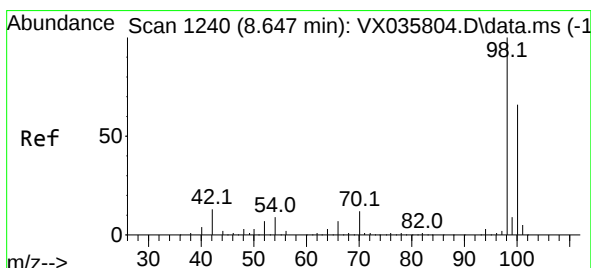
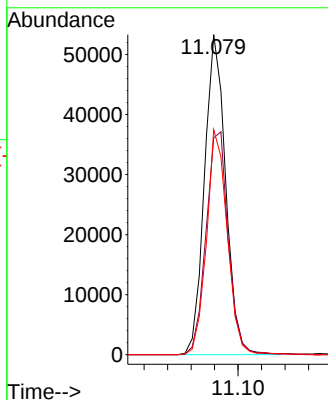
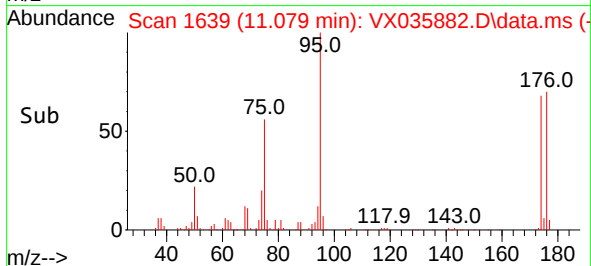
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Tgt Ion: 95 Resp: 6664
Ion Ratio Lower Upper
95 100
174 73.1 0.2 0.4
176 68.3 0.2 0.2

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#63
Toluene-d8
Concen: 30.261 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035882.D
Acq: 26 May 2023 03:59

Tgt Ion: 98 Resp: 191792
Ion Ratio Lower Upper
98 100
100 67.4 52.1 78.1

