

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
 Data File : VX036064.D
 Acq On : 07 Jun 2023 16:36
 Operator : JC/MD
 Sample : 03069-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP08

Quant Time: Jun 08 07:23:05 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) Bromochloromethane	4.897	128	27502	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	147472	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	138301	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	78189	34.217	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	114.067%#
60) 4-Bromofluorobenzene	11.079	95	68801	29.647	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.833%
63) Toluene-d8	8.647	98	179269	29.321	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.733%
Target Compounds						
15) Acetone	2.398	58	1024m	3.506	ug/l	Qvalue

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

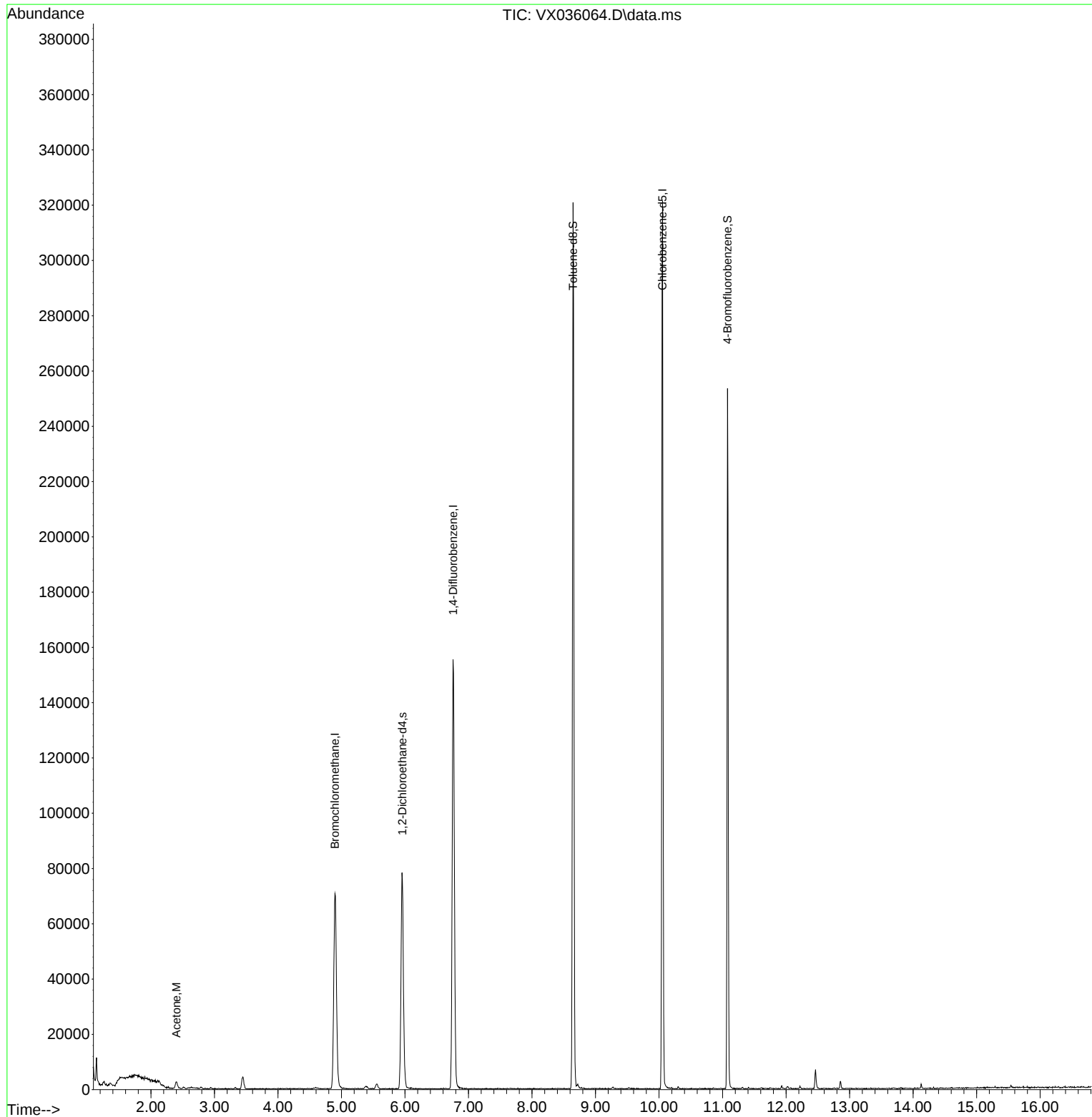
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
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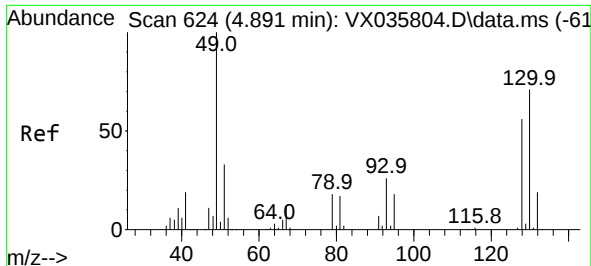
Instrument :
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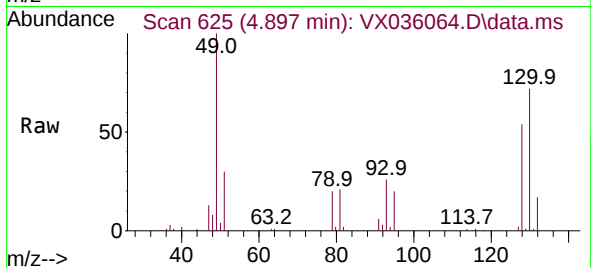
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036064.D
Acq: 07 Jun 2023 16:36

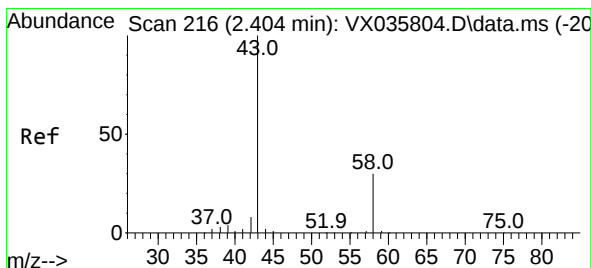
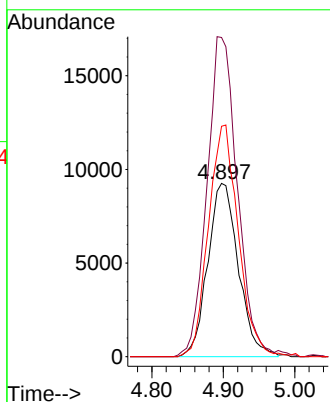
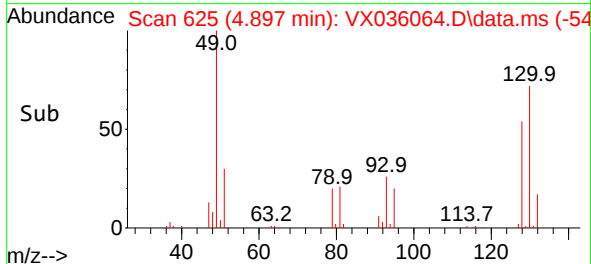
Instrument :
MSVOA_X
ClientSampleId :
TWP08



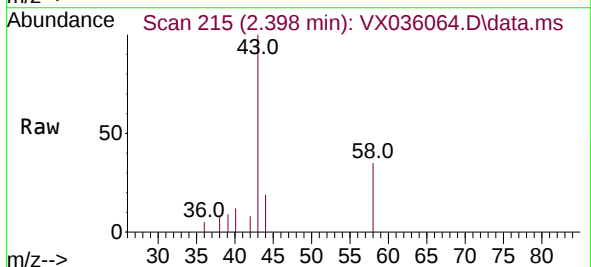
Tgt Ion:128 Resp: 2750
Ion Ratio Lower Upper
128 100
49 182.4 0.0 428.8
130 130.6 0.0 310.8

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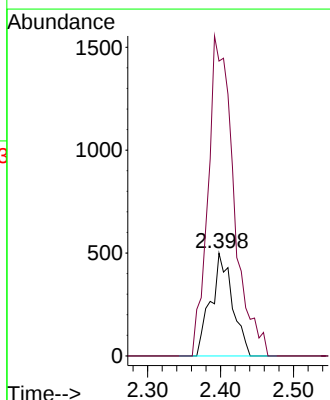
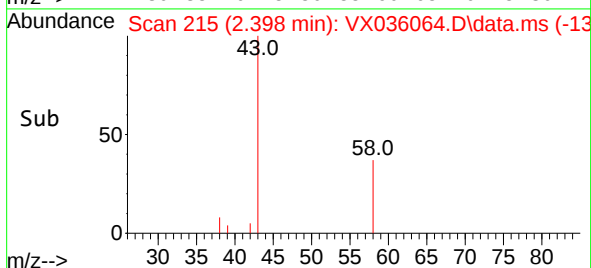
Reviewed By :John Carlone 06/08/2023
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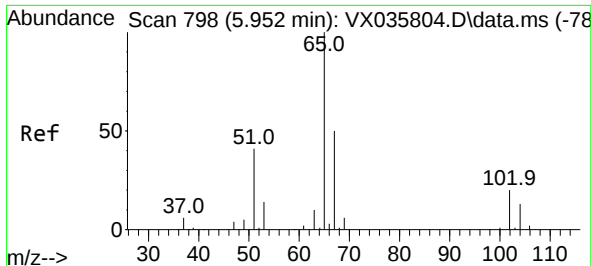


#15
Acetone
Concen: 3.506 ug/l m
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036064.D
Acq: 07 Jun 2023 16:36



Tgt Ion: 58 Resp: 1024
Ion Ratio Lower Upper
58 100
43 287.2 270.8 406.2





#27

1,2-Dichloroethane-d4

Concen: 34.217 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036064.D

Acq: 07 Jun 2023 16:36

Instrument :

MSVOA_X

ClientSampleId :

TWP08

Tgt Ion: 65 Resp: 78189

Ion Ratio Lower Upper

65 100

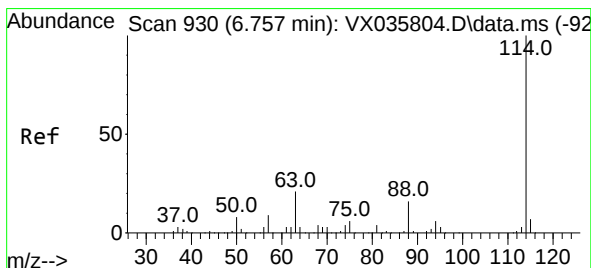
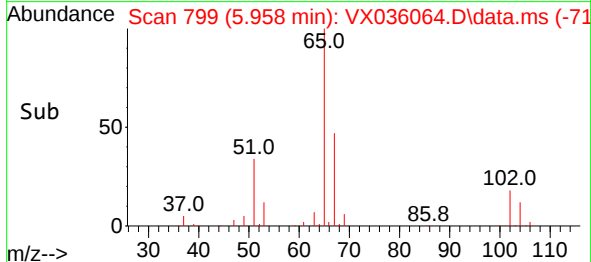
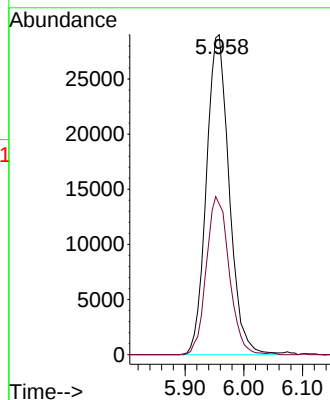
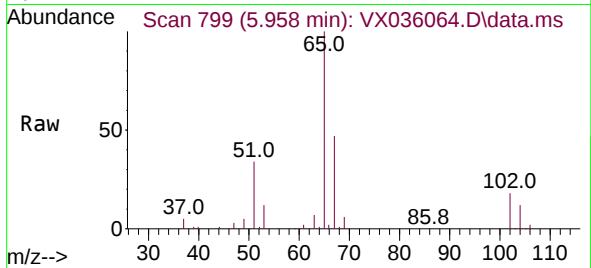
67 49.6 40.9 61.3

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX036064.D

Acq: 07 Jun 2023 16:36

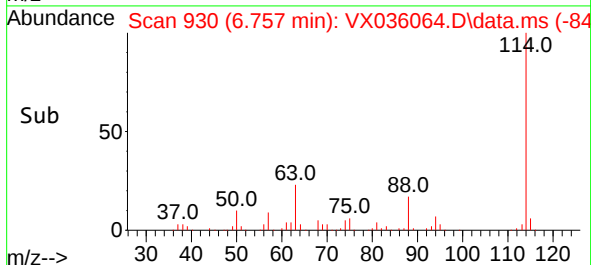
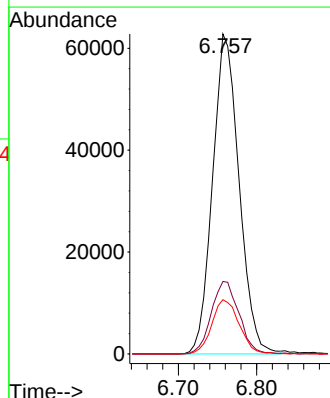
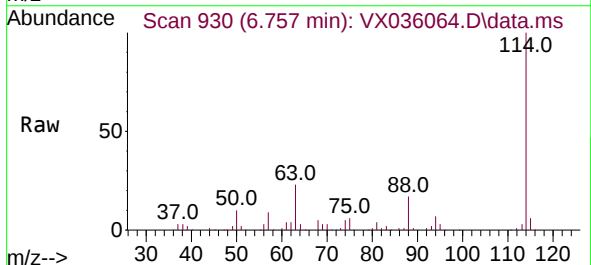
Tgt Ion:114 Resp: 147472

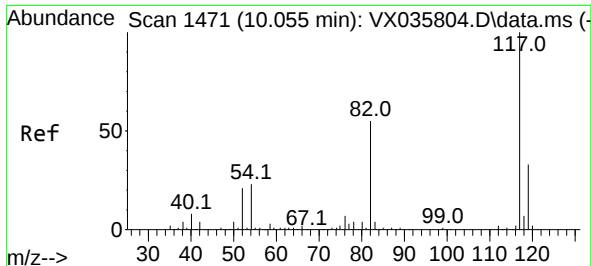
Ion Ratio Lower Upper

114 100

63 23.7 18.0 27.0

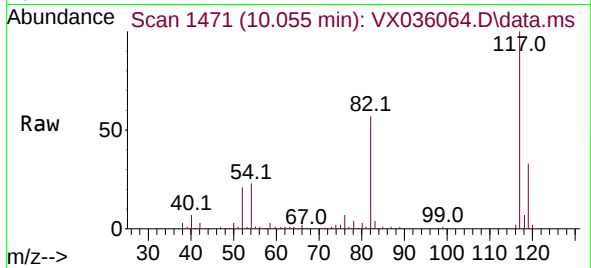
88 17.5 13.3 19.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036064.D
Acq: 07 Jun 2023 16:36

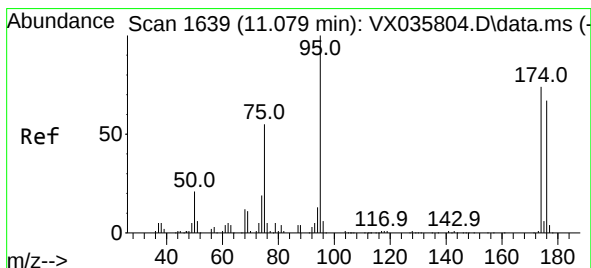
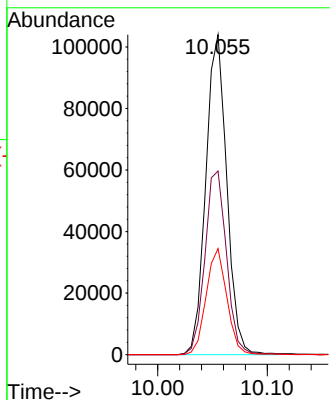
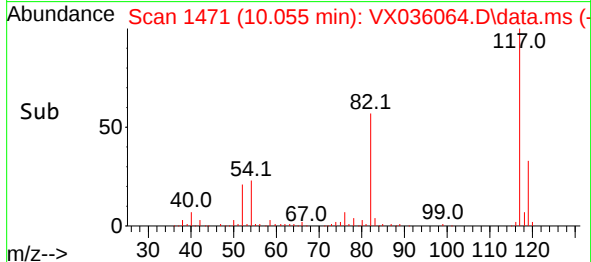
Instrument :
MSVOA_X
ClientSampleId :
TWP08



Tgt Ion: 117 Resp: 13830
Ion Ratio Lower Upper
117 100
82 59.4 45.8 68.8
119 32.6 25.4 38.0

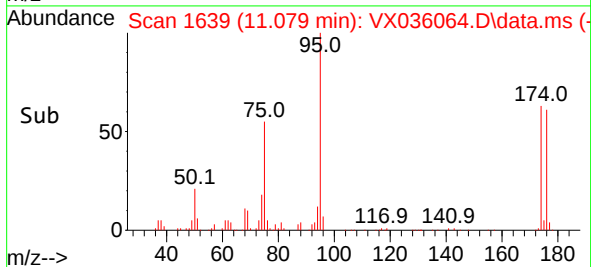
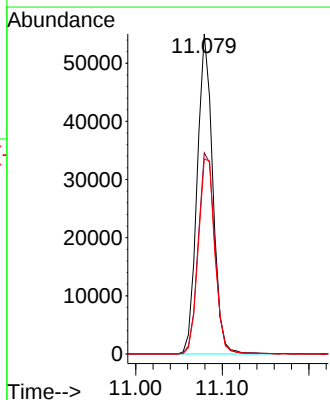
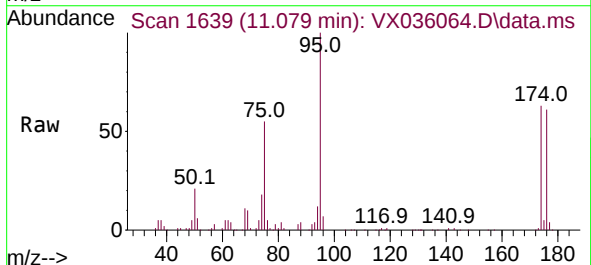
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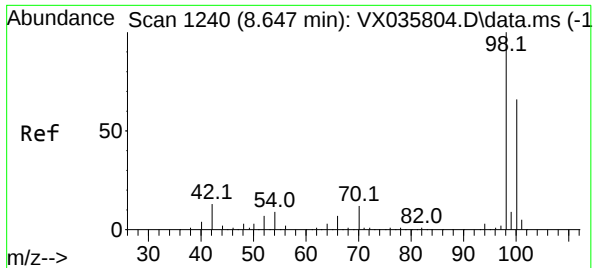
Reviewed By :John Carlone 06/08/2023
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#60
4-Bromofluorobenzene
Concen: 29.647 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036064.D
Acq: 07 Jun 2023 16:36

Tgt Ion: 95 Resp: 68801
Ion Ratio Lower Upper
95 100
174 66.6 0.2 0.4#
176 64.8 0.2 0.2#





#63
Toluene-d8
Concen: 29.321 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036064.D
Acq: 07 Jun 2023 16:36

Instrument :
MSVOA_X
ClientSampleId :
TWP08

Tgt Ion: 98 Resp: 179269
Ion Ratio Lower Upper
98 100
100 66.7 52.1 78.1

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