

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
 Data File : VX033454.D
 Acq On : 16 Dec 2022 12:16
 Operator : JC/MD
 Sample : N6074-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 221214021-01-TRIP-BLANK

Quant Time: Dec 17 07:45:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/19/2022

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

Internal Standards						
1) Bromochloromethane	4.897	128	8661	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	81258	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	85973	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32011	42.083	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 140.267%#			
60) 4-Bromofluorobenzene	11.079	95	43553	27.352	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 91.167%			
63) Toluene-d8	8.647	98	84149	29.424	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.067%			
Target Compounds						
15) Acetone	2.392	58	1089	8.281	ug/l	Qvalue 75
25) Chloroform	5.111	83	1438m	0.831	ug/l	

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

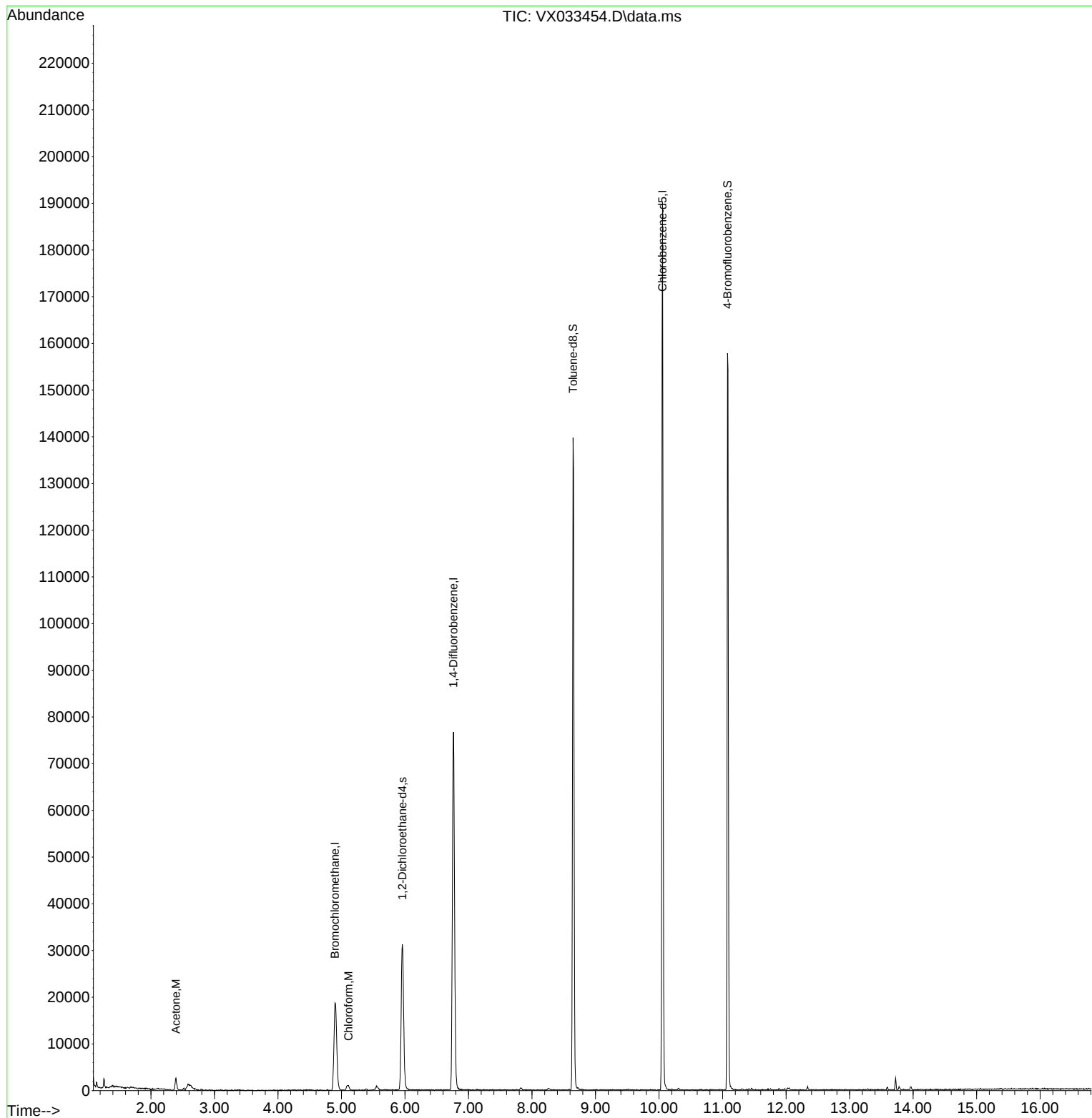
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121622\
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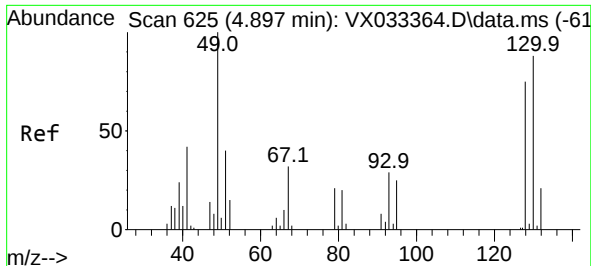
Instrument :
MSVOA_X
ClientSampleId :
221214021-01-TRIP-BLANK

Quant Time: Dec 17 07:45:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
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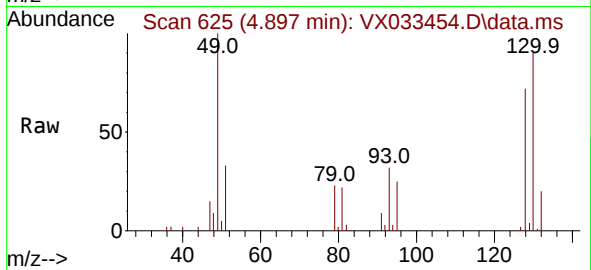
Reviewed By : John Carlone 12/19/2022
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033454.D
Acq: 16 Dec 2022 12:16

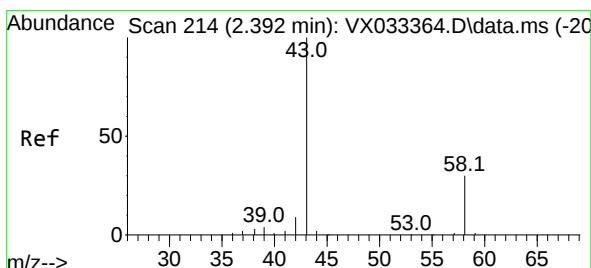
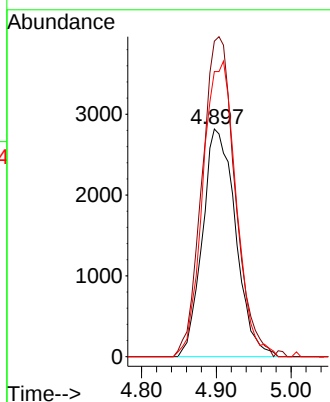
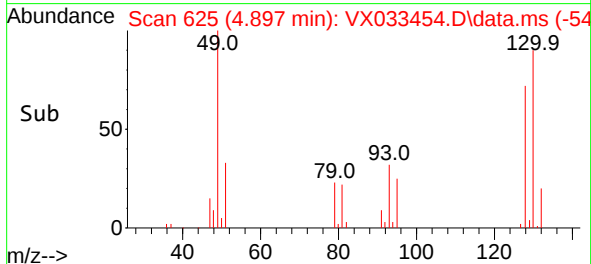
Instrument :
MSVOA_X
ClientSampleId :
221214021-01-TRIP-BLANK



Tgt Ion:128 Resp: 866
Ion Ratio Lower Upper
128 100
49 140.4 0.0 339.5
130 130.7 0.0 318.0

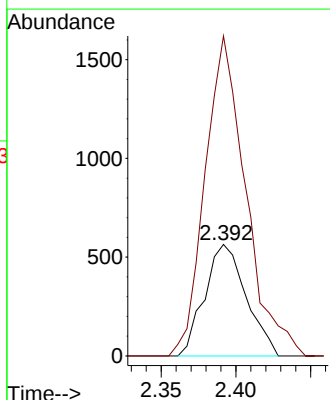
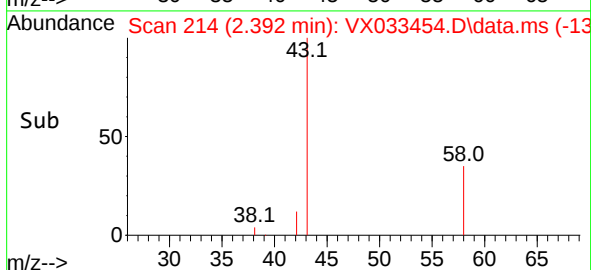
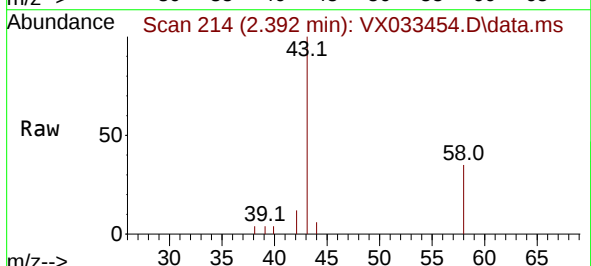
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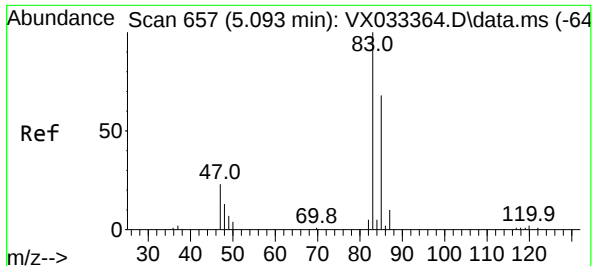
Reviewed By :John Carlone 12/19/2022
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#15
Acetone
Concen: 8.281 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX033454.D
Acq: 16 Dec 2022 12:16

Tgt Ion: 58 Resp: 1089
Ion Ratio Lower Upper
58 100
43 276.8 262.9 394.3





#25

Chloroform

Concen: 0.831 ug/l m

RT: 5.111 min Scan# 6

Delta R.T. 0.018 min

Lab File: VX033454.D

Acq: 16 Dec 2022 12:16

Instrument :

MSVOA_X

ClientSampleId :

221214021-01-TRIP-BLANK

Tgt Ion: 83 Resp: 1438

Ion Ratio Lower Upper

83 100

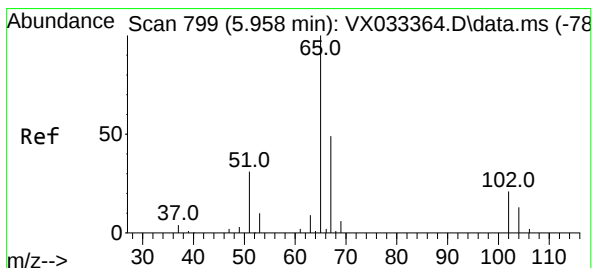
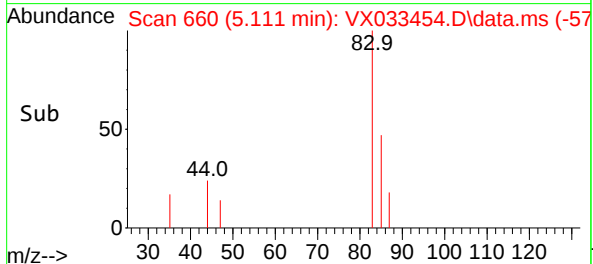
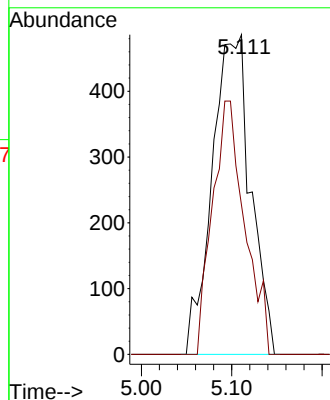
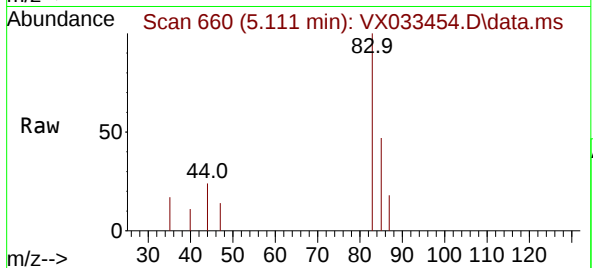
85 46.7 54.2 81.2

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 42.083 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX033454.D

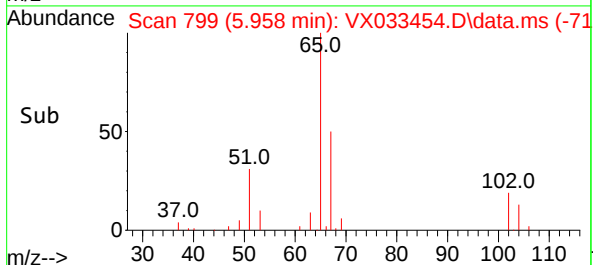
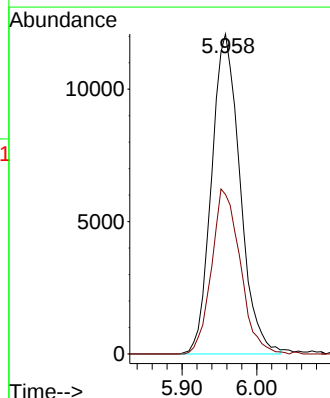
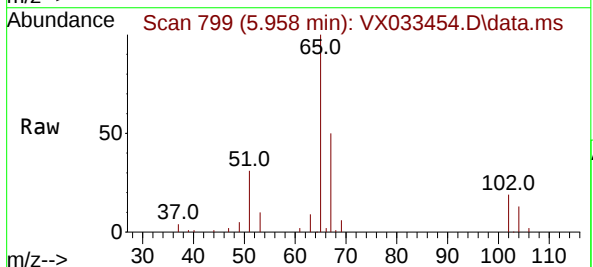
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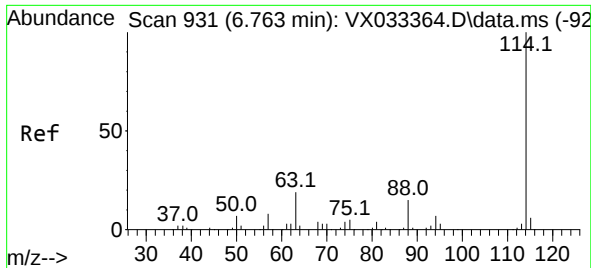
Tgt Ion: 65 Resp: 32011

Ion Ratio Lower Upper

65 100

67 51.7 39.8 59.8





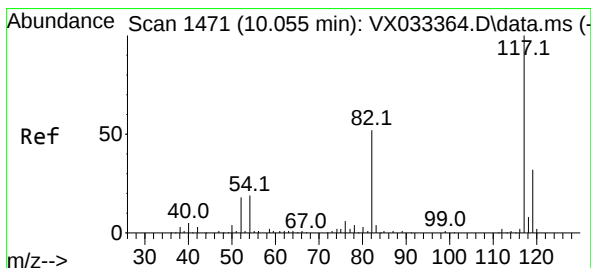
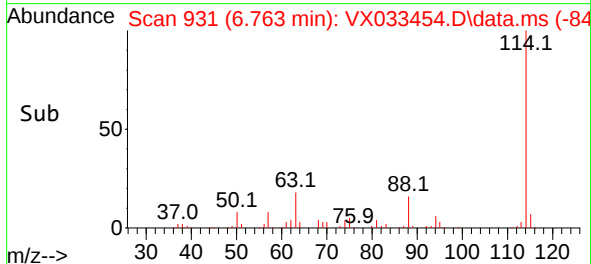
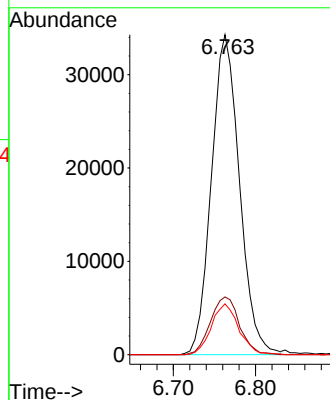
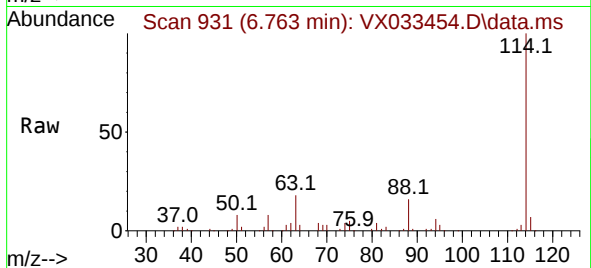
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033454.D
Acq: 16 Dec 2022 12:16

Instrument :
MSVOA_X
ClientSampleId :
221214021-01-TRIP-BLANK

Tgt Ion:114 Resp: 81258
Ion Ratio Lower Upper
114 100
63 18.6 15.2 22.8
88 15.5 12.2 18.4

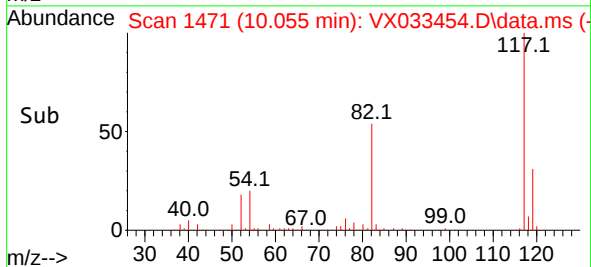
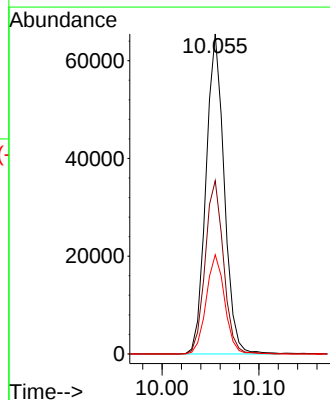
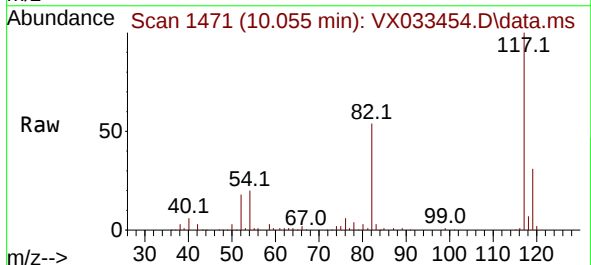
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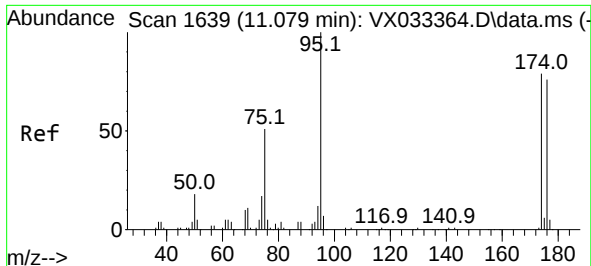
Reviewed By :John Carlone 12/19/2022
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033454.D
Acq: 16 Dec 2022 12:16

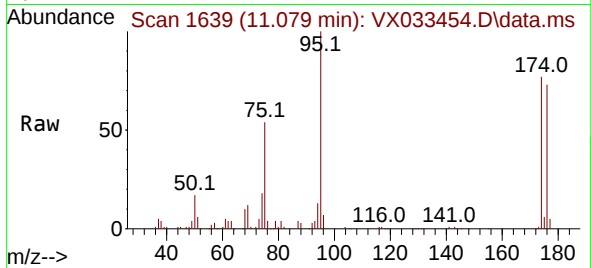
Tgt Ion:117 Resp: 85973
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 31.4 25.6 38.4





#60
4-Bromofluorobenzene
Concen: 27.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033454.D
Acq: 16 Dec 2022 12:16

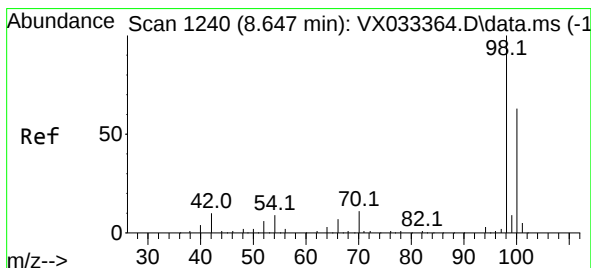
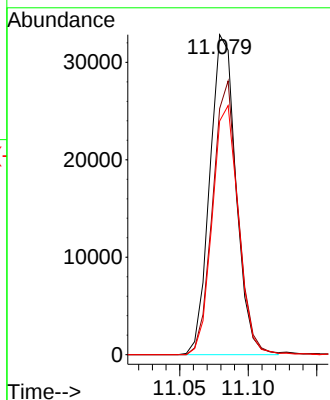
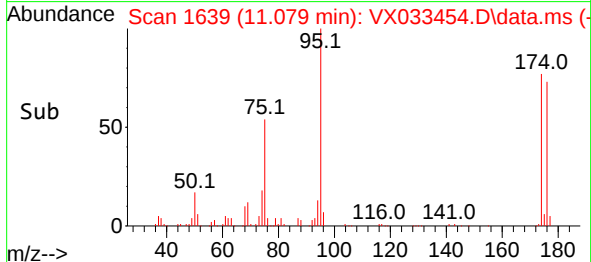
Instrument : MSVOA_X
ClientSampleId : 221214021-01-TRIP-BLANK



Tgt Ion: 95 Resp: 4355
Ion Ratio Lower Upper
95 100
174 83.2 65.9 98.9
176 78.1 63.3 94.9

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#63
Toluene-d8
Concen: 29.424 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033454.D
Acq: 16 Dec 2022 12:16

Tgt Ion: 98 Resp: 84149
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.2

