

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035880.D
 Acq On : 26 May 2023 03:12
 Operator : JC/MD
 Sample : 02906-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OF-1

Quant Time: May 26 09:22:54 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 05/26/2023
 Supervised By : Mahesh Dadoda 05/26/2023

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

Internal Standards						
1) Bromochloromethane	4.897	128	28357	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	163513	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	144849	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	74779	31.738	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	105.800%	
60) 4-Bromofluorobenzene	11.079	95	66204	27.238	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	90.800%	
63) Toluene-d8	8.646	98	196950	30.756	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.533%	
Target Compounds						
13) Acrolein	2.233	56	815m	2.567	ug/l	Qvalue
15) Acetone	2.392	58	8193	27.204	ug/l	95
30) 2-Butanone	4.574	43	3507m	2.353	ug/l	
58) 4-Methyl-2-Pentanone	8.573	43	10687	3.798	ug/l	97

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

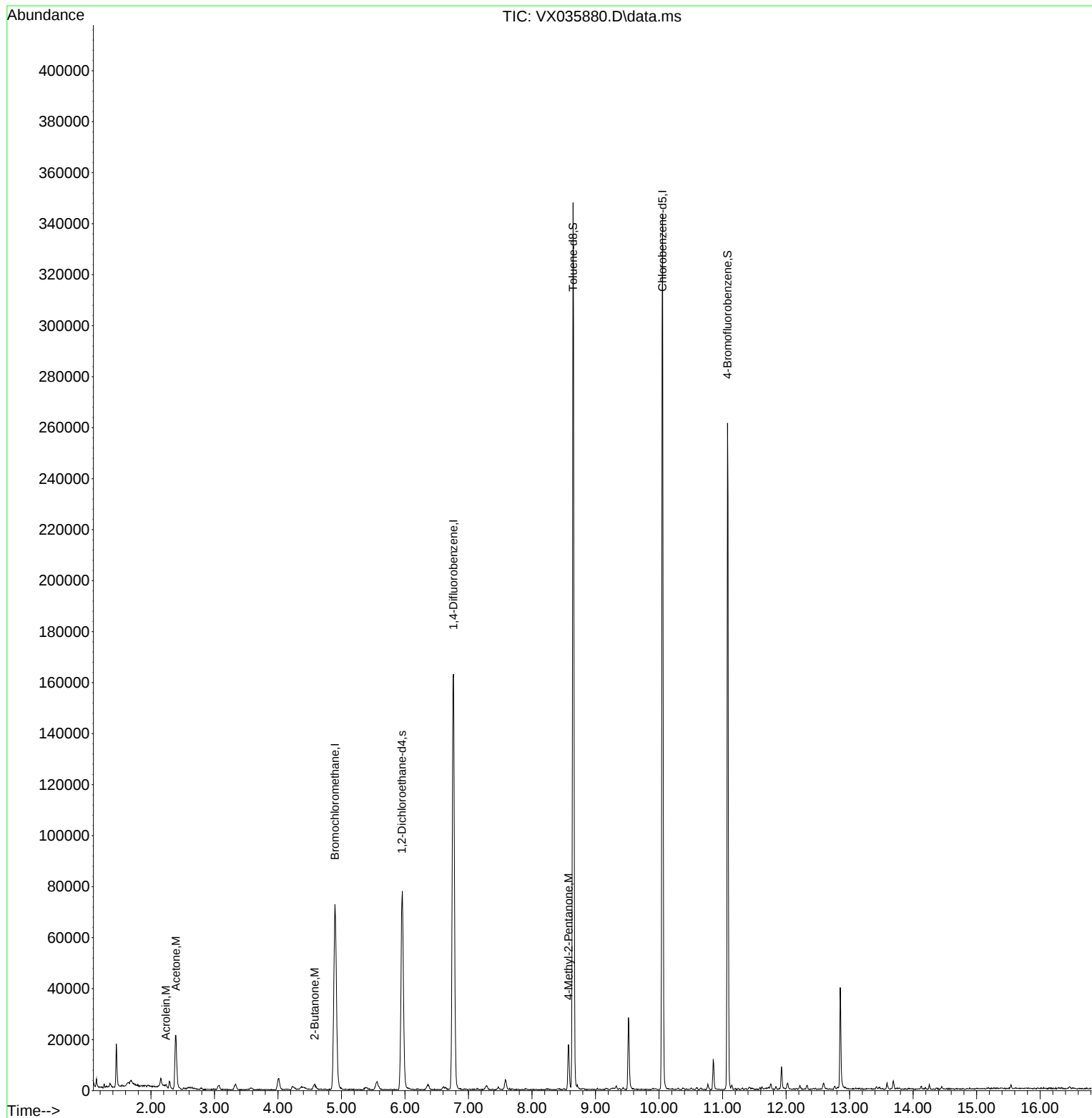
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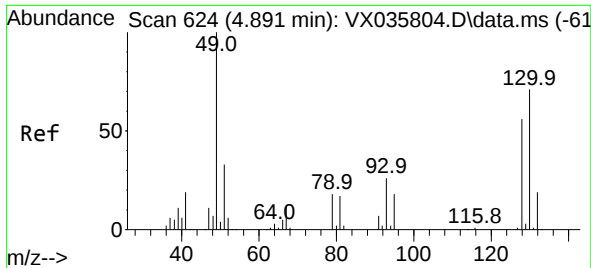
Instrument :
MSVOA_X
ClientSampleId :
OF-1

Quant Time: May 26 09:22:54 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
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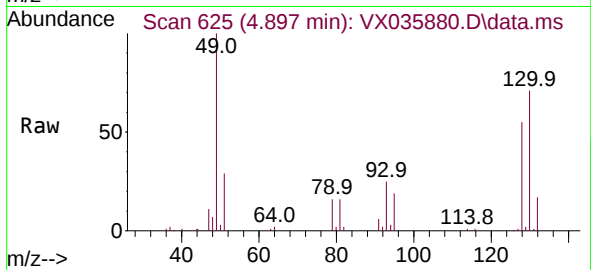
Reviewed By : John Carlone 05/26/2023
Supervised By : Mahesh Dadoda 05/26/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035880.D
Acq: 26 May 2023 03:12

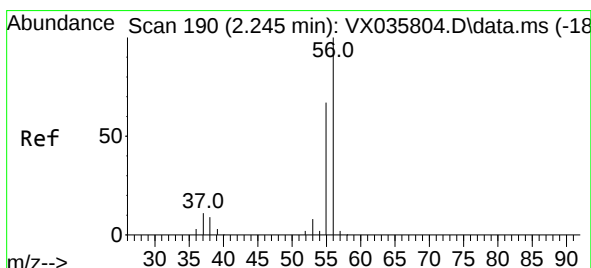
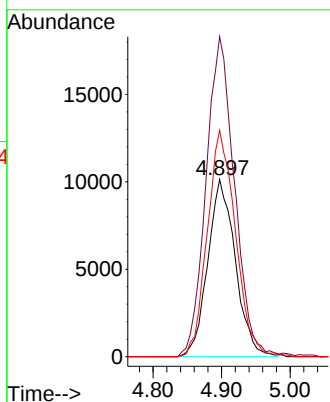
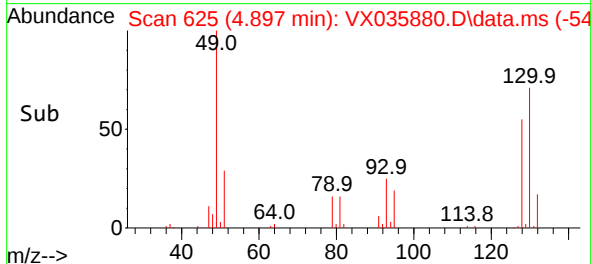
Instrument :
MSVOA_X
ClientSampleId :
OF-1



Tgt Ion:128 Resp: 2835
Ion Ratio Lower Upper
128 100
49 185.1 0.0 428.8
130 130.2 0.0 310.8

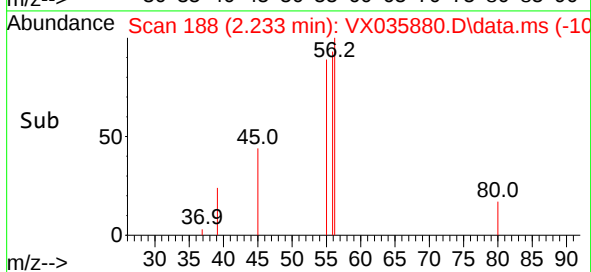
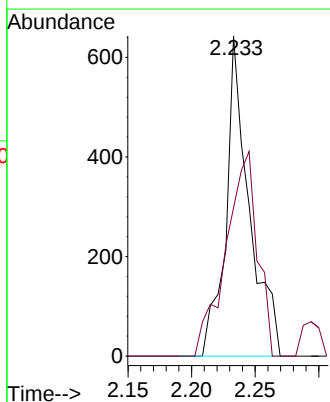
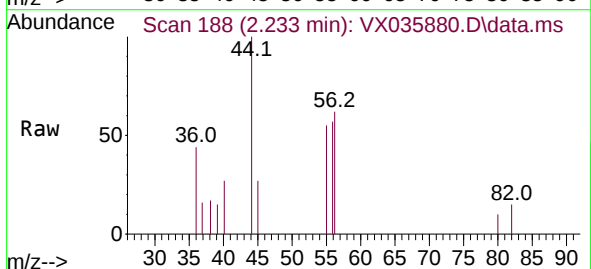
Manual Integrations
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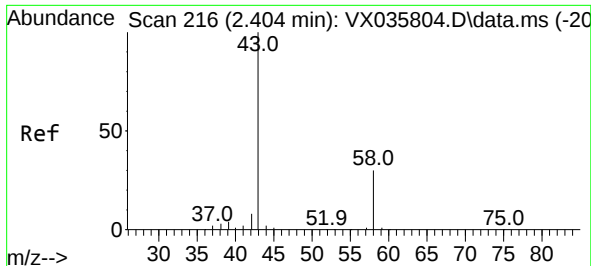
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#13
Acrolein
Concen: 2.567 ug/l m
RT: 2.233 min Scan# 188
Delta R.T. -0.012 min
Lab File: VX035880.D
Acq: 26 May 2023 03:12

Tgt Ion: 56 Resp: 815
Ion Ratio Lower Upper
56 100
55 86.7 56.6 85.0#





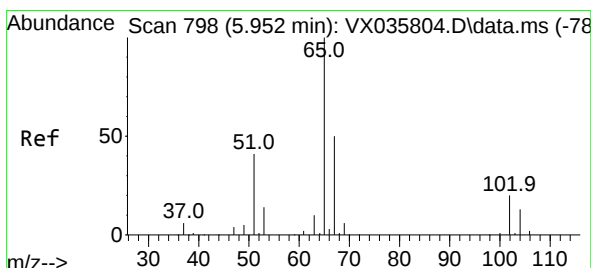
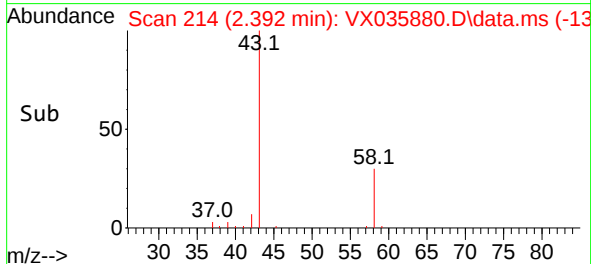
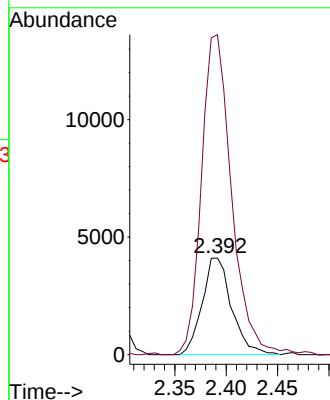
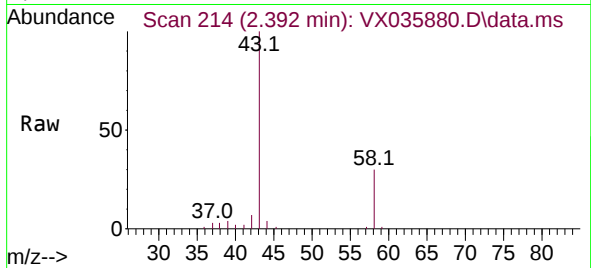
#15
Acetone
Concen: 27.204 ug/l
RT: 2.392 min Scan# 216
Delta R.T. -0.012 min
Lab File: VX035880.D
Acq: 26 May 2023 03:12

Instrument :
MSVOA_X
ClientSampleId :
OF-1

Tgt Ion: 58 Resp: 819
Ion Ratio Lower Upper
58 100
43 327.0 270.8 406.2

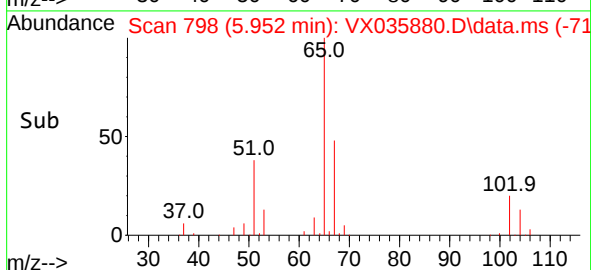
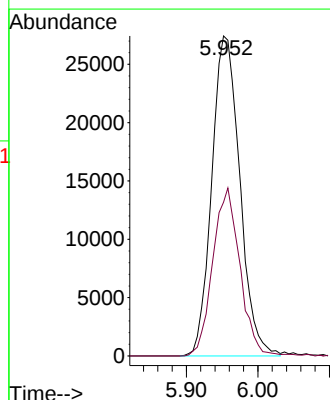
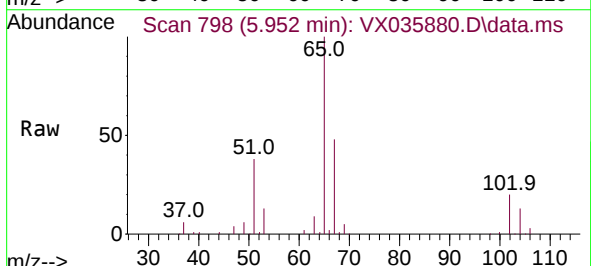
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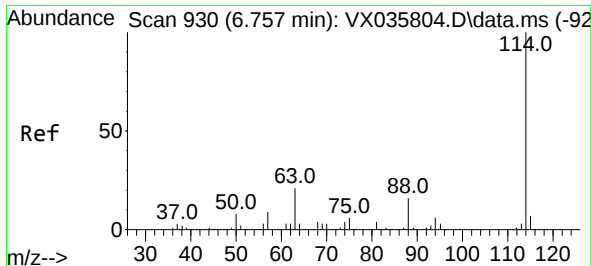
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#27
1,2-Dichloroethane-d4
Concen: 31.738 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035880.D
Acq: 26 May 2023 03:12

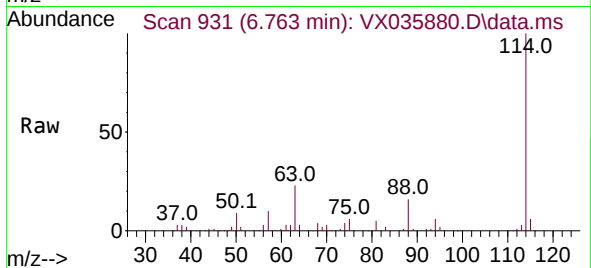
Tgt Ion: 65 Resp: 74779
Ion Ratio Lower Upper
65 100
67 50.5 40.9 61.3





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX035880.D
Acq: 26 May 2023 03:12

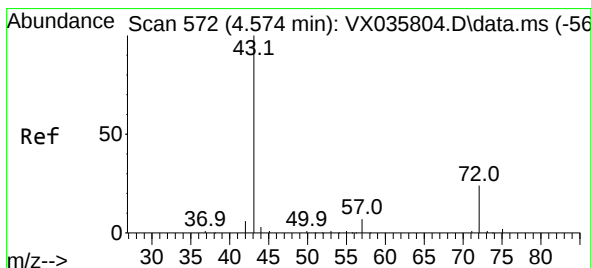
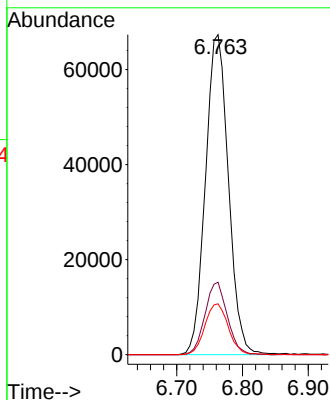
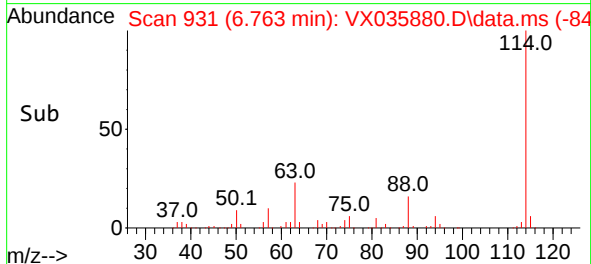
Instrument :
MSVOA_X
ClientSampleId :
OF-1



Tgt Ion:114 Resp: 16351
Ion Ratio Lower Upper
114 100
63 22.0 18.0 27.0
88 16.1 13.3 19.9

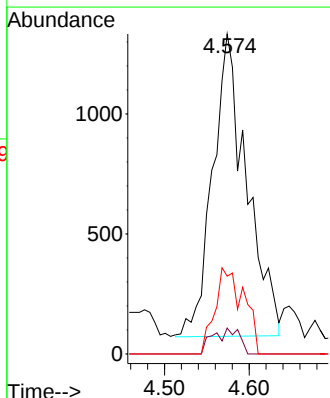
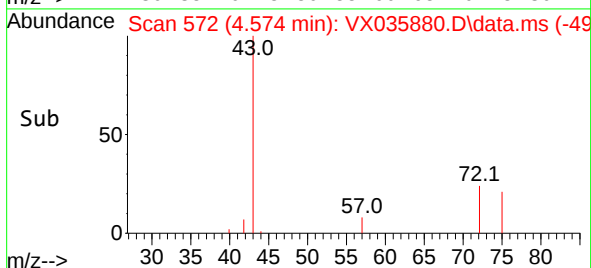
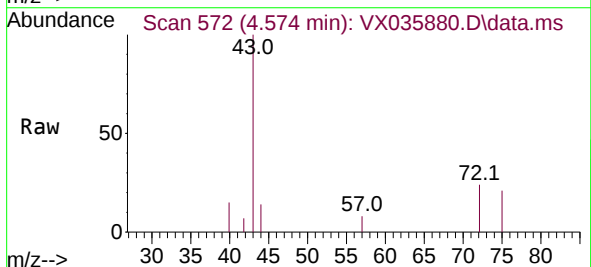
Manual Integrations
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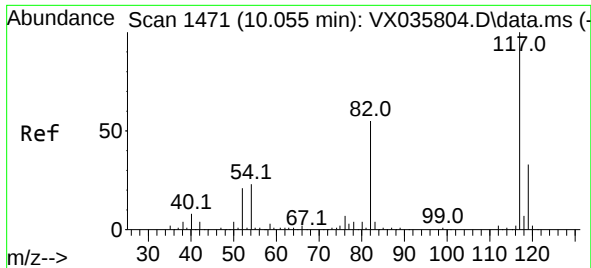
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#30
2-Butanone
Concen: 2.353 ug/l m
RT: 4.574 min Scan# 572
Delta R.T. -0.000 min
Lab File: VX035880.D
Acq: 26 May 2023 03:12

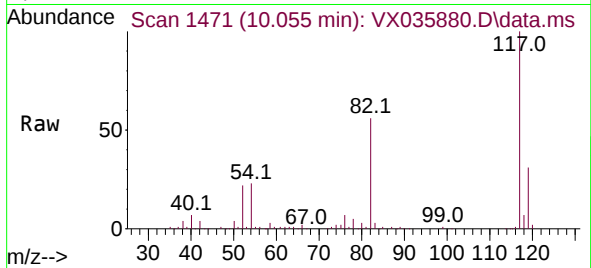
Tgt Ion: 43 Resp: 3507
Ion Ratio Lower Upper
43 100
57 3.6 6.3 9.5#
72 17.2 19.6 29.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035880.D
Acq: 26 May 2023 03:12

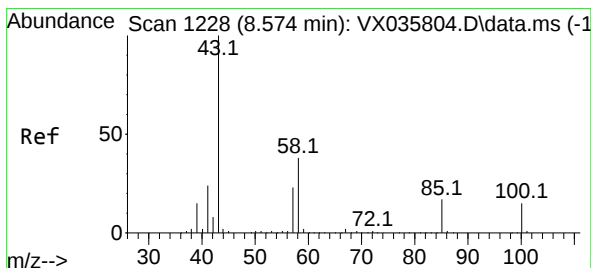
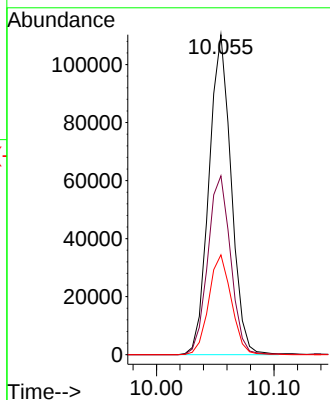
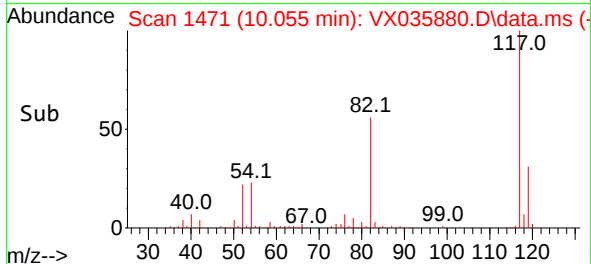
Instrument :
MSVOA_X
ClientSampleId :
OF-1



Tgt Ion: 117 Resp: 144849
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.8
119 31.8 25.4 38.0

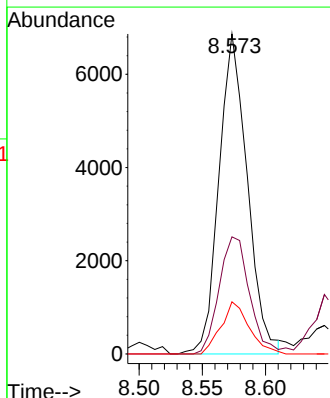
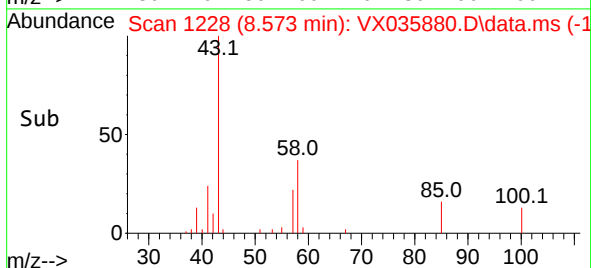
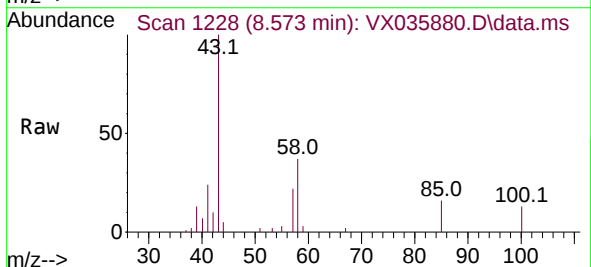
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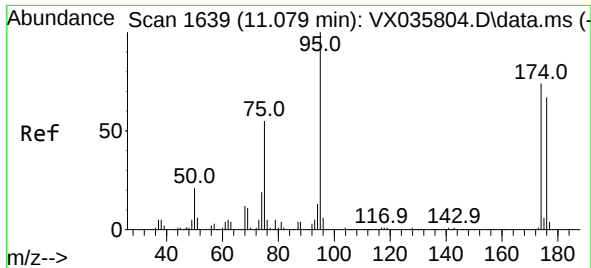
Reviewed By :John Carlone 05/26/2023
Supervised By :Mahesh Dadoda 05/26/2023



#58
4-Methyl-2-Pentanone
Concen: 3.798 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035880.D
Acq: 26 May 2023 03:12

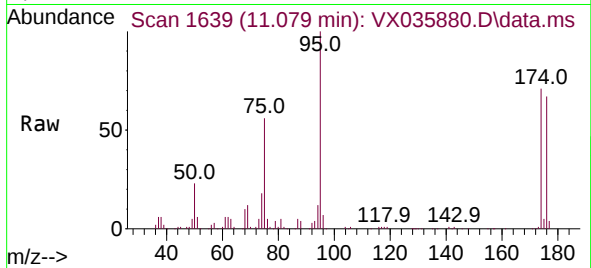
Tgt Ion: 43 Resp: 10687
Ion Ratio Lower Upper
43 100
58 39.9 29.9 44.9
85 16.3 13.2 19.8





#60
4-Bromofluorobenzene
Concen: 27.238 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035880.D
Acq: 26 May 2023 03:12

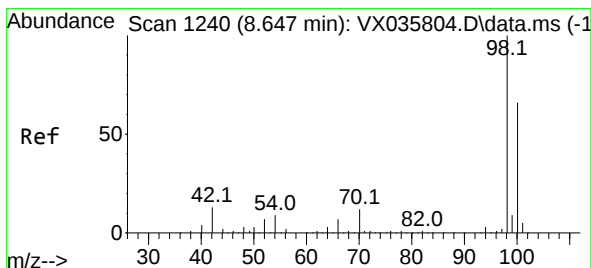
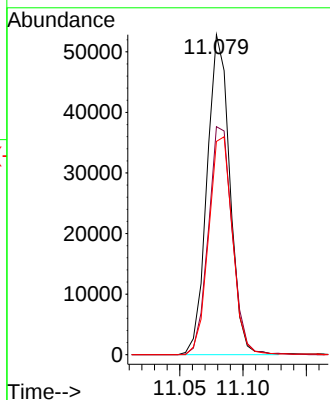
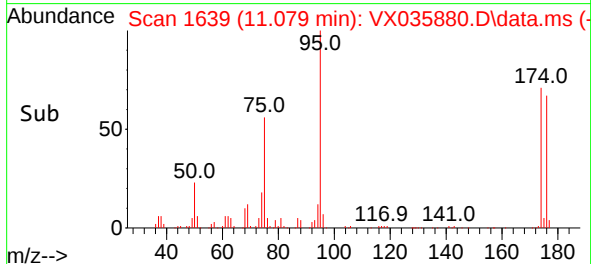
Instrument :
MSVOA_X
ClientSampleId :
OF-1



Tgt Ion: 95 Resp: 66204
Ion Ratio Lower Upper
95 100
174 74.8 0.2 0.4
176 71.3 0.2 0.2

Manual Integrations
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#63
Toluene-d8
Concen: 30.756 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035880.D
Acq: 26 May 2023 03:12

Tgt Ion: 98 Resp: 196950
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1

