

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042241.D
 Acq On : 09 Jul 2024 11:46
 Operator : JC/MD
 Sample : P3150-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240628030-01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/09/2024
 Supervised By : Mahesh Dadoda 07/10/2024

Quant Time: Jul 09 12:13:39 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	4.903	128	27291	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	159890	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	143398	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	59055	31.434	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.767%			
60) 4-Bromofluorobenzene	11.079	95	61546	27.727	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.433%			
63) Toluene-d8	8.647	98	179327	29.230	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 97.433%			
Target Compounds						
15) Acetone	2.392	58	5375653m	18618.952	ug/l	Qvalue
18) Methylene Chloride	2.782	84	669m	0.350	ug/l	
25) Chloroform	5.099	83	881	0.291	ug/l	89
67) m/p-Xylenes	10.311	106	1332	0.417	ug/l	96

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

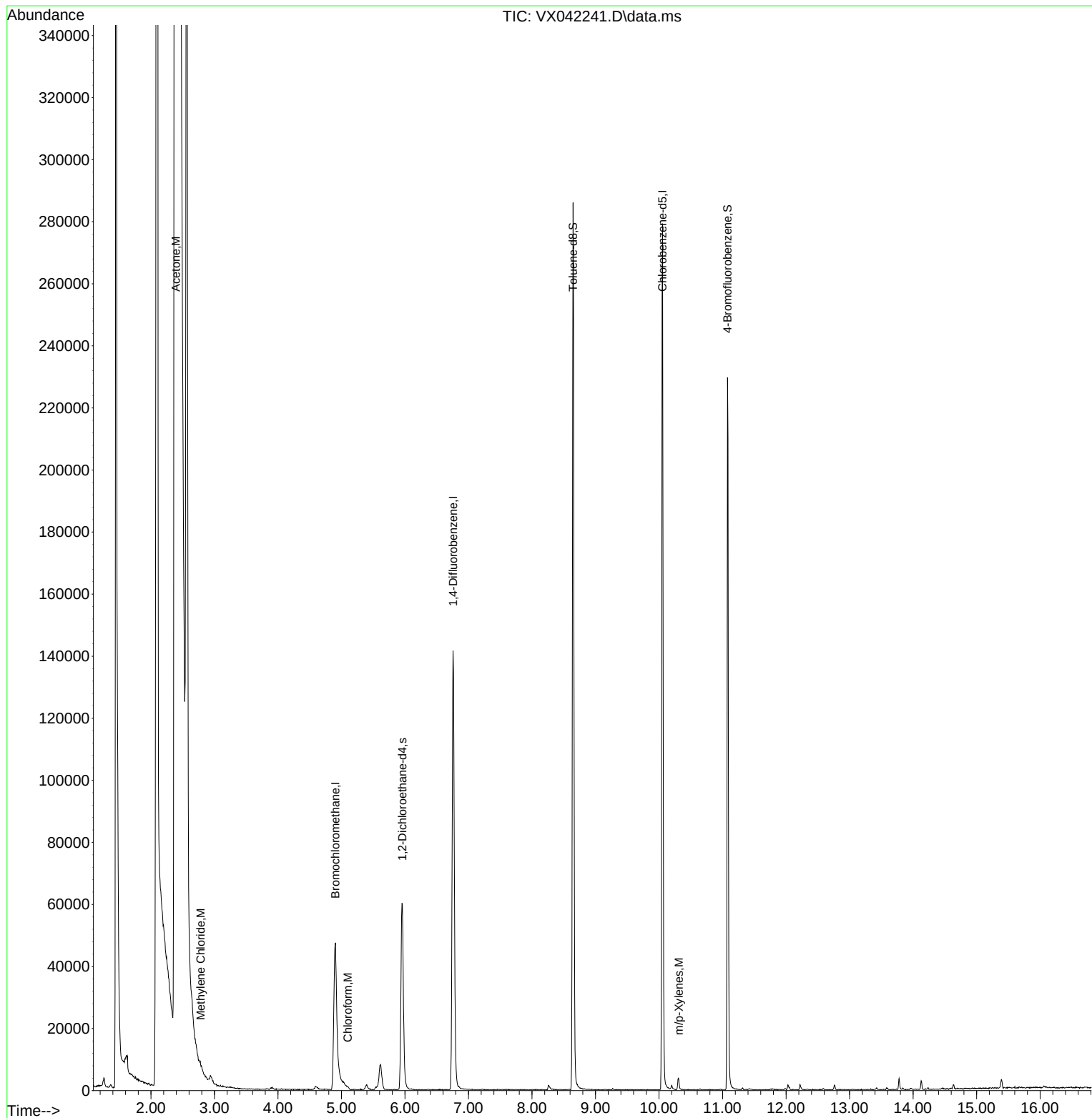
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
Data File : VX042241.D
Acq On : 09 Jul 2024 11:46
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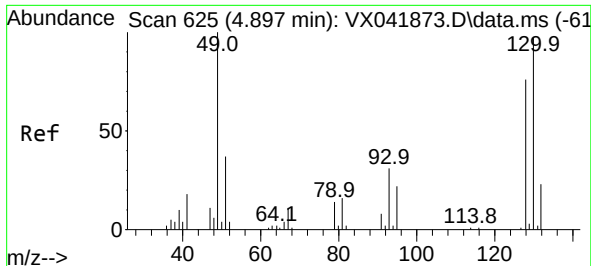
Instrument :
MSVOA_X
ClientSampleId :
240628030-01

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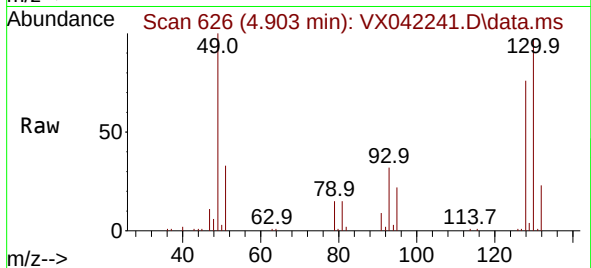
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042241.D
Acq: 09 Jul 2024 11:46

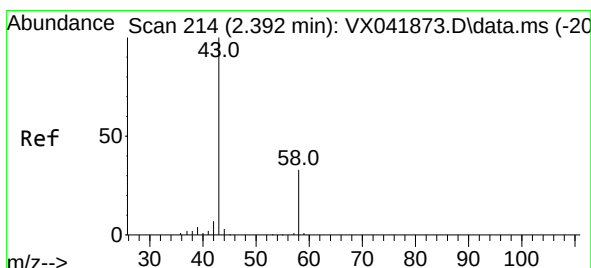
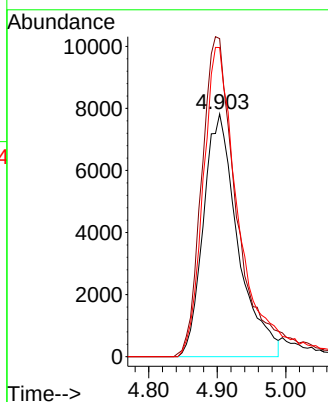
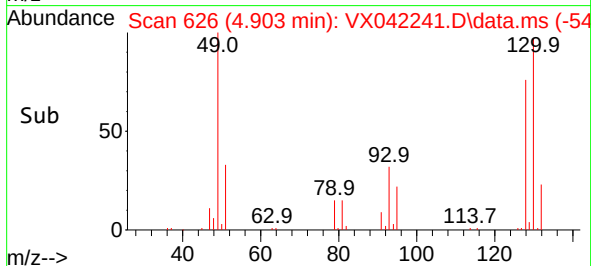
Instrument :
MSVOA_X
ClientSampleId :
240628030-01



Tgt Ion:128 Resp: 2729
Ion Ratio Lower Upper
128 100
49 135.4 0.0 338.5
130 131.0 0.0 324.5

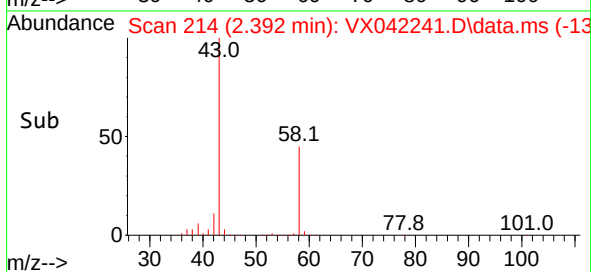
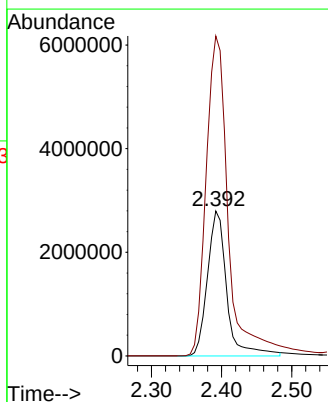
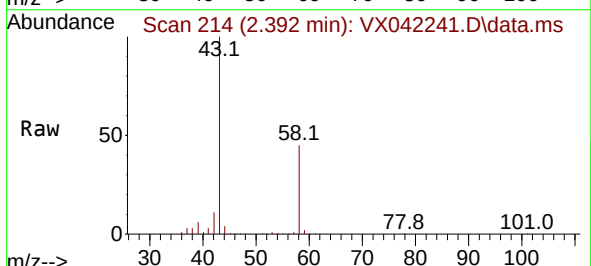
Manual Integrations
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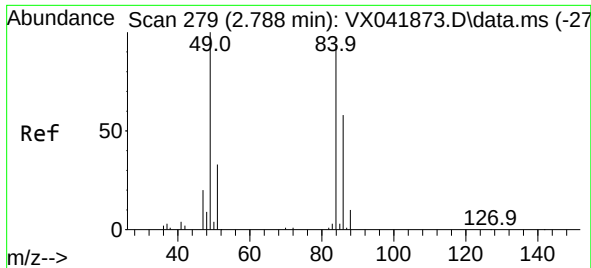
Reviewed By :John Carlone 07/09/2024
Supervised By :Mahesh Dadoda 07/10/2024



#15
Acetone
Concen: 18618.952 ug/l m
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042241.D
Acq: 09 Jul 2024 11:46

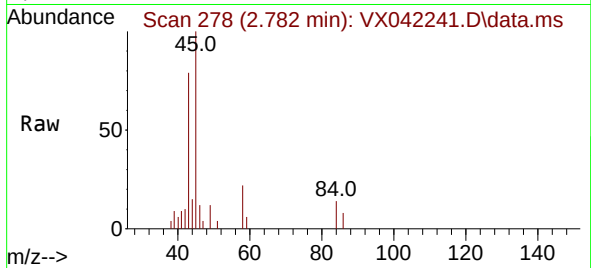
Tgt Ion: 58 Resp: 5375653
Ion Ratio Lower Upper
58 100
43 220.8 243.4 365.2#





#18
Methylene Chloride
Concen: 0.350 ug/l m
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042241.D
Acq: 09 Jul 2024 11:46

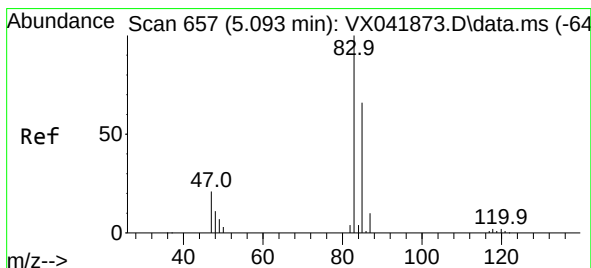
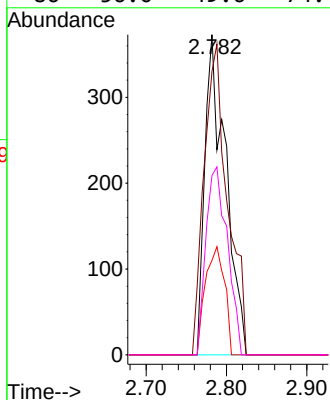
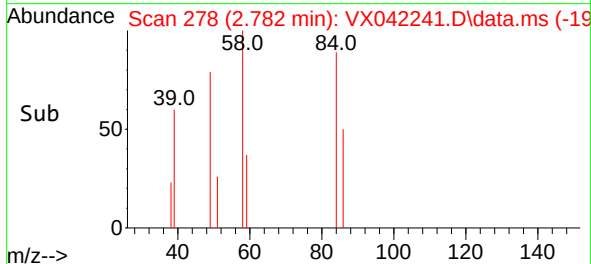
Instrument :
MSVOA_X
ClientSampleId :
240628030-01



Tgt Ion: 84 Resp: 669
Ion Ratio Lower Upper
84 100
49 88.5 85.3 127.9
51 29.5 28.5 42.7
86 56.0 49.6 74.4

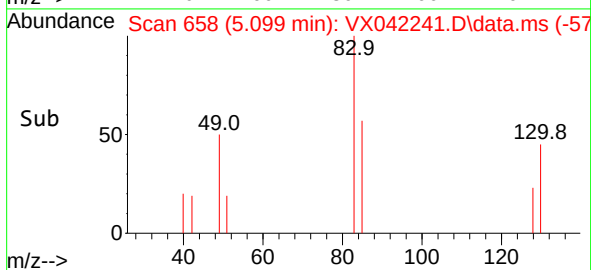
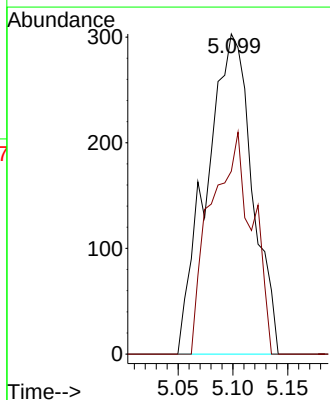
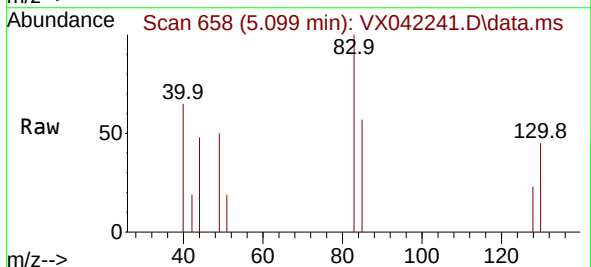
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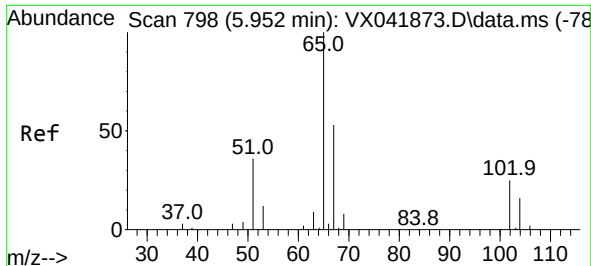
Reviewed By :John Carlone 07/09/2024
Supervised By :Mahesh Dadoda 07/10/2024



#25
Chloroform
Concen: 0.291 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX042241.D
Acq: 09 Jul 2024 11:46

Tgt Ion: 83 Resp: 881
Ion Ratio Lower Upper
83 100
85 57.1 52.7 79.1





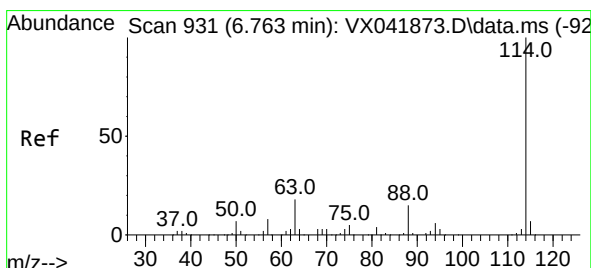
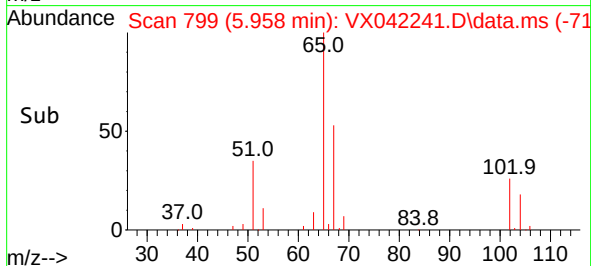
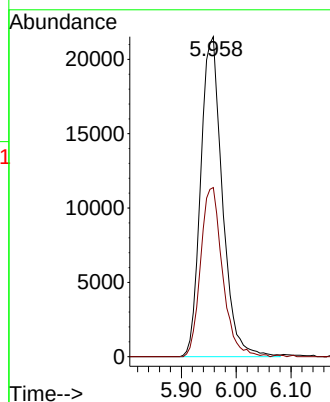
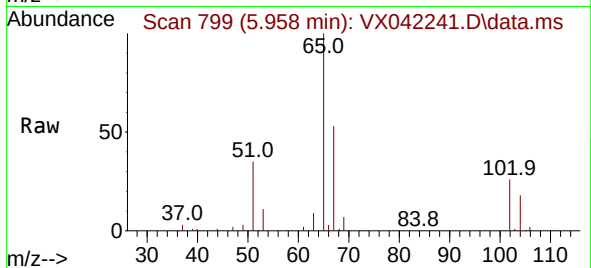
#27
1,2-Dichloroethane-d4
Concen: 31.434 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX042241.D
Acq: 09 Jul 2024 11:46

Instrument :
MSVOA_X
ClientSampleId :
240628030-01

Tgt Ion: 65 Resp: 5905
Ion Ratio Lower Upper
65 100
67 53.3 43.4 65.0

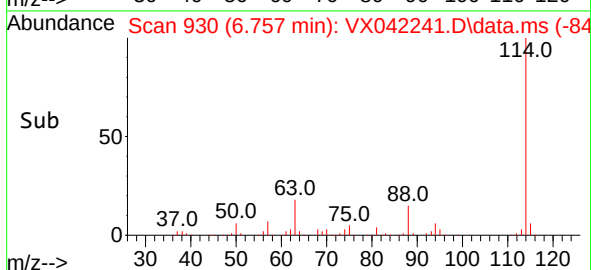
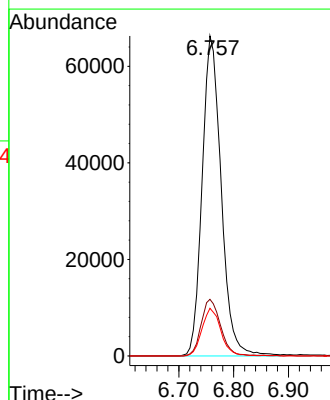
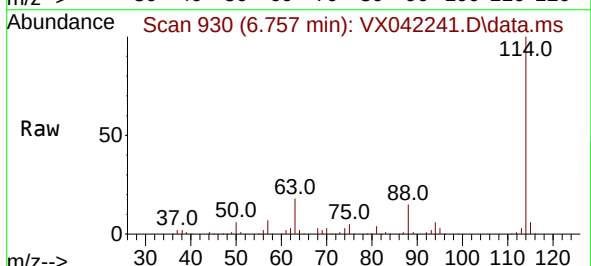
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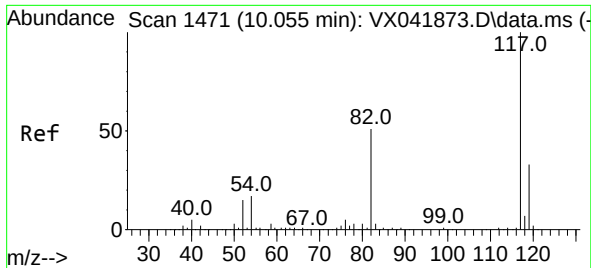
Reviewed By :John Carlone 07/09/2024
Supervised By :Mahesh Dadoda 07/10/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042241.D
Acq: 09 Jul 2024 11:46

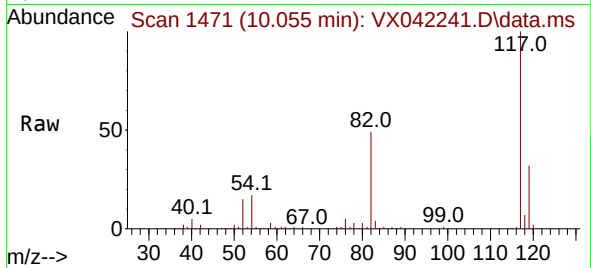
Tgt Ion:114 Resp: 159890
Ion Ratio Lower Upper
114 100
63 17.9 14.6 21.8
88 14.7 11.8 17.8





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042241.D
Acq: 09 Jul 2024 11:46

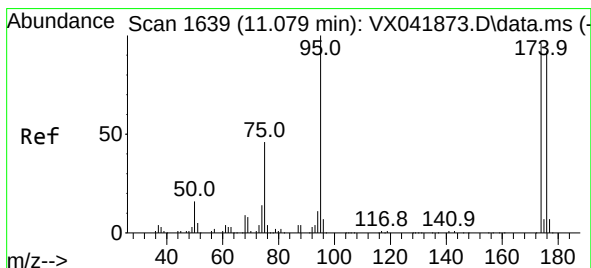
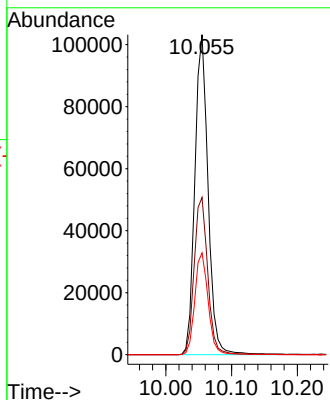
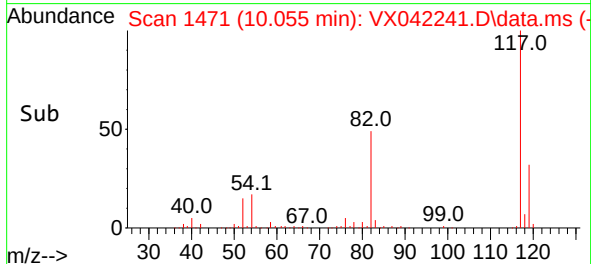
Instrument :
MSVOA_X
ClientSampleId :
240628030-01



Tgt Ion: 117 Resp: 143398
Ion Ratio Lower Upper
117 100
82 50.5 41.1 61.7
119 32.1 26.1 39.1

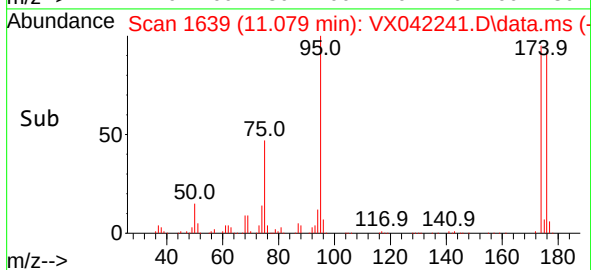
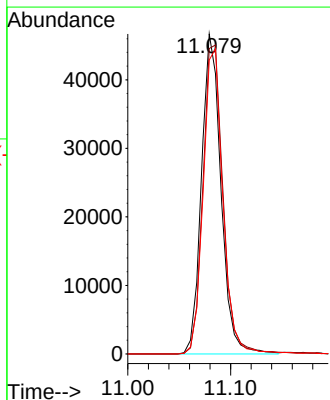
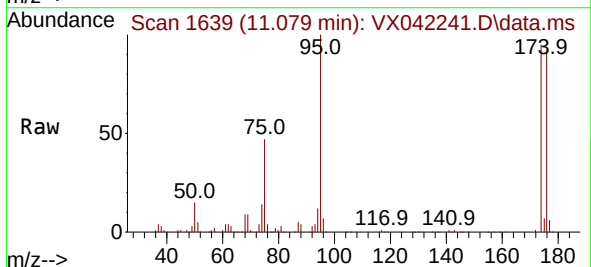
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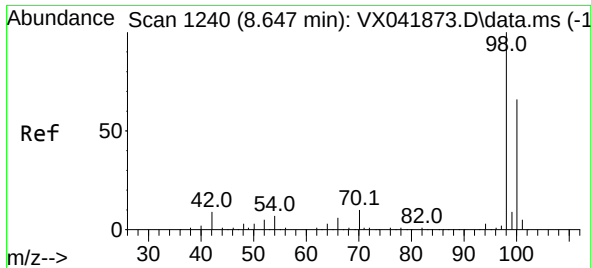
Reviewed By :John Carlone 07/09/2024
Supervised By :Mahesh Dadoda 07/10/2024



#60
4-Bromofluorobenzene
Concen: 27.727 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042241.D
Acq: 09 Jul 2024 11:46

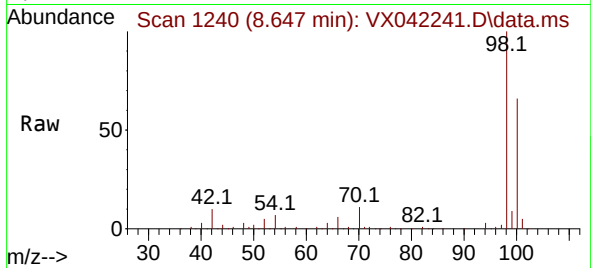
Tgt Ion: 95 Resp: 61546
Ion Ratio Lower Upper
95 100
174 98.4 78.9 118.3
176 96.3 77.1 115.7





#63
Toluene-d8
Concen: 29.230 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042241.D
Acq: 09 Jul 2024 11:46

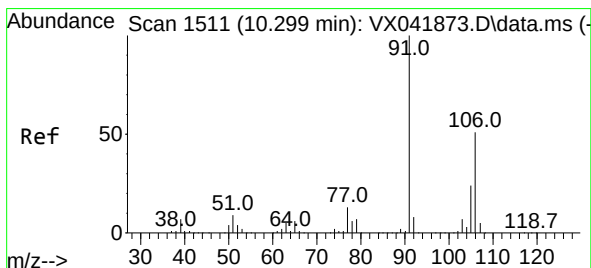
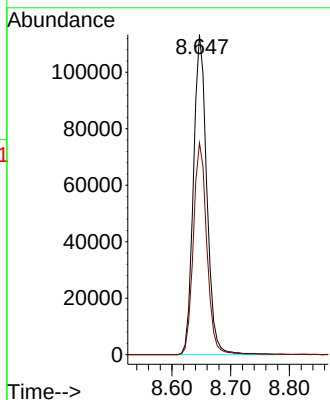
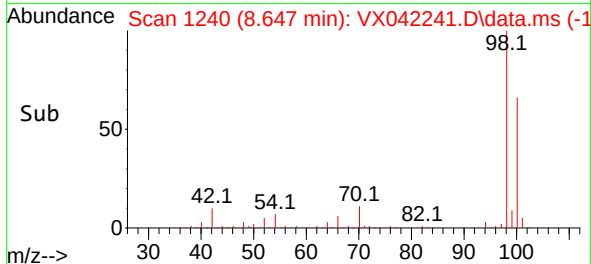
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ClientSampleId :
240628030-01



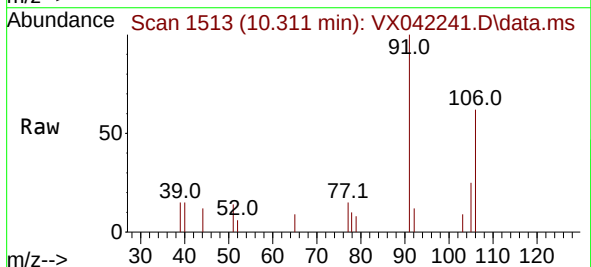
Tgt Ion: 98 Resp: 17932
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1

Manual Integrations
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Reviewed By :John Carlone 07/09/2024
Supervised By :Mahesh Dadoda 07/10/2024



#67
m/p-Xylenes
Concen: 0.417 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX042241.D
Acq: 09 Jul 2024 11:46



Tgt Ion:106 Resp: 1332
Ion Ratio Lower Upper
106 100
91 190.7 157.0 235.6

