

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062724\
 Data File : VX042069.D
 Acq On : 27 Jun 2024 13:02
 Operator : JC/MD
 Sample : VX0627WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBL01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/01/2024
 Supervised By : Mahesh Dadoda 07/01/2024

Quant Time: Jun 28 04:02:31 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	4.904	128	29099	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	166098	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	146699	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	58059	28.984	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.600%		
60) 4-Bromofluorobenzene	11.079	95	62001	27.304	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.000%		
63) Toluene-d8	8.647	98	188820	30.085	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.267%		
Target Compounds						
16) Carbon Disulfide	2.502	76	925	0.237	ug/l #	78
18) Methylene Chloride	2.788	84	1249	0.612	ug/l #	83
55) 2-Chloroethyl vinyl ether	8.263	63	1040m	0.760	ug/l	
91) Naphthalene	13.780	128	3548	0.403	ug/l	97

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

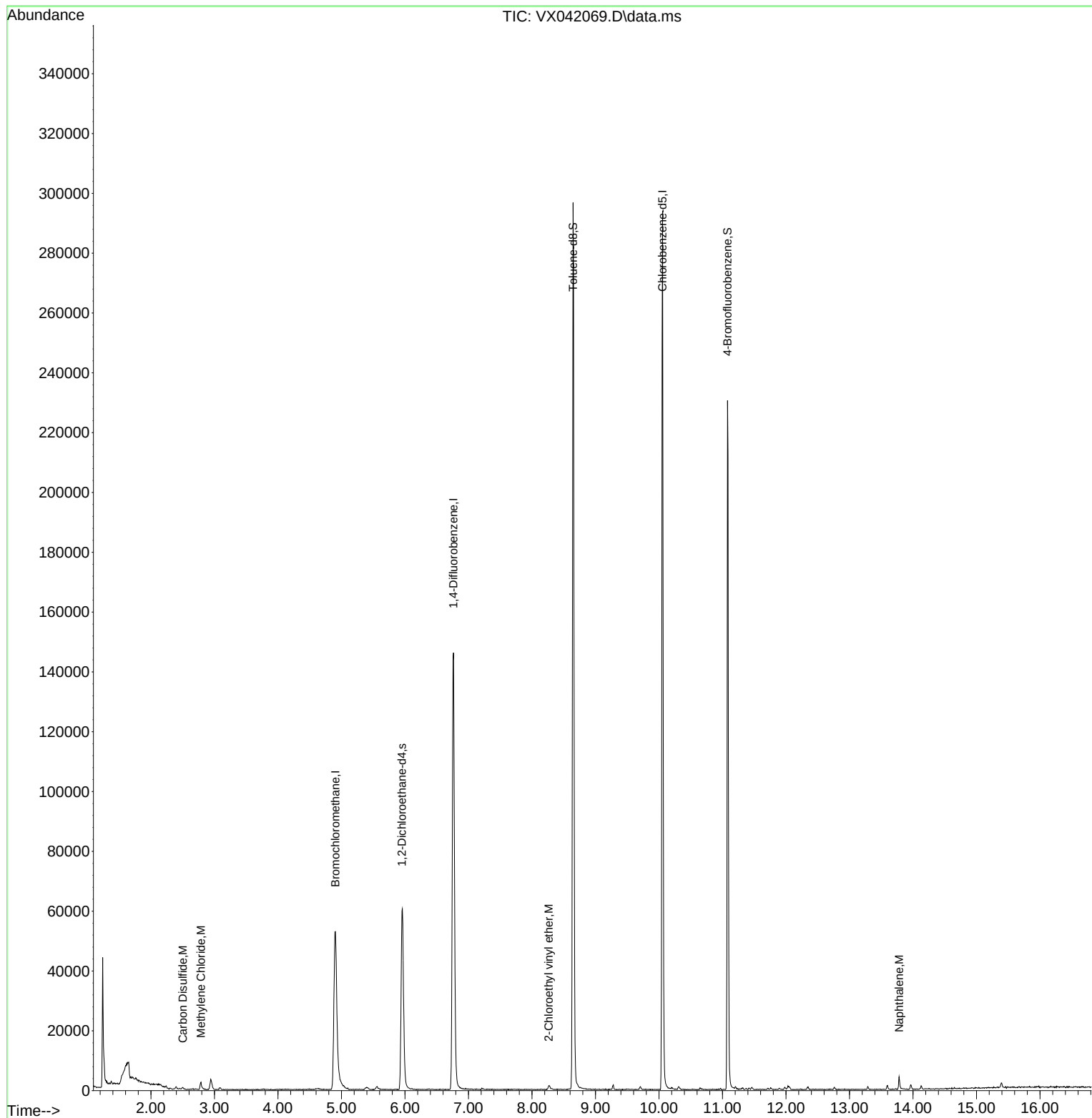
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Data File : VX042069.D
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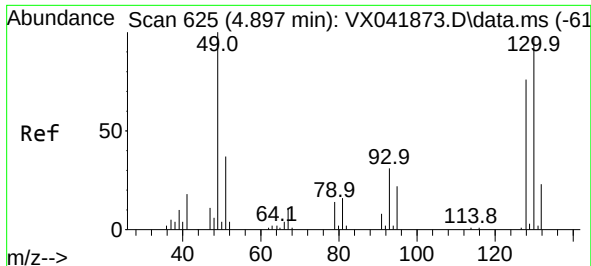
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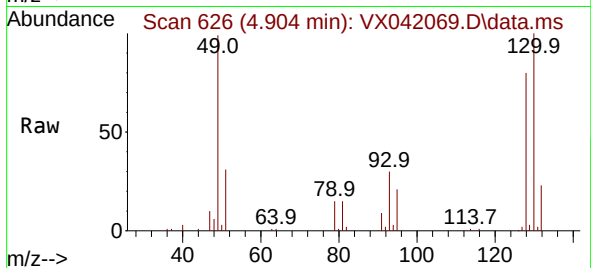
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042069.D
Acq: 27 Jun 2024 13:02

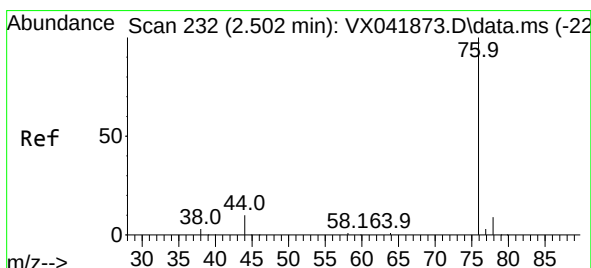
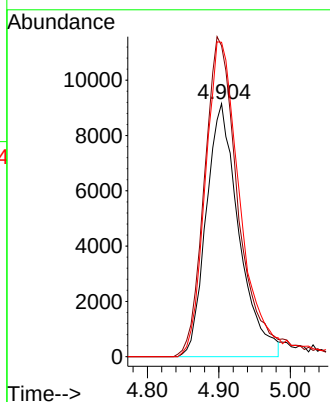
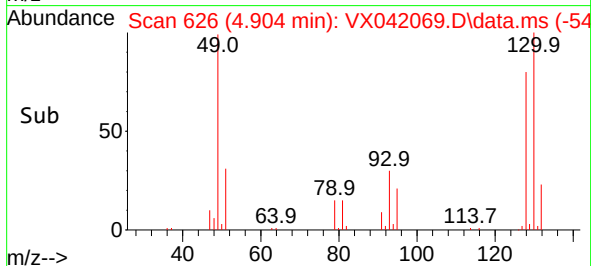
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01



Tgt Ion:128 Resp: 2909
Ion Ratio Lower Upper
128 100
49 129.2 0.0 338.5
130 132.1 0.0 324.5

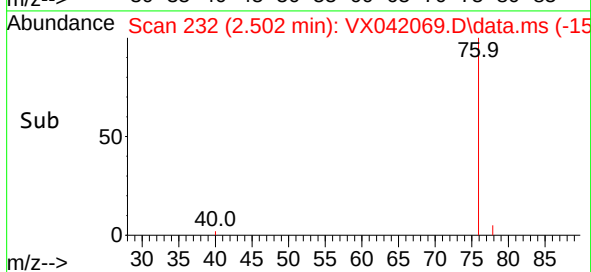
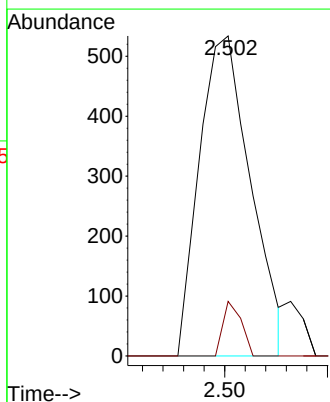
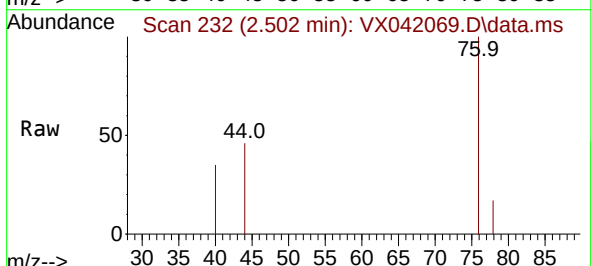
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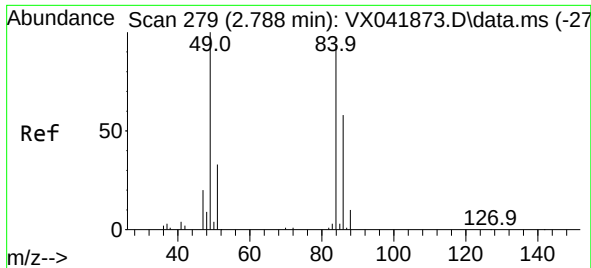
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#16
Carbon Disulfide
Concen: 0.237 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX042069.D
Acq: 27 Jun 2024 13:02

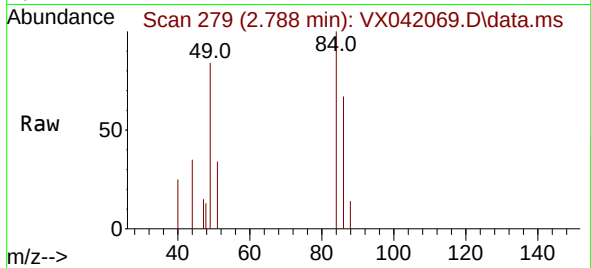
Tgt Ion: 76 Resp: 925
Ion Ratio Lower Upper
76 100
78 17.0 7.3 10.9#





#18
Methylene Chloride
Concen: 0.612 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042069.D
Acq: 27 Jun 2024 13:02

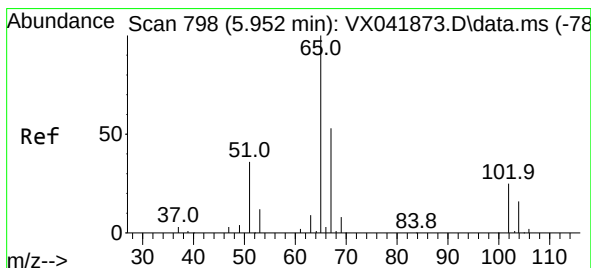
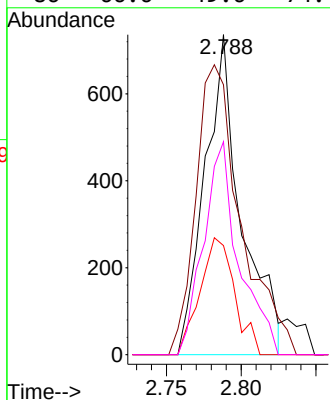
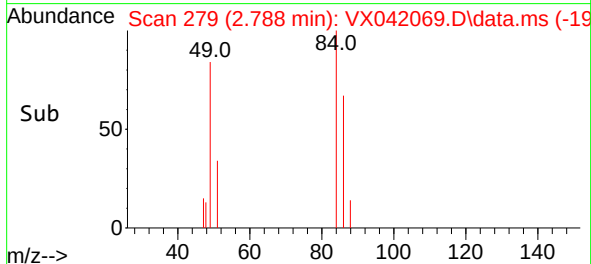
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01



Tgt Ion	84	Resp:	1249
Ion	Ratio	Lower	Upper
84	100		
49	76.4	85.3	127.9
51	34.1	28.5	42.7
86	66.6	49.6	74.4

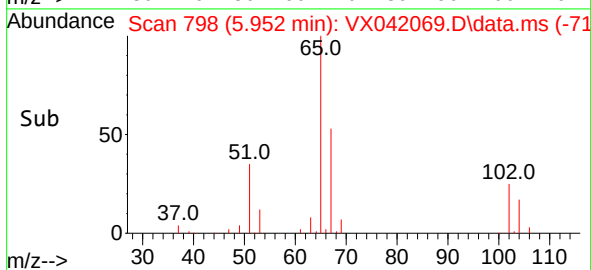
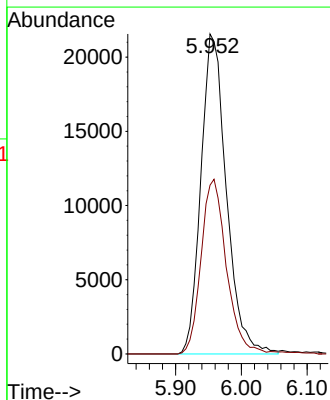
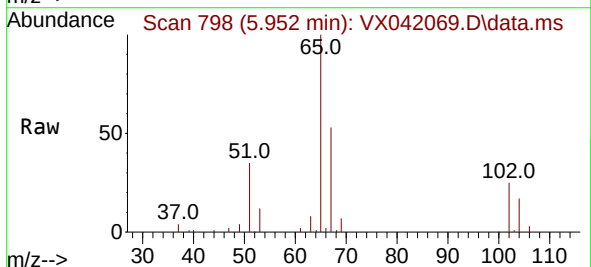
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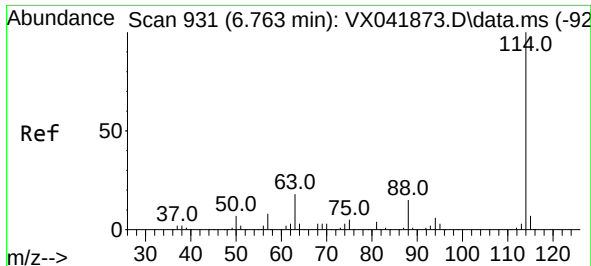
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#27
1,2-Dichloroethane-d4
Concen: 28.984 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX042069.D
Acq: 27 Jun 2024 13:02

Tgt Ion	65	Resp:	58059
Ion	Ratio	Lower	Upper
65	100		
67	54.1	43.4	65.0





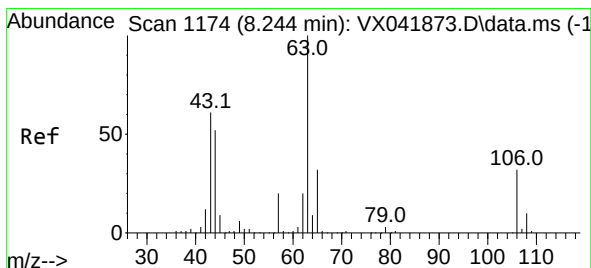
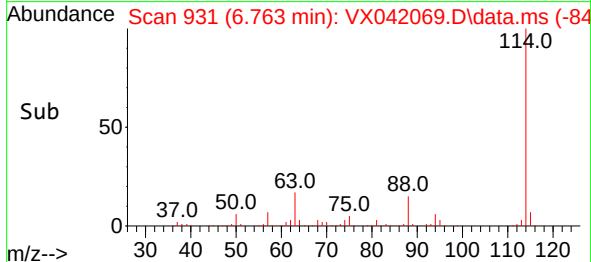
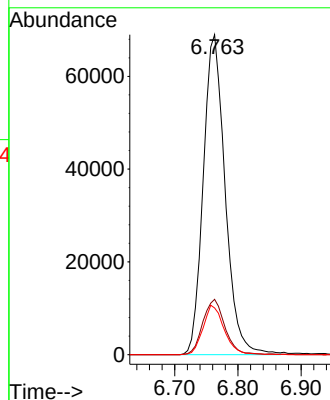
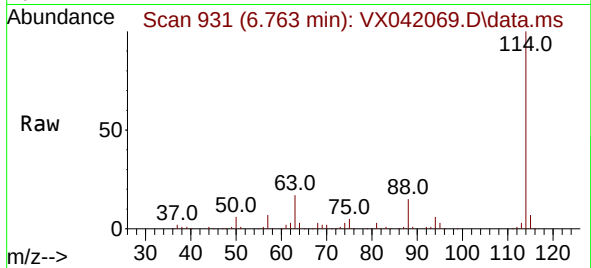
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042069.D
Acq: 27 Jun 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBL01

Tgt Ion:114 Resp: 166098
Ion Ratio Lower Upper
114 100
63 17.4 14.6 21.8
88 15.0 11.8 17.8

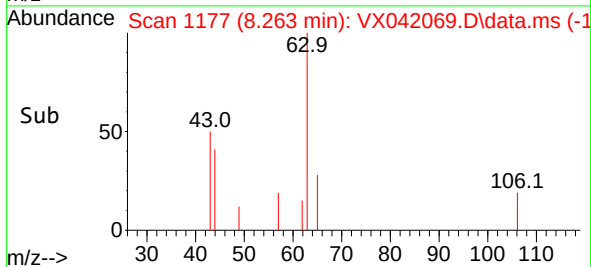
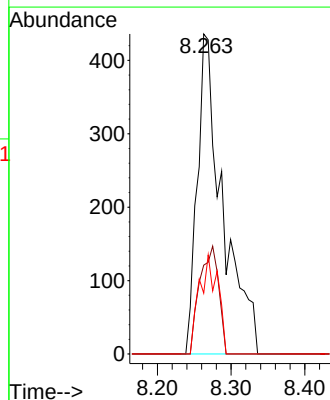
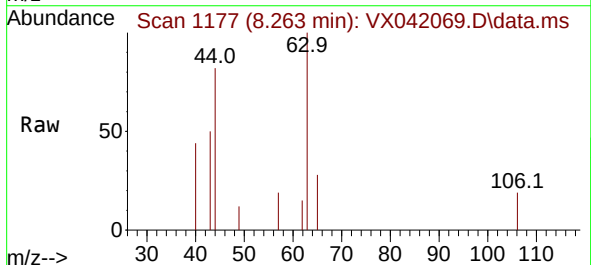
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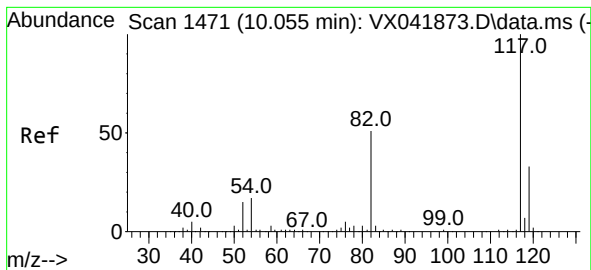
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#55
2-Chloroethyl vinyl ether
Concen: 0.760 ug/l m
RT: 8.263 min Scan# 1177
Delta R.T. 0.018 min
Lab File: VX042069.D
Acq: 27 Jun 2024 13:02

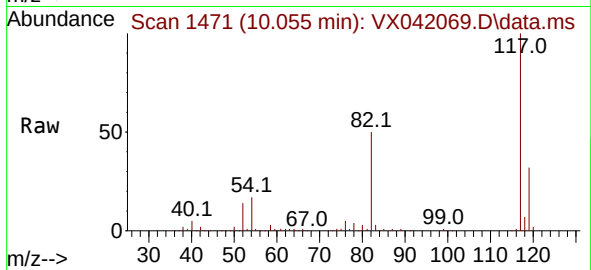
Tgt Ion: 63 Resp: 1040
Ion Ratio Lower Upper
63 100
65 25.3 25.7 38.5#
106 22.7 25.3 37.9#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042069.D
Acq: 27 Jun 2024 13:02

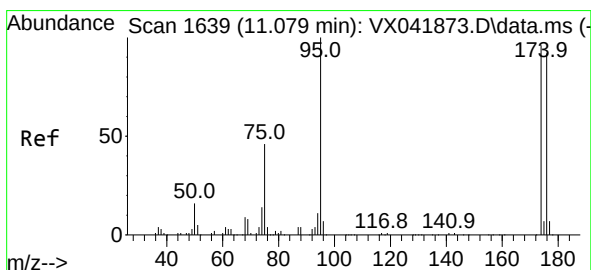
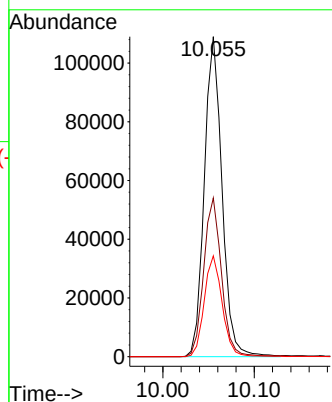
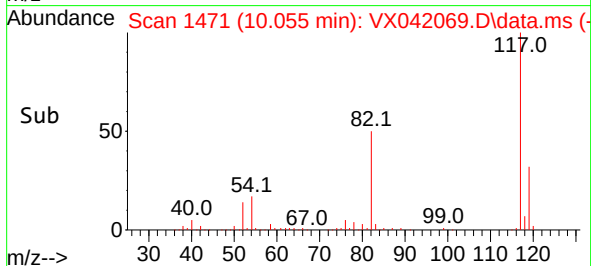
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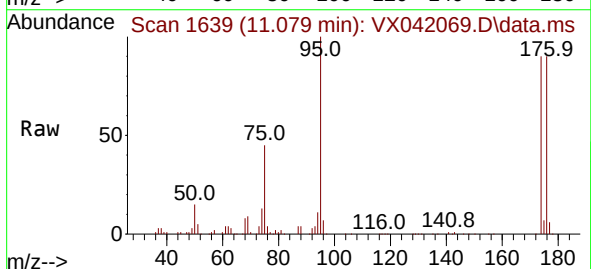
Tgt Ion:117 Resp: 146699
Ion Ratio Lower Upper
117 100
82 49.8 41.1 61.7
119 32.0 26.1 39.1

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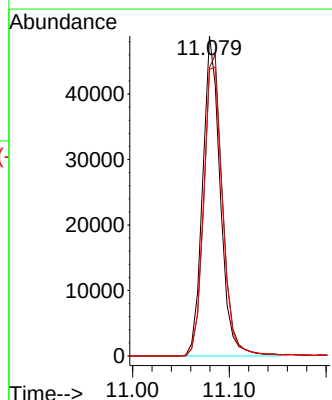
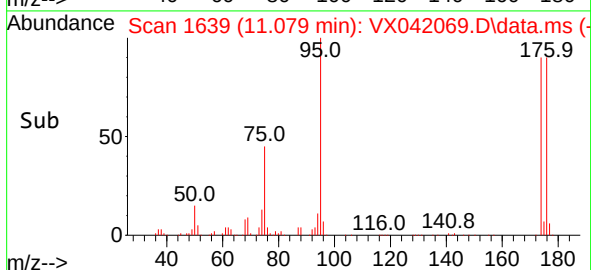
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

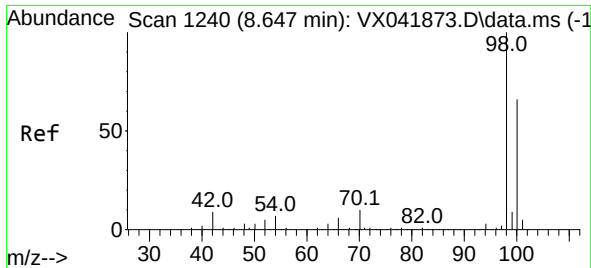


#60
4-Bromofluorobenzene
Concen: 27.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042069.D
Acq: 27 Jun 2024 13:02



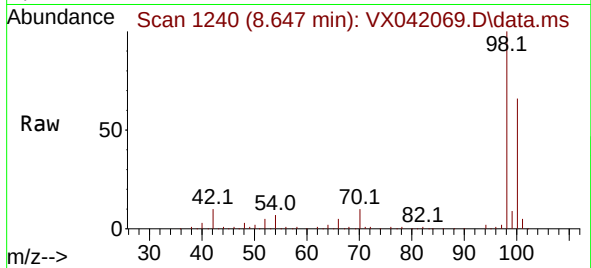
Tgt Ion: 95 Resp: 62001
Ion Ratio Lower Upper
95 100
174 99.9 78.9 118.3
176 97.5 77.1 115.7





#63
Toluene-d8
Concen: 30.085 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042069.D
Acq: 27 Jun 2024 13:02

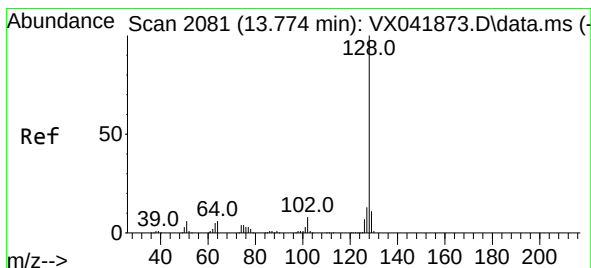
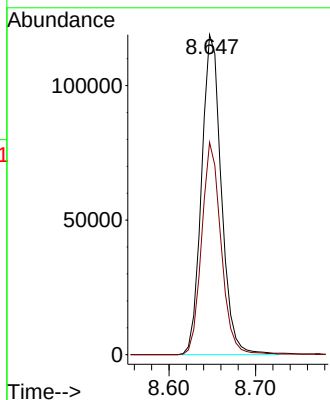
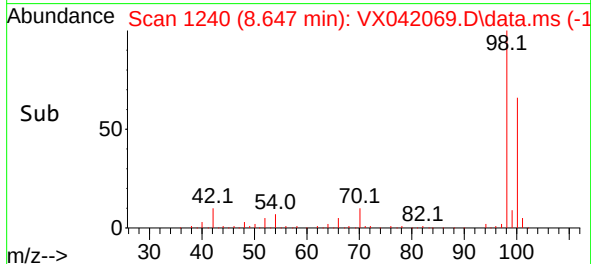
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VX0627WBL01



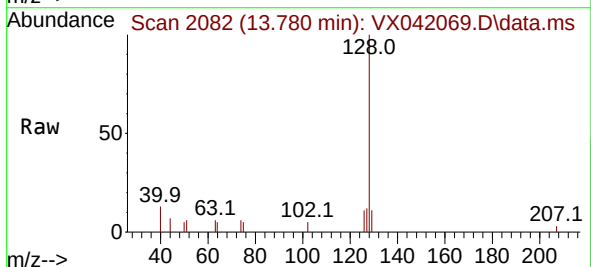
Tgt Ion: 98 Resp: 188820
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

Manual Integrations
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#91
Naphthalene
Concen: 0.403 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042069.D
Acq: 27 Jun 2024 13:02



Tgt Ion:128 Resp: 3548
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 9.5 8.7 13.1

