

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062724\
 Data File : VX042071.D
 Acq On : 27 Jun 2024 13:51
 Operator : JC/MD
 Sample : P3028-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240620099-05

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 04:03:18 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	29630	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	145132	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	126213	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	57708	28.292	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.300%		
60) 4-Bromofluorobenzene	11.079	95	53505	27.387	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.300%		
63) Toluene-d8	8.647	98	159354	29.511	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.367%		
Target Compounds						Qvalue
5) Bromomethane	1.599	94	3620	3.230	ug/l	95
11) Methyl Iodide	2.453	142	3919m	1.663	ug/l	
15) Acetone	2.392	58	436	1.391	ug/l #	55
18) Methylene Chloride	2.788	84	928	0.447	ug/l #	93

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

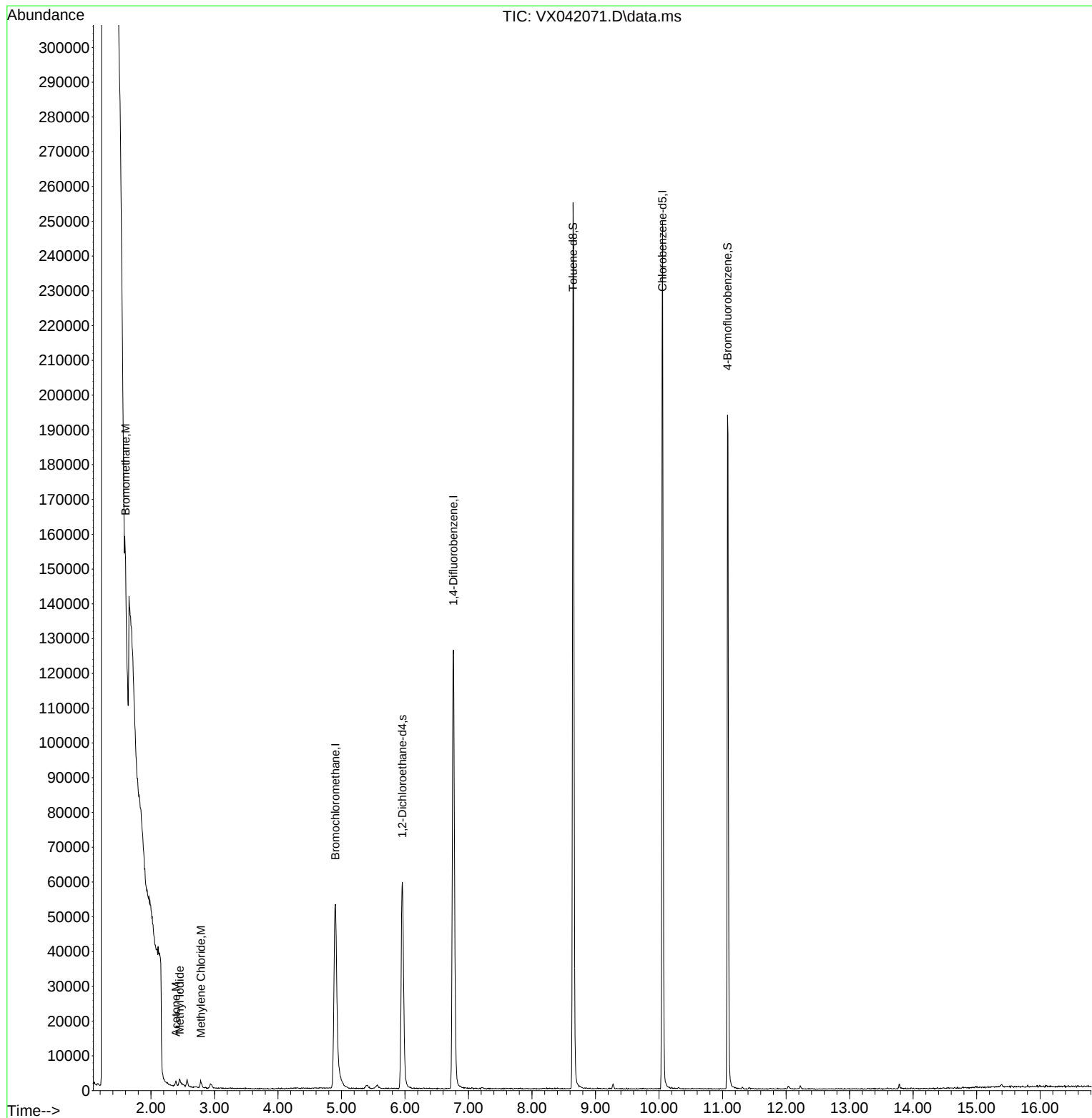
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Data File : VX042071.D
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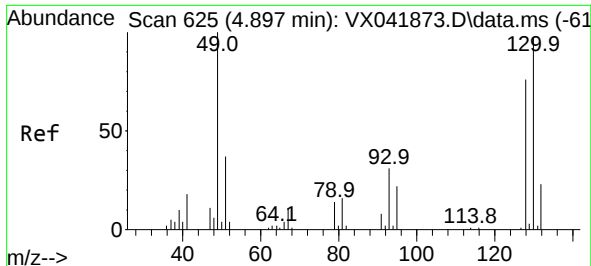
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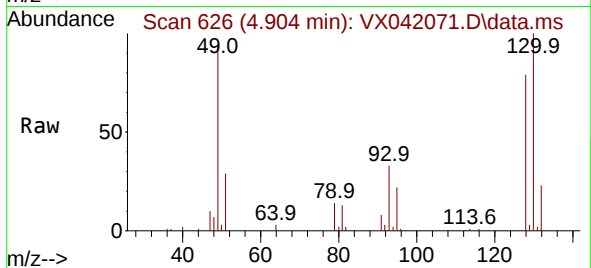
Quant Time: Jun 28 04:03:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jun 15 04:02:59 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042071.D
Acq: 27 Jun 2024 13:51

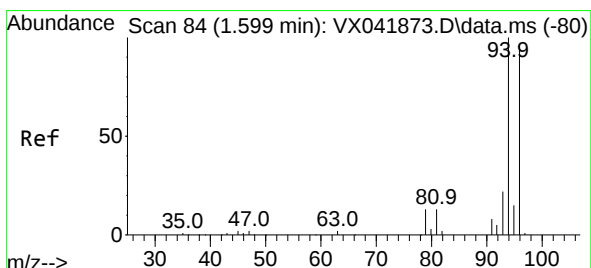
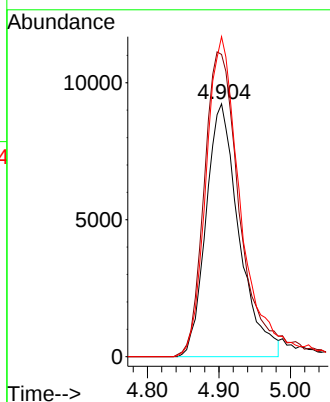
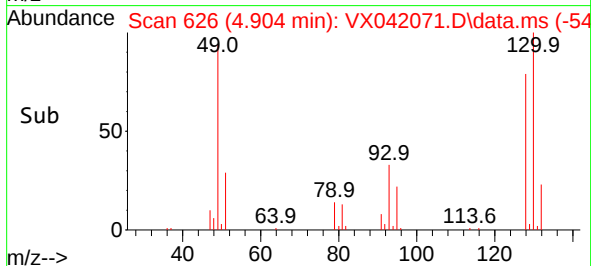
Instrument :
MSVOA_X
ClientSampleId :
240620099-05



Tgt Ion:128 Resp: 29630
Ion Ratio Lower Upper
128 100
49 130.0 0.0 338.5
130 132.7 0.0 324.5

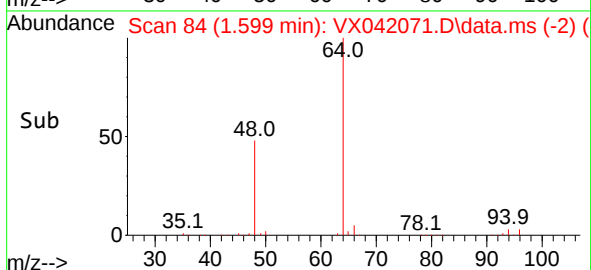
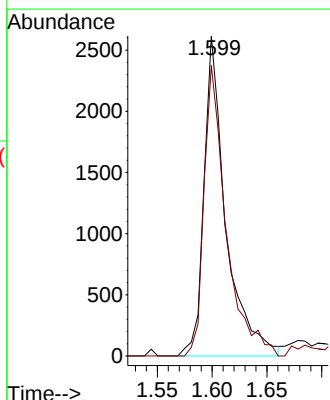
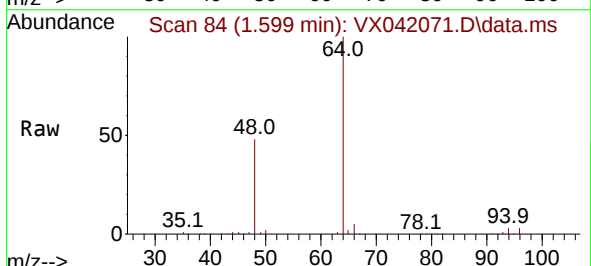
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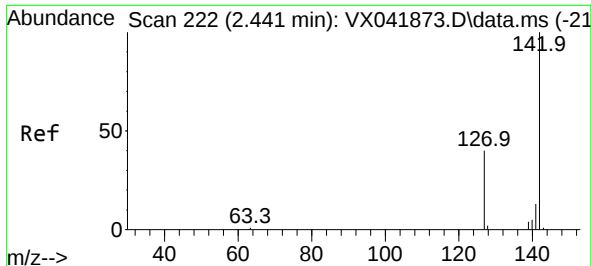
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#5
Bromomethane
Concen: 3.230 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042071.D
Acq: 27 Jun 2024 13:51

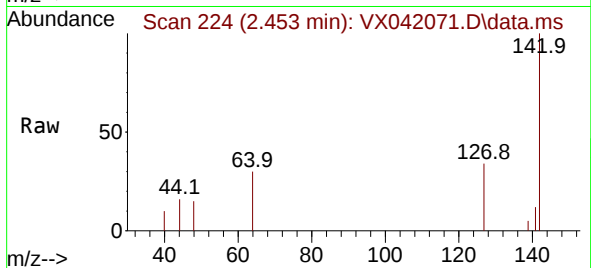
Tgt Ion: 94 Resp: 3620
Ion Ratio Lower Upper
94 100
96 90.7 76.6 115.0





#11
Methyl Iodide
Concen: 1.663 ug/l m
RT: 2.453 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX042071.D
Acq: 27 Jun 2024 13:51

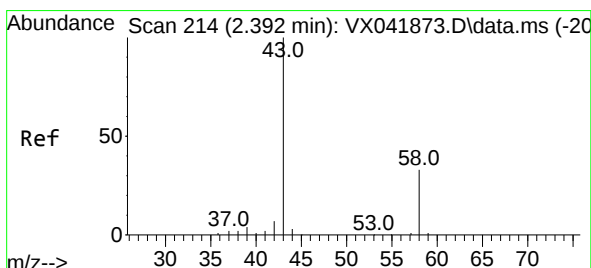
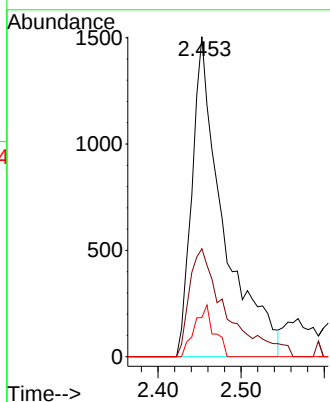
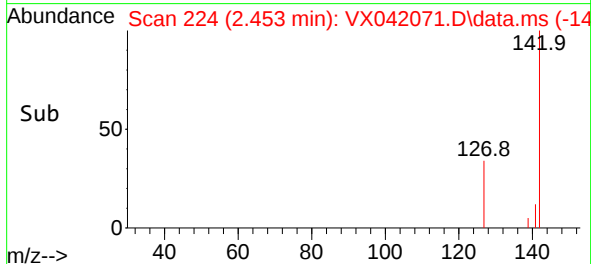
Instrument :
MSVOA_X
ClientSampleId :
240620099-05



Tgt Ion:142 Resp: 3919
Ion Ratio Lower Upper
142 100
127 33.8 19.8 59.3
141 12.2 6.7 20.1

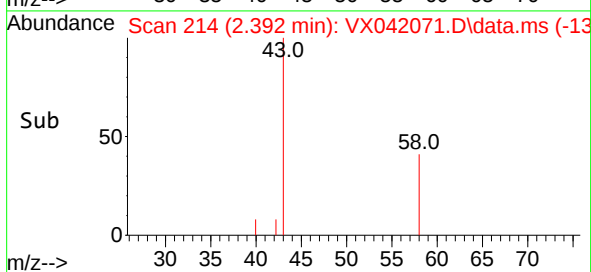
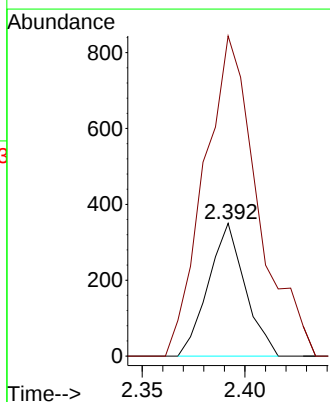
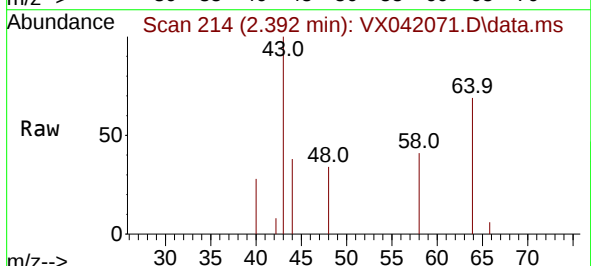
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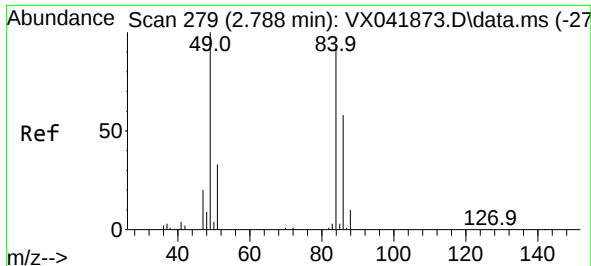
Reviewed By :John Carlone 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#15
Acetone
Concen: 1.391 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042071.D
Acq: 27 Jun 2024 13:51

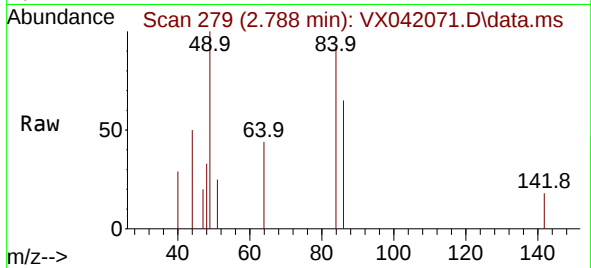
Tgt Ion: 58 Resp: 436
Ion Ratio Lower Upper
58 100
43 214.3 243.4 365.2#





#18
Methylene Chloride
Concen: 0.447 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042071.D
Acq: 27 Jun 2024 13:51

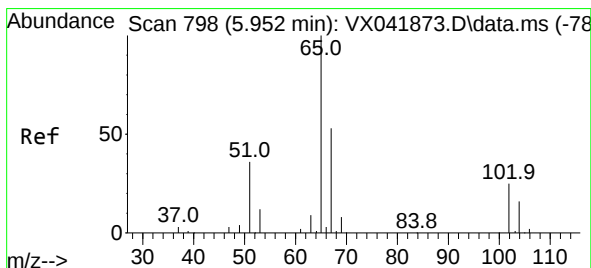
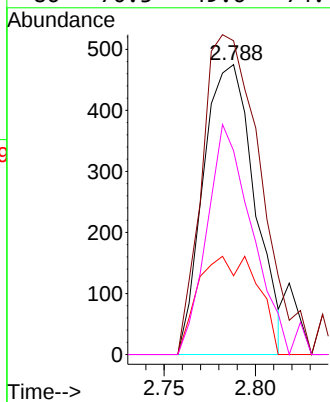
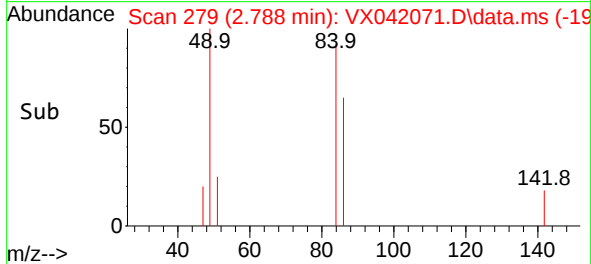
Instrument :
MSVOA_X
ClientSampleId :
240620099-05



Tgt Ion: 84 Resp: 928
Ion Ratio Lower Upper
84 100
49 108.2 85.3 127.9
51 27.2 28.5 42.7
86 70.3 49.6 74.4

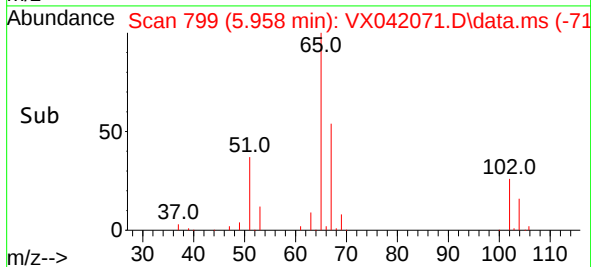
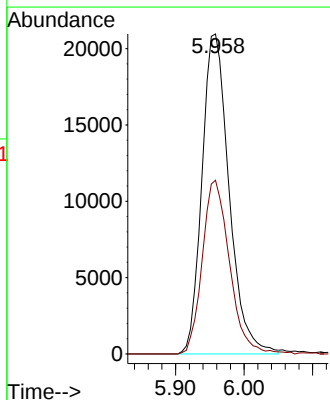
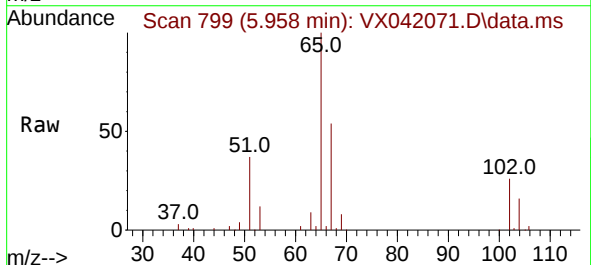
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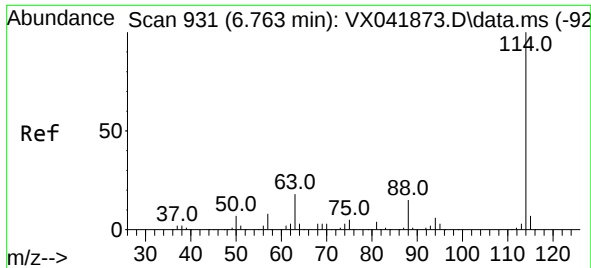
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#27
1,2-Dichloroethane-d4
Concen: 28.292 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042071.D
Acq: 27 Jun 2024 13:51

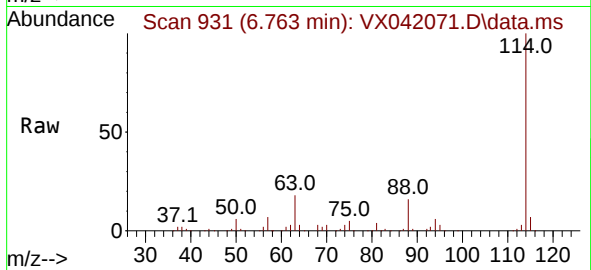
Tgt Ion: 65 Resp: 57708
Ion Ratio Lower Upper
65 100
67 54.5 43.4 65.0





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042071.D
Acq: 27 Jun 2024 13:51

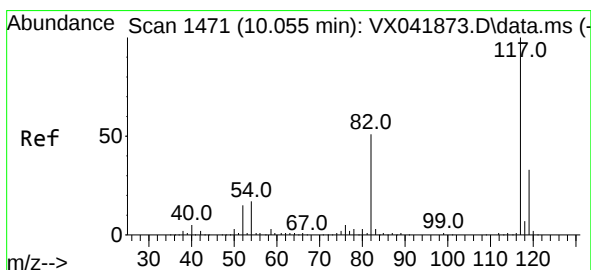
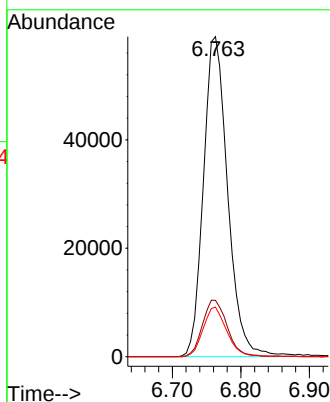
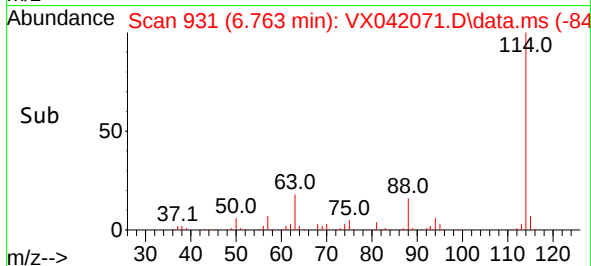
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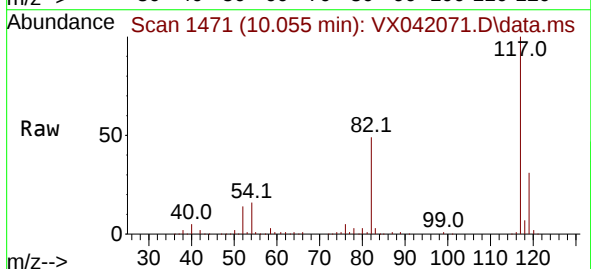
Tgt Ion:114 Resp: 14513
Ion Ratio Lower Upper
114 100
63 17.9 14.6 21.8
88 15.0 11.8 17.8

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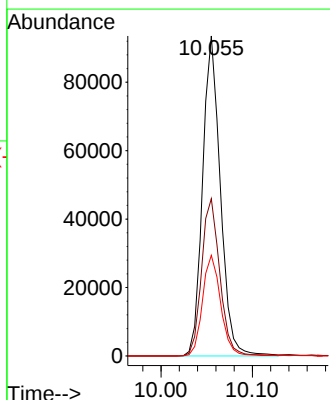
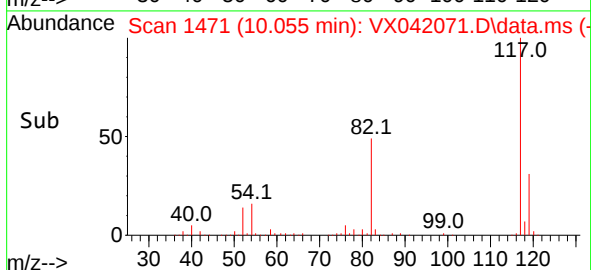
Reviewed By :John Carlone 07/01/2024
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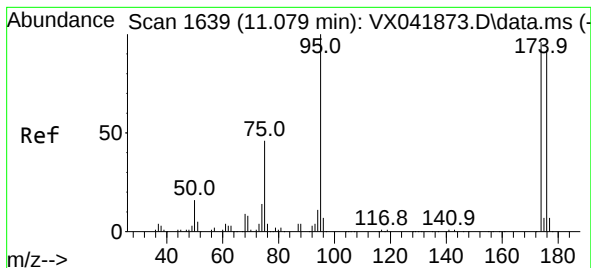


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042071.D
Acq: 27 Jun 2024 13:51



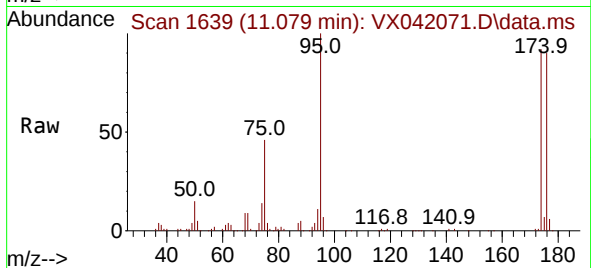
Tgt Ion:117 Resp: 126213
Ion Ratio Lower Upper
117 100
82 50.3 41.1 61.7
119 32.1 26.1 39.1





#60
4-Bromofluorobenzene
Concen: 27.387 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042071.D
Acq: 27 Jun 2024 13:51

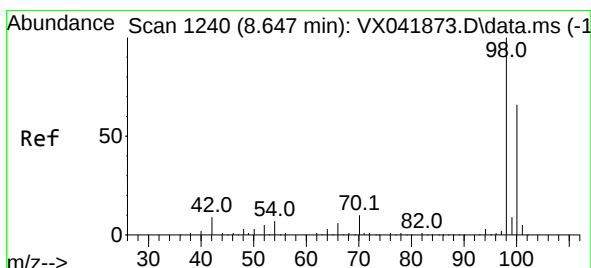
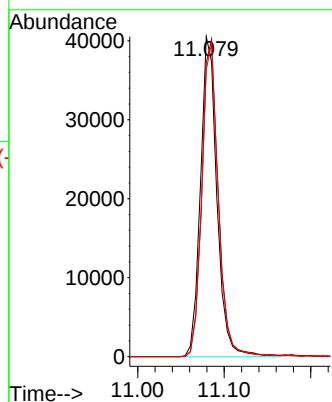
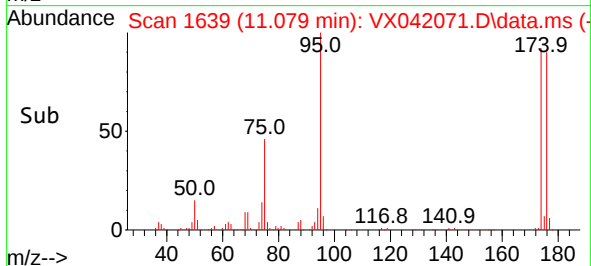
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Tgt Ion: 95 Resp: 53508
Ion Ratio Lower Upper
95 100
174 99.2 78.9 118.3
176 96.9 77.1 115.7

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#63
Toluene-d8
Concen: 29.511 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042071.D
Acq: 27 Jun 2024 13:51

Tgt Ion: 98 Resp: 159354
Ion Ratio Lower Upper
98 100
100 67.5 52.7 79.1

