

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084075.D
 Acq On : 20 Sep 2024 17:09
 Operator : JC\MD
 Sample : PB163512ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB163512ZHE#08

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

Quant Time: Sep 23 06:25:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	25469	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	136333	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	124933	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	68705	29.512	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.367%	
60) 4-Bromofluorobenzene	12.847	95	53820	24.995	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	83.333%	
63) Toluene-d8	10.565	98	171070	29.572	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.567%	
Target Compounds						
15) Acetone	4.436	58	15230	59.429	ug/l	Qvalue 70
18) Methylene Chloride	5.283	84	6916	3.993	ug/l	# 85
44) Isopropyl Acetate	8.688	43	218739m	61.640	ug/l	

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

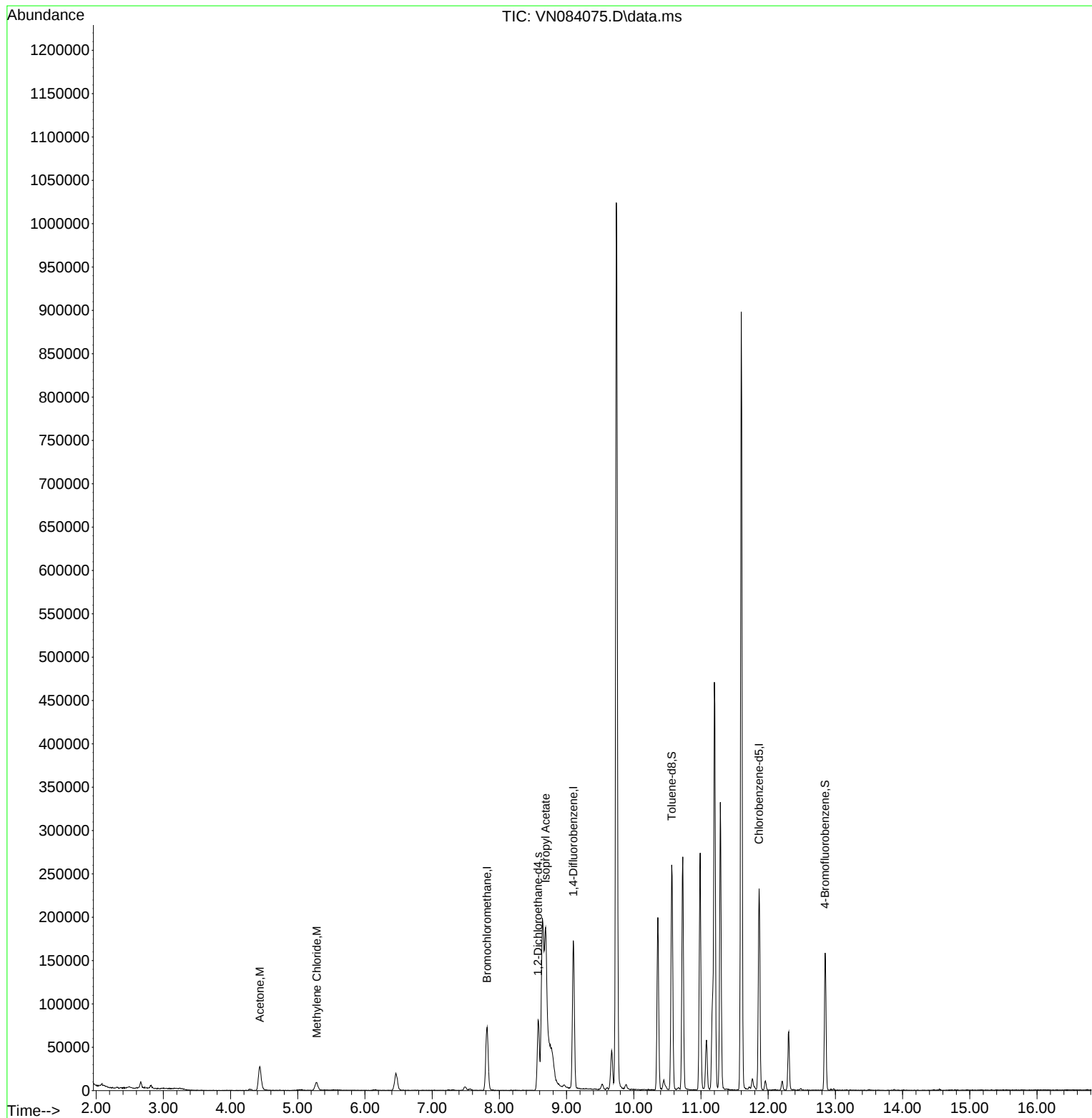
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
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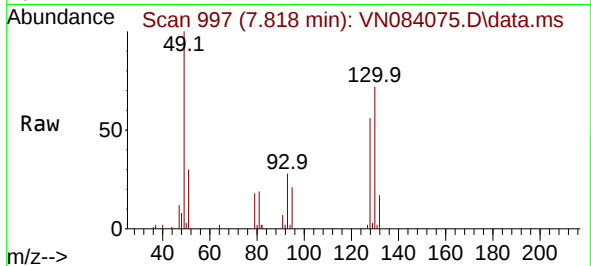
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 06 23:42:47 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084075.D
Acq: 20 Sep 2024 17:09

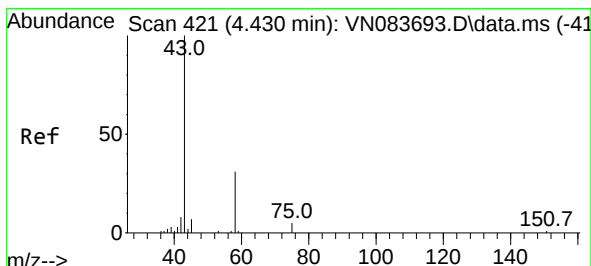
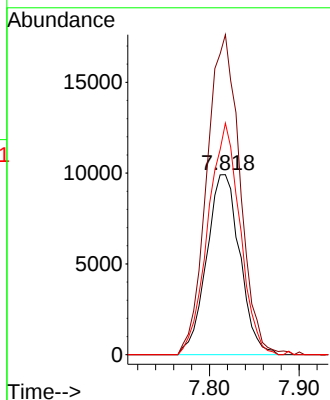
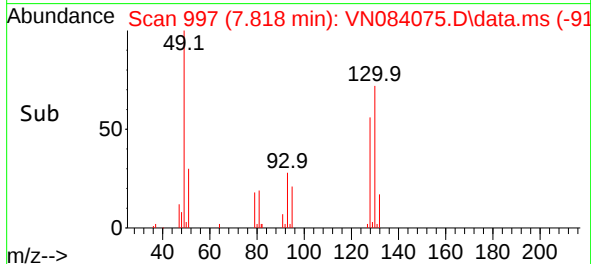
Instrument :
MSVOA_N
ClientSampleId :
PB163512ZHE#08



Tgt Ion:128 Resp: 25469
Ion Ratio Lower Upper
128 100
49 177.0 0.0 403.7
130 123.9 0.0 323.3

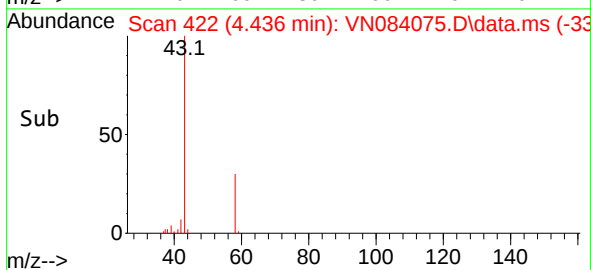
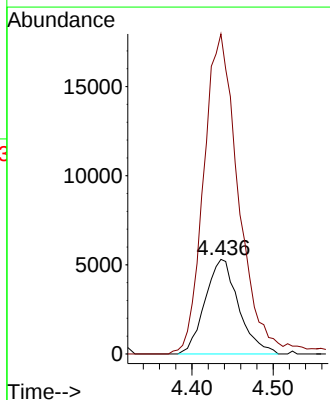
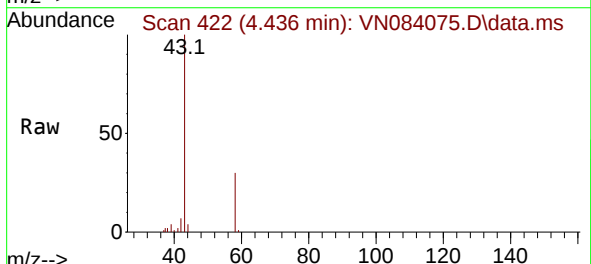
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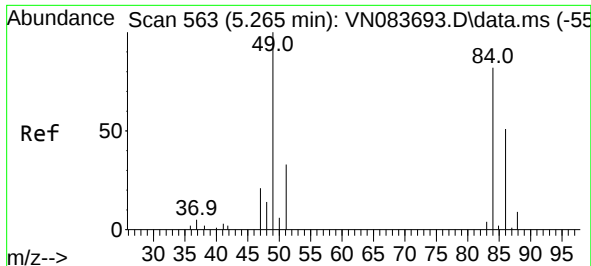
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#15
Acetone
Concen: 59.429 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN084075.D
Acq: 20 Sep 2024 17:09

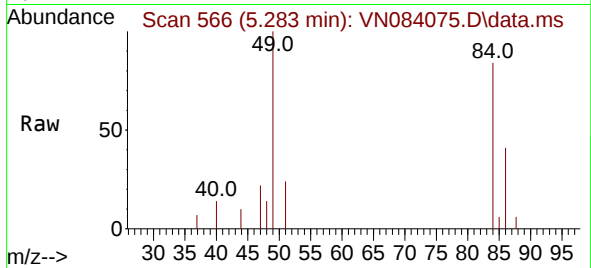
Tgt Ion: 58 Resp: 15230
Ion Ratio Lower Upper
58 100
43 334.4 223.1 334.7





#18
Methylene Chloride
Concen: 3.993 ug/l
RT: 5.283 min Scan# 50
Delta R.T. 0.018 min
Lab File: VN084075.D
Acq: 20 Sep 2024 17:09

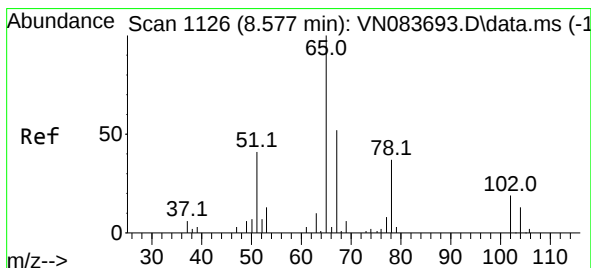
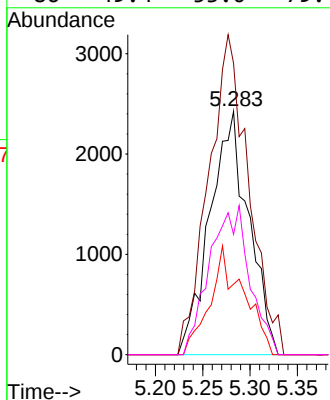
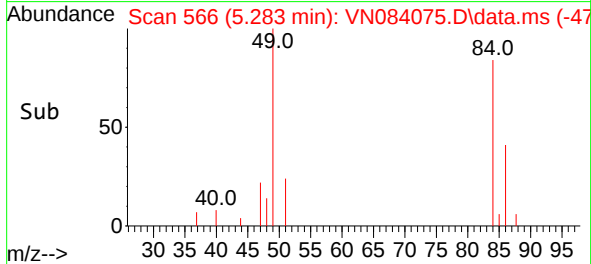
Instrument :
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ClientSampleId :
PB163512ZHE#08



Tgt Ion: 84 Resp: 6910
Ion Ratio Lower Upper
84 100
49 119.7 86.0 129.0
51 29.0 30.0 45.0
86 49.4 53.0 79.4#

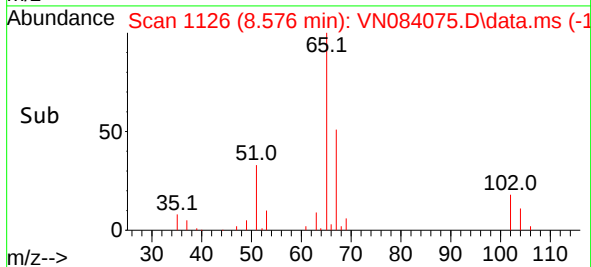
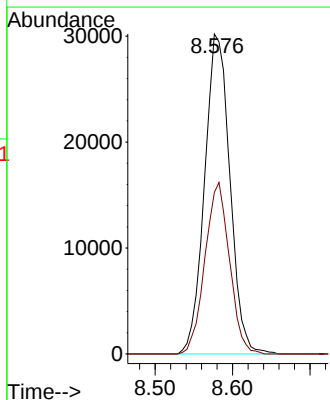
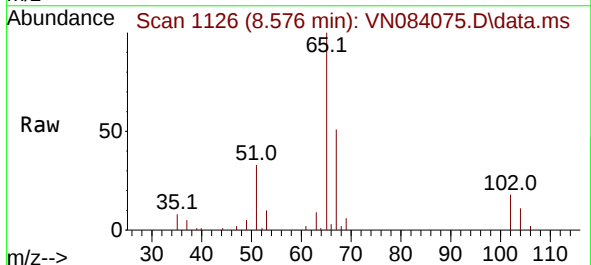
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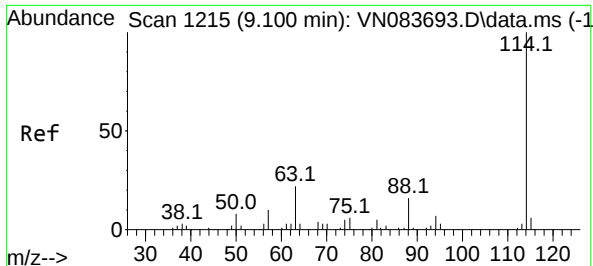
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#27
1,2-Dichloroethane-d4
Concen: 29.512 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084075.D
Acq: 20 Sep 2024 17:09

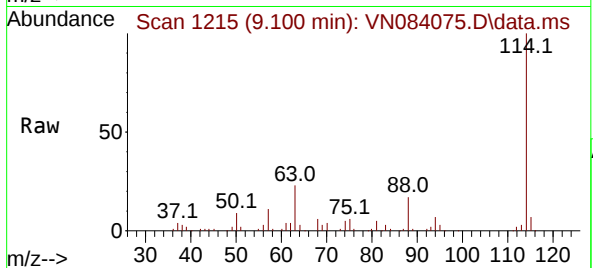
Tgt Ion: 65 Resp: 68705
Ion Ratio Lower Upper
65 100
67 51.9 43.2 64.8





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN084075.D
Acq: 20 Sep 2024 17:09

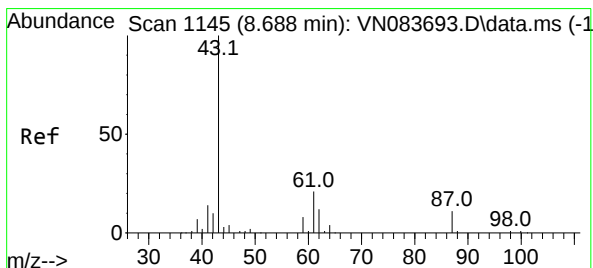
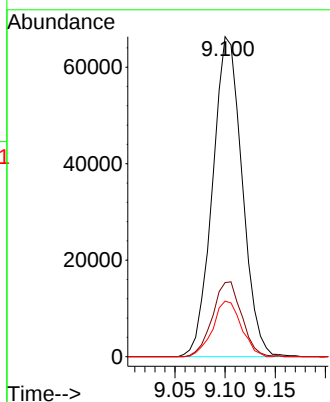
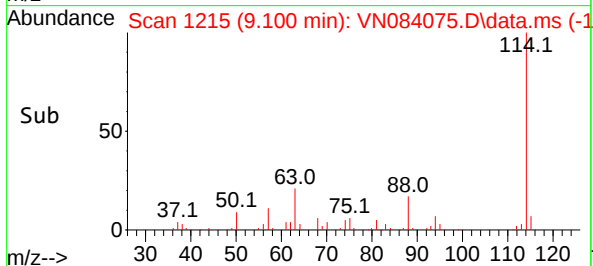
Instrument :
MSVOA_N
ClientSampleId :
PB163512ZHE#08



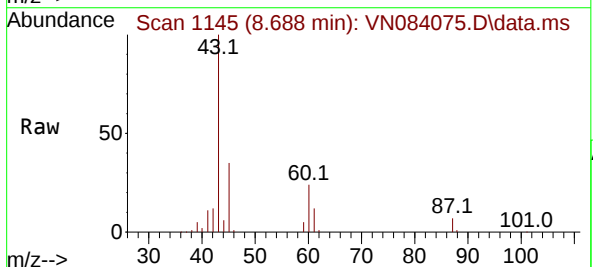
Tgt Ion:114 Resp: 13633
Ion Ratio Lower Upper
114 100
63 23.0 15.9 23.9
88 16.7 12.7 19.1

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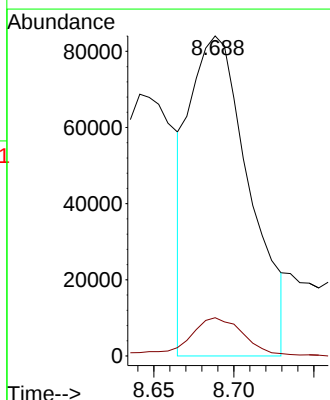
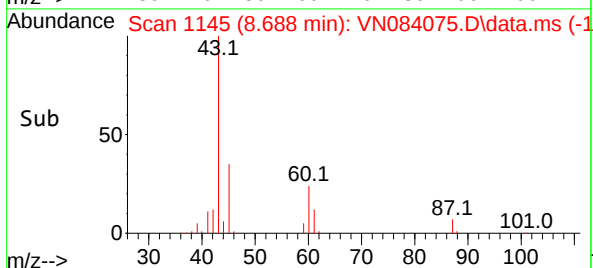
Reviewed By :John Carlone 09/23/2024
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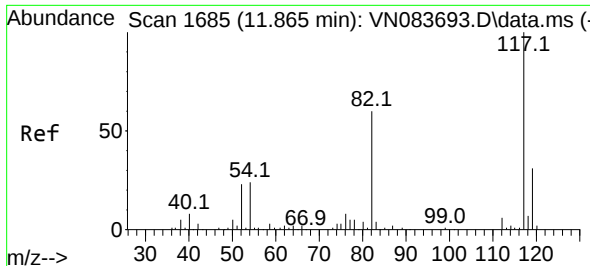


#44
Isopropyl Acetate
Concen: 61.640 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084075.D
Acq: 20 Sep 2024 17:09



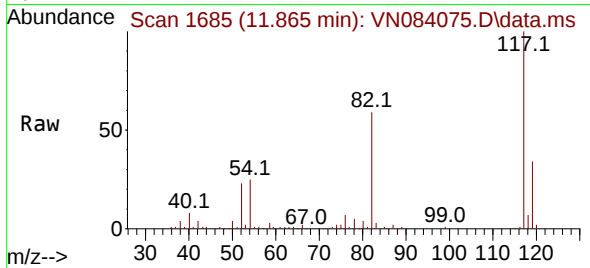
Tgt Ion: 43 Resp: 218739
Ion Ratio Lower Upper
43 100
61 11.4 25.0 37.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084075.D
Acq: 20 Sep 2024 17:09

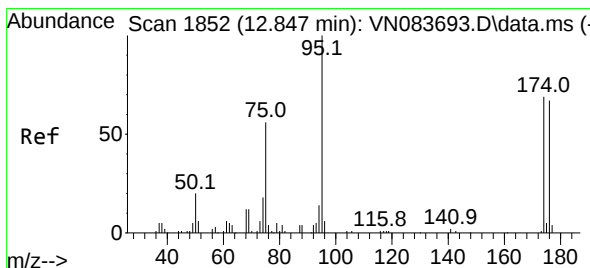
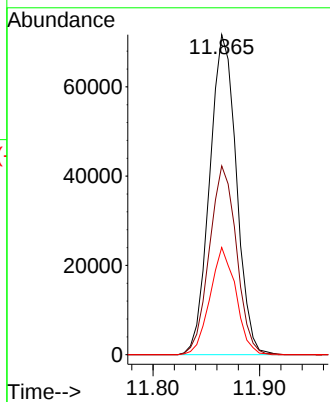
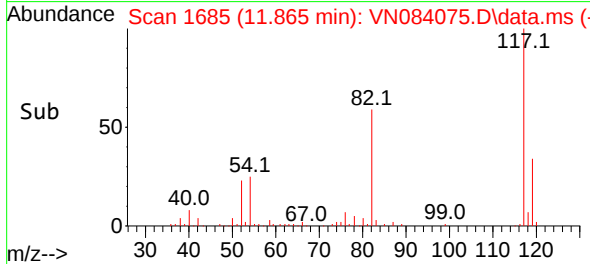
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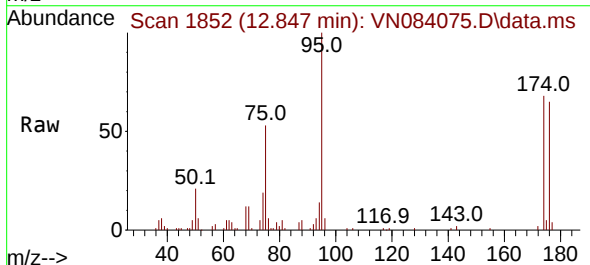
Tgt Ion: 117 Resp: 12493
Ion Ratio Lower Upper
117 100
82 59.9 46.6 69.8
119 32.4 25.4 38.2

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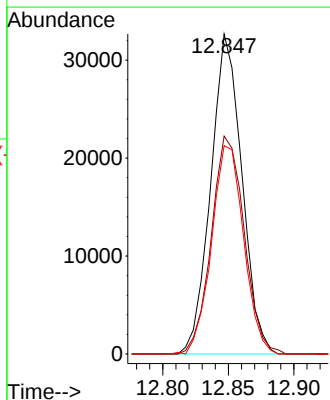
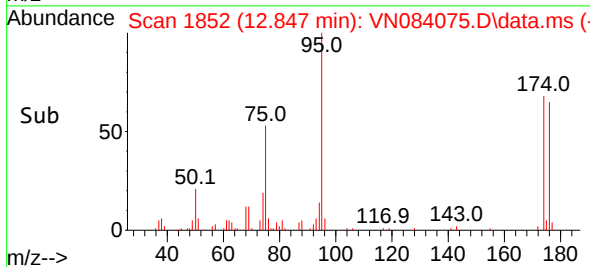
Reviewed By :John Carlone 09/23/2024
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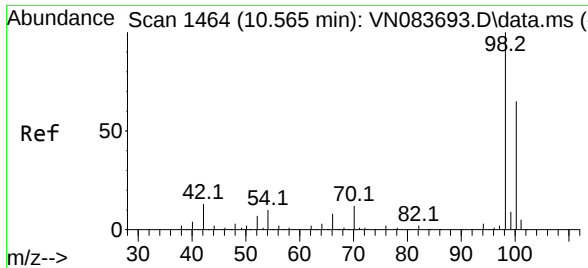


#60
4-Bromofluorobenzene
Concen: 24.995 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084075.D
Acq: 20 Sep 2024 17:09



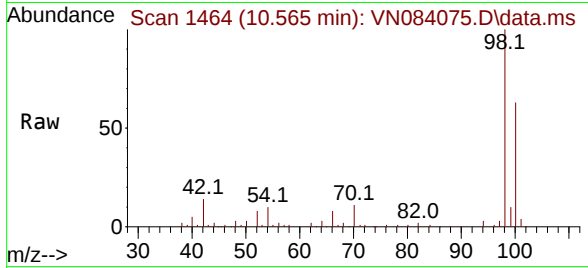
Tgt Ion: 95 Resp: 53820
Ion Ratio Lower Upper
95 100
174 72.1 60.5 90.7
176 67.2 57.8 86.6





#63
Toluene-d8
Concen: 29.572 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN084075.D
Acq: 20 Sep 2024 17:09

Instrument :
MSVOA_N
ClientSampleId :
PB163512ZHE#08



Tgt Ion: 98 Resp: 171070
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

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