

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080993.D
 Acq On : 09 Feb 2024 16:46
 Operator : JC\MD
 Sample : P1429-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(FEB)

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

Quant Time: Feb 10 02:04:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:52:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	70934	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	397509	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	345039	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	167168	31.363	ug/l	0.00
Spiked Amount	30.000	Range 91 - 110	Recovery	=	104.533%	
60) 4-Bromofluorobenzene	12.853	95	144593	27.412	ug/l	0.00
Spiked Amount	30.000	Range 63 - 112	Recovery	=	91.367%	
63) Toluene-d8	10.571	98	473847	30.602	ug/l	0.00
Spiked Amount	30.000	Range 91 - 112	Recovery	=	102.000%	
Target Compounds						
						Qvalue
15) Acetone	4.447	58	4952m	11.818	ug/l	
23) tert-Butyl Alcohol	5.524	59	127271	191.802	ug/l #	100
25) Chloroform	7.965	83	66667	7.674	ug/l	91
41) Bromodichloromethane	9.888	83	4690	0.734	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	4969	1.109	ug/l #	61

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

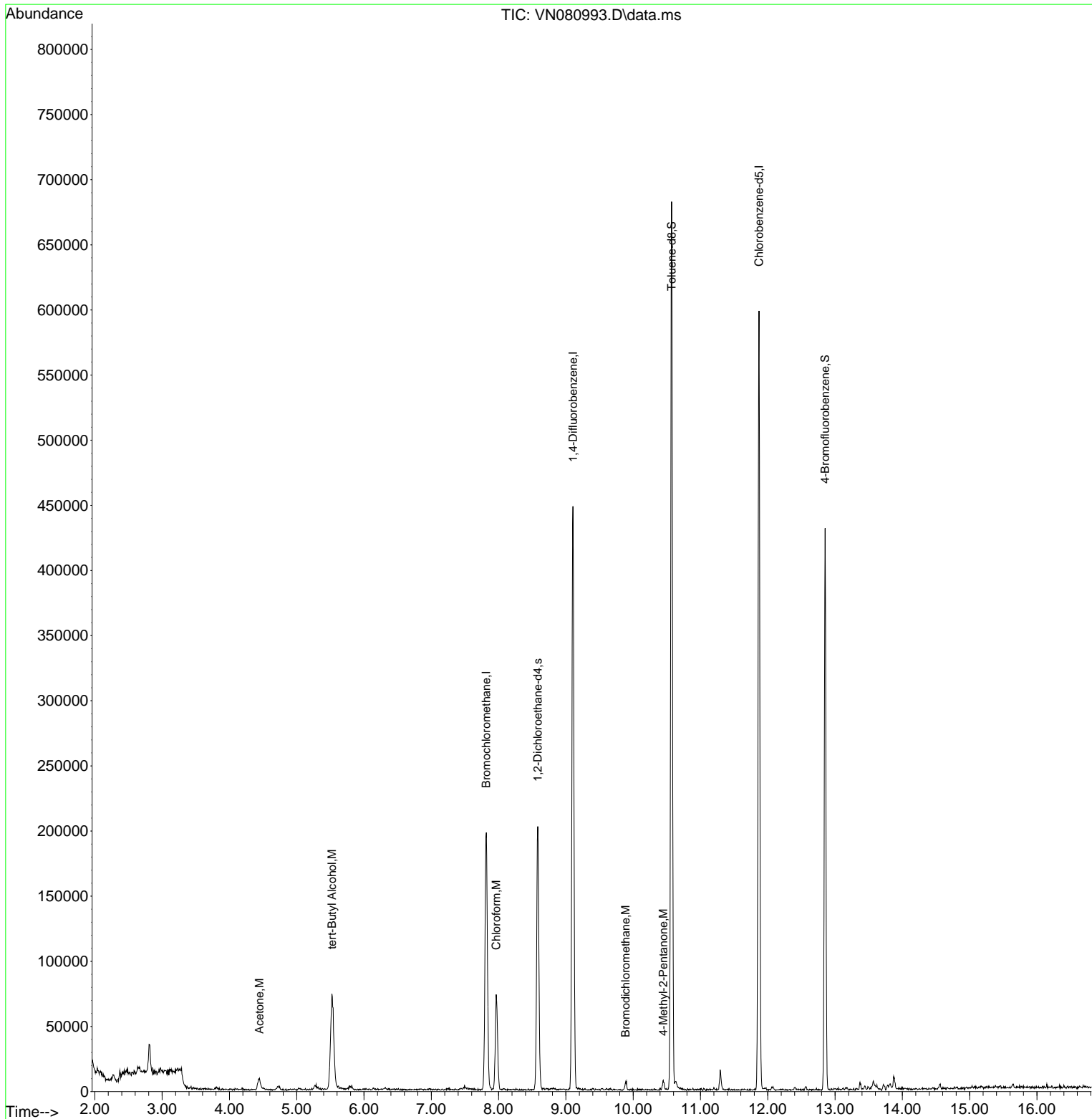
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080993.D
 Acq On : 09 Feb 2024 16:46
 Operator : JC\MD
 Sample : P1429-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

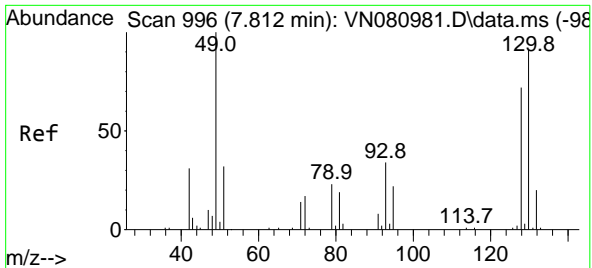
Instrument :
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ClientSampleId :
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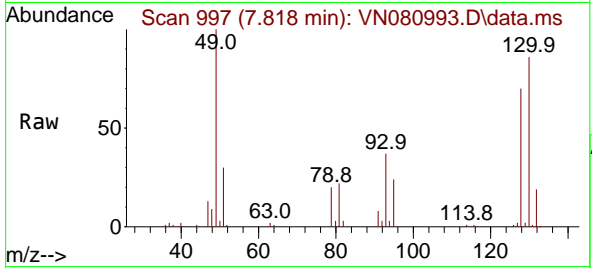
Quant Time: Feb 10 02:04:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:52:21 2024
 Response via : Initial Calibration





#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.818 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN080993.D
 Acq: 09 Feb 2024 16:46

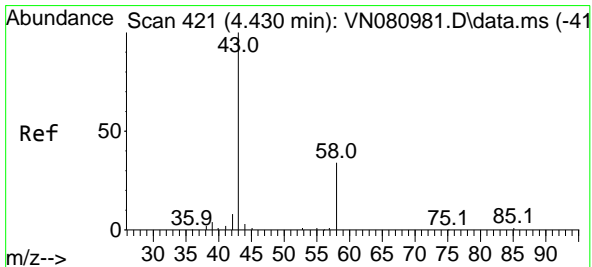
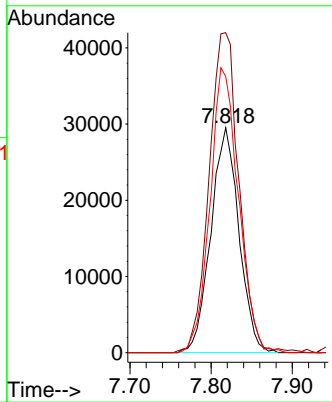
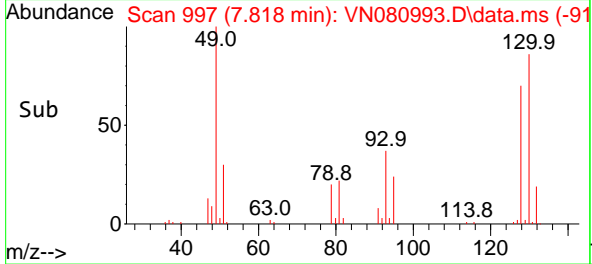
Instrument : MSVOA_N
 ClientSampleId : 002-35TH-AVE(FEB)



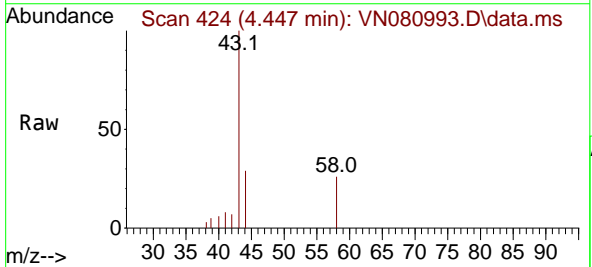
Tgt Ion:128 Resp: 70934
 Ion Ratio Lower Upper
 128 100
 49 146.8 0.0 403.7
 130 128.3 0.0 323.3

Manual Integrations
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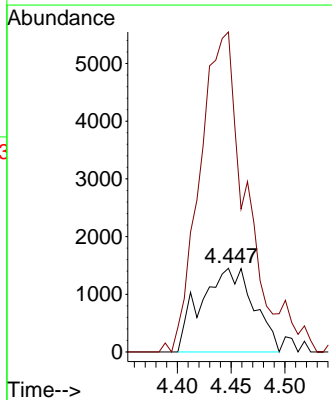
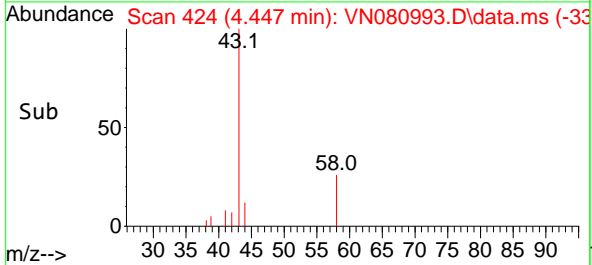
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

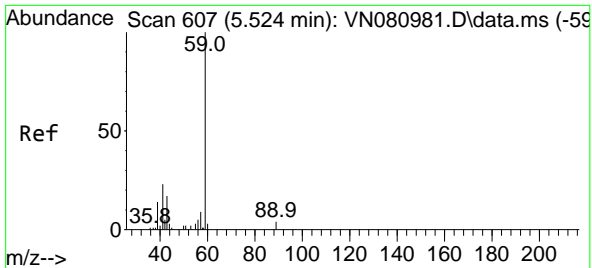


#15
 Acetone
 Concen: 11.818 ug/l m
 RT: 4.447 min Scan# 424
 Delta R.T. 0.018 min
 Lab File: VN080993.D
 Acq: 09 Feb 2024 16:46



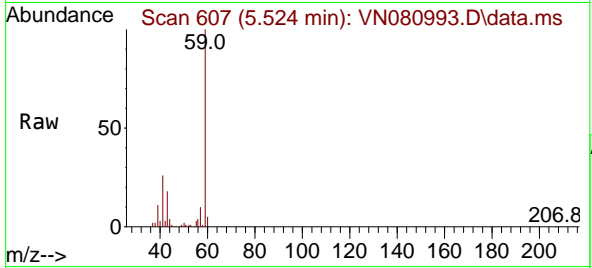
Tgt Ion: 58 Resp: 4952
 Ion Ratio Lower Upper
 58 100
 43 382.3 223.1 334.7#





#23
 tert-Butyl Alcohol
 Concen: 191.802 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. -0.000 min
 Lab File: VN080993.D
 Acq: 09 Feb 2024 16:46

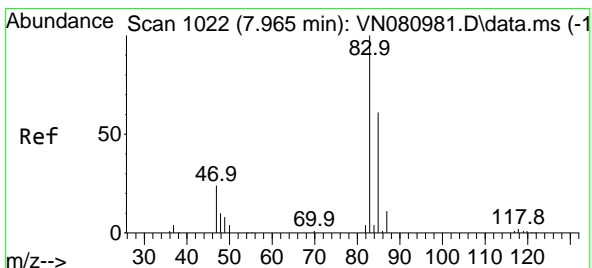
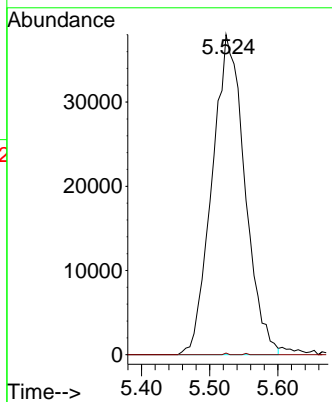
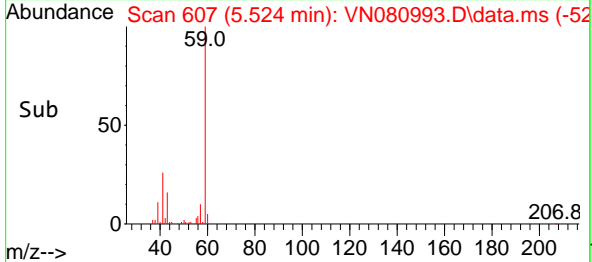
Instrument : MSVOA_N
 Client Sample Id : 002-35TH-AVE(FEB)



Tgt Ion: 59 Resp: 12727
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

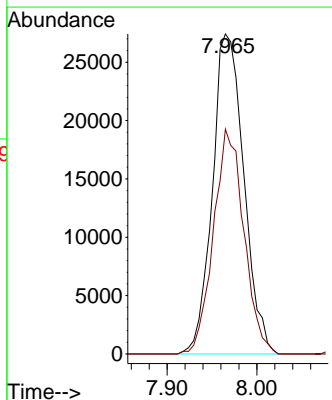
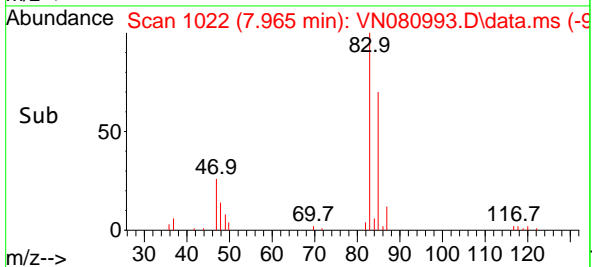
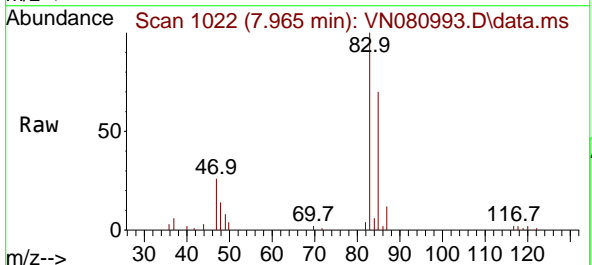
Manual Integrations
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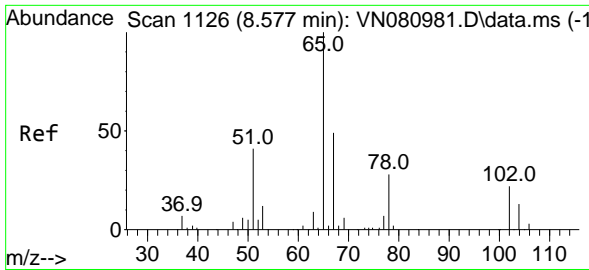
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024



#25
 Chloroform
 Concen: 7.674 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. -0.000 min
 Lab File: VN080993.D
 Acq: 09 Feb 2024 16:46

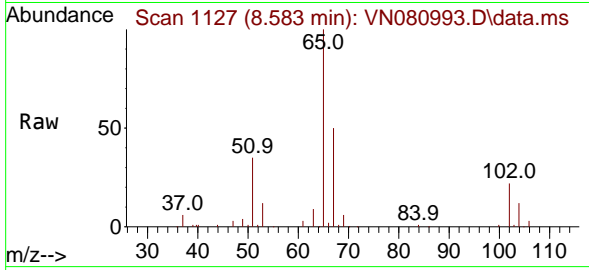
Tgt Ion: 83 Resp: 66667
 Ion Ratio Lower Upper
 83 100
 85 70.3 50.9 76.3





#27
 1,2-Dichloroethane-d4
 Concen: 31.363 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN080993.D
 Acq: 09 Feb 2024 16:46

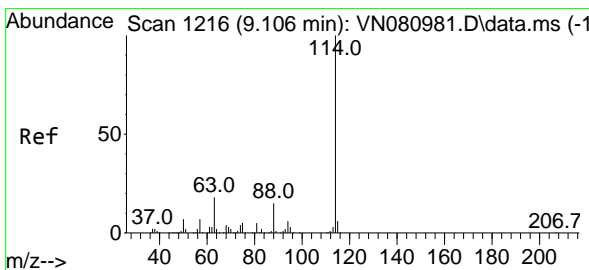
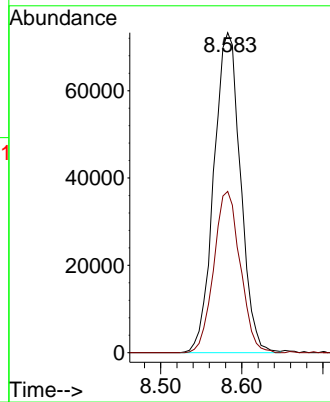
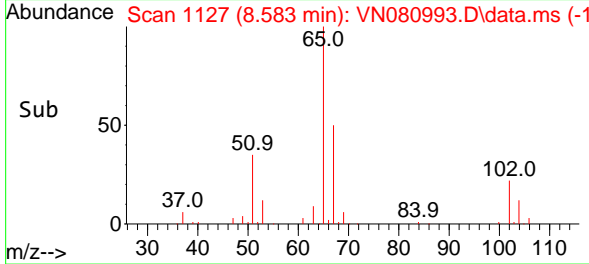
Instrument : MSVOA_N
 Client Sample Id : 002-35TH-AVE(FEB)



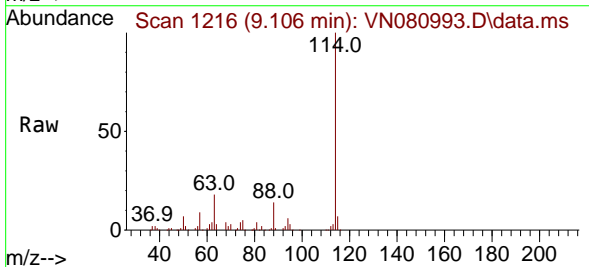
Tgt Ion: 65 Resp: 16716
 Ion Ratio Lower Upper
 65 100
 67 49.9 43.2 64.8

Manual Integrations
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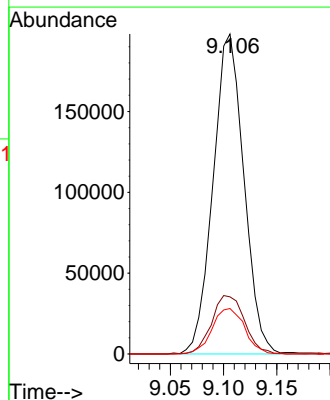
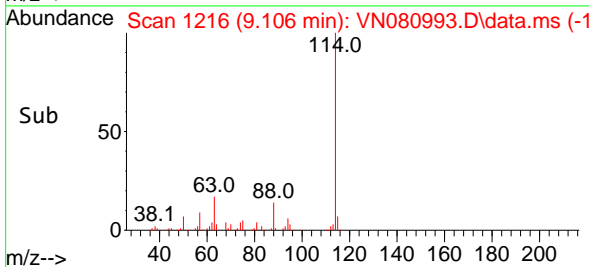
Reviewed By :John Carlone 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

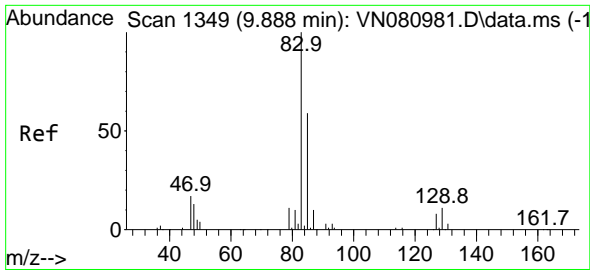


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN080993.D
 Acq: 09 Feb 2024 16:46



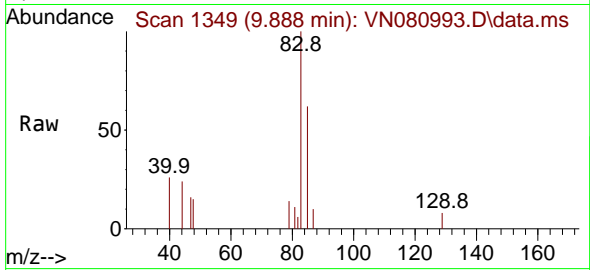
Tgt Ion:114 Resp: 397509
 Ion Ratio Lower Upper
 114 100
 63 19.6 15.9 23.9
 88 15.0 12.7 19.1





#41
 Bromodichloromethane
 Concen: 0.734 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. -0.000 min
 Lab File: VN080993.D
 Acq: 09 Feb 2024 16:46

Instrument : MSVOA_N
 Client Sample Id : 002-35TH-AVE(FEB)

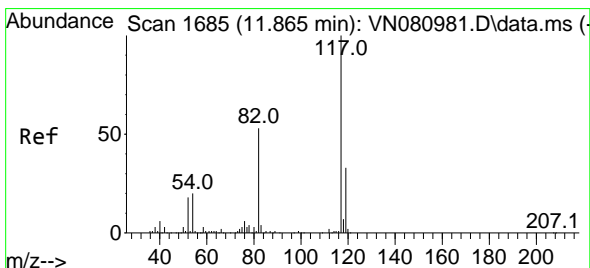
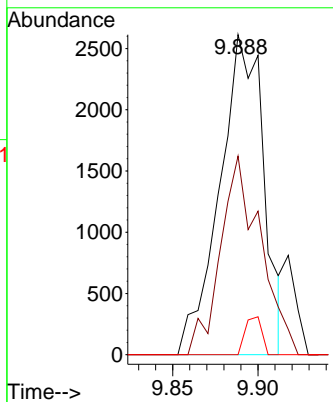
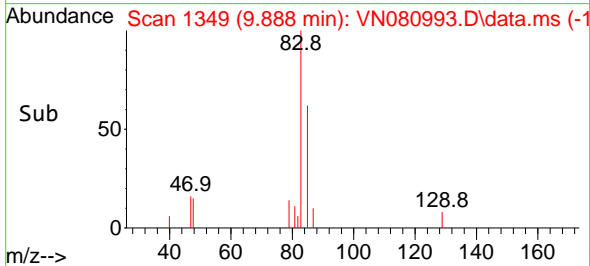


Tgt Ion: 83 Resp: 4690

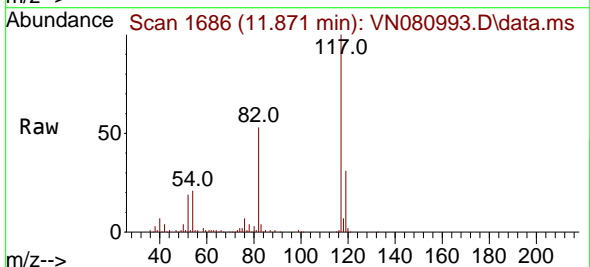
Ion	Ratio	Lower	Upper
83	100		
85	62.0	49.4	74.2
127	0.0	7.3	10.9

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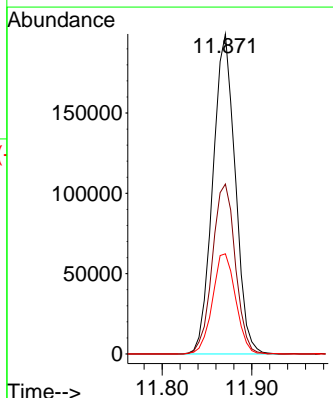
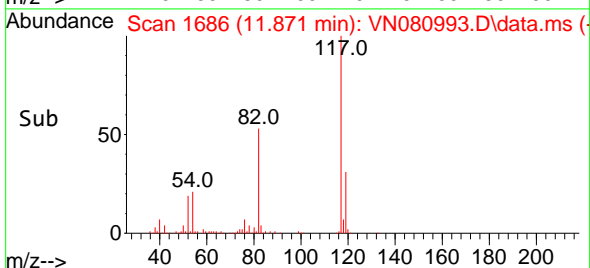


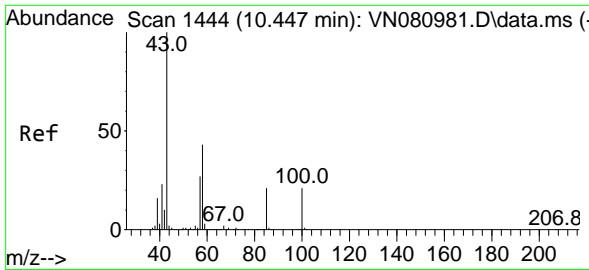
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN080993.D
 Acq: 09 Feb 2024 16:46



Tgt Ion: 117 Resp: 345039

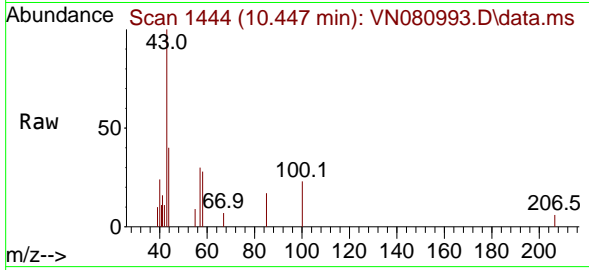
Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.6	69.8
119	32.4	25.4	38.2





#58
 4-Methyl-2-Pentanone
 Concen: 1.109 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. -0.000 min
 Lab File: VN080993.D
 Acq: 09 Feb 2024 16:46

Instrument : MSVOA_N
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 002-35TH-AVE(FEB)

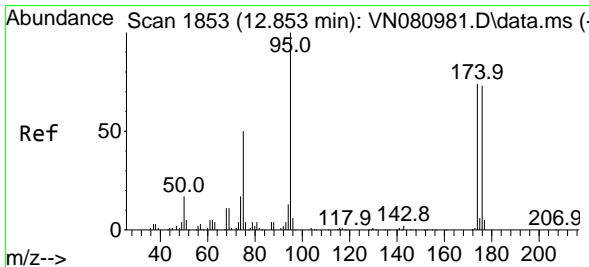
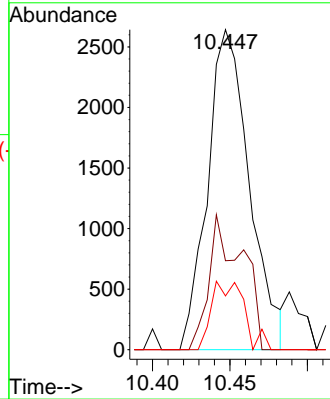
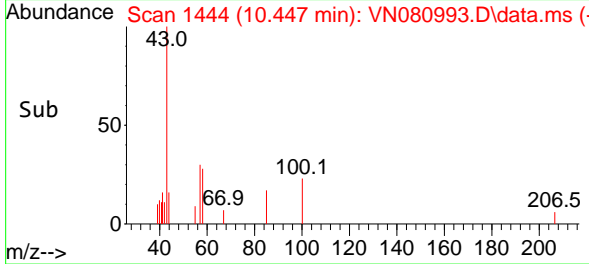


Tgt Ion: 43 Resp: 4969

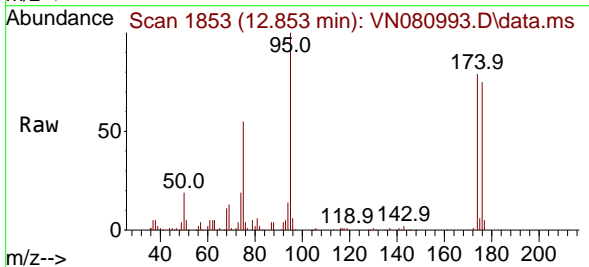
Ion	Ratio	Lower	Upper
43	100		
58	17.4	36.5	54.7
85	8.5	19.5	29.3

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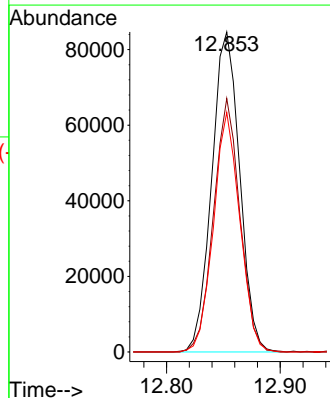
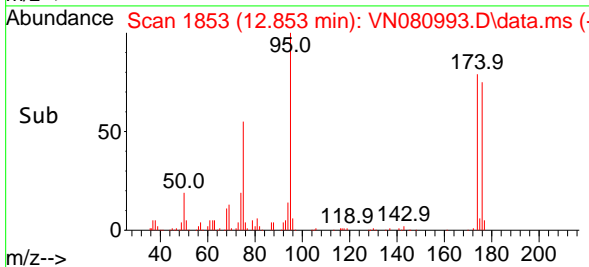


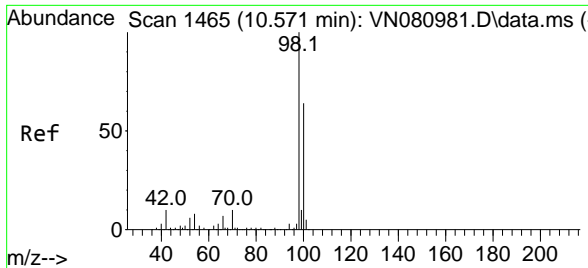
#60
 4-Bromofluorobenzene
 Concen: 27.412 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN080993.D
 Acq: 09 Feb 2024 16:46



Tgt Ion: 95 Resp: 144593

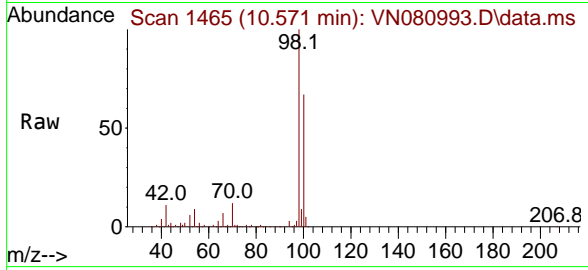
Ion	Ratio	Lower	Upper
95	100		
174	74.8	60.5	90.7
176	70.6	57.8	86.6





#63
 Toluene-d8
 Concen: 30.602 ug/l
 RT: 10.571 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VN080993.D
 Acq: 09 Feb 2024 16:46

Instrument : MSVOA_N
 ClientSampleId : 002-35TH-AVE(FEB)



Tgt Ion: 98 Resp: 47384
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.7 79.1

Manual Integrations
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