

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085499.D
 Acq On : 17 Jan 2025 17:12
 Operator : JC\MD
 Sample : Q1119-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FILTER CAKE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

Quant Time: Jan 17 22:39:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	185520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	154446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163423	54.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.140%			
35) Dibromofluoromethane	8.165	113	119578	49.180	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.360%			
50) Toluene-d8	10.565	98	447904	51.848	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.847	95	154034	52.124	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.240%			
Target Compounds						
16) Acetone	4.424	43	63006	65.115	ug/l	97
18) Methyl Acetate	5.012	43	3621m	1.231	ug/l	
25) 2-Butanone	7.482	43	56880	39.946	ug/l	97
30) Chloroform	7.965	83	14360	3.178	ug/l	98
43) Isopropyl Acetate	8.688	43	155256	28.131	ug/l #	77
80) 1,3,5-Trimethylbenzene	13.170	105	10813	1.256	ug/l	93
84) 1,2,4-Trimethylbenzene	13.476	105	41742	4.864	ug/l	99

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

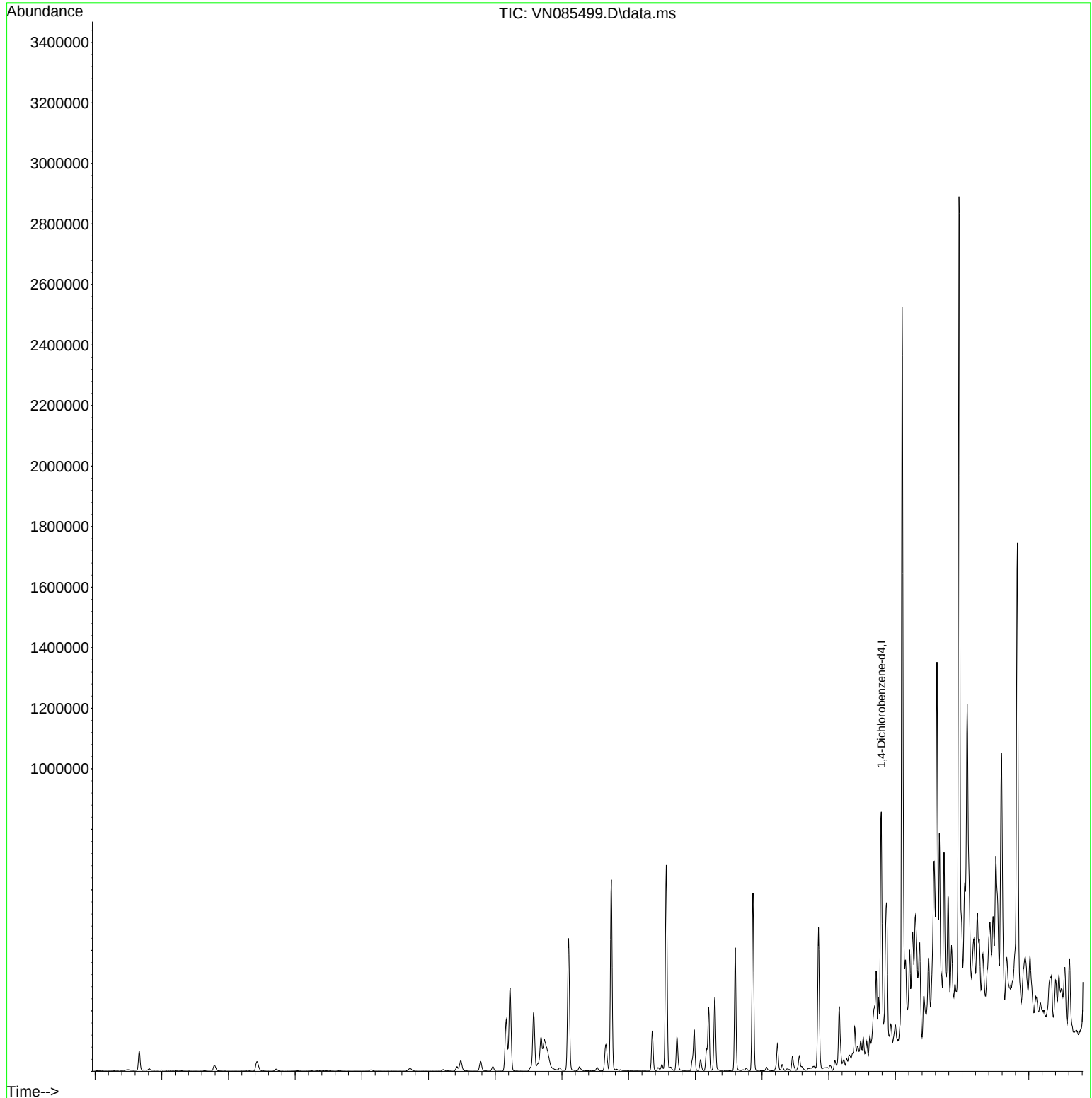
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
Data File : VN085499.D
Acq On : 17 Jan 2025 17:12
Operator : JC\MD
Sample : Q1119-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

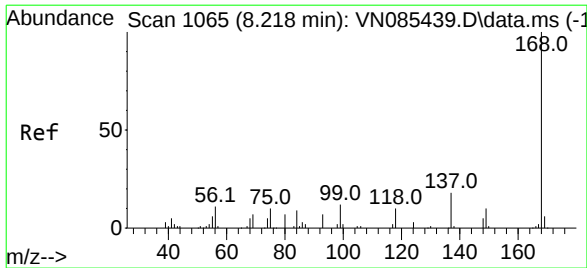
Instrument :
MSVOA_N
ClientSampleId :
FILTER CAKE

Manual Integrations
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Supervised By :Semsettin Yesilyurt 01/21/2025

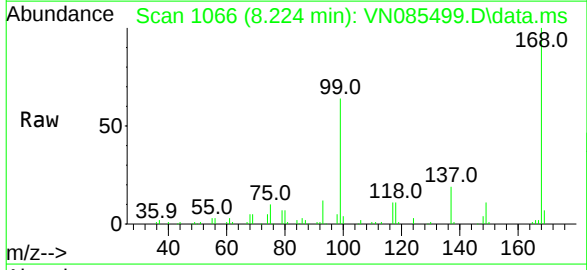
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:12

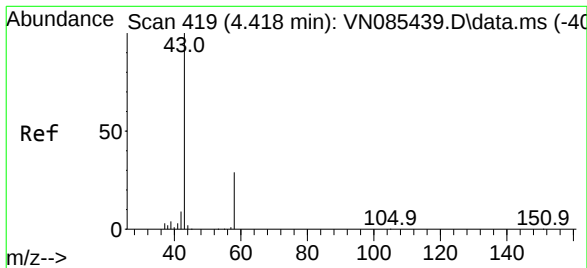
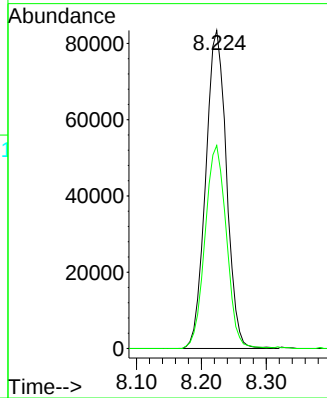
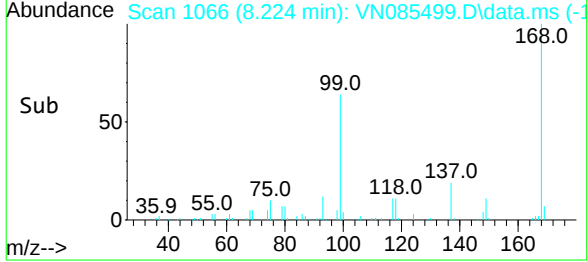
Instrument :
MSVOA_N
ClientSampleId :
FILTER CAKE



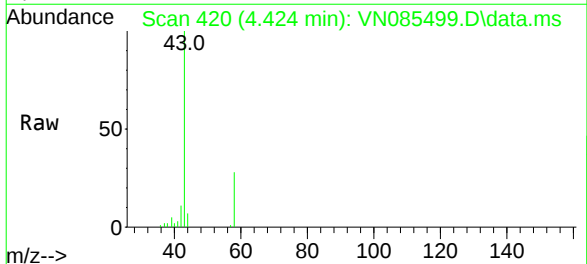
Tgt Ion:168 Resp: 185520
Ion Ratio Lower Upper
168 100
99 63.8 53.6 80.4

Manual Integrations
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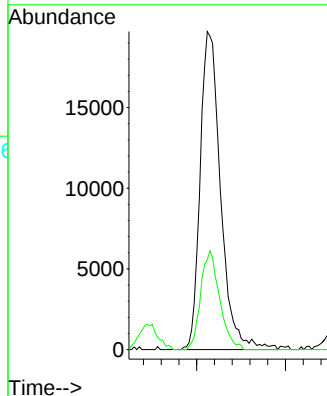
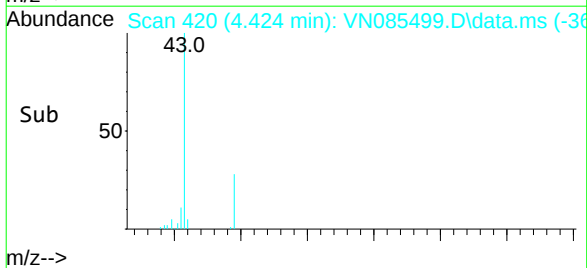
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

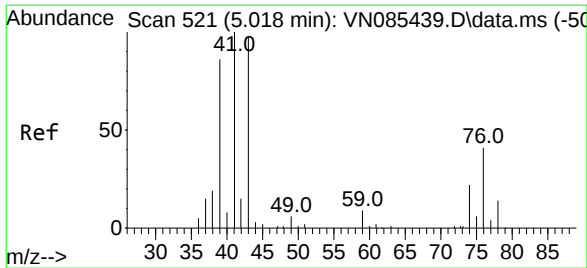


#16
Acetone
Concen: 65.115 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:12



Tgt Ion: 43 Resp: 63006
Ion Ratio Lower Upper
43 100
58 28.3 23.8 35.6





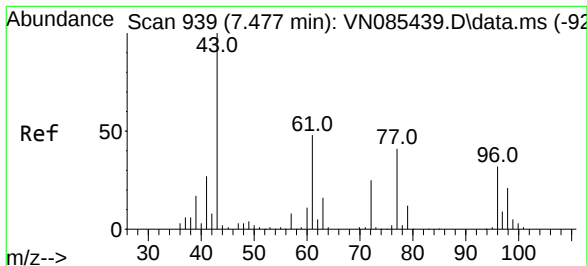
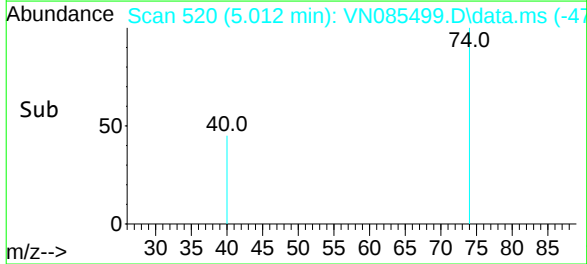
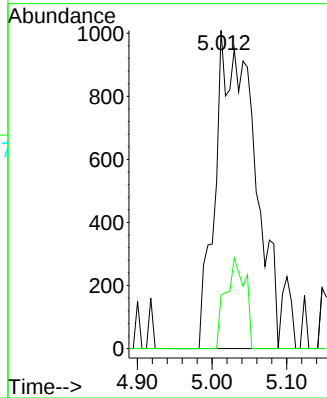
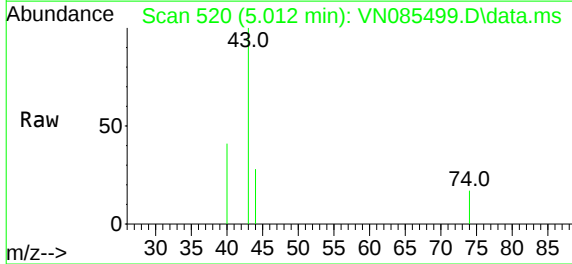
#18
Methyl Acetate
Concen: 1.231 ug/l m
RT: 5.012 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
FILTER CAKE

Tgt Ion: 43 Resp: 3621
Ion Ratio Lower Upper
43 100
74 14.5 18.6 28.0#

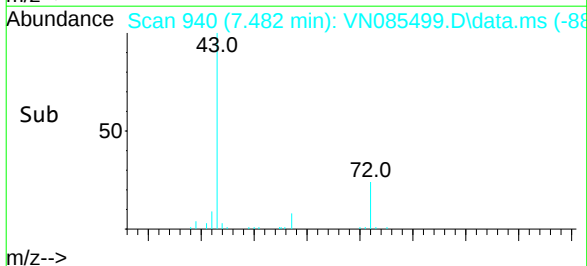
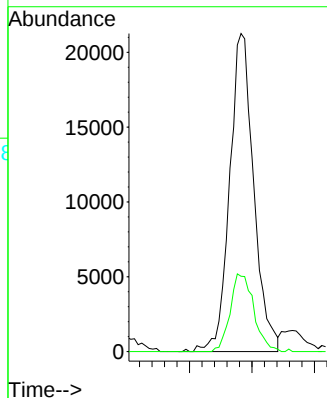
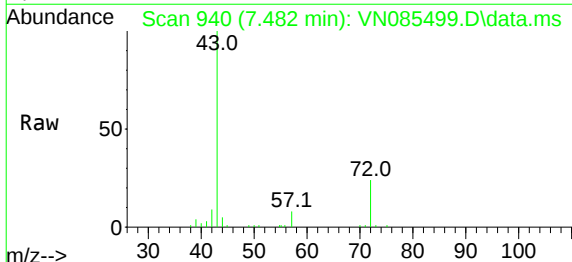
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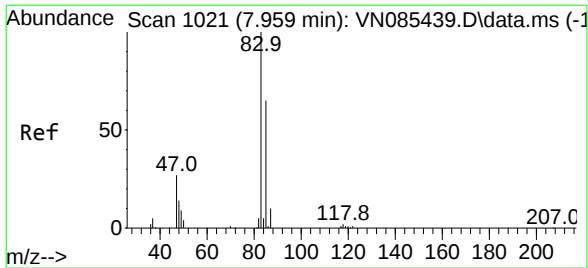
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#25
2-Butanone
Concen: 39.946 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:12

Tgt Ion: 43 Resp: 56880
Ion Ratio Lower Upper
43 100
72 23.7 20.2 30.4





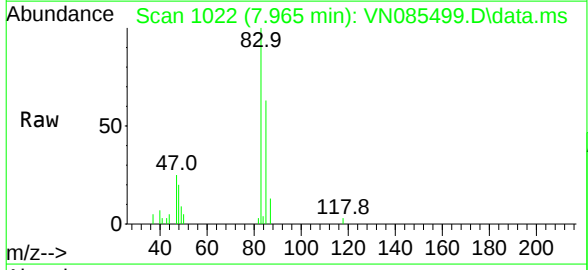
#30
 Chloroform
 Concen: 3.178 ug/l
 RT: 7.965 min Scan# 1021
 Delta R.T. 0.006 min
 Lab File: VN085499.D
 Acq: 17 Jan 2025 17:12

Instrument :

MSVOA_N

ClientSampleId :

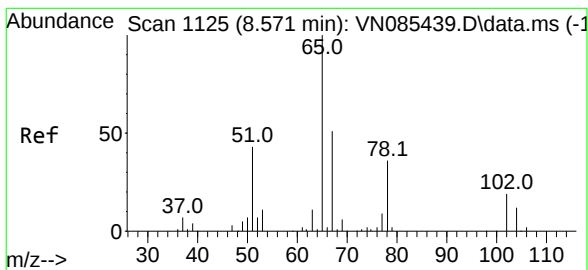
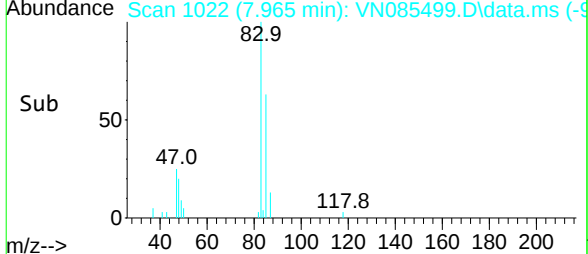
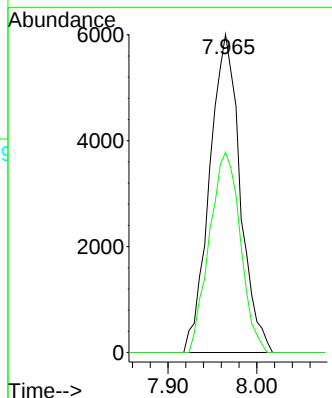
FILTER CAKE



Tgt Ion: 83 Resp: 14360
 Ion Ratio Lower Upper
 83 100
 85 63.0 51.8 77.6

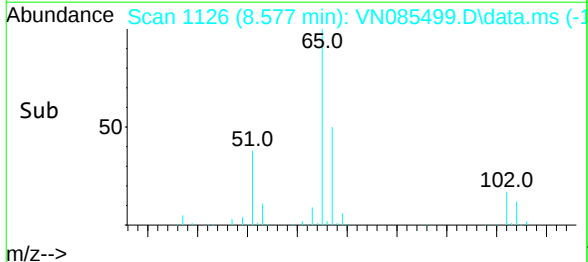
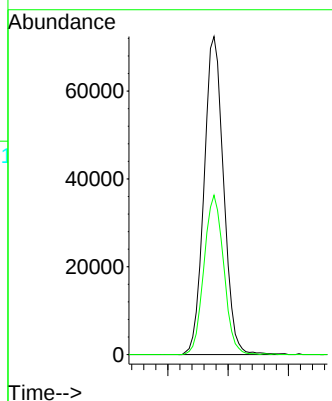
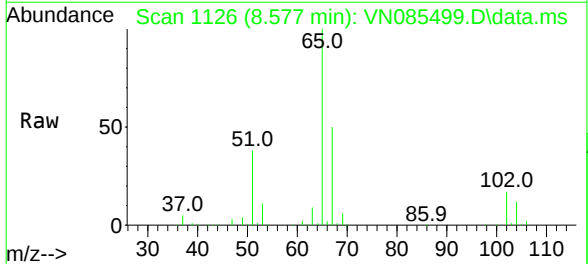
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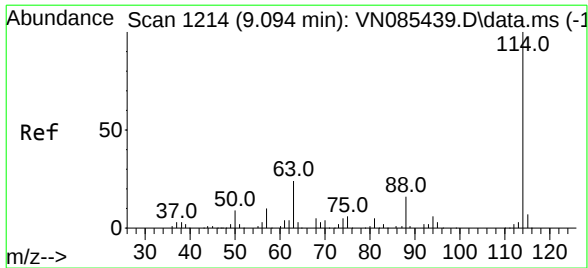
Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025



#33
 1,2-Dichloroethane-d4
 Concen: 54.571 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN085499.D
 Acq: 17 Jan 2025 17:12

Tgt Ion: 65 Resp: 163423
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6





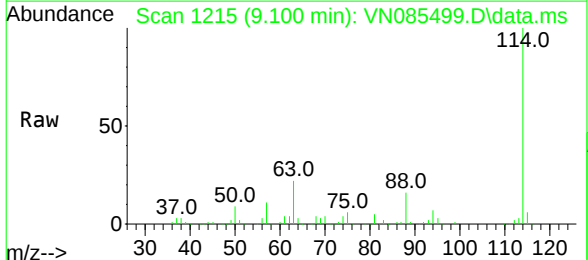
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085499.D
 Acq: 17 Jan 2025 17:12

Instrument :

MSVOA_N

ClientSampleId :

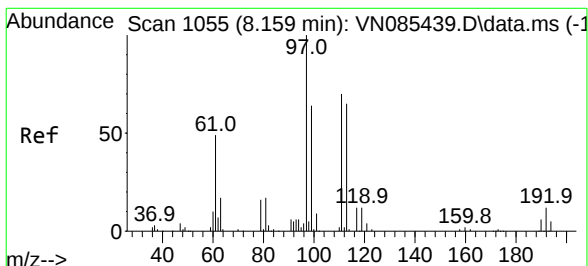
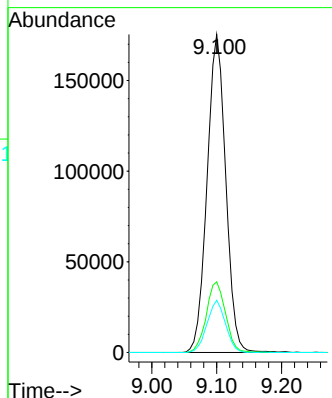
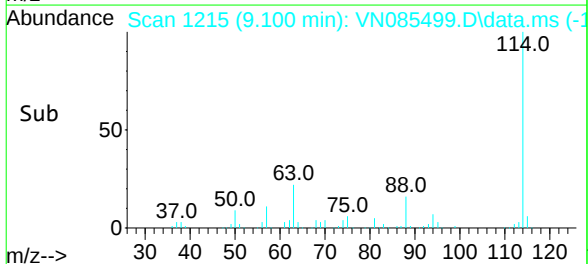
FILTER CAKE



Tgt Ion:	114	Resp:	350475
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	47.6
88	16.4	0.0	32.6

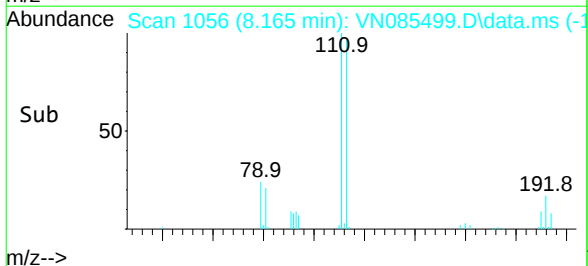
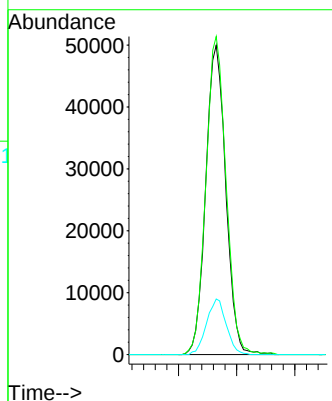
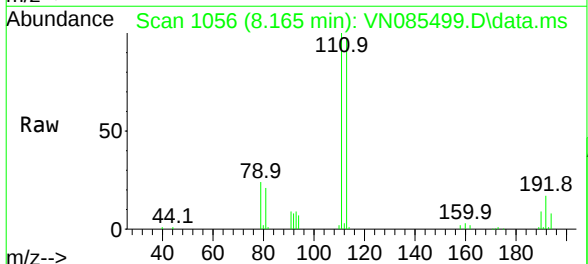
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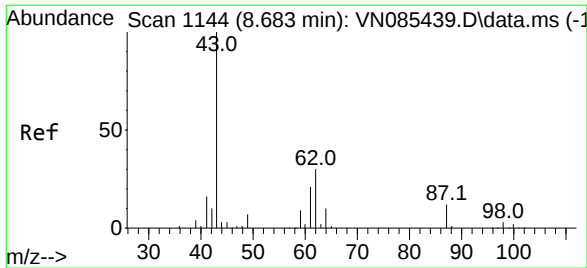
Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025



#35
 Dibromofluoromethane
 Concen: 49.180 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085499.D
 Acq: 17 Jan 2025 17:12

Tgt Ion:	113	Resp:	119578
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.7	124.1
192	17.7	14.3	21.5





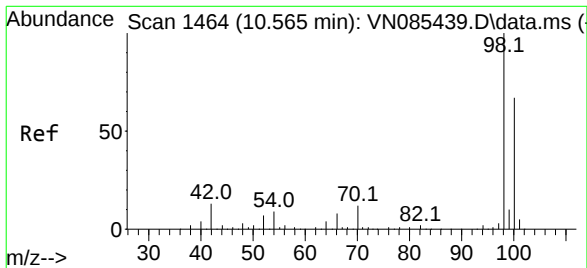
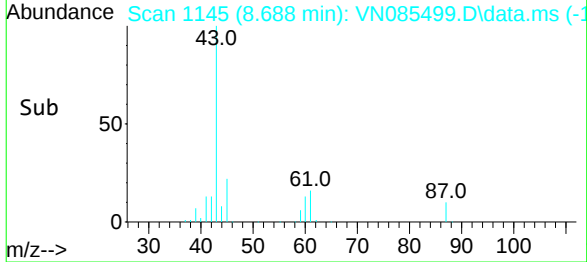
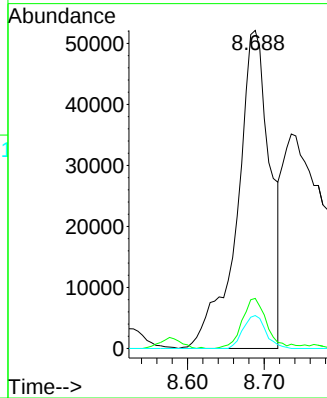
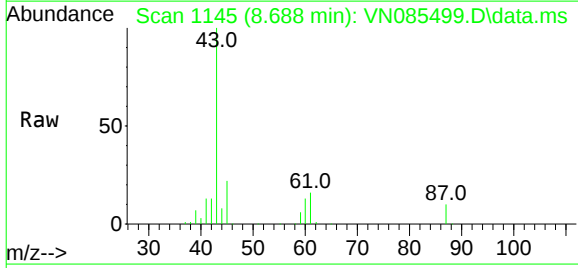
#43
Isopropyl Acetate
Concen: 28.131 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:12

Instrument : MSVOA_N
ClientSampleId : FILTER CAKE

Tgt Ion: 43 Resp: 155256
Ion Ratio Lower Upper
43 100
61 12.0 20.7 31.1#
87 7.1 9.8 14.8#

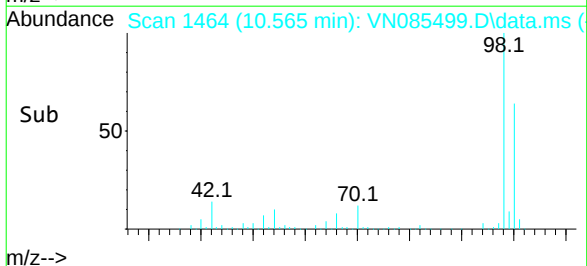
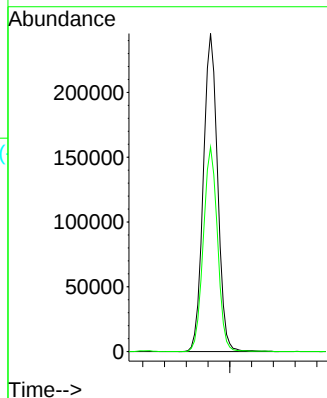
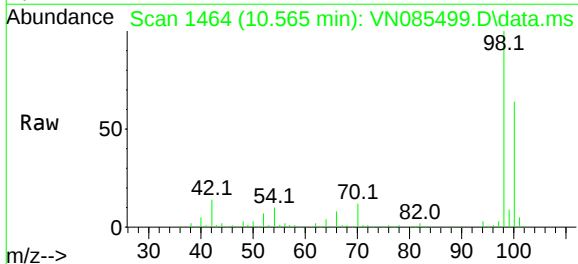
Manual Integrations
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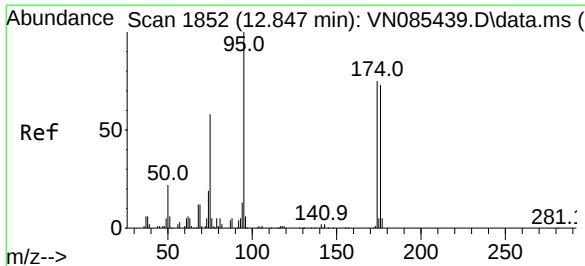
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#50
Toluene-d8
Concen: 51.848 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:12

Tgt Ion: 98 Resp: 447904
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4





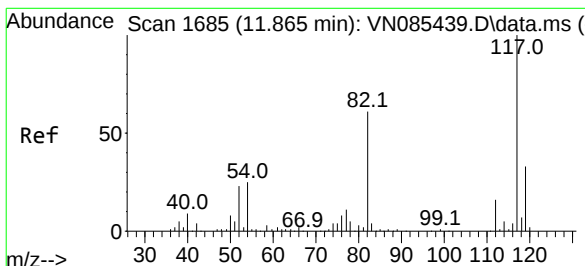
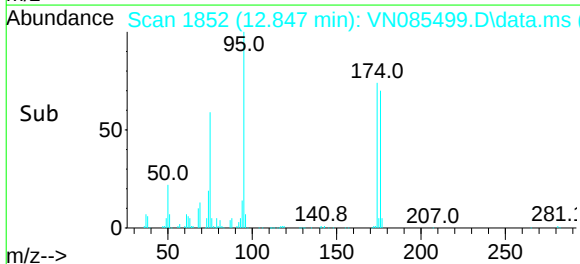
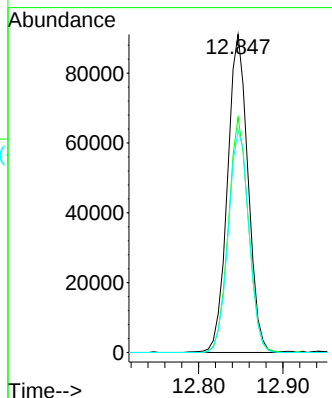
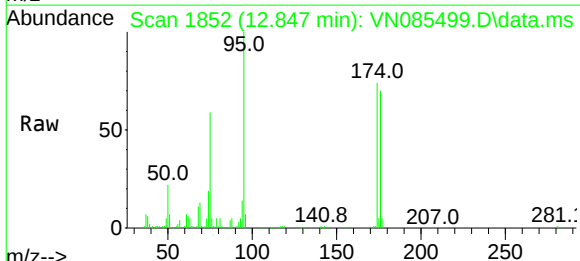
#62
4-Bromofluorobenzene
Concen: 52.124 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
FILTER CAKE

Tgt Ion: 95 Resp: 154034
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.0
176 70.2 0.0 142.4

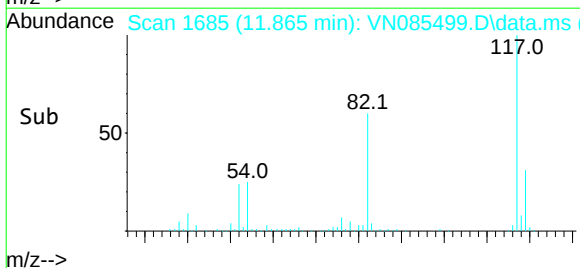
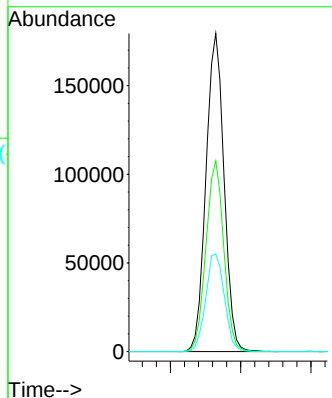
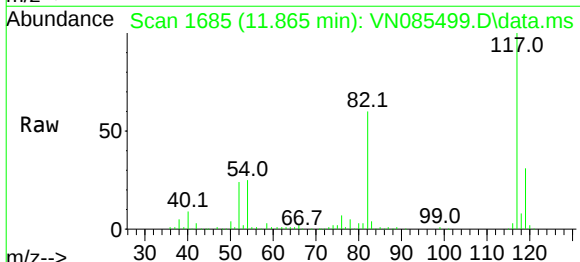
Manual Integrations
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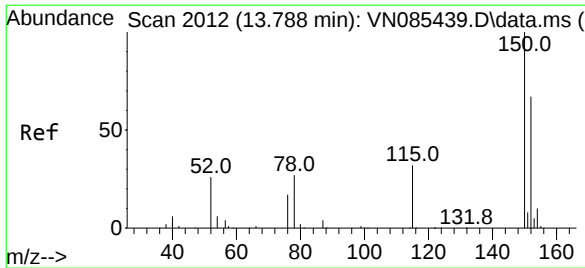
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:12

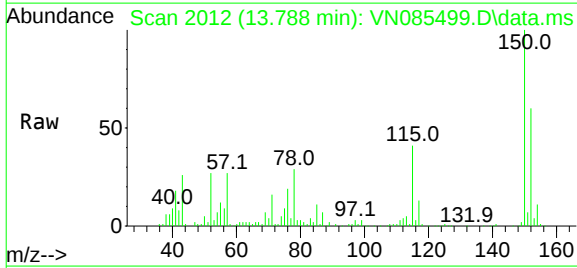
Tgt Ion:117 Resp: 319145
Ion Ratio Lower Upper
117 100
82 60.0 48.6 72.8
119 30.7 26.6 39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:12

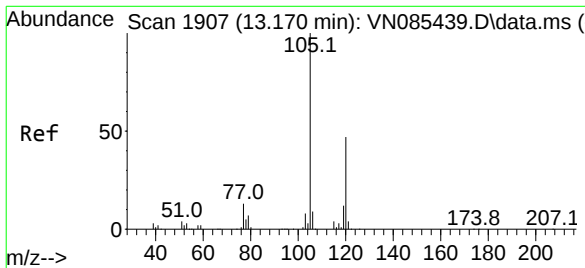
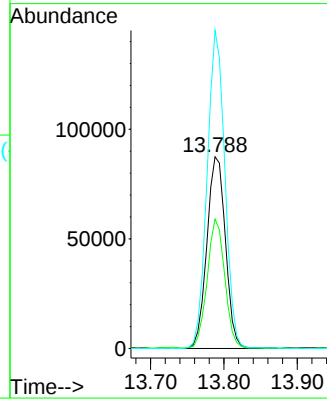
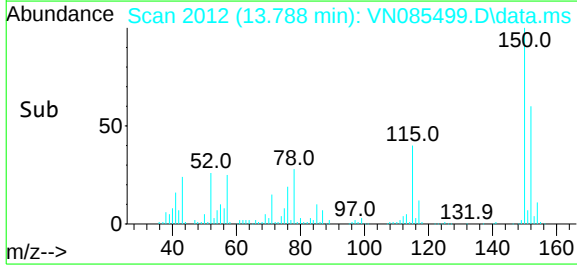
Instrument :
MSVOA_N
ClientSampleId :
FILTER CAKE



Tgt Ion:152 Resp: 154446
Ion Ratio Lower Upper
152 100
115 64.0 31.1 93.3
150 157.2 0.0 343.6

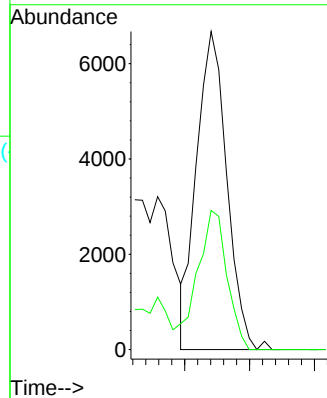
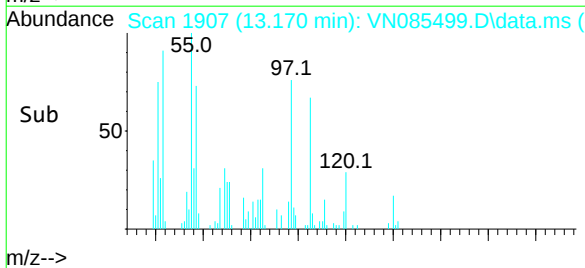
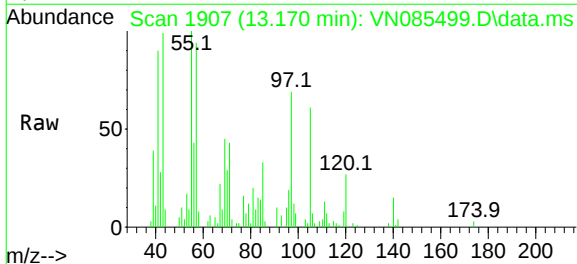
Manual Integrations
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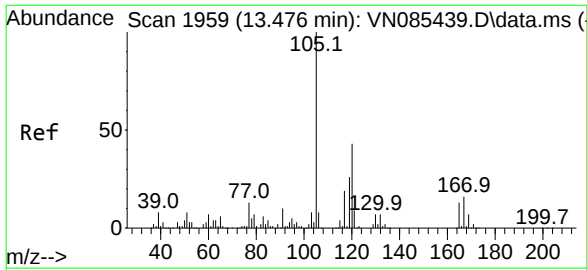
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 1.256 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:12

Tgt Ion:105 Resp: 10813
Ion Ratio Lower Upper
105 100
120 43.3 23.9 71.7





#84
1,2,4-Trimethylbenzene
Concen: 4.864 ug/l
RT: 13.476 min Scan# 19
Delta R.T. -0.000 min
Lab File: VN085499.D
Acq: 17 Jan 2025 17:12

Instrument :
MSVOA_N
ClientSampleId :
FILTER CAKE

Tgt Ion:105 Resp: 41742
Ion Ratio Lower Upper
105 100
120 42.7 21.6 65.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

