

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085462.D
 Acq On : 15 Jan 2025 15:24
 Operator : JC\MD
 Sample : Q1076-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ARS20-0006

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:00:08 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	180925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	341109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158732	54.351	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.700%			
35) Dibromofluoromethane	8.165	113	117353	49.590	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.180%			
50) Toluene-d8	10.565	98	435648	51.814	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.847	95	136589	47.490	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.980%			
Target Compounds						
16) Acetone	4.424	43	106812	113.191	ug/l	99
20) Methylene Chloride	5.277	84	4655	1.993	ug/l	95
25) 2-Butanone	7.483	43	10567	7.610	ug/l	99
43) Isopropyl Acetate	8.683	43	188319	35.058	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	15866m	5.090	ug/l	

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

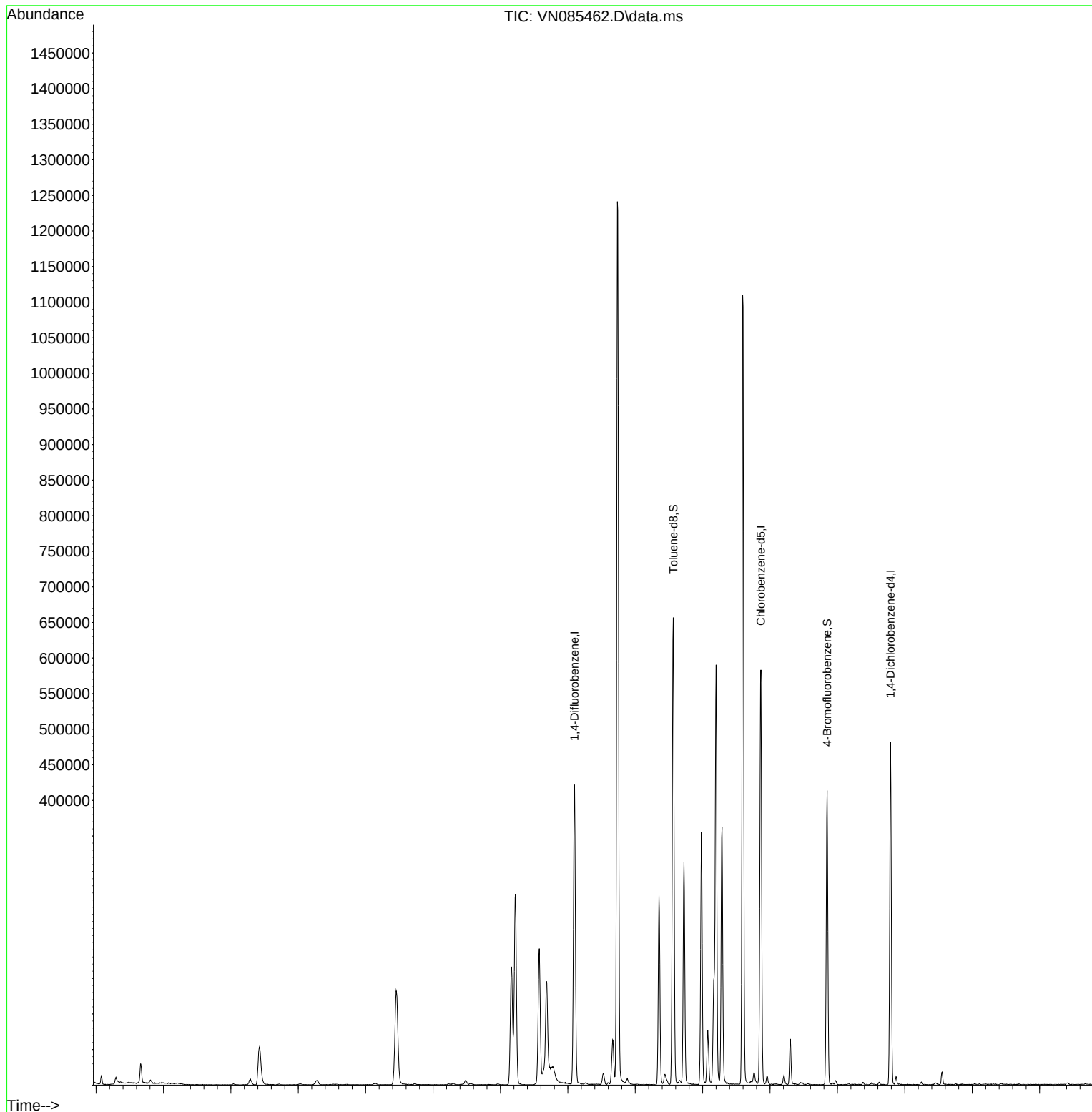
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
Data File : VN085462.D
Acq On : 15 Jan 2025 15:24
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
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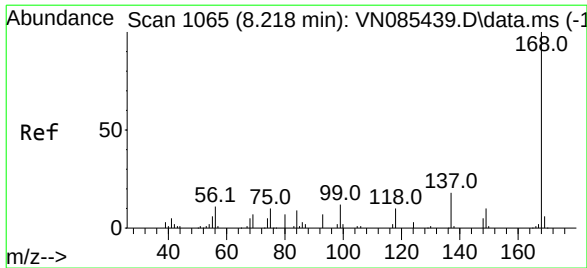
Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

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Supervised By :Semsettin Yesilyurt 01/16/2025

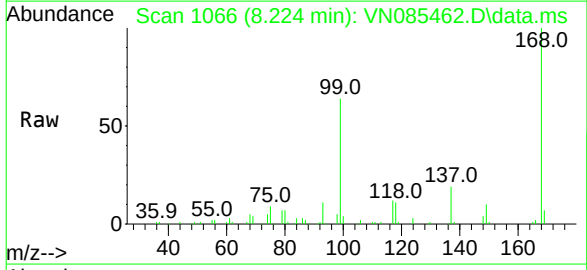
Quant Time: Jan 16 01:00:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

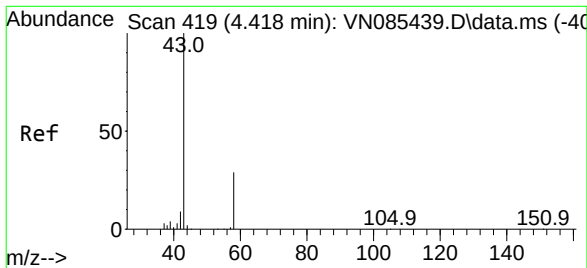
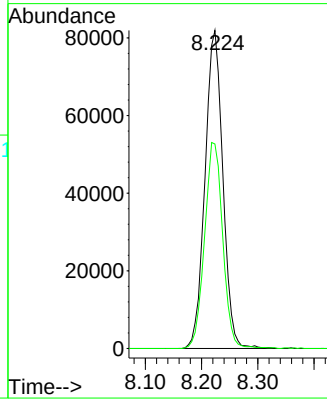
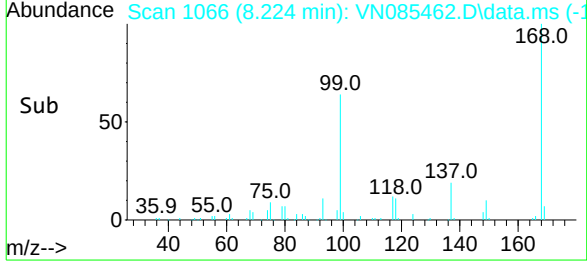
Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006



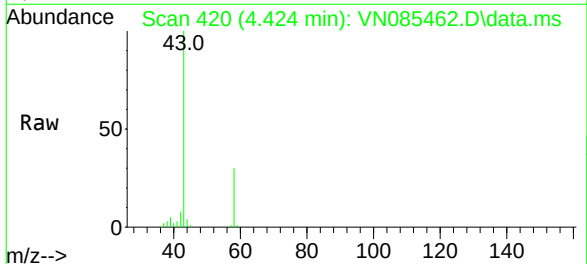
Tgt Ion:168 Resp: 180925
Ion Ratio Lower Upper
168 100
99 64.3 53.6 80.4

Manual Integrations
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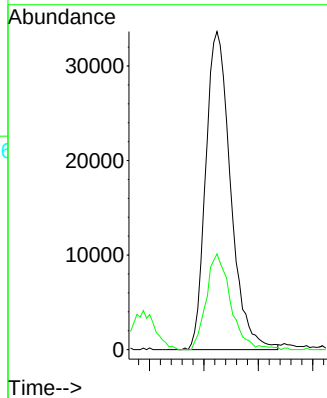
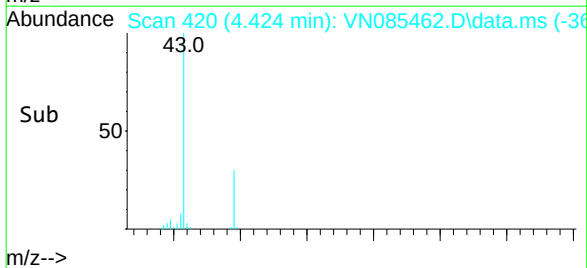
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

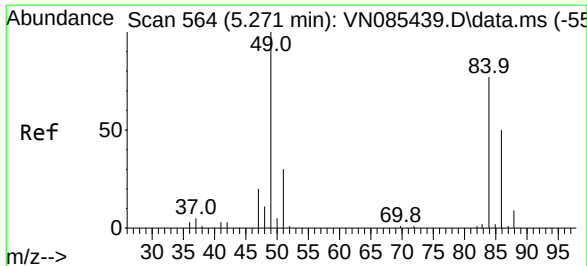


#16
Acetone
Concen: 113.191 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24



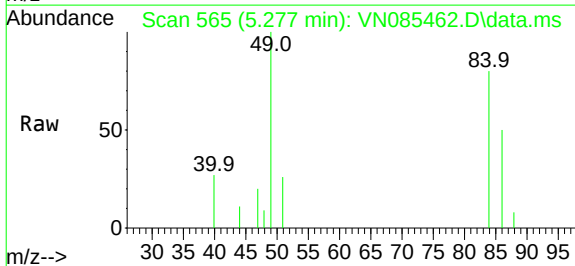
Tgt Ion: 43 Resp: 106812
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6





#20
Methylene Chloride
Concen: 1.993 ug/l
RT: 5.277 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

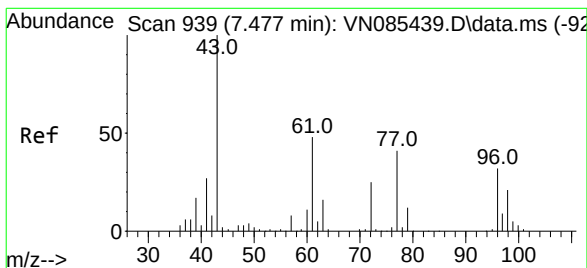
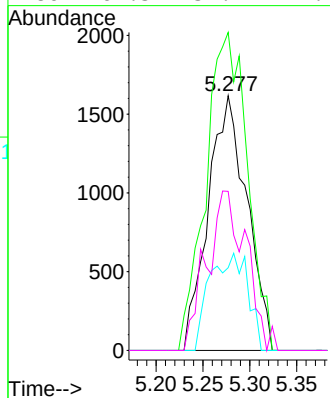
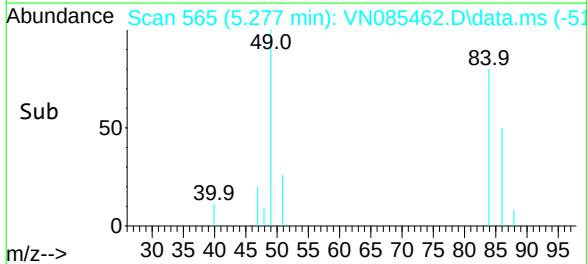
Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006



Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.9	104.1	156.1
51	32.5	31.0	46.4
86	62.5	51.9	77.9

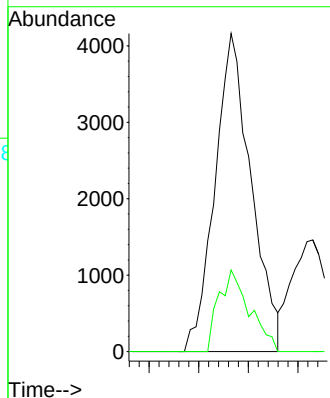
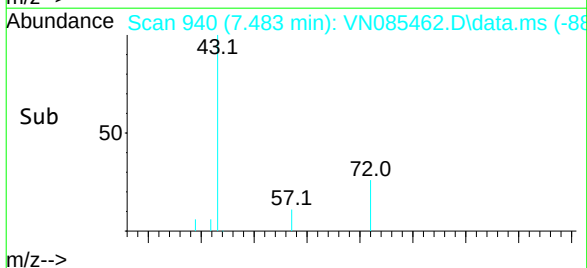
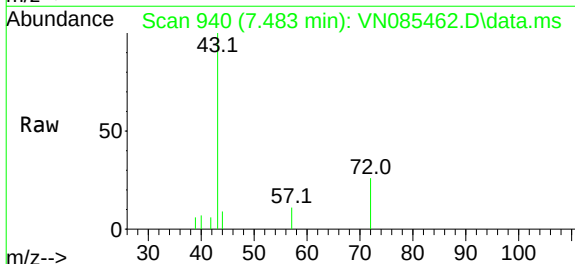
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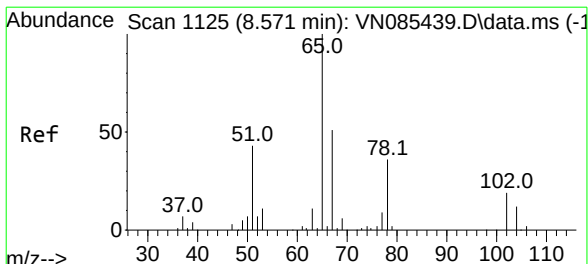
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#25
2-Butanone
Concen: 7.610 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.6	20.2	30.4





#33
1,2-Dichloroethane-d4
Concen: 54.351 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :

MSVOA_N

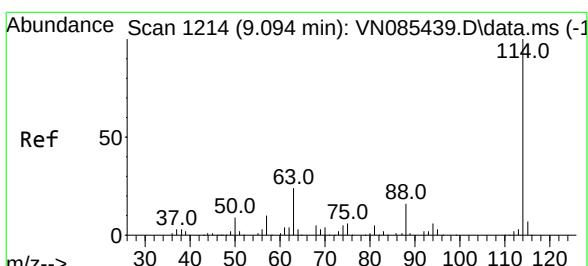
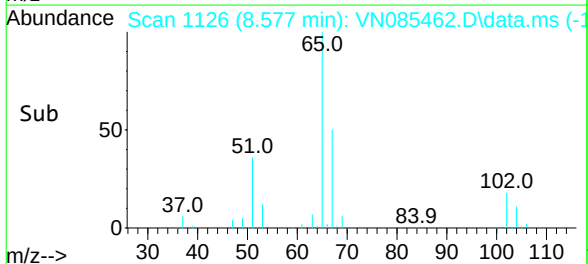
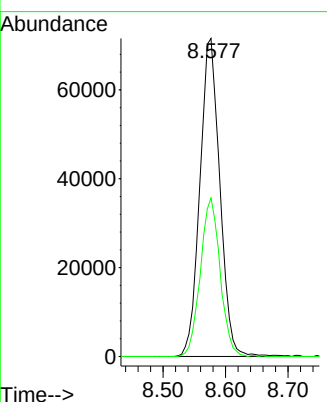
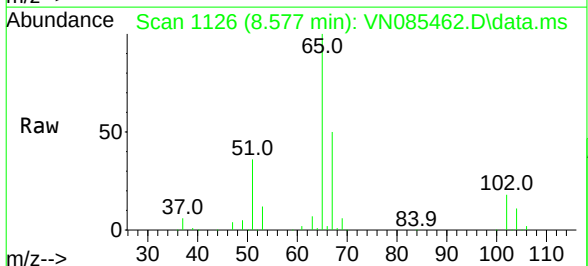
ClientSampleId :

ARS20-0006

Tgt Ion: 65 Resp: 158732
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.6

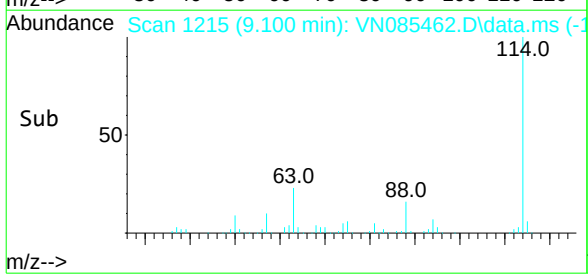
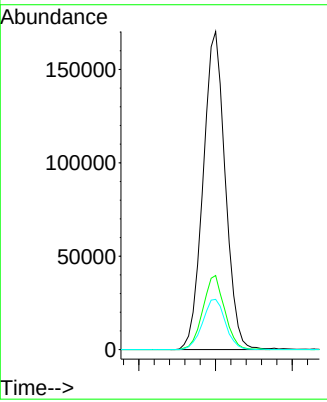
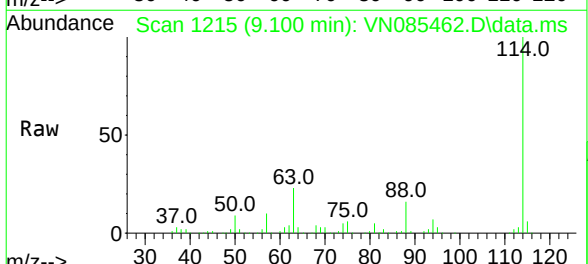
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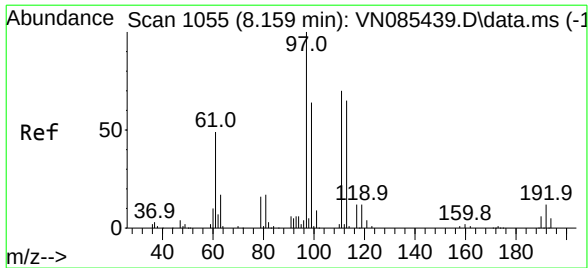
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Tgt Ion:114 Resp: 341109
Ion Ratio Lower Upper
114 100
63 23.3 0.0 47.6
88 15.8 0.0 32.6





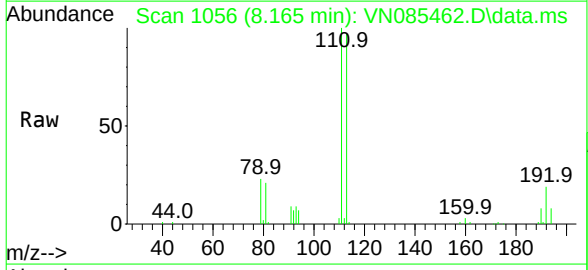
#35
 Dibromofluoromethane
 Concen: 49.590 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085462.D
 Acq: 15 Jan 2025 15:24

Instrument :

MSVOA_N

ClientSampleId :

ARS20-0006

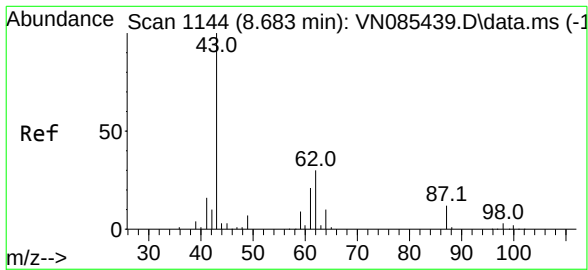
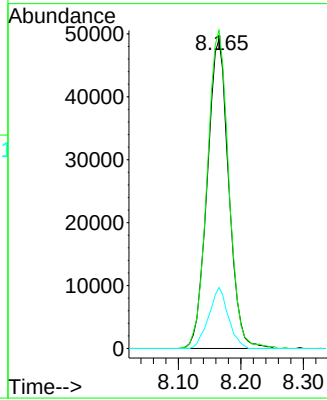
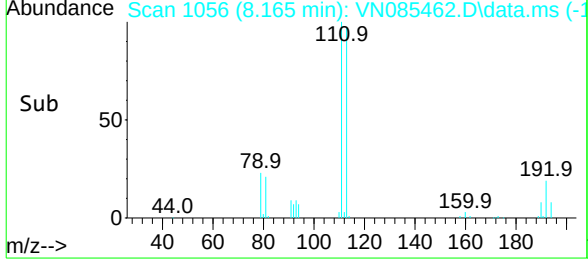


Tgt Ion:	113	Resp:	117353
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	18.0	14.3	21.5

Manual Integrations

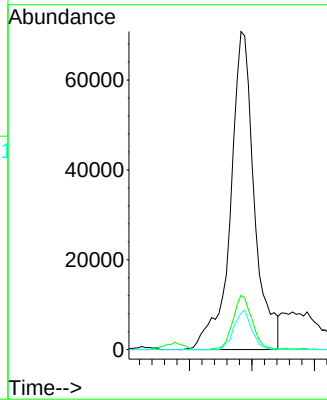
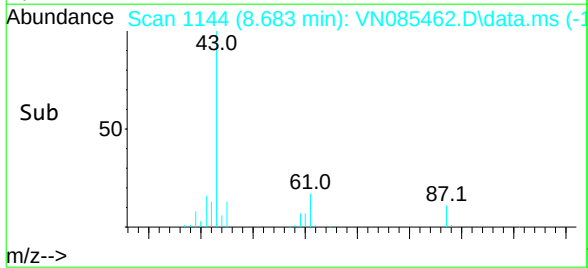
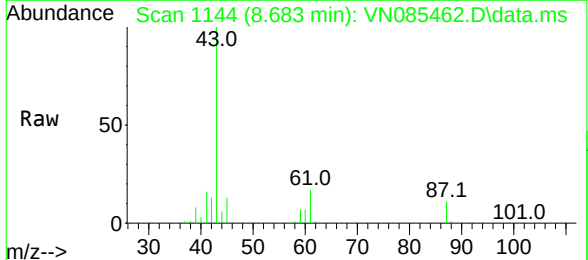
APPROVED

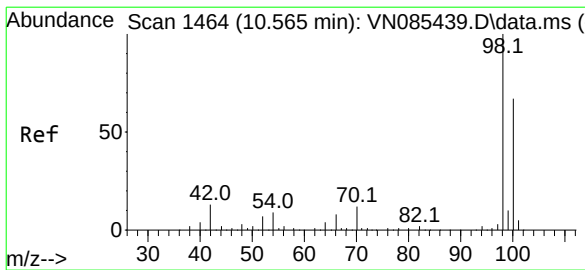
Reviewed By :Mahesh Dadoda 01/16/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#43
 Isopropyl Acetate
 Concen: 35.058 ug/l
 RT: 8.683 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VN085462.D
 Acq: 15 Jan 2025 15:24

Tgt Ion:	43	Resp:	188319
Ion	Ratio	Lower	Upper
43	100		
61	13.7	20.7	31.1#
87	9.1	9.8	14.8#





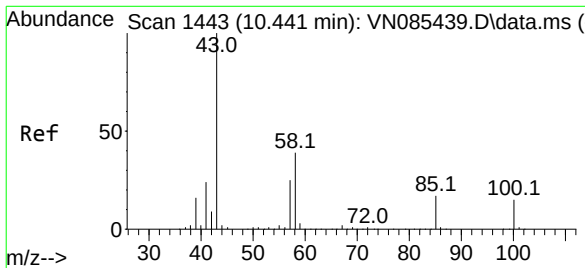
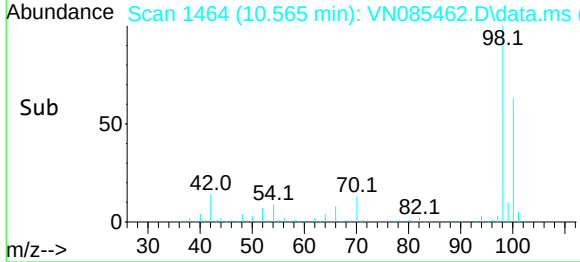
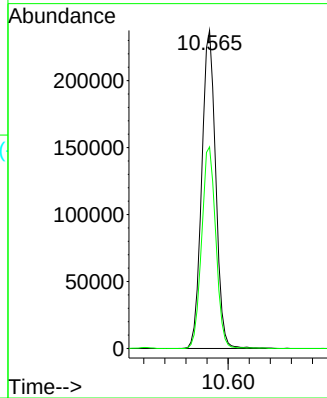
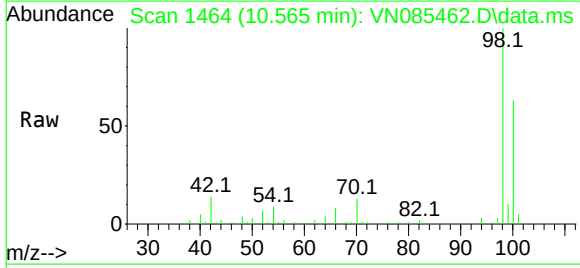
#50
Toluene-d8
Concen: 51.814 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006

Tgt Ion: 98 Resp: 435648
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4

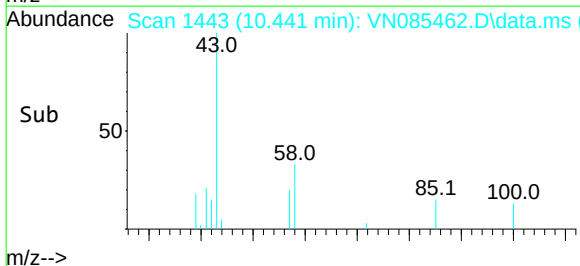
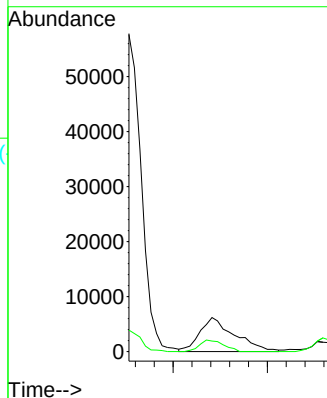
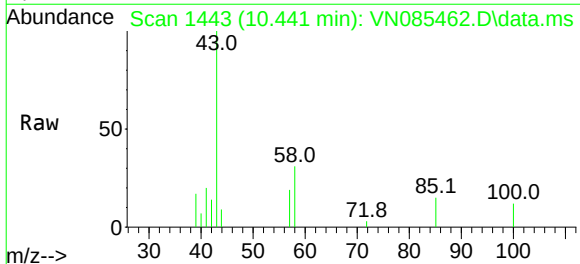
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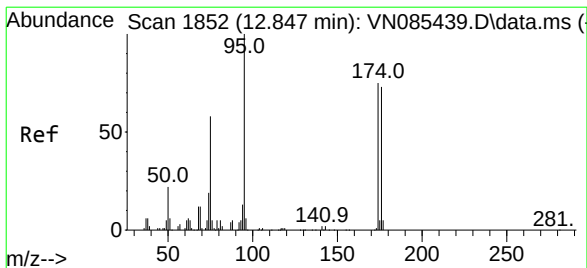
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#51
4-Methyl-2-Pentanone
Concen: 5.090 ug/l m
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

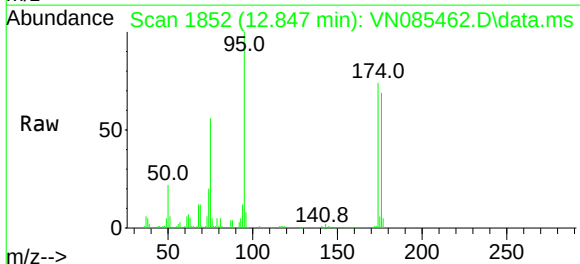
Tgt Ion: 43 Resp: 15866
Ion Ratio Lower Upper
43 100
58 23.5 30.5 45.7#





#62
4-Bromofluorobenzene
Concen: 47.490 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

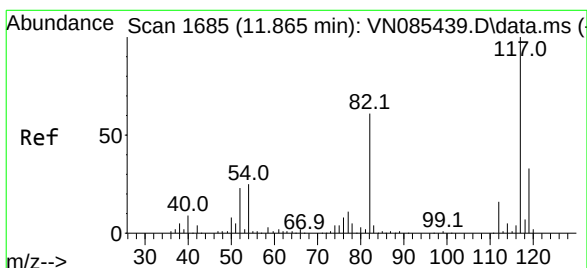
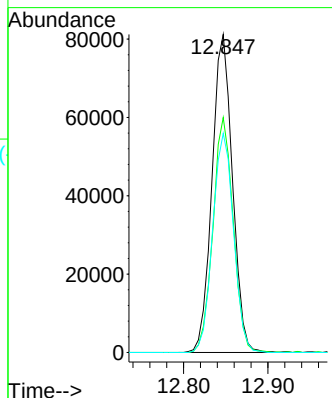
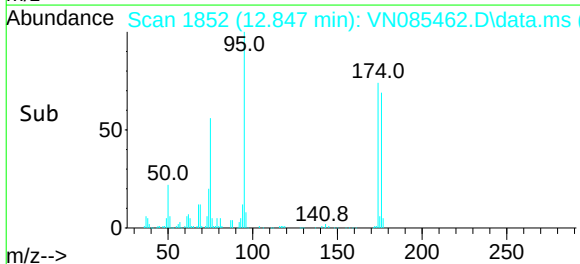
Instrument :
MSVOA_N
ClientSampleId :
ARS20-0006



Tgt Ion: 95 Resp: 136589
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.0
176 70.3 0.0 142.4

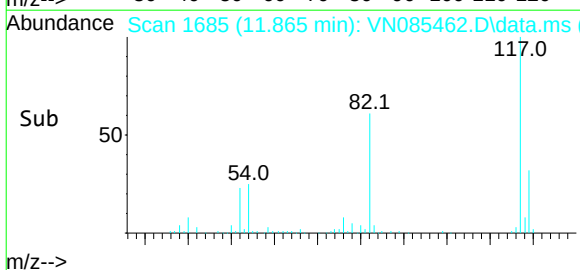
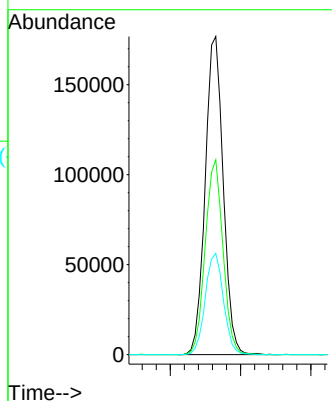
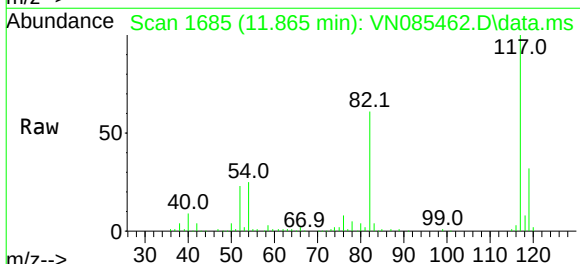
Manual Integrations
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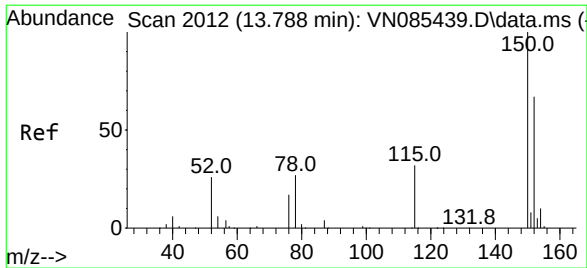
Reviewed By :Mahesh Dadoda 01/16/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085462.D
Acq: 15 Jan 2025 15:24

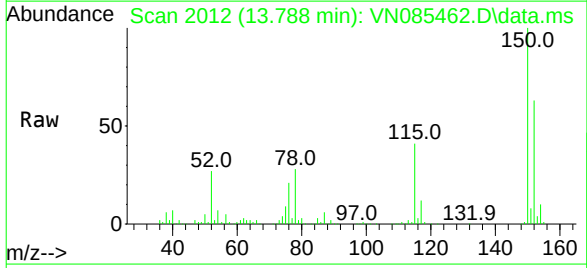
Tgt Ion:117 Resp: 314668
Ion Ratio Lower Upper
117 100
82 61.2 48.6 72.8
119 31.8 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085462.D
 Acq: 15 Jan 2025 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 ARS20-0006



Tgt	Ion:152	Resp:	118321
Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.1	93.3
150	158.9	0.0	343.6

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