

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085497.D
 Acq On : 17 Jan 2025 16:24
 Operator : JC\MD
 Sample : Q1115-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11995

Manual Integrations
 APPROVED

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

Quant Time: Jan 17 22:38:06 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	169146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	337616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	155432	56.927	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	113.860%		
35) Dibromofluoromethane	8.165	113	115916	49.490	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.980%		
50) Toluene-d8	10.565	98	418688	50.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.620%		
62) 4-Bromofluorobenzene	12.847	95	124112	43.598	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.200%		
Target Compounds						
16) Acetone	4.424	43	116675	132.254	ug/l	97
18) Methyl Acetate	5.024	43	3219m	1.200	ug/l	
20) Methylene Chloride	5.289	84	2317	1.061	ug/l #	77
25) 2-Butanone	7.483	43	12282	9.460	ug/l #	90
43) Isopropyl Acetate	8.688	43	183158	34.450	ug/l #	81

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

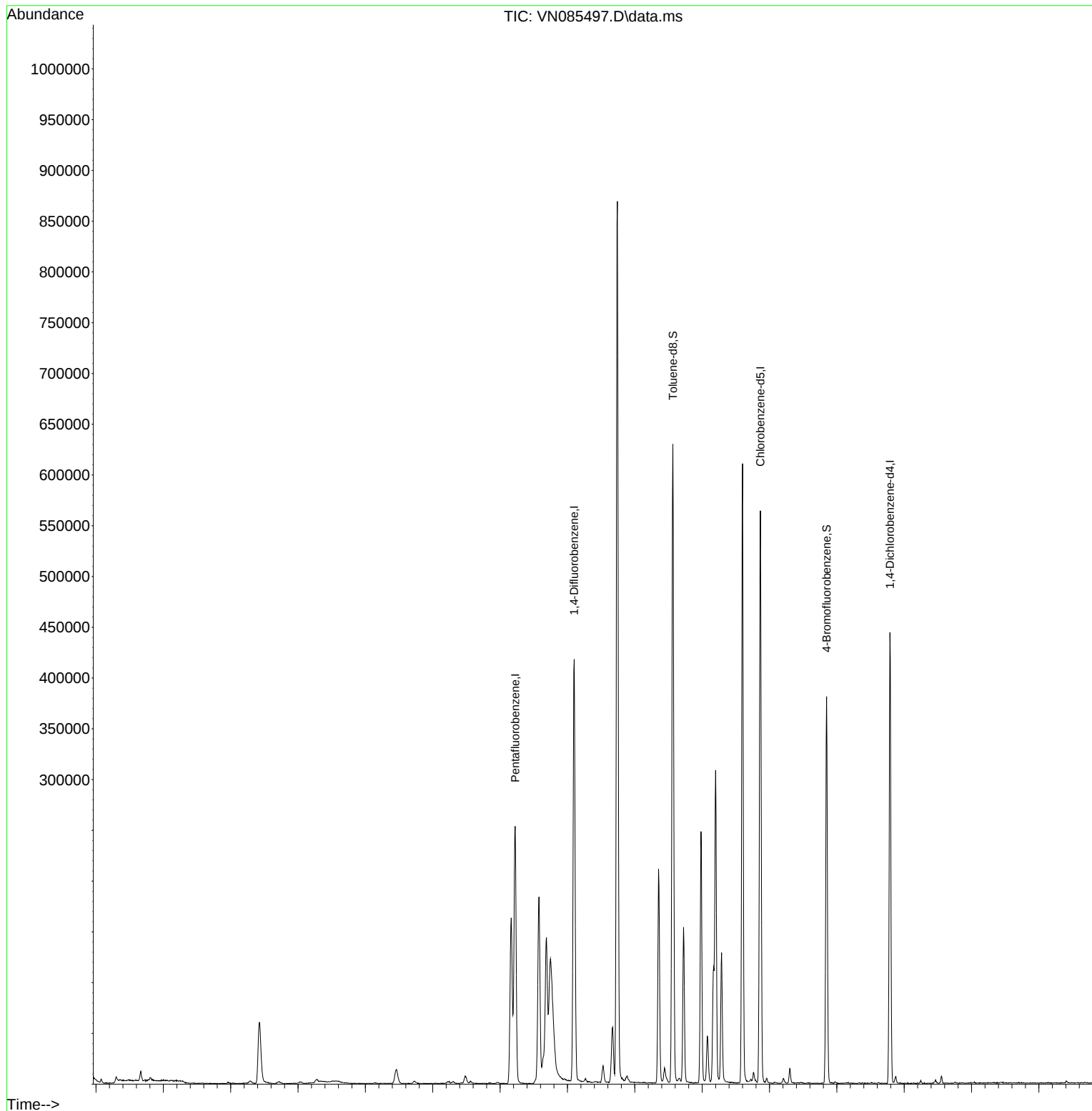
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
Data File : VN085497.D
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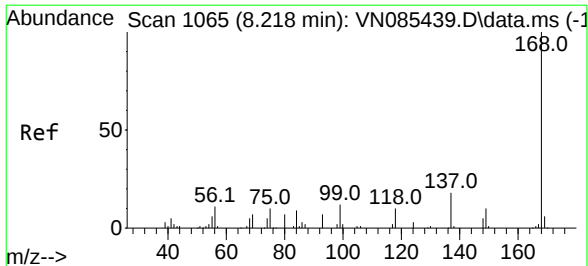
Instrument :
MSVOA_N
ClientSampleId :
72-11995

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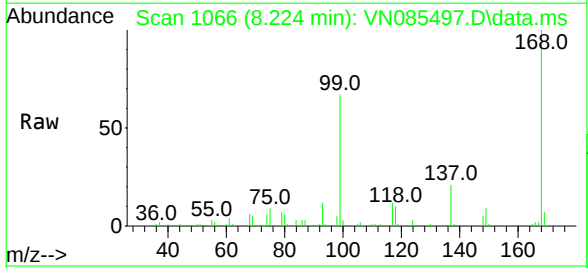
Quant Time: Jan 17 22:38:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085497.D
Acq: 17 Jan 2025 16:24

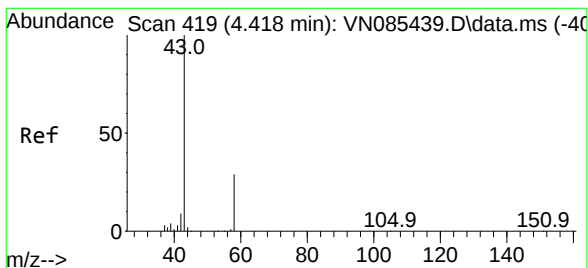
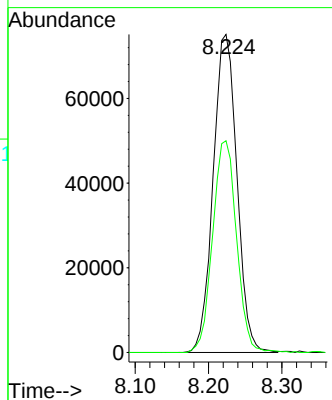
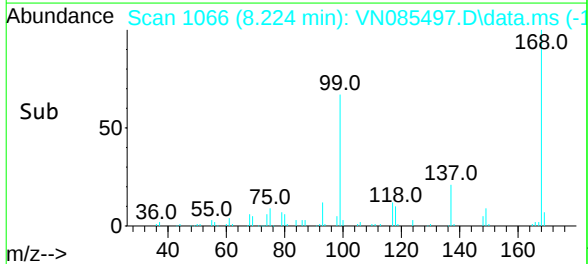
Instrument :
MSVOA_N
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72-11995



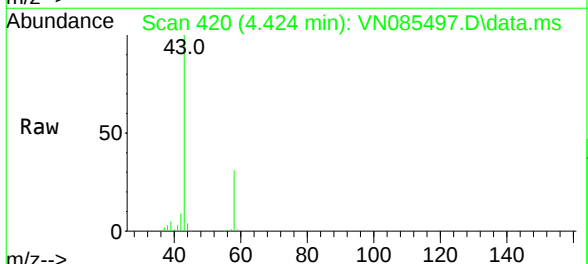
Tgt Ion:168 Resp: 169146
Ion Ratio Lower Upper
168 100
99 66.6 53.6 80.4

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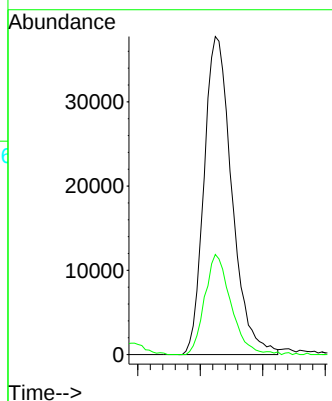
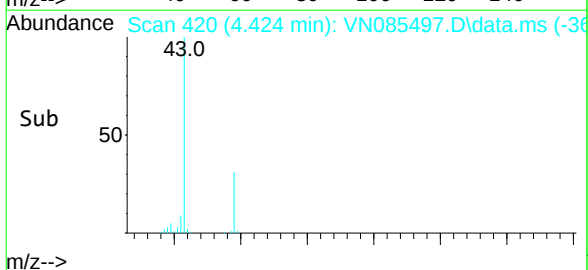
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

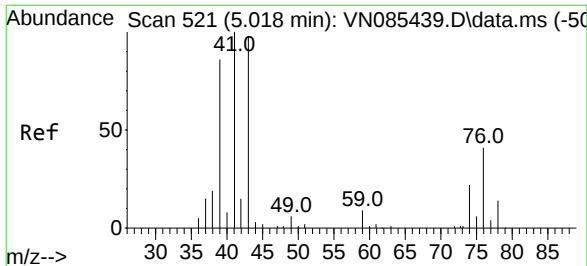


#16
Acetone
Concen: 132.254 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085497.D
Acq: 17 Jan 2025 16:24



Tgt Ion: 43 Resp: 116675
Ion Ratio Lower Upper
43 100
58 31.5 23.8 35.6





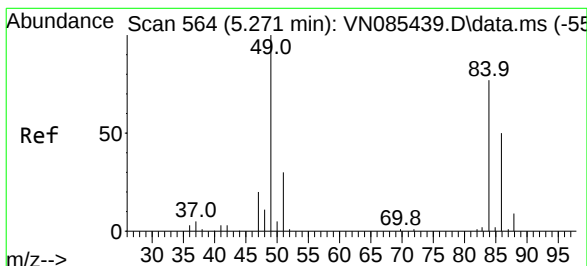
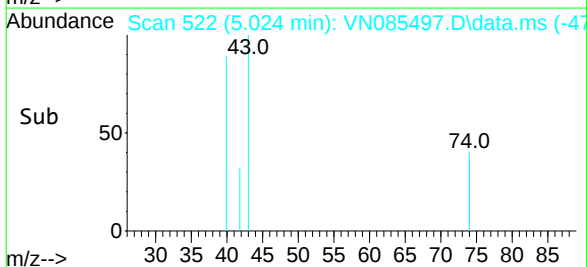
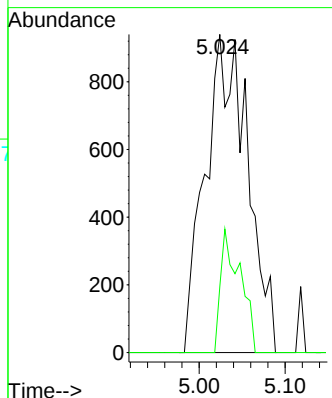
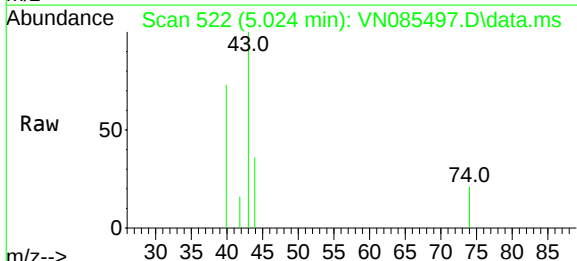
#18
Methyl Acetate
Concen: 1.200 ug/l m
RT: 5.024 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN085497.D
Acq: 17 Jan 2025 16:24

Instrument :
MSVOA_N
ClientSampleId :
72-11995

Tgt Ion: 43 Resp: 3219
Ion Ratio Lower Upper
43 100
74 18.0 18.6 28.0#

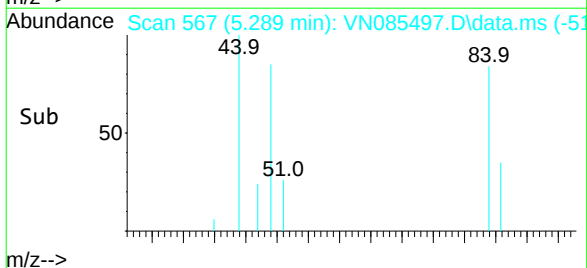
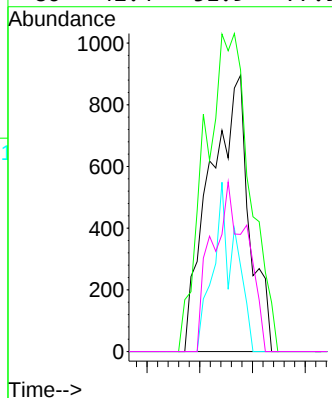
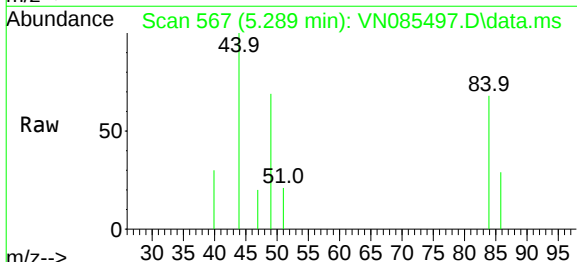
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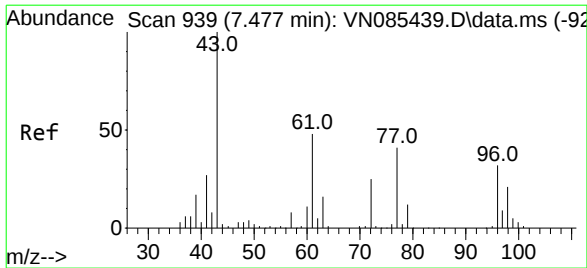
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#20
Methylene Chloride
Concen: 1.061 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.018 min
Lab File: VN085497.D
Acq: 17 Jan 2025 16:24

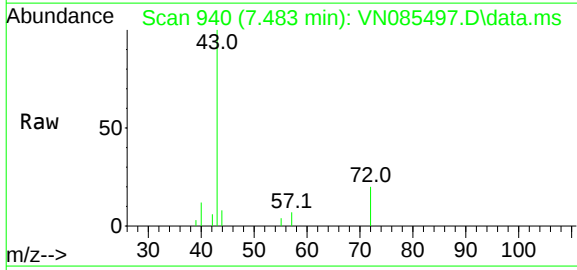
Tgt Ion: 84 Resp: 2317
Ion Ratio Lower Upper
84 100
49 101.9 104.1 156.1#
51 31.0 31.0 46.4
86 42.4 51.9 77.9#





#25
2-Butanone
Concen: 9.460 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN085497.D
Acq: 17 Jan 2025 16:24

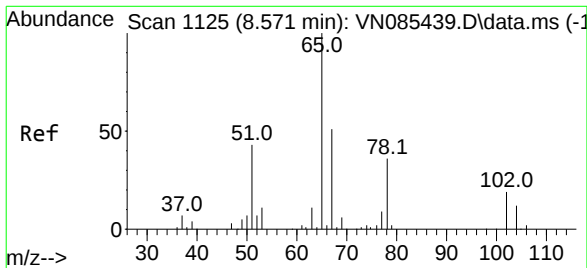
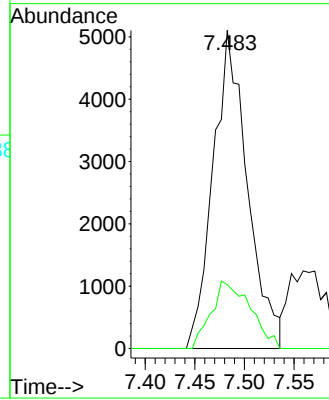
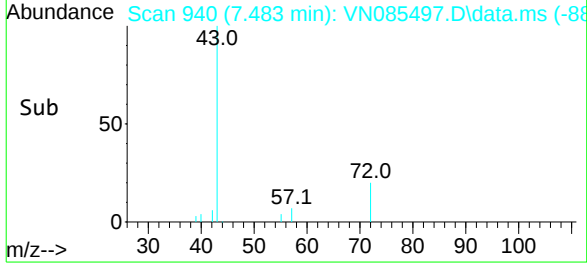
Instrument :
MSVOA_N
ClientSampleId :
72-11995



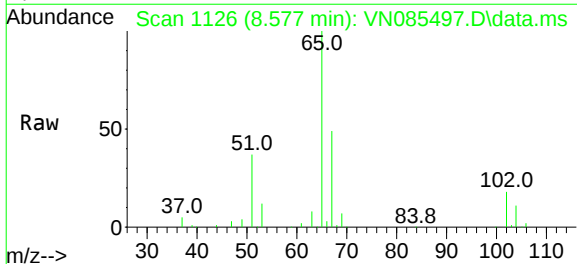
Tgt Ion: 43 Resp: 12282
Ion Ratio Lower Upper
43 100
72 20.1 20.2 30.4

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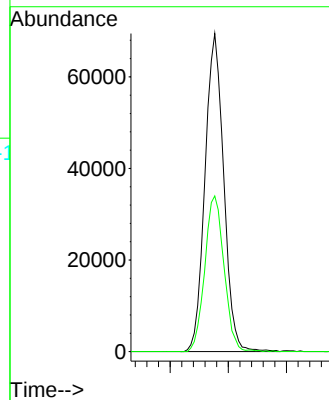
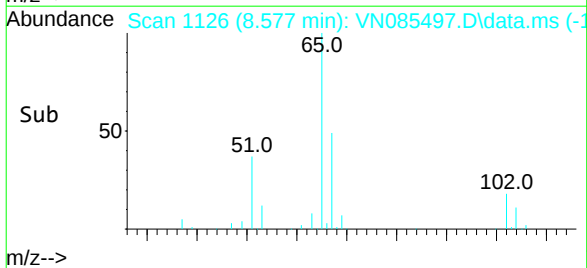
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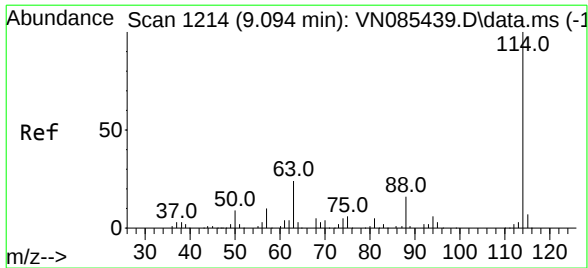


#33
1,2-Dichloroethane-d4
Concen: 56.927 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085497.D
Acq: 17 Jan 2025 16:24



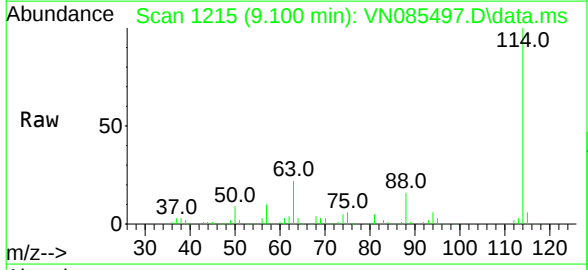
Tgt Ion: 65 Resp: 155432
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085497.D
Acq: 17 Jan 2025 16:24

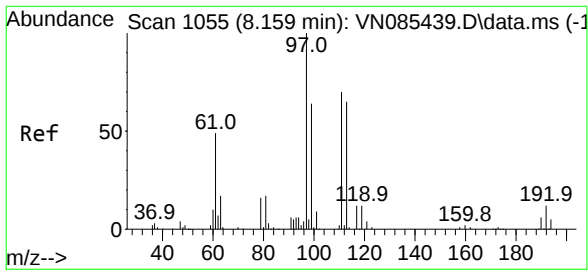
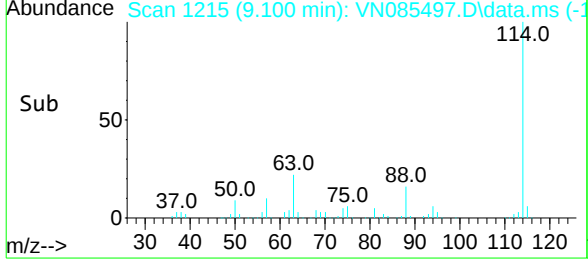
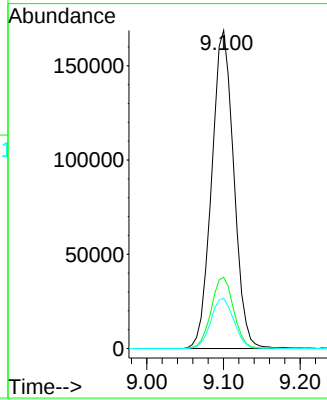
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Tgt Ion:	114	Resp:	337616
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	47.6
88	15.8	0.0	32.6

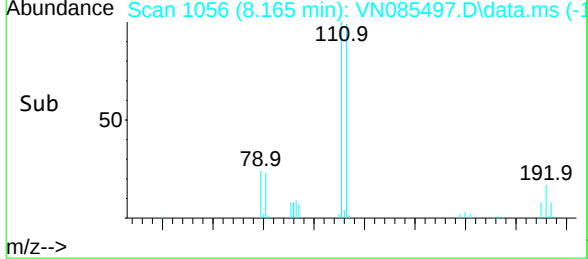
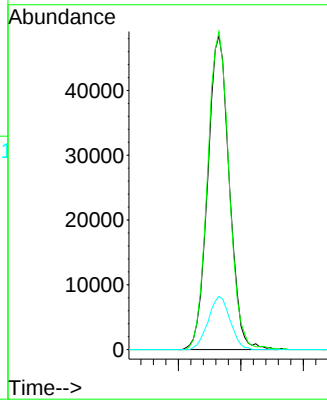
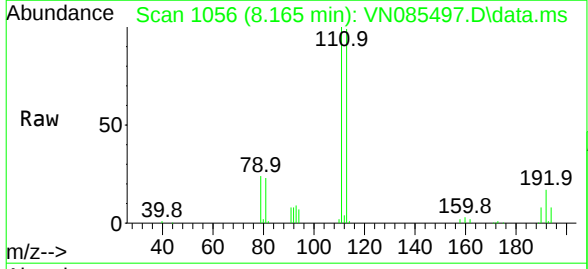
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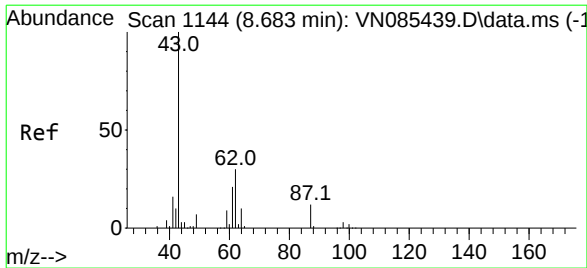
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#35
Dibromofluoromethane
Concen: 49.490 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085497.D
Acq: 17 Jan 2025 16:24

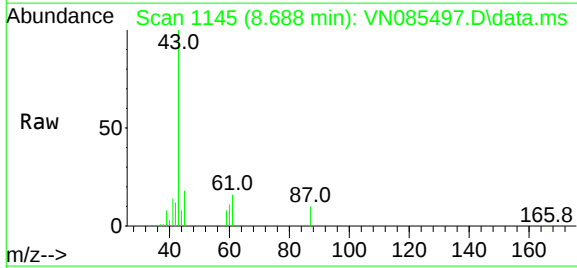
Tgt Ion:	113	Resp:	115916
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.7	124.1
192	17.2	14.3	21.5





#43
Isopropyl Acetate
Concen: 34.450 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN085497.D
Acq: 17 Jan 2025 16:24

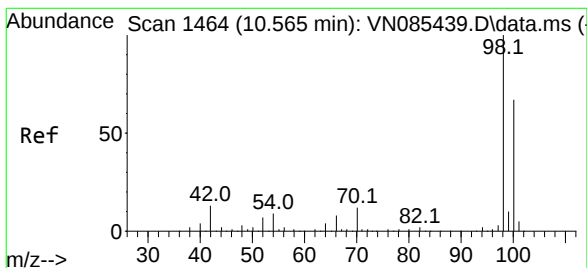
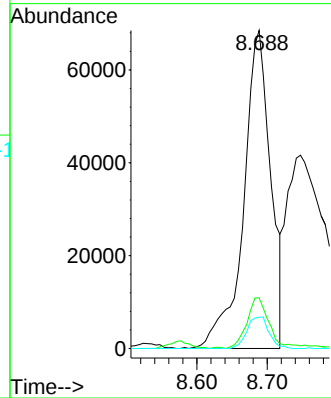
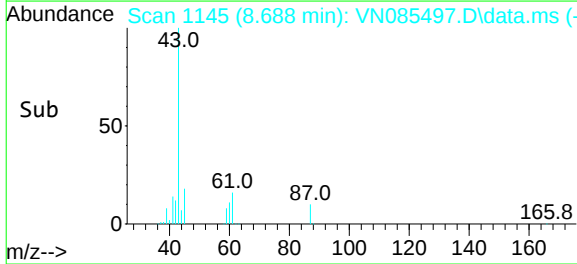
Instrument :
MSVOA_N
ClientSampleId :
72-11995



Tgt Ion: 43 Resp: 183158
Ion Ratio Lower Upper
43 100
61 14.1 20.7 31.1#
87 8.1 9.8 14.8#

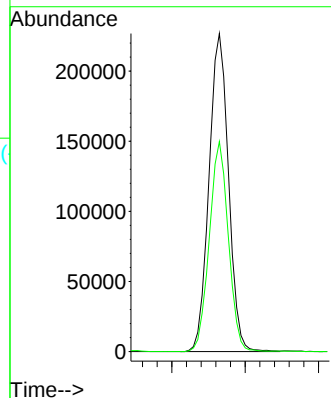
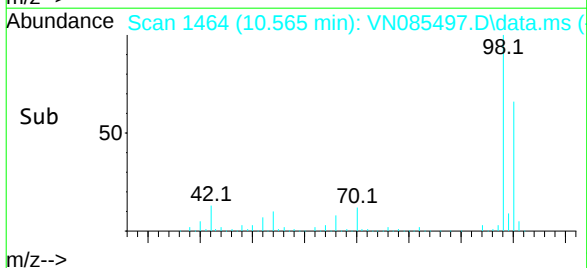
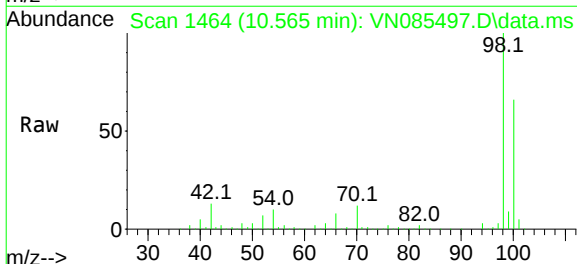
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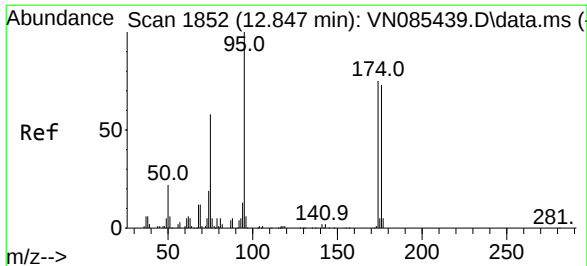
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#50
Toluene-d8
Concen: 50.312 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085497.D
Acq: 17 Jan 2025 16:24

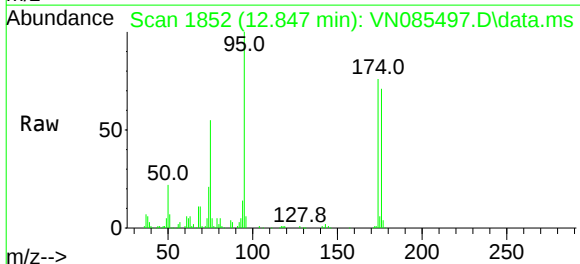
Tgt Ion: 98 Resp: 418688
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4





#62
4-Bromofluorobenzene
Concen: 43.598 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085497.D
Acq: 17 Jan 2025 16:24

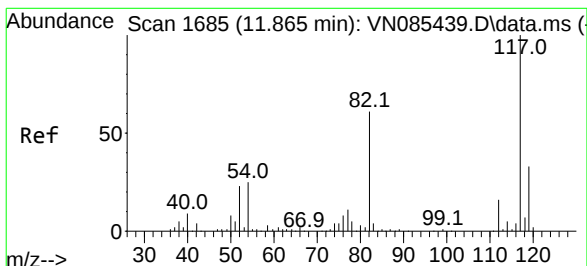
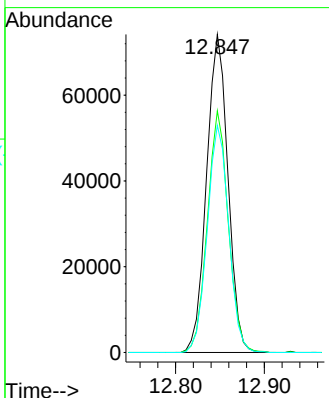
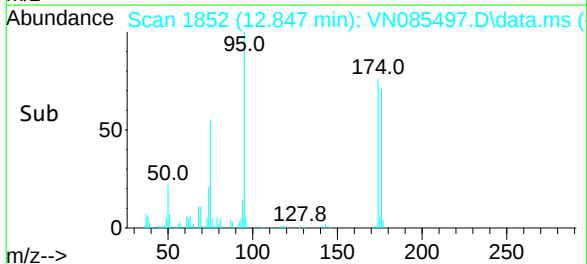
Instrument :
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ClientSampleId :
72-11995



Tgt Ion:	95	Resp:	124112
Ion Ratio	100	Lower	Upper
95	100		
174	74.6	0.0	145.0
176	71.4	0.0	142.4

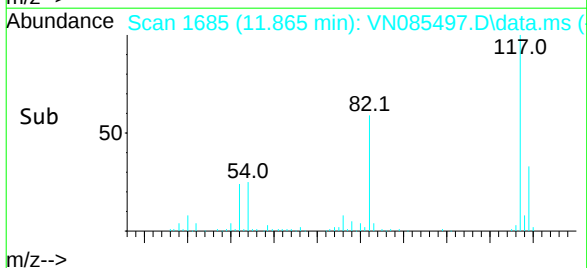
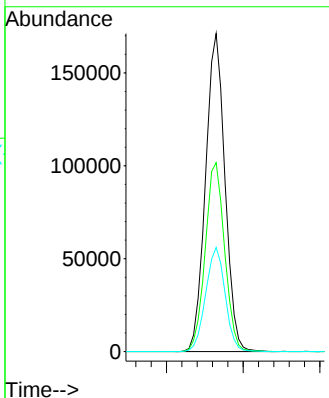
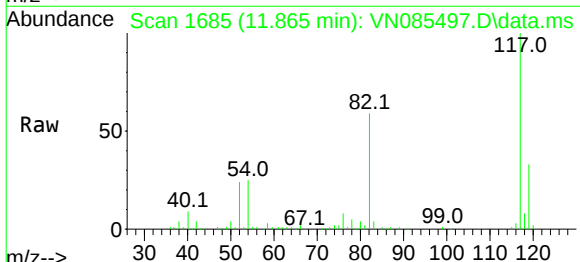
Manual Integrations
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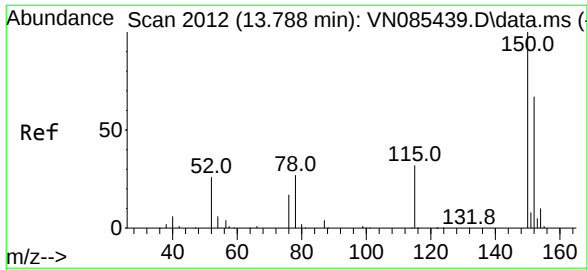
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085497.D
Acq: 17 Jan 2025 16:24

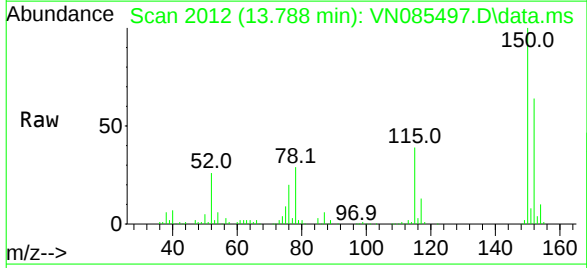
Tgt Ion:	117	Resp:	300873
Ion Ratio	100	Lower	Upper
117	100		
82	59.4	48.6	72.8
119	32.7	26.6	39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085497.D
 Acq: 17 Jan 2025 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11995



Tgt Ion:152 Resp: 113308
 Ion Ratio Lower Upper
 152 100
 115 62.0 31.1 93.3
 150 158.6 0.0 343.6

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