

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086586.D
 Acq On : 12 May 2025 17:17
 Operator : JC\MD
 Sample : PB167932ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#11

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/13/2025
 Supervised By :Semsettin Yesilyurt 05/13/2025

Quant Time: May 13 01:55:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118685	49.418	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.840%		
35) Dibromofluoromethane	8.165	113	90993	62.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	124.920%#		
50) Toluene-d8	10.565	98	406416	52.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.400%		
62) 4-Bromofluorobenzene	12.847	95	140072	49.324	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.640%		
Target Compounds					Qvalue	
16) Acetone	4.424	43	23352	22.940	ug/l	98
20) Methylene Chloride	5.271	84	5955	2.682	ug/l #	86
43) Isopropyl Acetate	8.688	43	27048m	3.113	ug/l	

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

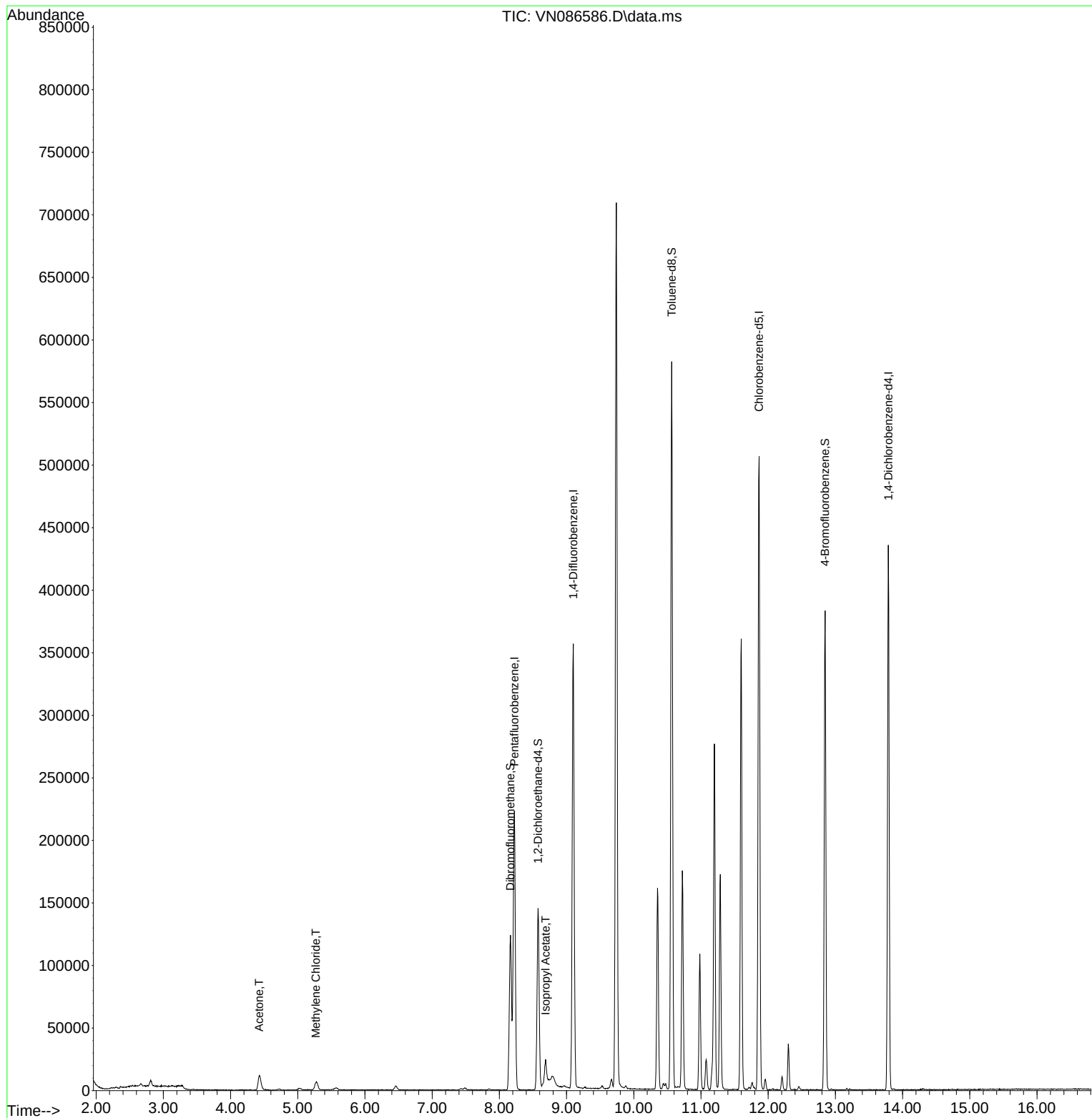
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
Data File : VN086586.D
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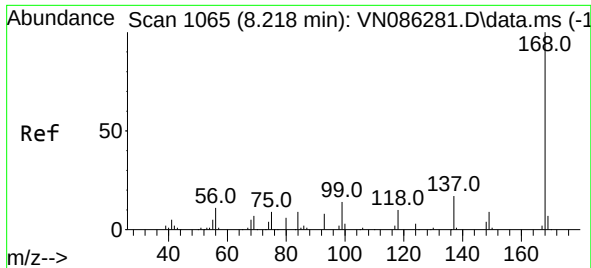
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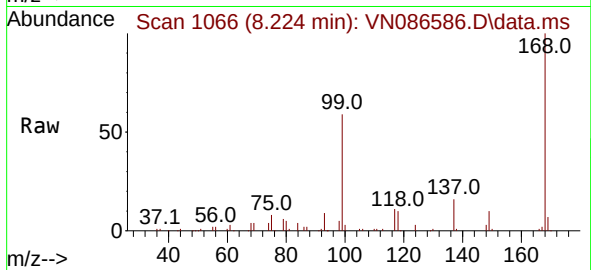
Quant Time: May 13 01:55:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086586.D
Acq: 12 May 2025 17:17

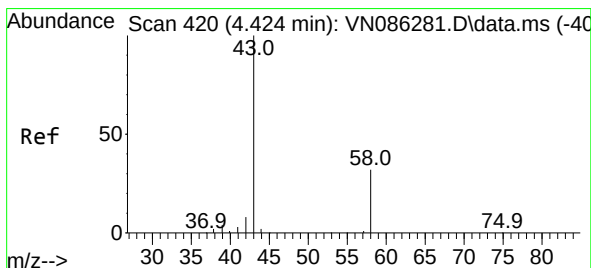
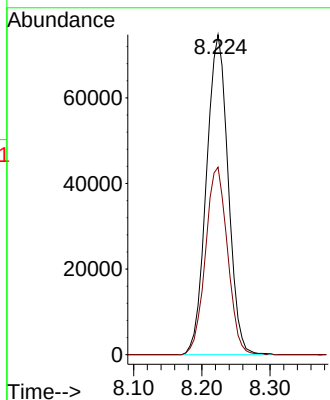
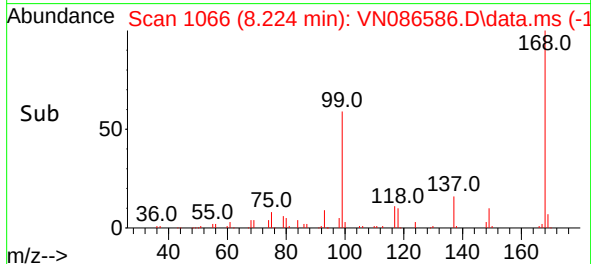
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#11



Tgt Ion:168 Resp: 16562
Ion Ratio Lower Upper
168 100
99 58.6 52.5 78.7

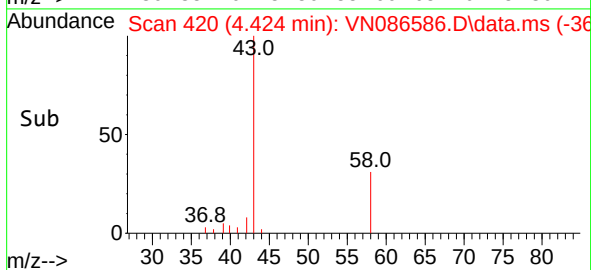
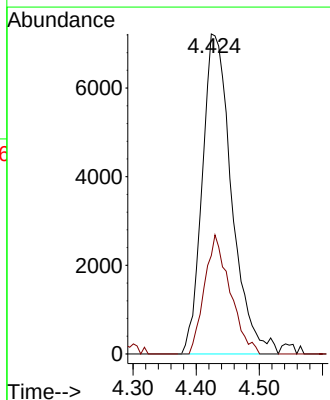
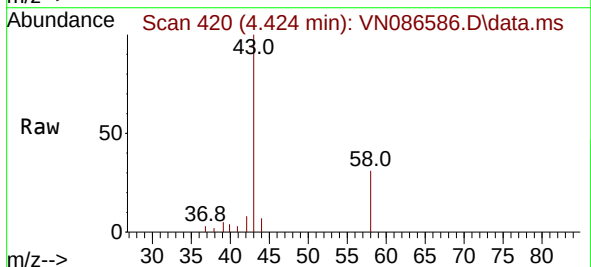
Manual Integrations
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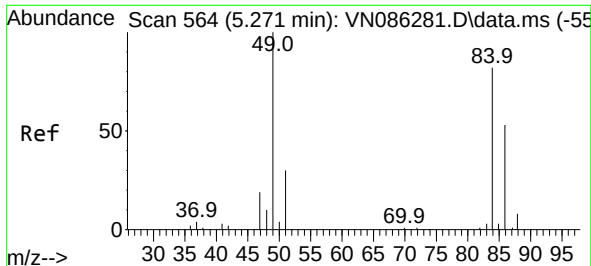
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#16
Acetone
Concen: 22.940 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086586.D
Acq: 12 May 2025 17:17

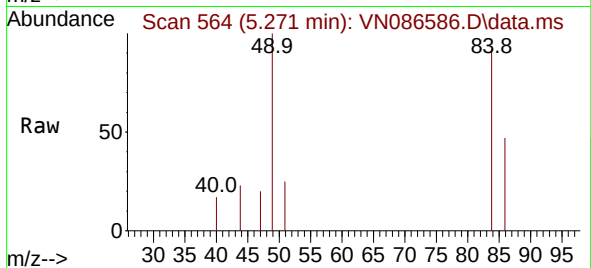
Tgt Ion: 43 Resp: 23352
Ion Ratio Lower Upper
43 100
58 30.7 25.3 37.9





#20
Methylene Chloride
Concen: 2.682 ug/l
RT: 5.271 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN086586.D
Acq: 12 May 2025 17:17

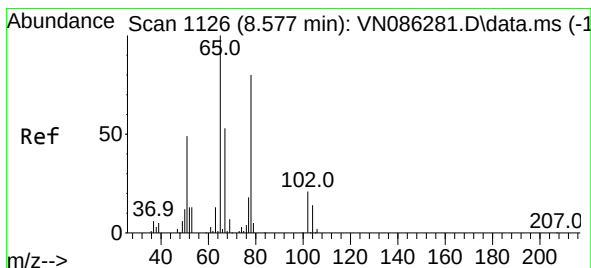
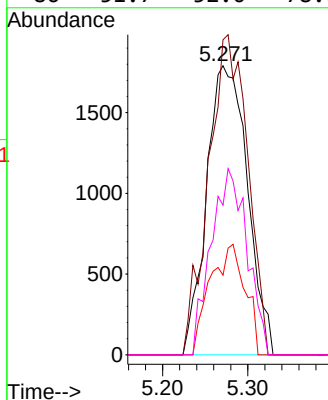
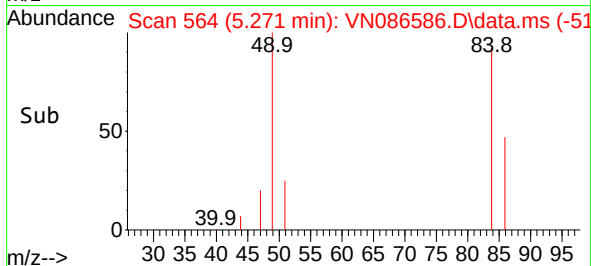
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#11



Tgt Ion: 84 Resp: 595
Ion Ratio Lower Upper
84 100
49 108.9 98.2 147.2
51 27.5 29.8 44.6
86 51.7 52.0 78.0#

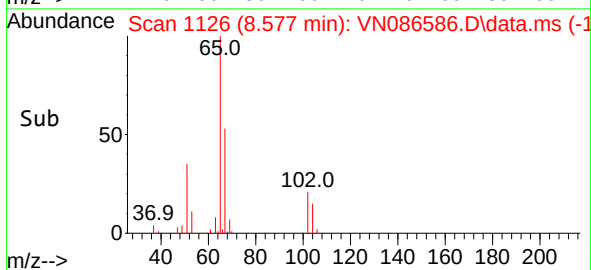
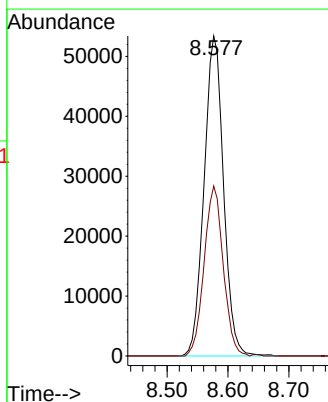
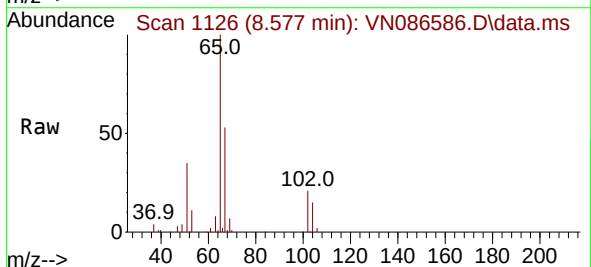
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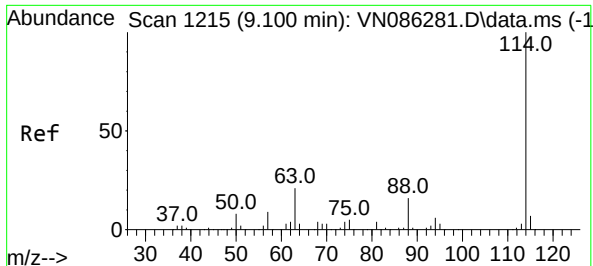
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#33
1,2-Dichloroethane-d4
Concen: 49.418 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086586.D
Acq: 12 May 2025 17:17

Tgt Ion: 65 Resp: 118685
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. -0.000 min

Lab File: VN086586.D

Acq: 12 May 2025 17:17

Instrument :

MSVOA_N

ClientSampleId :

PB167932ZHE#11

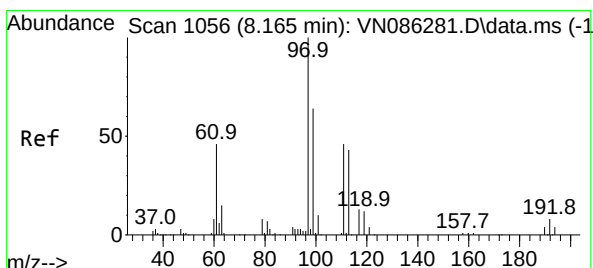
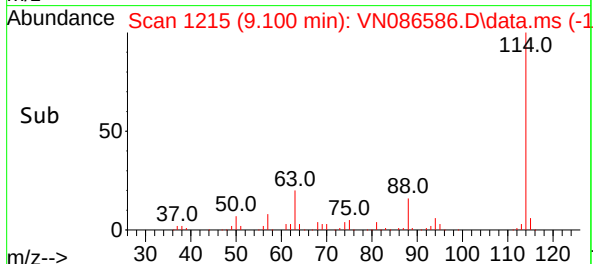
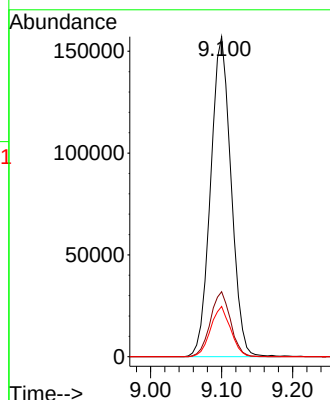
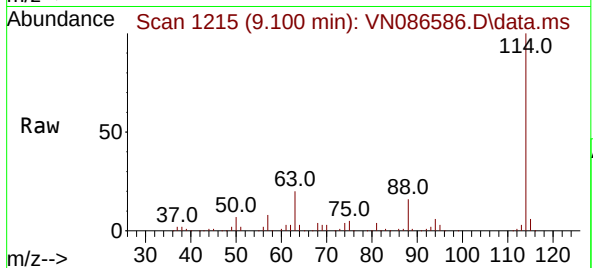
Tgt Ion:114 Resp: 31389

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.6
88	15.7	0.0	31.8

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Supervised By :Semsettin Yesilyurt 05/13/2025



#35

Dibromofluoromethane

Concen: 62.460 ug/l

RT: 8.165 min Scan# 1056

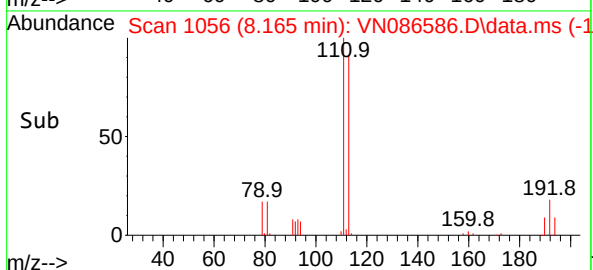
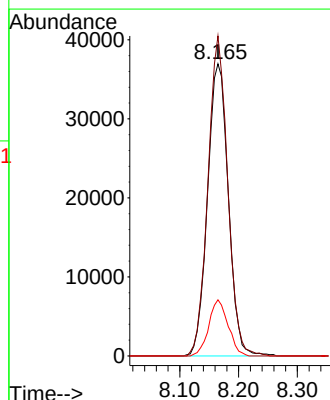
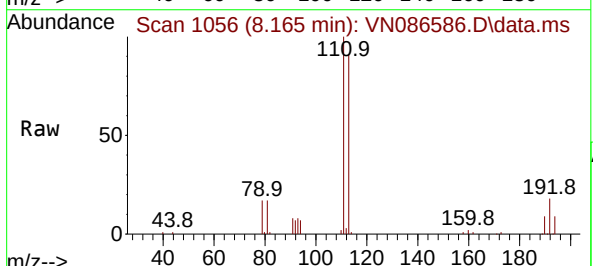
Delta R.T. -0.000 min

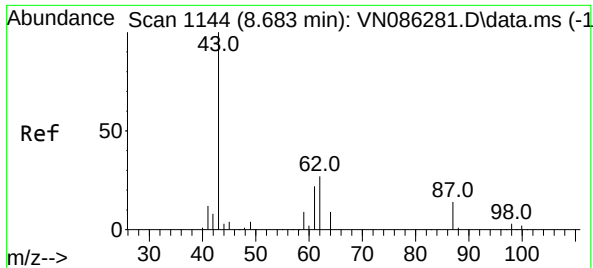
Lab File: VN086586.D

Acq: 12 May 2025 17:17

Tgt Ion:113 Resp: 90993

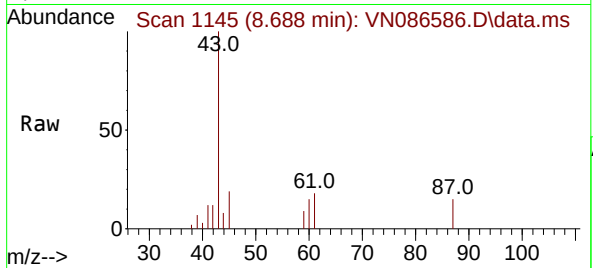
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.0
192	17.8	13.7	20.5





#43
Isopropyl Acetate
Concen: 3.113 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086586.D
Acq: 12 May 2025 17:17

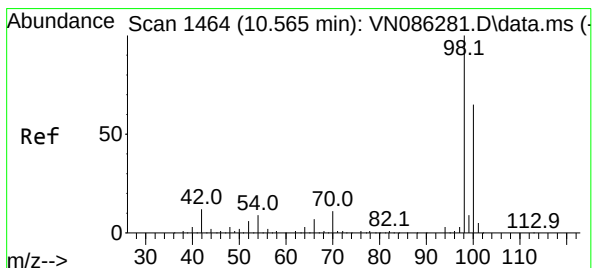
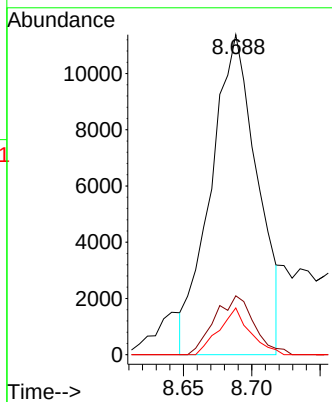
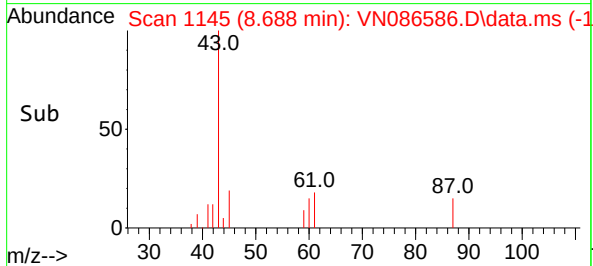
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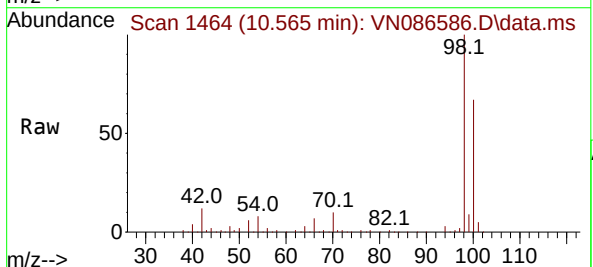
Tgt Ion: 43 Resp: 27048
Ion Ratio Lower Upper
43 100
61 15.6 20.5 30.7
87 9.7 10.5 15.7

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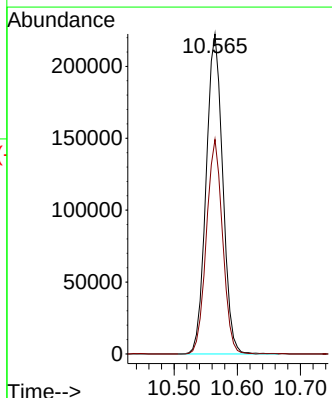
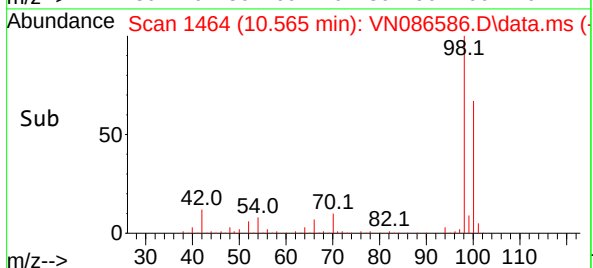
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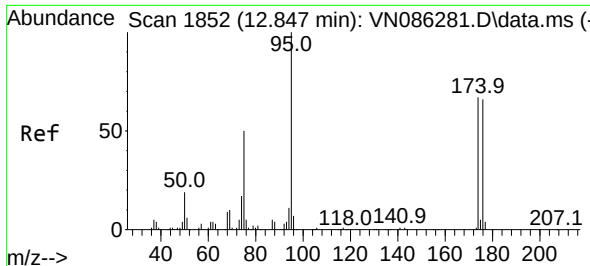


#50
Toluene-d8
Concen: 52.199 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086586.D
Acq: 12 May 2025 17:17



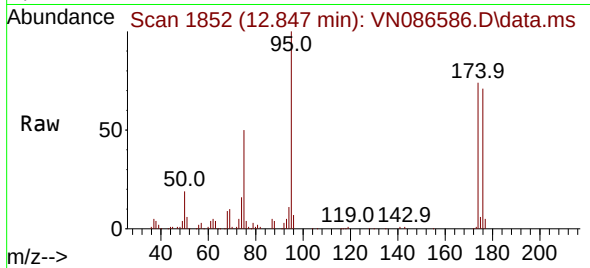
Tgt Ion: 98 Resp: 406416
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 49.324 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086586.D
Acq: 12 May 2025 17:17

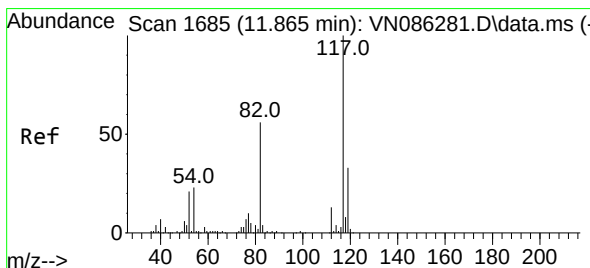
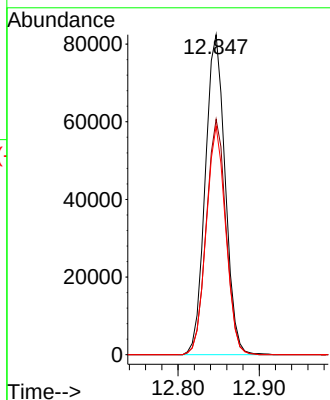
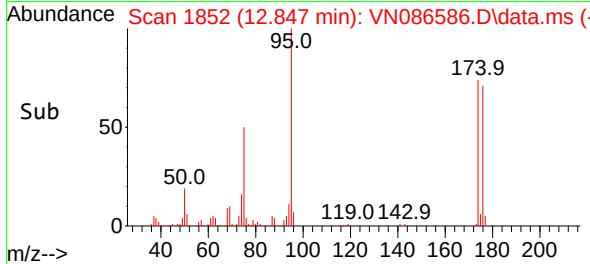
Instrument :
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PB167932ZHE#11



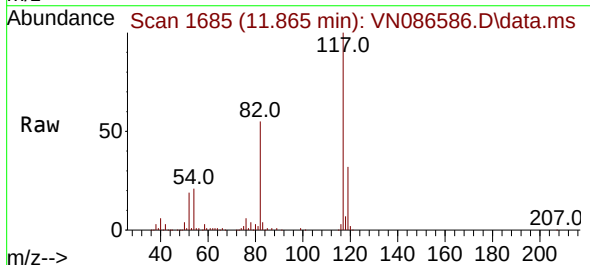
Tgt Ion: 95 Resp: 140072
Ion Ratio Lower Upper
95 100
174 72.8 0.0 133.4
176 70.1 0.0 129.2

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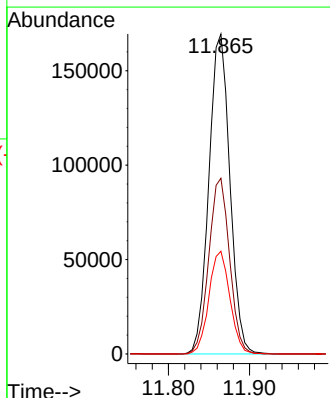
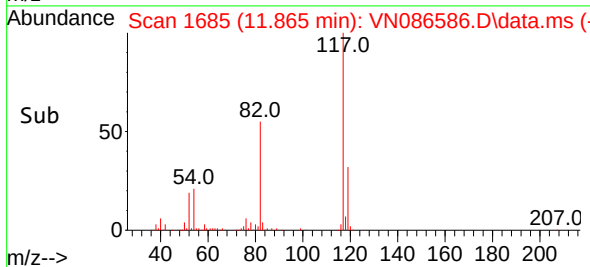
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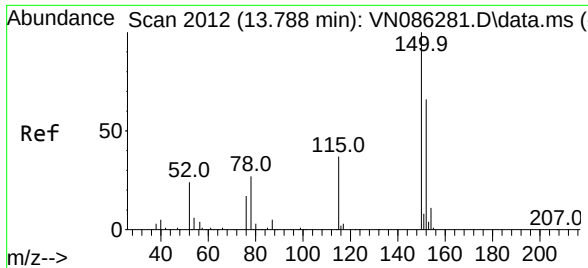


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086586.D
Acq: 12 May 2025 17:17



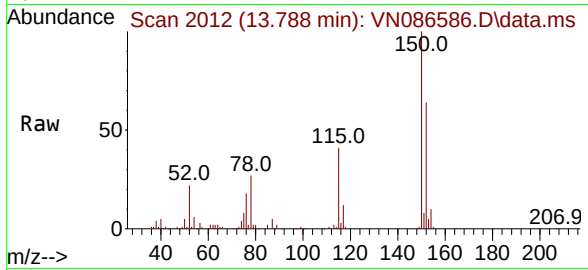
Tgt Ion:117 Resp: 304252
Ion Ratio Lower Upper
117 100
82 54.9 44.7 67.1
119 32.1 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086586.D
 Acq: 12 May 2025 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#11



Tgt Ion:152 Resp: 120970
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.9 95.9
 150 156.5 0.0 352.0

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