

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086514.D
 Acq On : 06 May 2025 14:59
 Operator : JC\MD
 Sample : Q1960-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11933

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2025
 Supervised By : Mahesh Dadoda 05/07/2025

Quant Time: May 07 02:55:43 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	174493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121011	47.825	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.640%		
35) Dibromofluoromethane	8.165	113	86167	57.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	114.080%		
50) Toluene-d8	10.565	98	420030	52.024	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.040%		
62) 4-Bromofluorobenzene	12.847	95	151547	51.462	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.920%		
Target Compounds					Qvalue	
16) Acetone	4.430	43	23075	21.153	ug/l	100
20) Methylene Chloride	5.283	84	4660m	1.992	ug/l	
43) Isopropyl Acetate	8.688	43	27187m	2.960	ug/l	

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

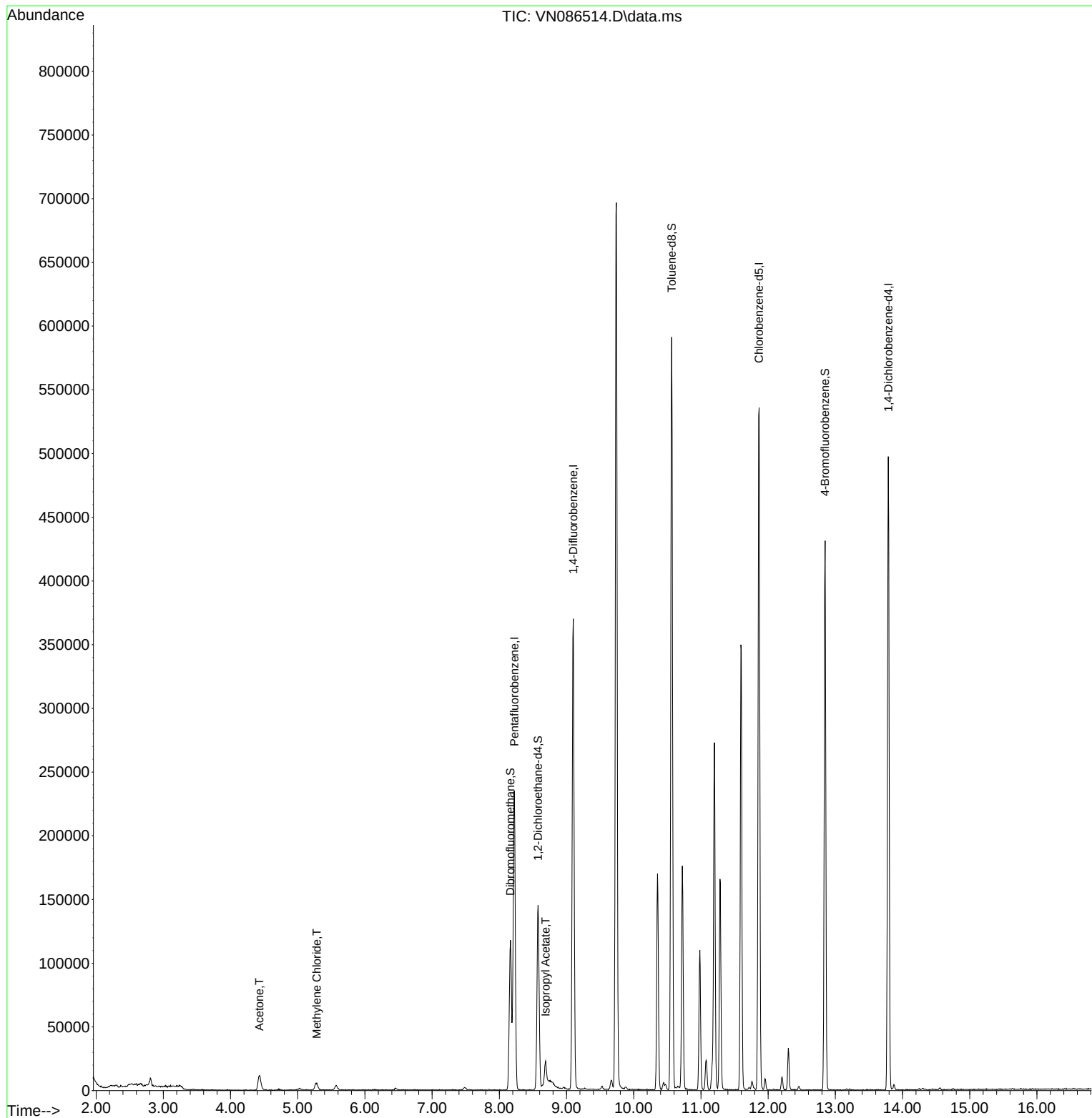
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086514.D
Acq On : 06 May 2025 14:59
Operator : JC\MD
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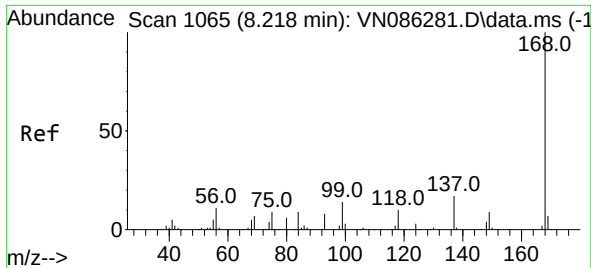
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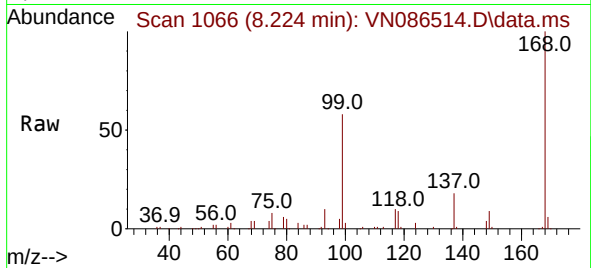
Quant Time: May 07 02:55:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086514.D
Acq: 06 May 2025 14:59

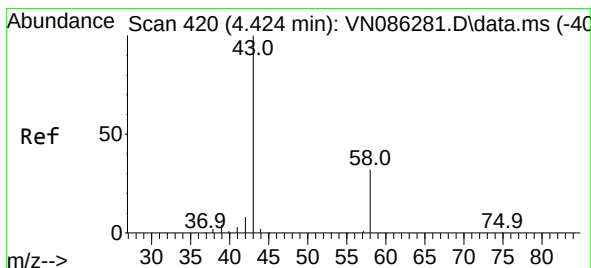
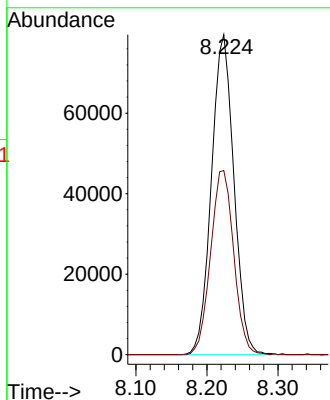
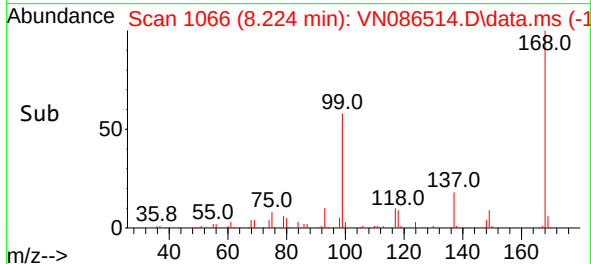
Instrument :
MSVOA_N
ClientSampleId :
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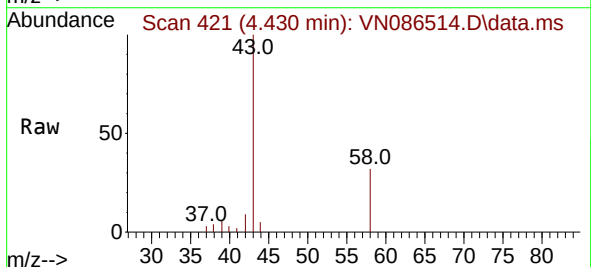
Tgt Ion:168 Resp: 17449
Ion Ratio Lower Upper
168 100
99 57.5 52.5 78.7

Manual Integrations
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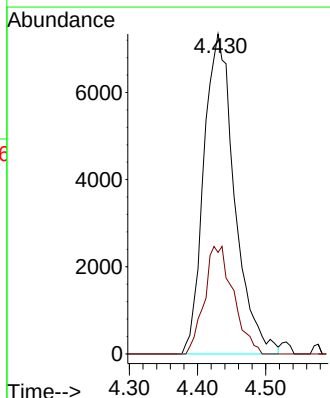
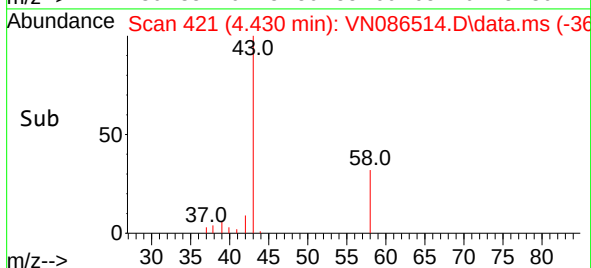
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

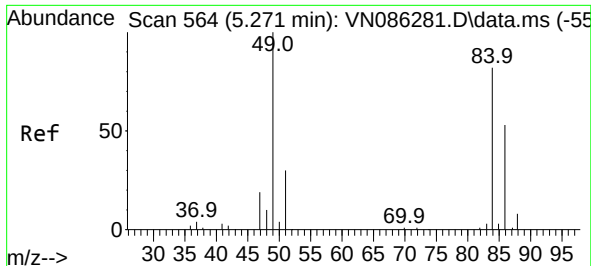


#16
Acetone
Concen: 21.153 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086514.D
Acq: 06 May 2025 14:59



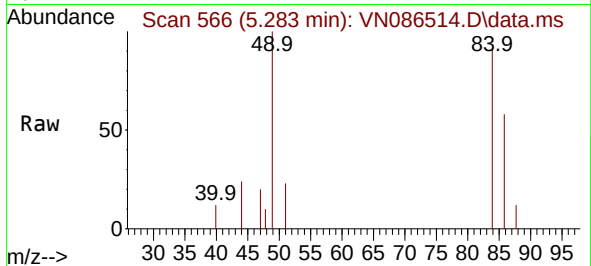
Tgt Ion: 43 Resp: 23075
Ion Ratio Lower Upper
43 100
58 31.7 25.3 37.9





#20
Methylene Chloride
Concen: 1.992 ug/l m
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086514.D
Acq: 06 May 2025 14:59

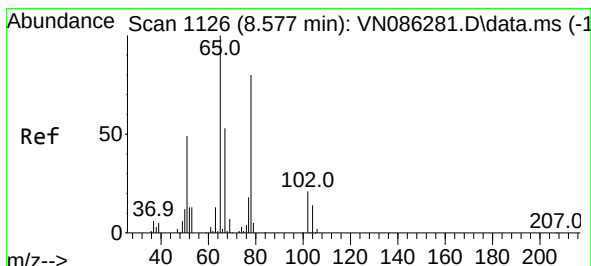
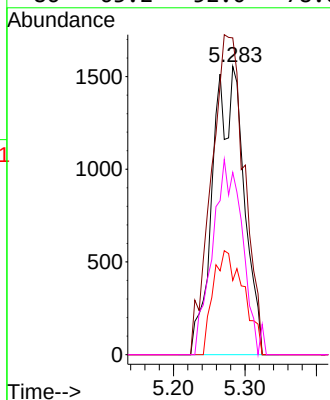
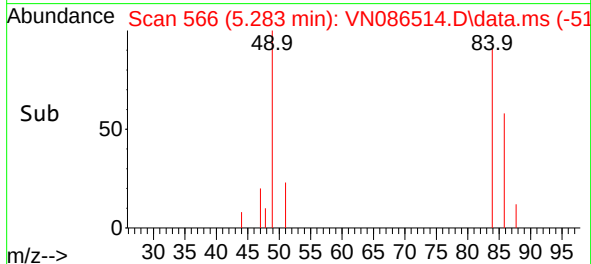
Instrument :
MSVOA_N
ClientSampleId :
72-11933



Tgt Ion: 84 Resp: 4660
Ion Ratio Lower Upper
84 100
49 109.9 98.2 147.2
51 25.7 29.8 44.6
86 63.2 52.0 78.0

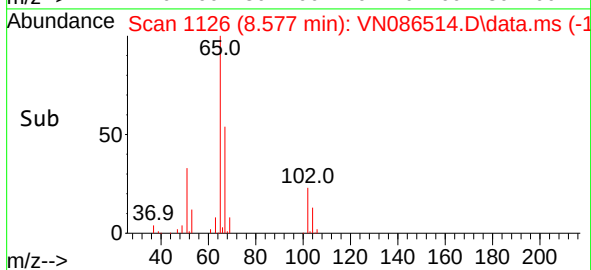
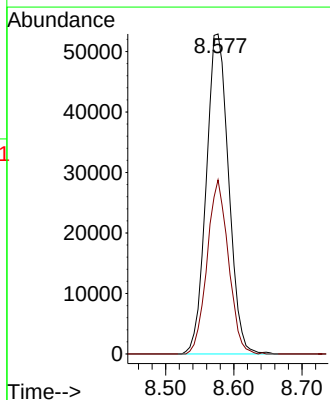
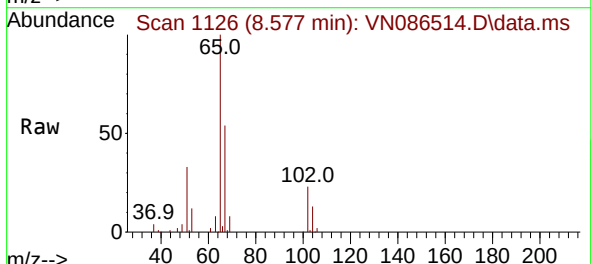
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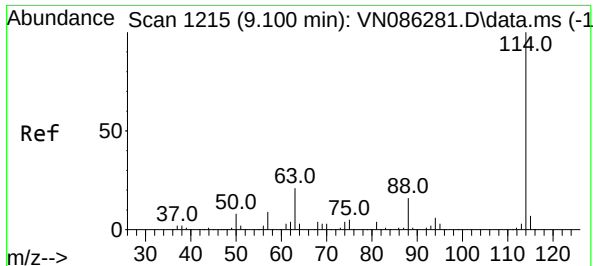
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#33
1,2-Dichloroethane-d4
Concen: 47.825 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086514.D
Acq: 06 May 2025 14:59

Tgt Ion: 65 Resp: 121011
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086514.D

Acq: 06 May 2025 14:59

Instrument :

MSVOA_N

ClientSampleId :

72-11933

Tgt Ion:114 Resp: 325490

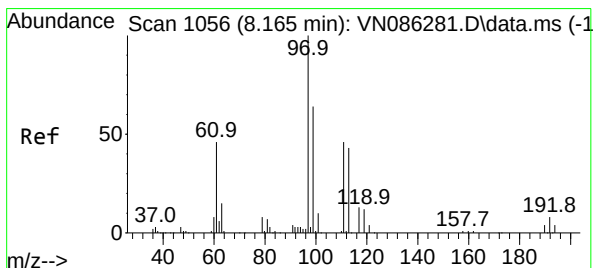
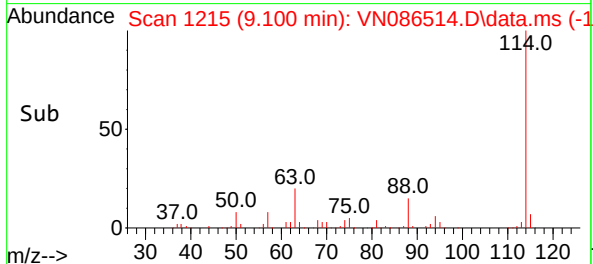
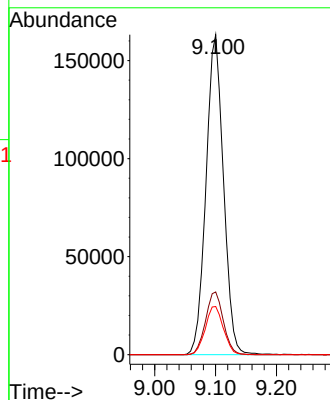
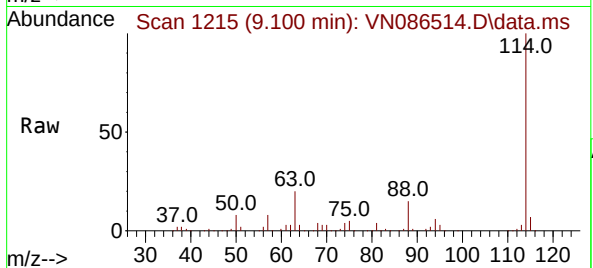
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.6
88	15.1	0.0	31.8

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Supervised By :Mahesh Dadoda 05/07/2025



#35

Dibromofluoromethane

Concen: 57.039 ug/l

RT: 8.165 min Scan# 1056

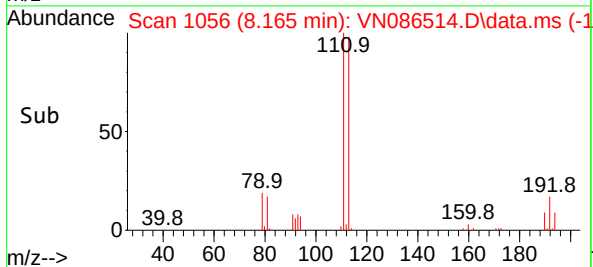
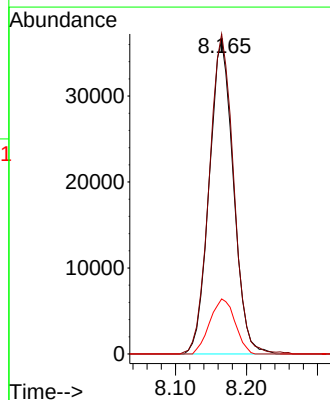
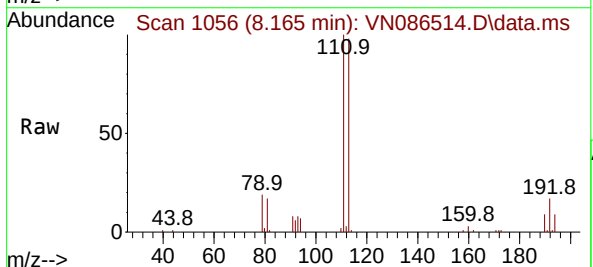
Delta R.T. 0.000 min

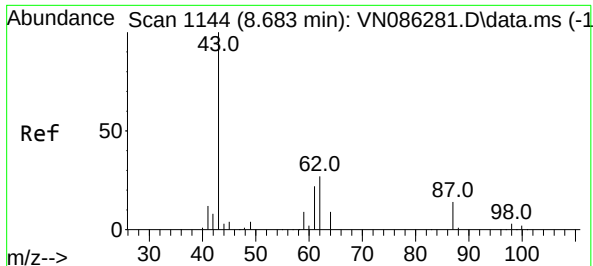
Lab File: VN086514.D

Acq: 06 May 2025 14:59

Tgt Ion:113 Resp: 86167

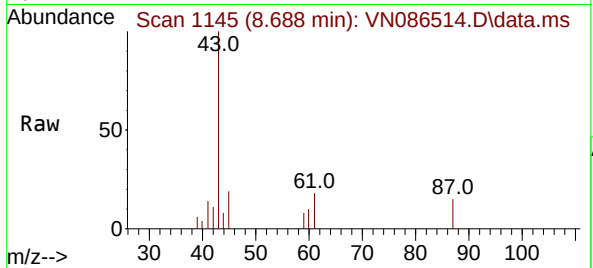
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.4	125.0
192	18.3	13.7	20.5





#43
Isopropyl Acetate
Concen: 2.960 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086514.D
Acq: 06 May 2025 14:59

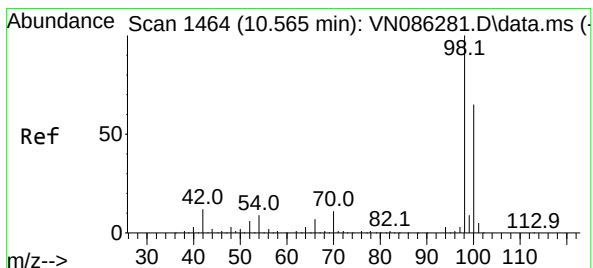
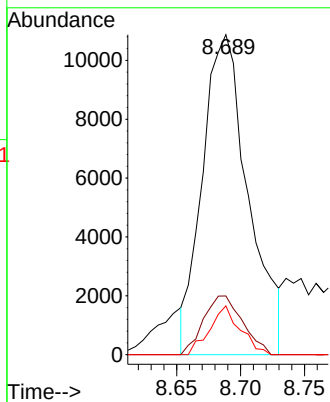
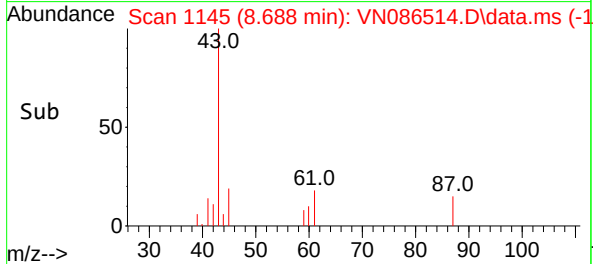
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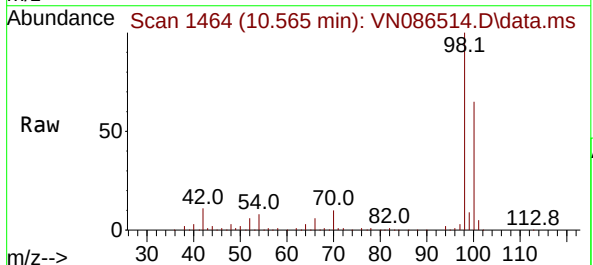
Tgt Ion: 43 Resp: 2718
Ion Ratio Lower Upper
43 100
61 15.7 20.5 30.7
87 10.2 10.5 15.7

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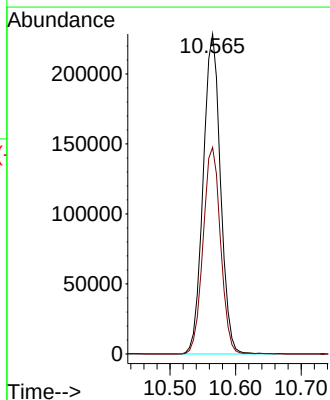
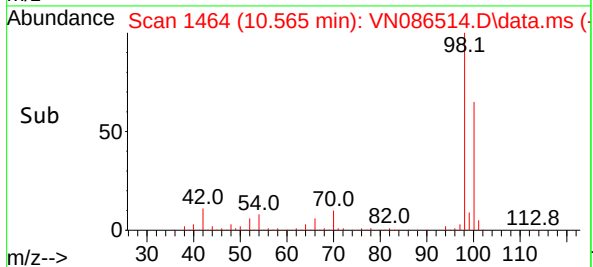
Reviewed By :John Carlone 05/07/2025
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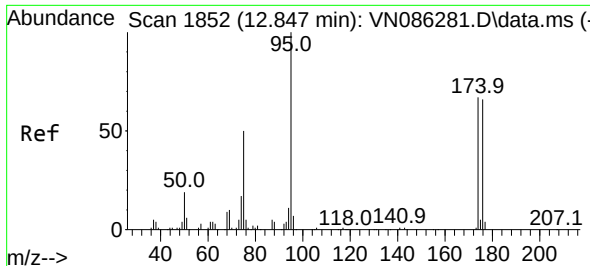


#50
Toluene-d8
Concen: 52.024 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086514.D
Acq: 06 May 2025 14:59



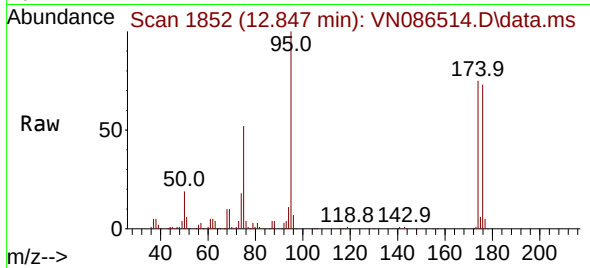
Tgt Ion: 98 Resp: 420030
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 51.462 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086514.D
Acq: 06 May 2025 14:59

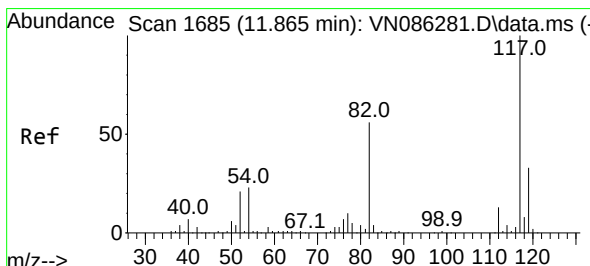
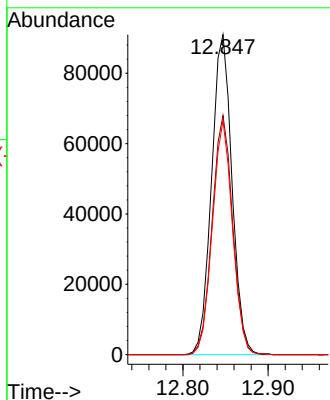
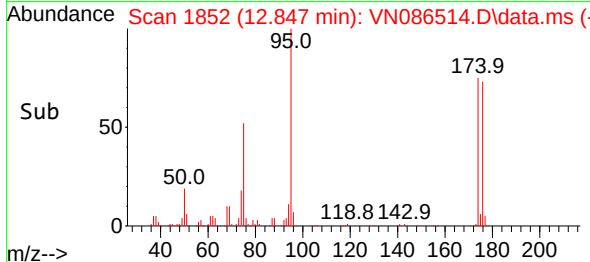
Instrument :
MSVOA_N
ClientSampleId :
72-11933



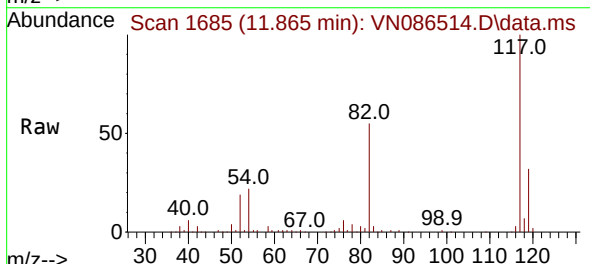
Tgt Ion: 95 Resp: 15154
Ion Ratio Lower Upper
95 100
174 75.1 0.0 133.4
176 71.8 0.0 129.2

Manual Integrations
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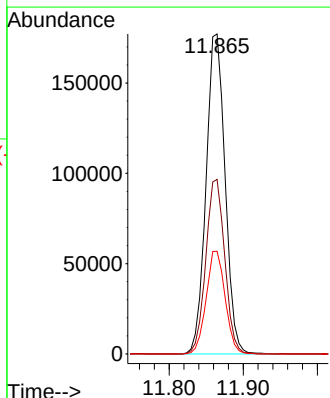
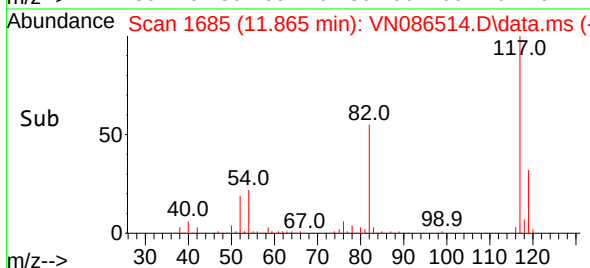
Reviewed By :John Carlone 05/07/2025
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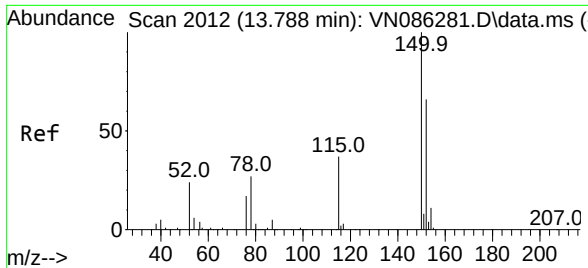


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086514.D
Acq: 06 May 2025 14:59



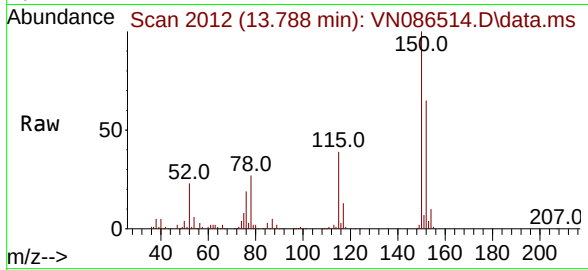
Tgt Ion:117 Resp: 316105
Ion Ratio Lower Upper
117 100
82 54.5 44.7 67.1
119 32.1 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086514.D
 Acq: 06 May 2025 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11933



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.9	95.9
150	158.8	0.0	352.0

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