

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086415.D
 Acq On : 28 Apr 2025 16:45
 Operator : JC\MD
 Sample : PB167744ZHE#12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#12

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

Quant Time: Apr 29 01:56:08 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	168373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	123180	50.451	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.900%			
35) Dibromofluoromethane	8.165	113	81051	53.639	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.280%			
50) Toluene-d8	10.565	98	418241	51.790	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.580%			
62) 4-Bromofluorobenzene	12.847	95	151042	51.278	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.560%			
Target Compounds						
16) Acetone	4.424	43	65907	74.059	ug/l	97
18) Methyl Acetate	5.024	43	3760	1.283	ug/l #	67
20) Methylene Chloride	5.277	84	3169	1.404	ug/l #	78
43) Isopropyl Acetate	8.688	43	30674m	3.580	ug/l	

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

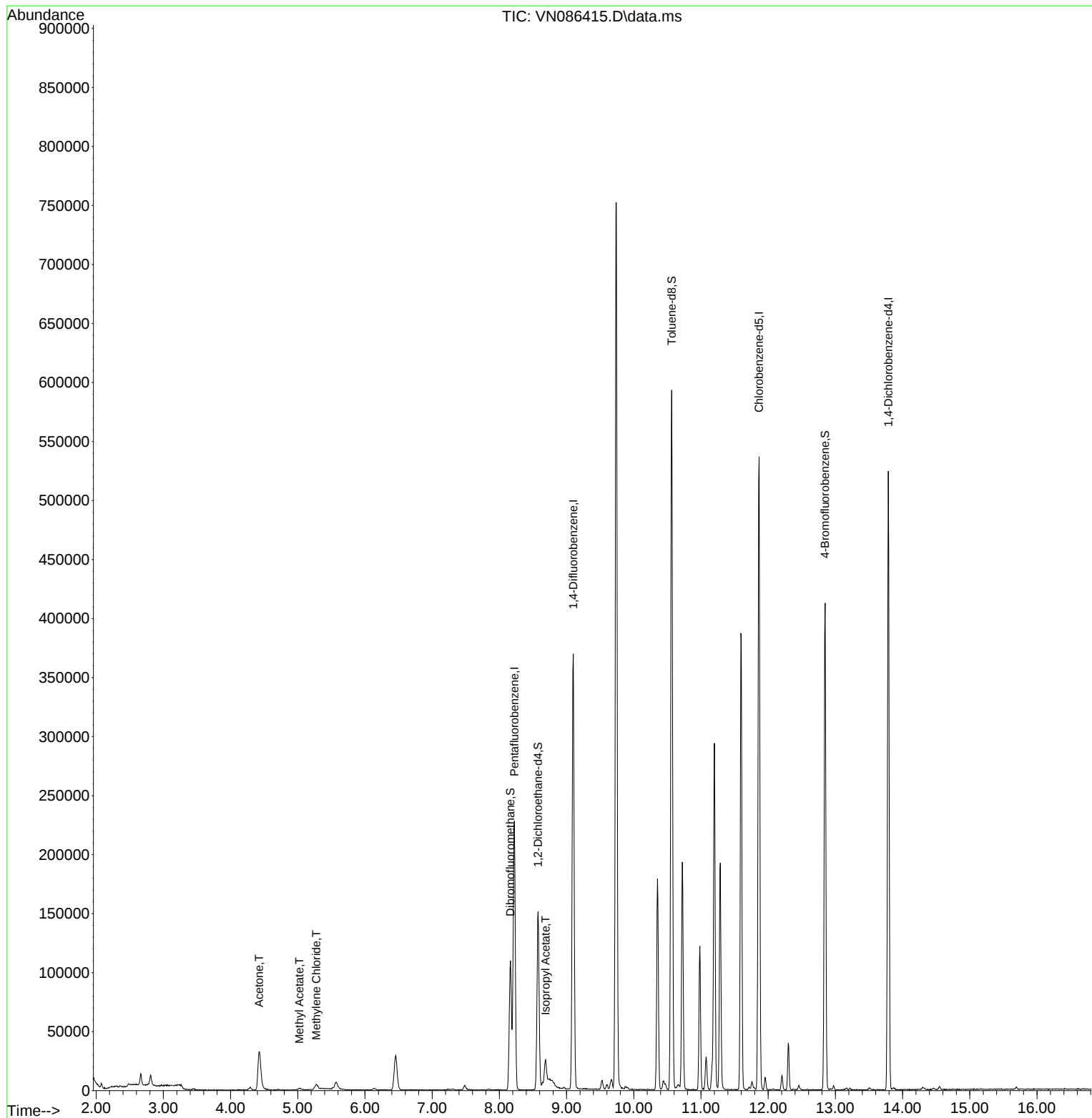
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
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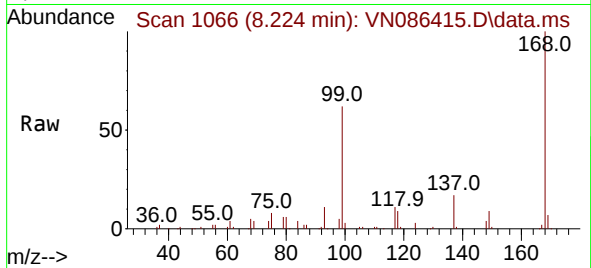
Quant Time: Apr 29 01:56:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086415.D
Acq: 28 Apr 2025 16:45

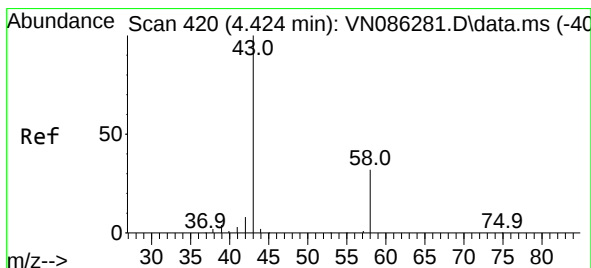
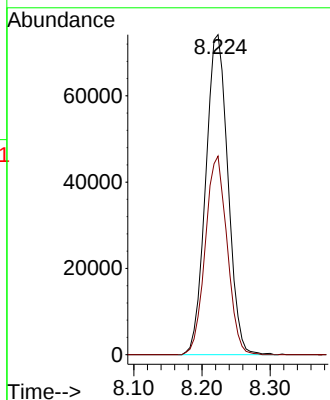
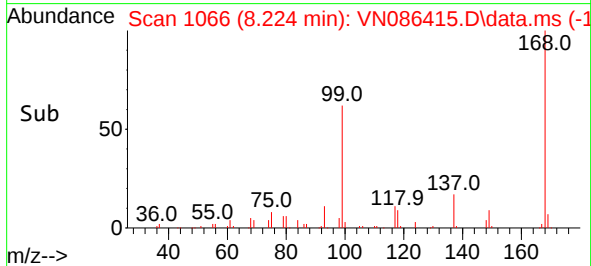
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#12



Tgt Ion:168 Resp: 16837
Ion Ratio Lower Upper
168 100
99 62.0 52.5 78.7

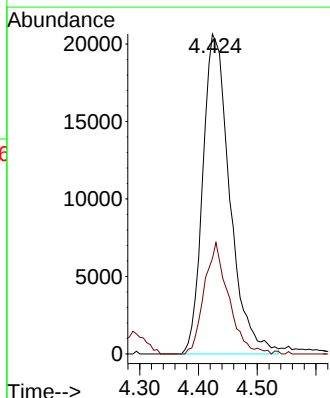
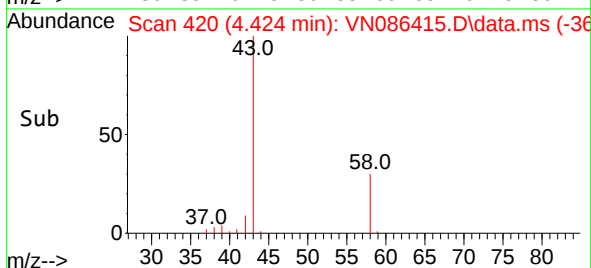
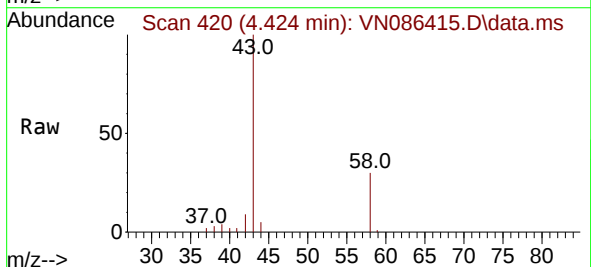
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#16
Acetone
Concen: 74.059 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086415.D
Acq: 28 Apr 2025 16:45

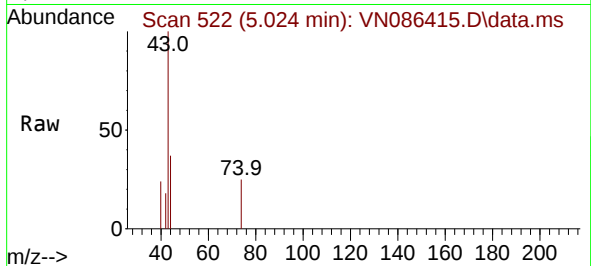
Tgt Ion: 43 Resp: 65907
Ion Ratio Lower Upper
43 100
58 29.8 25.3 37.9





#18
Methyl Acetate
Concen: 1.283 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086415.D
Acq: 28 Apr 2025 16:45

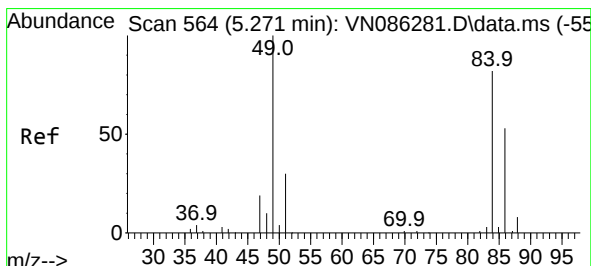
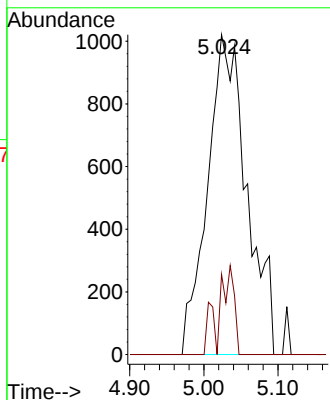
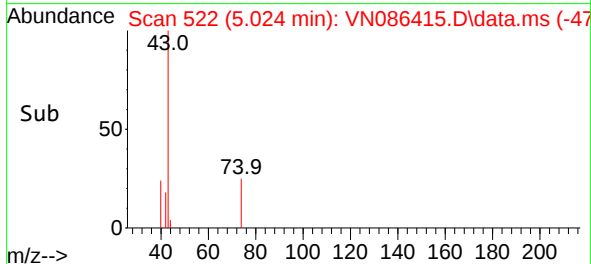
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#12



Tgt Ion: 43 Resp: 3760
Ion Ratio Lower Upper
43 100
74 8.4 19.8 29.6

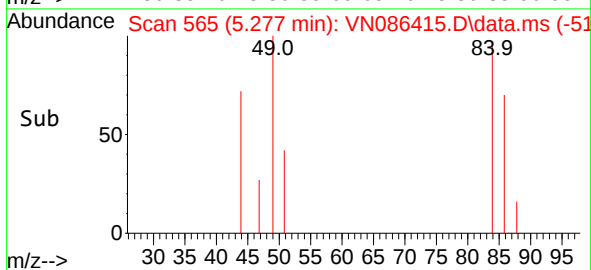
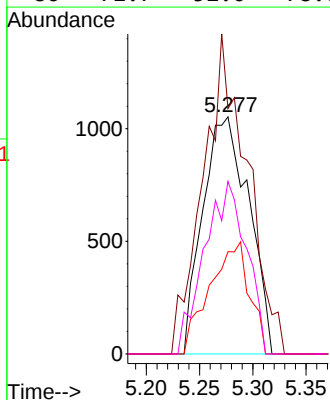
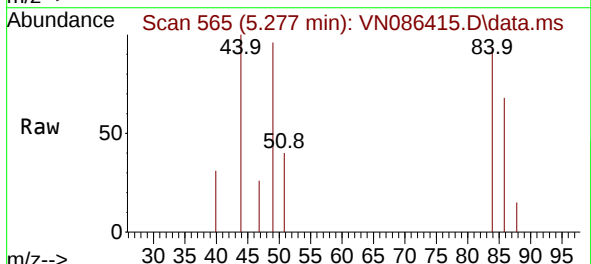
Manual Integrations
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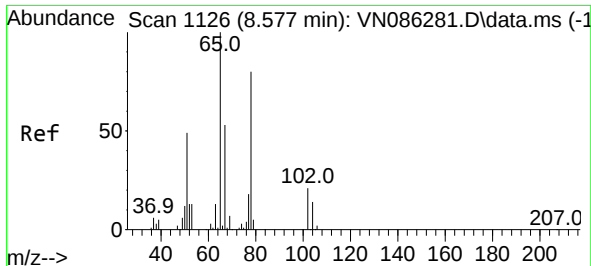
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#20
Methylene Chloride
Concen: 1.404 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086415.D
Acq: 28 Apr 2025 16:45

Tgt Ion: 84 Resp: 3169
Ion Ratio Lower Upper
84 100
49 85.8 98.2 147.2#
51 43.1 29.8 44.6
86 72.7 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 50.451 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086415.D

Acq: 28 Apr 2025 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#12

Tgt Ion: 65 Resp: 123180

Ion Ratio Lower Upper

65 100

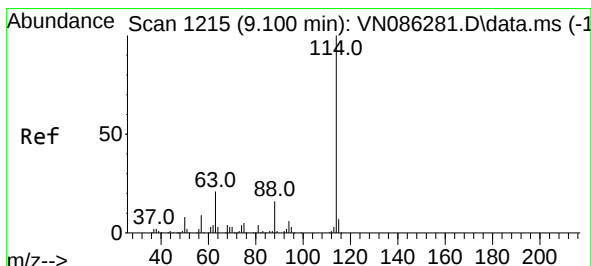
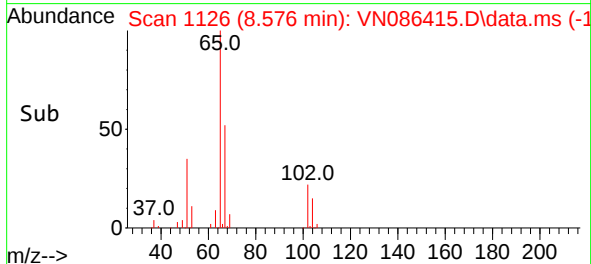
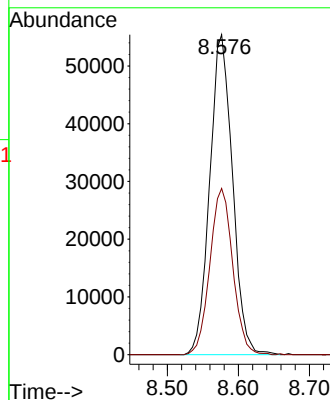
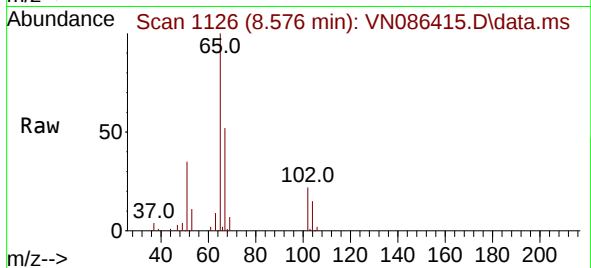
67 52.2 0.0 106.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086415.D

Acq: 28 Apr 2025 16:45

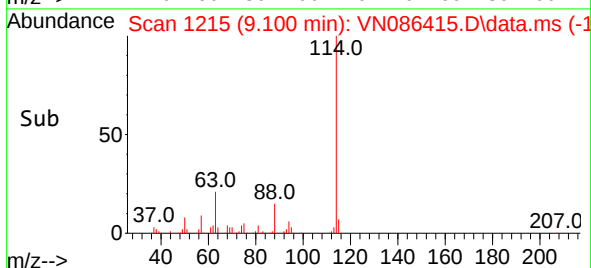
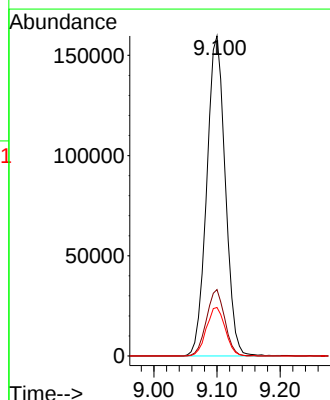
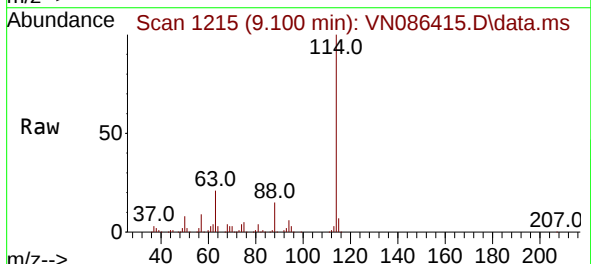
Tgt Ion:114 Resp: 325577

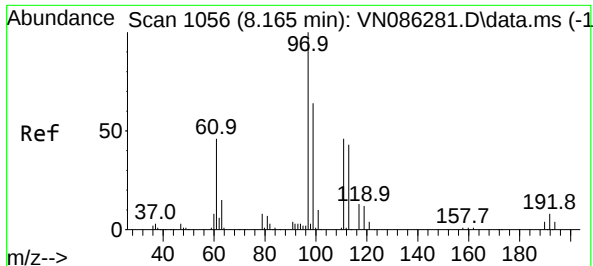
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.639 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN086415.D

Acq: 28 Apr 2025 16:45

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#12

Tgt Ion: 113 Resp: 8105

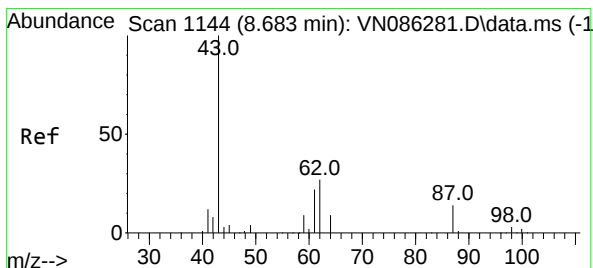
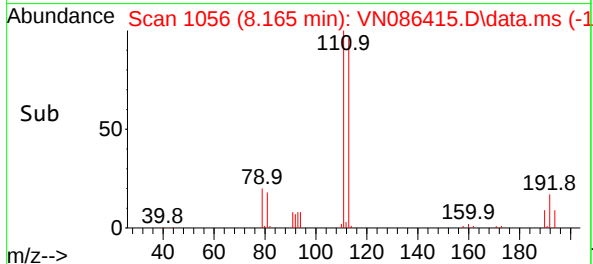
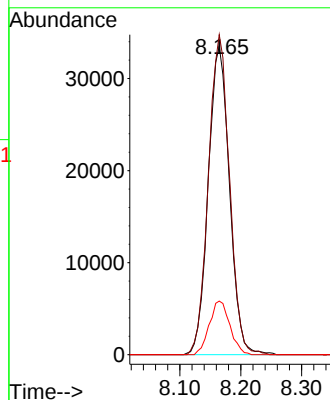
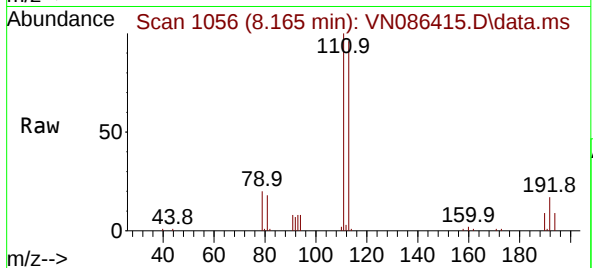
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.0
192	16.8	13.7	20.5

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#43

Isopropyl Acetate

Concen: 3.580 ug/l m

RT: 8.688 min Scan# 1145

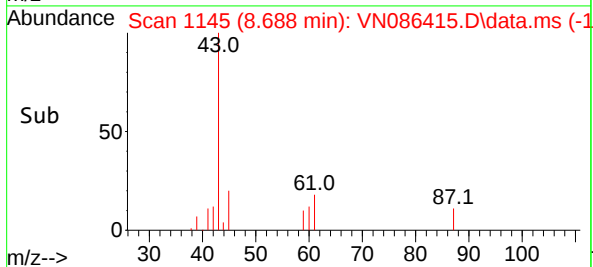
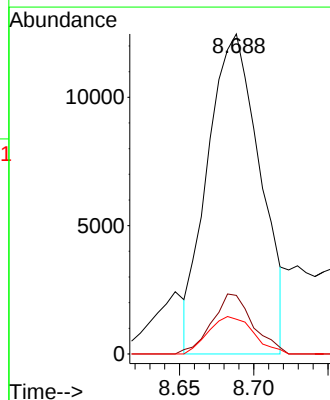
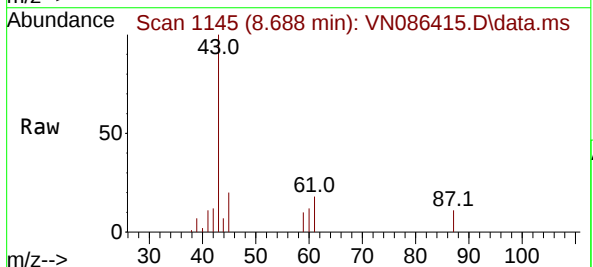
Delta R.T. 0.005 min

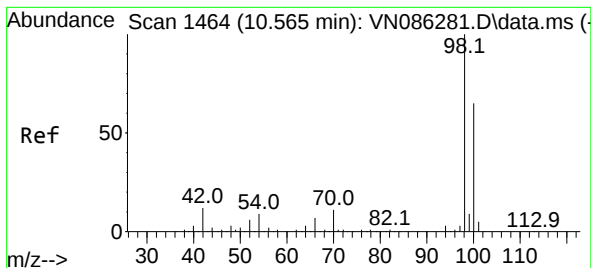
Lab File: VN086415.D

Acq: 28 Apr 2025 16:45

Tgt Ion: 43 Resp: 30674

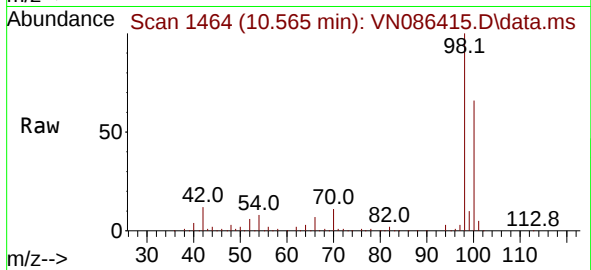
Ion	Ratio	Lower	Upper
43	100		
61	14.6	20.5	30.7#
87	10.0	10.5	15.7#





#50
Toluene-d8
Concen: 51.790 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086415.D
Acq: 28 Apr 2025 16:45

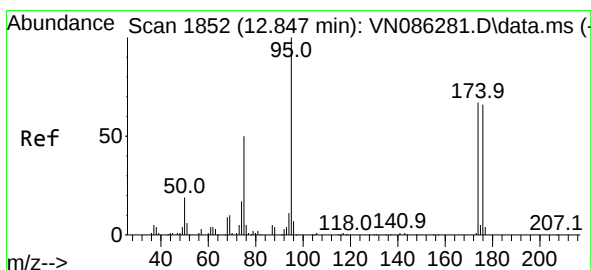
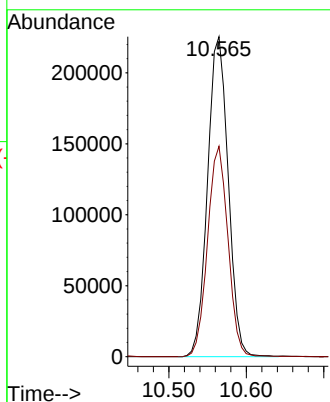
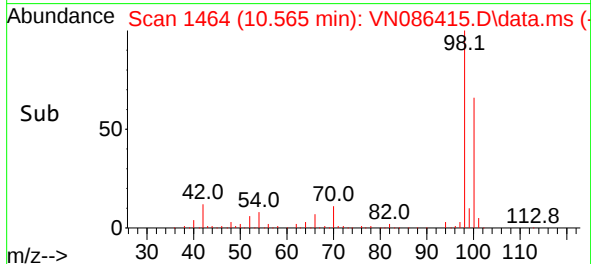
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#12



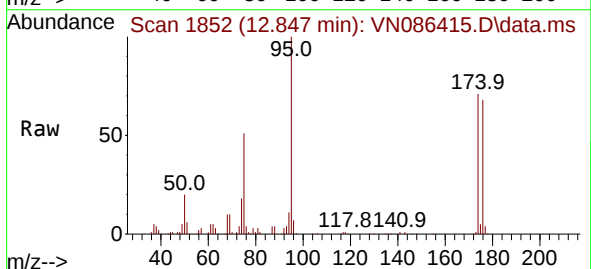
Tgt Ion: 98 Resp: 41824
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

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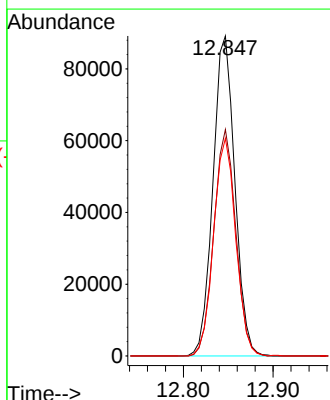
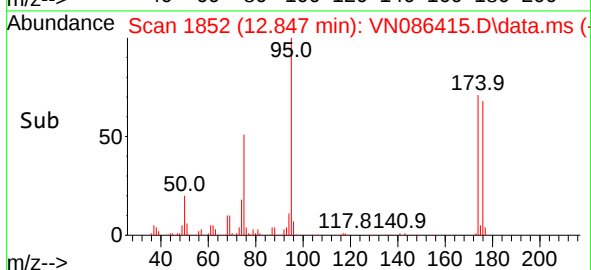
Reviewed By :John Carlone 04/29/2025
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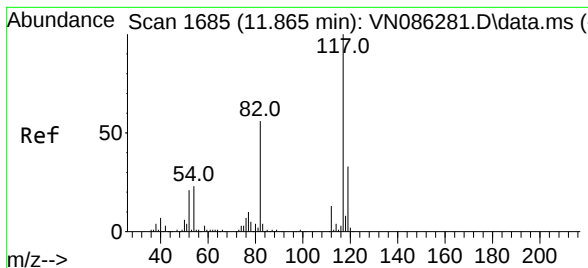


#62
4-Bromofluorobenzene
Concen: 51.278 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086415.D
Acq: 28 Apr 2025 16:45



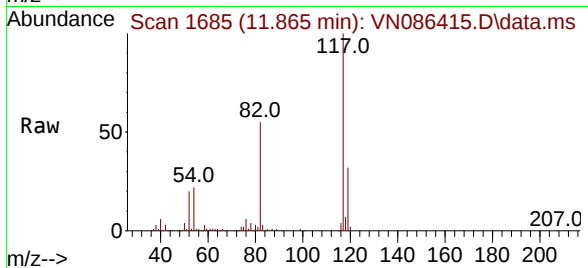
Tgt Ion: 95 Resp: 151042
Ion Ratio Lower Upper
95 100
174 70.9 0.0 133.4
176 68.9 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086415.D
Acq: 28 Apr 2025 16:45

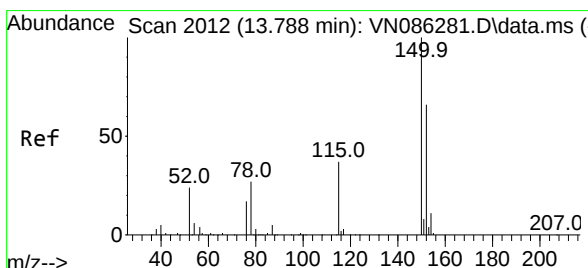
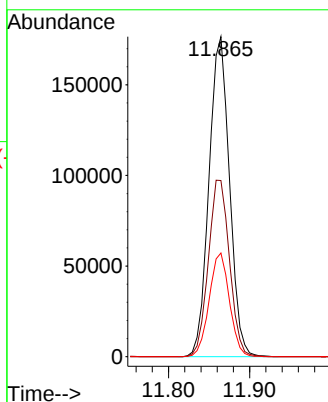
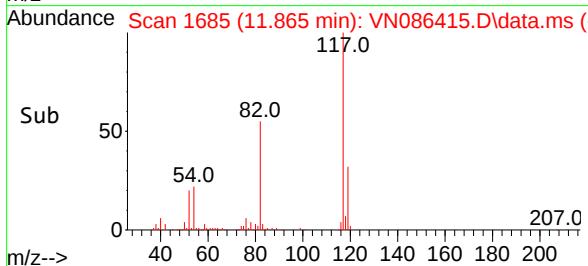
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PB167744ZHE#12



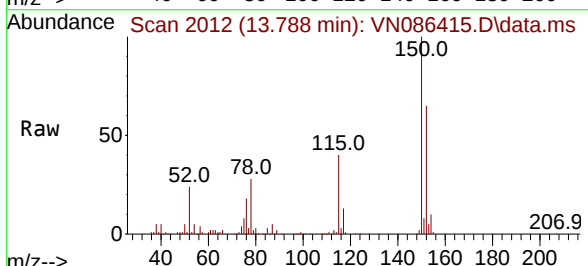
Tgt Ion:117 Resp: 309788
Ion Ratio Lower Upper
117 100
82 55.1 44.7 67.1
119 32.4 26.4 39.6

Manual Integrations
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Supervised By :Semsettin Yesilyurt 04/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086415.D
Acq: 28 Apr 2025 16:45



Tgt Ion:152 Resp: 138979
Ion Ratio Lower Upper
152 100
115 61.9 31.9 95.9
150 156.5 0.0 352.0

