

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086421.D
 Acq On : 29 Apr 2025 02:56
 Operator : JC\MD
 Sample : PB167744ZHE#18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#18

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 03:42:10 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	8.218	168	182705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	346629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	329038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131295	49.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.120%		
35) Dibromofluoromethane	8.165	113	89362	55.547	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.100%		
50) Toluene-d8	10.565	98	443263	51.555	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.100%		
62) 4-Bromofluorobenzene	12.847	95	157699	50.286	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.580%		
Target Compounds						
16) Acetone	4.430	43	63785	65.420	ug/l	99
18) Methyl Acetate	5.030	43	3516	1.106	ug/l #	79
20) Methylene Chloride	5.283	84	6424	2.623	ug/l	86
43) Isopropyl Acetate	8.688	43	35528m	4.061	ug/l	

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

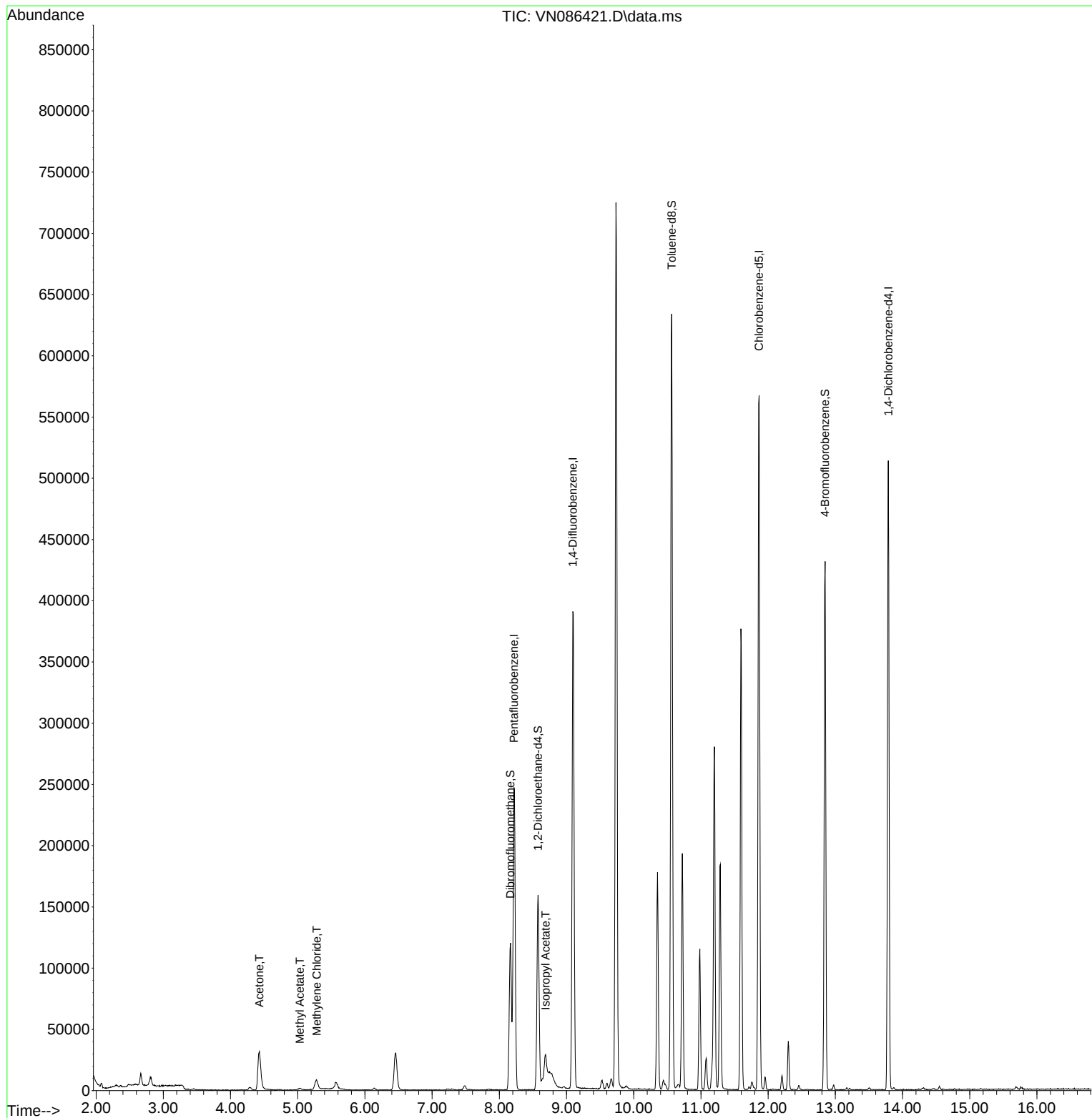
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
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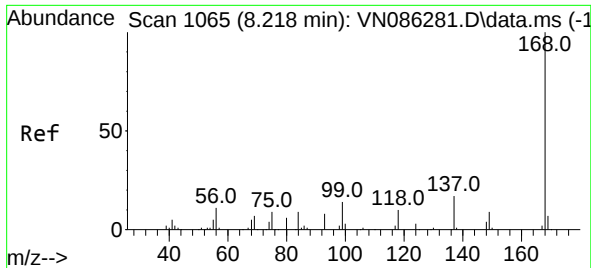
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Quant Time: Apr 29 03:42:10 2025
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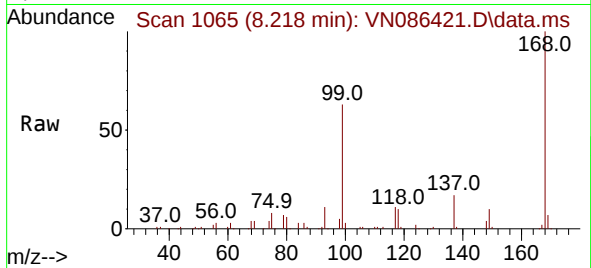
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086421.D
Acq: 29 Apr 2025 02:56

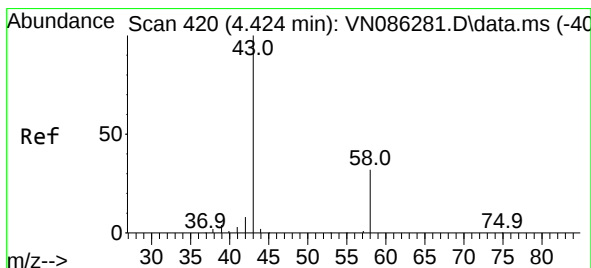
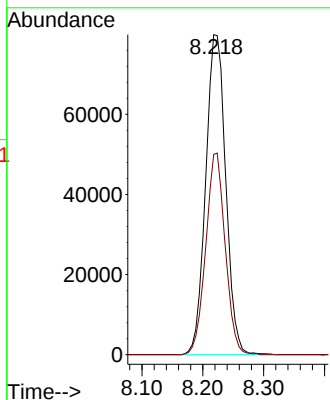
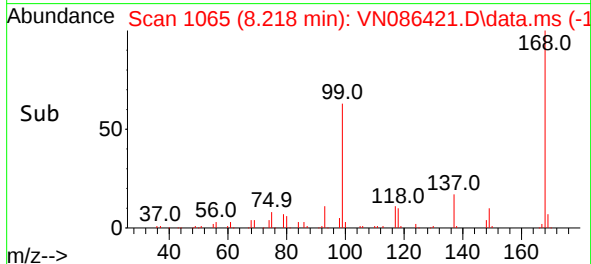
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#18



Tgt Ion:168 Resp: 18270
Ion Ratio Lower Upper
168 100
99 62.6 52.5 78.7

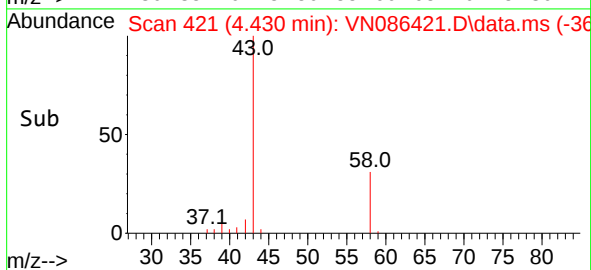
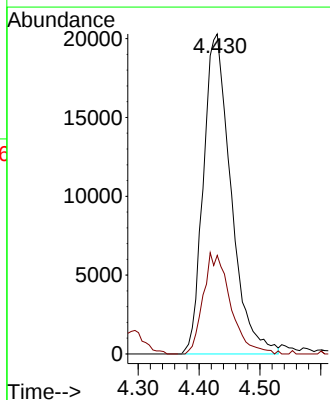
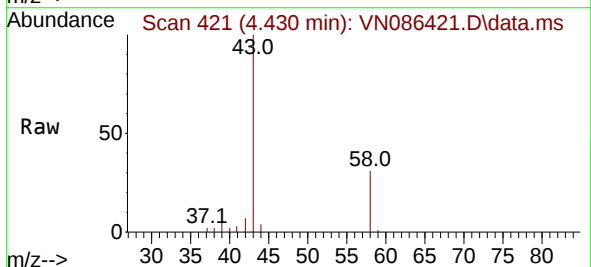
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#16
Acetone
Concen: 65.420 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086421.D
Acq: 29 Apr 2025 02:56

Tgt Ion: 43 Resp: 63785
Ion Ratio Lower Upper
43 100
58 30.8 25.3 37.9





#18

Methyl Acetate

Concen: 1.106 ug/l

RT: 5.030 min Scan# 510

Delta R.T. 0.012 min

Lab File: VN086421.D

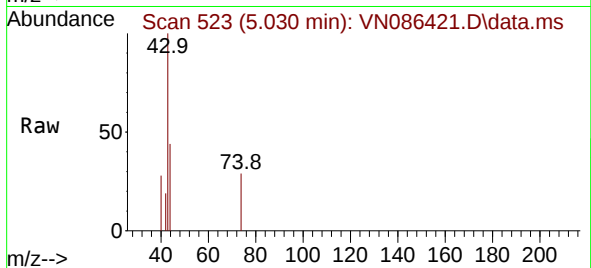
Acq: 29 Apr 2025 02:56

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#18



Tgt Ion: 43 Resp: 3510

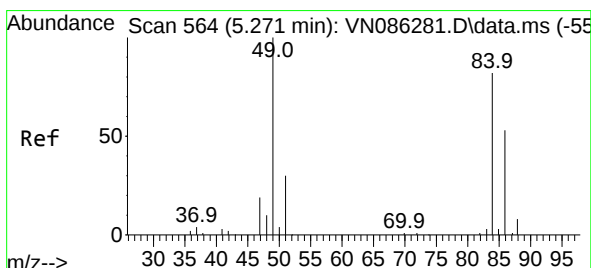
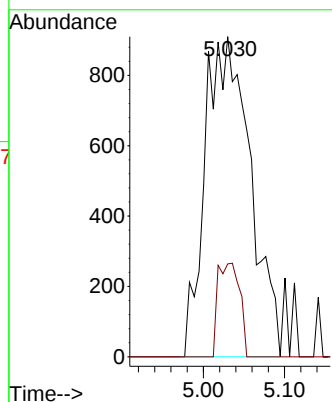
Ion	Ratio	Lower	Upper
43	100		
74	14.2	19.8	29.6

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#20

Methylene Chloride

Concen: 2.623 ug/l

RT: 5.283 min Scan# 566

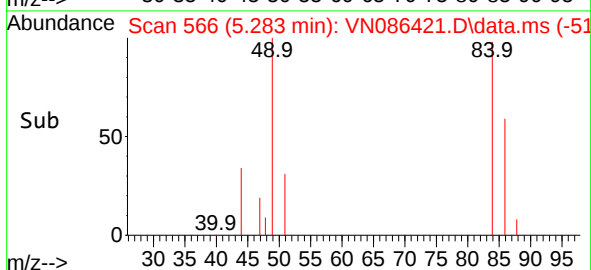
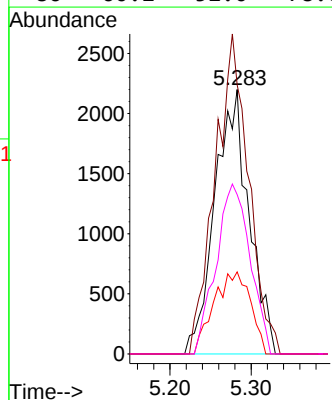
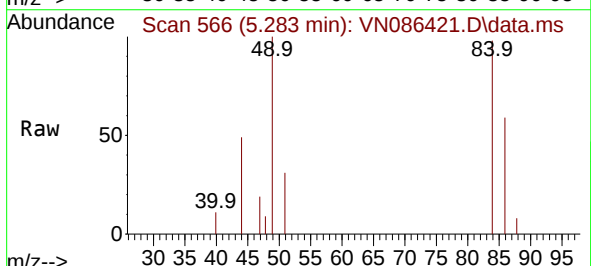
Delta R.T. 0.012 min

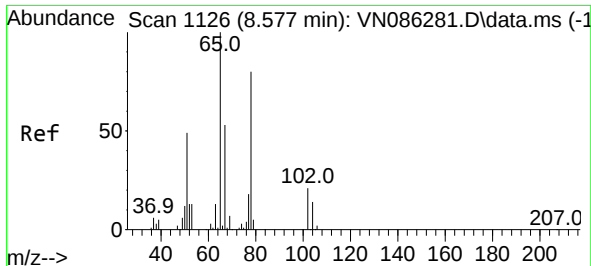
Lab File: VN086421.D

Acq: 29 Apr 2025 02:56

Tgt Ion: 84 Resp: 6424

Ion	Ratio	Lower	Upper
84	100		
49	101.8	98.2	147.2
51	31.0	29.8	44.6
86	60.2	52.0	78.0





#33

1,2-Dichloroethane-d4

Concen: 49.557 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086421.D

Acq: 29 Apr 2025 02:56

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#18

Tgt Ion: 65 Resp: 13129

Ion Ratio Lower Upper

65 100

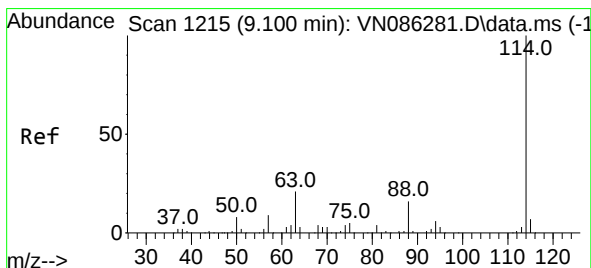
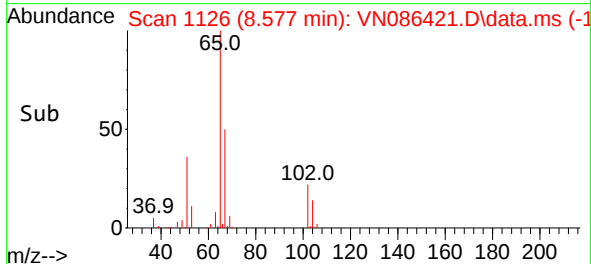
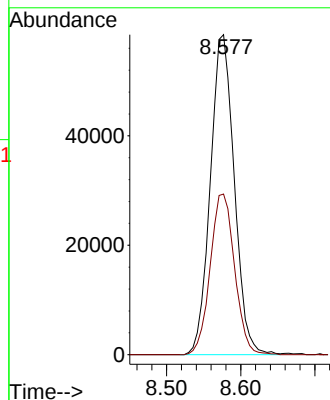
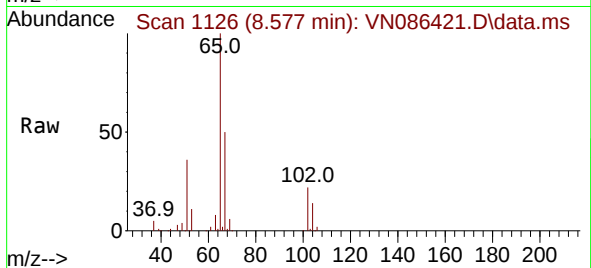
67 51.2 0.0 106.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086421.D

Acq: 29 Apr 2025 02:56

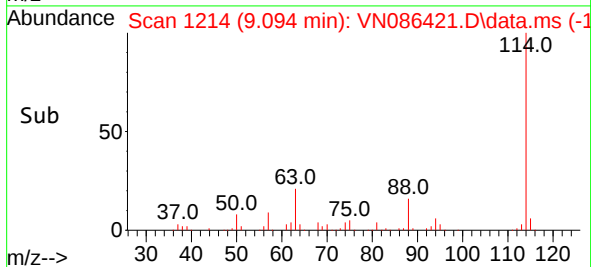
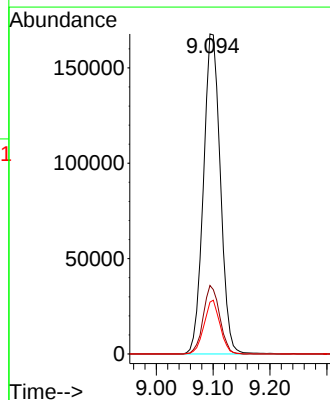
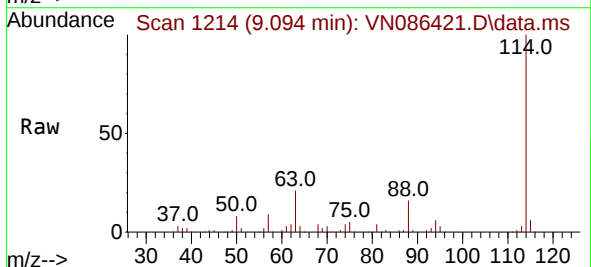
Tgt Ion:114 Resp: 346629

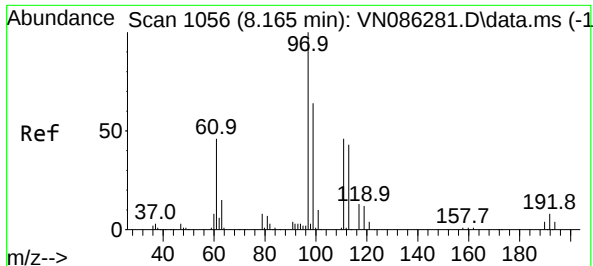
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

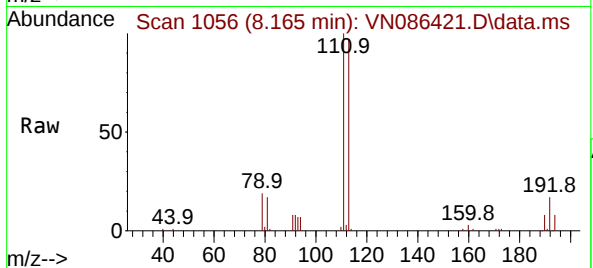
88 16.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 55.547 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086421.D
Acq: 29 Apr 2025 02:56

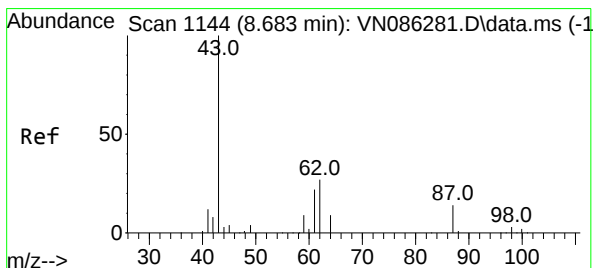
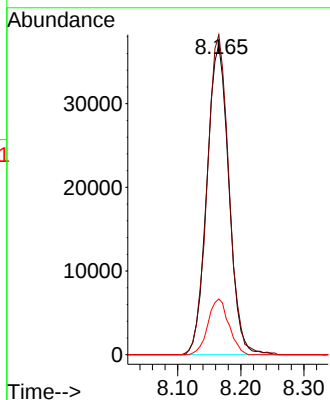
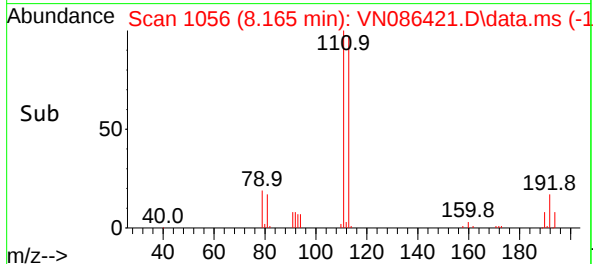
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ClientSampleId :
PB167744ZHE#18



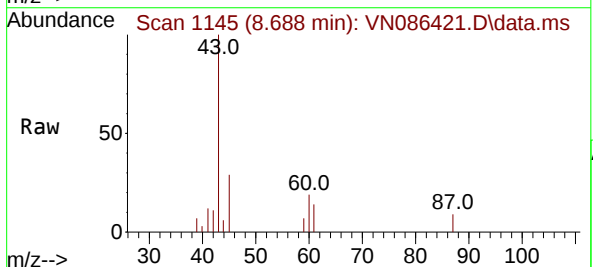
Tgt Ion: 113 Resp: 89362
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.0
192 17.0 13.7 20.5

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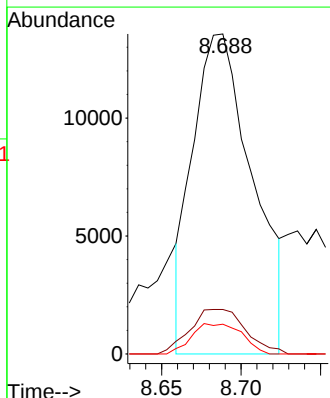
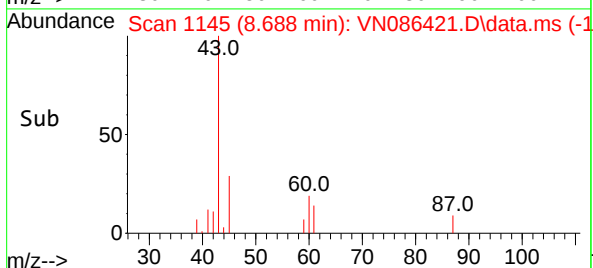
Reviewed By :John Carlone 04/29/2025
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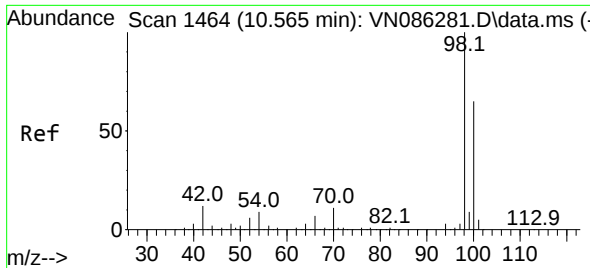


#43
Isopropyl Acetate
Concen: 4.061 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086421.D
Acq: 29 Apr 2025 02:56



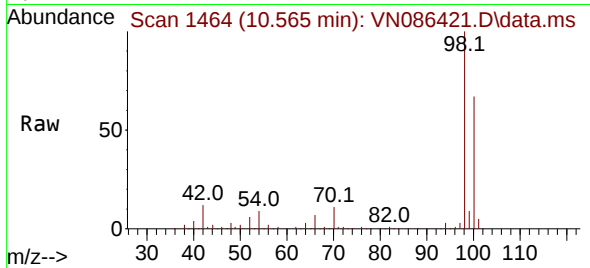
Tgt Ion: 43 Resp: 35528
Ion Ratio Lower Upper
43 100
61 13.0 20.5 30.7#
87 7.9 10.5 15.7#





#50
Toluene-d8
Concen: 51.555 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086421.D
Acq: 29 Apr 2025 02:56

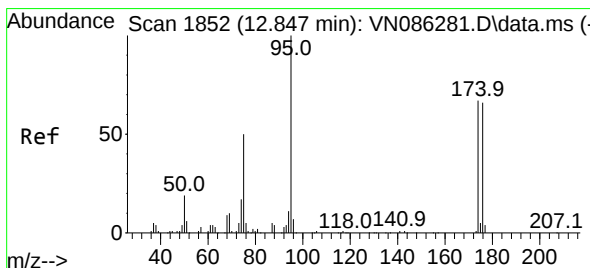
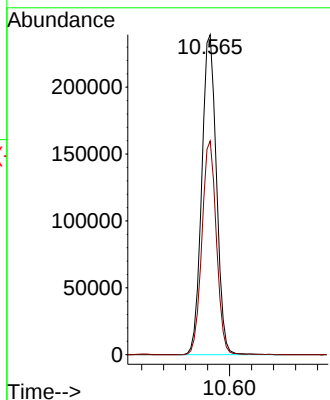
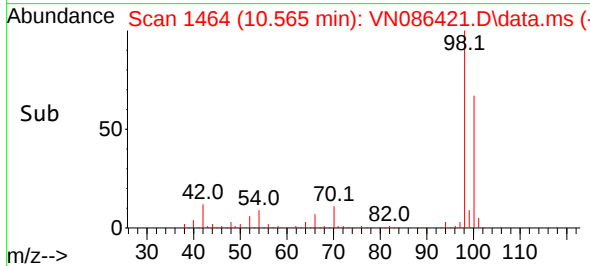
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PB167744ZHE#18



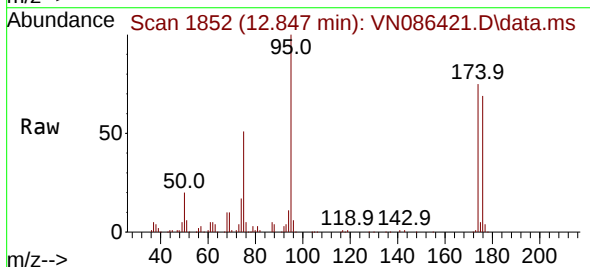
Tgt Ion: 98 Resp: 443263
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

Manual Integrations
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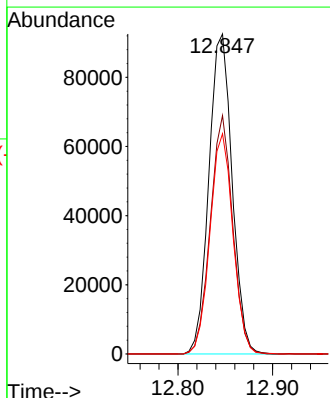
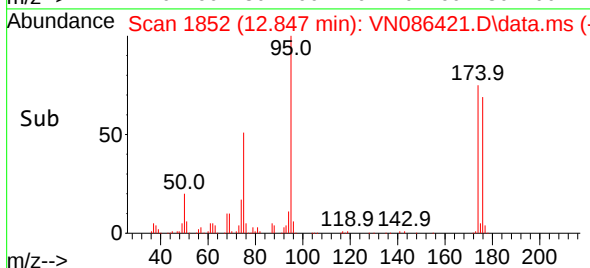
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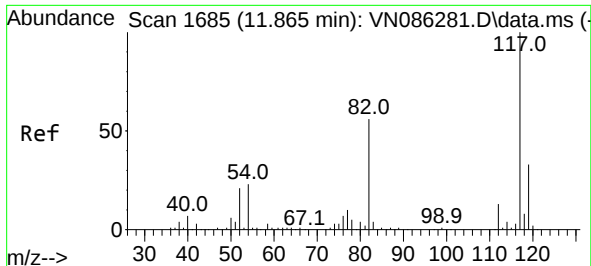


#62
4-Bromofluorobenzene
Concen: 50.286 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086421.D
Acq: 29 Apr 2025 02:56



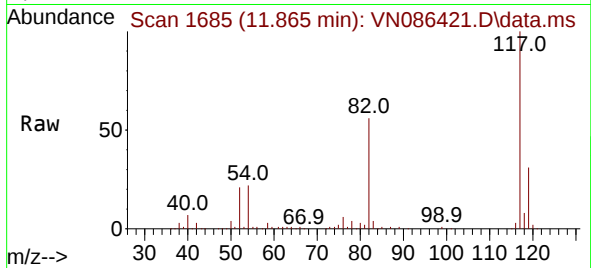
Tgt Ion: 95 Resp: 157699
Ion Ratio Lower Upper
95 100
174 71.8 0.0 133.4
176 68.2 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086421.D
Acq: 29 Apr 2025 02:56

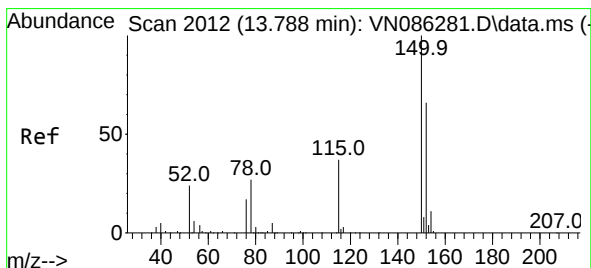
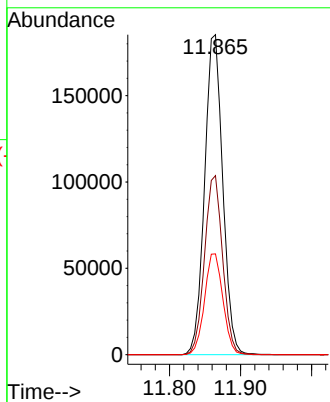
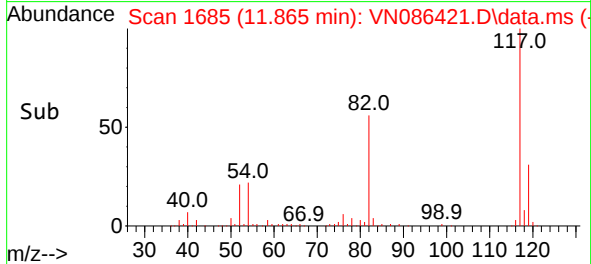
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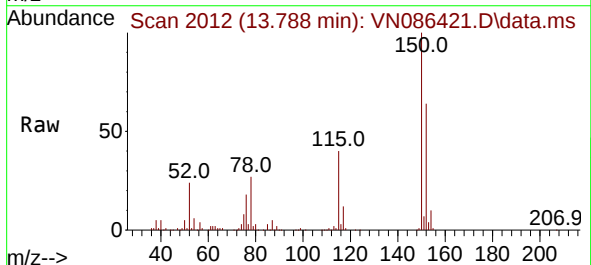
Tgt Ion:117 Resp: 329038
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 31.5 26.4 39.6

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: VN086421.D
Acq: 29 Apr 2025 02:56



Tgt Ion:152 Resp: 138306
Ion Ratio Lower Upper
152 100
115 61.6 31.9 95.9
150 157.9 0.0 352.0

