

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086420.D
 Acq On : 29 Apr 2025 02:32
 Operator : JC\MD
 Sample : PB167744ZHE#17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#17

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 03:41:44 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	180386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	340406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	316413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126509	48.364	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.720%		
35) Dibromofluoromethane	8.159	113	86080	54.486	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.980%		
50) Toluene-d8	10.565	98	433539	51.345	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.700%		
62) 4-Bromofluorobenzene	12.847	95	149441	48.524	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.040%		
Target Compounds						
16) Acetone	4.424	43	61528	63.783	ug/l	97
18) Methyl Acetate	5.024	43	3485	1.110	ug/l #	74
20) Methylene Chloride	5.271	84	5723	2.367	ug/l	87
43) Isopropyl Acetate	8.688	43	40043m	4.940	ug/l	

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

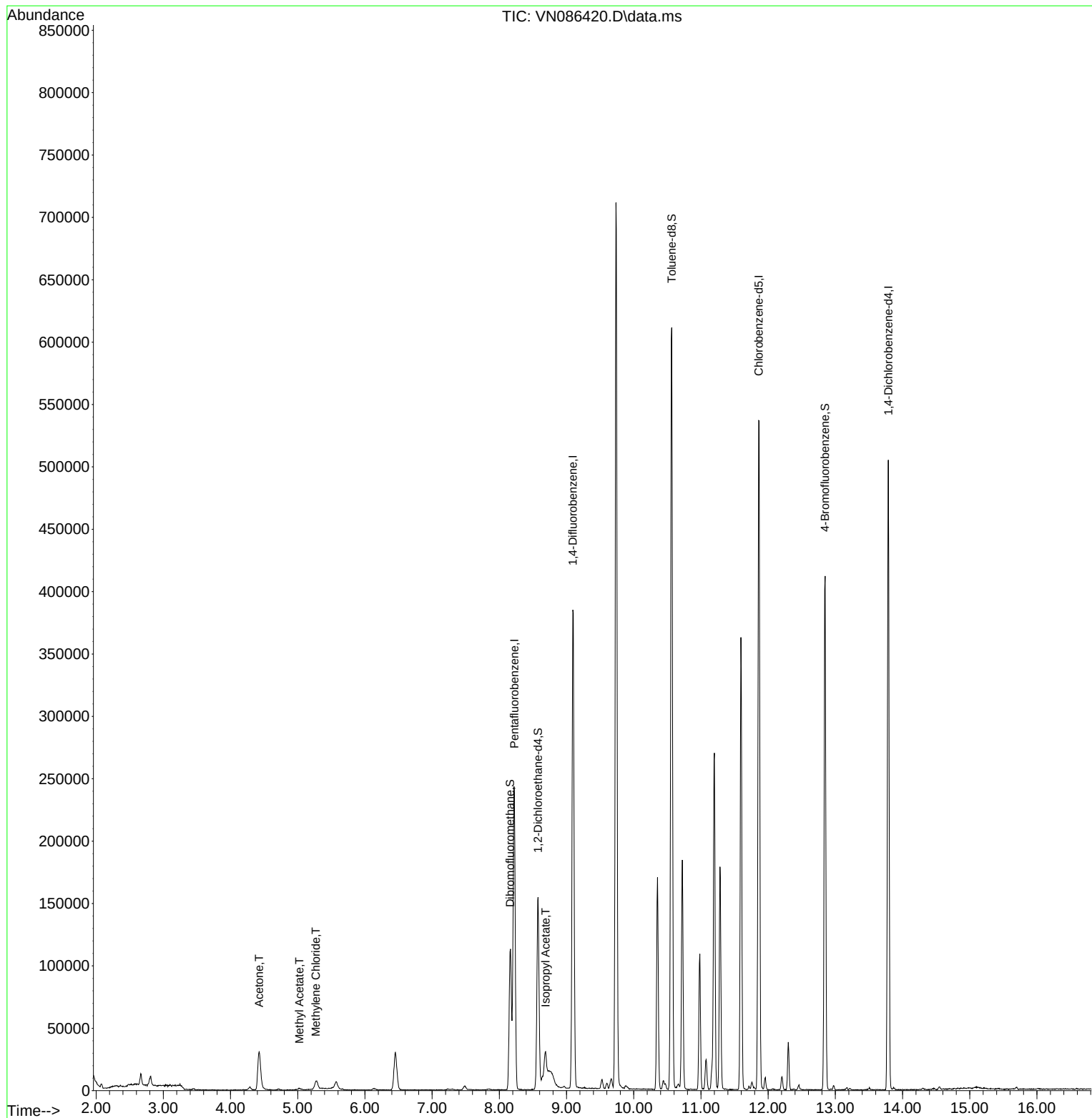
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
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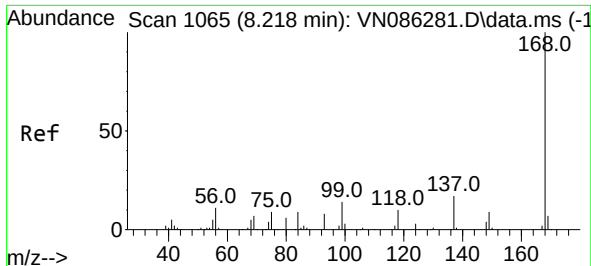
Instrument :
MSVOA_N
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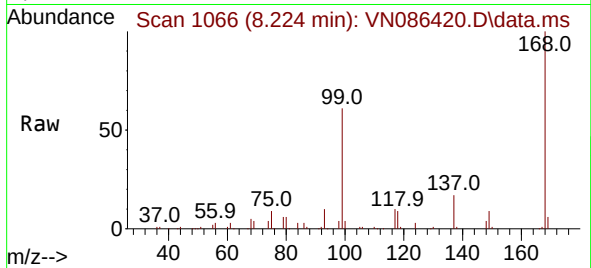
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086420.D
Acq: 29 Apr 2025 02:32

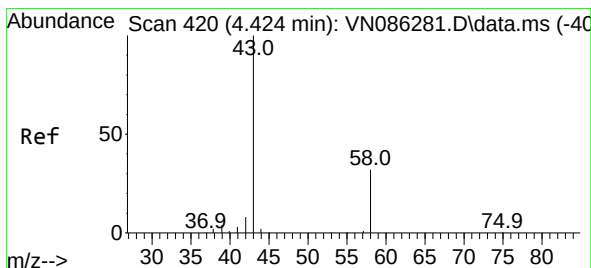
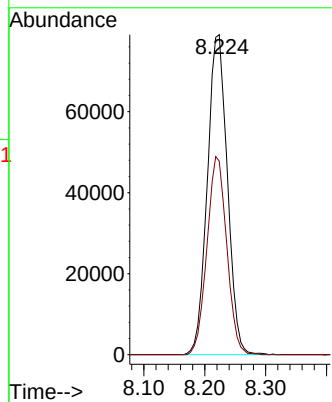
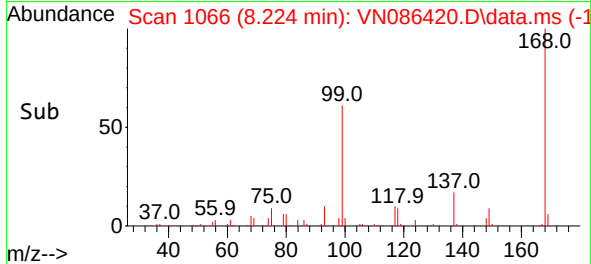
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#17



Tgt Ion:168 Resp: 180380
Ion Ratio Lower Upper
168 100
99 60.5 52.5 78.7

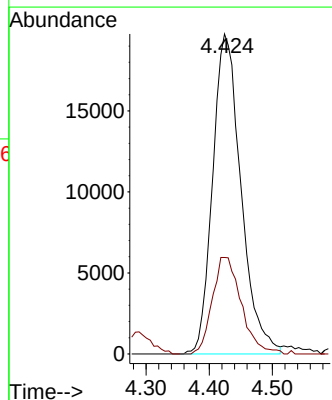
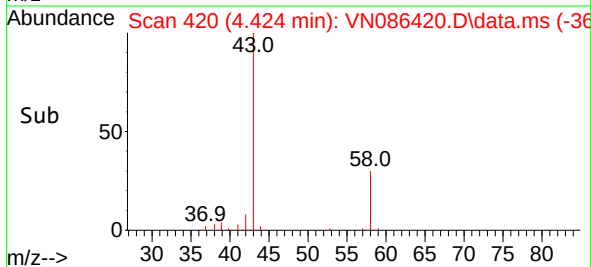
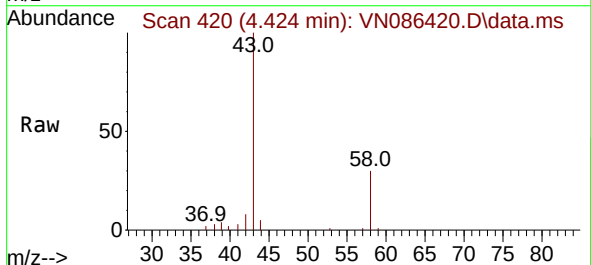
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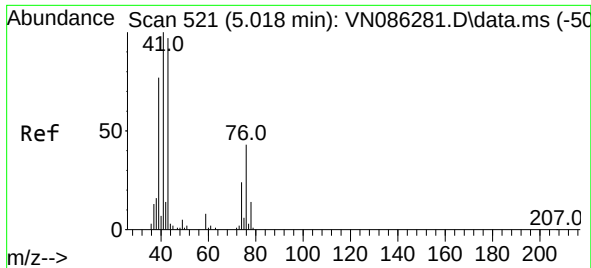
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#16
Acetone
Concen: 63.783 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086420.D
Acq: 29 Apr 2025 02:32

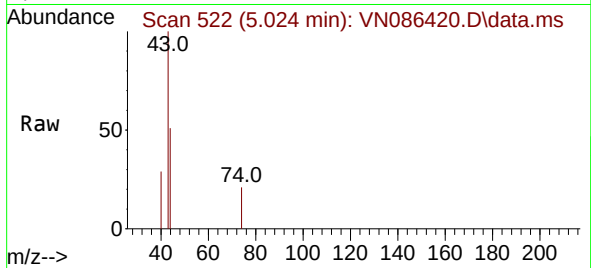
Tgt Ion: 43 Resp: 61528
Ion Ratio Lower Upper
43 100
58 30.2 25.3 37.9





#18
Methyl Acetate
Concen: 1.110 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086420.D
Acq: 29 Apr 2025 02:32

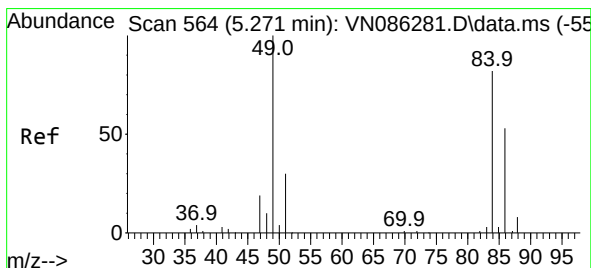
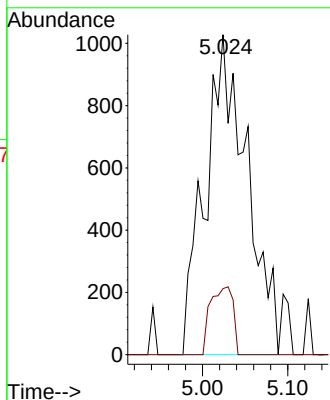
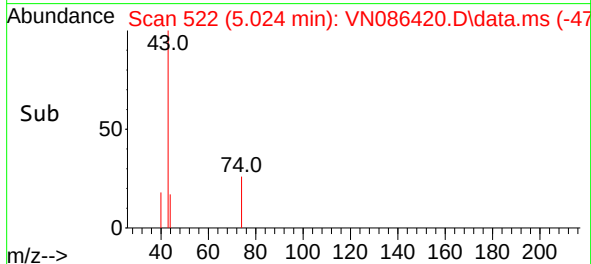
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#17



Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
74 11.5 19.8 29.6

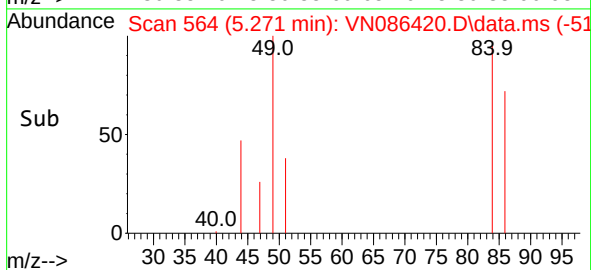
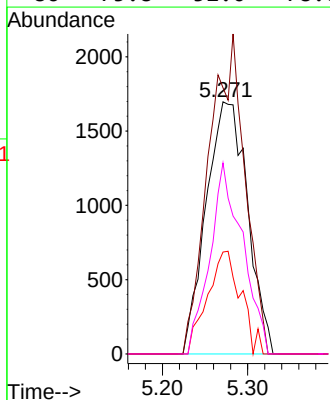
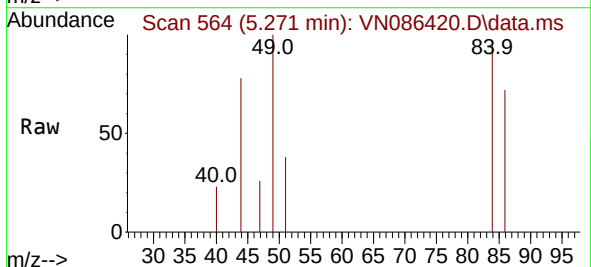
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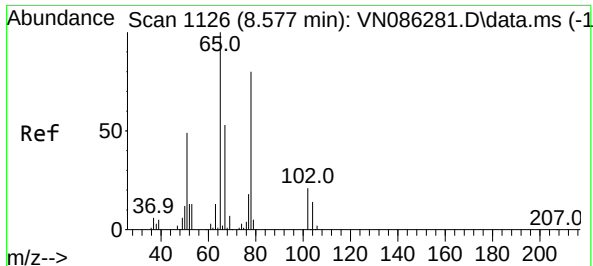
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#20
Methylene Chloride
Concen: 2.367 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086420.D
Acq: 29 Apr 2025 02:32

Tgt Ion: 84 Resp: 5723
Ion Ratio Lower Upper
84 100
49 105.6 98.2 147.2
51 40.4 29.8 44.6
86 75.8 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 48.364 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086420.D

Acq: 29 Apr 2025 02:32

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#17

Tgt Ion: 65 Resp: 126509

Ion Ratio Lower Upper

65 100

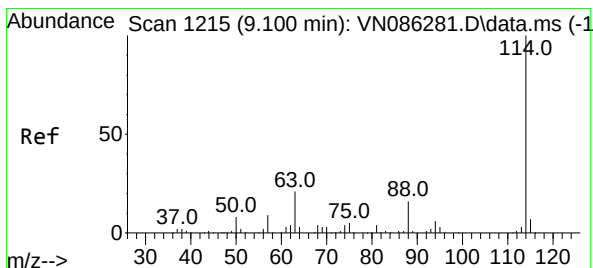
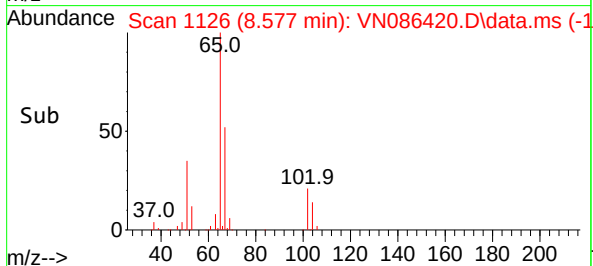
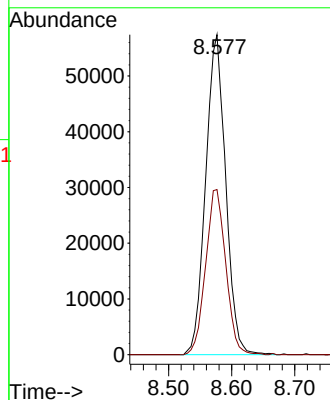
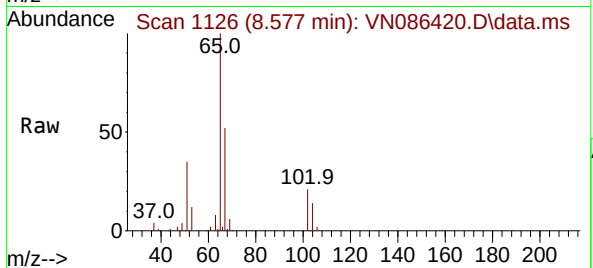
67 52.0 0.0 106.0

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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: VN086420.D

Acq: 29 Apr 2025 02:32

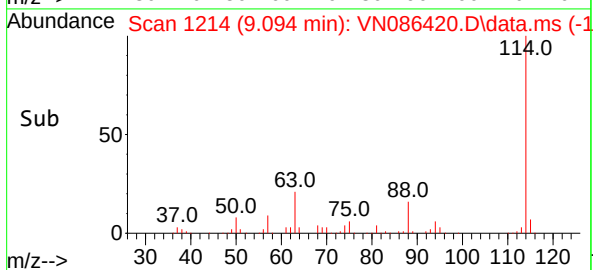
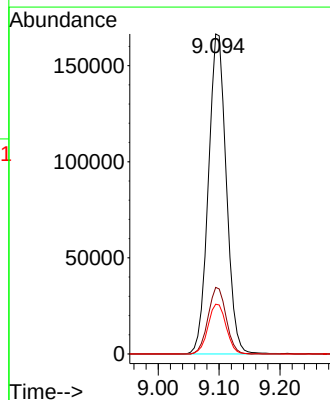
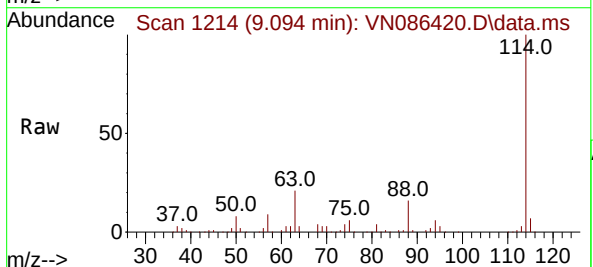
Tgt Ion:114 Resp: 340406

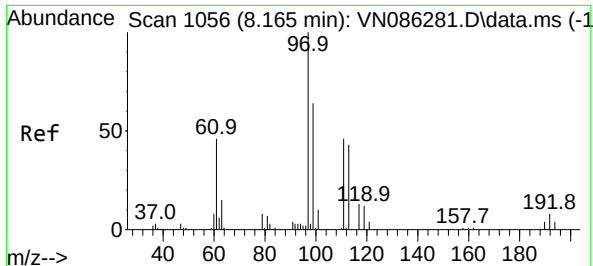
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.486 ug/l

RT: 8.159 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN086420.D

Acq: 29 Apr 2025 02:32

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#17

Tgt Ion: 113 Resp: 86080

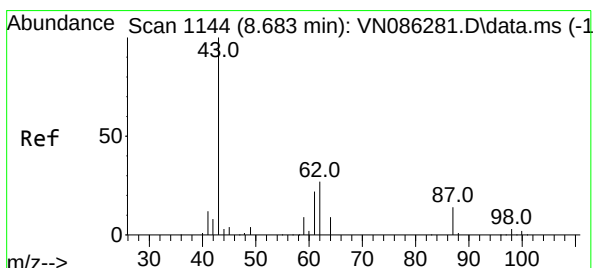
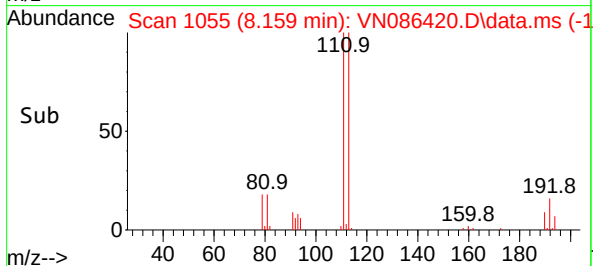
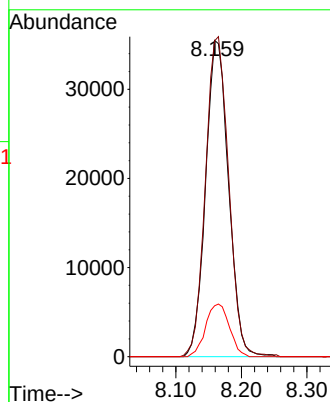
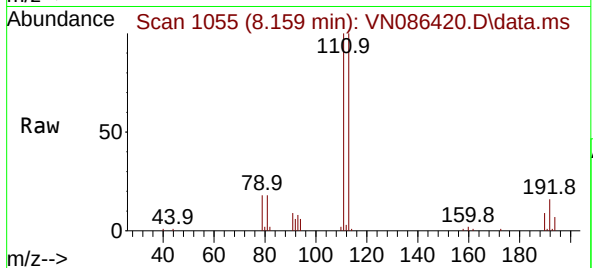
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.0
192	17.3	13.7	20.5

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#43

Isopropyl Acetate

Concen: 4.940 ug/l m

RT: 8.688 min Scan# 1145

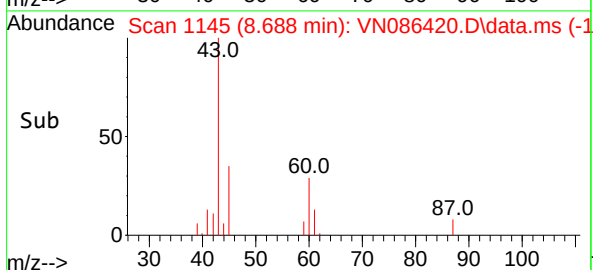
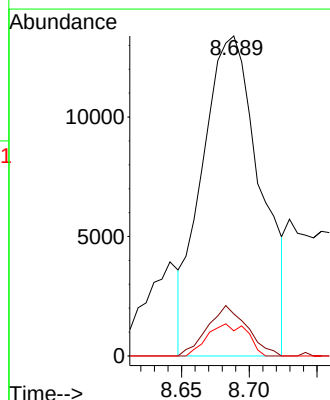
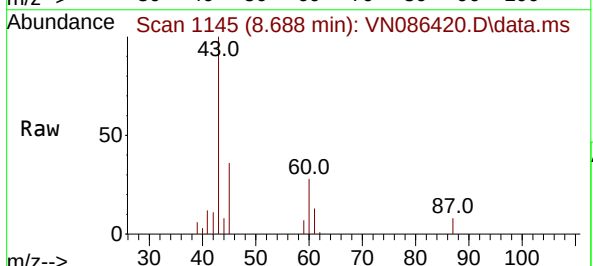
Delta R.T. 0.005 min

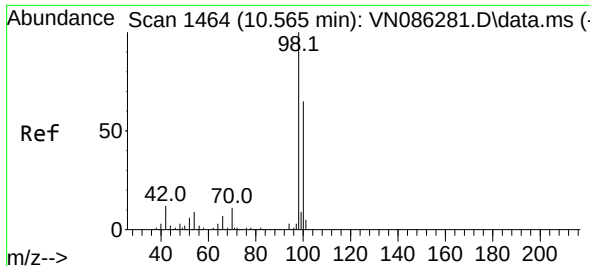
Lab File: VN086420.D

Acq: 29 Apr 2025 02:32

Tgt Ion: 43 Resp: 40043

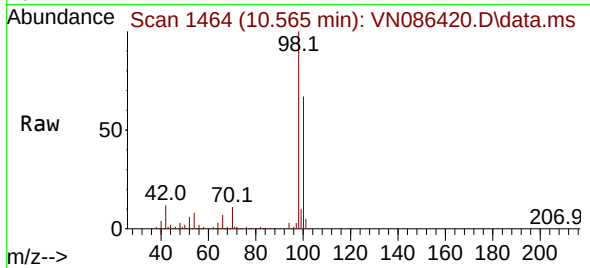
Ion	Ratio	Lower	Upper
43	100		
61	10.7	20.5	30.7#
87	6.9	10.5	15.7#





#50
Toluene-d8
Concen: 51.345 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086420.D
Acq: 29 Apr 2025 02:32

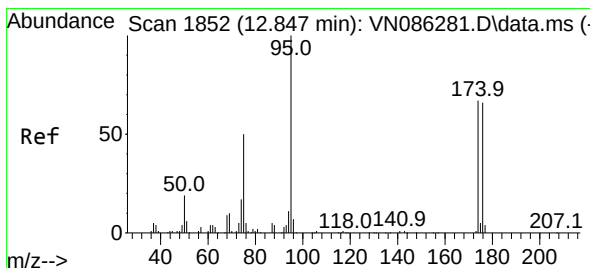
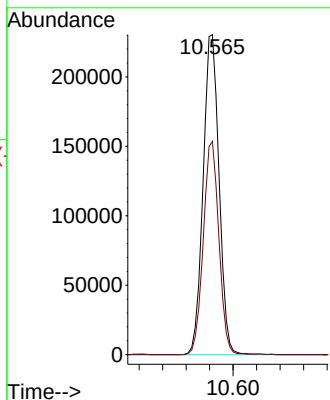
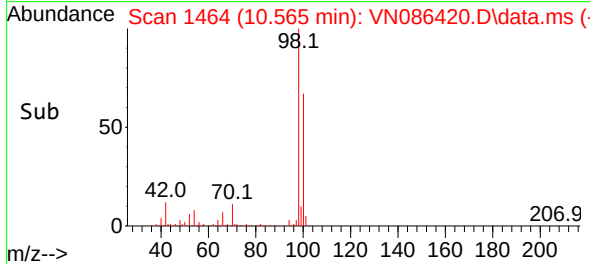
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#17



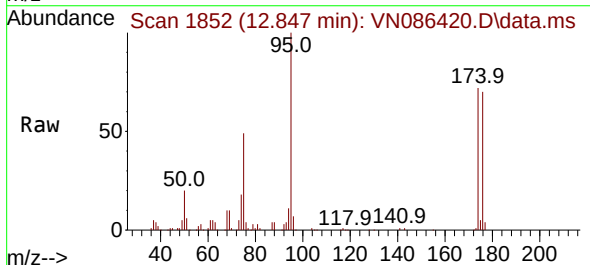
Tgt Ion: 98 Resp: 433539
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

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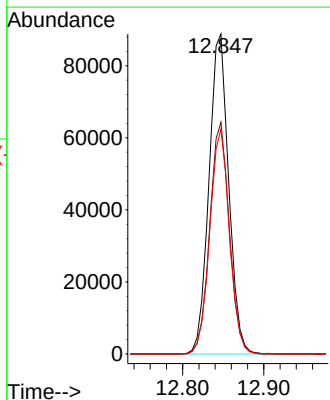
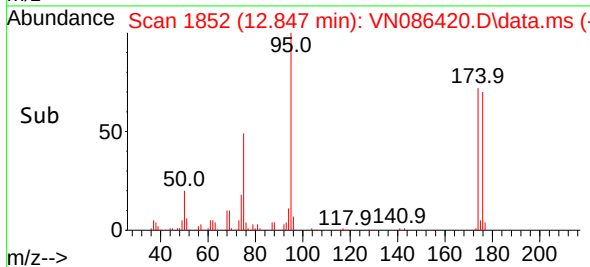
Reviewed By :John Carlone 04/29/2025
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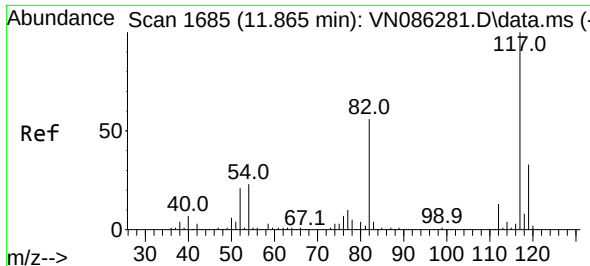


#62
4-Bromofluorobenzene
Concen: 48.524 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086420.D
Acq: 29 Apr 2025 02:32



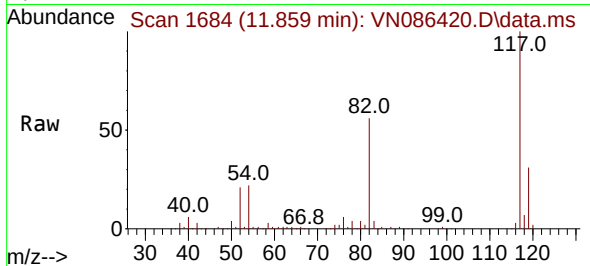
Tgt Ion: 95 Resp: 149441
Ion Ratio Lower Upper
95 100
174 72.3 0.0 133.4
176 69.6 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN086420.D
Acq: 29 Apr 2025 02:32

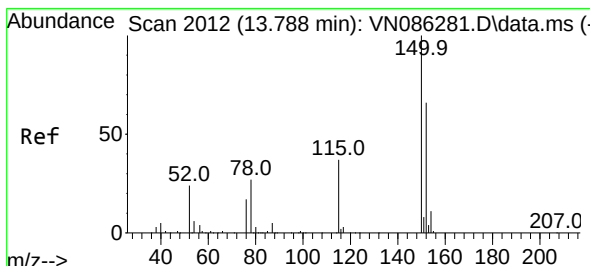
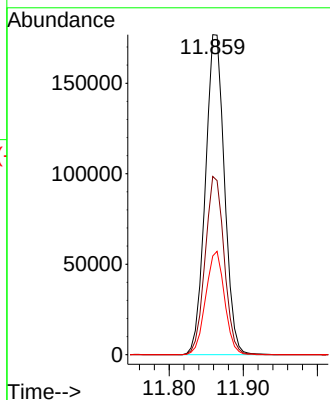
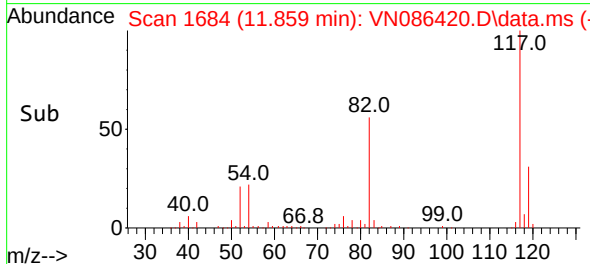
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#17



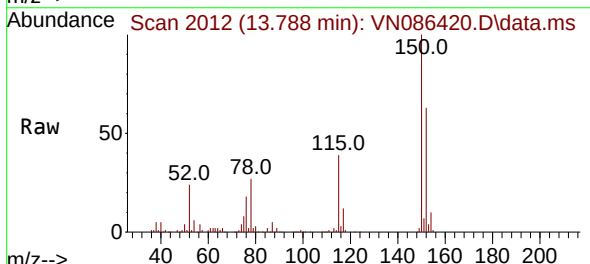
Tgt Ion:117 Resp: 31641
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 30.9 26.4 39.6

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: VN086420.D
Acq: 29 Apr 2025 02:32



Tgt Ion:152 Resp: 134878
Ion Ratio Lower Upper
152 100
115 61.7 31.9 95.9
150 158.5 0.0 352.0

