

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086419.D
 Acq On : 29 Apr 2025 02:08
 Operator : JC\MD
 Sample : PB167744ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#16

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 03:41:18 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	152283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	290751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	112663	51.019	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 102.040%		
35) Dibromofluoromethane	8.165	113	78281	58.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 116.020%		
50) Toluene-d8	10.559	98	365390	50.665	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 101.320%		
62) 4-Bromofluorobenzene	12.841	95	125885	47.856	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 95.720%		
Target Compounds						Qvalue
16) Acetone	4.424	43	62113	77.415	ug/l	98
18) Methyl Acetate	5.024	43	3627	1.368	ug/l #	71
20) Methylene Chloride	5.271	84	4972	2.436	ug/l	93
25) 2-Butanone	7.488	43	7010	5.100	ug/l	99
43) Isopropyl Acetate	8.682	43	42256m	6.551	ug/l	

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

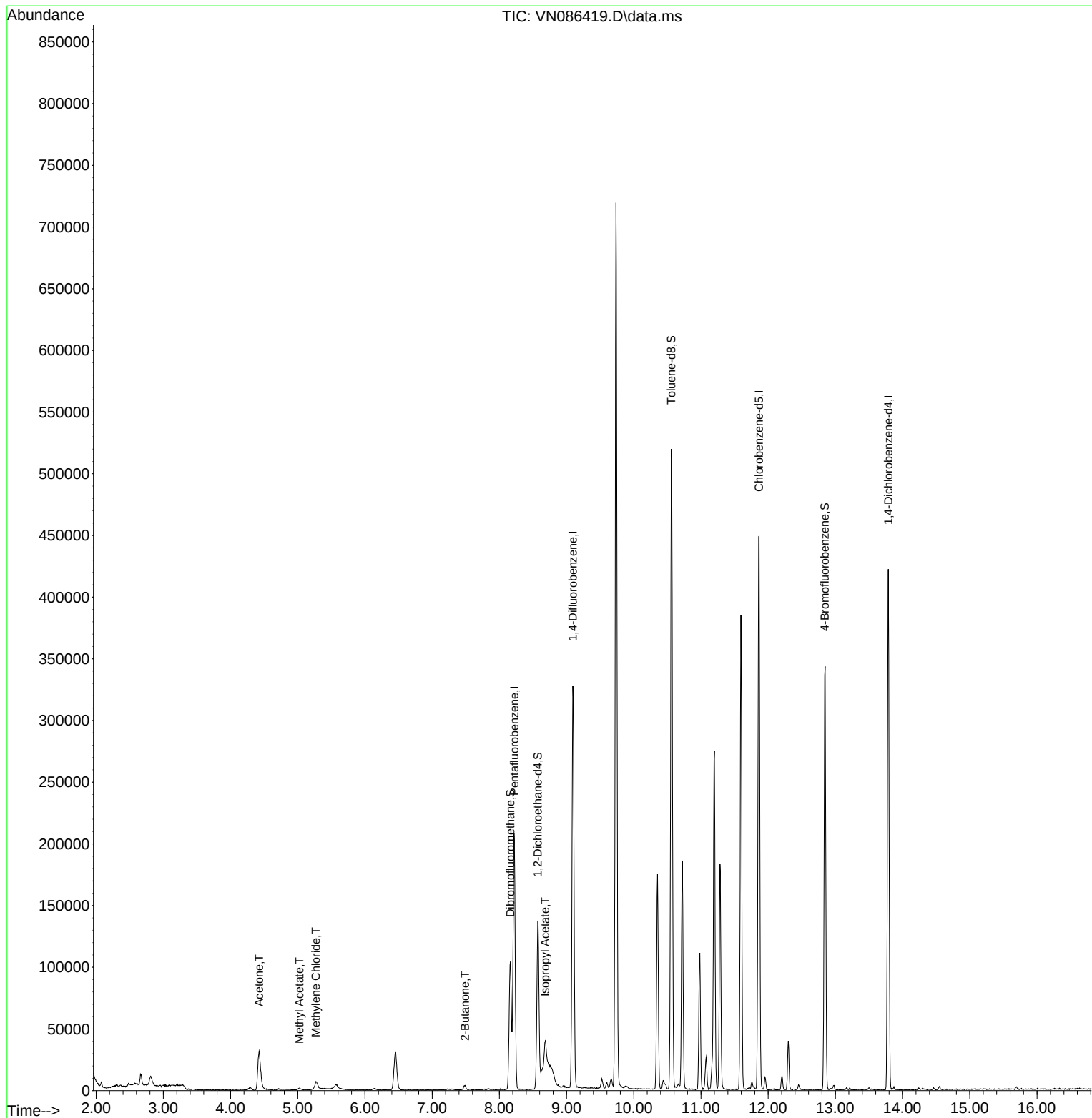
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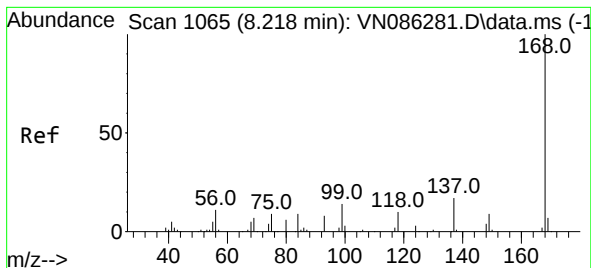
Instrument :
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PB167744ZHE#16

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Supervised By : Semsettin Yesilyurt 04/29/2025

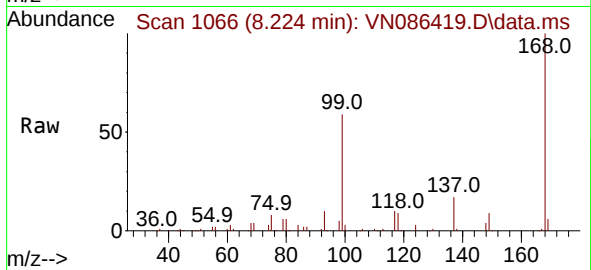
Quant Time: Apr 29 03:41:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086419.D
Acq: 29 Apr 2025 02:08

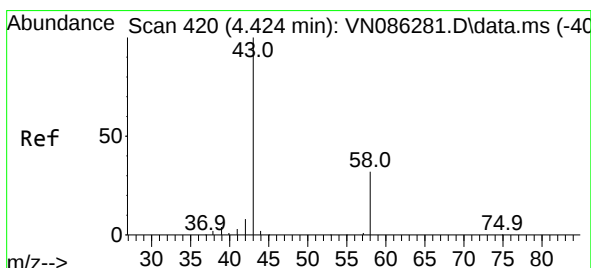
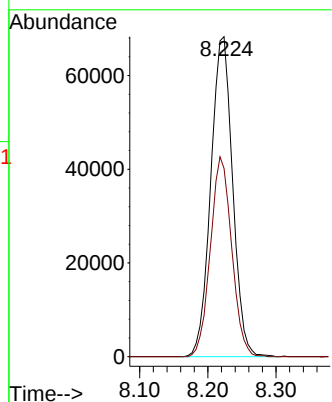
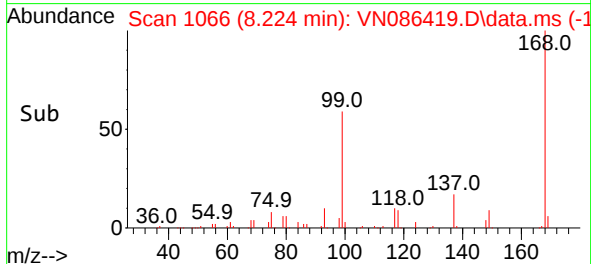
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#16



Tgt Ion:168 Resp: 15228
Ion Ratio Lower Upper
168 100
99 58.9 52.5 78.7

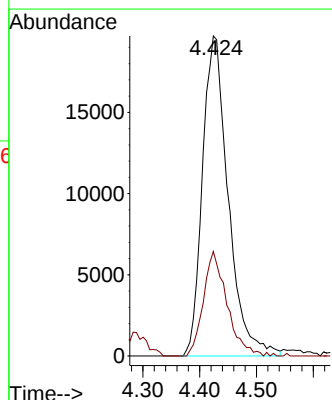
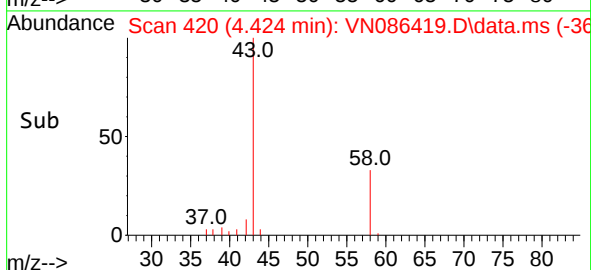
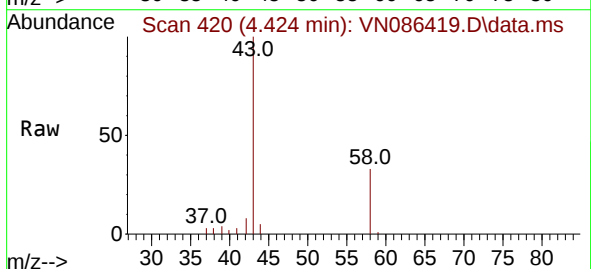
Manual Integrations
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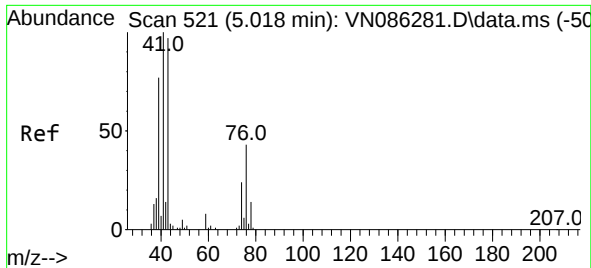
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#16
Acetone
Concen: 77.415 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086419.D
Acq: 29 Apr 2025 02:08

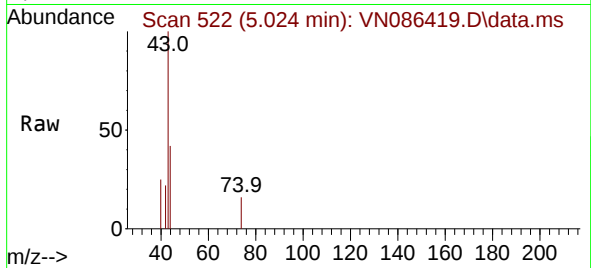
Tgt Ion: 43 Resp: 62113
Ion Ratio Lower Upper
43 100
58 32.6 25.3 37.9





#18
Methyl Acetate
Concen: 1.368 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086419.D
Acq: 29 Apr 2025 02:08

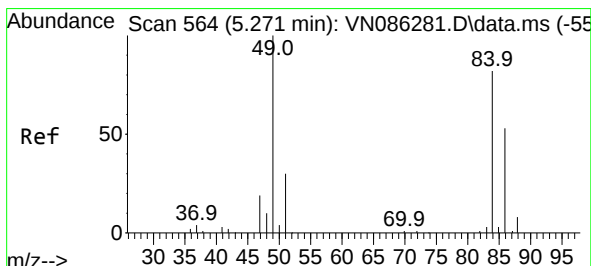
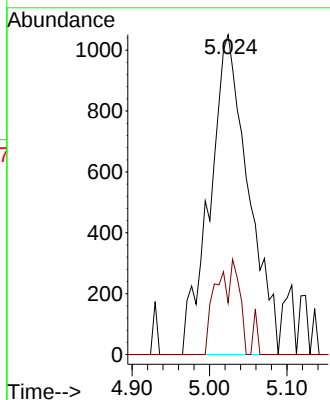
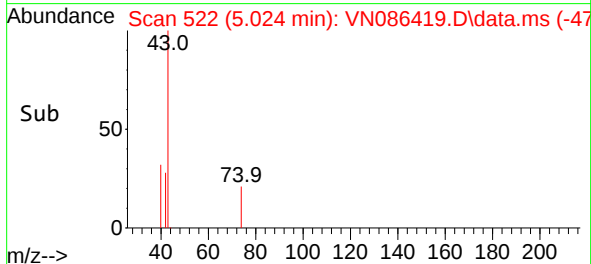
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#16



Tgt Ion: 43 Resp: 362
Ion Ratio Lower Upper
43 100
74 10.4 19.8 29.6

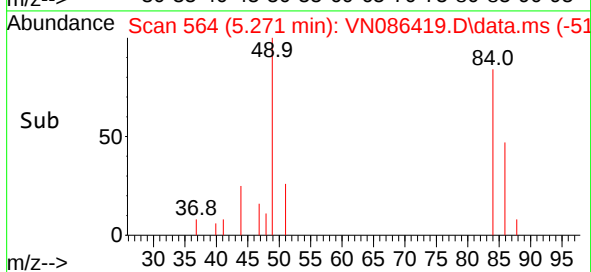
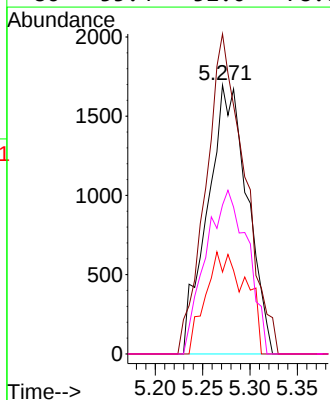
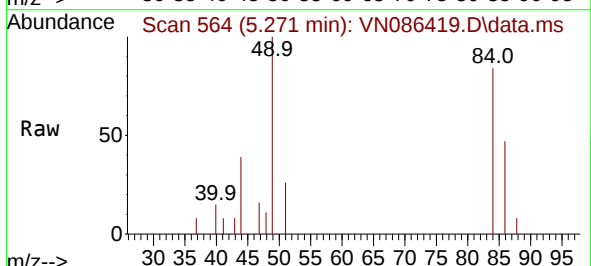
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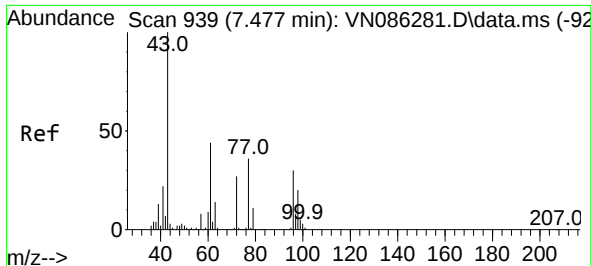
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#20
Methylene Chloride
Concen: 2.436 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086419.D
Acq: 29 Apr 2025 02:08

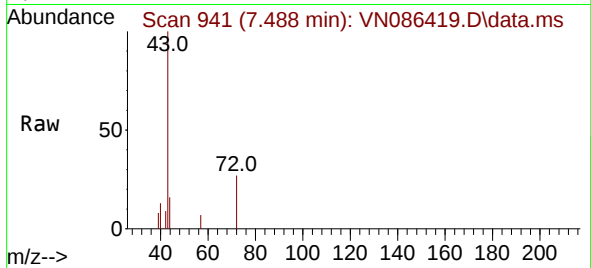
Tgt Ion: 84 Resp: 4972
Ion Ratio Lower Upper
84 100
49 119.0 98.2 147.2
51 30.5 29.8 44.6
86 55.4 52.0 78.0





#25
2-Butanone
Concen: 5.100 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086419.D
Acq: 29 Apr 2025 02:08

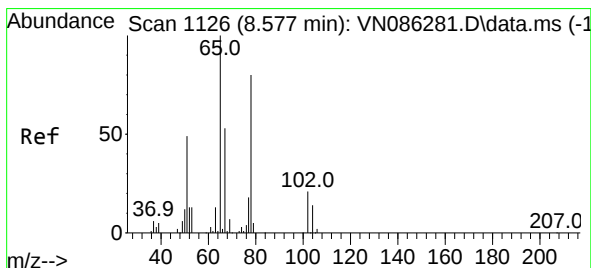
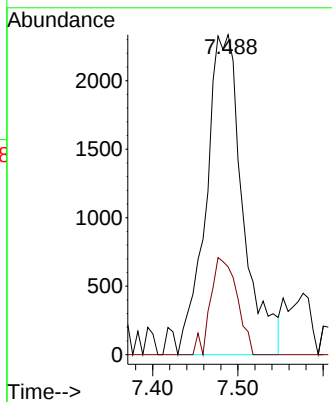
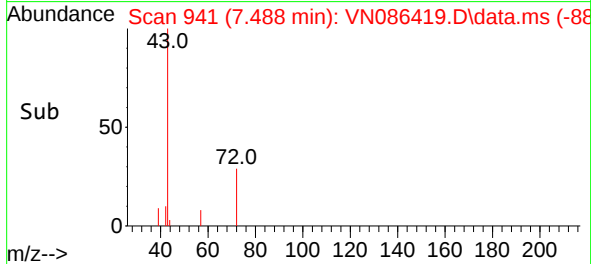
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#16



Tgt Ion: 43 Resp: 7010
Ion Ratio Lower Upper
43 100
72 27.4 21.7 32.5

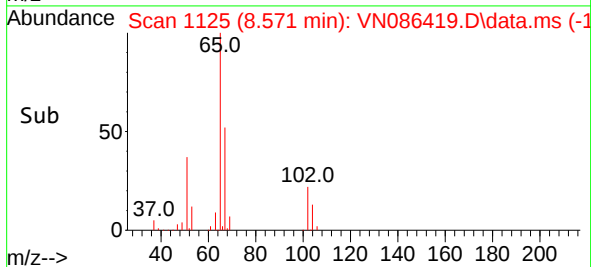
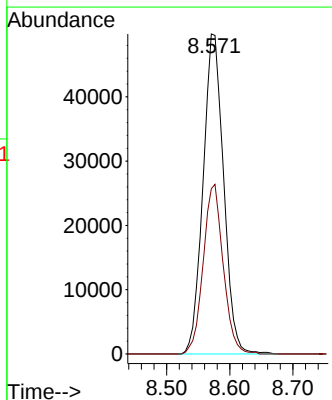
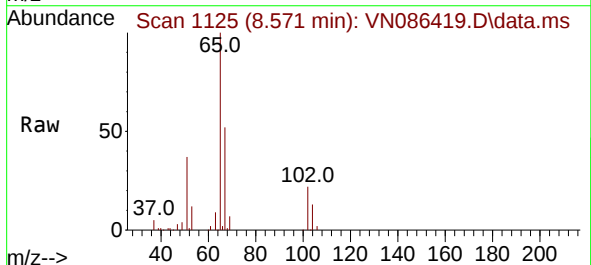
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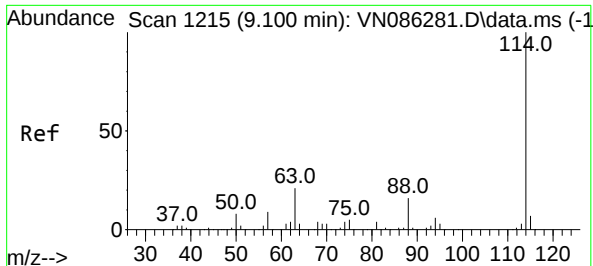
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#33
1,2-Dichloroethane-d4
Concen: 51.019 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086419.D
Acq: 29 Apr 2025 02:08

Tgt Ion: 65 Resp: 112663
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086419.D

Acq: 29 Apr 2025 02:08

Instrument :

MSVOA_N

ClientSampleId :

PB167744ZHE#16

Tgt Ion:114 Resp: 29075

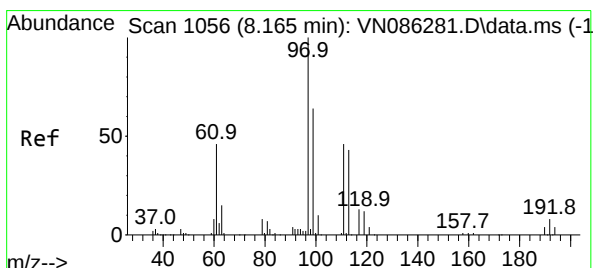
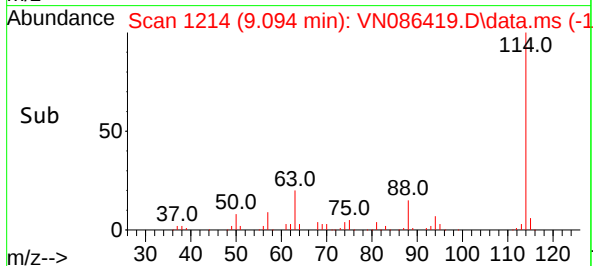
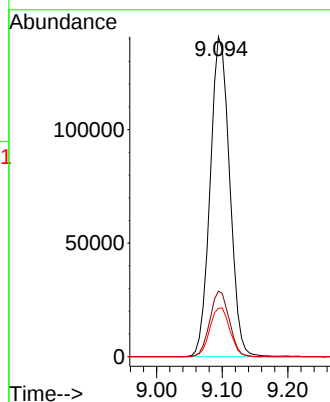
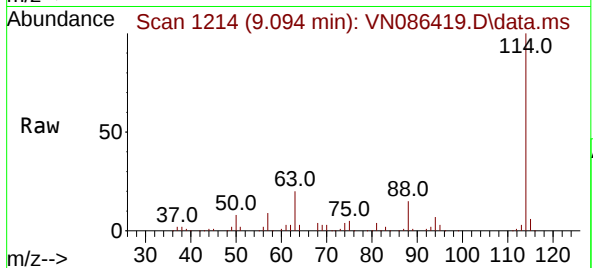
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.6
88	15.1	0.0	31.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 04/29/2025



#35

Dibromofluoromethane

Concen: 58.011 ug/l

RT: 8.165 min Scan# 1056

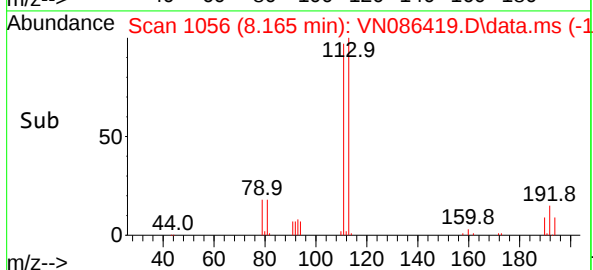
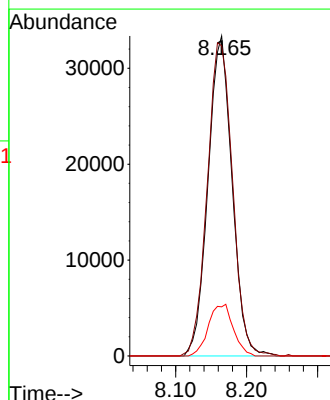
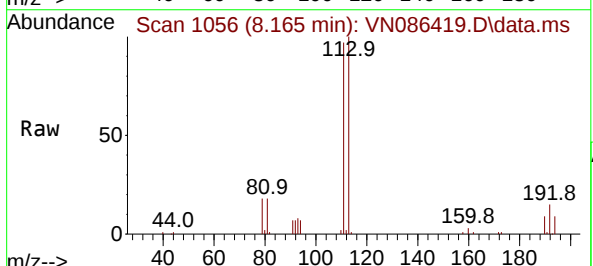
Delta R.T. -0.000 min

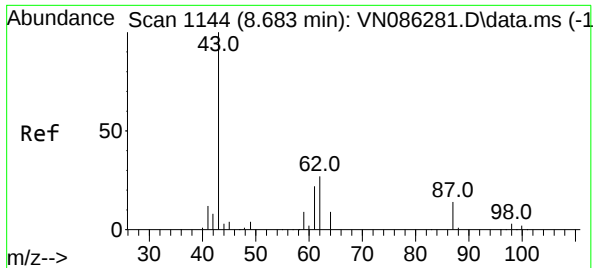
Lab File: VN086419.D

Acq: 29 Apr 2025 02:08

Tgt Ion:113 Resp: 78281

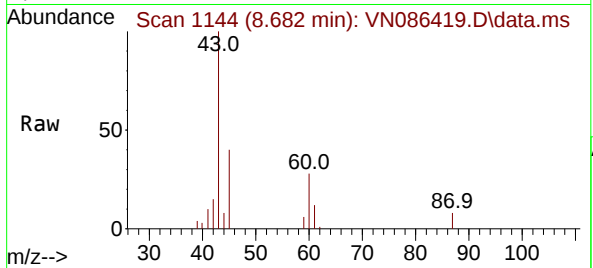
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.0
192	16.7	13.7	20.5





#43
Isopropyl Acetate
Concen: 6.551 ug/l m
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086419.D
Acq: 29 Apr 2025 02:08

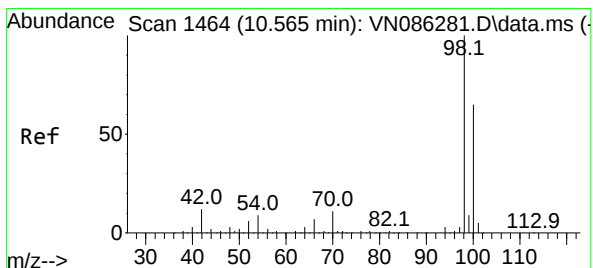
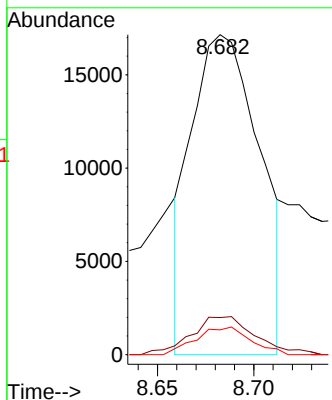
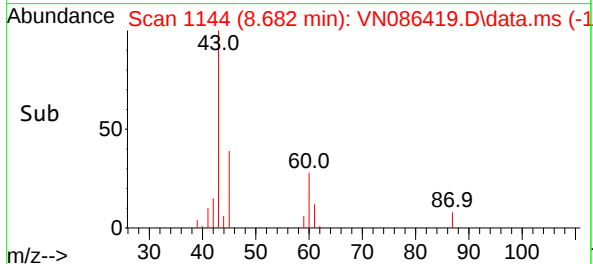
Instrument : MSVOA_N
ClientSampleId : PB167744ZHE#16



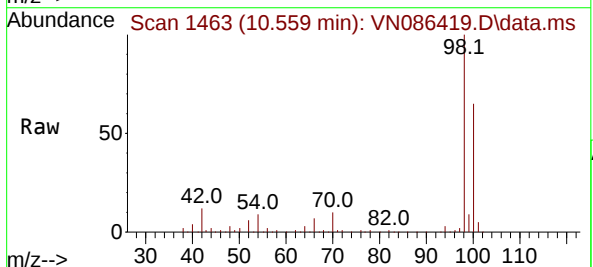
Tgt Ion: 43 Resp: 42250
Ion Ratio Lower Upper
43 100
61 11.3 20.5 30.7
87 6.9 10.5 15.7

Manual Integrations
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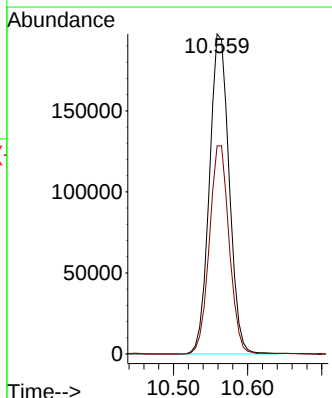
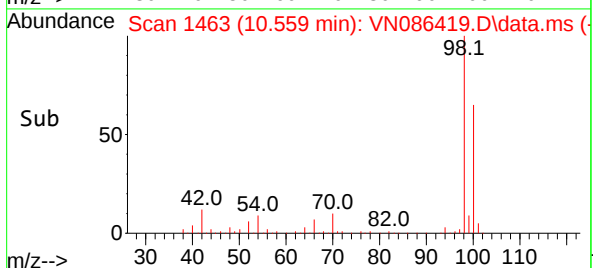
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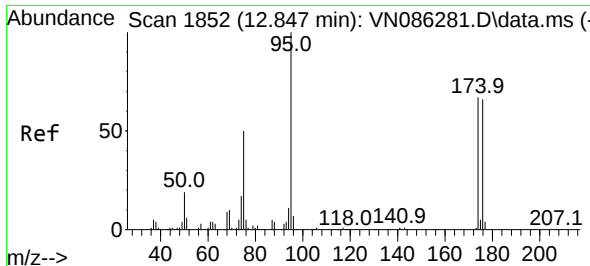


#50
Toluene-d8
Concen: 50.665 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN086419.D
Acq: 29 Apr 2025 02:08



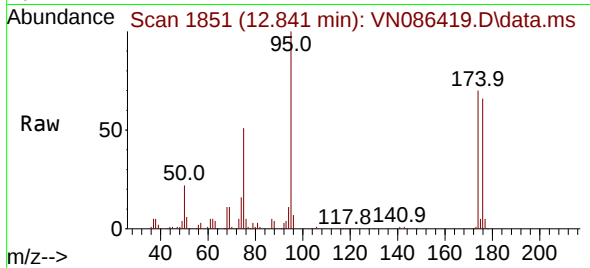
Tgt Ion: 98 Resp: 365390
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 47.856 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN086419.D
Acq: 29 Apr 2025 02:08

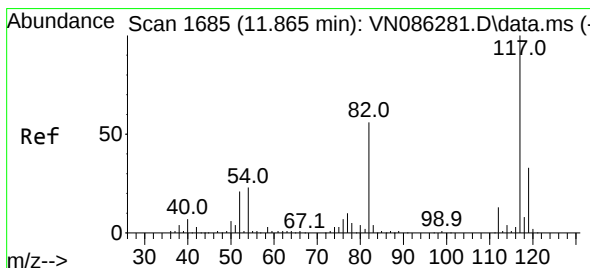
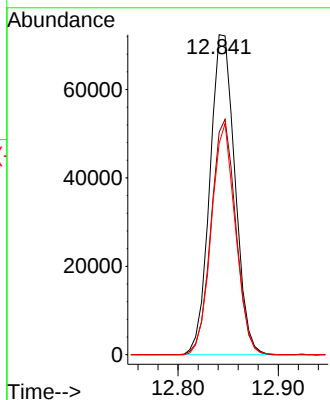
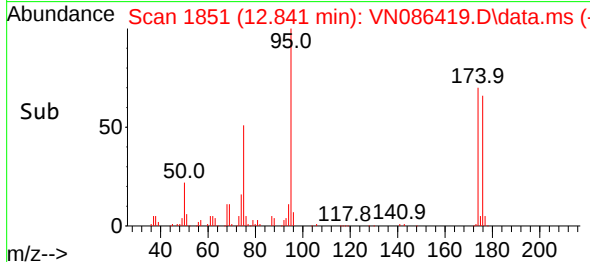
Instrument :
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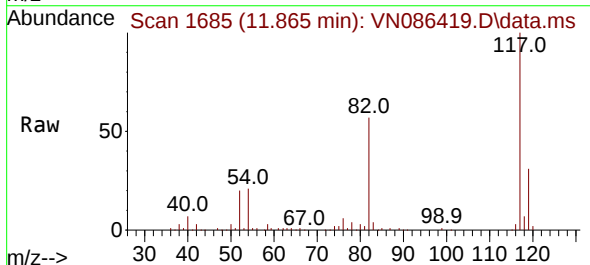
Tgt Ion: 95 Resp: 125885
Ion Ratio Lower Upper
95 100
174 72.4 0.0 133.4
176 69.3 0.0 129.2

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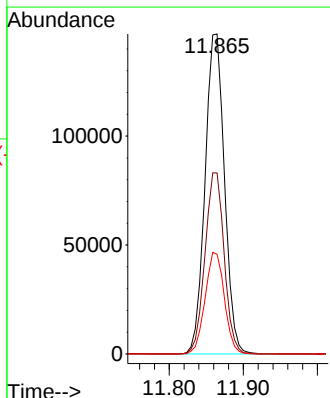
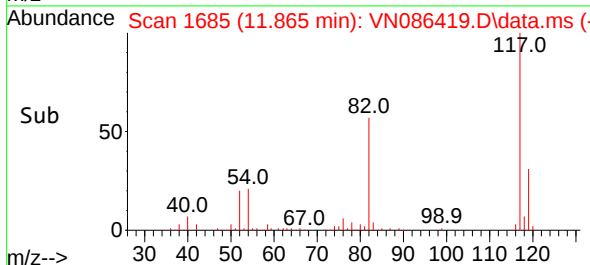
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

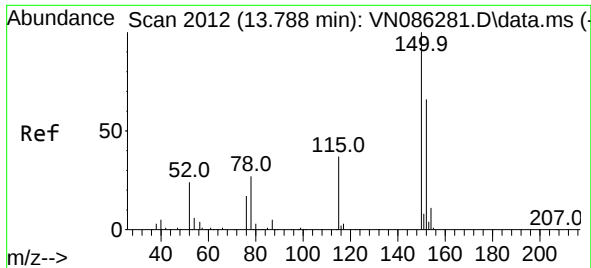


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086419.D
Acq: 29 Apr 2025 02:08



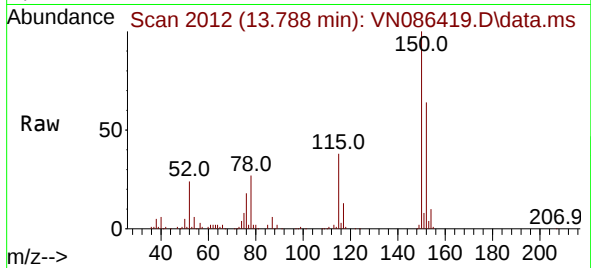
Tgt Ion:117 Resp: 267491
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 31.2 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086419.D
 Acq: 29 Apr 2025 02:08

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#16



Tgt Ion:152 Resp: 114290
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.9 95.9
 150 158.1 0.0 352.0

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