

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086444.D
 Acq On : 30 Apr 2025 18:18
 Operator : JC\MD
 Sample : PB167775ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#14

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

Quant Time: May 01 01:36:38 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	153066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111408	50.193	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.380%			
35) Dibromofluoromethane	8.165	113	72639	52.700	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.400%			
50) Toluene-d8	10.565	98	380694	51.679	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.360%			
62) 4-Bromofluorobenzene	12.847	95	138189	51.431	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.860%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.524	59	7800	19.260	ug/l #	91
16) Acetone	4.430	43	36433	42.744	ug/l	99
20) Methylene Chloride	5.277	84	8980	4.376	ug/l	87
25) 2-Butanone	7.489	43	35994	26.053	ug/l	99
43) Isopropyl Acetate	8.688	43	35309m	5.013	ug/l	

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

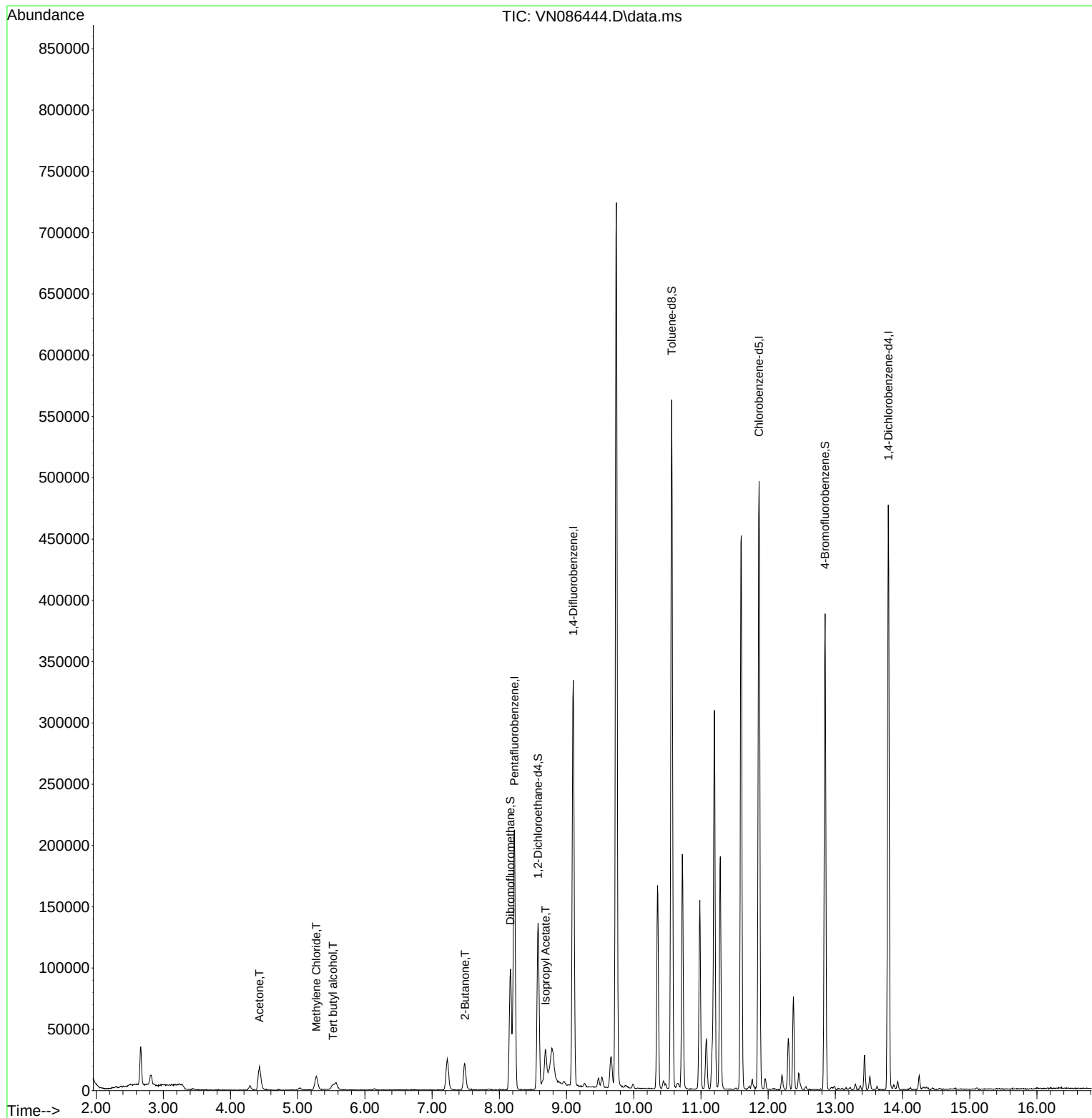
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
Data File : VN086444.D
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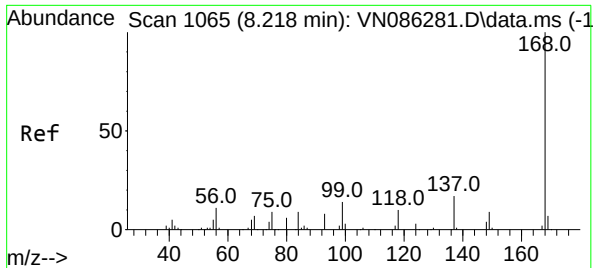
Instrument :
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PB167775ZHE#14

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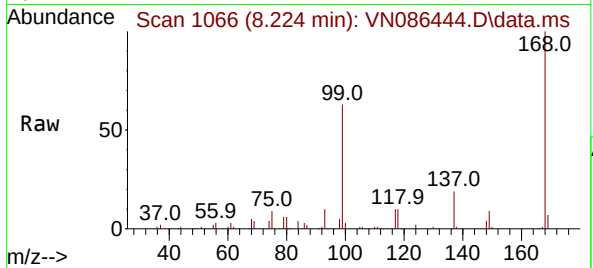
Quant Time: May 01 01:36:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086444.D
Acq: 30 Apr 2025 18:18

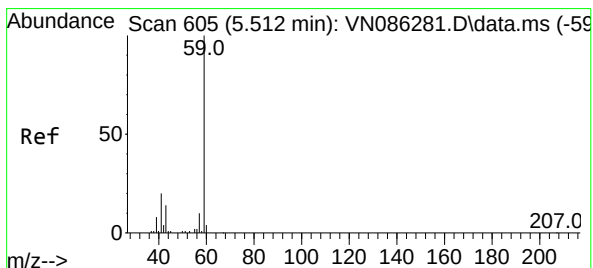
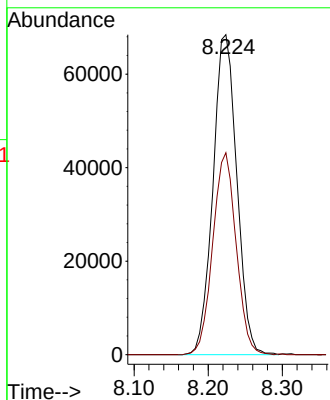
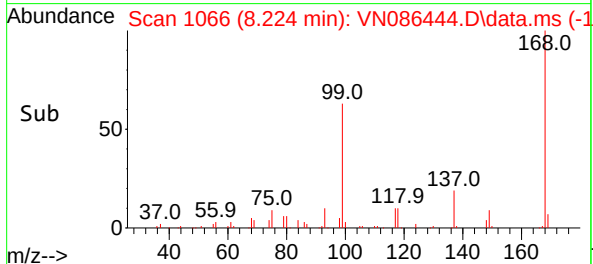
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#14



Tgt Ion:168 Resp: 153060
Ion Ratio Lower Upper
168 100
99 63.1 52.5 78.7

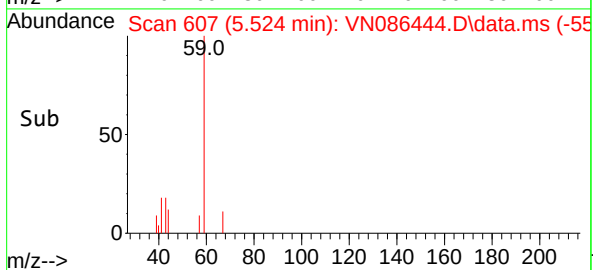
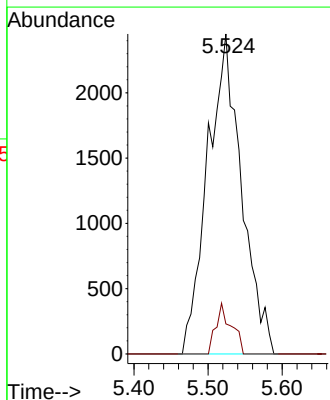
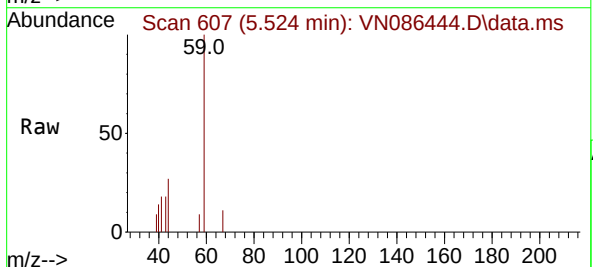
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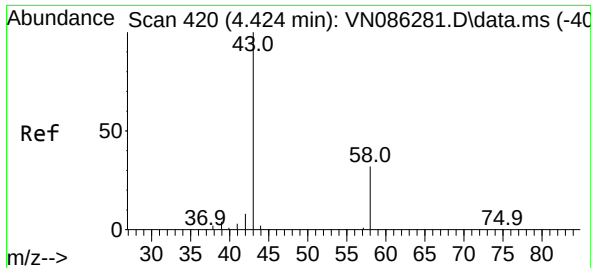
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#11
Tert butyl alcohol
Concen: 19.260 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN086444.D
Acq: 30 Apr 2025 18:18

Tgt Ion: 59 Resp: 7800
Ion Ratio Lower Upper
59 100
57 7.2 8.3 12.5#





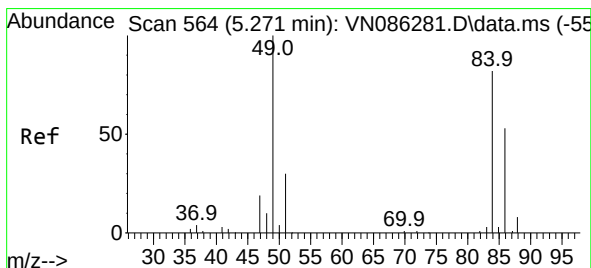
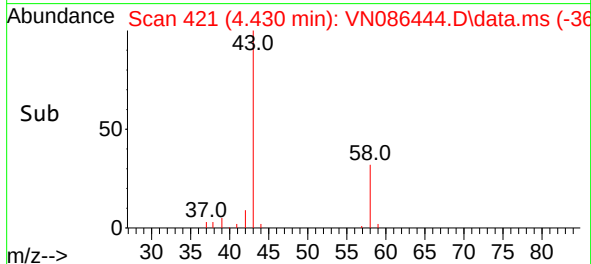
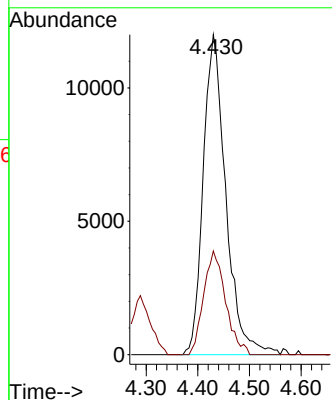
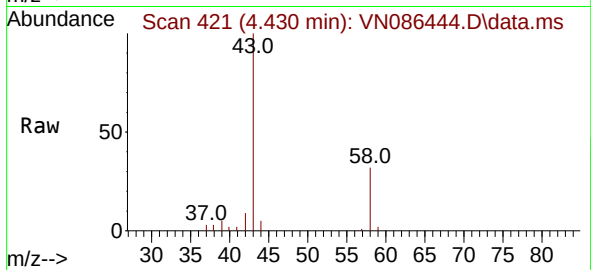
#16
Acetone
Concen: 42.744 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086444.D
Acq: 30 Apr 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#14

Tgt Ion: 43 Resp: 3643
Ion Ratio Lower Upper
43 100
58 32.4 25.3 37.9

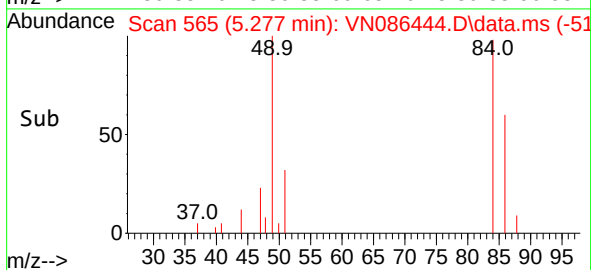
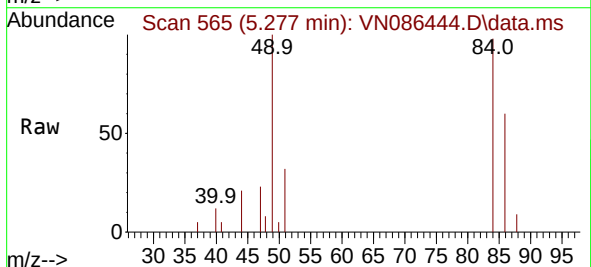
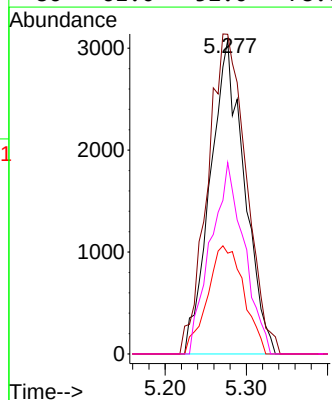
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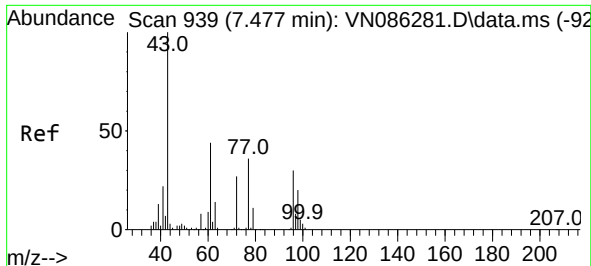
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 4.376 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086444.D
Acq: 30 Apr 2025 18:18

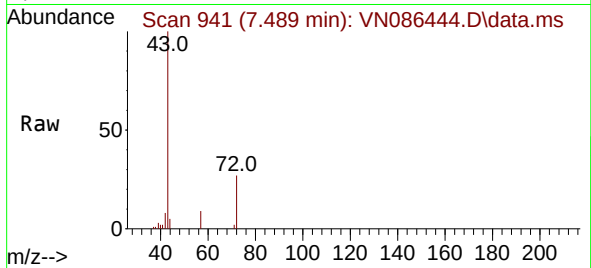
Tgt Ion: 84 Resp: 8980
Ion Ratio Lower Upper
84 100
49 101.8 98.2 147.2
51 32.1 29.8 44.6
86 61.0 52.0 78.0





#25
2-Butanone
Concen: 26.053 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086444.D
Acq: 30 Apr 2025 18:18

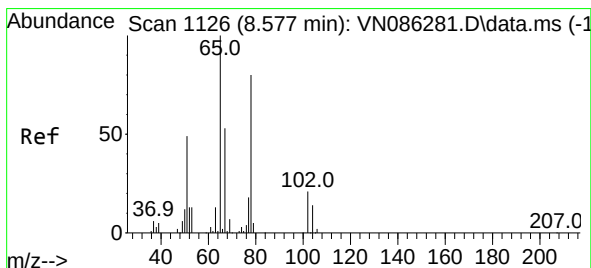
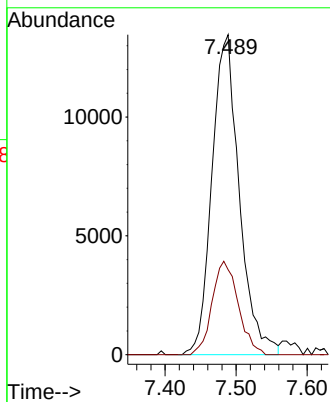
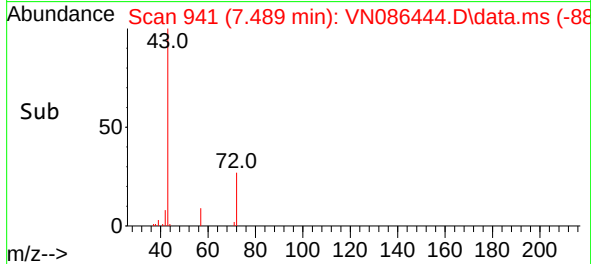
Instrument :
MSVOA_N
ClientSampleId :
PB167775ZHE#14



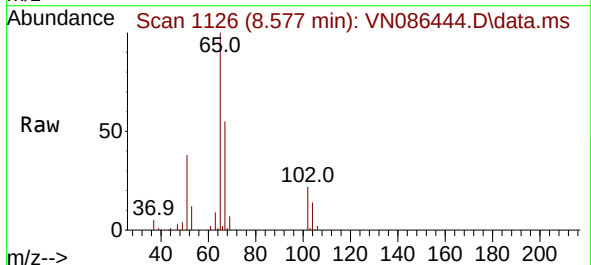
Tgt Ion: 43 Resp: 35994
Ion Ratio Lower Upper
43 100
72 26.5 21.7 32.5

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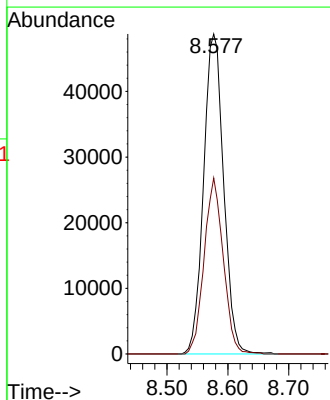
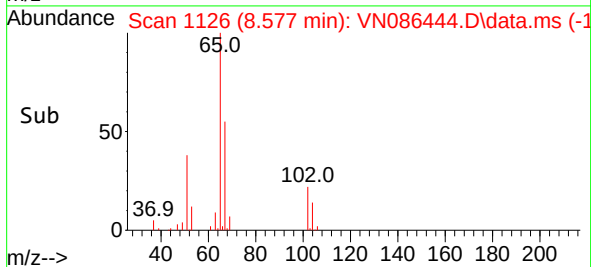
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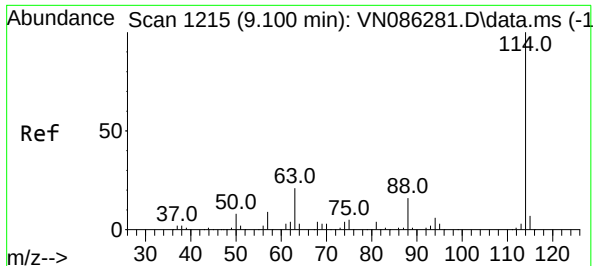


#33
1,2-Dichloroethane-d4
Concen: 50.193 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086444.D
Acq: 30 Apr 2025 18:18



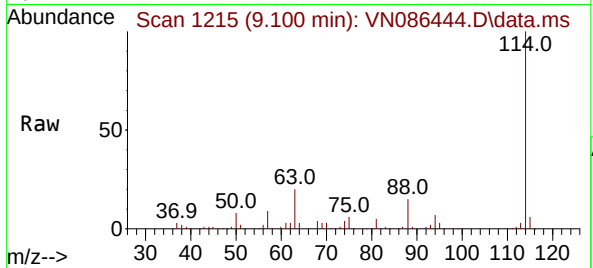
Tgt Ion: 65 Resp: 111408
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086444.D
Acq: 30 Apr 2025 18:18

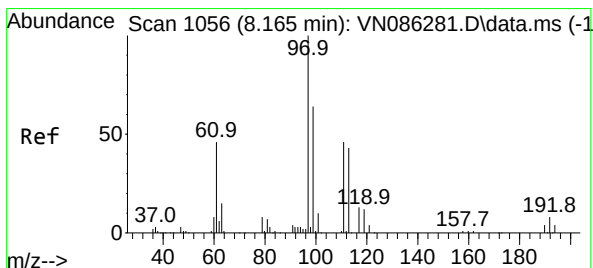
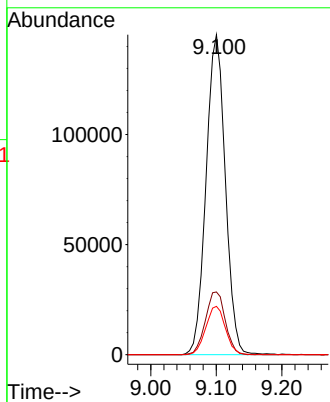
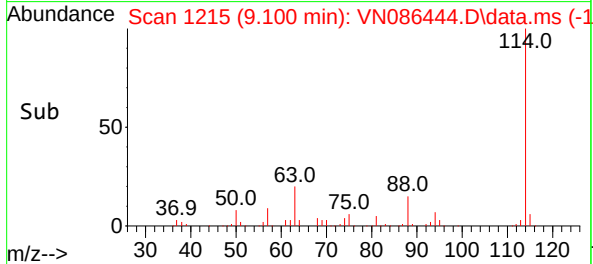
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MSVOA_N
ClientSampleId :
PB167775ZHE#14



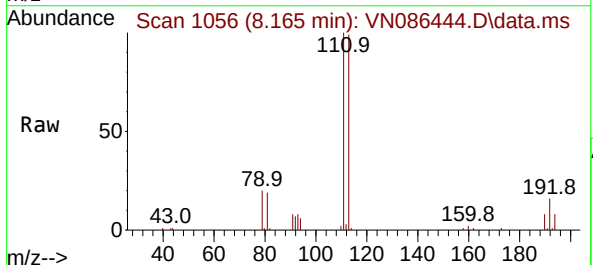
Tgt Ion:114 Resp: 296984
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.6
88 15.1 0.0 31.8

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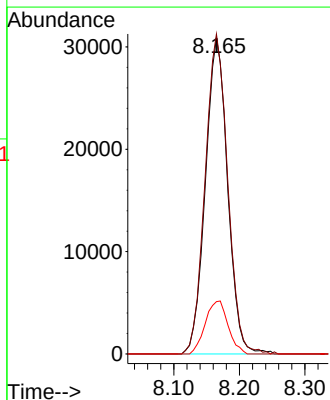
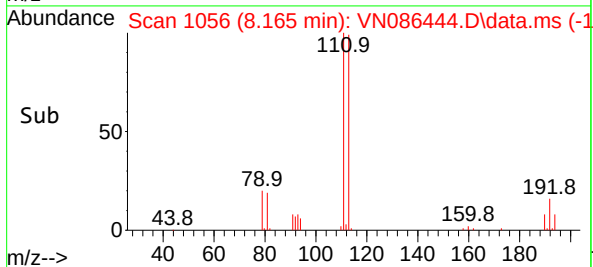
Reviewed By :John Carlone 05/02/2025
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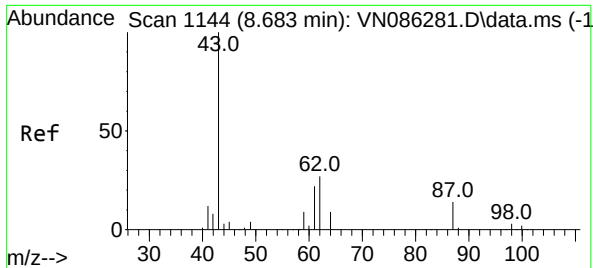


#35
Dibromofluoromethane
Concen: 52.700 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086444.D
Acq: 30 Apr 2025 18:18



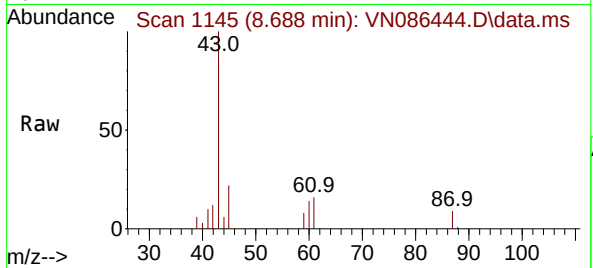
Tgt Ion:113 Resp: 72639
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.0
192 17.2 13.7 20.5





#43
Isopropyl Acetate
Concen: 5.013 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086444.D
Acq: 30 Apr 2025 18:18

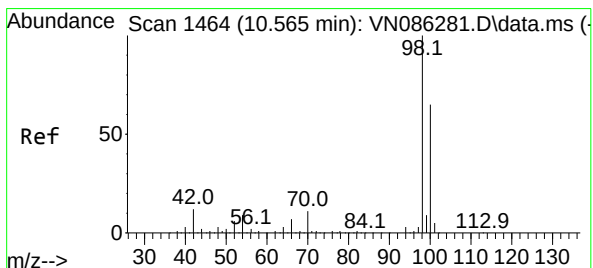
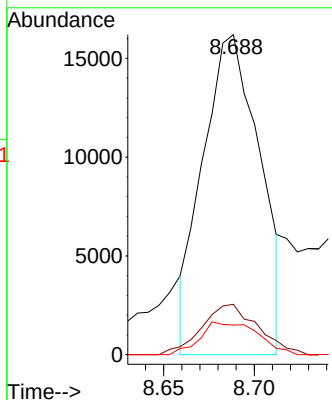
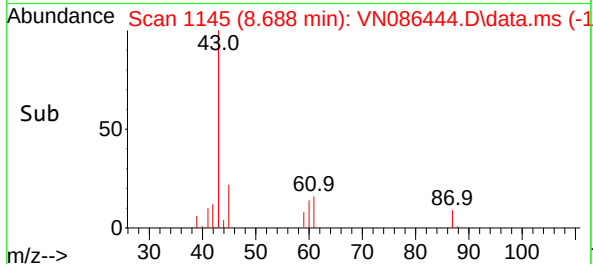
Instrument : MSVOA_N
ClientSampleId : PB167775ZHE#14



Tgt Ion: 43 Resp: 35309
Ion Ratio Lower Upper
43 100
61 15.6 20.5 30.7
87 10.3 10.5 15.7

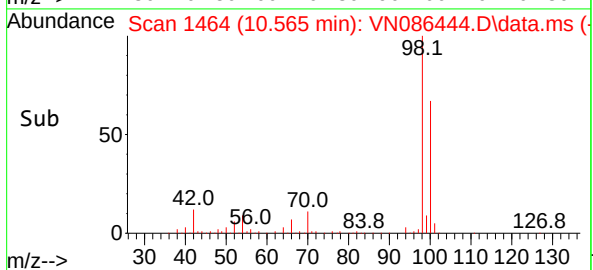
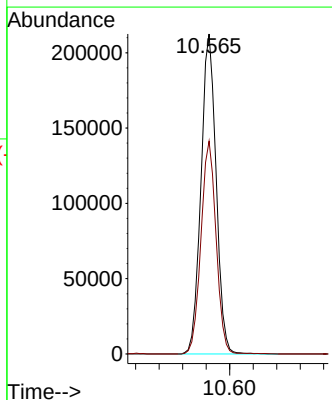
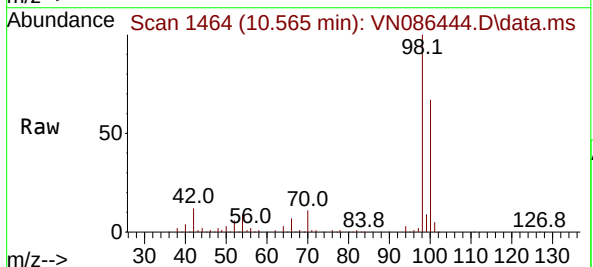
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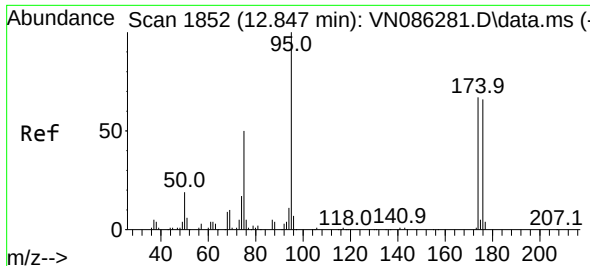
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 51.679 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086444.D
Acq: 30 Apr 2025 18:18

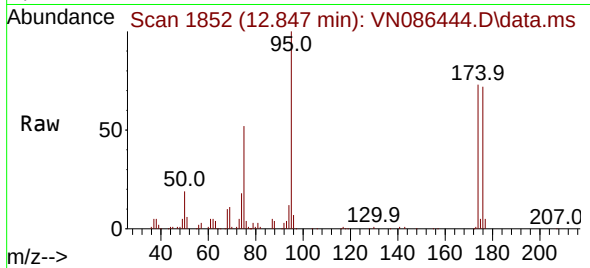
Tgt Ion: 98 Resp: 380694
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 51.431 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086444.D
Acq: 30 Apr 2025 18:18

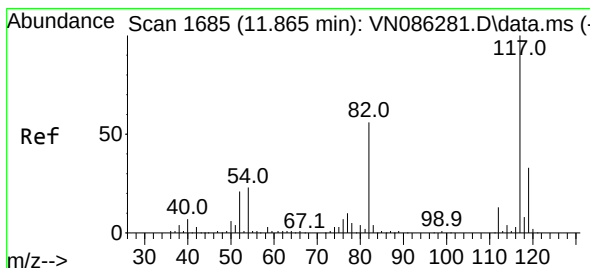
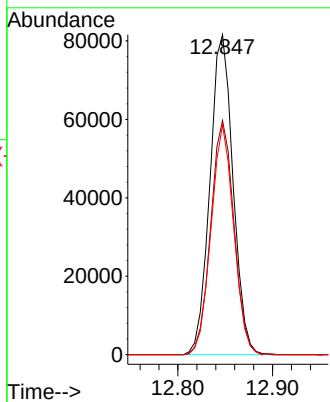
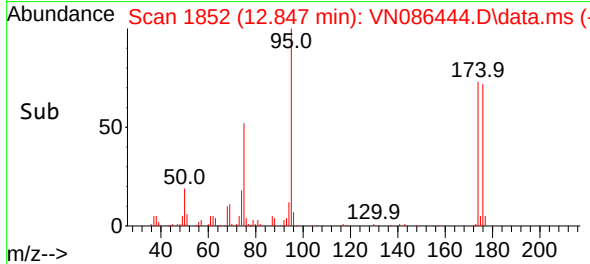
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PB167775ZHE#14



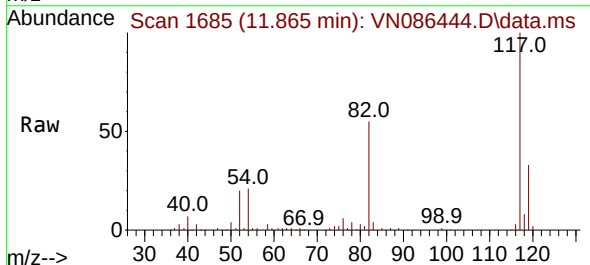
Tgt Ion: 95 Resp: 138189
Ion Ratio Lower Upper
95 100
174 73.7 0.0 133.4
176 70.4 0.0 129.2

Manual Integrations
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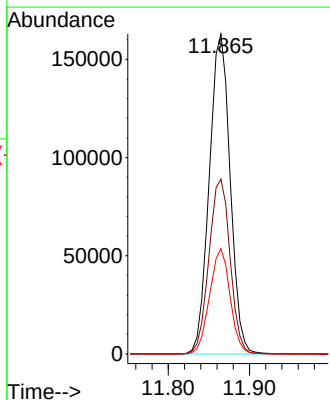
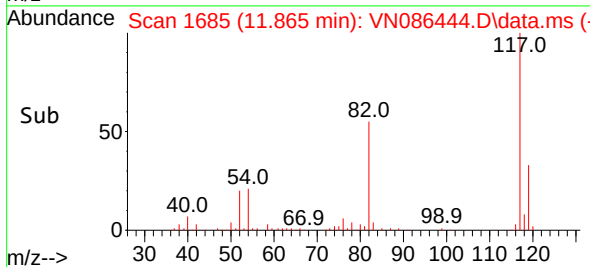
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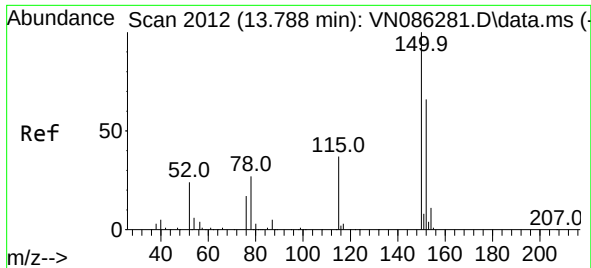


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086444.D
Acq: 30 Apr 2025 18:18



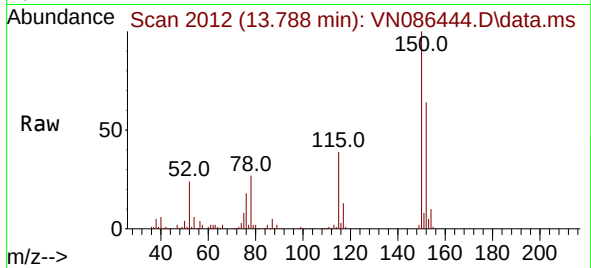
Tgt Ion:117 Resp: 291264
Ion Ratio Lower Upper
117 100
82 54.6 44.7 67.1
119 32.9 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086444.D
 Acq: 30 Apr 2025 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167775ZHE#14



Tgt Ion:152 Resp: 126809
 Ion Ratio Lower Upper
 152 100
 115 62.3 31.9 95.9
 150 160.3 0.0 352.0

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