

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086413.D
 Acq On : 28 Apr 2025 15:57
 Operator : JC\MD
 Sample : PB167744ZHE#10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167744ZHE#10

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 01:55:10 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	169272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	322116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122490	49.902	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.800%			
35) Dibromofluoromethane	8.165	113	80926	54.132	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.260%			
50) Toluene-d8	10.565	98	416833	52.170	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.340%			
62) 4-Bromofluorobenzene	12.847	95	149194	51.195	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.380%			
Target Compounds						Qvalue
16) Acetone	4.424	43	65168	72.743	ug/l	89
20) Methylene Chloride	5.271	84	3349	1.476	ug/l #	93
43) Isopropyl Acetate	8.683	43	29437m	3.416	ug/l	

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

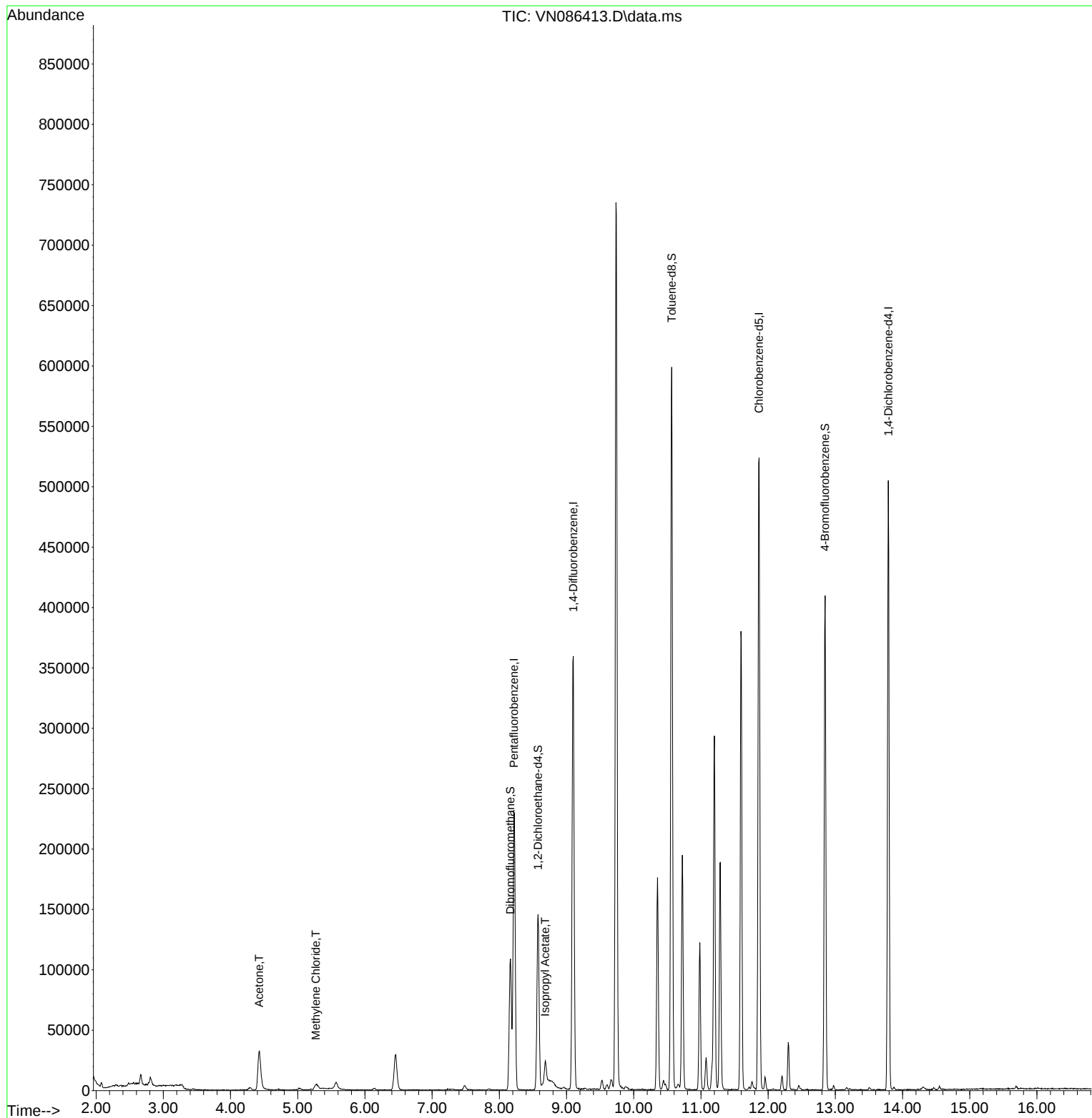
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
Data File : VN086413.D
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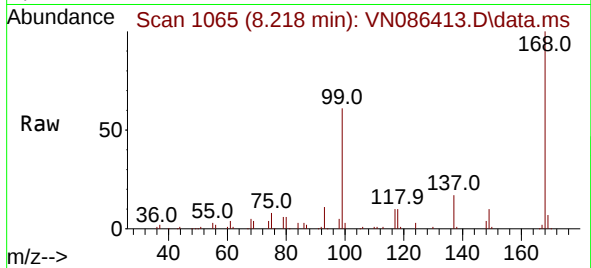
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086413.D
Acq: 28 Apr 2025 15:57

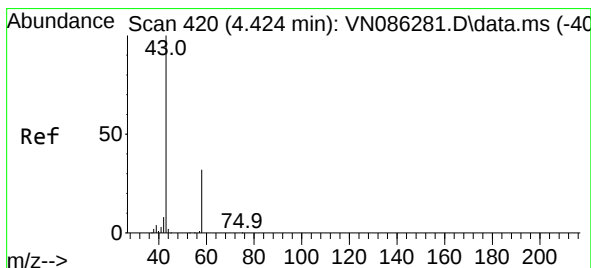
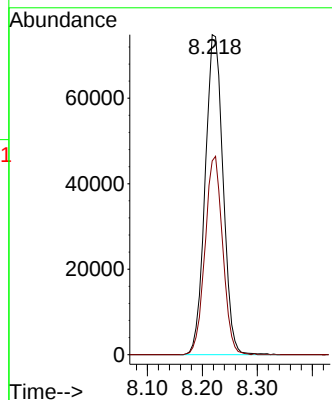
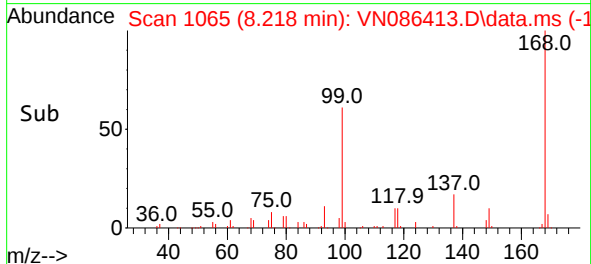
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#10



Tgt Ion:168 Resp: 169272
Ion Ratio Lower Upper
168 100
99 60.5 52.5 78.7

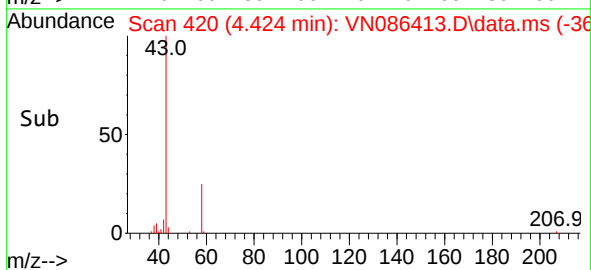
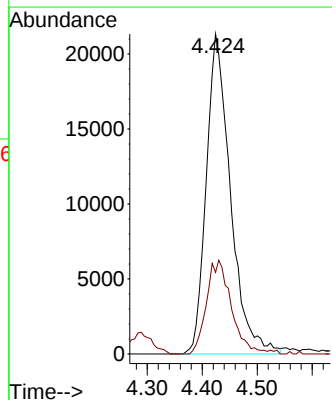
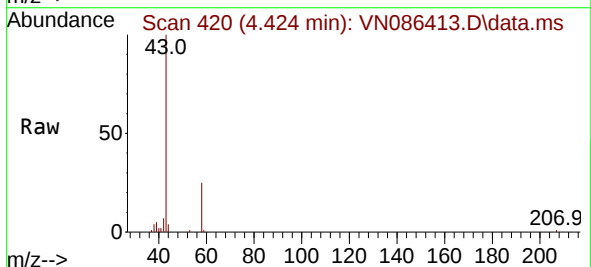
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#16
Acetone
Concen: 72.743 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086413.D
Acq: 28 Apr 2025 15:57

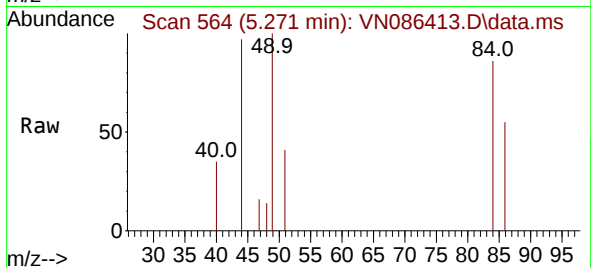
Tgt Ion: 43 Resp: 65168
Ion Ratio Lower Upper
43 100
58 25.5 25.3 37.9





#20
Methylene Chloride
Concen: 1.476 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN086413.D
Acq: 28 Apr 2025 15:57

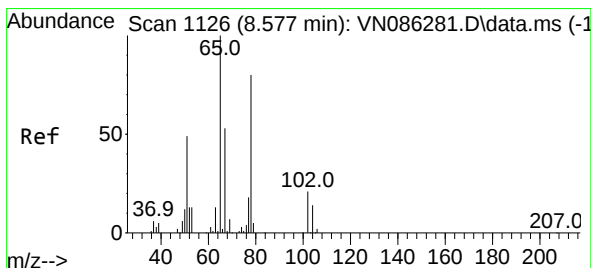
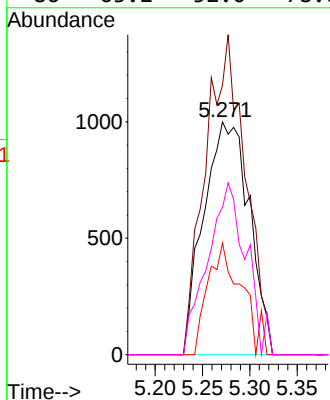
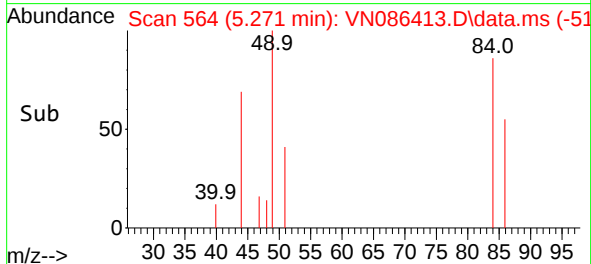
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#10



Tgt Ion: 84 Resp: 3349
Ion Ratio Lower Upper
84 100
49 115.7 98.2 147.2
51 48.0 29.8 44.6
86 63.2 52.0 78.0

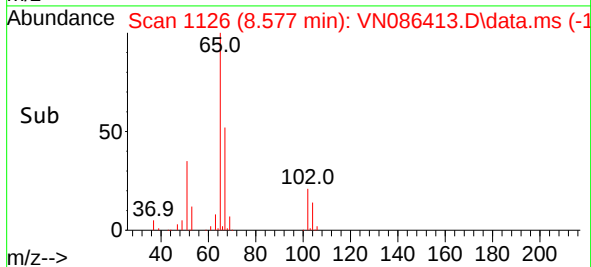
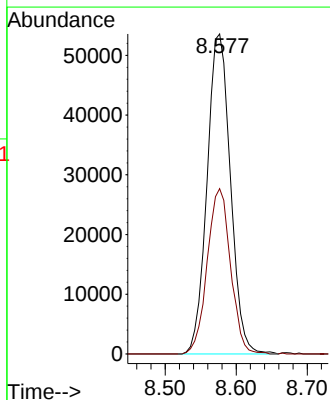
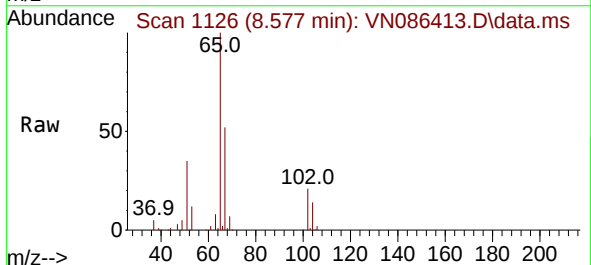
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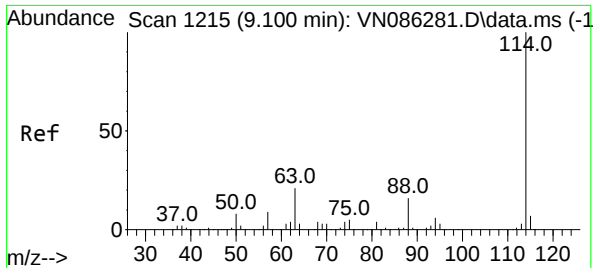
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#33
1,2-Dichloroethane-d4
Concen: 49.902 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086413.D
Acq: 28 Apr 2025 15:57

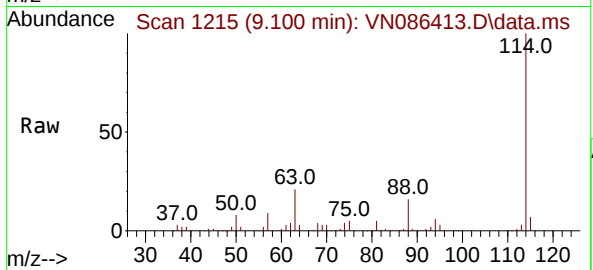
Tgt Ion: 65 Resp: 122490
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086413.D
Acq: 28 Apr 2025 15:57

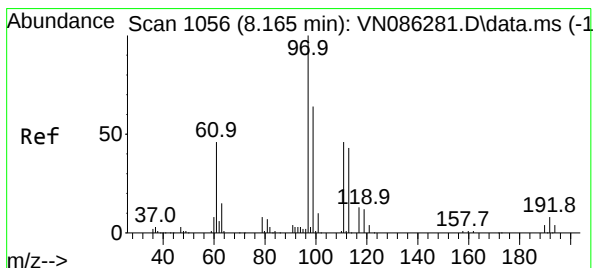
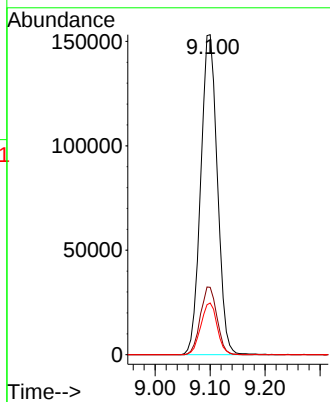
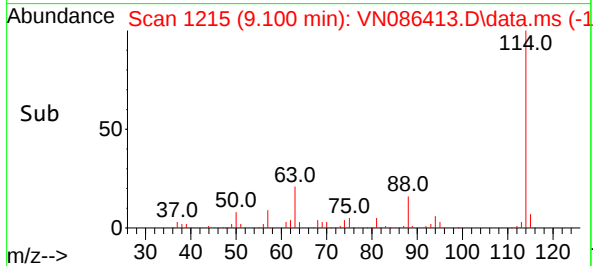
Instrument :
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ClientSampleId :
PB167744ZHE#10



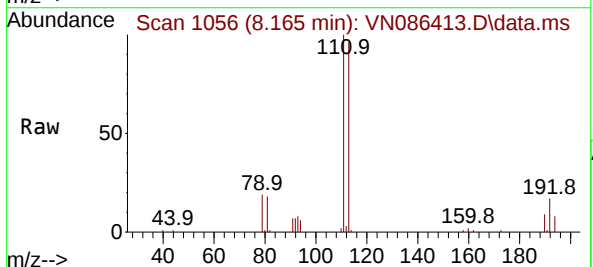
Tgt Ion:114 Resp: 322110
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.6
88 16.2 0.0 31.8

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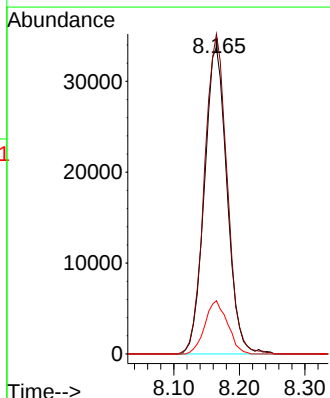
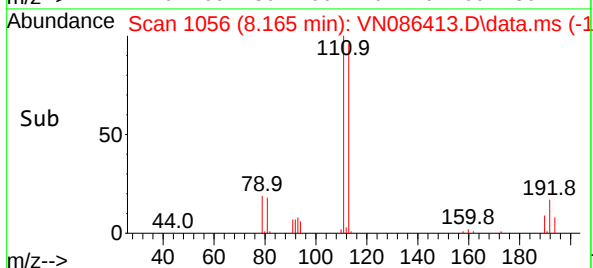
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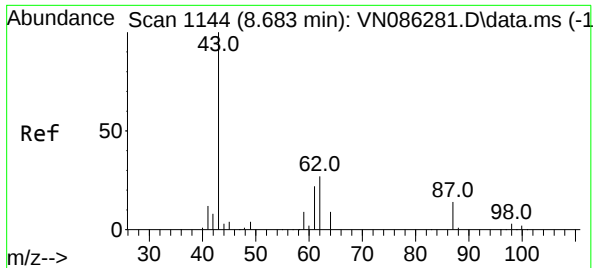


#35
Dibromofluoromethane
Concen: 54.132 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086413.D
Acq: 28 Apr 2025 15:57



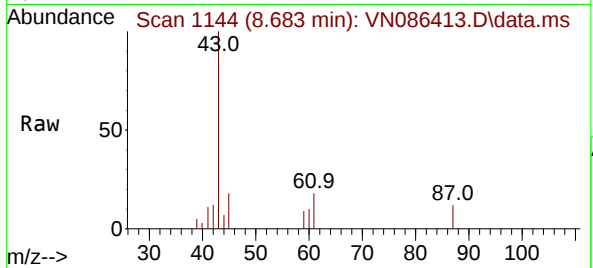
Tgt Ion:113 Resp: 80926
Ion Ratio Lower Upper
113 100
111 104.5 83.4 125.0
192 17.3 13.7 20.5





#43
Isopropyl Acetate
Concen: 3.416 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086413.D
Acq: 28 Apr 2025 15:57

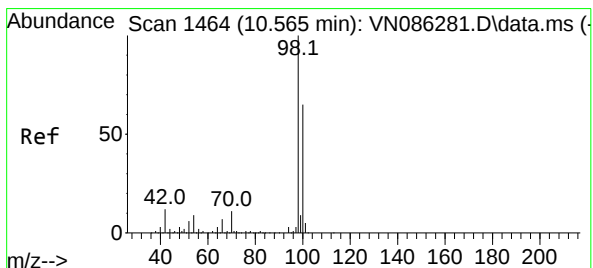
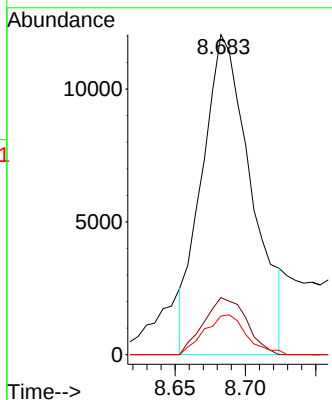
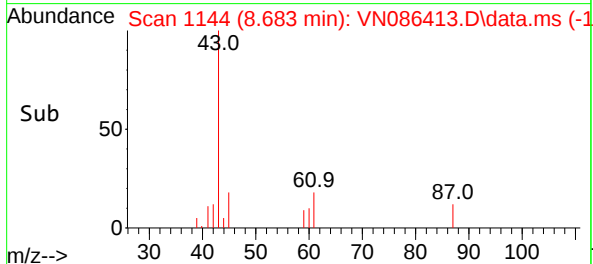
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PB167744ZHE#10



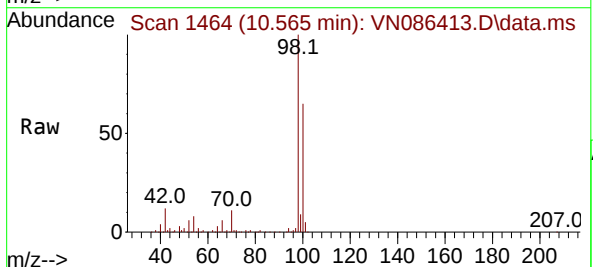
Tgt Ion: 43 Resp: 2943
Ion Ratio Lower Upper
43 100
61 15.4 20.5 30.7
87 10.6 10.5 15.7

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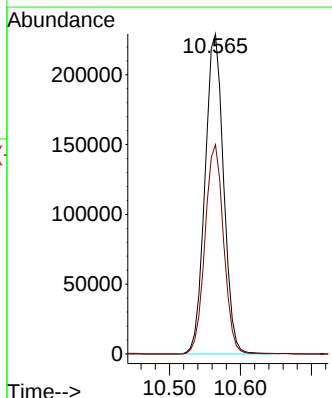
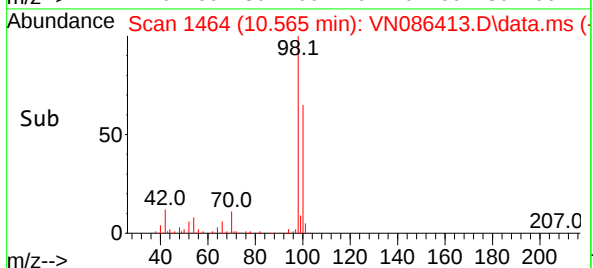
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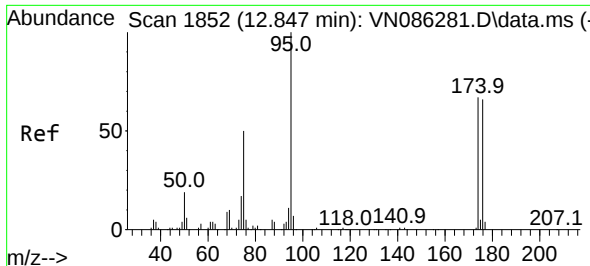


#50
Toluene-d8
Concen: 52.170 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086413.D
Acq: 28 Apr 2025 15:57



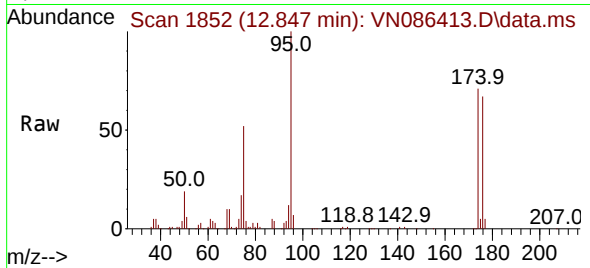
Tgt Ion: 98 Resp: 416833
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 51.195 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086413.D
Acq: 28 Apr 2025 15:57

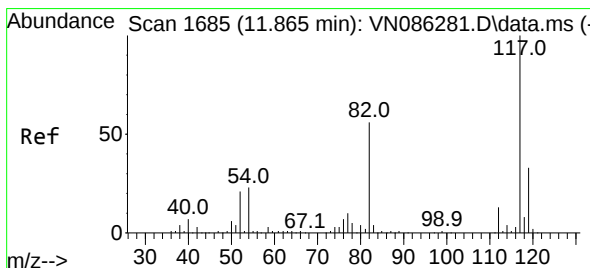
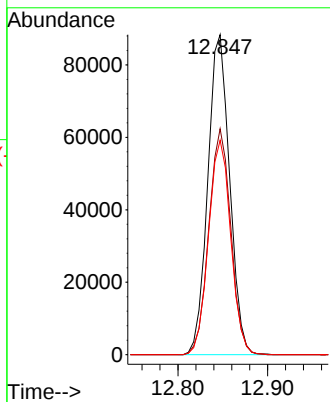
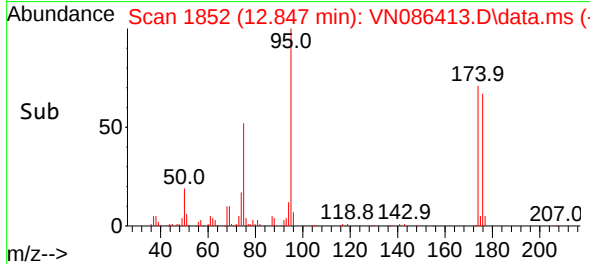
Instrument :
MSVOA_N
ClientSampleId :
PB167744ZHE#10



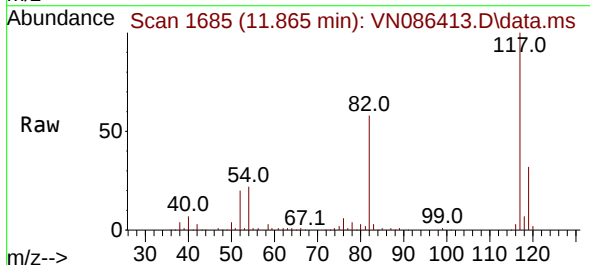
Tgt Ion: 95 Resp: 149194
Ion Ratio Lower Upper
95 100
174 71.2 0.0 133.4
176 68.2 0.0 129.2

Manual Integrations
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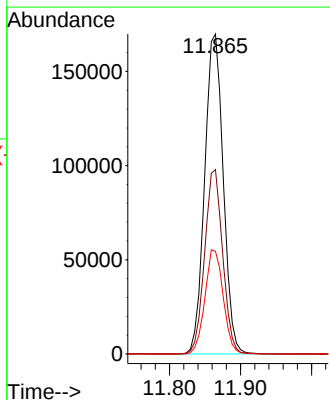
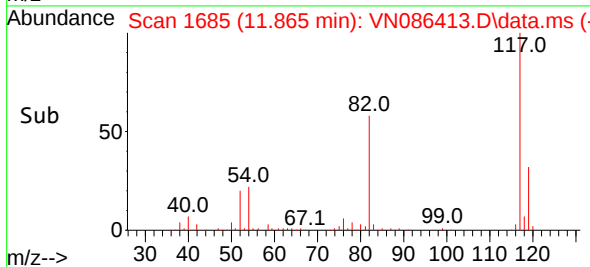
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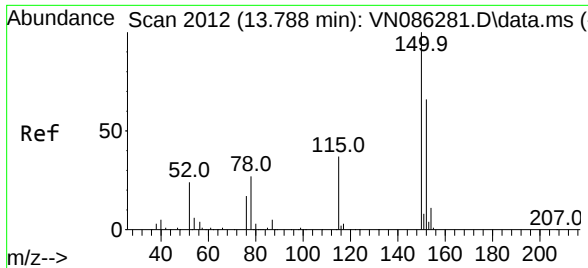


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086413.D
Acq: 28 Apr 2025 15:57



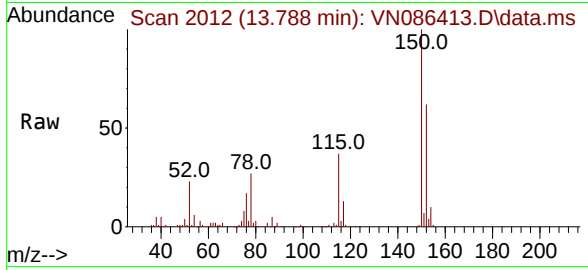
Tgt Ion:117 Resp: 309483
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 32.1 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086413.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.9	95.9
150	159.0	0.0	352.0

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