

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086055.D
 Acq On : 21 Mar 2025 21:18
 Operator : JC\MD
 Sample : Q1610-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/24/2025
 Supervised By : Semsettin Yesilyurt 03/24/2025

Quant Time: Mar 21 23:05:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	151961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	284628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118499	56.947	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.900%			
35) Dibromofluoromethane	8.165	113	101119	50.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.800%			
50) Toluene-d8	10.565	98	359896	49.915	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.820%			
62) 4-Bromofluorobenzene	12.847	95	105313	40.956	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 81.920%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	30774	48.408	ug/l	97
20) Methylene Chloride	5.271	84	8733	4.696	ug/l #	92
43) Isopropyl Acetate	8.688	43	91530m	19.139	ug/l	

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

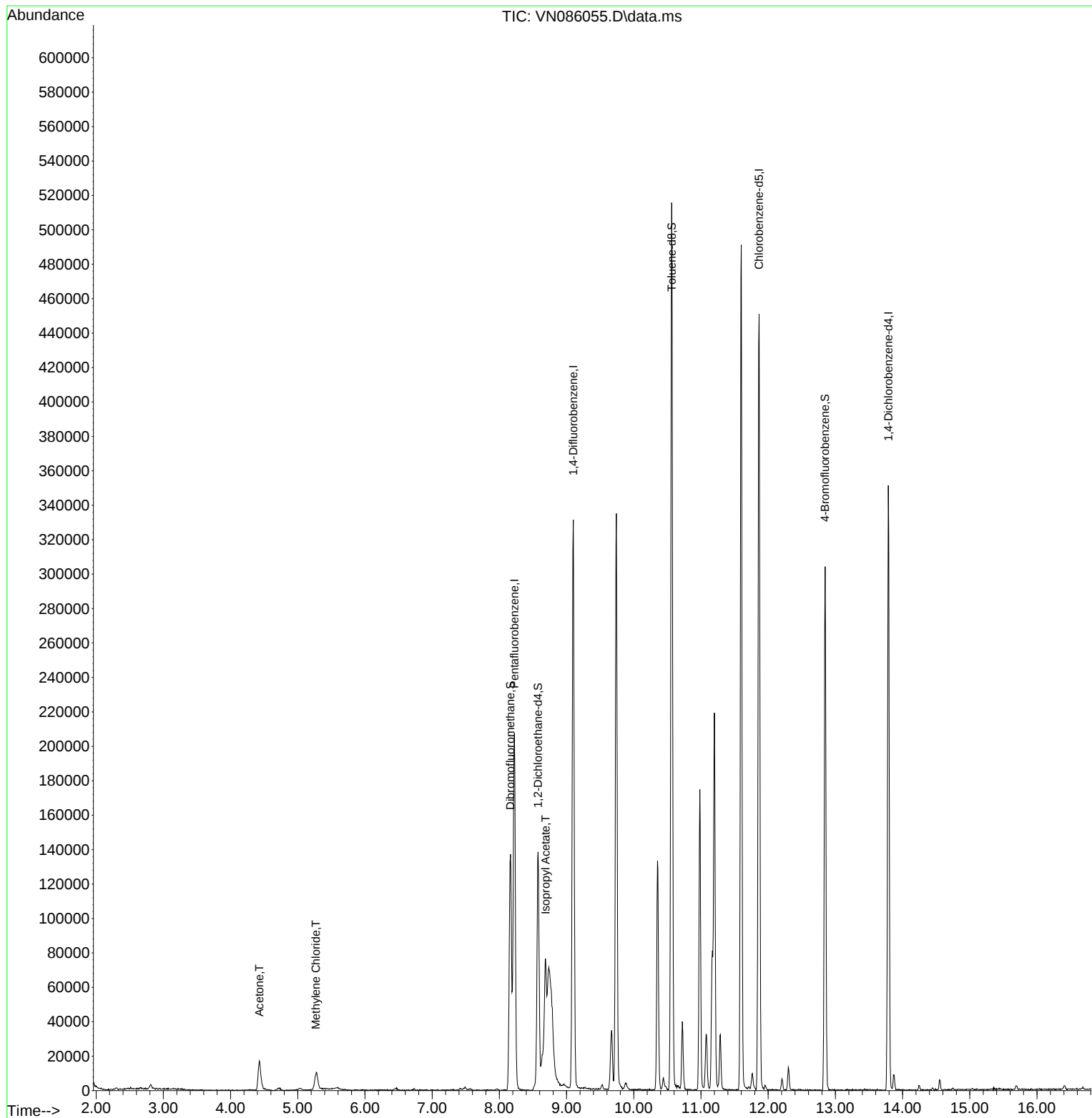
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
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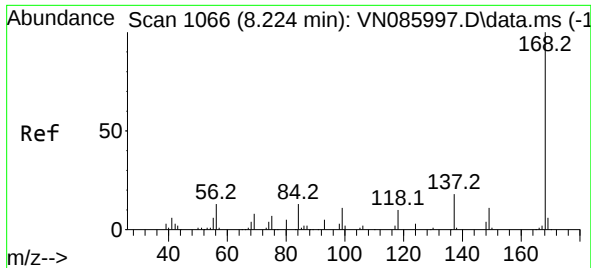
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE

Quant Time: Mar 21 23:05:57 2025
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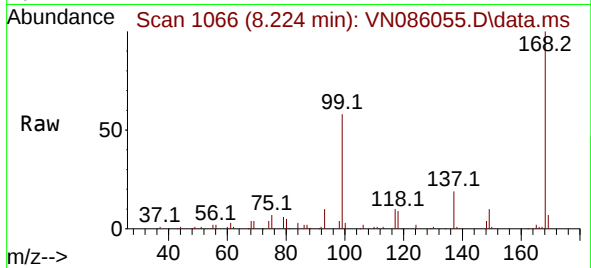
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086055.D
Acq: 21 Mar 2025 21:18

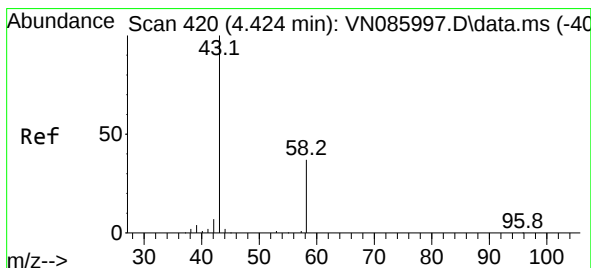
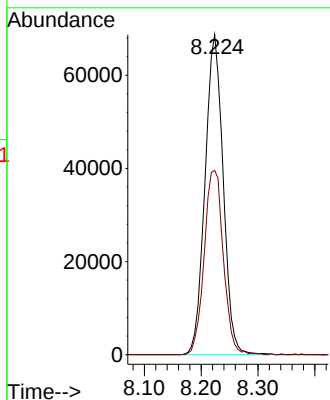
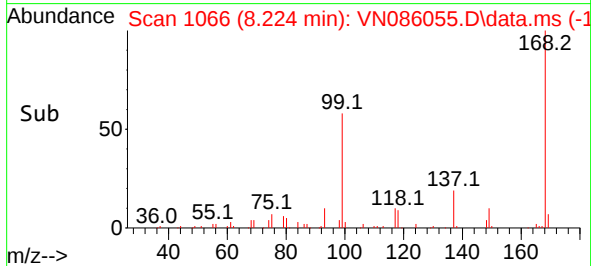
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE



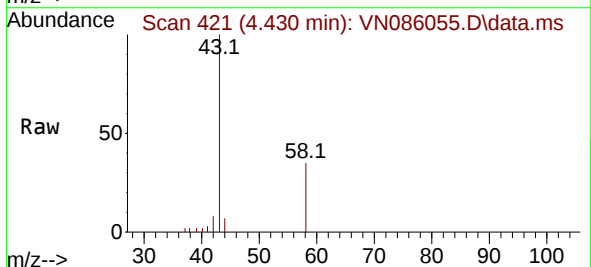
Tgt Ion:168 Resp: 15196
Ion Ratio Lower Upper
168 100
99 57.6 49.4 74.2

Manual Integrations
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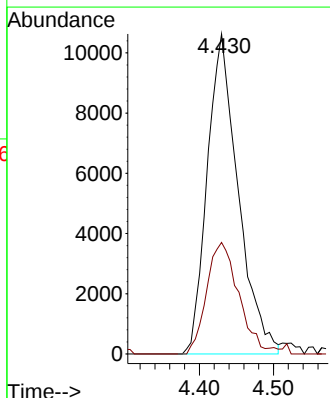
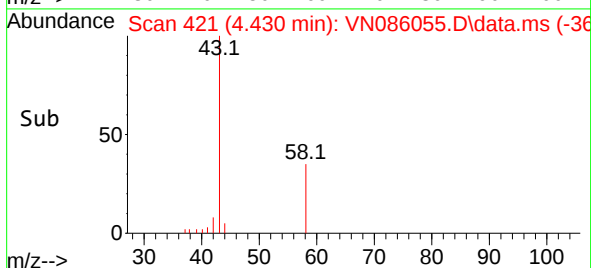
Reviewed By :John Carlone 03/24/2025
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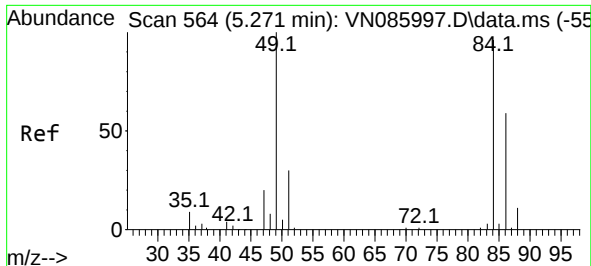


#16
Acetone
Concen: 48.408 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086055.D
Acq: 21 Mar 2025 21:18



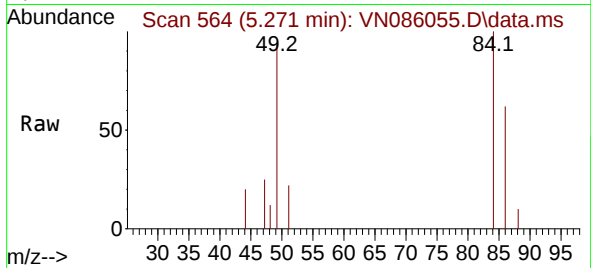
Tgt Ion: 43 Resp: 30774
Ion Ratio Lower Upper
43 100
58 34.8 29.4 44.2





#20
Methylene Chloride
Concen: 4.696 ug/l
RT: 5.271 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN086055.D
Acq: 21 Mar 2025 21:18

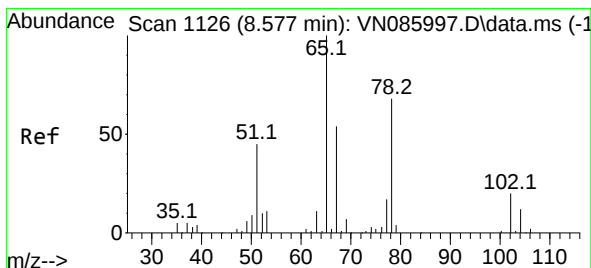
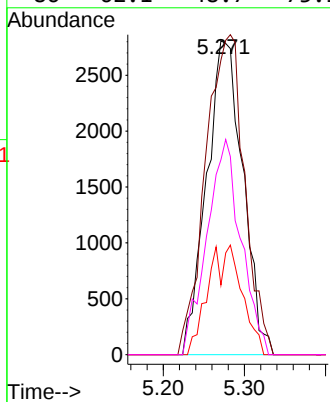
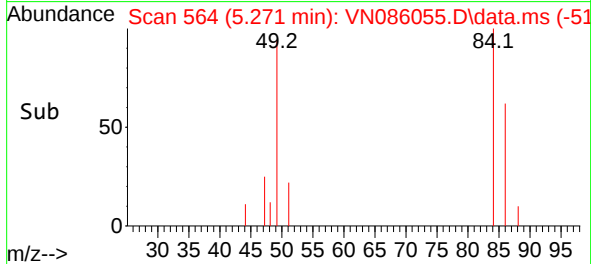
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE



Tgt Ion: 84 Resp: 873
Ion Ratio Lower Upper
84 100
49 93.9 83.3 124.9
51 22.2 24.8 37.2
86 62.1 48.7 73.1

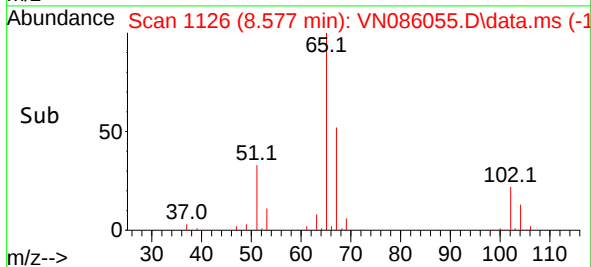
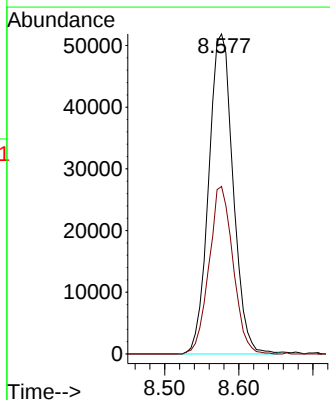
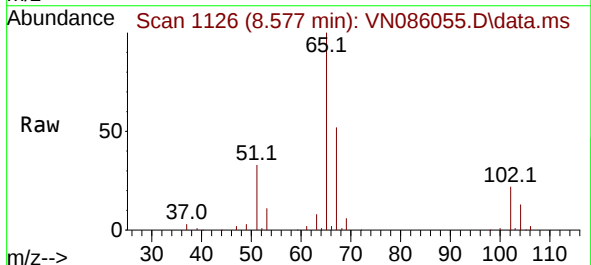
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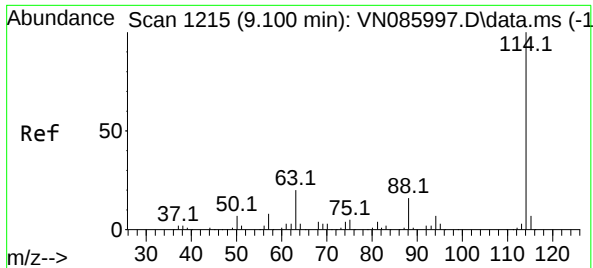
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#33
1,2-Dichloroethane-d4
Concen: 56.947 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086055.D
Acq: 21 Mar 2025 21:18

Tgt Ion: 65 Resp: 118499
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.2





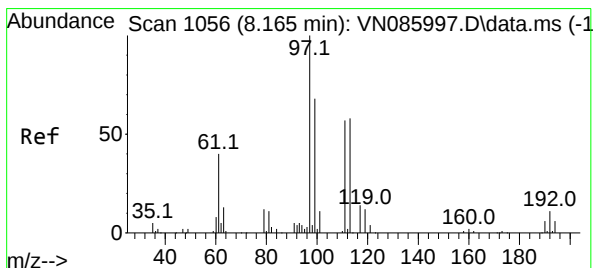
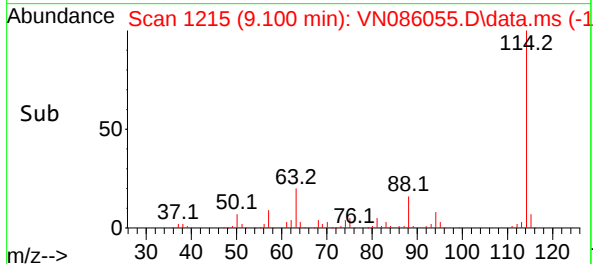
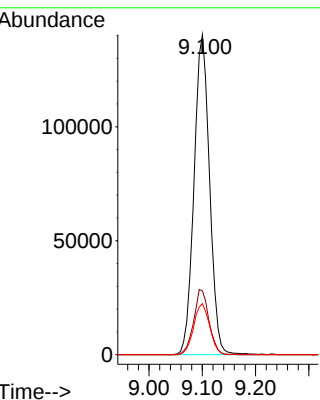
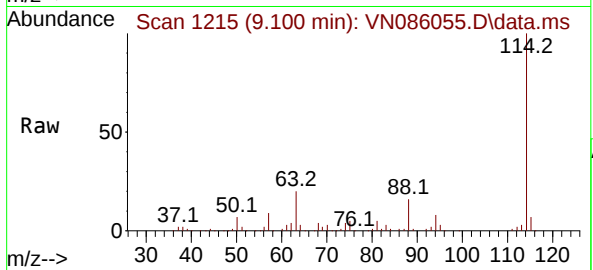
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN086055.D
Acq: 21 Mar 2025 21:18

Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE

Tgt Ion:114 Resp: 284628
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.6
88 15.9 0.0 32.6

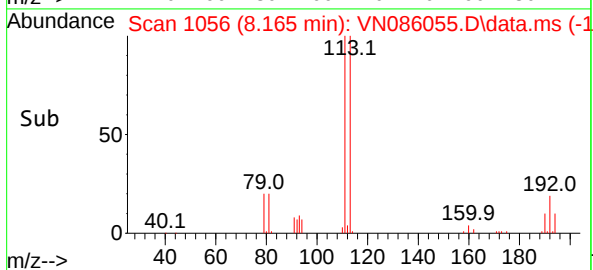
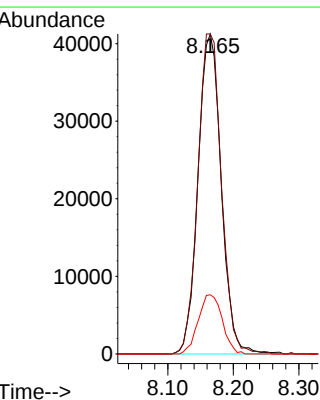
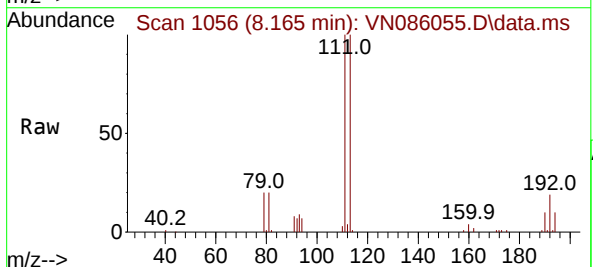
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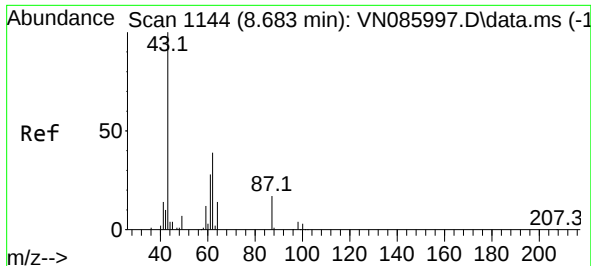
Reviewed By :John Carlone 03/24/2025
Supervised By :Semsettin Yesilyurt 03/24/2025



#35
Dibromofluoromethane
Concen: 50.899 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086055.D
Acq: 21 Mar 2025 21:18

Tgt Ion:113 Resp: 101119
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 19.2 15.9 23.9





#43

Isopropyl Acetate

Concen: 19.139 ug/l m

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN086055.D

Acq: 21 Mar 2025 21:18

Instrument :

MSVOA_N

ClientSampleId :

SOIL-PILE

Tgt Ion: 43 Resp: 91530

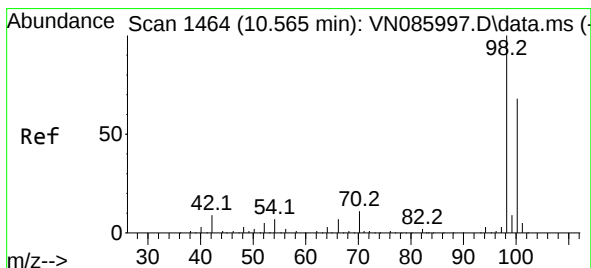
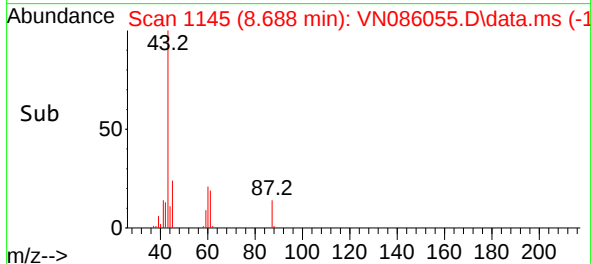
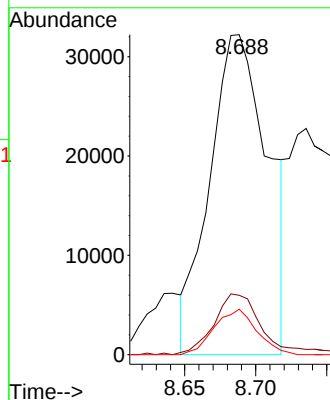
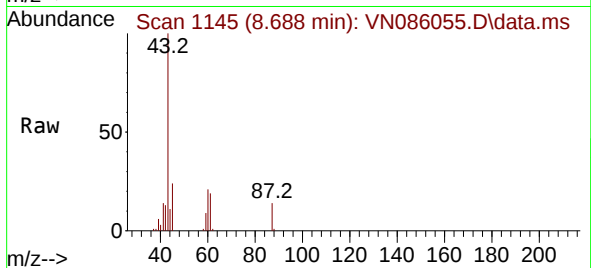
Ion	Ratio	Lower	Upper
43	100		
61	15.9	25.0	37.6
87	10.4	13.0	19.4

Manual Integrations

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#50

Toluene-d8

Concen: 49.915 ug/l

RT: 10.565 min Scan# 1464

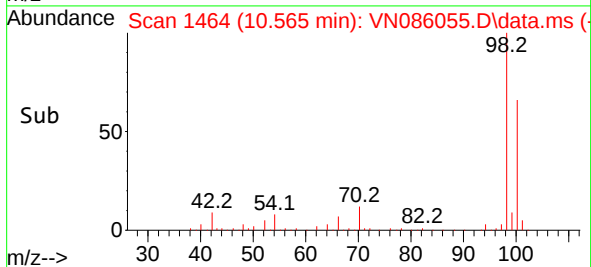
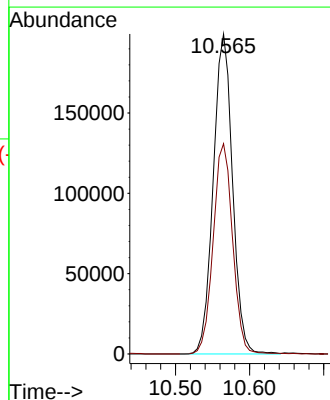
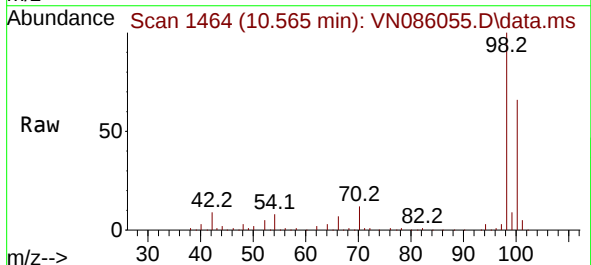
Delta R.T. -0.000 min

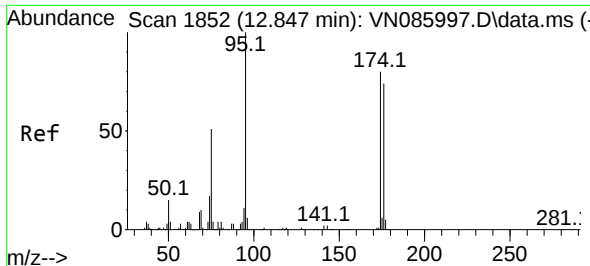
Lab File: VN086055.D

Acq: 21 Mar 2025 21:18

Tgt Ion: 98 Resp: 359896

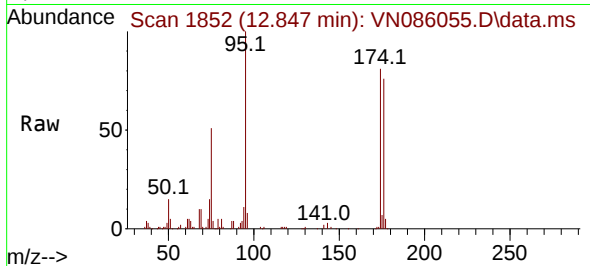
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7





#62
4-Bromofluorobenzene
Concen: 40.956 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086055.D
Acq: 21 Mar 2025 21:18

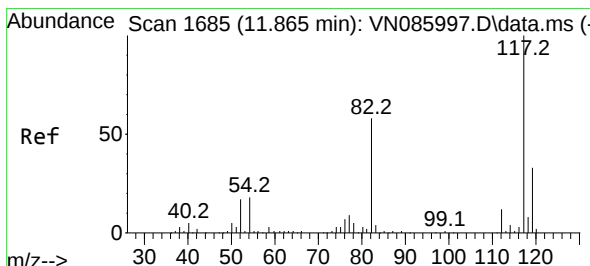
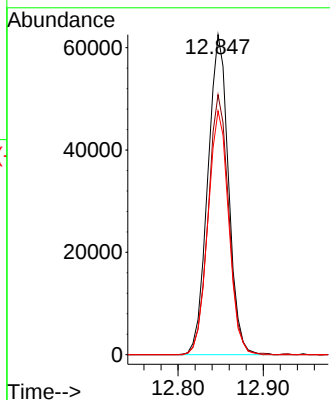
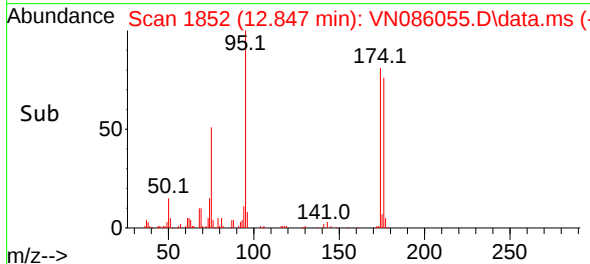
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE



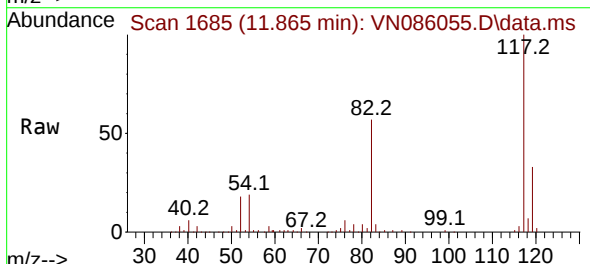
Tgt Ion: 95 Resp: 105311
Ion Ratio Lower Upper
95 100
174 81.3 0.0 156.8
176 76.5 0.0 152.2

Manual Integrations
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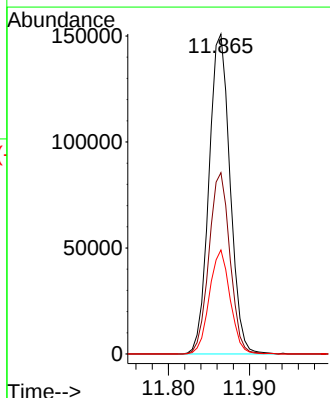
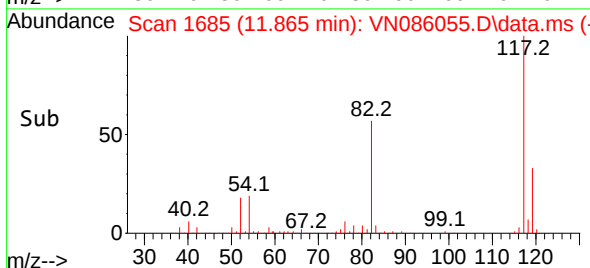
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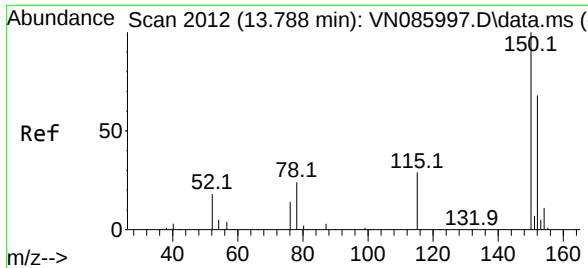


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086055.D
Acq: 21 Mar 2025 21:18



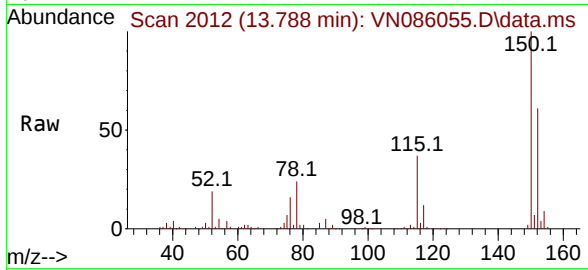
Tgt Ion:117 Resp: 272284
Ion Ratio Lower Upper
117 100
82 56.7 46.7 70.1
119 32.5 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086055.D
 Acq: 21 Mar 2025 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE



Tgt Ion:152 Resp: 9963
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.1 93.2
 150 160.2 0.0 359.6

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