

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087760.D
 Acq On : 08 Sep 2025 14:42
 Operator : JC\MD
 Sample : Q3032-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE-2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/09/2025
 Supervised By : Mahesh Dadoda 09/09/2025

Quant Time: Sep 09 02:29:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	159239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	389686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	380890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	180770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	181221	55.545	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.080%			
35) Dibromofluoromethane	8.147	113	145598	51.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.500%			
50) Toluene-d8	10.547	98	521403	49.514	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.020%			
62) 4-Bromofluorobenzene	12.829	95	181031	48.340	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.680%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.542	59	4626m	8.167	ug/l	
16) Acetone	4.424	43	61220	34.469	ug/l	92
18) Methyl Acetate	5.024	43	30099	8.094	ug/l	100
20) Methylene Chloride	5.259	84	9689	2.595	ug/l	95
25) 2-Butanone	7.471	43	30576	13.085	ug/l	95
37) Ethyl Acetate	7.547	43	14840	2.516	ug/l	98
43) Isopropyl Acetate	8.671	43	10190	1.107	ug/l #	89

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

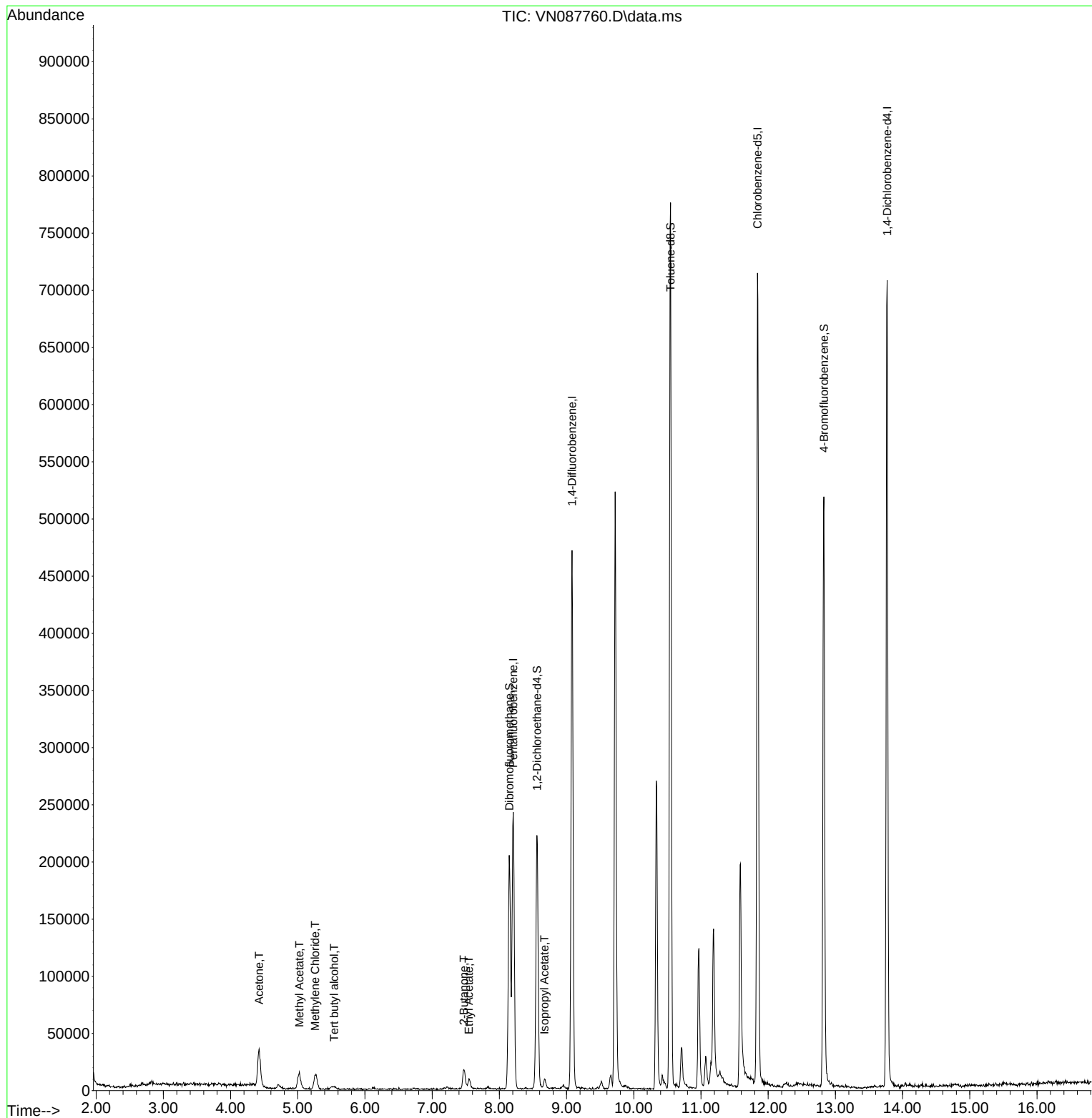
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
Data File : VN087760.D
Acq On : 08 Sep 2025 14:42
Operator : JC\MD
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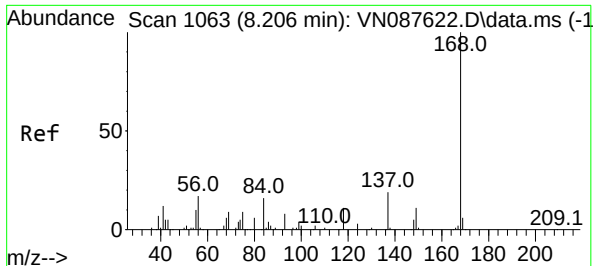
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-2

Quant Time: Sep 09 02:29:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Manual Integrations
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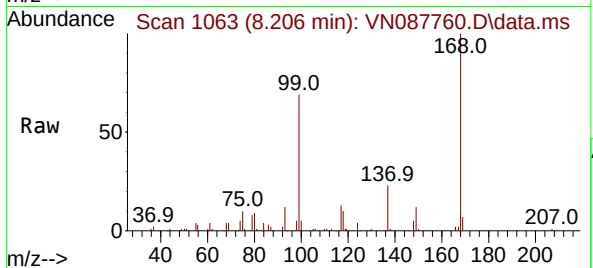
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087760.D
Acq: 08 Sep 2025 14:42

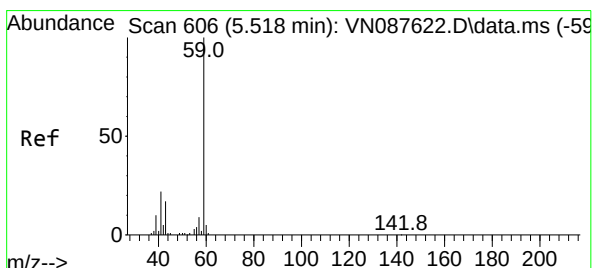
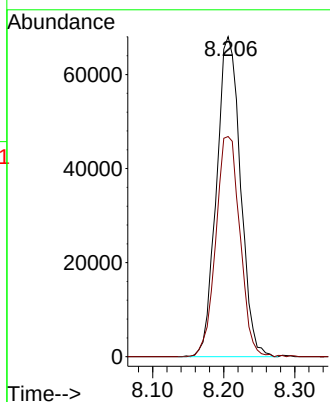
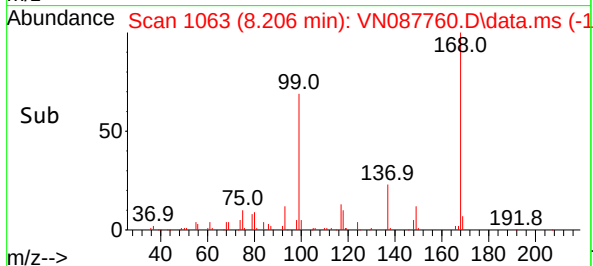
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-2



Tgt Ion:168 Resp: 159239
Ion Ratio Lower Upper
168 100
99 68.8 57.2 85.8

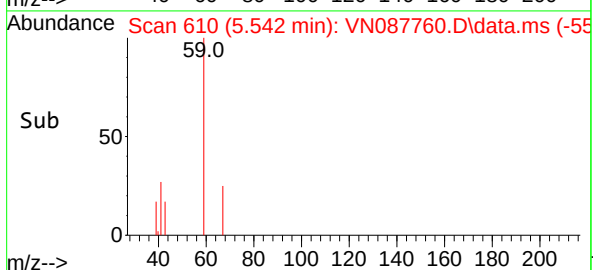
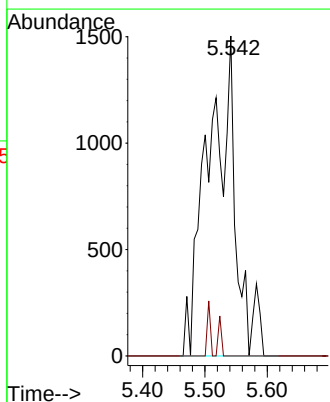
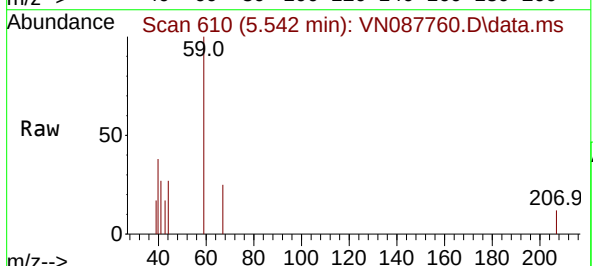
Manual Integrations
APPROVED

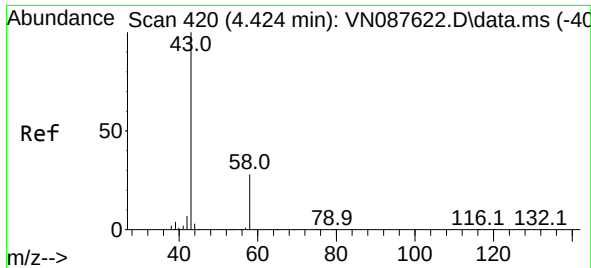
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025



#11
Tert butyl alcohol
Concen: 8.167 ug/l m
RT: 5.542 min Scan# 610
Delta R.T. 0.023 min
Lab File: VN087760.D
Acq: 08 Sep 2025 14:42

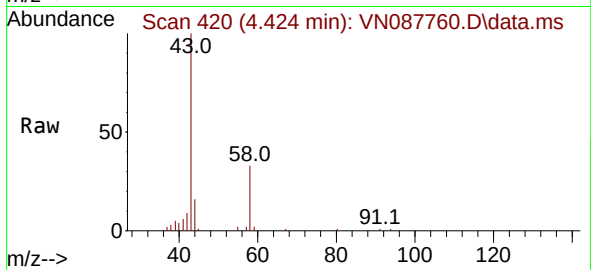
Tgt Ion: 59 Resp: 4626
Ion Ratio Lower Upper
59 100
57 1.4 9.0 13.4#





#16
Acetone
Concen: 34.469 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087760.D
Acq: 08 Sep 2025 14:42

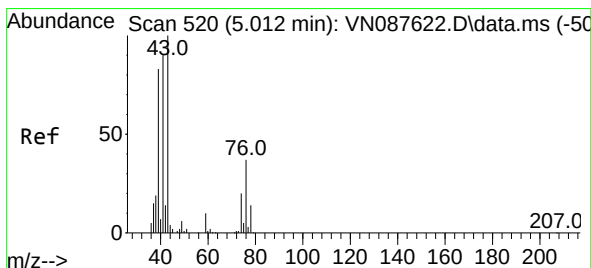
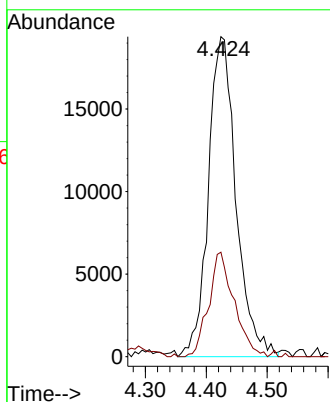
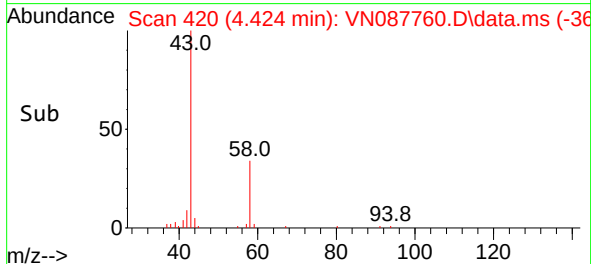
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-2



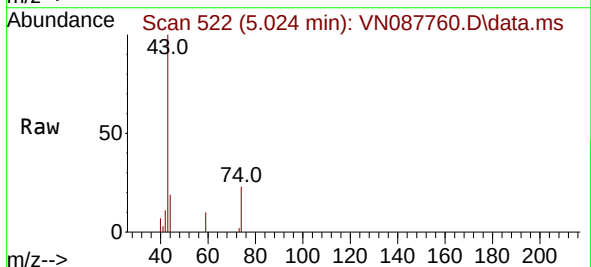
Tgt Ion: 43 Resp: 61220
Ion Ratio Lower Upper
43 100
58 32.6 22.6 33.8

Manual Integrations
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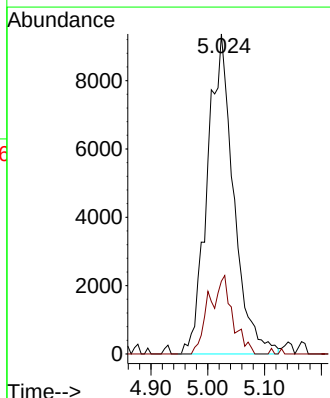
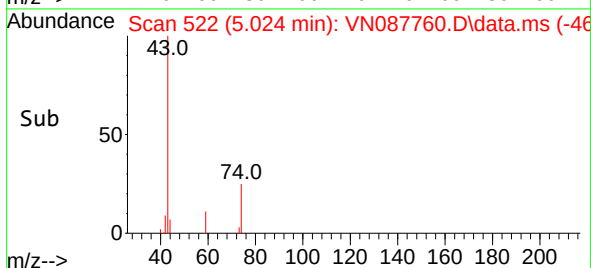
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025

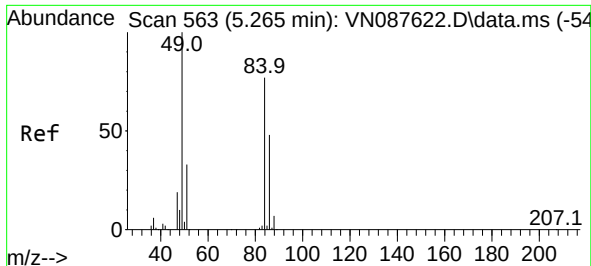


#18
Methyl Acetate
Concen: 8.094 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087760.D
Acq: 08 Sep 2025 14:42



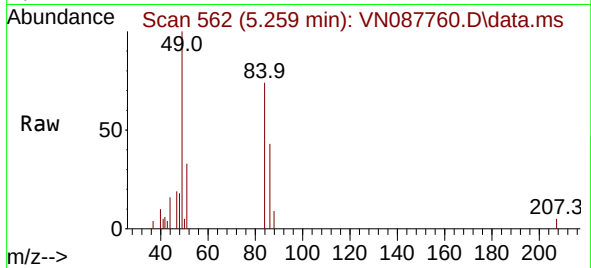
Tgt Ion: 43 Resp: 30099
Ion Ratio Lower Upper
43 100
74 21.9 17.6 26.4





#20
Methylene Chloride
Concen: 2.595 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087760.D
Acq: 08 Sep 2025 14:42

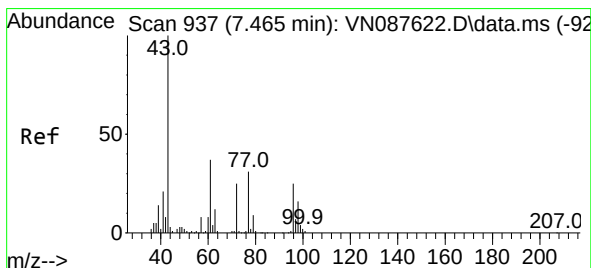
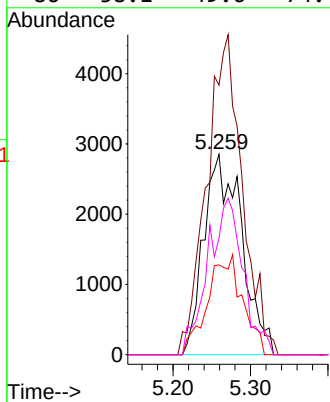
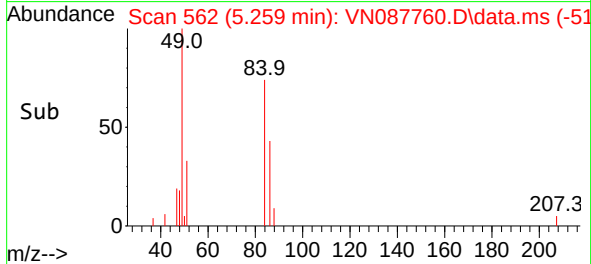
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-2



Tgt Ion	Ratio	Lower	Upper
84	100		
49	134.6	103.4	155.2
51	44.8	33.8	50.8
86	58.1	49.6	74.4

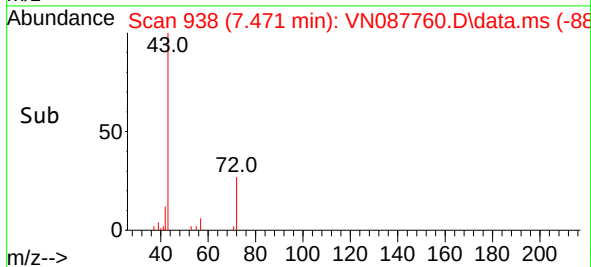
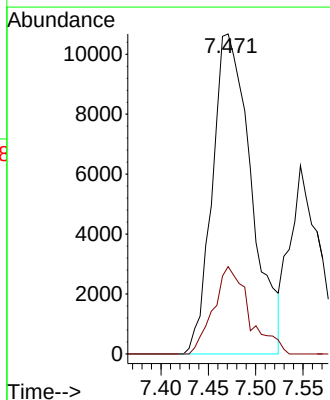
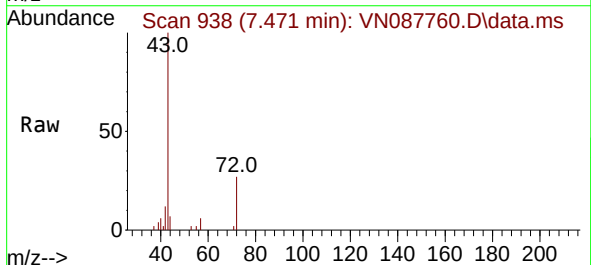
Manual Integrations
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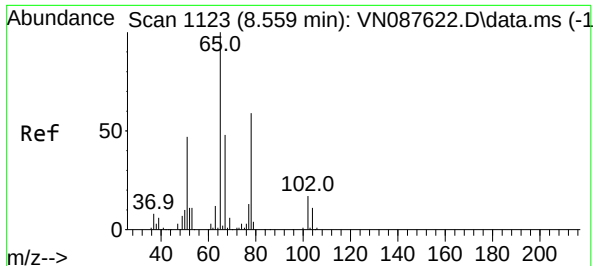
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025



#25
2-Butanone
Concen: 13.085 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087760.D
Acq: 08 Sep 2025 14:42

Tgt Ion	Ratio	Lower	Upper
43	100		
72	27.3	19.9	29.9





#33

1,2-Dichloroethane-d4

Concen: 55.545 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087760.D

Acq: 08 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

SOIL-PILE-2

Tgt Ion: 65 Resp: 18122

Ion Ratio Lower Upper

65 100

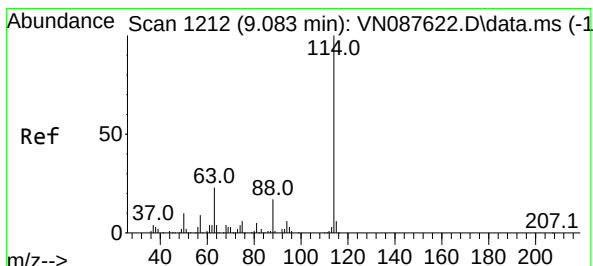
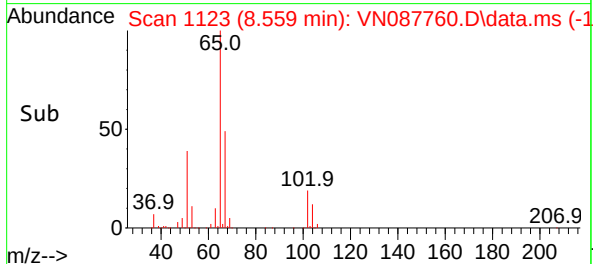
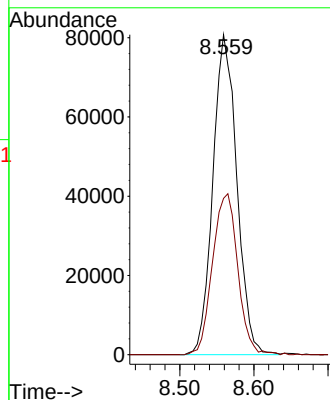
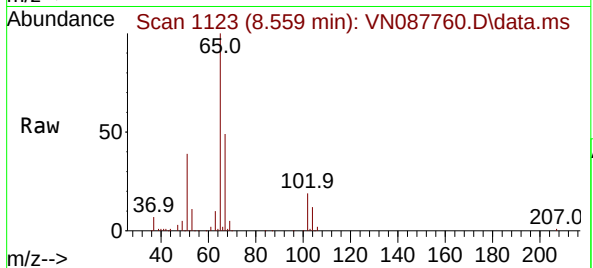
67 53.1 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/09/2025

Supervised By :Mahesh Dadoda 09/09/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087760.D

Acq: 08 Sep 2025 14:42

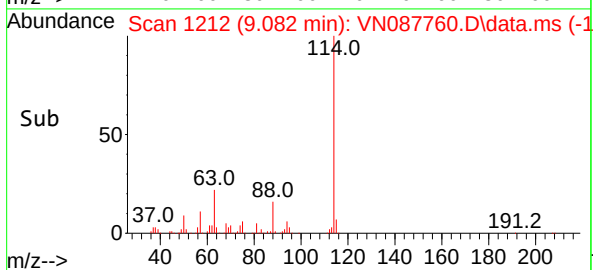
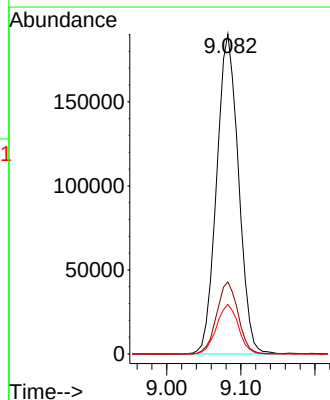
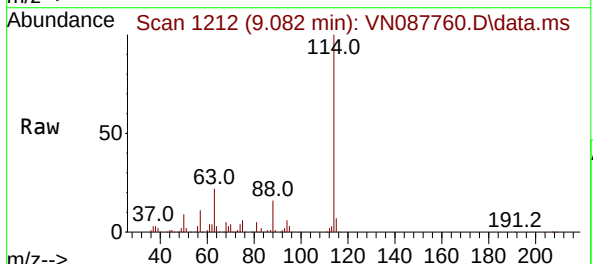
Tgt Ion:114 Resp: 389686

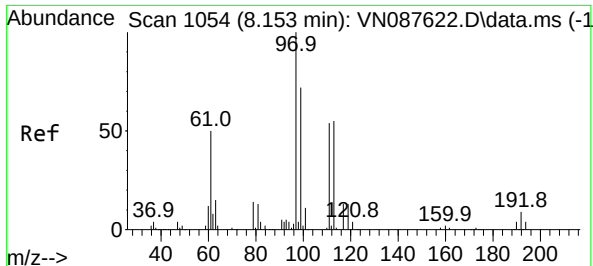
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.749 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087760.D

Acq: 08 Sep 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

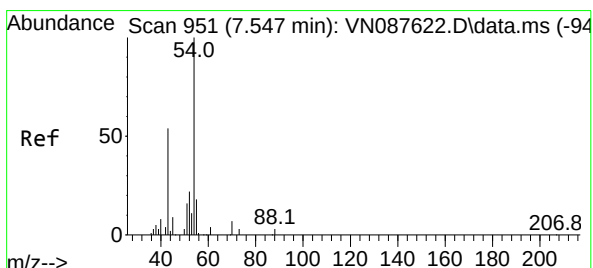
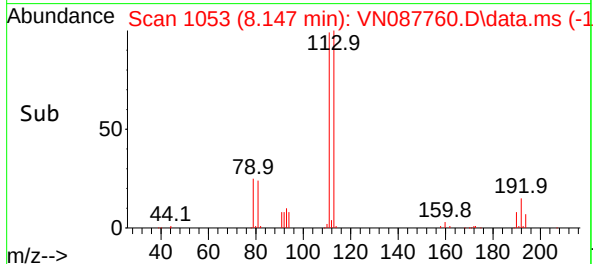
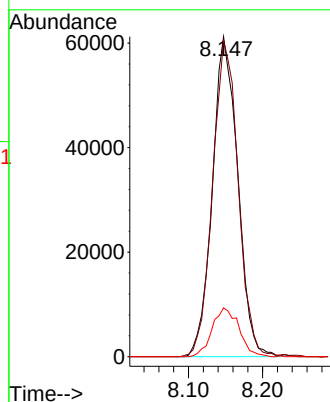
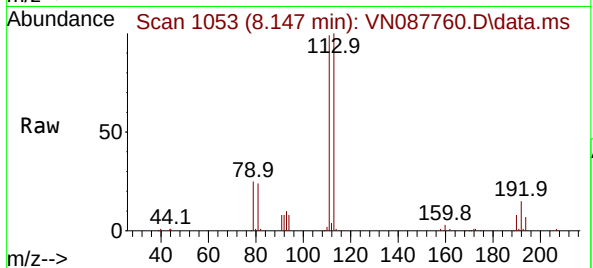
SOIL-PILE-2

Tgt Ion:	113	Resp:	145598
Ion	Ratio	Lower	Upper
113	100		
111	99.4	82.8	124.2
192	16.1	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025



#37

Ethyl Acetate

Concen: 2.516 ug/l

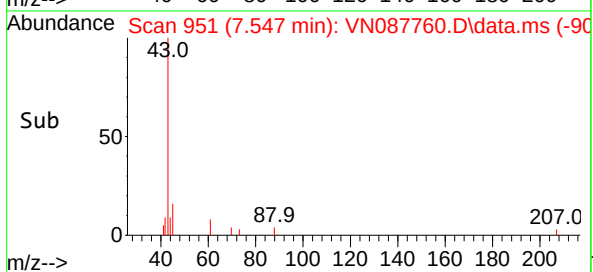
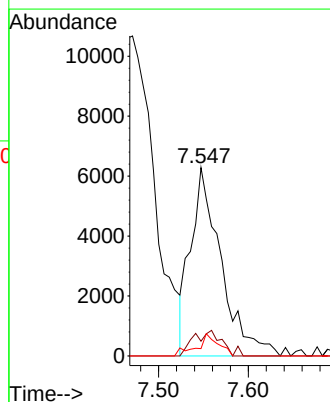
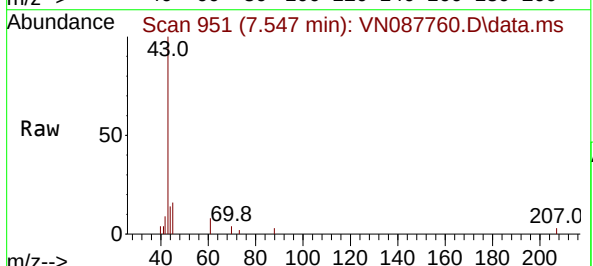
RT: 7.547 min Scan# 951

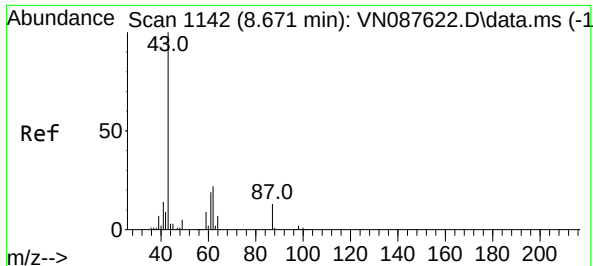
Delta R.T. -0.000 min

Lab File: VN087760.D

Acq: 08 Sep 2025 14:42

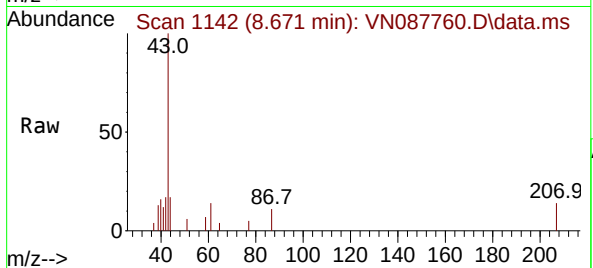
Tgt Ion:	43	Resp:	14840
Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.3	13.9
70	8.2	7.0	10.6





#43
Isopropyl Acetate
Concen: 1.107 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087760.D
Acq: 08 Sep 2025 14:42

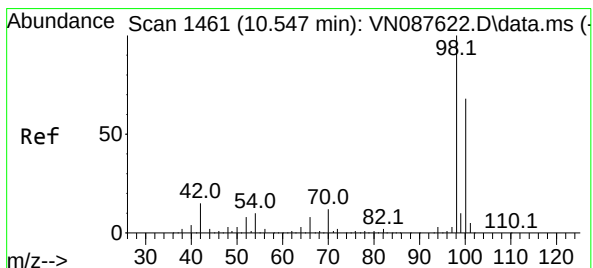
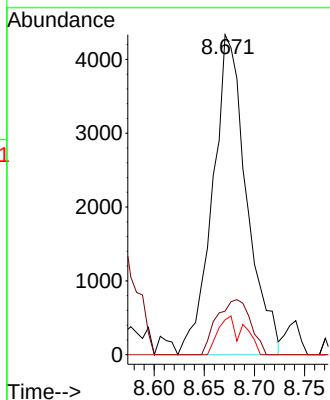
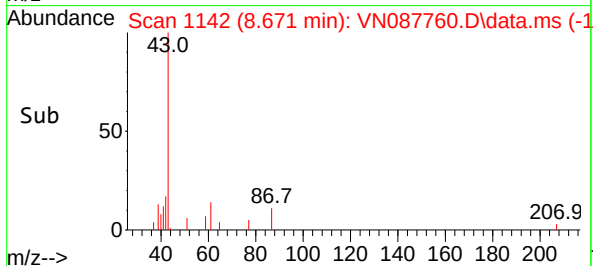
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-2



Tgt Ion: 43 Resp: 10190
Ion Ratio Lower Upper
43 100
61 17.1 18.8 28.2
87 9.2 9.6 14.4

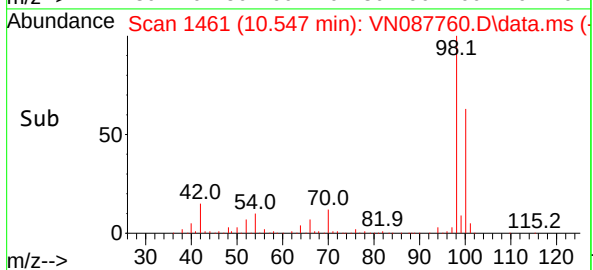
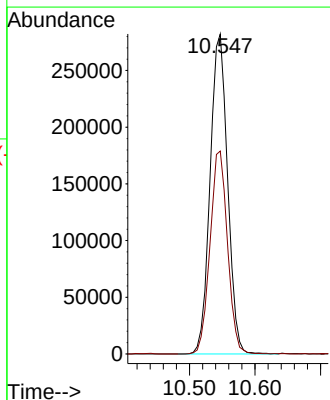
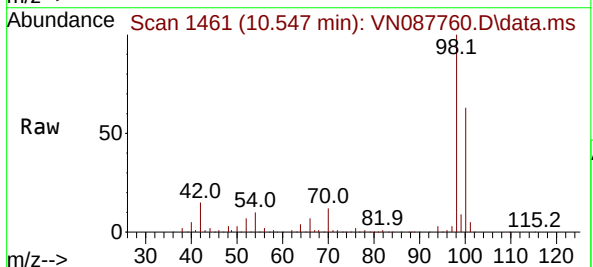
Manual Integrations
APPROVED

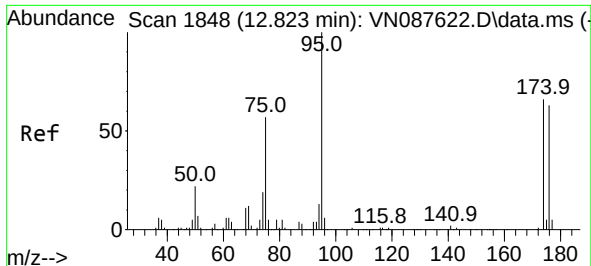
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025



#50
Toluene-d8
Concen: 49.514 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087760.D
Acq: 08 Sep 2025 14:42

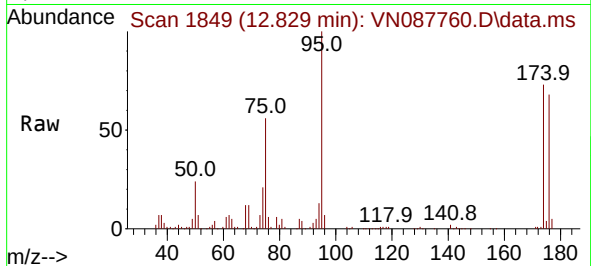
Tgt Ion: 98 Resp: 521403
Ion Ratio Lower Upper
98 100
100 63.5 52.8 79.2





#62
4-Bromofluorobenzene
Concen: 48.340 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087760.D
Acq: 08 Sep 2025 14:42

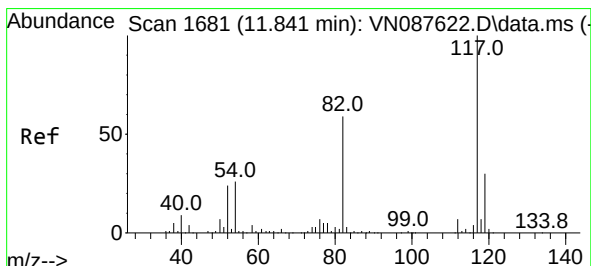
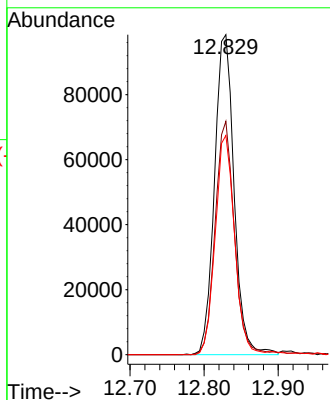
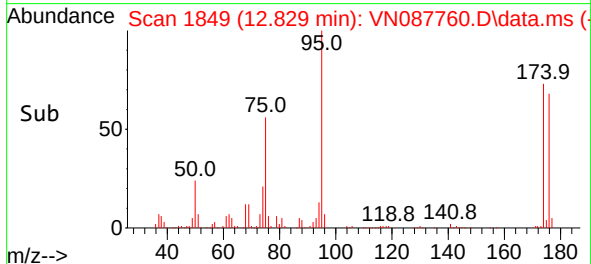
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-2



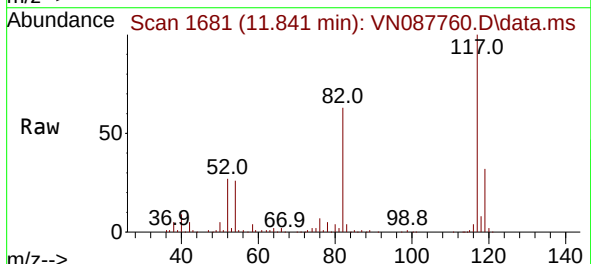
Tgt Ion: 95 Resp: 18103
Ion Ratio Lower Upper
95 100
174 72.1 0.0 138.4
176 67.6 0.0 132.6

Manual Integrations
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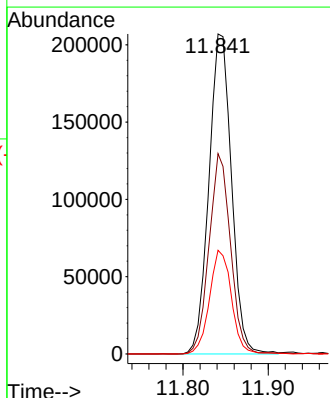
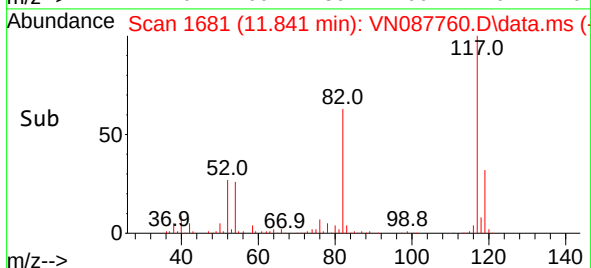
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025

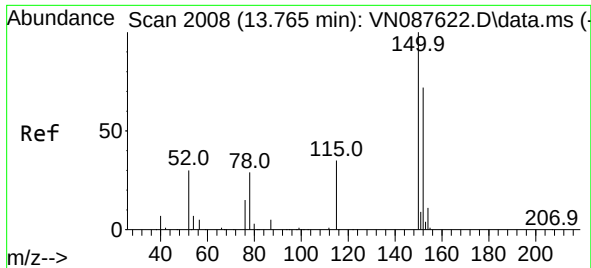


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087760.D
Acq: 08 Sep 2025 14:42



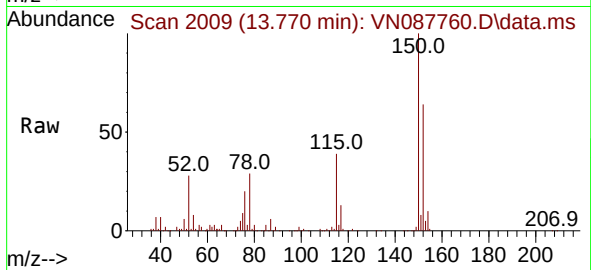
Tgt Ion:117 Resp: 380890
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 32.4 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087760.D
 Acq: 08 Sep 2025 14:42

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE-2



Tgt Ion:152 Resp: 180770
 Ion Ratio Lower Upper
 152 100
 115 61.7 32.3 96.8
 150 159.7 0.0 351.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/09/2025
 Supervised By :Mahesh Dadoda 09/09/2025

