

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087759.D
 Acq On : 08 Sep 2025 14:21
 Operator : JC\MD
 Sample : Q3032-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE-1

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 02:29:13 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	173684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	396253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	398856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	185969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	184702	51.903	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.800%			
35) Dibromofluoromethane	8.147	113	143909	50.301	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.600%			
50) Toluene-d8	10.547	98	536840	50.135	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.260%			
62) 4-Bromofluorobenzene	12.823	95	182937	48.039	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.080%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.541	59	4186	6.776	ug/l #	84
16) Acetone	4.430	43	41838	21.597	ug/l	90
18) Methyl Acetate	5.024	43	31478	7.761	ug/l	100
20) Methylene Chloride	5.247	84	10376m	2.524	ug/l	
25) 2-Butanone	7.471	43	28484	11.176	ug/l	94
37) Ethyl Acetate	7.553	43	20641	3.442	ug/l #	94
43) Isopropyl Acetate	8.677	43	13801	1.474	ug/l #	92

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

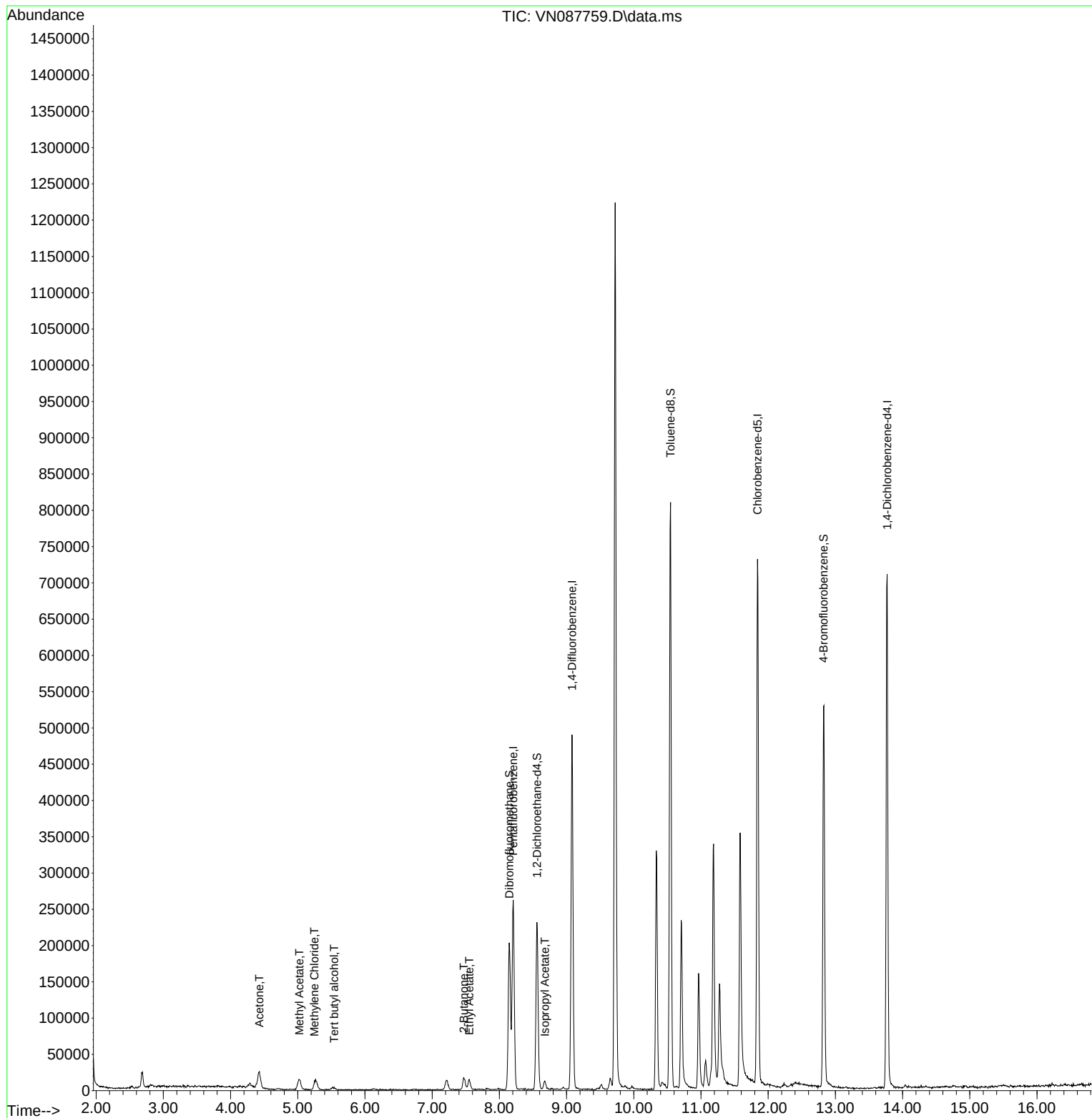
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
Data File : VN087759.D
Acq On : 08 Sep 2025 14:21
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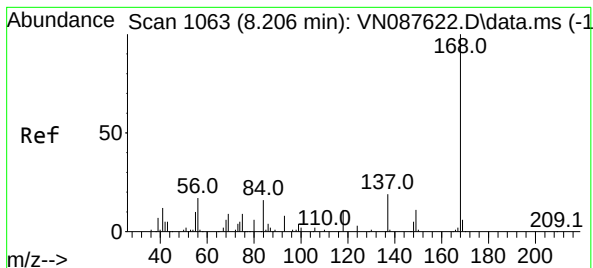
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-1

Quant Time: Sep 09 02:29:13 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

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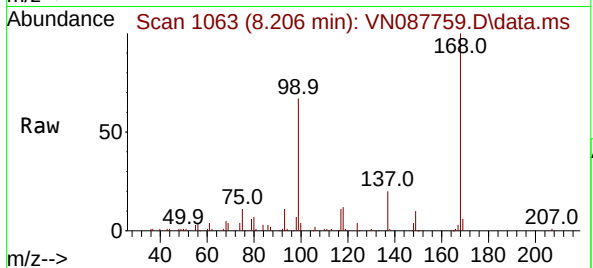
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087759.D
Acq: 08 Sep 2025 14:21

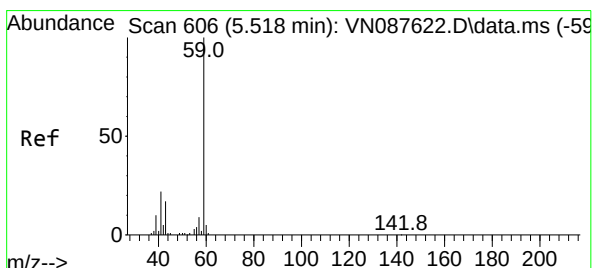
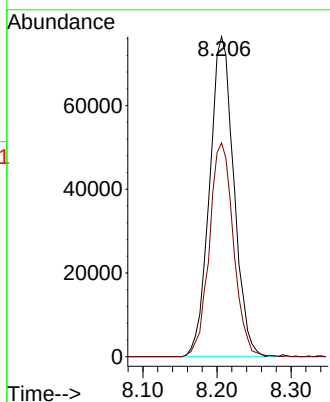
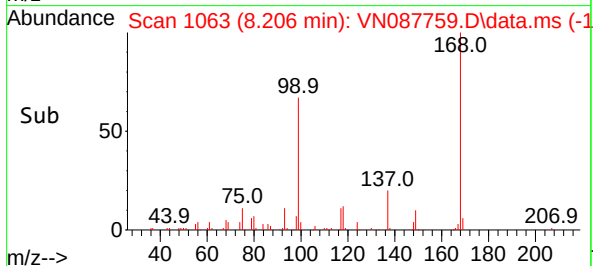
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-1



Tgt Ion:168 Resp: 173684
Ion Ratio Lower Upper
168 100
99 66.8 57.2 85.8

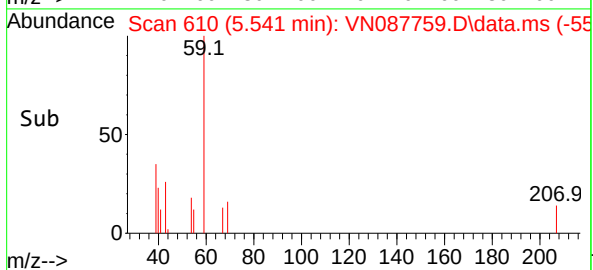
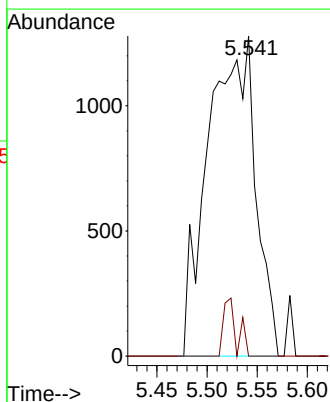
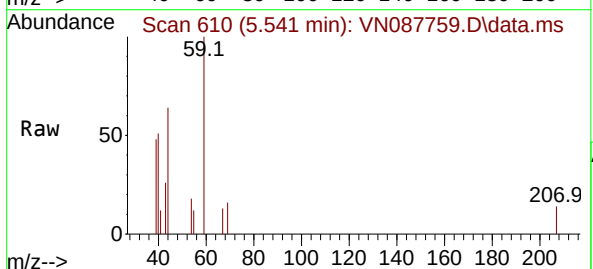
Manual Integrations
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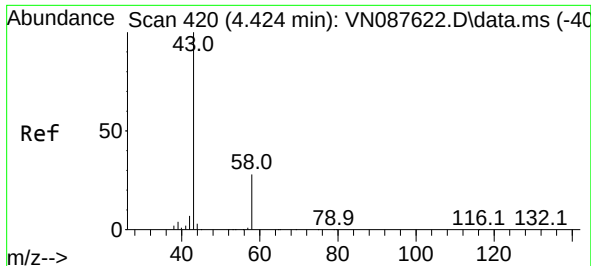
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025



#11
Tert butyl alcohol
Concen: 6.776 ug/l
RT: 5.541 min Scan# 610
Delta R.T. 0.023 min
Lab File: VN087759.D
Acq: 08 Sep 2025 14:21

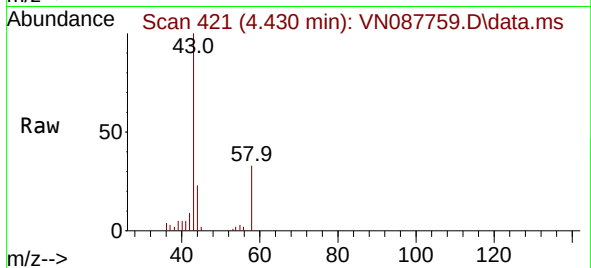
Tgt Ion: 59 Resp: 4186
Ion Ratio Lower Upper
59 100
57 5.0 9.0 13.4#





#16
Acetone
Concen: 21.597 ug/l
RT: 4.430 min Scan# 4183
Delta R.T. 0.006 min
Lab File: VN087759.D
Acq: 08 Sep 2025 14:21

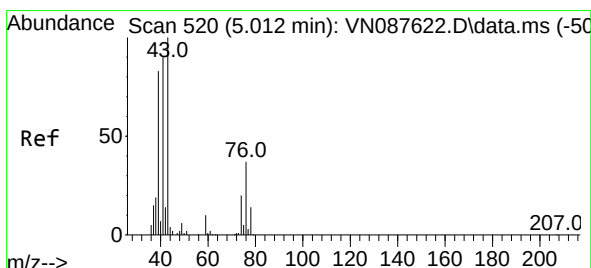
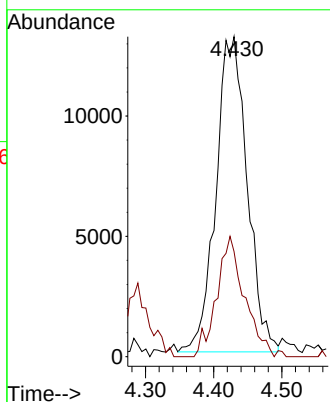
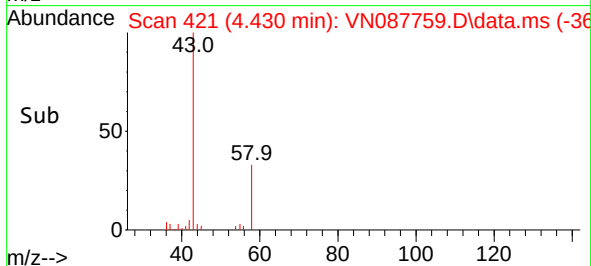
Instrument :
MSVOA_N
Client Sample Id :
SOIL-PILE-1



Tgt Ion: 43 Resp: 4183
Ion Ratio Lower Upper
43 100
58 33.4 22.6 33.8

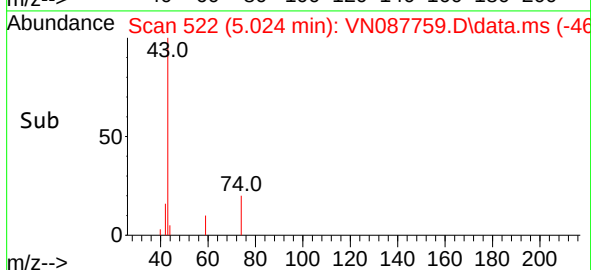
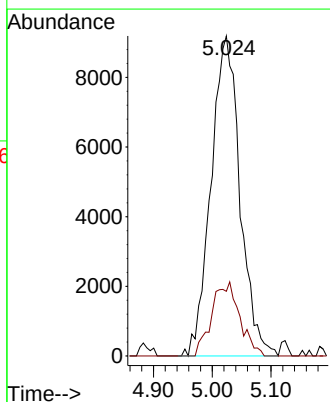
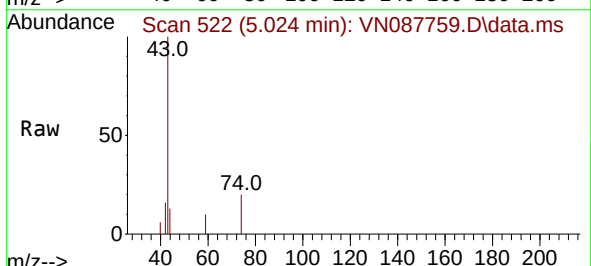
Manual Integrations
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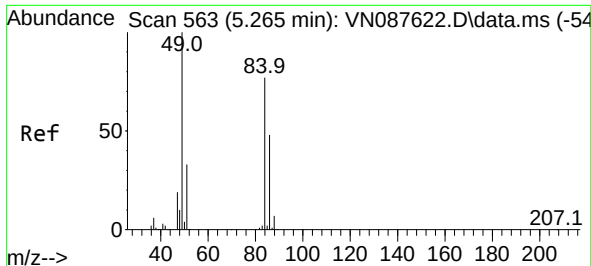
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025



#18
Methyl Acetate
Concen: 7.761 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087759.D
Acq: 08 Sep 2025 14:21

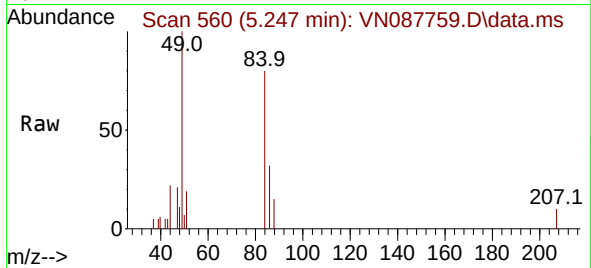
Tgt Ion: 43 Resp: 31478
Ion Ratio Lower Upper
43 100
74 22.2 17.6 26.4





#20
Methylene Chloride
Concen: 2.524 ug/l m
RT: 5.247 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN087759.D
Acq: 08 Sep 2025 14:21

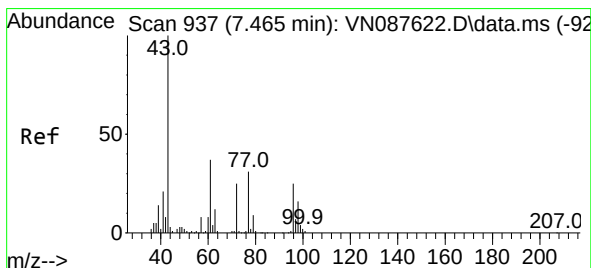
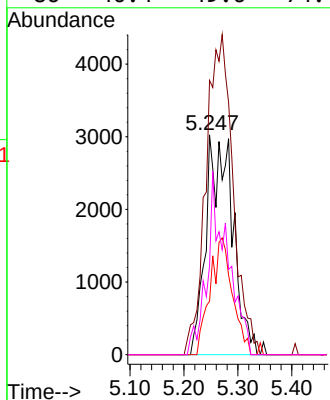
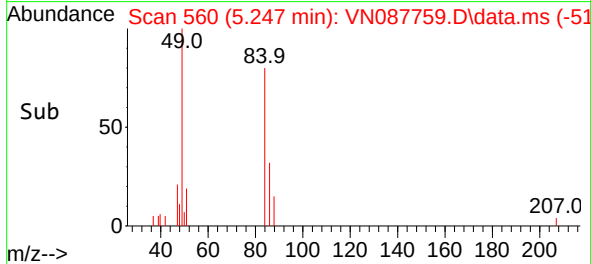
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-1



Tgt Ion:	84	Resp:	10370
Ion	Ratio	Lower	Upper
84	100		
49	124.7	103.4	155.2
51	24.3	33.8	50.8
86	40.4	49.6	74.4

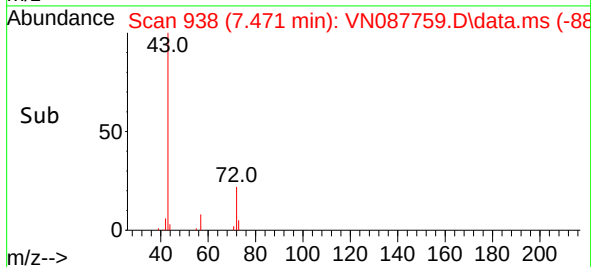
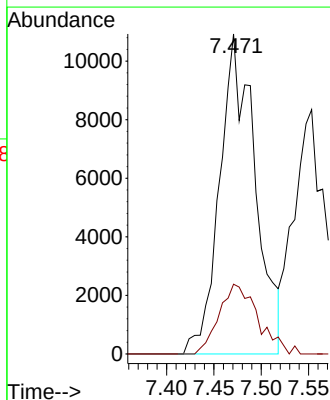
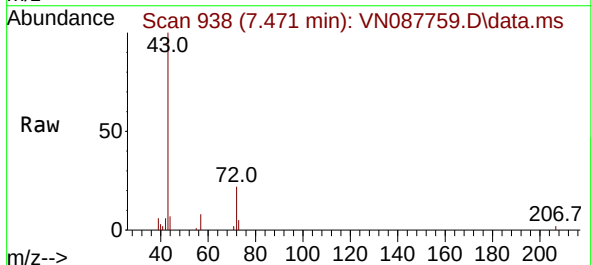
Manual Integrations
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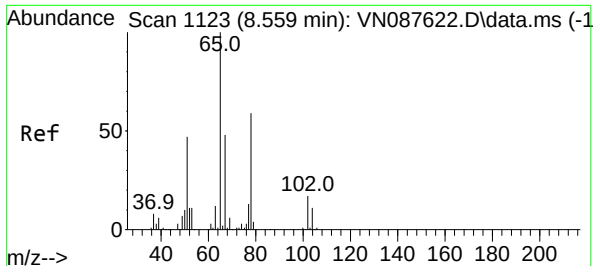
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025



#25
2-Butanone
Concen: 11.176 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087759.D
Acq: 08 Sep 2025 14:21

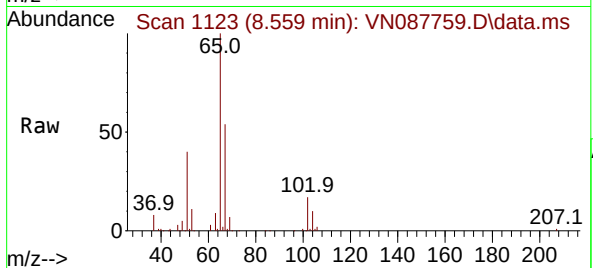
Tgt Ion:	43	Resp:	28484
Ion	Ratio	Lower	Upper
43	100		
72	21.8	19.9	29.9





#33
1,2-Dichloroethane-d4
Concen: 51.903 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087759.D
Acq: 08 Sep 2025 14:21

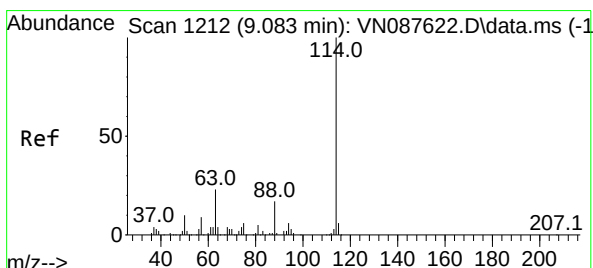
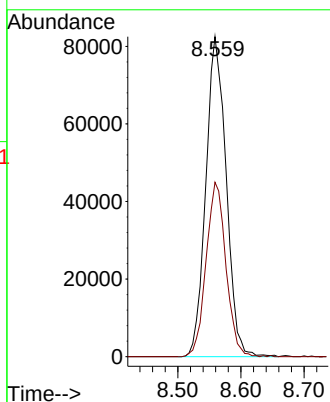
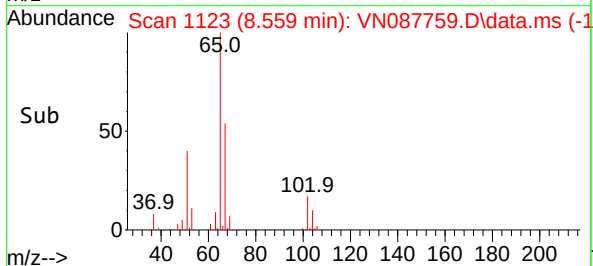
Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-1



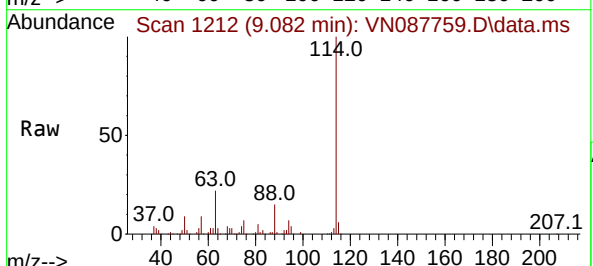
Tgt Ion: 65 Resp: 184702
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.0

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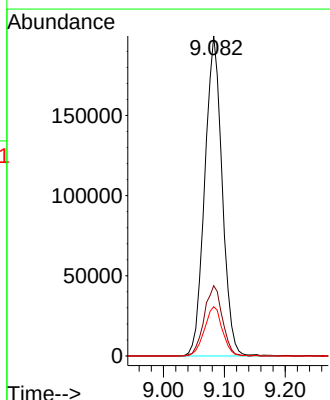
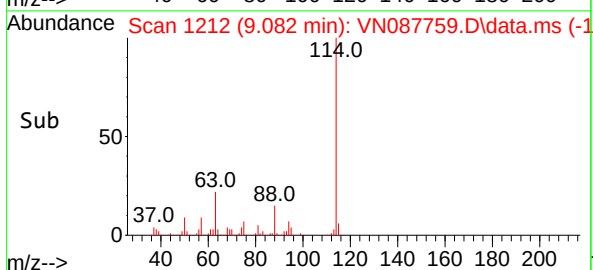
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025

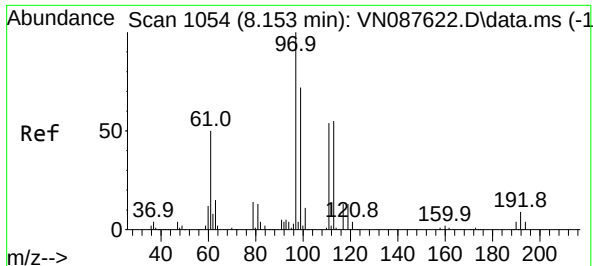


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087759.D
Acq: 08 Sep 2025 14:21



Tgt Ion:114 Resp: 396253
Ion Ratio Lower Upper
114 100
63 21.9 0.0 45.2
88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.301 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087759.D

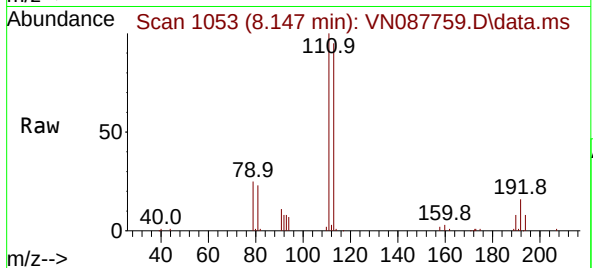
Acq: 08 Sep 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

SOIL-PILE-1

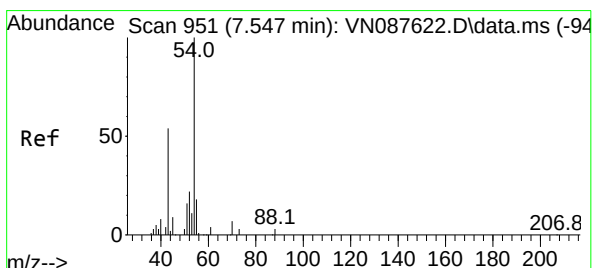
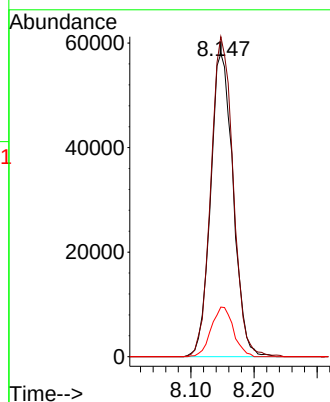
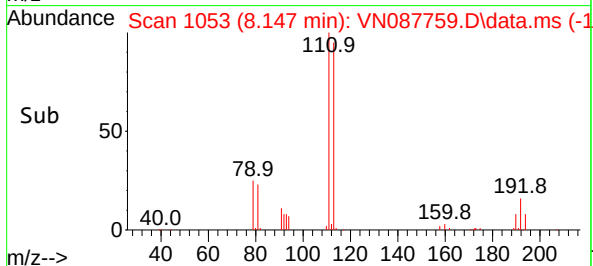


Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.8	124.2
192	16.1	12.8	19.2

Manual Integrations

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



#37

Ethyl Acetate

Concen: 3.442 ug/l

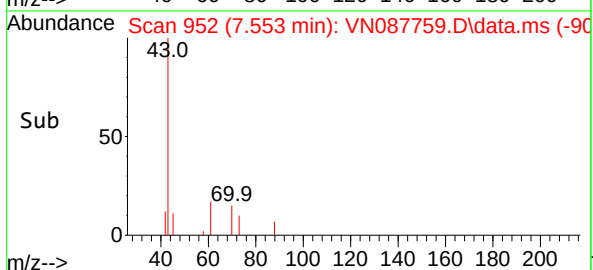
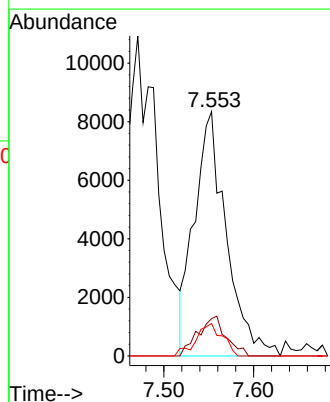
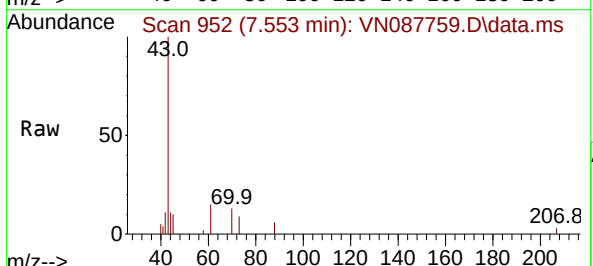
RT: 7.553 min Scan# 952

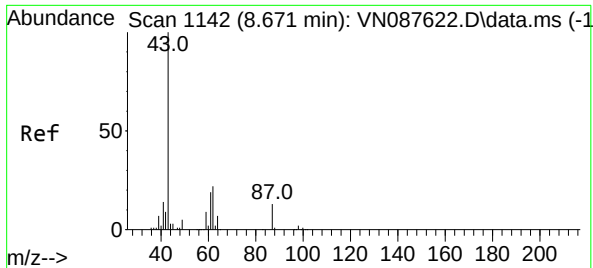
Delta R.T. 0.006 min

Lab File: VN087759.D

Acq: 08 Sep 2025 14:21

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	9.3	13.9#
70	11.0	7.0	10.6#





#43
Isopropyl Acetate
Concen: 1.474 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087759.D
Acq: 08 Sep 2025 14:21

Instrument :

MSVOA_N

ClientSampleId :

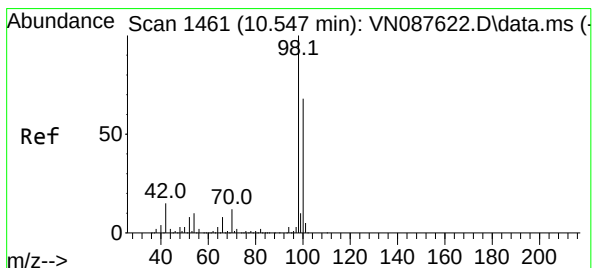
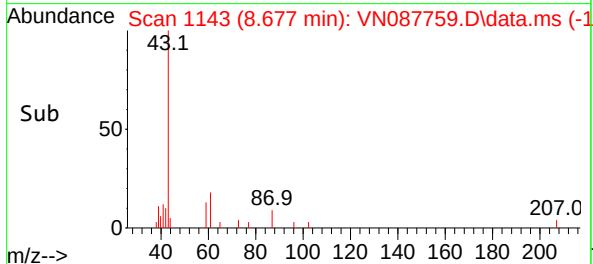
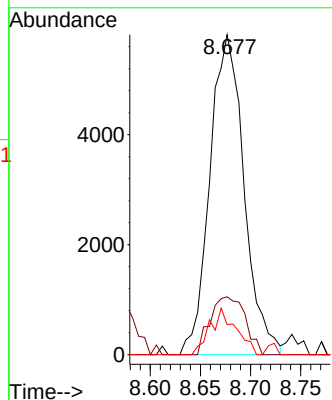
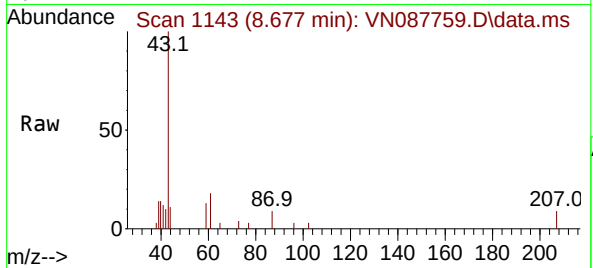
SOIL-PILE-1

Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
61 18.5 18.8 28.2
87 11.1 9.6 14.4

Manual Integrations

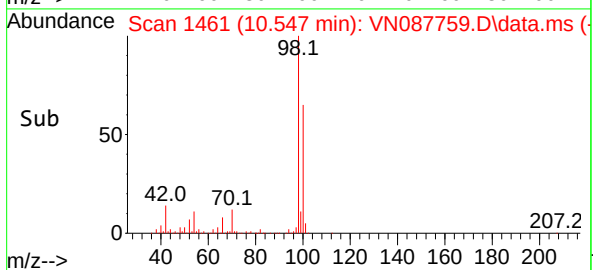
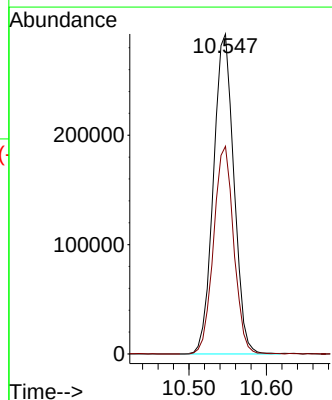
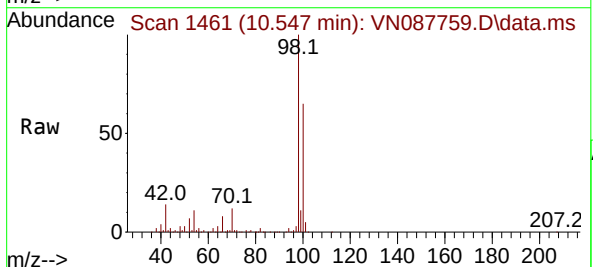
APPROVED

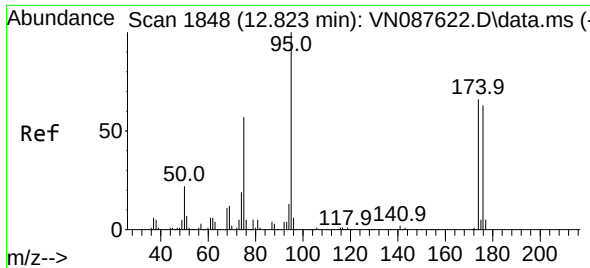
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025



#50
Toluene-d8
Concen: 50.135 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087759.D
Acq: 08 Sep 2025 14:21

Tgt Ion: 98 Resp: 536840
Ion Ratio Lower Upper
98 100
100 63.9 52.8 79.2





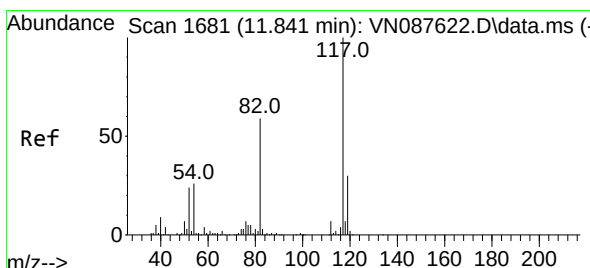
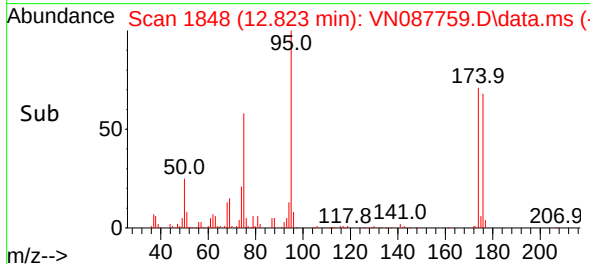
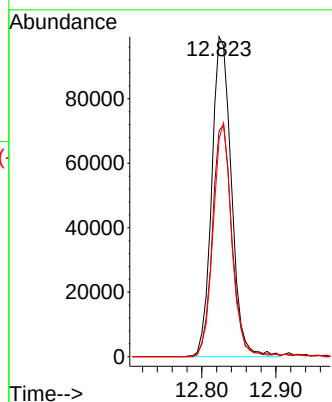
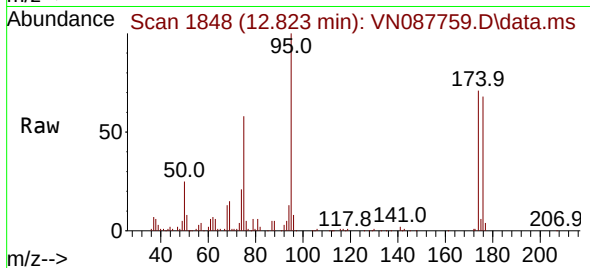
#62
4-Bromofluorobenzene
Concen: 48.039 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087759.D
Acq: 08 Sep 2025 14:21

Instrument :
MSVOA_N
ClientSampleId :
SOIL-PILE-1

Tgt Ion: 95 Resp: 18293
Ion Ratio Lower Upper
95 100
174 71.2 0.0 138.4
176 69.2 0.0 132.6

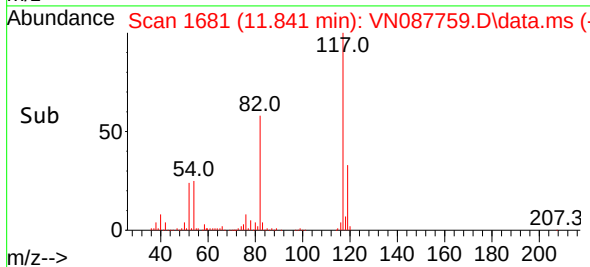
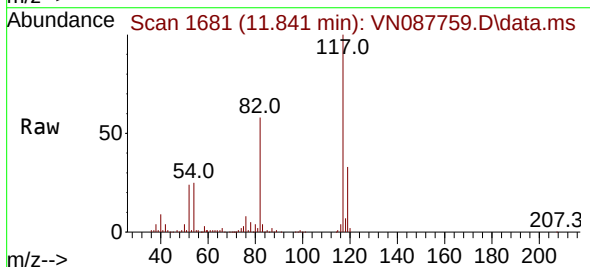
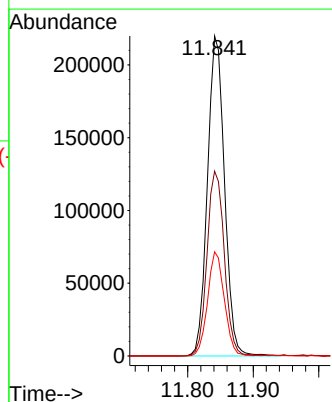
Manual Integrations
APPROVED

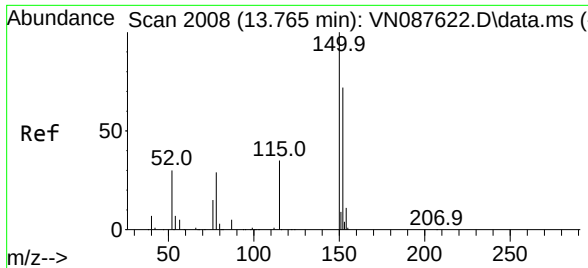
Reviewed By :Semsettin Yesilyurt 09/09/2025
Supervised By :Mahesh Dadoda 09/09/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087759.D
Acq: 08 Sep 2025 14:21

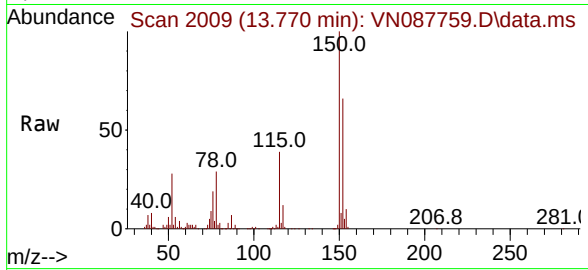
Tgt Ion:117 Resp: 398856
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.6 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087759.D
 Acq: 08 Sep 2025 14:21

Instrument :
 MSVOA_N
 ClientSampleId :
 SOIL-PILE-1



Tgt Ion:152 Resp: 185969
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 156.4 0.0 351.0

Manual Integrations
 APPROVED

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

