

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032111.D
 Acq On : 22 Aug 2025 15:24
 Operator : SY/MD
 Sample : Q2893-01
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Quant Time: Aug 25 03:54:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.953	168	192636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	346400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	328568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	165571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	138884	49.850	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.700%
35) Dibromofluoromethane	7.898	113	114485	51.158	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	102.320%
50) Toluene-d8	10.325	98	405799	49.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.617	95	141731	46.465	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	92.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	3765	2.733	ug/l	94
3) Chloromethane	2.253	50	4512	2.431	ug/l #	86
4) Vinyl Chloride	2.405	62	4994	2.225	ug/l	92
5) Bromomethane	2.820	94	4712	2.798	ug/l	99
6) Chloroethane	2.972	64	3474	2.339	ug/l	93
7) Trichlorofluoromethane	3.295	101	3980	2.213	ug/l	100
8) Diethyl Ether	3.722	74	5119	3.474	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.106	101	5987	2.822	ug/l	92
10) Methyl Iodide	4.301	142	8269	2.749	ug/l #	74
11) Tert butyl alcohol	5.222	59	2611	14.473	ug/l #	94
12) 1,1-Dichloroethene	4.076	96	6197	2.653	ug/l	88
13) Acrolein	3.948	56	872m	3.034	ug/l	
14) Allyl chloride	4.704	41	6882	2.024	ug/l #	81
15) Acrylonitrile	5.411	53	8172	11.645	ug/l	94
16) Acetone	4.161	43	14712	22.808	ug/l	99
17) Carbon Disulfide	4.423	76	12267	1.956	ug/l	97
18) Methyl Acetate	4.710	43	6098	2.988	ug/l	94
19) Methyl tert-butyl Ether	5.460	73	9679	2.351	ug/l	97
20) Methylene Chloride	4.948	84	21667	7.265	ug/l	94
21) trans-1,2-Dichloroethene	5.454	96	5987	2.415	ug/l	90
22) Diisopropyl ether	6.344	45	14834	2.070	ug/l #	91
23) Vinyl Acetate	6.277	43	43597	9.264	ug/l	96
24) 1,1-Dichloroethane	6.246	63	10925	2.386	ug/l #	92
25) 2-Butanone	7.197	43	10506	11.460	ug/l	98
26) 2,2-Dichloropropane	7.179	77	6196	2.697	ug/l	99
27) cis-1,2-Dichloroethene	7.179	96	6999	2.415	ug/l	98
28) Bromochloromethane	7.526	49	5135	2.464	ug/l	92
29) Tetrahydrofuran	7.551	42	6528	10.797	ug/l	96
30) Chloroform	7.685	83	12839	2.644	ug/l #	81
31) Cyclohexane	7.965	56	12334	3.106	ug/l #	80
32) 1,1,1-Trichloroethane	7.880	97	8796	2.494	ug/l	98
36) 1,1-Dichloropropene	8.100	75	7727	2.449	ug/l	95
37) Ethyl Acetate	7.276	43	4112	2.213	ug/l #	87
38) Carbon Tetrachloride	8.081	117	8518	2.798	ug/l	96
39) Methylcyclohexane	9.343	83	8918	2.319	ug/l	92
40) Benzene	8.331	78	24243	2.472	ug/l	98

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 Adoda

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.508	41	2813	2.670	ug/l	#	90
42) 1,2-Dichloroethane	8.410	62	9107	2.902	ug/l		98
43) Isopropyl Acetate	8.441	43	8195	2.397	ug/l	#	91
44) Trichloroethene	9.105	130	6279	2.689	ug/l		90
45) 1,2-Dichloropropane	9.374	63	5877	2.481	ug/l		98
46) Dibromomethane	9.465	93	4291	2.806	ug/l		95
47) Bromodichloromethane	9.648	83	9206	2.613	ug/l	#	89
48) Methyl methacrylate	9.441	41	4093	2.480	ug/l		90
49) 1,4-Dioxane	9.453	88	1138m	57.562	ug/l		
51) 4-Methyl-2-Pentanone	10.215	43	21718	11.256	ug/l		99
52) Toluene	10.386	92	15710	2.543	ug/l		96
53) t-1,3-Dichloropropene	10.605	75	7287	2.208	ug/l		97
54) cis-1,3-Dichloropropene	10.075	75	8541	2.281	ug/l		88
55) 1,1,2-Trichloroethane	10.782	97	5471	2.693	ug/l		92
56) Ethyl methacrylate	10.648	69	5790	2.129	ug/l		97
57) 1,3-Dichloropropane	10.934	76	8862	2.502	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.928	63	14666	9.752	ug/l		92
59) 2-Hexanone	10.971	43	15979	11.958	ug/l		96
60) Dibromochloromethane	11.129	129	5709	2.460	ug/l		92
61) 1,2-Dibromoethane	11.239	107	5368	2.719	ug/l		98
64) Tetrachloroethene	10.861	164	5496	2.896	ug/l		88
65) Chlorobenzene	11.660	112	18338	2.564	ug/l		93
66) 1,1,1,2-Tetrachloroethane	11.727	131	5716	2.562	ug/l		96
67) Ethyl Benzene	11.727	91	27071	2.235	ug/l		96
68) m/p-Xylenes	11.837	106	20175	4.316	ug/l		98
69) o-Xylene	12.166	106	9291	2.150	ug/l		99
70) Styrene	12.178	104	16246	2.117	ug/l		99
71) Bromoform	12.349	173	3698	2.897	ug/l	#	91
73) Isopropylbenzene	12.465	105	23687	2.047	ug/l		97
74) N-amyl acetate	12.276	43	6492	1.956	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.715	83	6876	2.503	ug/l		97
76) 1,2,3-Trichloropropane	12.763	75	6346m	2.824	ug/l		
77) Bromobenzene	12.745	156	7062	2.555	ug/l		91
78) n-propylbenzene	12.800	91	31574	2.216	ug/l		99
79) 2-Chlorotoluene	12.885	91	19315	2.197	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	19653	2.001	ug/l		94
81) trans-1,4-Dichloro-2-b...	12.507	75	2200m	2.535	ug/l		
82) 4-Chlorotoluene	12.983	91	20690	2.215	ug/l		96
83) tert-Butylbenzene	13.202	119	17546	2.152	ug/l		97
84) 1,2,4-Trimethylbenzene	13.245	105	21308	2.131	ug/l		97
85) sec-Butylbenzene	13.379	105	26511	2.151	ug/l		99
86) p-Isopropyltoluene	13.495	119	21619	2.104	ug/l		97
87) 1,3-Dichlorobenzene	13.501	146	14098	2.564	ug/l		95
88) 1,4-Dichlorobenzene	13.574	146	16150	2.906	ug/l		93
89) n-Butylbenzene	13.818	91	21772	2.181	ug/l		97
90) Hexachloroethane	14.086	117	4813	2.561	ug/l		94
91) 1,2-Dichlorobenzene	13.867	146	13264	2.663	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.470	75	1364	2.793	ug/l		94
93) 1,2,4-Trichlorobenzene	15.129	180	8008	2.687	ug/l		99
94) Hexachlorobutadiene	15.226	225	4208	3.159	ug/l		94
95) Naphthalene	15.360	128	16343	2.238	ug/l		95
96) 1,2,3-Trichlorobenzene	15.555	180	7332	2.704	ug/l		90

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Yesilyurt

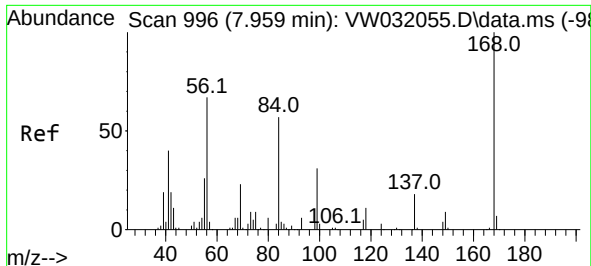
Quant Time: Aug 25 03:54:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

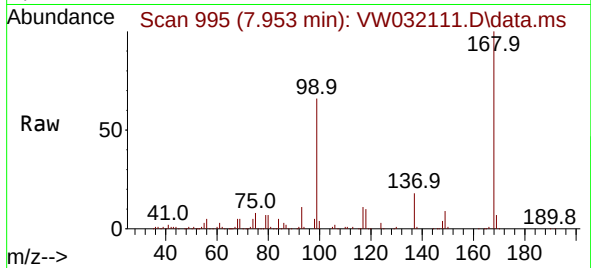
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW032111.D
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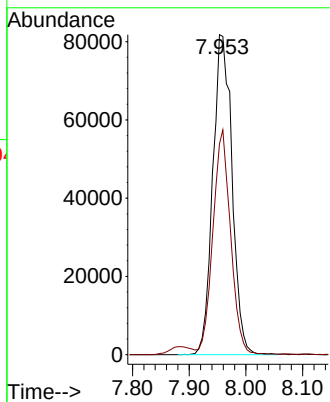
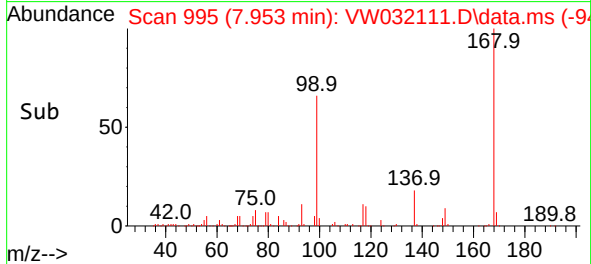
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:168 Resp: 19263
Ion Ratio Lower Upper
168 100
99 65.8 56.0 84.0

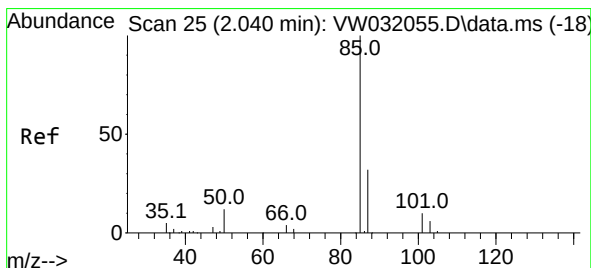
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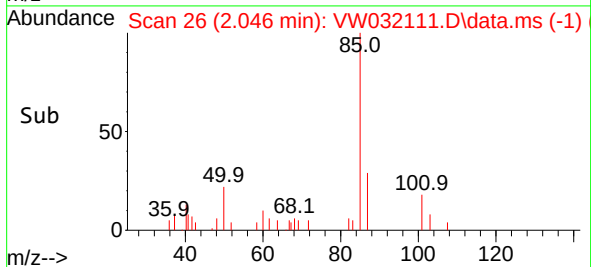
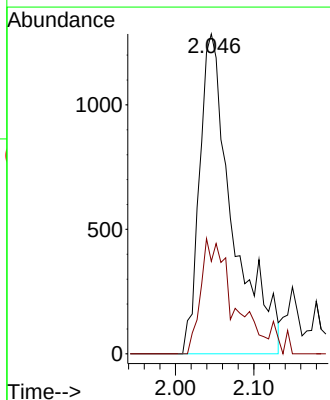
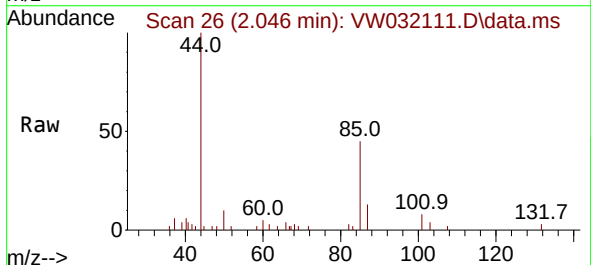
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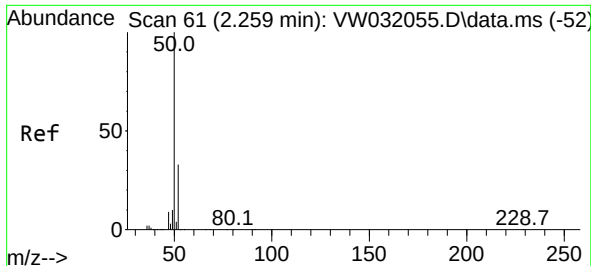
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#2
Dichlorodifluoromethane
Concen: 2.733 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

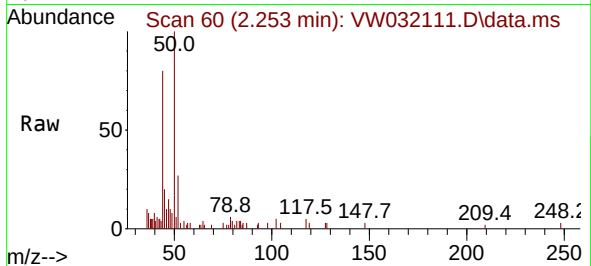
Tgt Ion: 85 Resp: 3765
Ion Ratio Lower Upper
85 100
87 28.9 16.2 48.6





#3
Chloromethane
Concen: 2.431 ug/l
RT: 2.253 min Scan# 60
Delta R.T. -0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

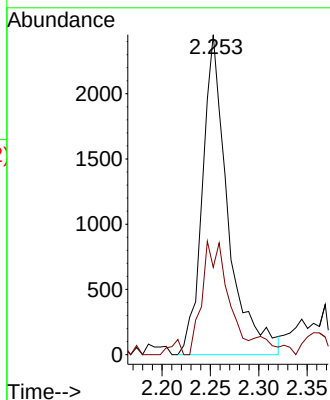
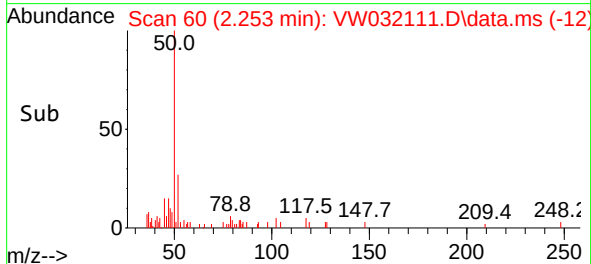
Instrument : MSVOA_W
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Tgt Ion: 50 Resp: 451
Ion Ratio Lower Upper
50 100
52 25.0 26.6 39.8

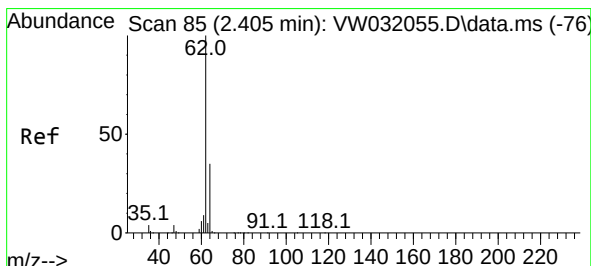
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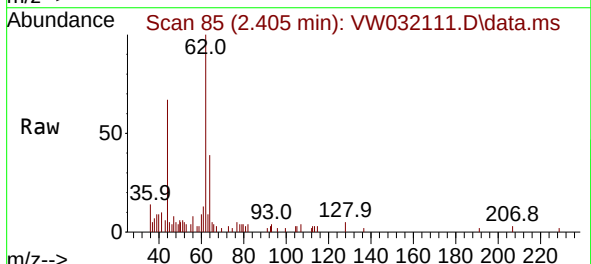


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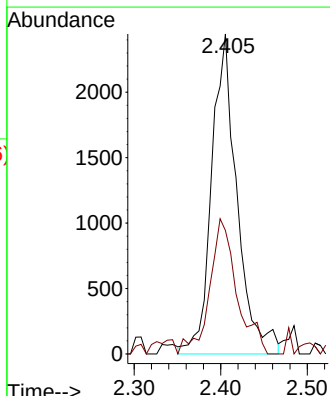
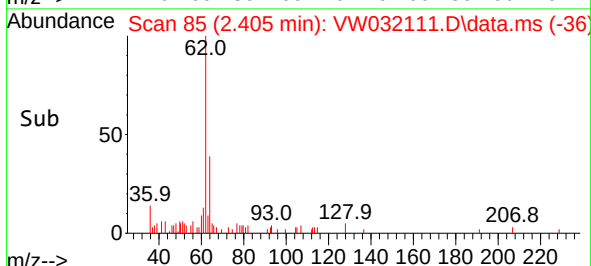
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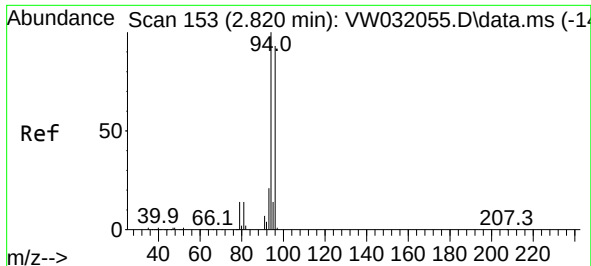


#4
Vinyl Chloride
Concen: 2.225 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24



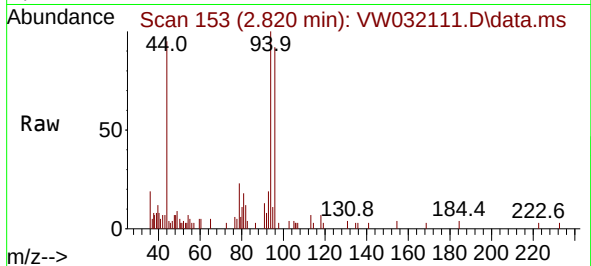
Tgt Ion: 62 Resp: 4994
Ion Ratio Lower Upper
62 100
64 39.5 27.8 41.6





#5
Bromomethane
Concen: 2.798 ug/l
RT: 2.820 min Scan# 153
Delta R.T. 0.000 min
Lab File: VW032111.D
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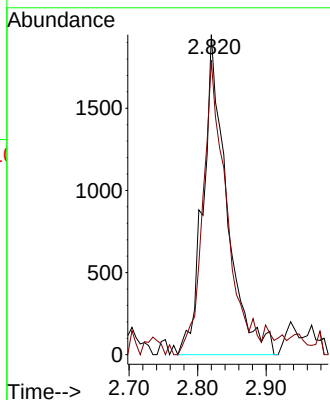
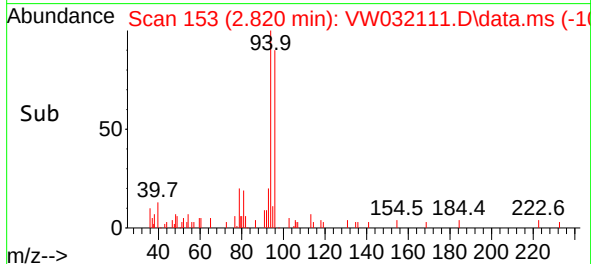
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Tgt Ion: 94 Resp: 4712
Ion Ratio Lower Upper
94 100
96 92.0 74.7 112.1

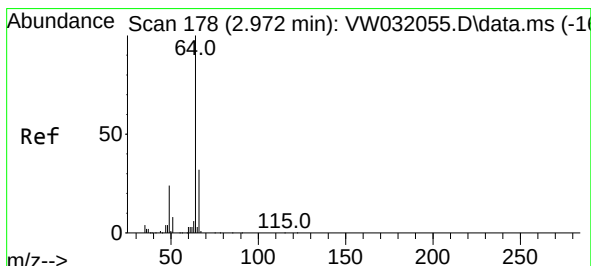
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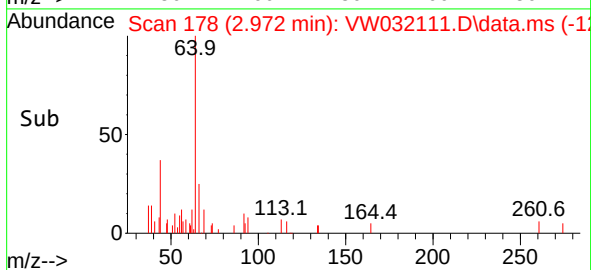
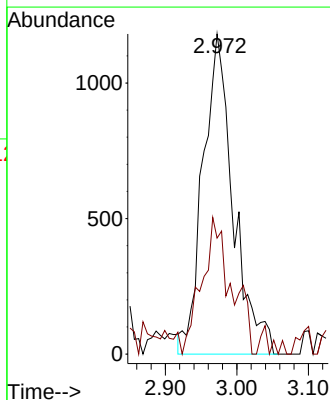
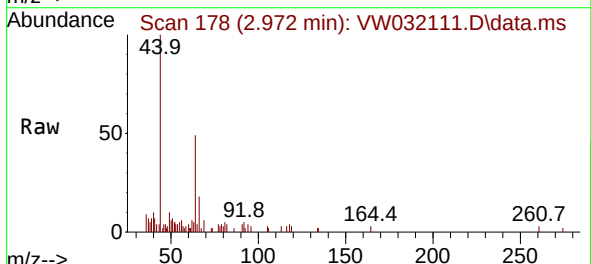
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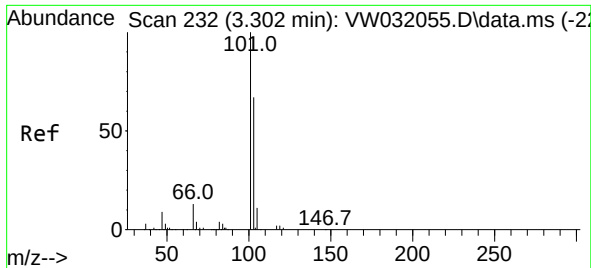
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#6
Chloroethane
Concen: 2.339 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032111.D
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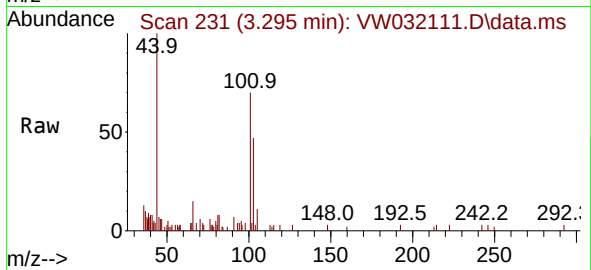
Tgt Ion: 64 Resp: 3474
Ion Ratio Lower Upper
64 100
66 36.2 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 2.213 ug/l
 RT: 3.295 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VW032111.D
 Acq: 22 Aug 2025 15:24

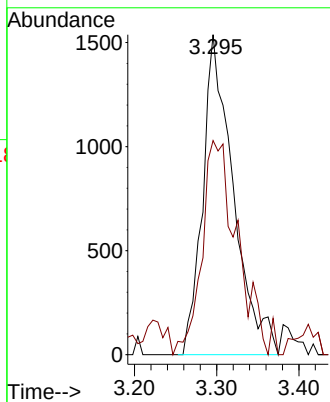
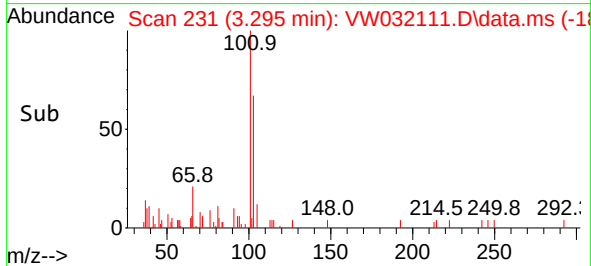
Instrument : MSVOA_W
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:101 Resp: 3980
 Ion Ratio Lower Upper
 101 100
 103 66.9 53.4 80.0

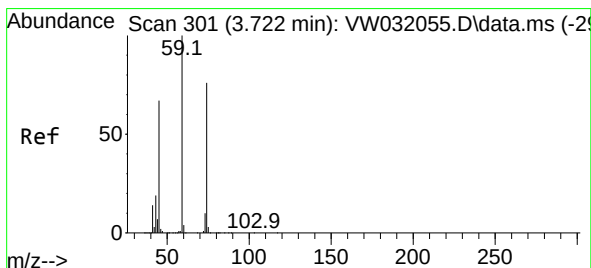
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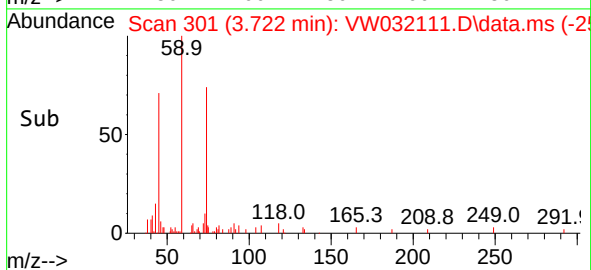
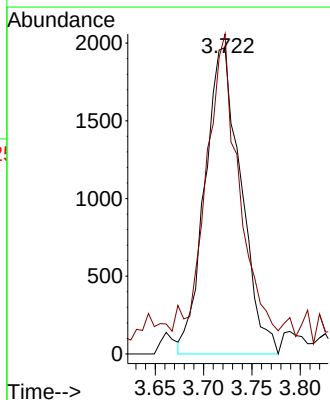
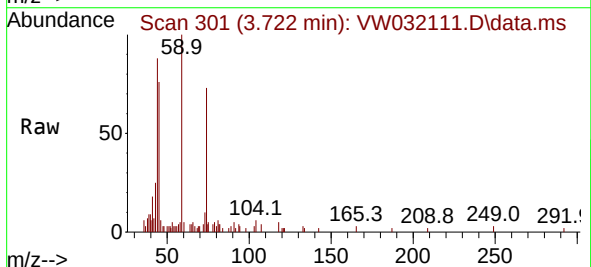
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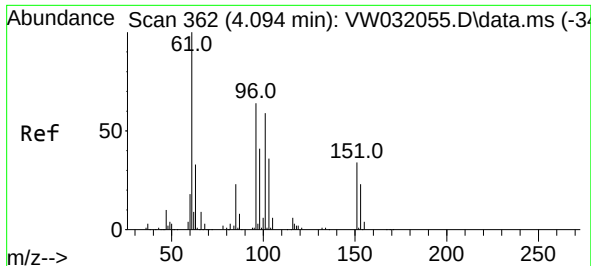
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#8
 Diethyl Ether
 Concen: 3.474 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW032111.D
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Tgt Ion: 74 Resp: 5119
 Ion Ratio Lower Upper
 74 100
 45 87.3 45.4 136.2





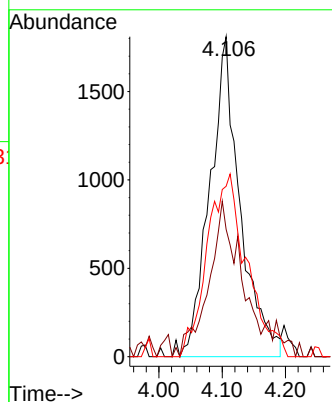
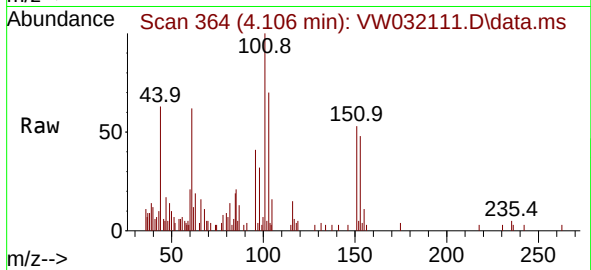
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.822 ug/l
RT: 4.106 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:101 Resp: 598
Ion Ratio Lower Upper
101 100
85 50.5 34.9 52.3
151 75.2 56.2 84.4

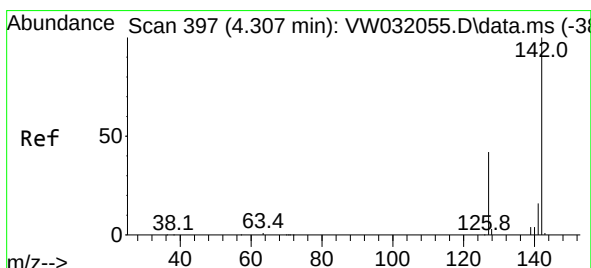
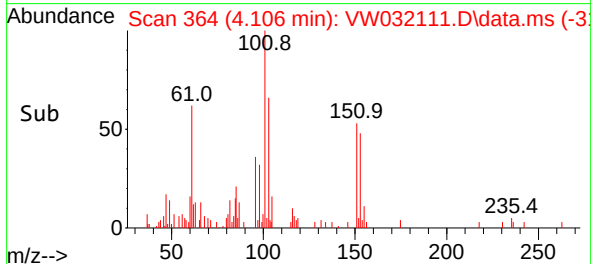
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



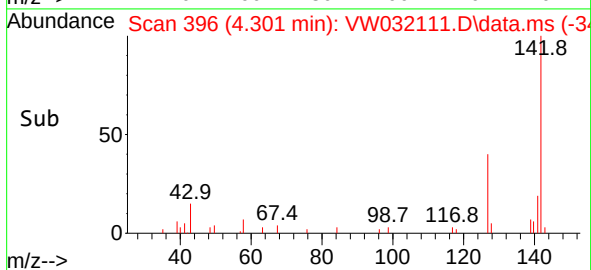
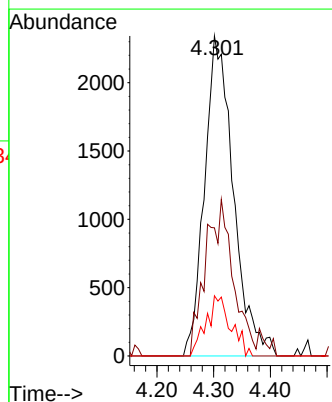
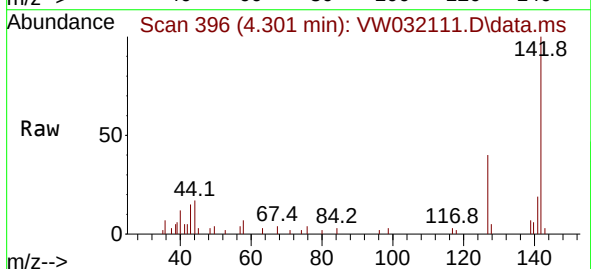
08/25/2025
Supervised By :Mahesh
Dadoda

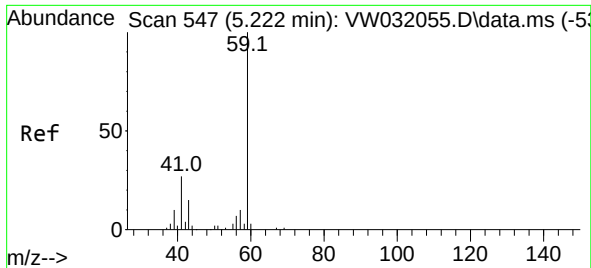
08/25/2025



#10
Methyl Iodide
Concen: 2.749 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

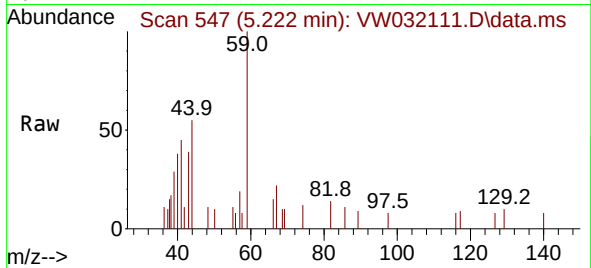
Tgt Ion:142 Resp: 8269
Ion Ratio Lower Upper
142 100
127 23.3 36.6 55.0#
141 16.2 12.1 18.1





#11
Tert butyl alcohol
Concen: 14.473 ug/l
RT: 5.222 min Scan# 547
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

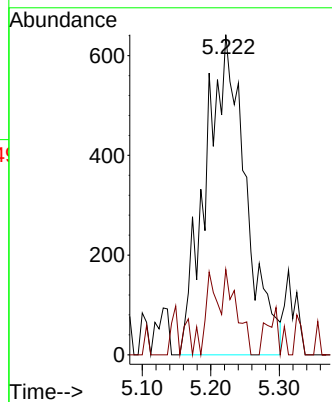
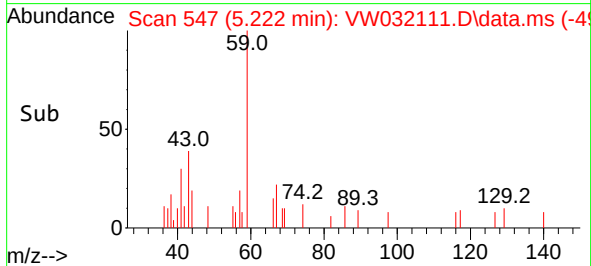
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 59 Resp: 261
Ion Ratio Lower Upper
59 100
57 8.5 8.7 13.1

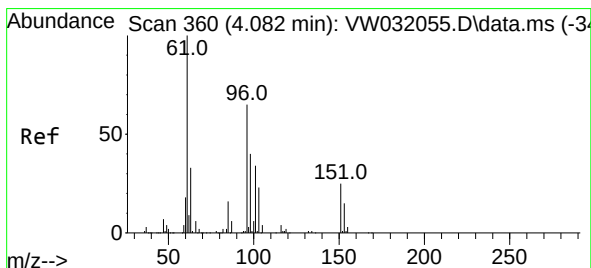
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



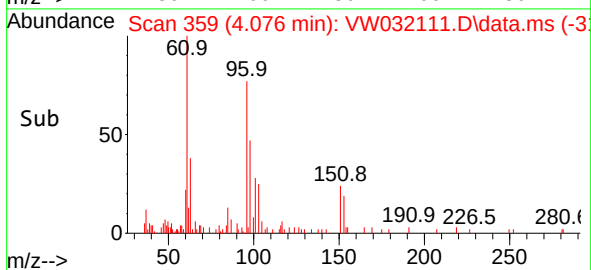
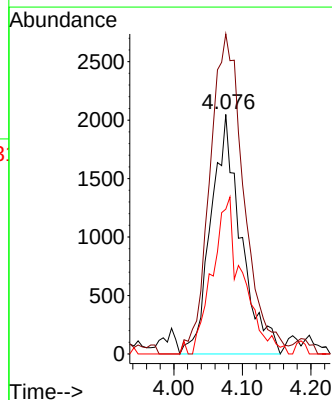
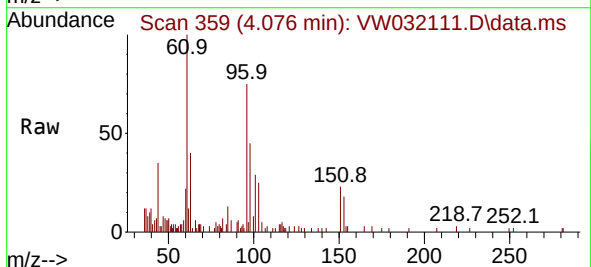
08/25/2025
Supervised By :Mahesh
Dadoda

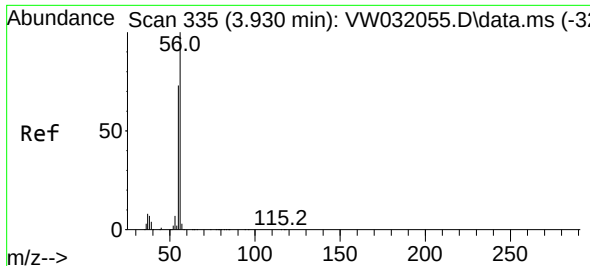
08/25/2025



#12
1,1-Dichloroethene
Concen: 2.653 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion: 96 Resp: 6197
Ion Ratio Lower Upper
96 100
61 133.6 123.4 185.2
98 60.5 49.5 74.3





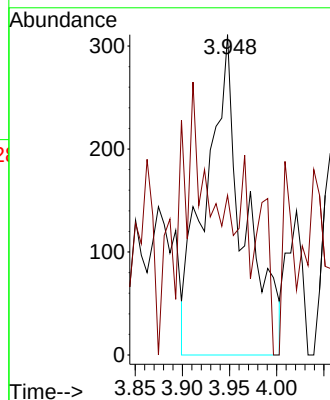
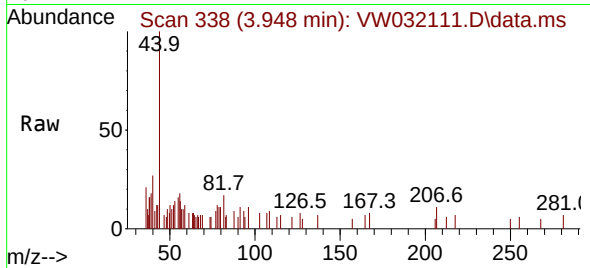
#13
Acrolein
Concen: 3.034 ug/l m
RT: 3.948 min Scan# 311
Delta R.T. 0.018 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 56 Resp: 872
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2

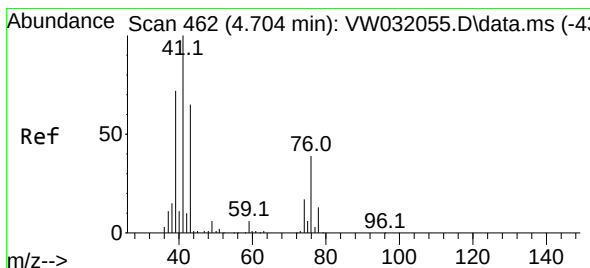
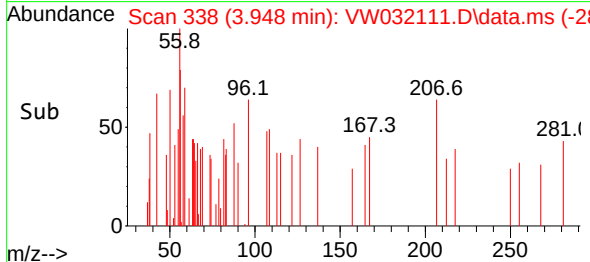
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



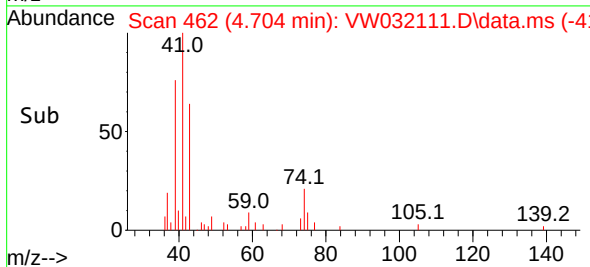
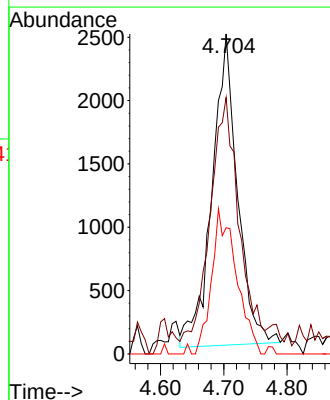
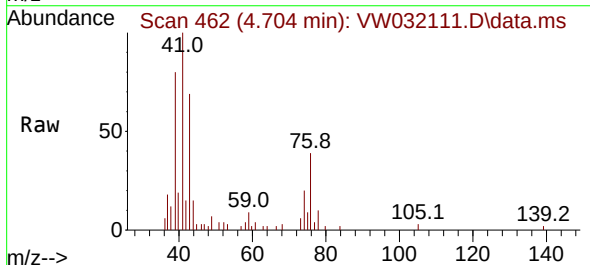
08/25/2025
Supervised By :Mahesh
Dadoda

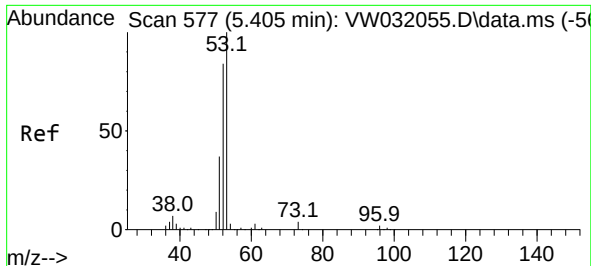
08/25/2025



#14
Allyl chloride
Concen: 2.024 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

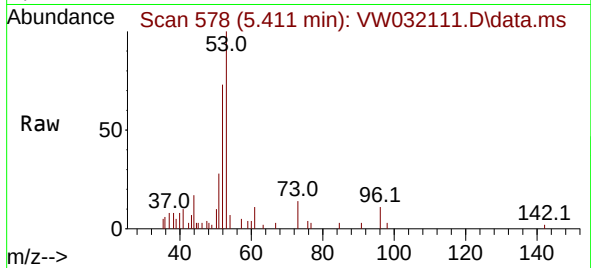
Tgt Ion: 41 Resp: 6882
Ion Ratio Lower Upper
41 100
39 85.8 54.5 81.7#
76 45.3 29.3 43.9#





#15
Acrylonitrile
Concen: 11.645 ug/l
RT: 5.411 min Scan# 517
Delta R.T. 0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

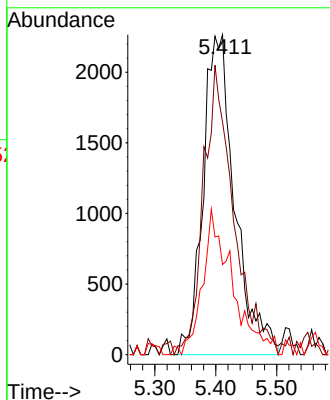
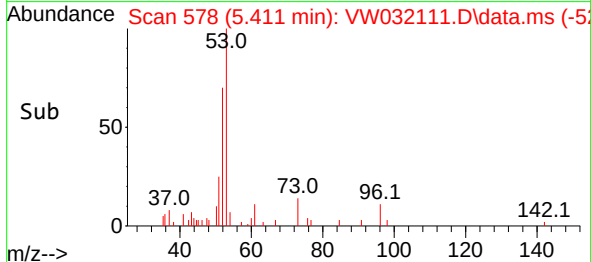
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.5	66.1	99.1
51	43.0	29.2	43.8

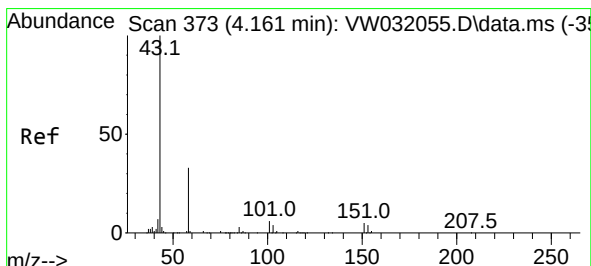
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



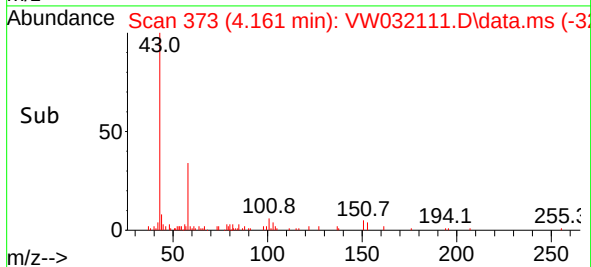
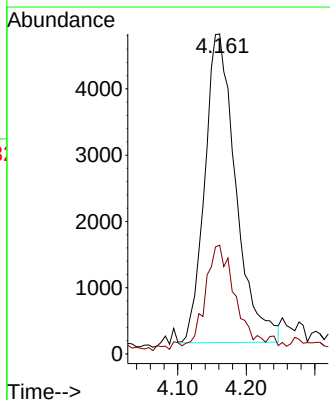
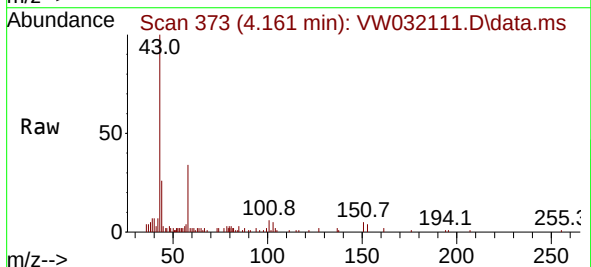
08/25/2025
Supervised By :Mahesh
Dadoda

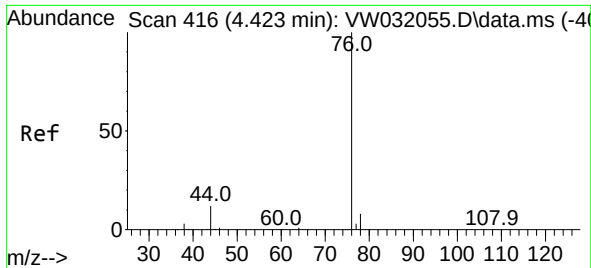
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#16
Acetone
Concen: 22.808 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.6	39.8





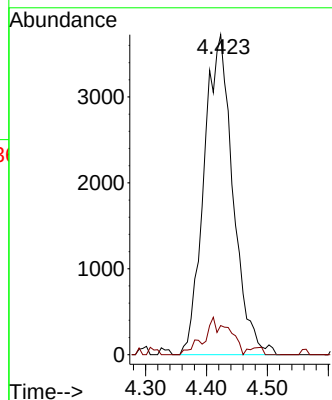
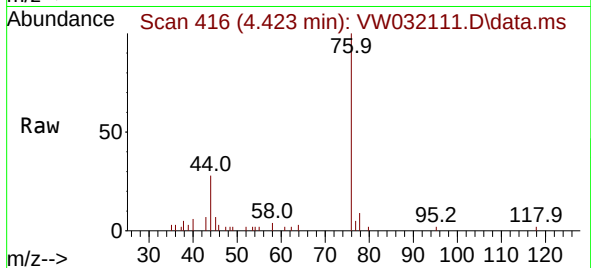
#17
Carbon Disulfide
Concen: 1.956 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 76 Resp: 1226
Ion Ratio Lower Upper
76 100
78 9.1 6.4 9.6

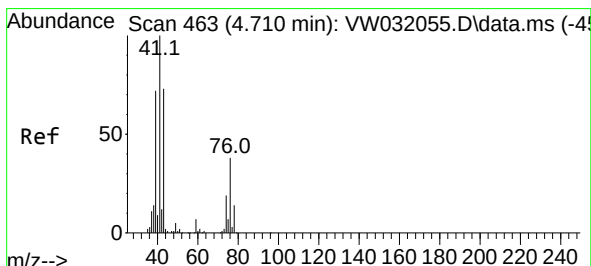
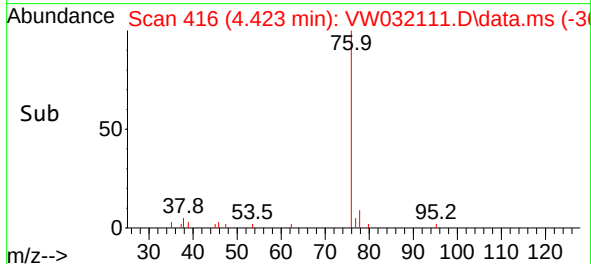
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Reviewed By :Semsettin
Yesilyurt



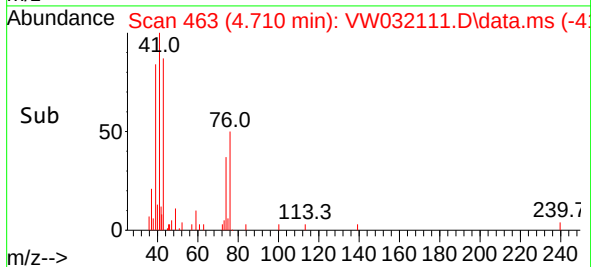
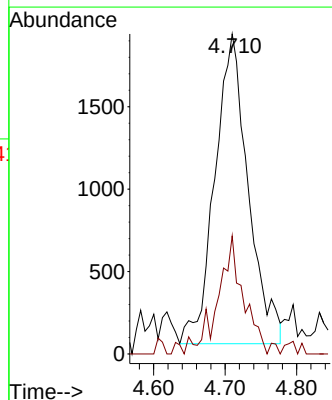
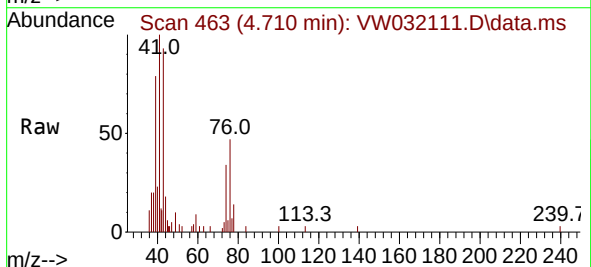
08/25/2025
Supervised By :Mahesh
Dadoda

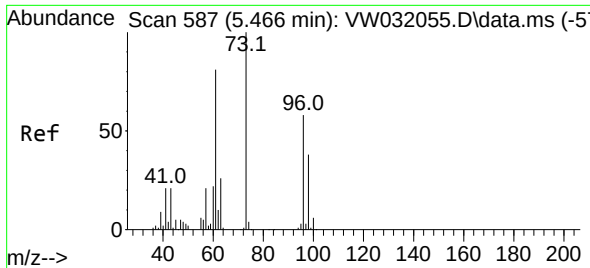
08/25/2025



#18
Methyl Acetate
Concen: 2.988 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

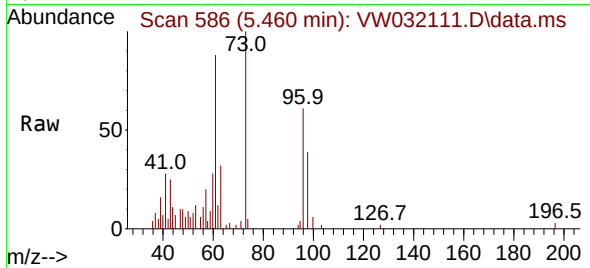
Tgt Ion: 43 Resp: 6098
Ion Ratio Lower Upper
43 100
74 29.1 20.6 31.0





#19
Methyl tert-butyl Ether
Concen: 2.351 ug/l
RT: 5.460 min Scan# 502
Delta R.T. -0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

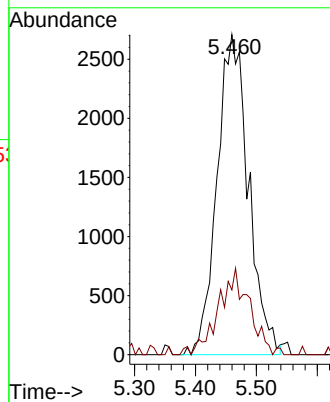
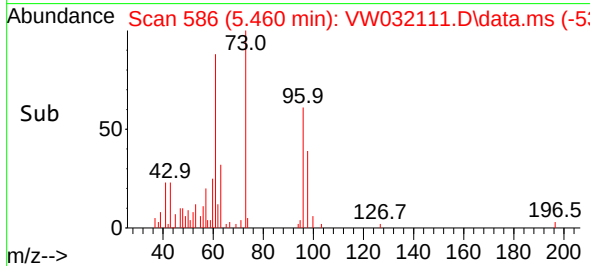
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 73 Resp: 9679
Ion Ratio Lower Upper
73 100
57 20.2 17.2 25.8

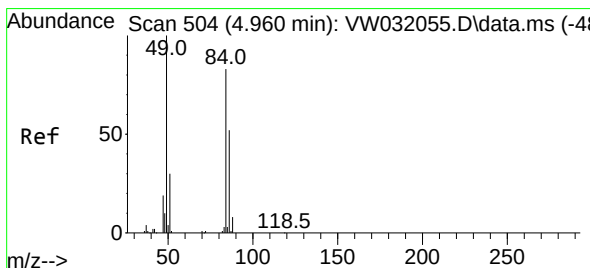
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



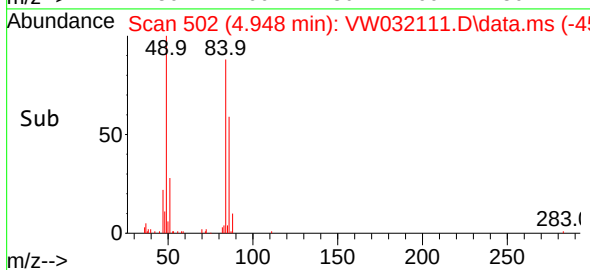
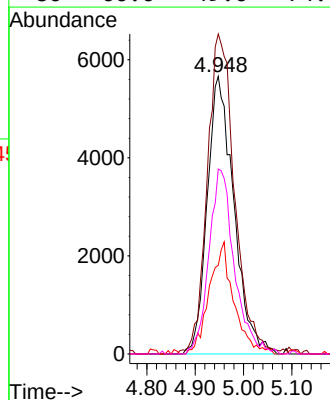
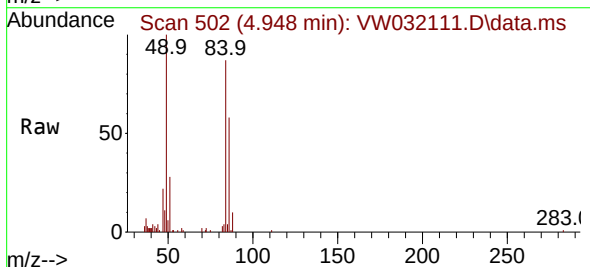
08/25/2025
Supervised By :Mahesh
Dadoda

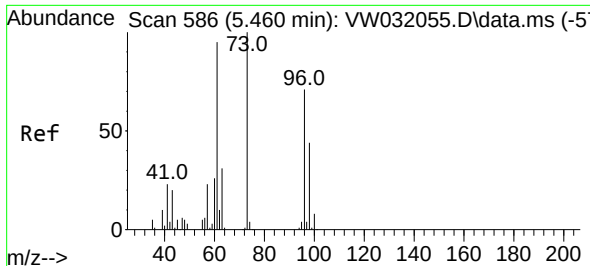
08/25/2025



#20
Methylene Chloride
Concen: 7.265 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

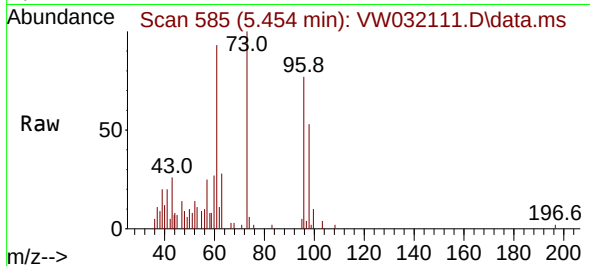
Tgt Ion: 84 Resp: 21667
Ion Ratio Lower Upper
84 100
49 114.2 95.9 143.9
51 32.0 28.6 43.0
86 66.6 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 2.415 ug/l
RT: 5.454 min Scan# 586
Delta R.T. -0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

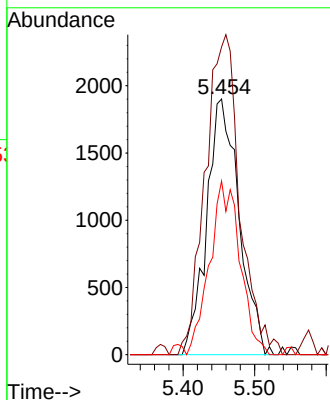
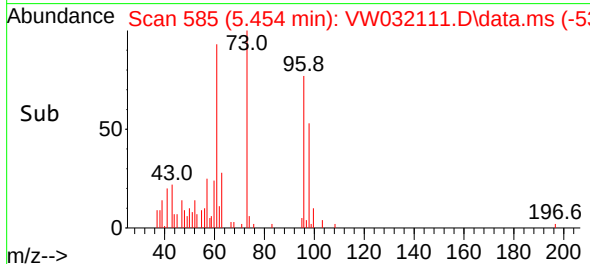
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 96 Resp: 598
Ion Ratio Lower Upper
96 100
61 120.3 106.8 160.2
98 67.9 49.6 74.4

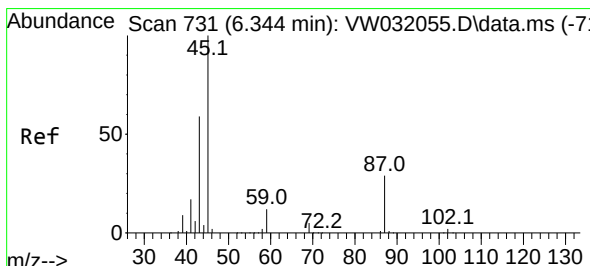
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Reviewed By :Semsettin
Yesilyurt



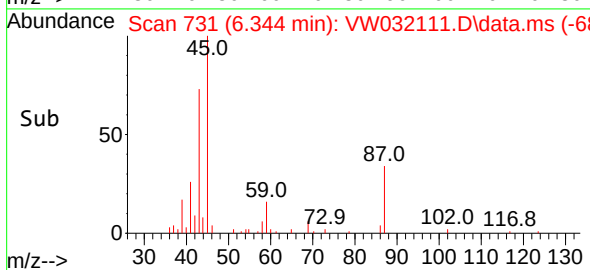
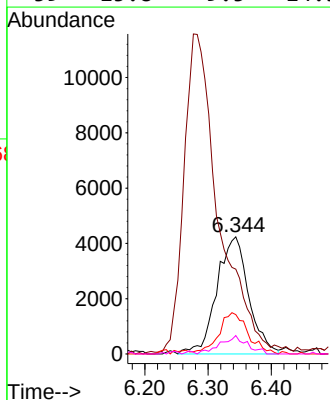
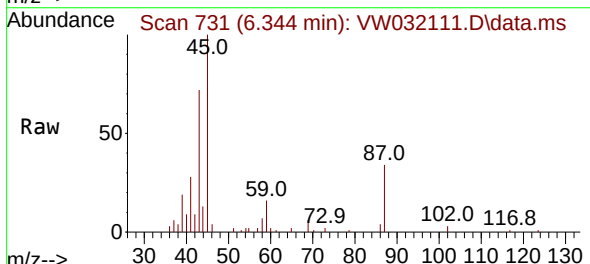
08/25/2025
Supervised By :Mahesh
Dadoda

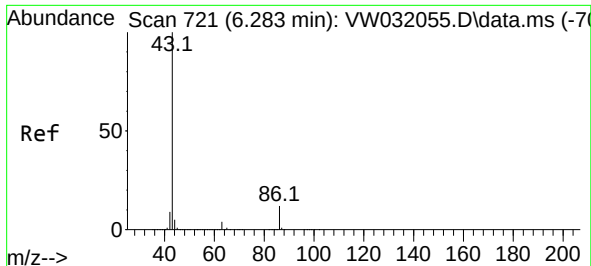
08/25/2025



#22
Diisopropyl ether
Concen: 2.070 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

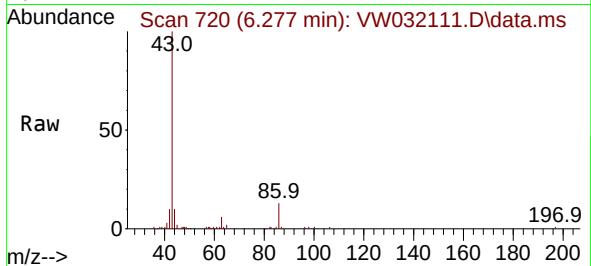
Tgt Ion: 45 Resp: 14834
Ion Ratio Lower Upper
45 100
43 65.9 47.0 70.4
87 33.6 23.8 35.8
59 15.8 9.5 14.3#





#23
 Vinyl Acetate
 Concen: 9.264 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VW032111.D
 Acq: 22 Aug 2025 15:24

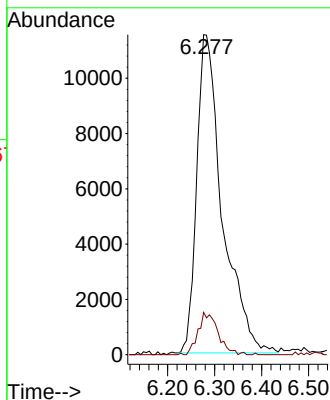
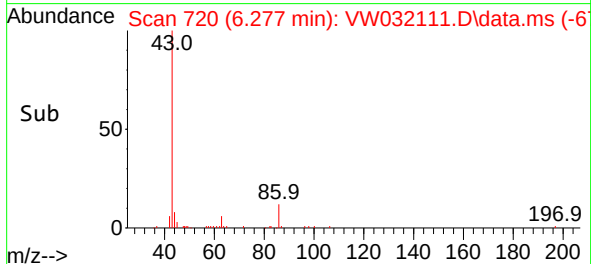
Instrument : MSVOA_W
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 43 Resp: 4359
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.4 14.0

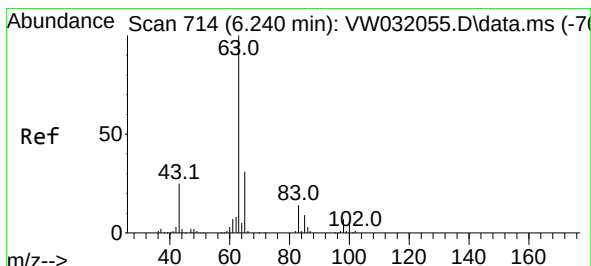
Manual Integrations
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 Yesilyurt

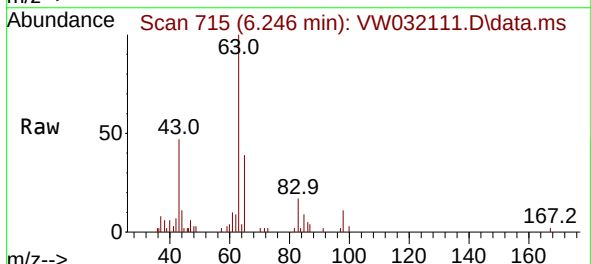


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 Supervised By :Mahesh
 Dadoda

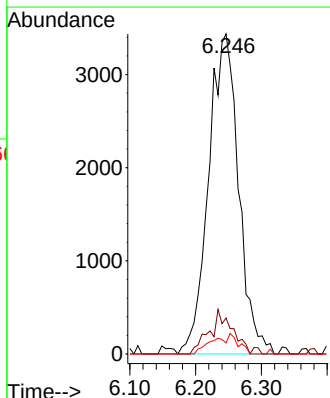
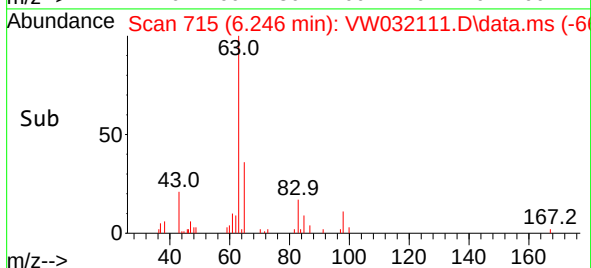
08/25/2025

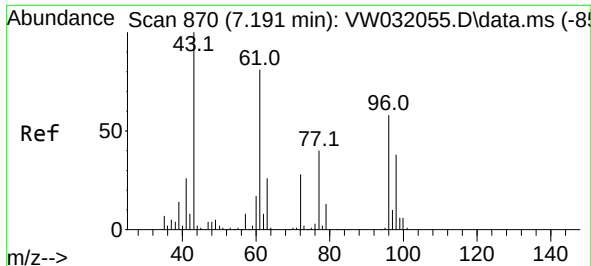


#24
 1,1-Dichloroethane
 Concen: 2.386 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032111.D
 Acq: 22 Aug 2025 15:24



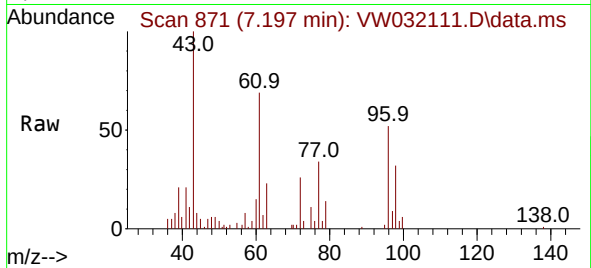
Tgt Ion: 63 Resp: 10925
 Ion Ratio Lower Upper
 63 100
 98 11.2 3.7 11.1#
 100 3.5 2.5 7.4





#25
2-Butanone
Concen: 11.460 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

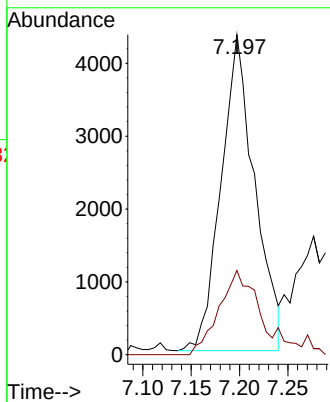
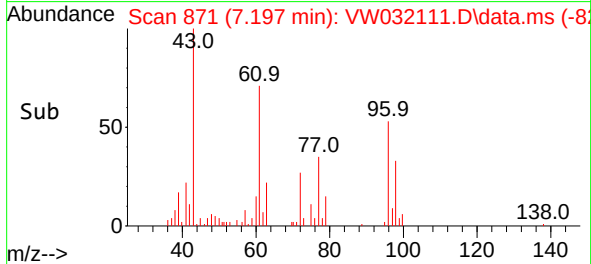
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 43 Resp: 10500
Ion Ratio Lower Upper
43 100
72 26.6 22.3 33.5

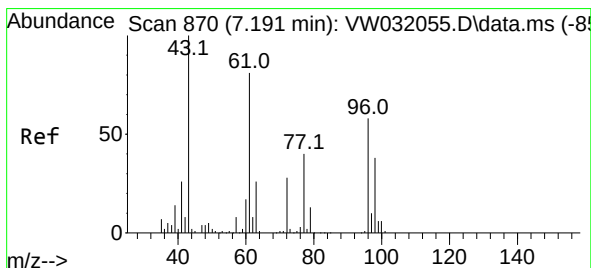
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



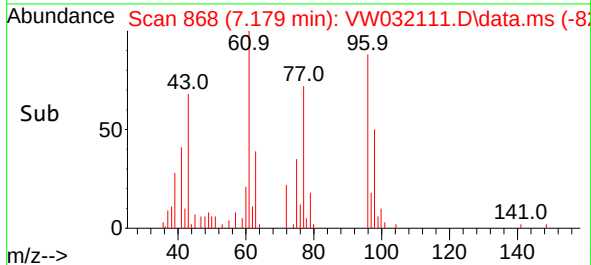
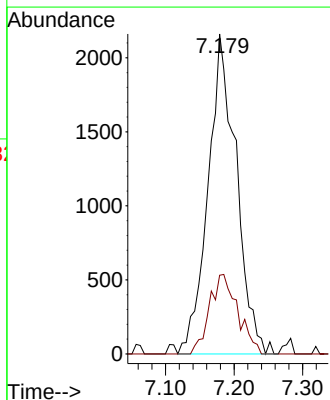
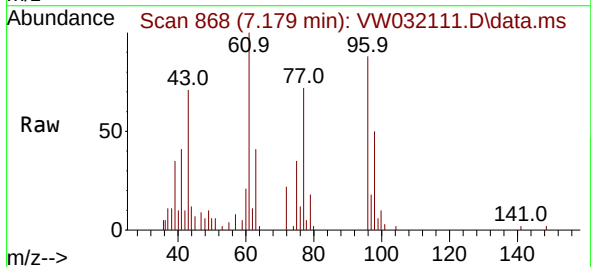
08/25/2025
Supervised By :Mahesh
Dadoda

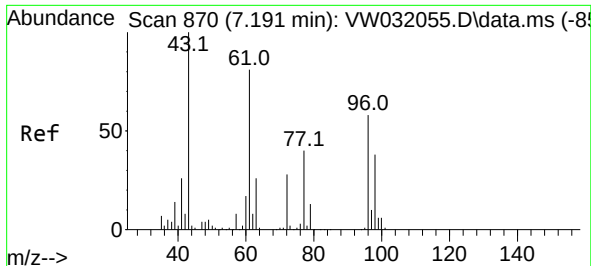
08/25/2025



#26
2,2-Dichloropropane
Concen: 2.697 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion: 77 Resp: 6196
Ion Ratio Lower Upper
77 100
97 24.9 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 2.415 ug/l

RT: 7.179 min Scan# 870

Delta R.T. -0.012 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Instrument :

MSVOA_W

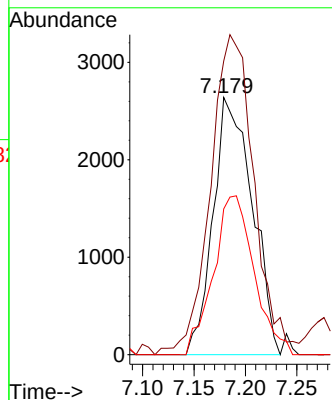
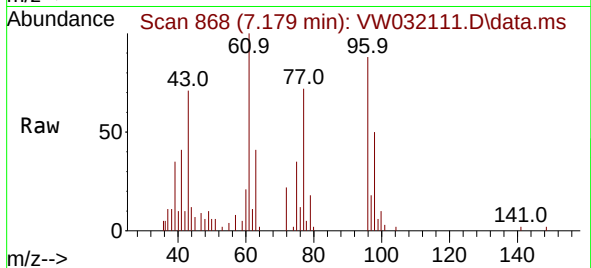
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 96	Resp: 699
Ion Ratio	Lower Upper
96 100	
61 138.3	0.0 281.2
98 64.1	0.0 130.8

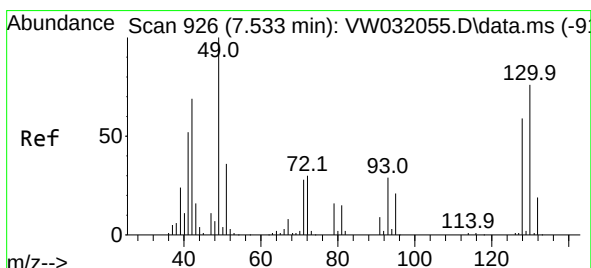
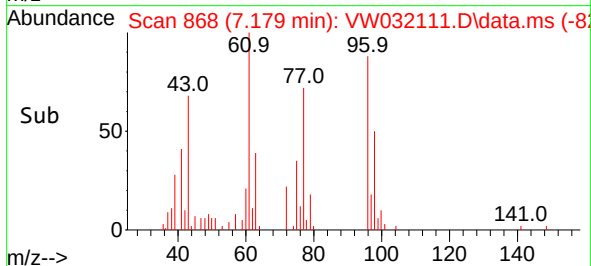
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



08/25/2025
Supervised By :Mahesh
Dadoda

08/25/2025



#28

Bromochloromethane

Concen: 2.464 ug/l

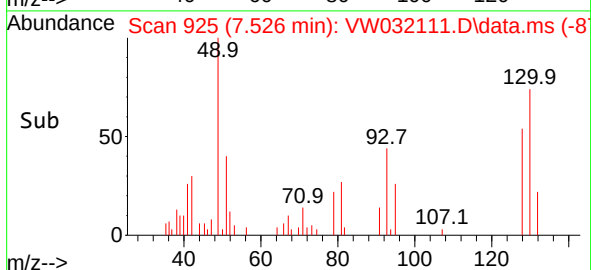
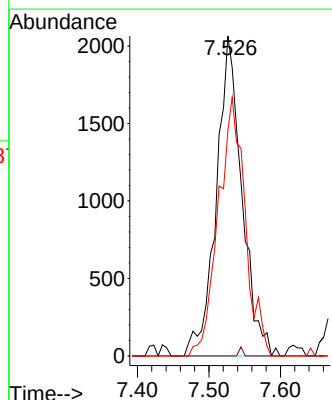
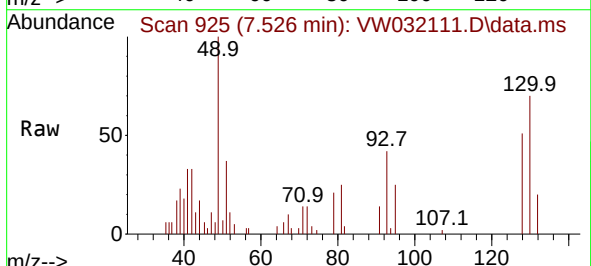
RT: 7.526 min Scan# 925

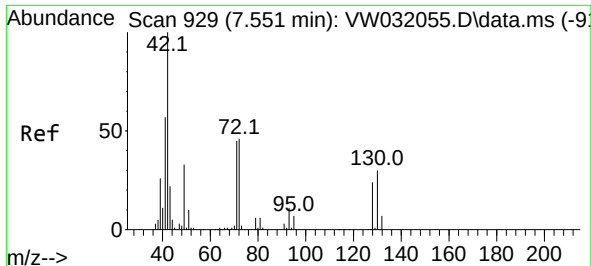
Delta R.T. -0.006 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Tgt Ion: 49	Resp: 5135
Ion Ratio	Lower Upper
49 100	
129 0.4	0.0 4.2
130 84.7	61.9 92.9





#29

Tetrahydrofuran

Concen: 10.797 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Instrument :

MSVOA_W

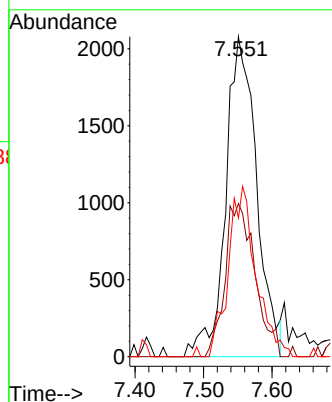
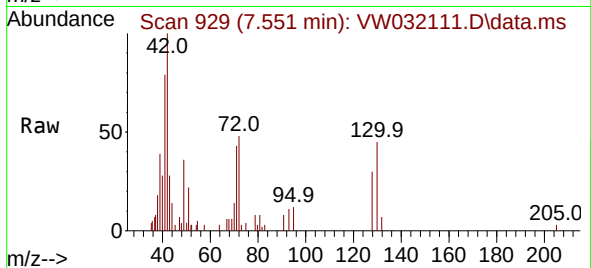
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 42	Resp: 6528
Ion Ratio	Lower Upper
42	100
72	46.5 36.6 55.0
71	47.6 34.7 52.1

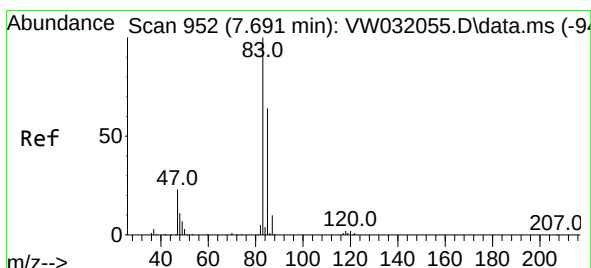
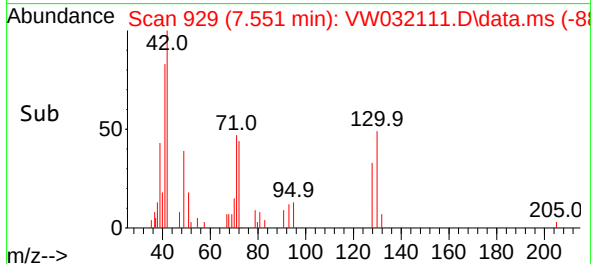
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



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Supervised By :Mahesh
Dadoda

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#30

Chloroform

Concen: 2.644 ug/l

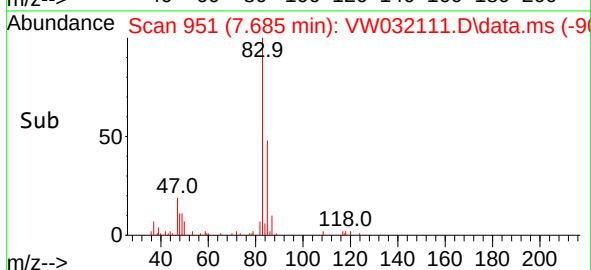
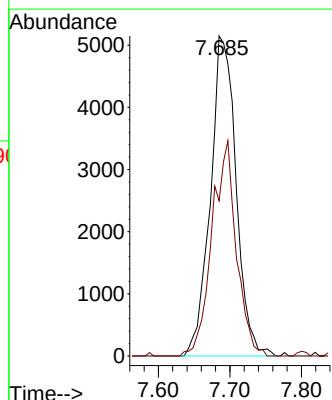
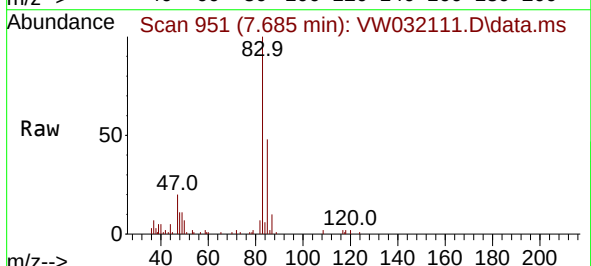
RT: 7.685 min Scan# 951

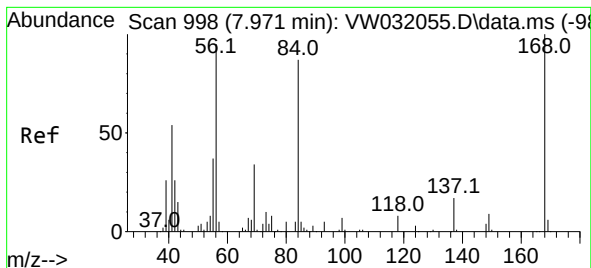
Delta R.T. -0.006 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Tgt Ion: 83	Resp: 12839
Ion Ratio	Lower Upper
83	100
85	48.5 51.0 76.4#





#31

Cyclohexane

Concen: 3.106 ug/l

RT: 7.965 min Scan# 998

Delta R.T. -0.006 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Instrument :

MSVOA_W

ClientSampleId :

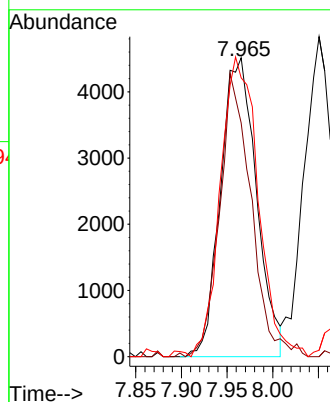
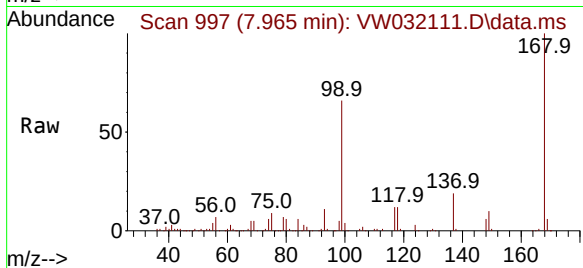
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 56 Resp: 12334

Ion	Ratio	Lower	Upper
56	100		
69	77.0	28.6	42.8
84	91.6	73.0	109.4

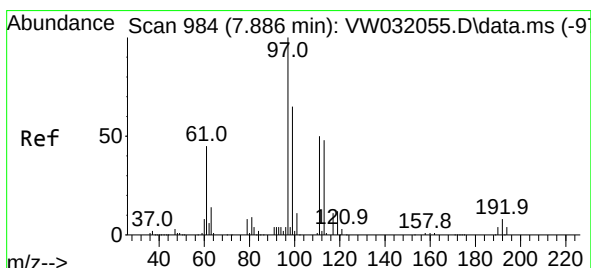
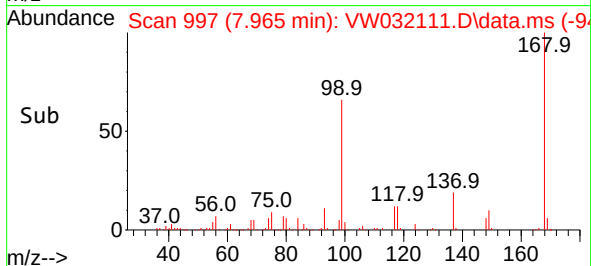
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



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Supervised By :Mahesh
Dadoda

08/25/2025



#32

1,1,1-Trichloroethane

Concen: 2.494 ug/l

RT: 7.880 min Scan# 983

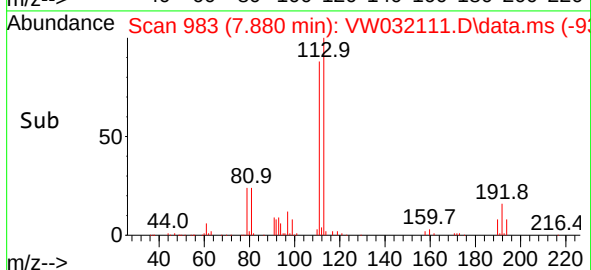
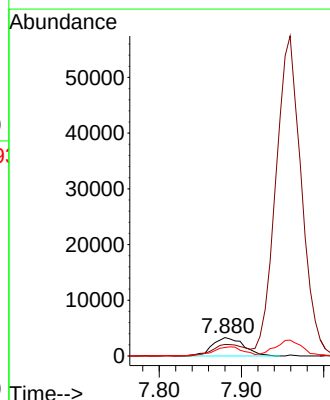
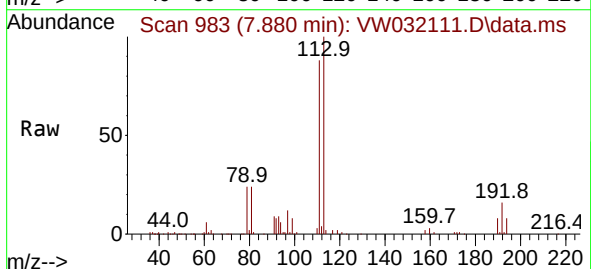
Delta R.T. -0.006 min

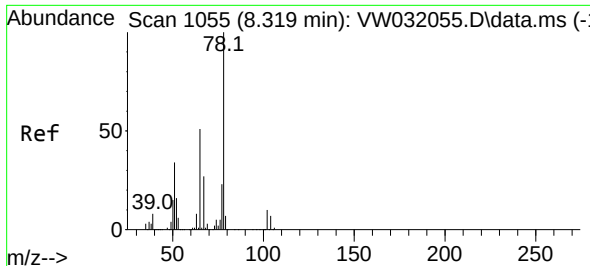
Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Tgt Ion: 97 Resp: 8796

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	47.9	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 49.850 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 65 Resp: 138884

Ion Ratio Lower Upper

65 100

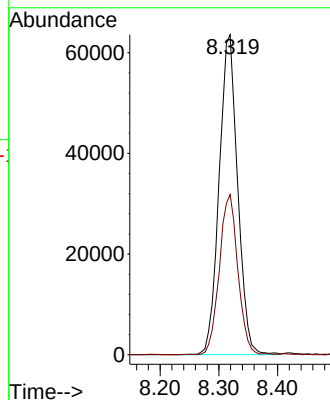
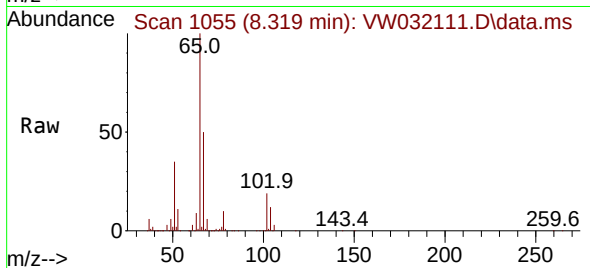
67 49.9 0.0 102.4

Manual Integrations

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Reviewed By :Semsettin

Yesilyurt

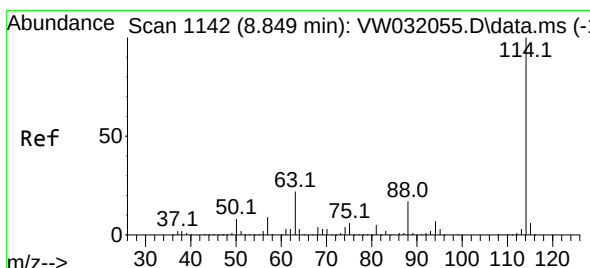
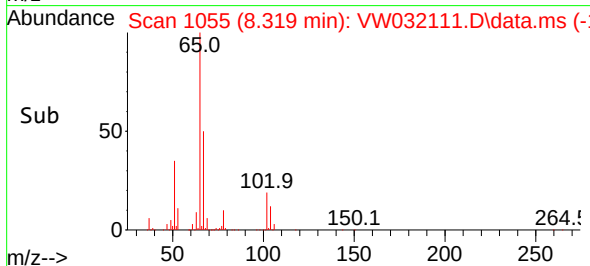


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Supervised By :Mahesh

Dadoda

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

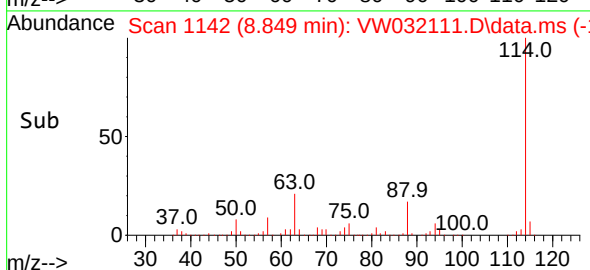
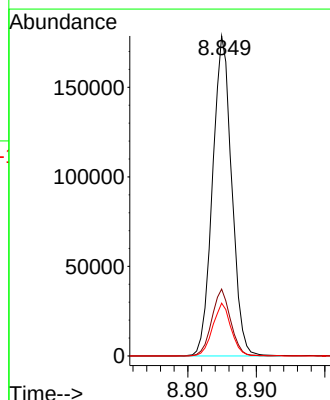
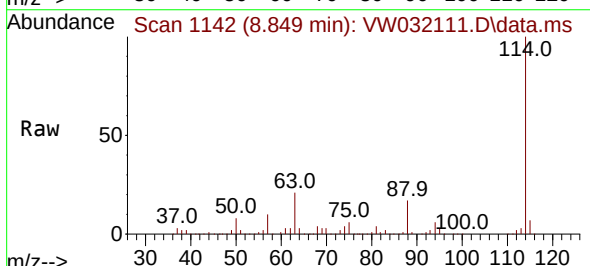
Tgt Ion:114 Resp: 346400

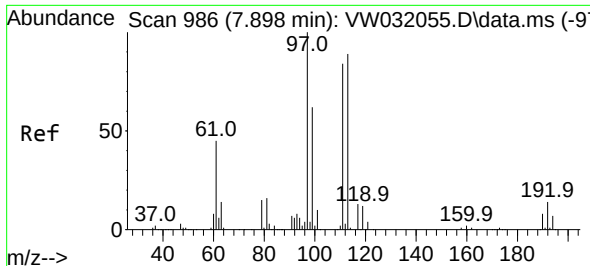
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.0

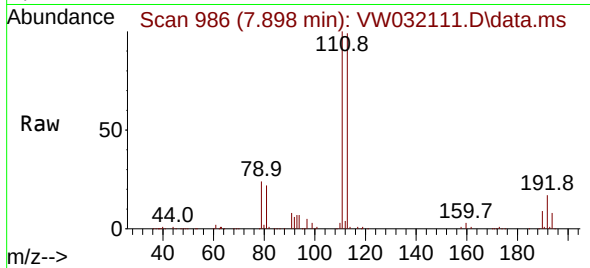
88 16.5 0.0 33.8





#35
Dibromofluoromethane
Concen: 51.158 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

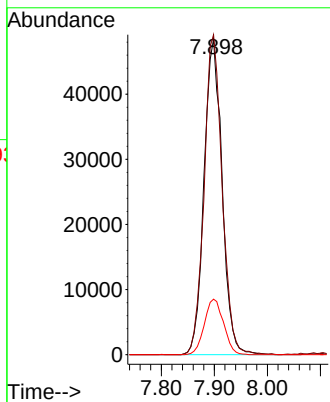
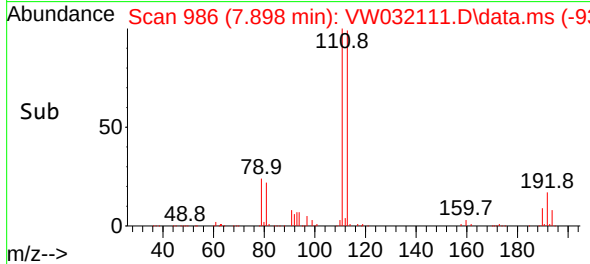
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 113 Resp: 11448
Ion Ratio Lower Upper
113 100
111 101.3 80.1 120.1
192 18.7 13.1 19.7

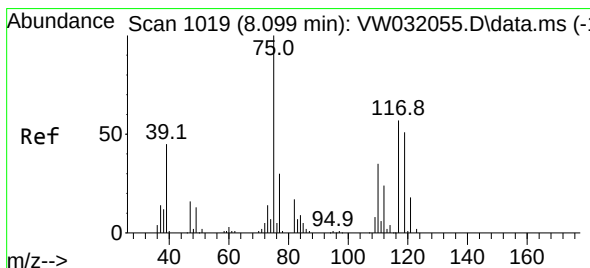
Manual Integrations
APPROVED

Reviewed By : Semsettin
Yesilyurt



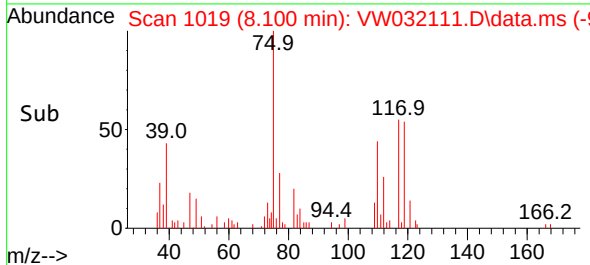
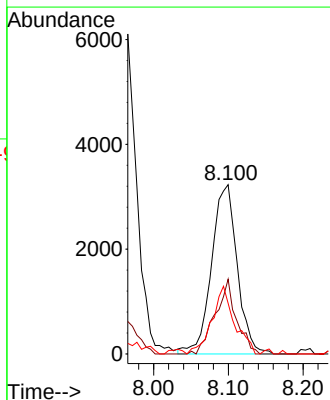
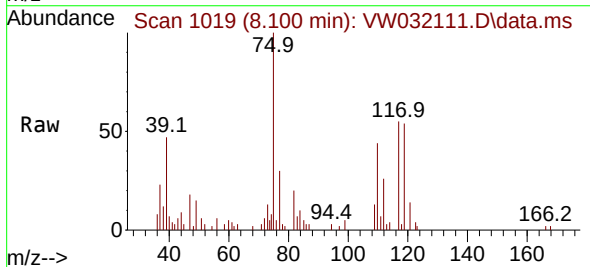
08/25/2025
Supervised By : Mahesh
Dadoda

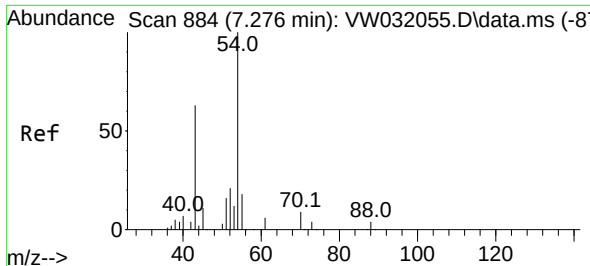
08/25/2025



#36
1,1-Dichloropropene
Concen: 2.449 ug/l
RT: 8.100 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

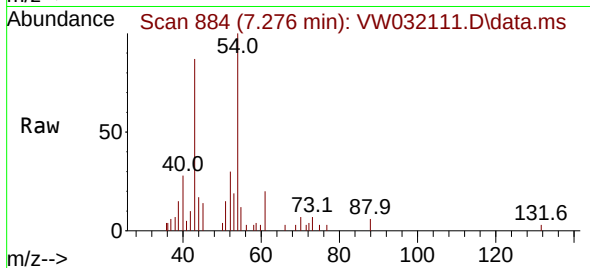
Tgt Ion: 75 Resp: 7727
Ion Ratio Lower Upper
75 100
110 36.4 17.4 52.2
77 35.0 24.7 37.1





#37
Ethyl Acetate
Concen: 2.213 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

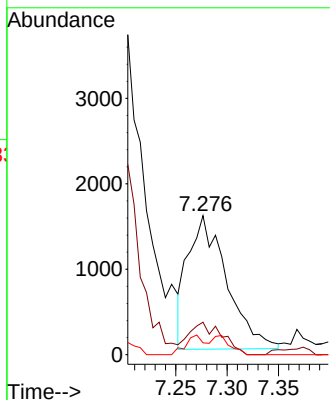
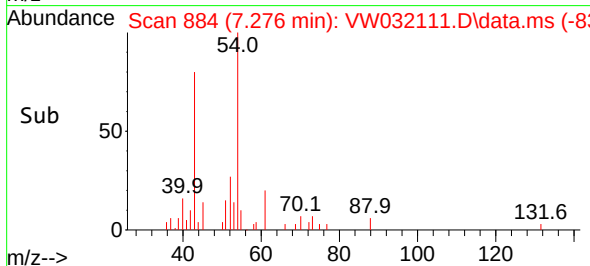
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
61 20.5 11.8 17.6
70 7.6 9.4 14.0

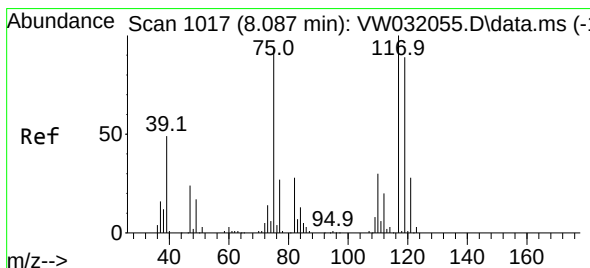
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



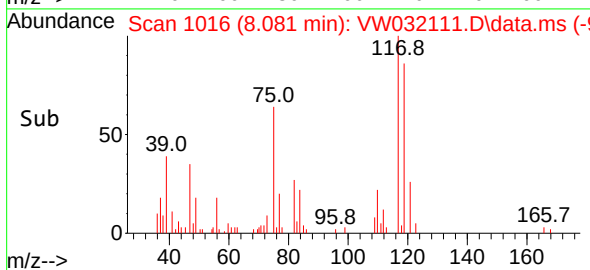
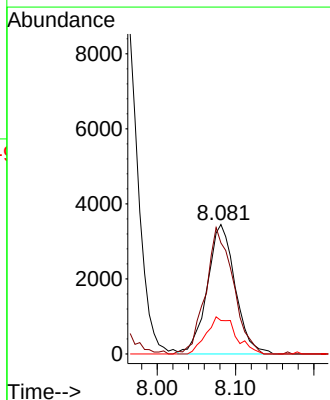
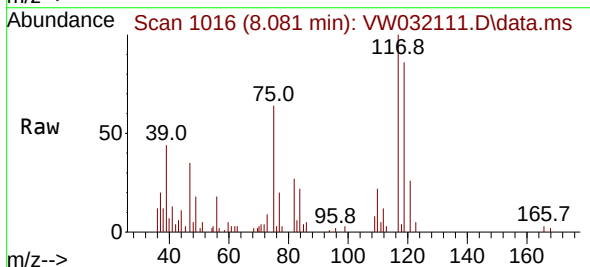
08/25/2025
Supervised By :Mahesh
Dadoda

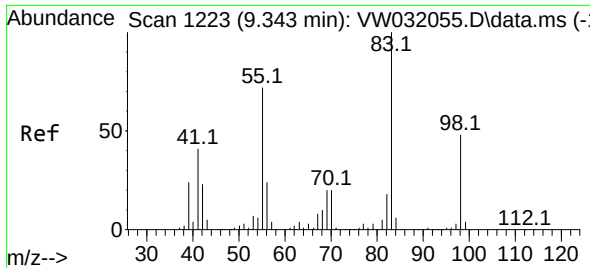
08/25/2025



#38
Carbon Tetrachloride
Concen: 2.798 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

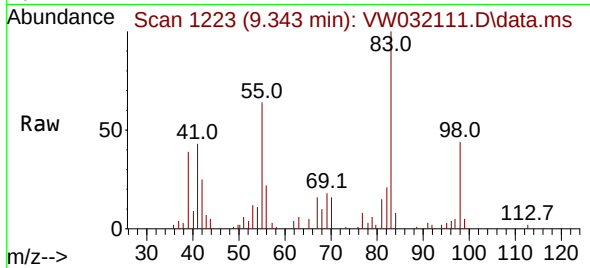
Tgt Ion:117 Resp: 8518
Ion Ratio Lower Upper
117 100
119 85.7 71.4 107.2
121 25.8 22.3 33.5





#39
Methylcyclohexane
Concen: 2.319 ug/l
RT: 9.343 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

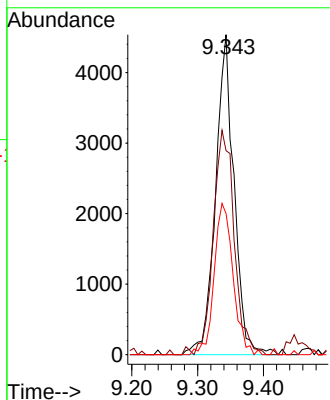
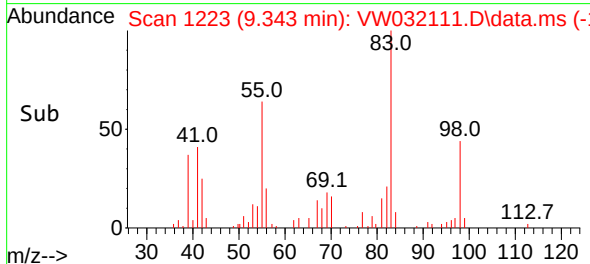
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 83 Resp: 8918
Ion Ratio Lower Upper
83 100
55 63.7 57.9 86.9
98 44.1 38.3 57.5

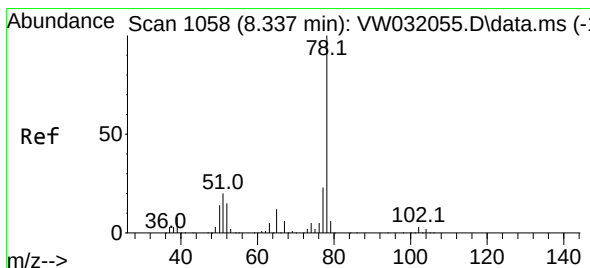
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



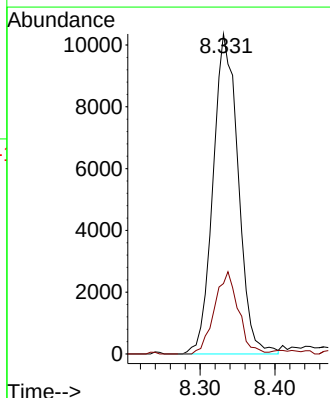
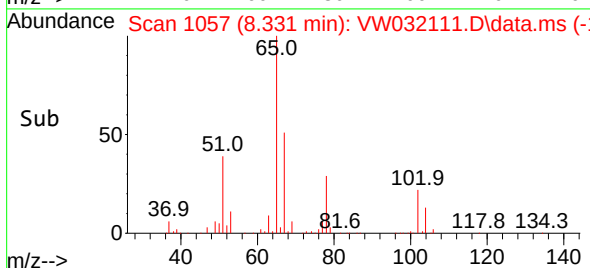
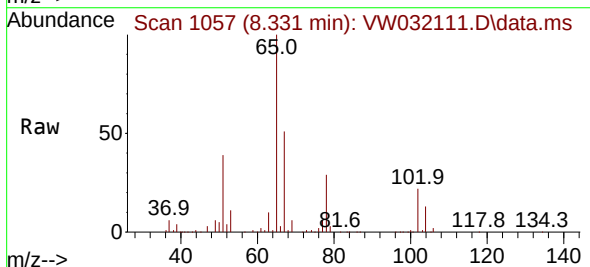
08/25/2025
Supervised By :Mahesh
Dadoda

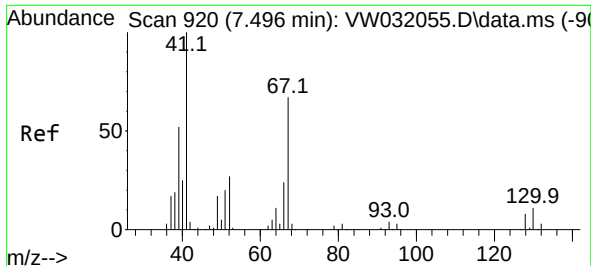
08/25/2025



#40
Benzene
Concen: 2.472 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion: 78 Resp: 24243
Ion Ratio Lower Upper
78 100
77 22.1 18.4 27.6





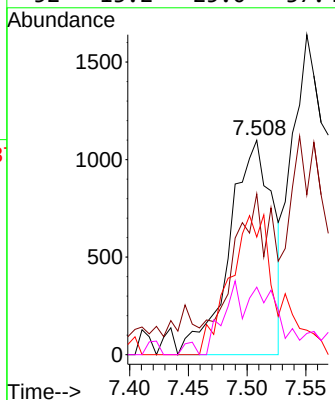
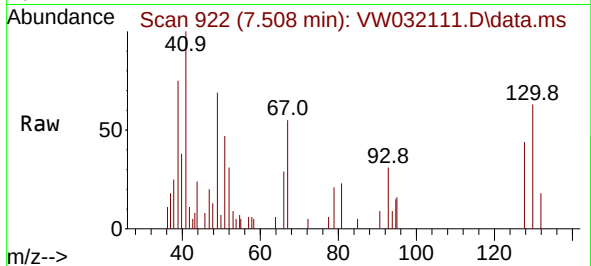
#41
Methacrylonitrile
Concen: 2.670 ug/l
RT: 7.508 min Scan# 911
Delta R.T. 0.012 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.3	42.6	63.8
67	73.0	61.0	91.4
52	13.2	25.0	37.4

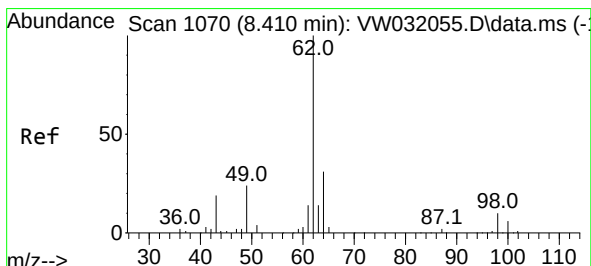
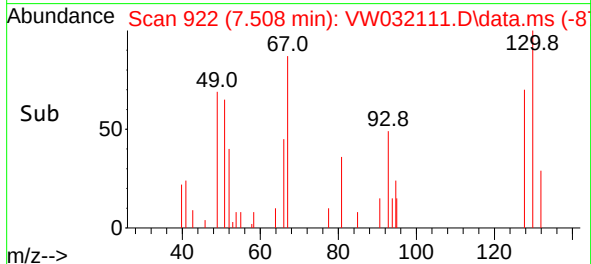
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



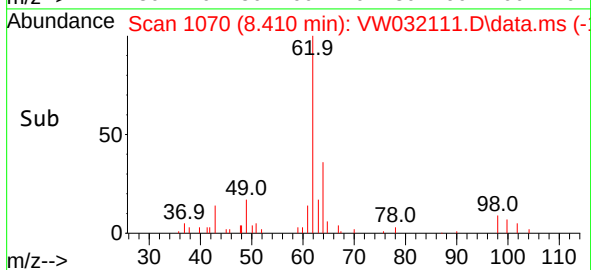
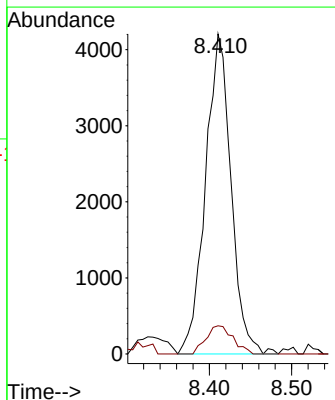
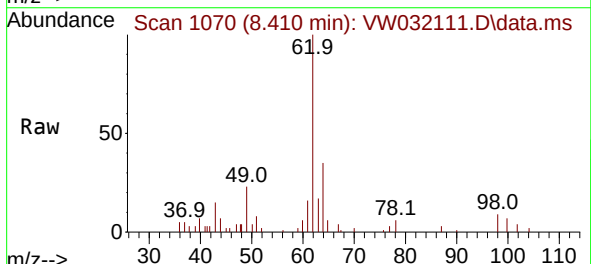
08/25/2025
Supervised By :Mahesh
Dadoda

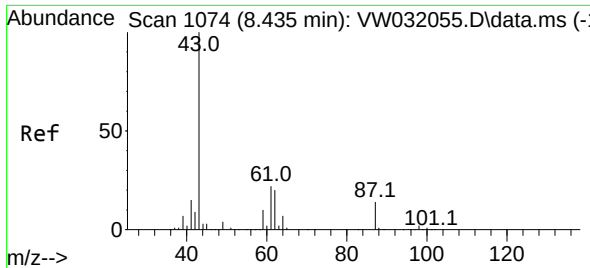
08/25/2025



#42
1,2-Dichloroethane
Concen: 2.902 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

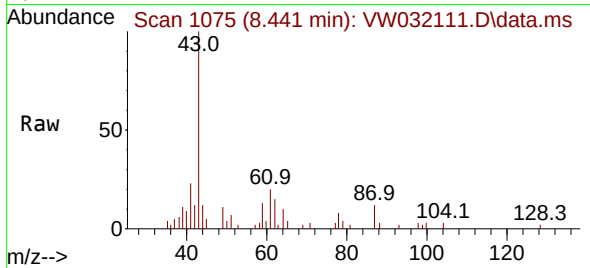
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8





#43
Isopropyl Acetate
Concen: 2.397 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

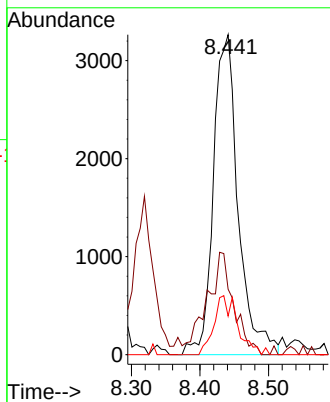
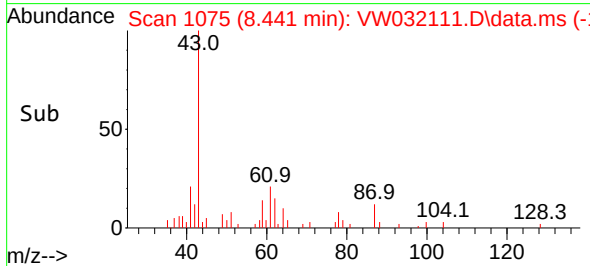
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
61 34.7 23.8 35.8
87 17.8 11.7 17.5

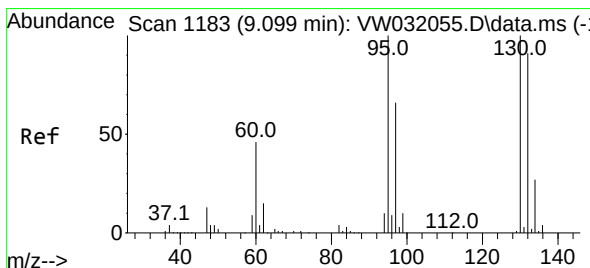
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



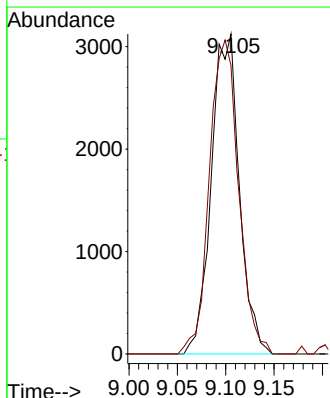
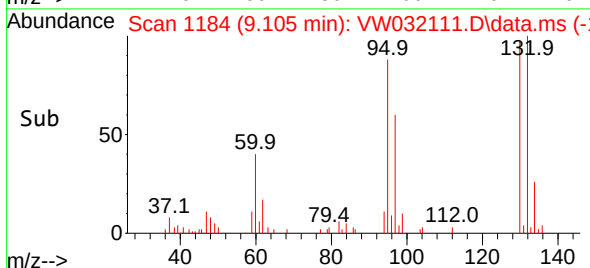
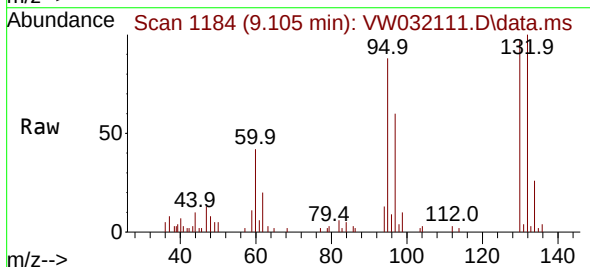
08/25/2025
Supervised By :Mahesh
Dadoda

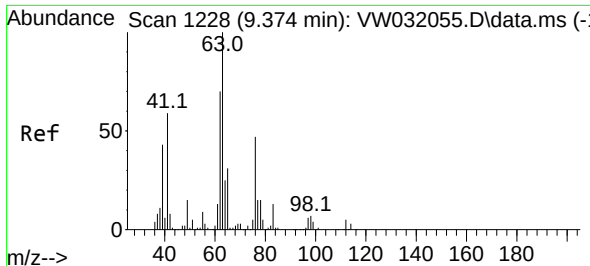
08/25/2025



#44
Trichloroethene
Concen: 2.689 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

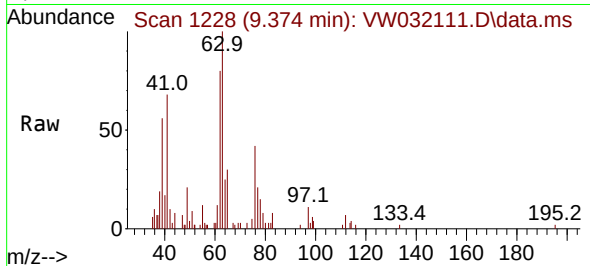
Tgt Ion:130 Resp: 6279
Ion Ratio Lower Upper
130 100
95 90.1 0.0 200.6





#45
1,2-Dichloropropane
Concen: 2.481 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

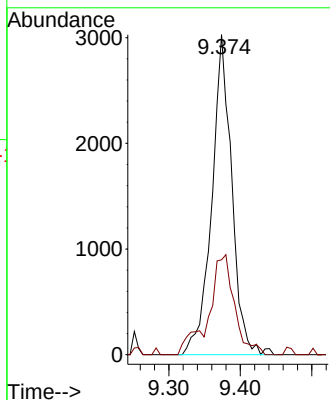
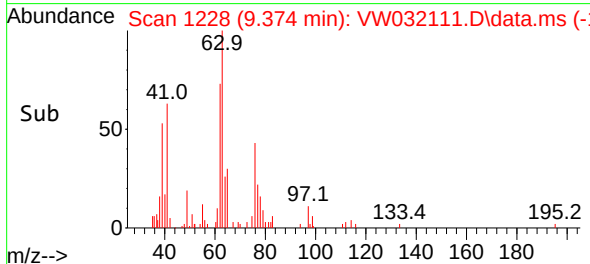
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 63 Resp: 587
Ion Ratio Lower Upper
63 100
65 29.6 24.6 36.8

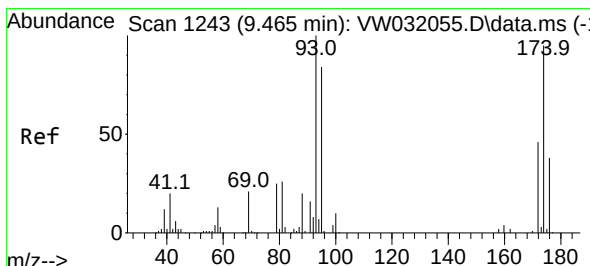
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



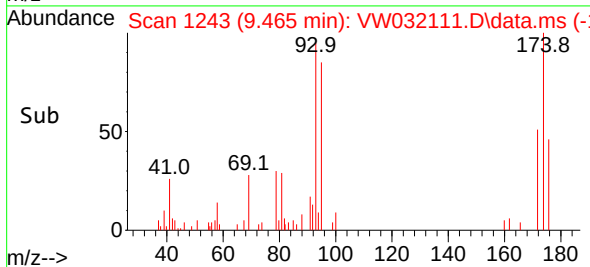
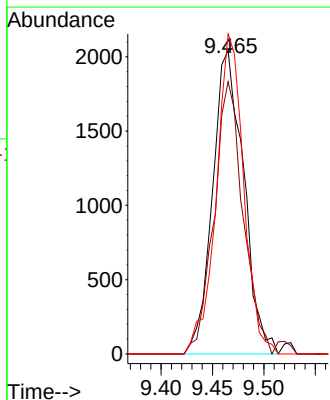
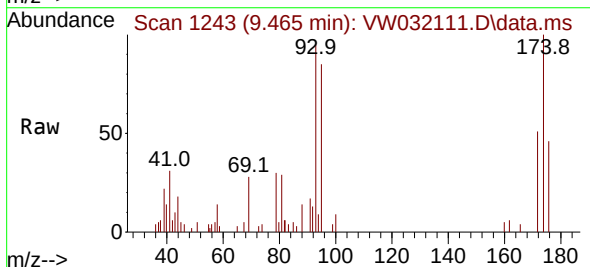
08/25/2025
Supervised By :Mahesh
Dadoda

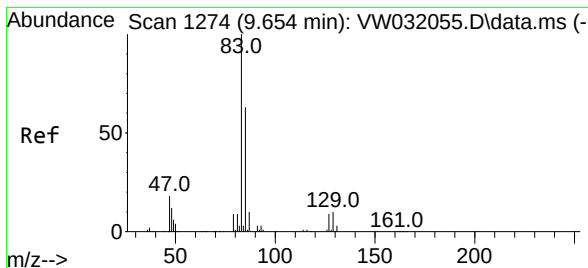
08/25/2025



#46
Dibromomethane
Concen: 2.806 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion: 93 Resp: 4291
Ion Ratio Lower Upper
93 100
95 83.8 65.3 97.9
174 93.2 68.6 102.8





#47

Bromodichloromethane

Concen: 2.613 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. -0.006 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Instrument :

MSVOA_W

ClientSampleId :

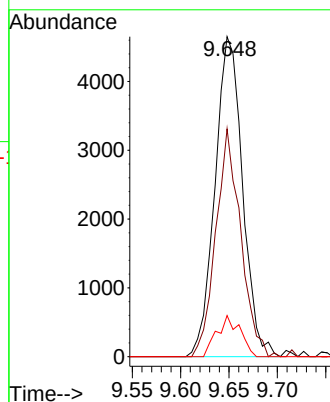
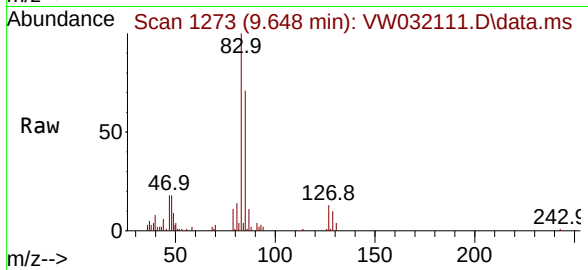
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 83 Resp: 9200

Ion	Ratio	Lower	Upper
83	100		
85	71.2	50.6	75.8
127	12.9	6.9	10.3

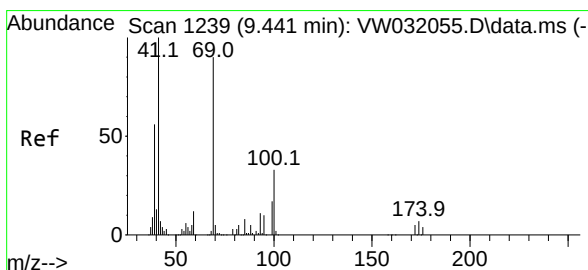
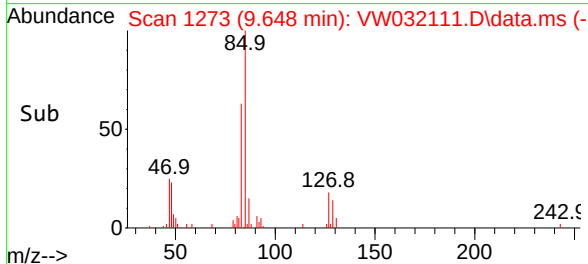
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



08/25/2025
Supervised By :Mahesh
Dadoda

08/25/2025



#48

Methyl methacrylate

Concen: 2.480 ug/l

RT: 9.441 min Scan# 1239

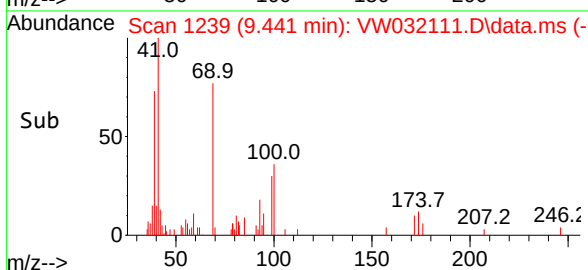
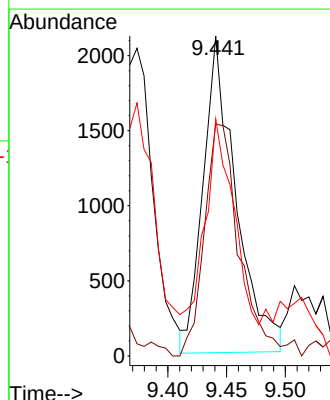
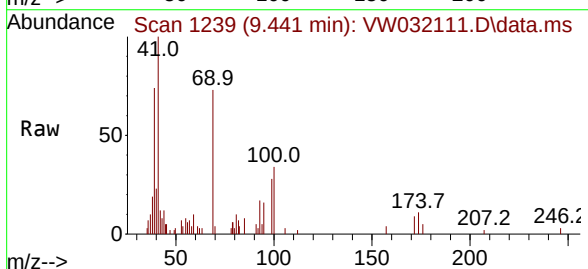
Delta R.T. 0.000 min

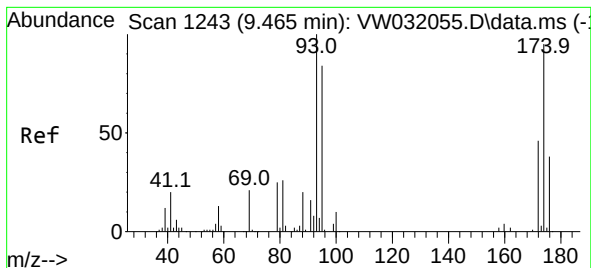
Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Tgt Ion: 41 Resp: 4093

Ion	Ratio	Lower	Upper
41	100		
69	78.7	73.0	109.6
39	53.7	45.0	67.4





#49

1,4-Dioxane

Concen: 57.562 ug/l m

RT: 9.453 min Scan# 1138

Delta R.T. -0.012 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Instrument :

MSVOA_W

ClientSampleId :

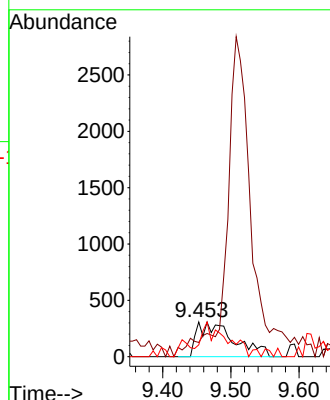
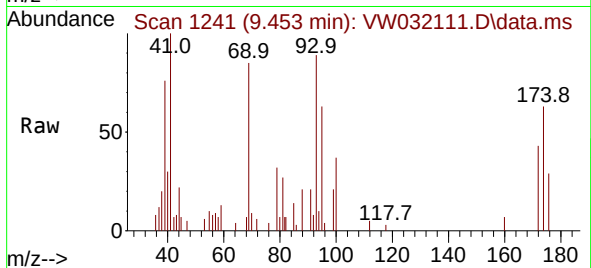
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:	88	Resp:	1138
Ion Ratio	Lower	Upper	
88	100		
43	0.0	20.6	30.8
58	42.8	60.4	90.6

Manual Integrations

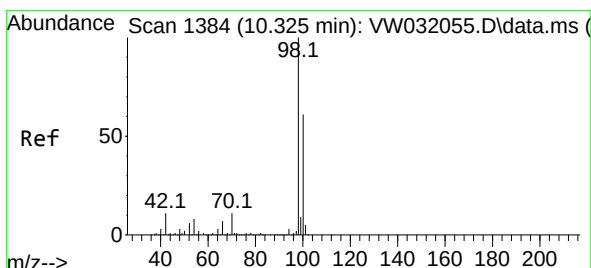
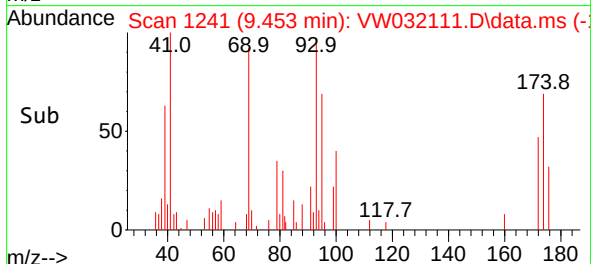
APPROVED

Reviewed By :Semsettin
Yesilyurt



08/25/2025
Supervised By :Mahesh
Dadoda

08/25/2025



#50

Toluene-d8

Concen: 49.026 ug/l

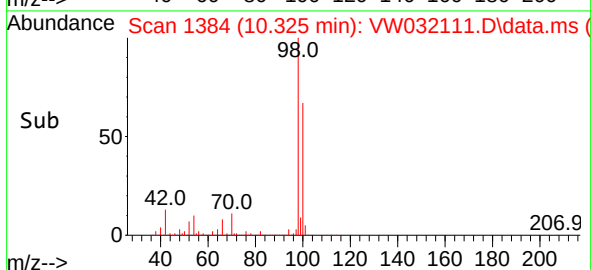
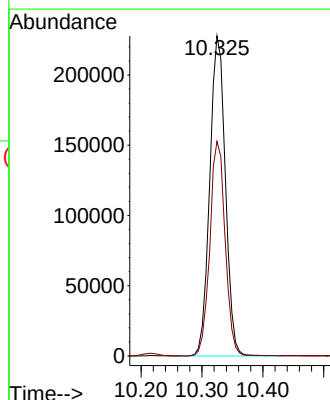
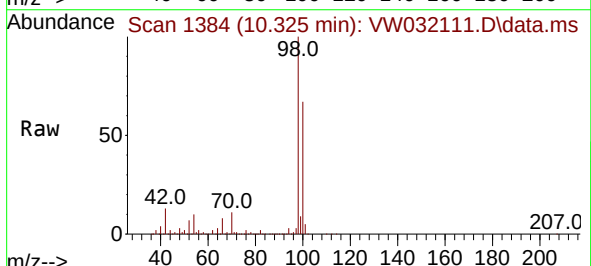
RT: 10.325 min Scan# 1384

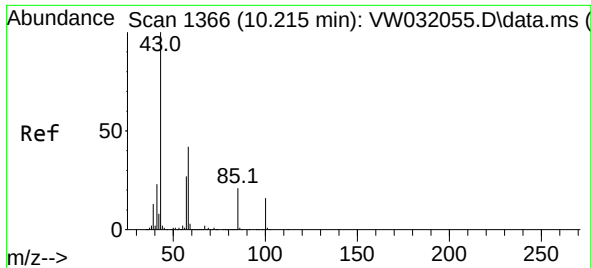
Delta R.T. 0.000 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Tgt Ion:	98	Resp:	405799
Ion Ratio	Lower	Upper	
98	100		
100	65.5	51.1	76.7





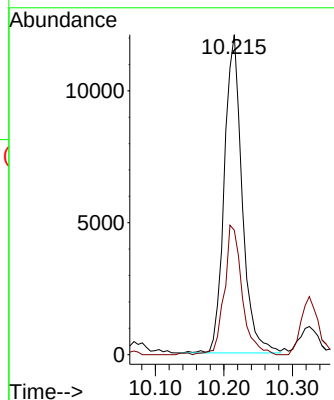
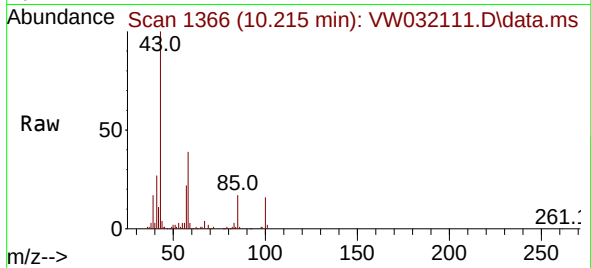
#51
4-Methyl-2-Pentanone
Concen: 11.256 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 43 Resp: 21718
Ion Ratio Lower Upper
43 100
58 40.6 33.1 49.7

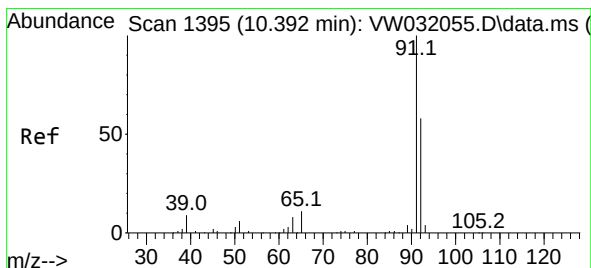
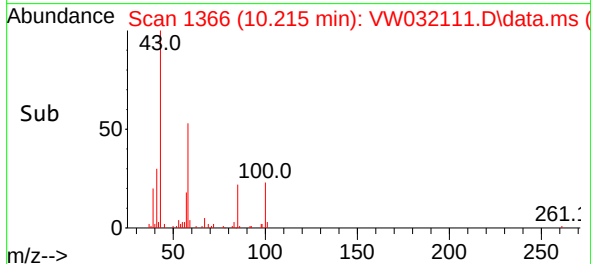
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



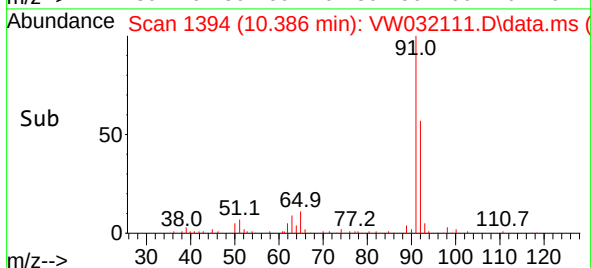
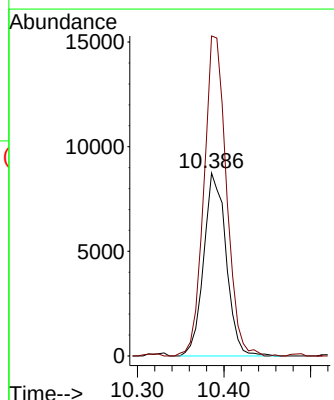
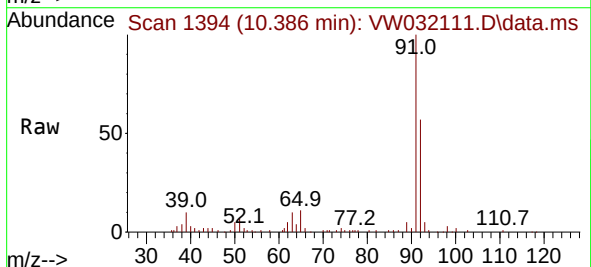
08/25/2025
Supervised By :Mahesh
Dadoda

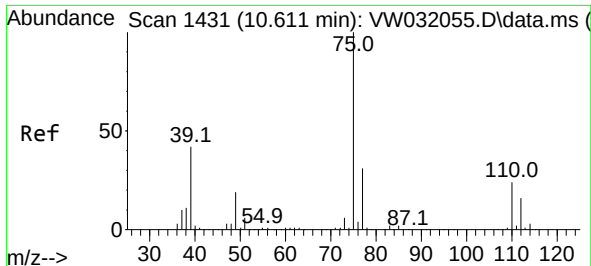
08/25/2025



#52
Toluene
Concen: 2.543 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

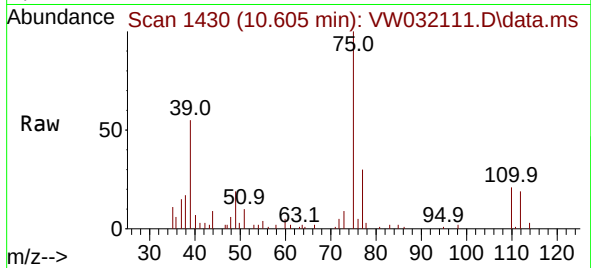
Tgt Ion: 92 Resp: 15710
Ion Ratio Lower Upper
92 100
91 175.5 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 2.208 ug/l
RT: 10.605 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

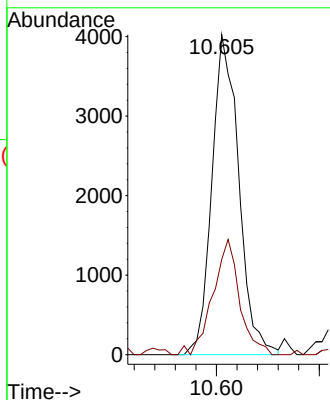
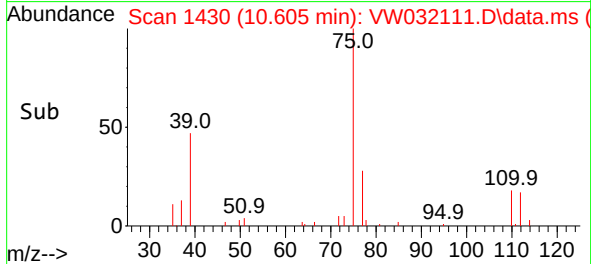
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 75 Resp: 728
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.6

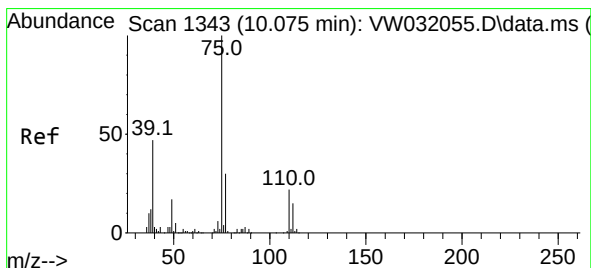
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



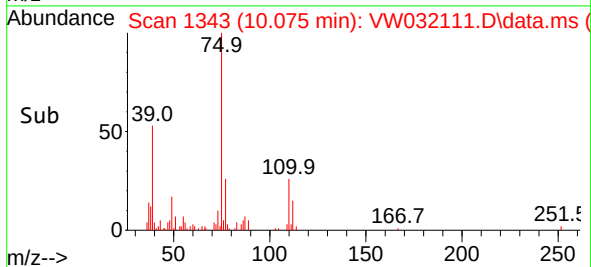
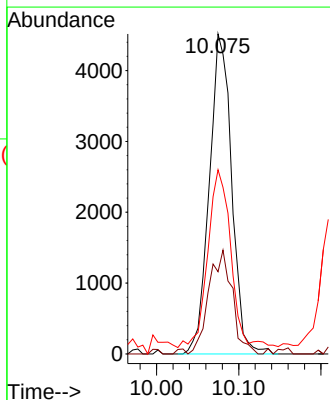
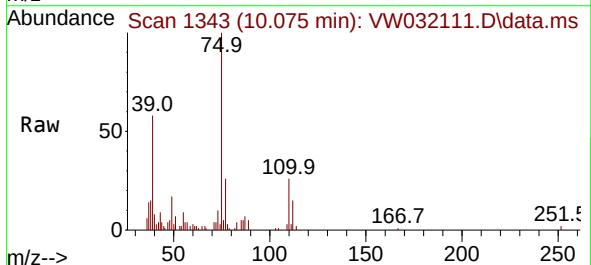
08/25/2025
Supervised By :Mahesh
Dadoda

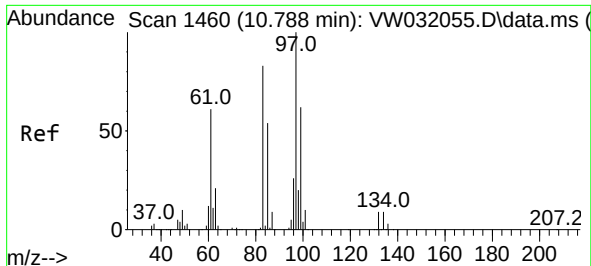
08/25/2025



#54
cis-1,3-Dichloropropene
Concen: 2.281 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

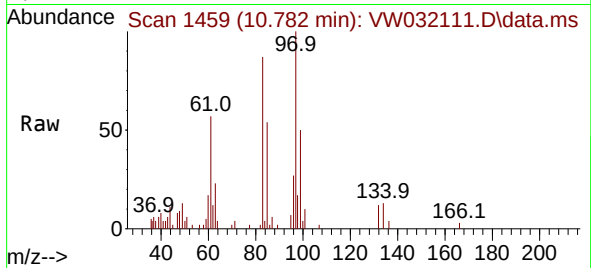
Tgt Ion: 75 Resp: 8541
Ion Ratio Lower Upper
75 100
77 24.3 24.0 36.0
39 55.5 37.8 56.8





#55
1,1,2-Trichloroethane
Concen: 2.693 ug/l
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

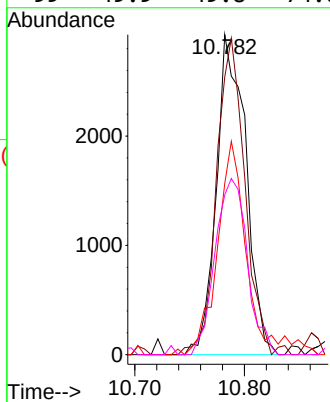
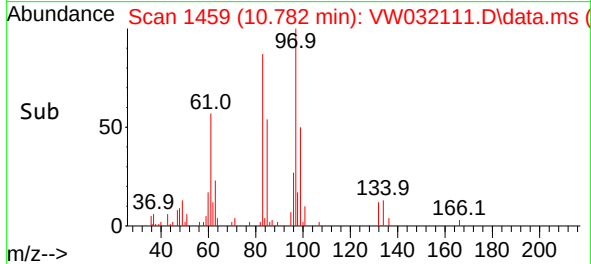
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:	97	Resp:	547
Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.4	99.6
85	51.8	43.1	64.7
99	49.9	49.8	74.6

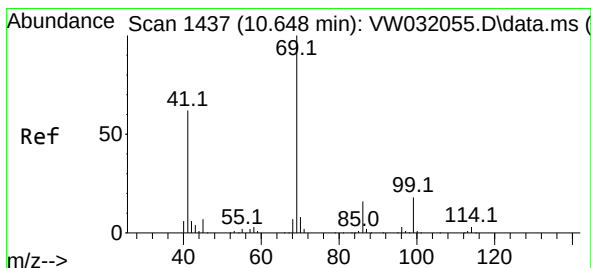
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

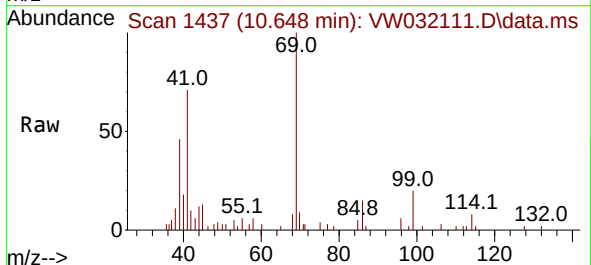


08/25/2025
Supervised By :Mahesh
Dadoda

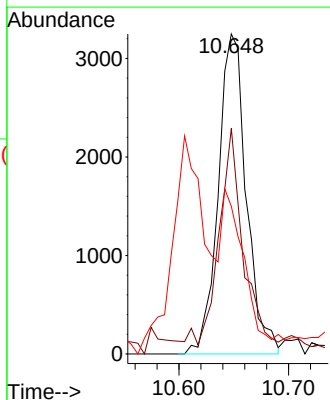
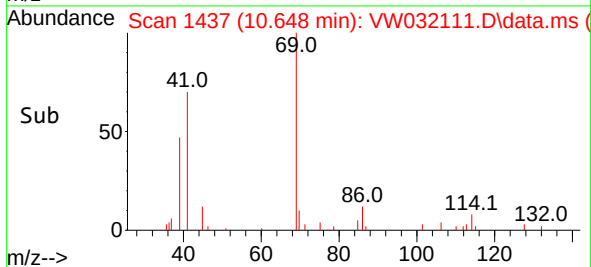
08/25/2025

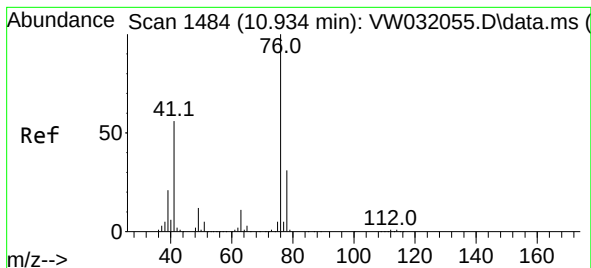


#56
Ethyl methacrylate
Concen: 2.129 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24



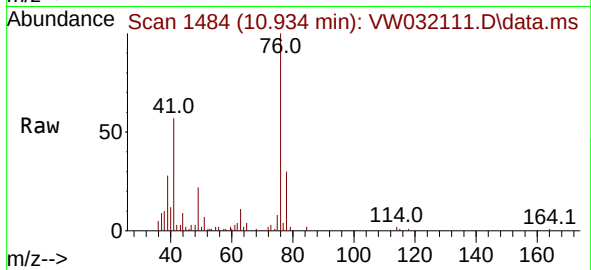
Tgt Ion:	69	Resp:	5790
Ion	Ratio	Lower	Upper
69	100		
41	61.9	51.2	76.8
39	33.8	25.4	38.0





#57
1,3-Dichloropropane
Concen: 2.502 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

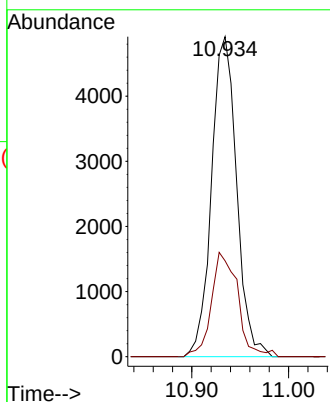
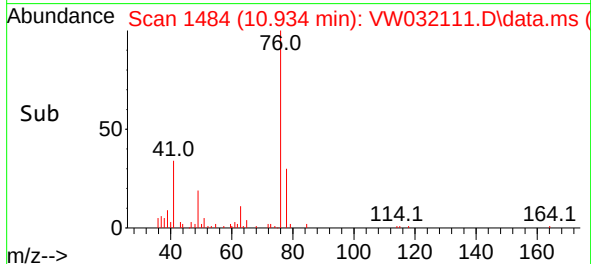
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 76 Resp: 8862
Ion Ratio Lower Upper
76 100
78 34.3 25.8 38.6

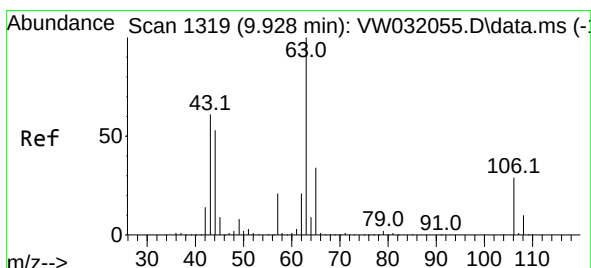
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



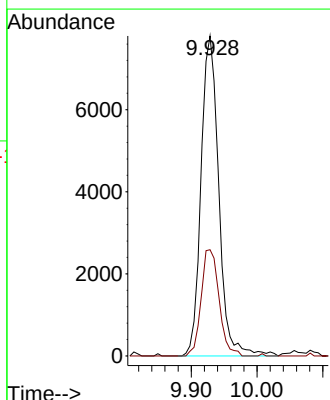
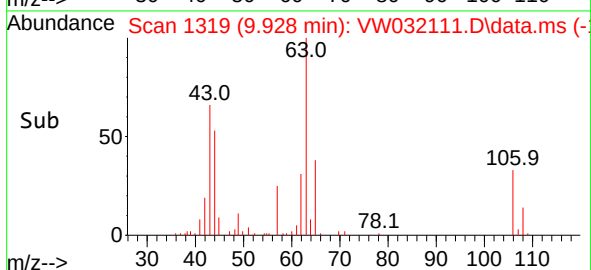
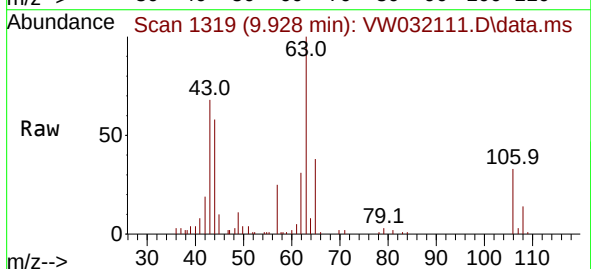
08/25/2025
Supervised By :Mahesh
Dadoda

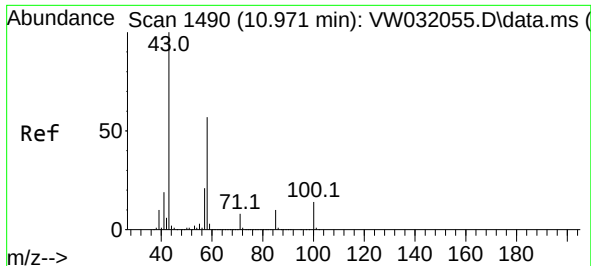
08/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 9.752 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion: 63 Resp: 14666
Ion Ratio Lower Upper
63 100
106 33.4 23.5 35.3





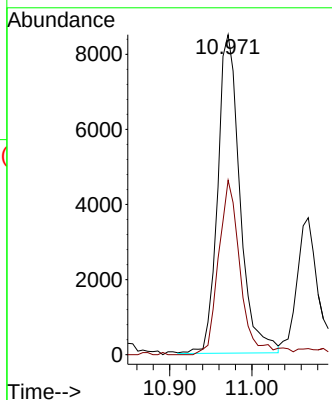
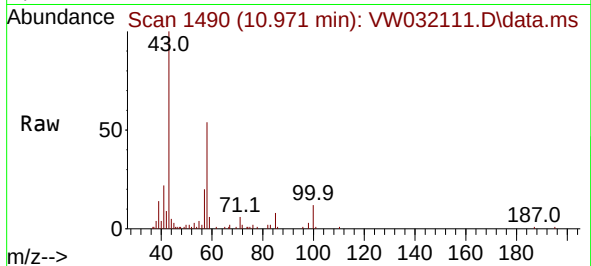
#59
2-Hexanone
Concen: 11.958 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 43 Resp: 15979
Ion Ratio Lower Upper
43 100
58 53.8 28.3 85.0

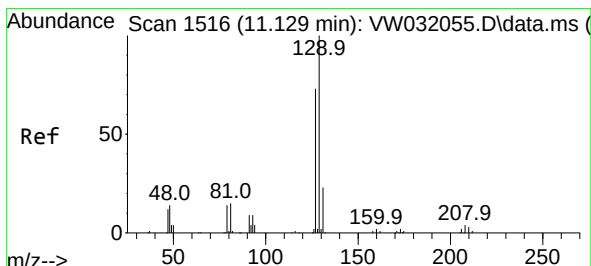
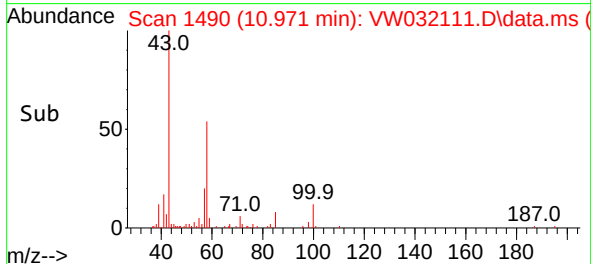
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



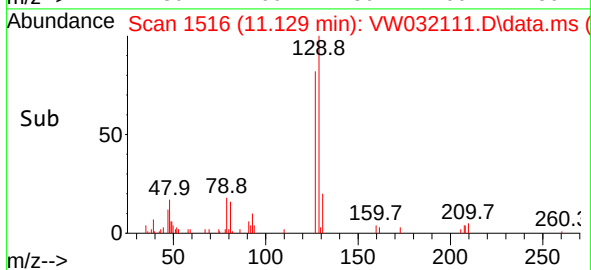
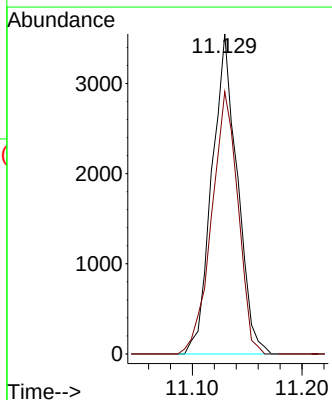
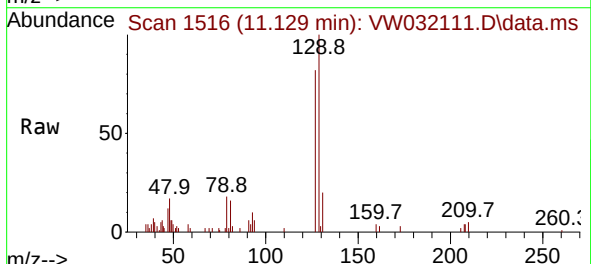
08/25/2025
Supervised By :Mahesh
Dadoda

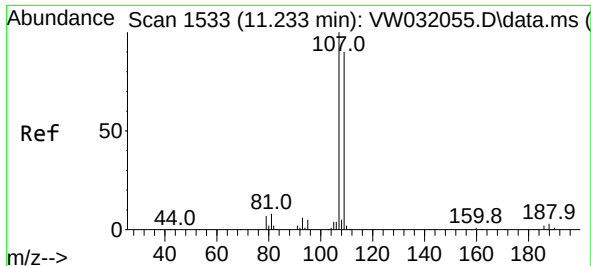
08/25/2025



#60
Dibromochloromethane
Concen: 2.460 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion:129 Resp: 5709
Ion Ratio Lower Upper
129 100
127 84.8 39.0 116.9





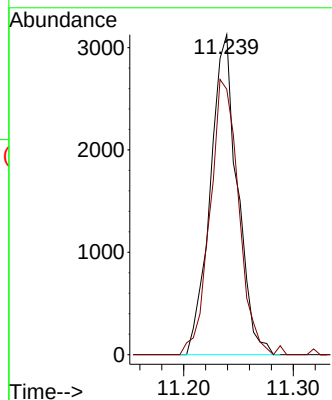
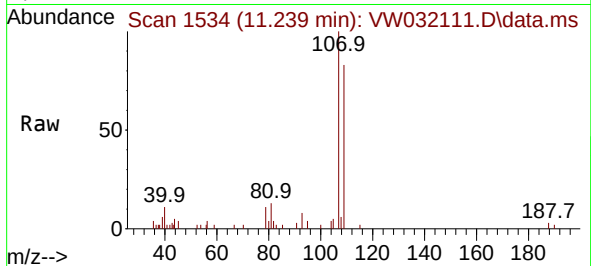
#61
1,2-Dibromoethane
Concen: 2.719 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:107 Resp: 536
Ion Ratio Lower Upper
107 100
109 90.7 74.2 111.4

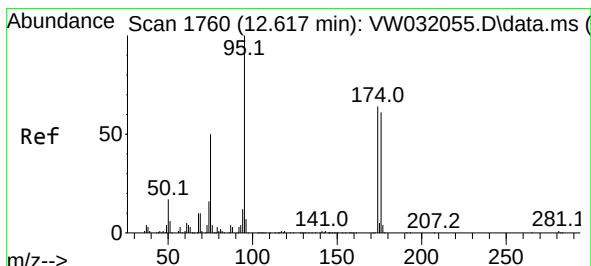
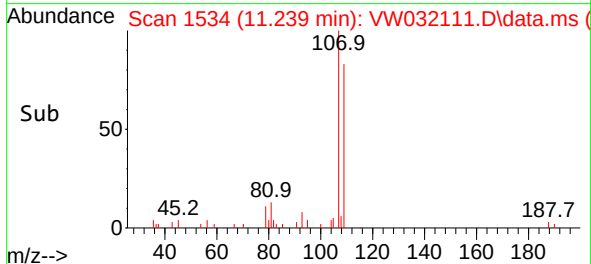
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



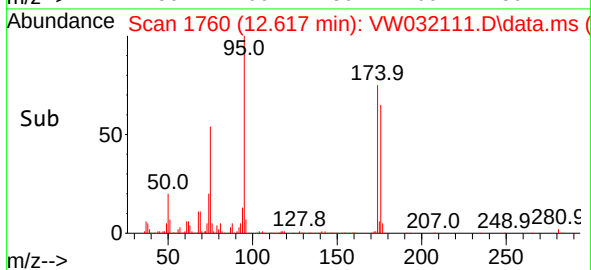
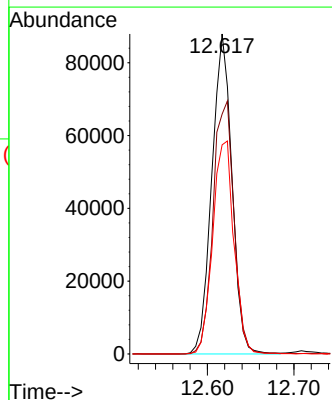
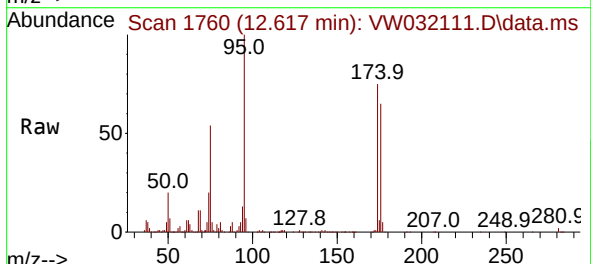
08/25/2025
Supervised By :Mahesh
Dadoda

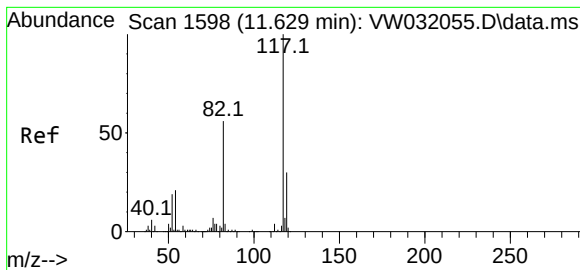
08/25/2025



#62
4-Bromofluorobenzene
Concen: 46.465 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

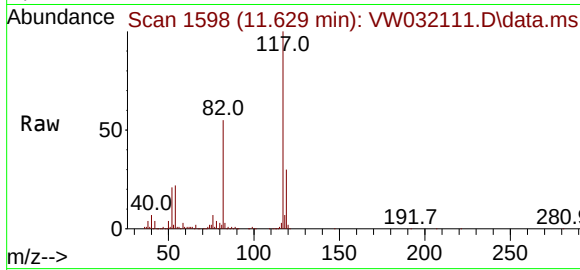
Tgt Ion: 95 Resp: 141731
Ion Ratio Lower Upper
95 100
174 82.5 0.0 129.0
176 70.6 0.0 124.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

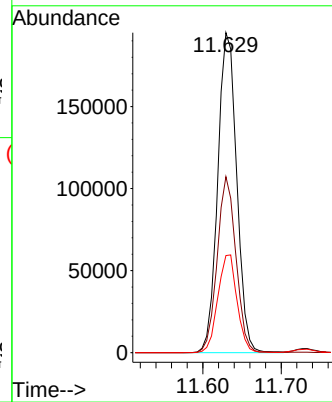
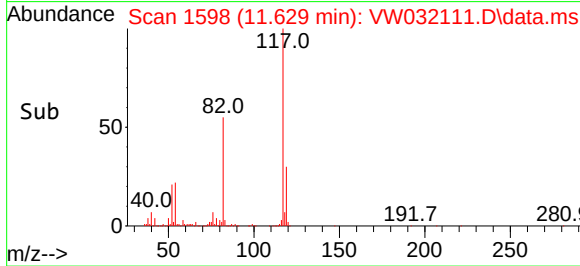
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:117 Resp: 32856
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 30.3 24.2 36.4

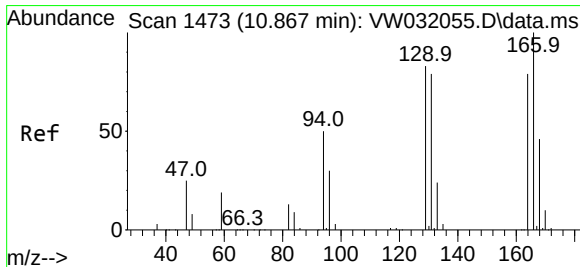
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

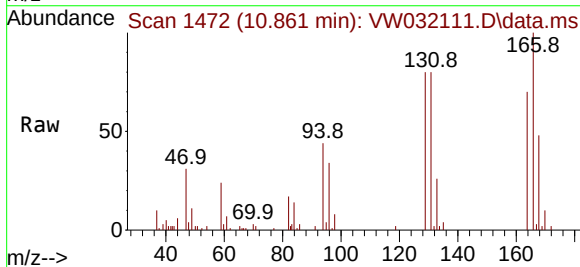


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Supervised By :Mahesh
Dadoda

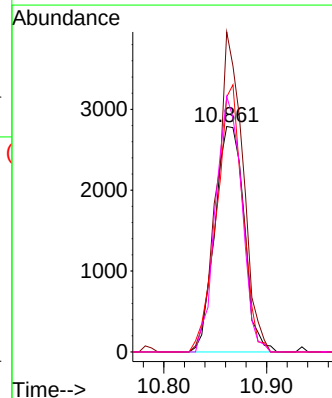
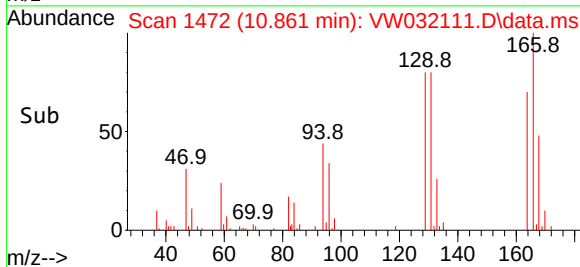
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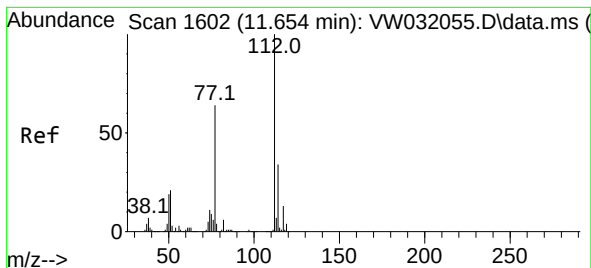


#64
Tetrachloroethene
Concen: 2.896 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24



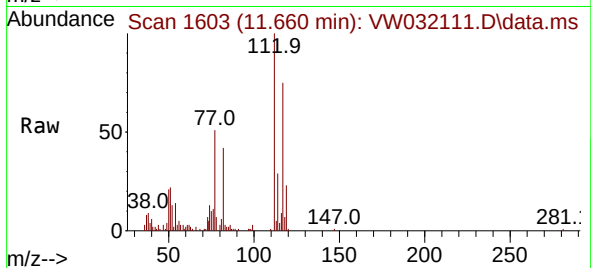
Tgt Ion:164 Resp: 5496
Ion Ratio Lower Upper
164 100
166 142.0 100.9 151.3
129 113.1 83.6 125.4
131 113.3 79.3 118.9





#65
Chlorobenzene
Concen: 2.564 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

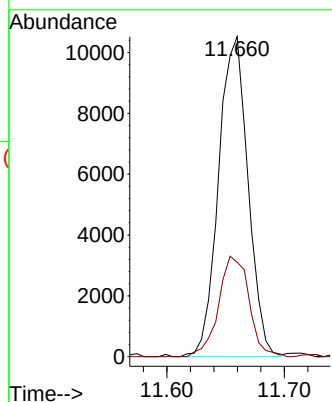
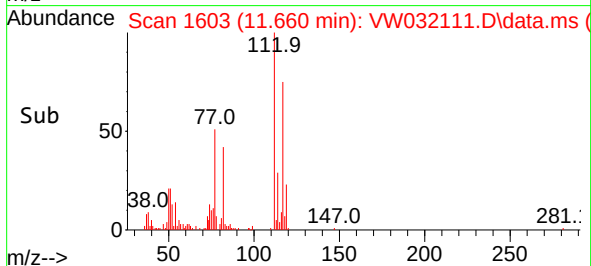
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:112 Resp: 18338
Ion Ratio Lower Upper
112 100
114 29.5 26.9 40.3

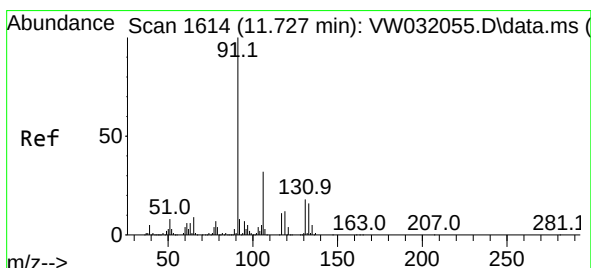
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

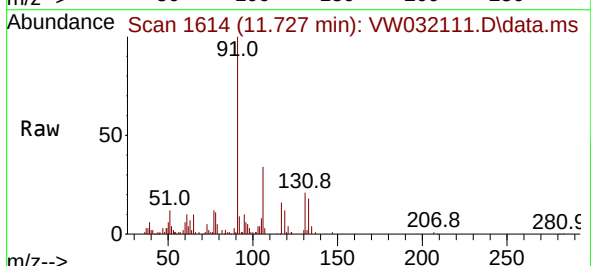


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Supervised By :Mahesh
Dadoda

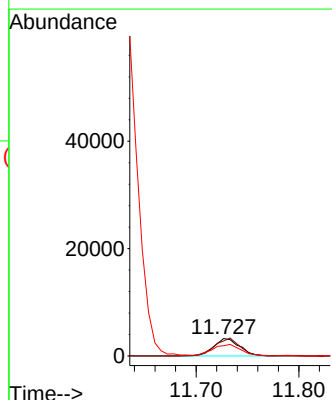
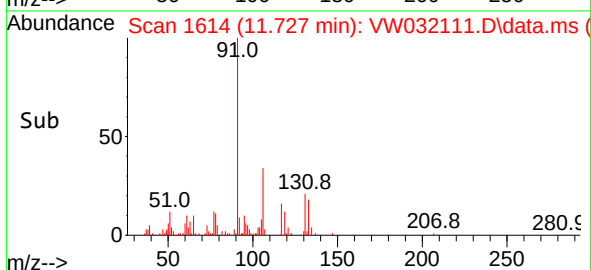
08/25/2025

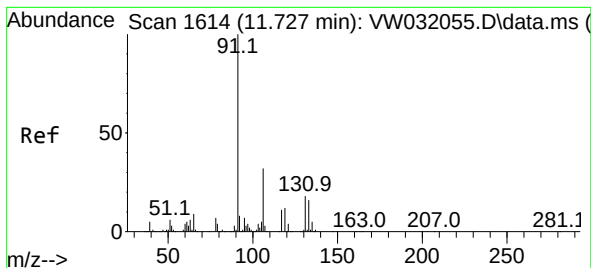


#66
1,1,1,2-Tetrachloroethane
Concen: 2.562 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24



Tgt Ion:131 Resp: 5716
Ion Ratio Lower Upper
131 100
133 98.2 47.3 142.0
119 72.0 34.5 103.5





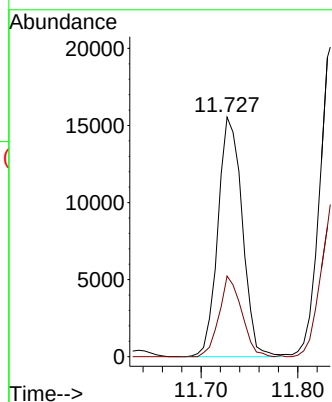
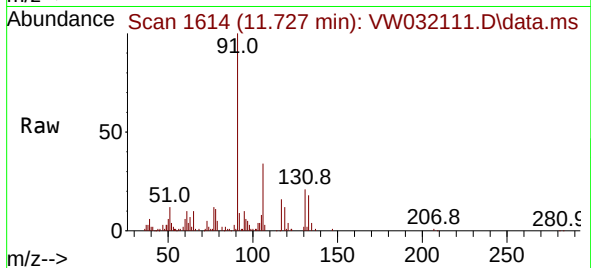
#67
Ethyl Benzene
Concen: 2.235 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 91 Resp: 2707
Ion Ratio Lower Upper
91 100
106 33.7 25.4 38.0

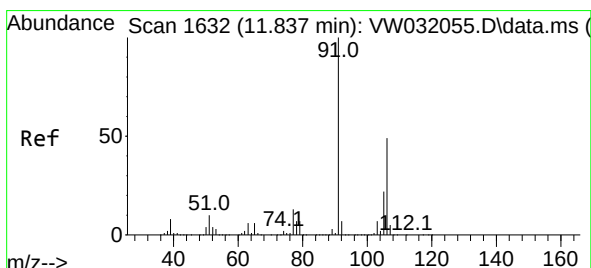
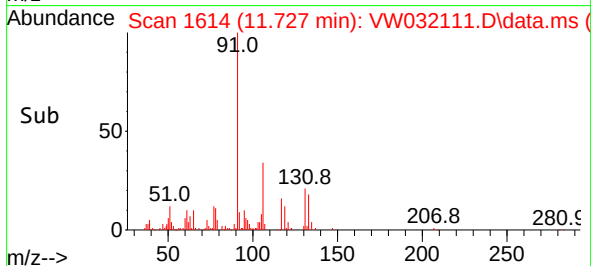
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



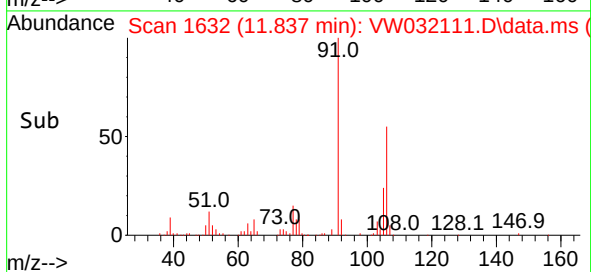
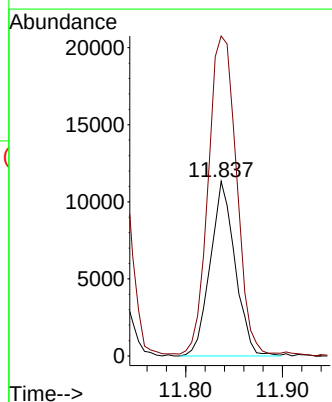
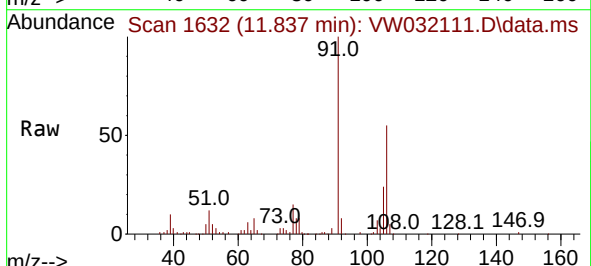
08/25/2025
Supervised By :Mahesh
Dadoda

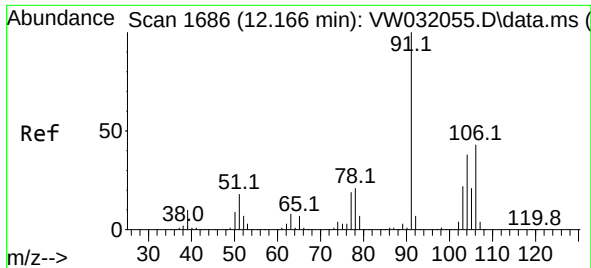
08/25/2025



#68
m/p-Xylenes
Concen: 4.316 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

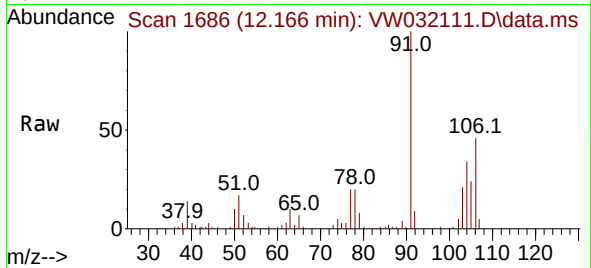
Tgt Ion:106 Resp: 20175
Ion Ratio Lower Upper
106 100
91 206.4 162.2 243.2





#69
o-Xylene
Concen: 2.150 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

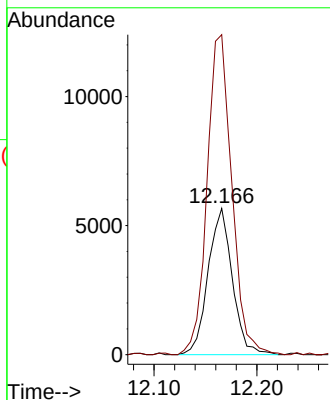
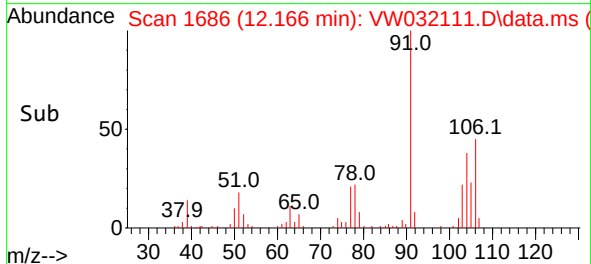
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:106 Resp: 929
Ion Ratio Lower Upper
106 100
91 222.9 110.8 332.3

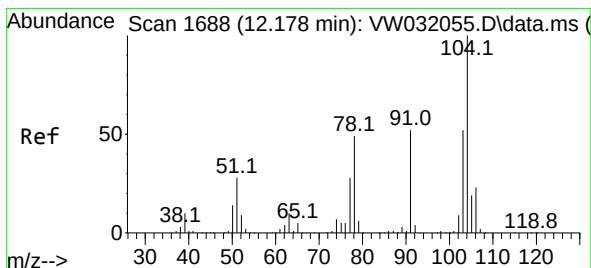
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

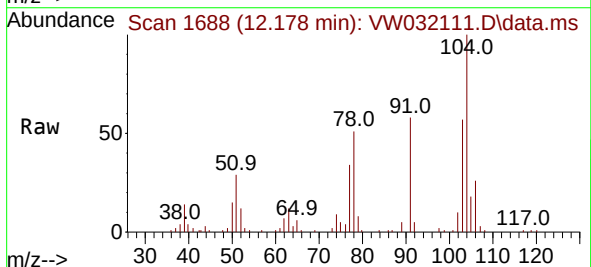


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Supervised By :Mahesh
Dadoda

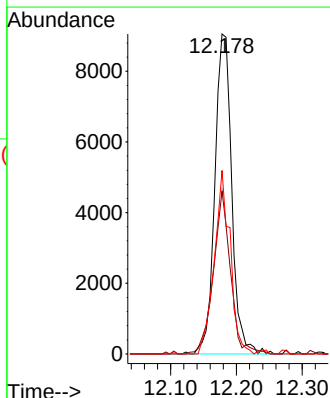
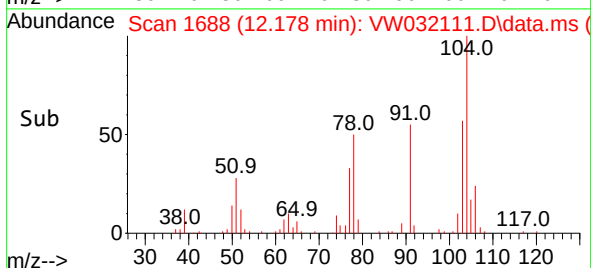
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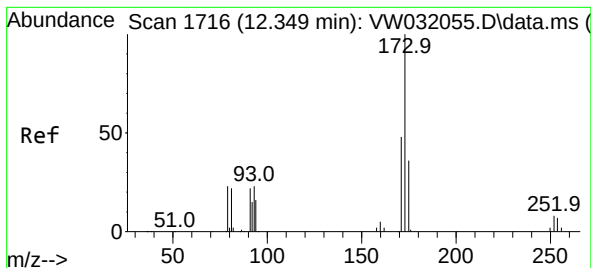


#70
Styrene
Concen: 2.117 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24



Tgt Ion:104 Resp: 16246
Ion Ratio Lower Upper
104 100
78 51.0 41.2 61.8
103 53.7 43.8 65.8





#71

Bromoform

Concen: 2.897 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Instrument :

MSVOA_W

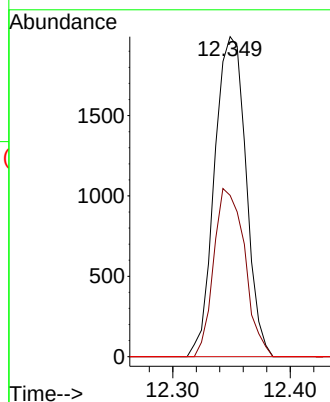
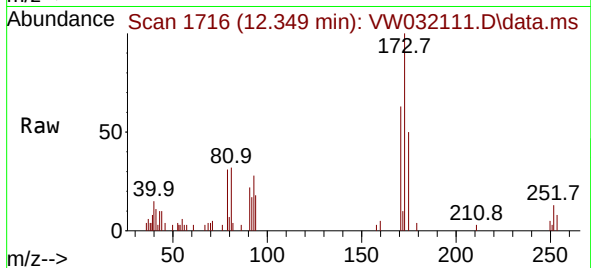
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:173	Resp:	3698
Ion Ratio	Lower	Upper
173	100	
175	51.7	22.9 68.7
254	0.0	0.0 0.0

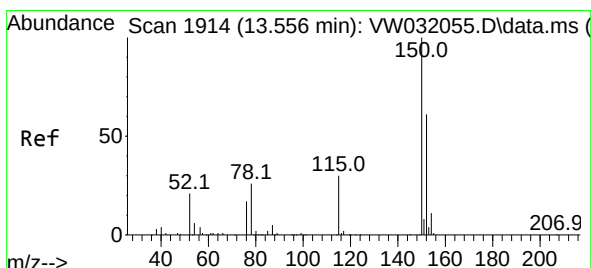
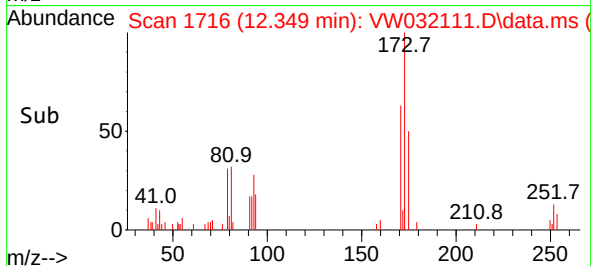
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Reviewed By :Semsettin
Yesilyurt



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Dadoda

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

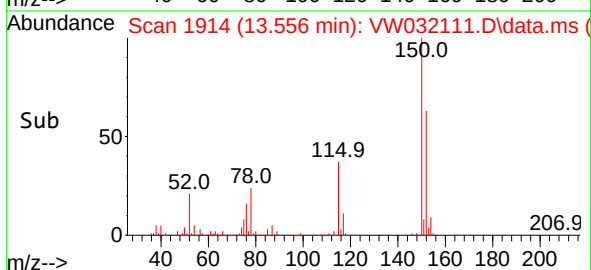
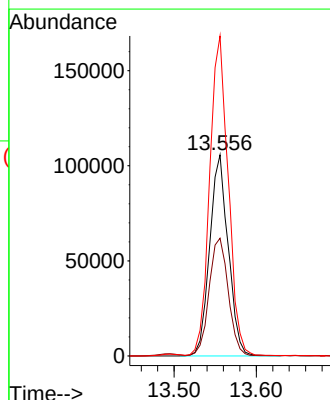
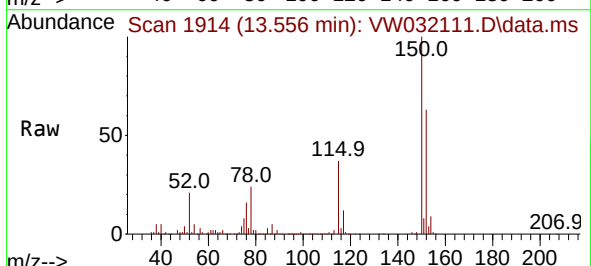
RT: 13.556 min Scan# 1914

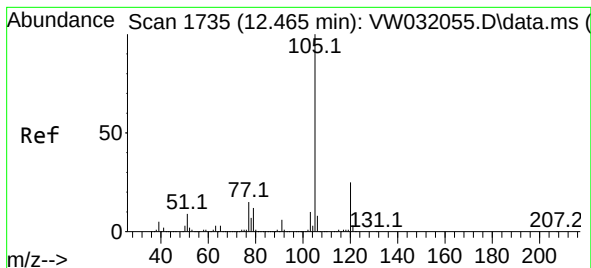
Delta R.T. 0.000 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Tgt Ion:152	Resp:	165571
Ion Ratio	Lower	Upper
152	100	
115	60.4	32.6 97.8
150	158.6	0.0 359.4





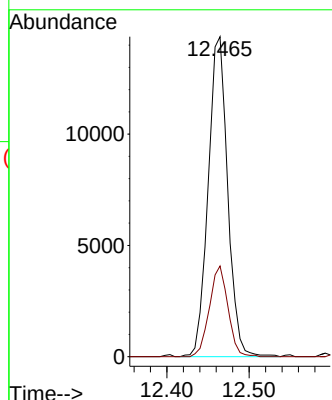
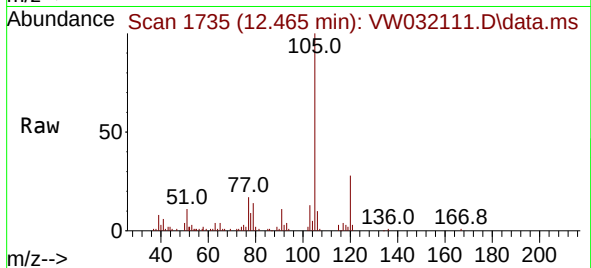
#73
Isopropylbenzene
Concen: 2.047 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:105 Resp: 2368
Ion Ratio Lower Upper
105 100
120 27.0 12.8 38.4

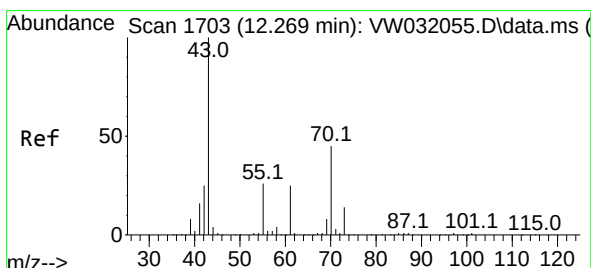
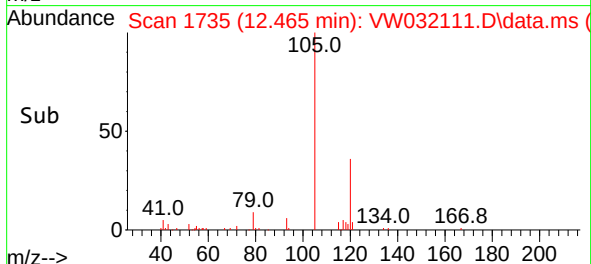
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



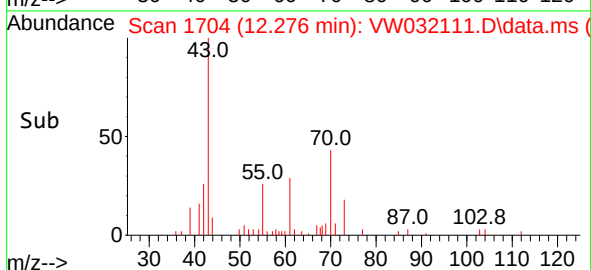
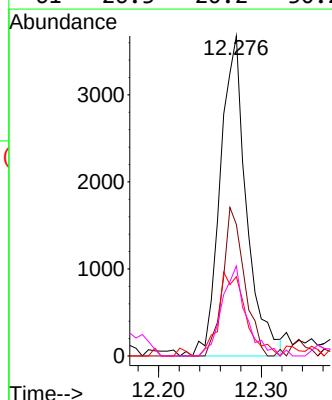
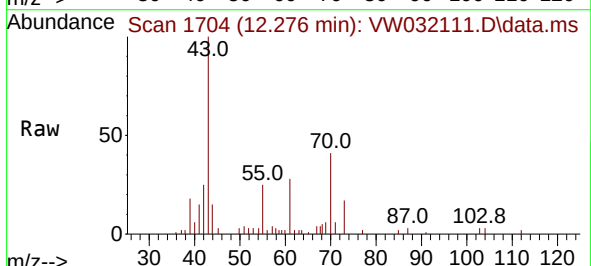
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Supervised By :Mahesh
Dadoda

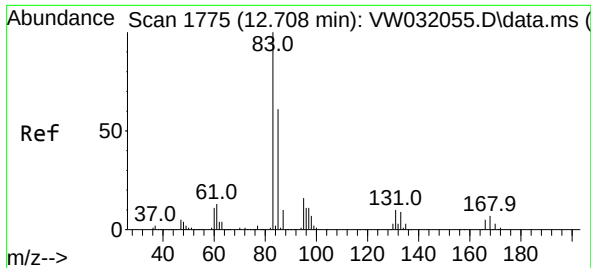
08/25/2025



#74
N-ethyl acetate
Concen: 1.956 ug/l
RT: 12.276 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion: 43 Resp: 6492
Ion Ratio Lower Upper
43 100
70 38.2 37.0 55.4
55 26.8 21.1 31.7
61 26.3 20.2 30.2





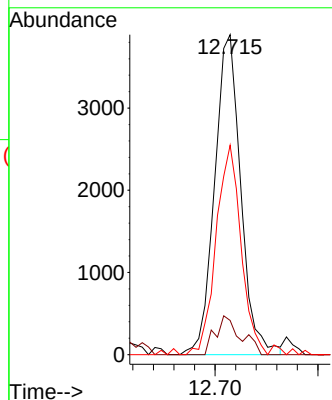
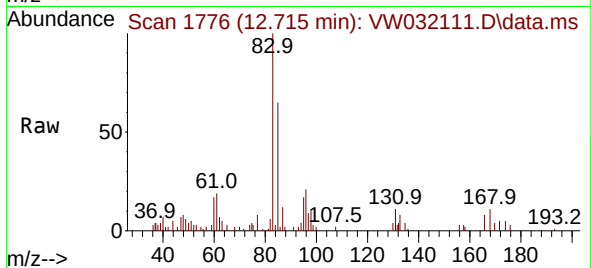
#75
1,1,2,2-Tetrachloroethane
Concen: 2.503 ug/l
RT: 12.715 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 83 Resp: 6870
Ion Ratio Lower Upper
83 100
131 11.7 5.1 15.4
85 62.3 32.2 96.6

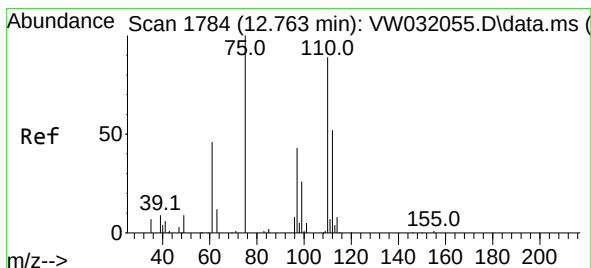
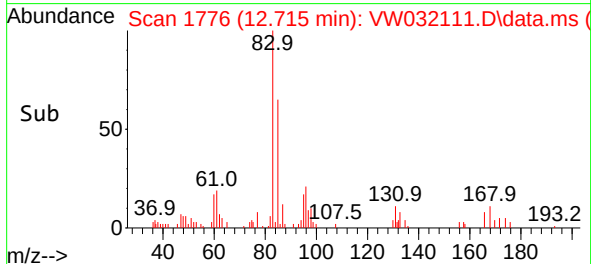
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



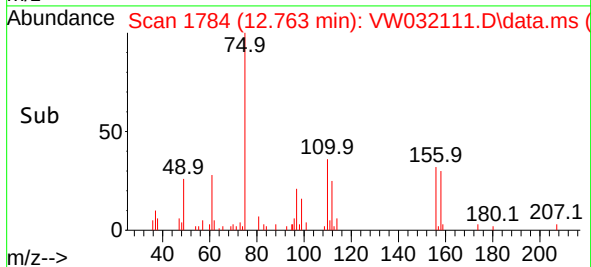
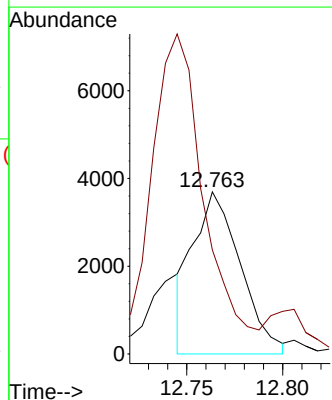
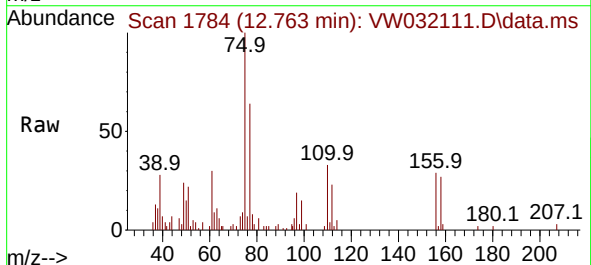
08/25/2025
Supervised By :Mahesh
Dadoda

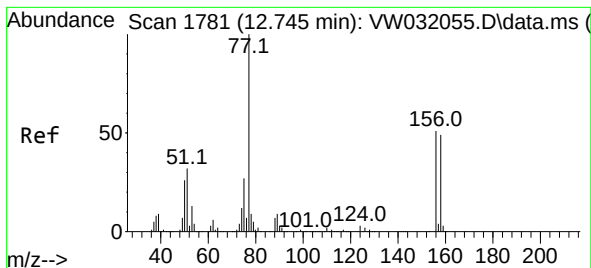
08/25/2025



#76
1,2,3-Trichloropropane
Concen: 2.824 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

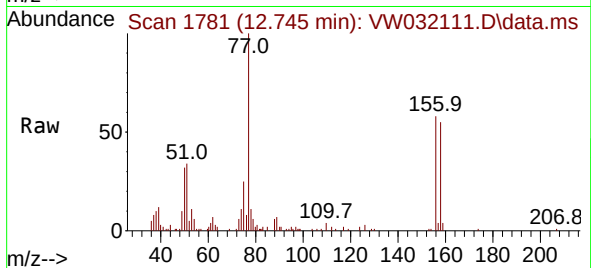
Tgt Ion: 75 Resp: 6346
Ion Ratio Lower Upper
75 100
77 220.2 123.5 370.5





#77
Bromobenzene
Concen: 2.555 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

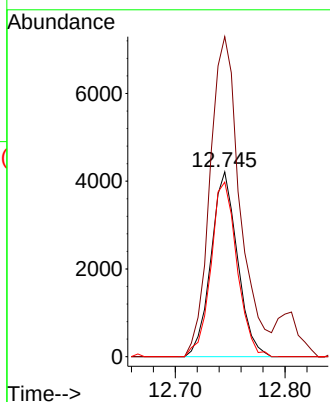
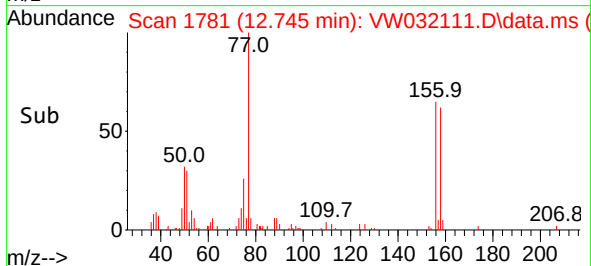
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 156 Resp: 7062
Ion Ratio Lower Upper
156 100
77 197.8 108.7 326.3
158 93.5 48.3 144.9

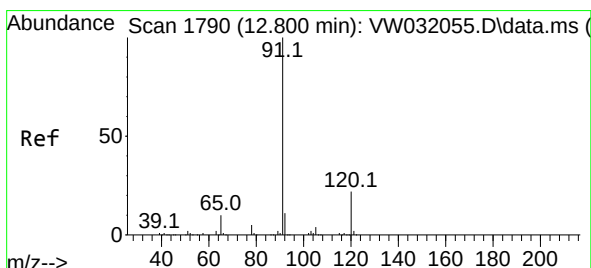
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



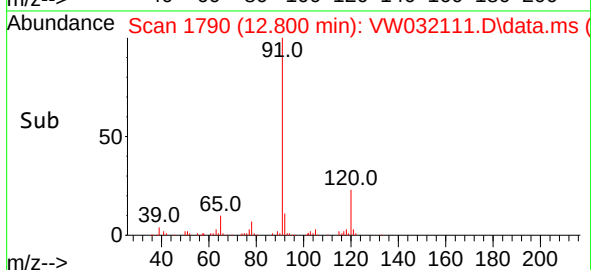
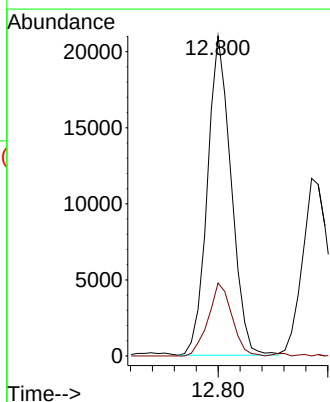
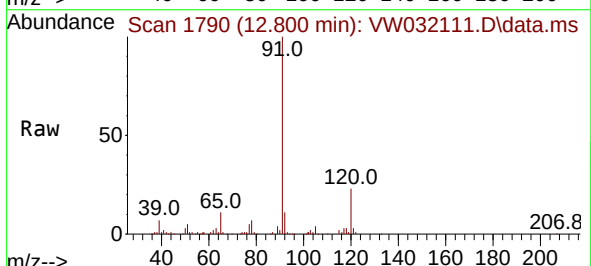
08/25/2025
Supervised By :Mahesh
Dadoda

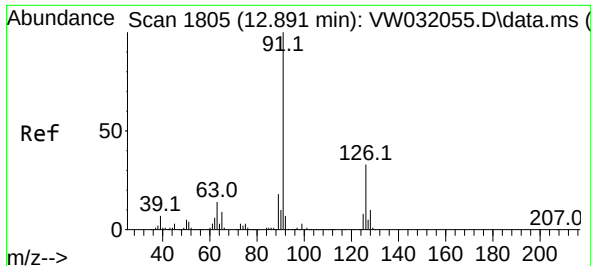
08/25/2025



#78
n-propylbenzene
Concen: 2.216 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion: 91 Resp: 31574
Ion Ratio Lower Upper
91 100
120 22.8 11.1 33.3





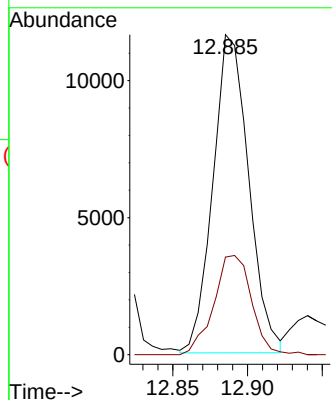
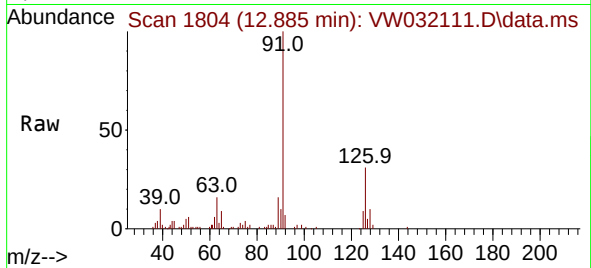
#79
2-Chlorotoluene
Concen: 2.197 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 91 Resp: 1931
Ion Ratio Lower Upper
91 100
126 32.9 15.9 47.7

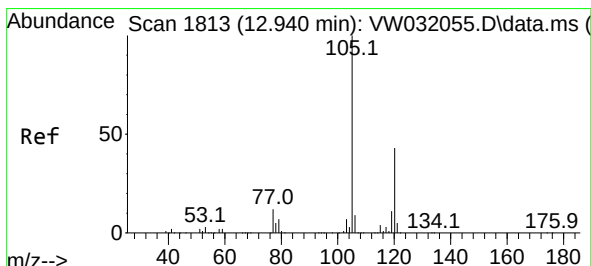
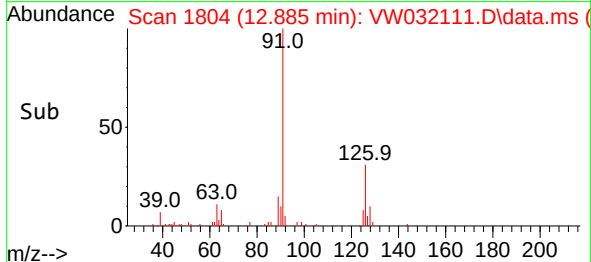
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



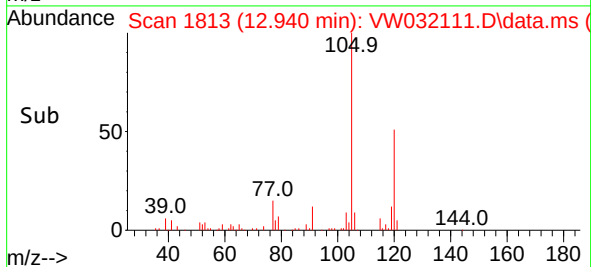
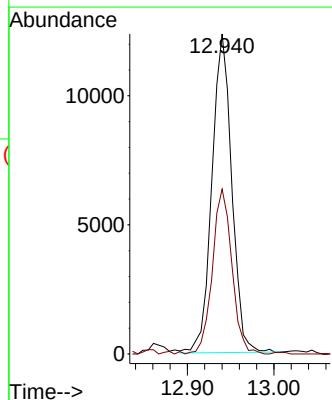
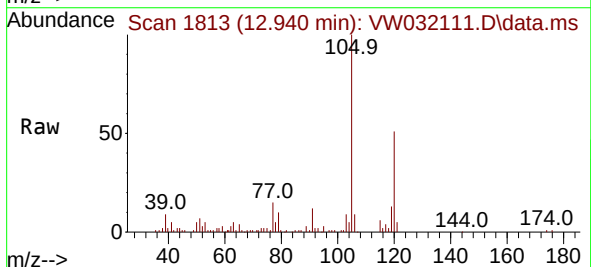
08/25/2025
Supervised By :Mahesh
Dadoda

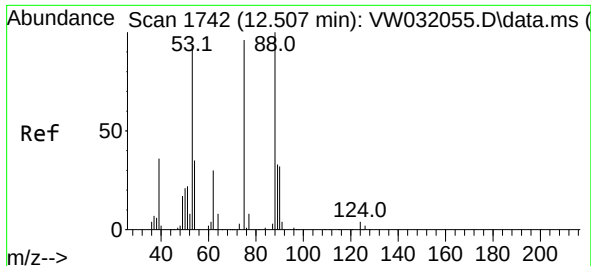
08/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.001 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

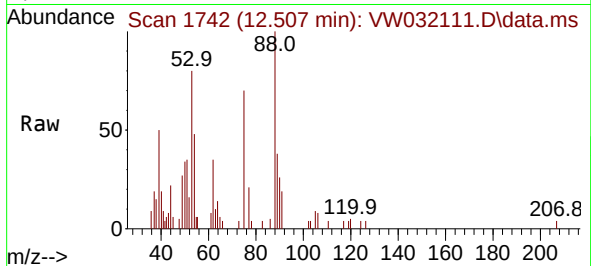
Tgt Ion:105 Resp: 19653
Ion Ratio Lower Upper
105 100
120 50.7 23.4 70.0





#81
trans-1,4-Dichloro-2-butene
Concen: 2.535 ug/l m
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

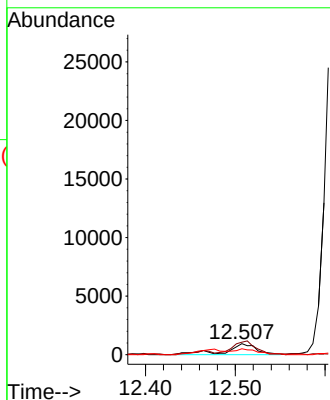
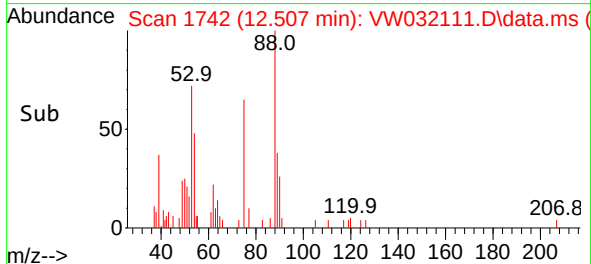
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 75 Resp: 2200
Ion Ratio Lower Upper
75 100
53 14.5 81.0 121.6
89 5.8 37.3 55.9

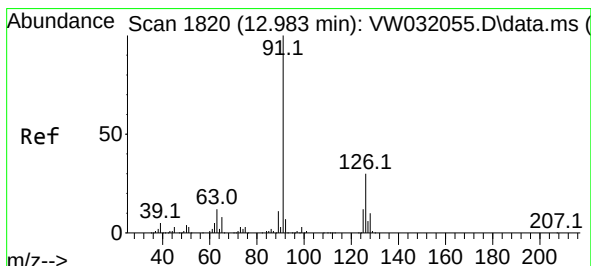
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



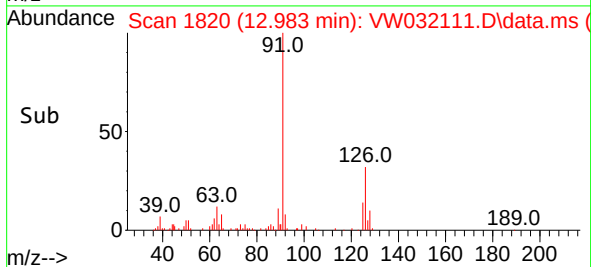
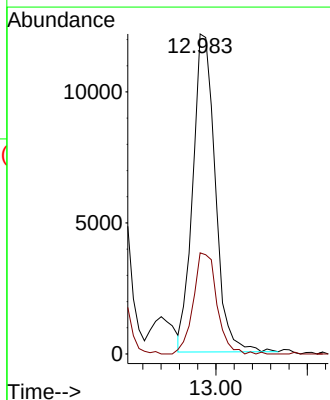
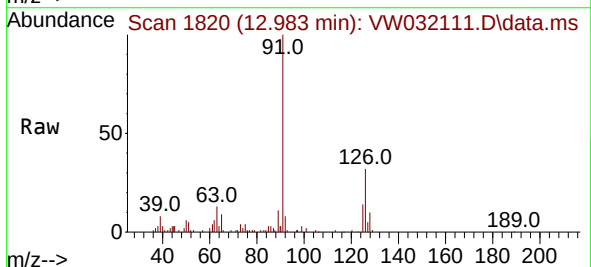
08/25/2025
Supervised By :Mahesh
Dadoda

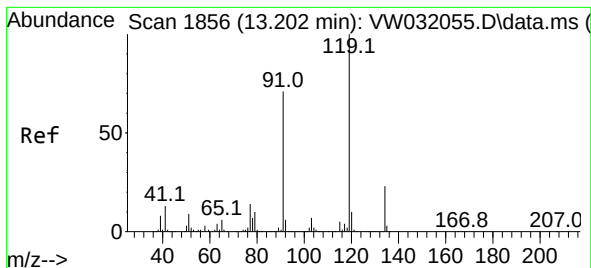
08/25/2025



#82
4-Chlorotoluene
Concen: 2.215 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion: 91 Resp: 20690
Ion Ratio Lower Upper
91 100
126 33.5 15.5 46.5





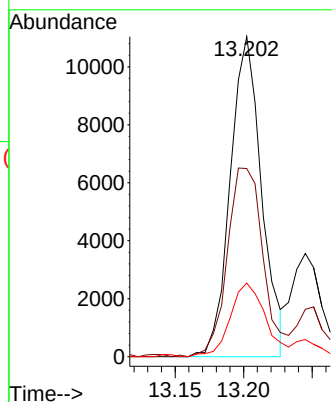
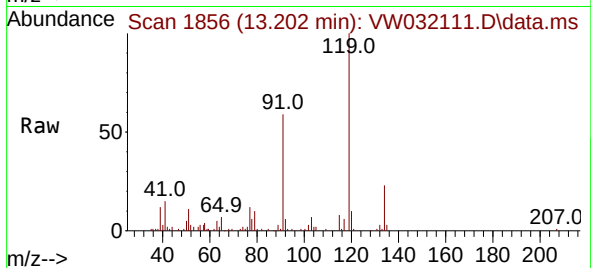
#83
tert-Butylbenzene
Concen: 2.152 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:119 Resp: 17540
Ion Ratio Lower Upper
119 100
91 67.9 35.3 105.9
134 25.7 12.1 36.3

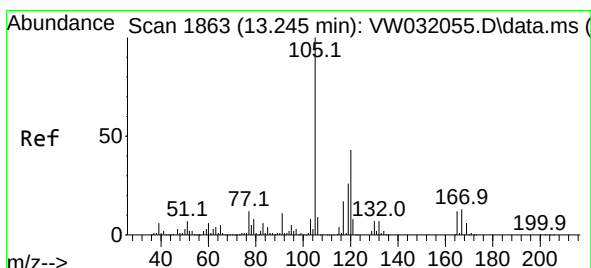
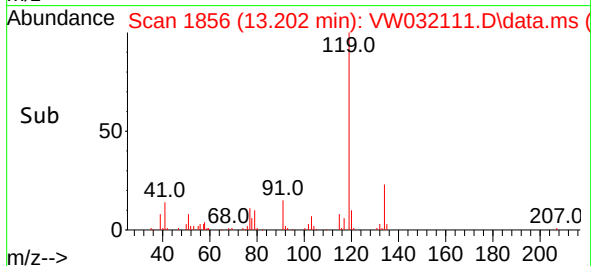
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



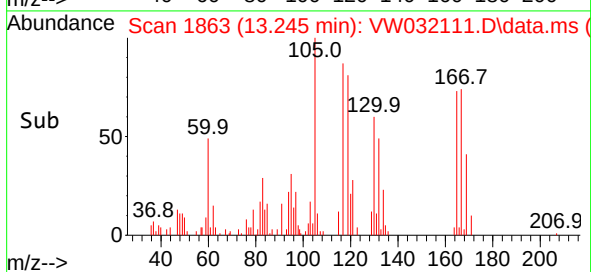
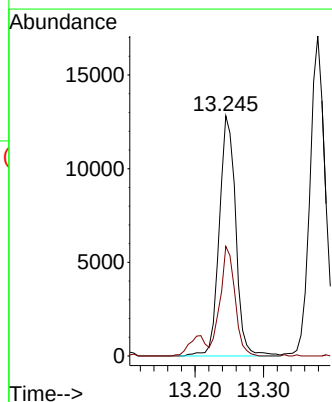
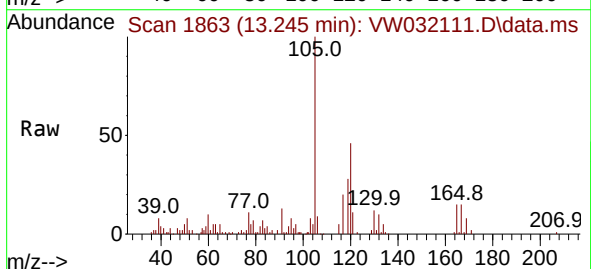
08/25/2025
Supervised By :Mahesh
Dadoda

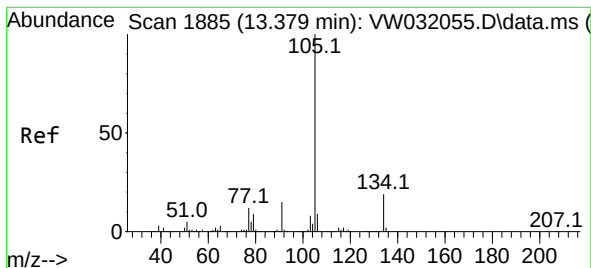
08/25/2025



#84
1,2,4-Trimethylbenzene
Concen: 2.131 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion:105 Resp: 21308
Ion Ratio Lower Upper
105 100
120 41.1 21.6 64.8





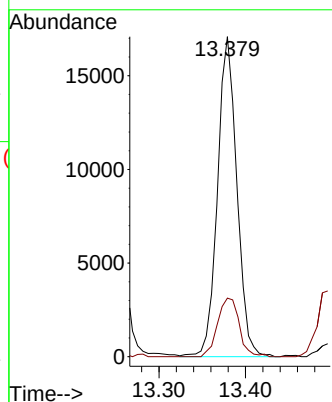
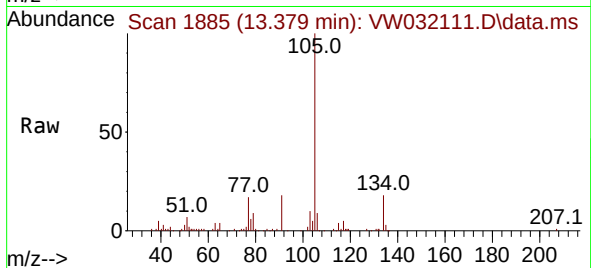
#85
 sec-Butylbenzene
 Concen: 2.151 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032111.D
 Acq: 22 Aug 2025 15:24

Instrument : MSVOA_W
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:105 Resp: 2651
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.9 29.7

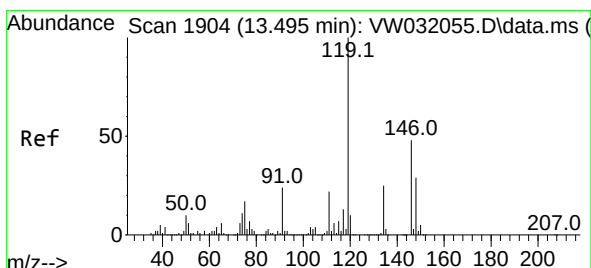
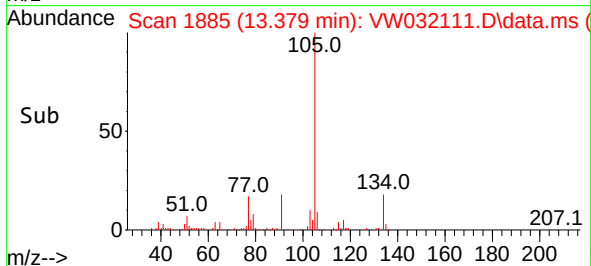
Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt



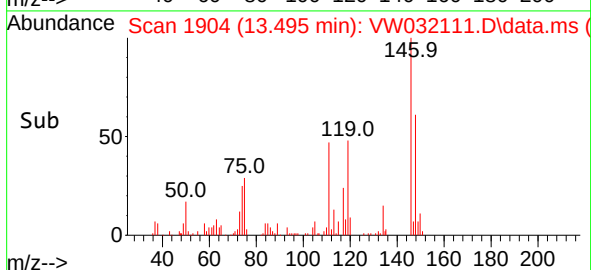
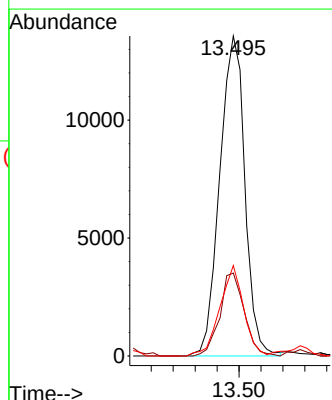
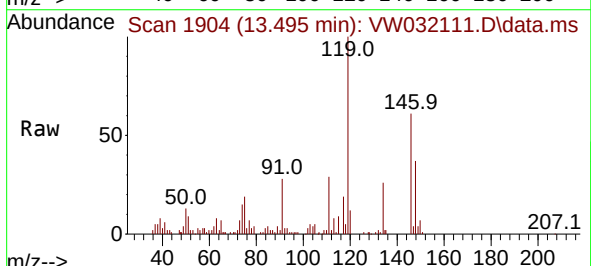
08/25/2025
 Supervised By :Mahesh
 Dadoda

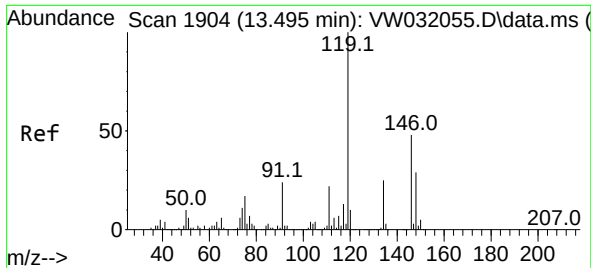
08/25/2025



#86
 p-Isopropyltoluene
 Concen: 2.104 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032111.D
 Acq: 22 Aug 2025 15:24

Tgt Ion:119 Resp: 21619
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.4 37.0
 91 26.6 12.1 36.3





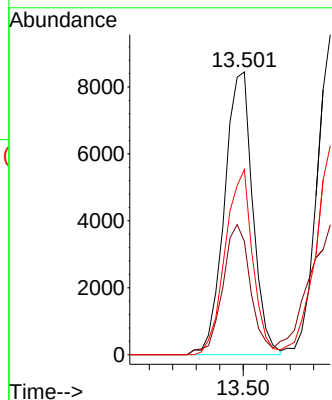
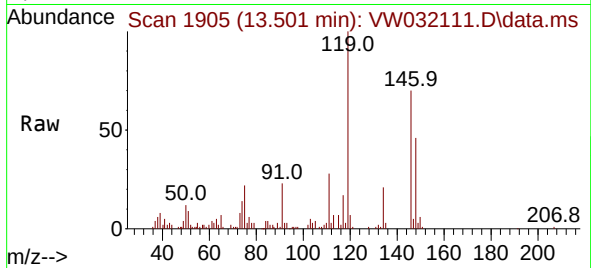
#87
1,3-Dichlorobenzene
Concen: 2.564 ug/l
RT: 13.501 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:146 Resp: 14098
Ion Ratio Lower Upper
146 100
111 45.5 21.2 63.6
148 63.9 30.3 90.8

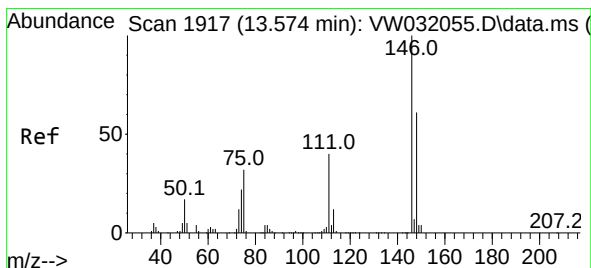
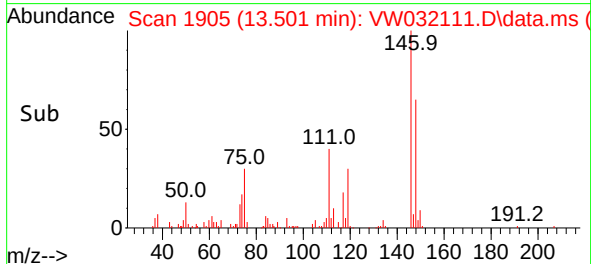
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



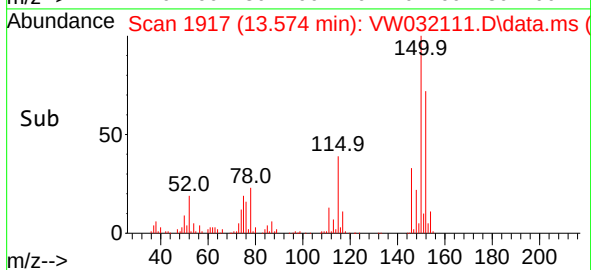
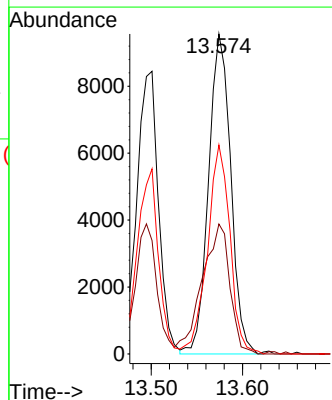
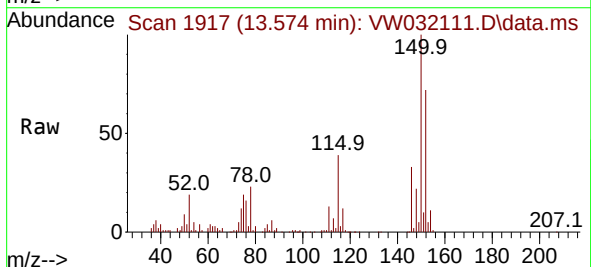
08/25/2025
Supervised By :Mahesh
Dadoda

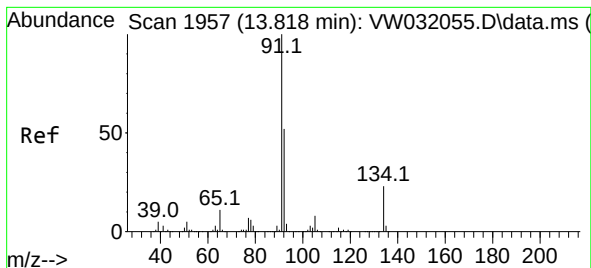
08/25/2025



#88
1,4-Dichlorobenzene
Concen: 2.906 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion:146 Resp: 16150
Ion Ratio Lower Upper
146 100
111 50.7 21.6 64.6
148 66.4 32.0 96.2





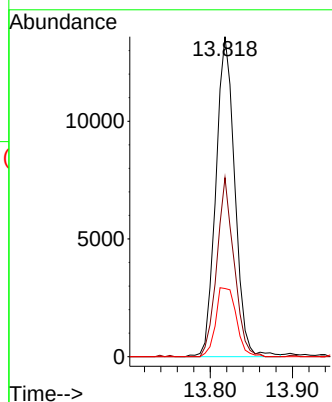
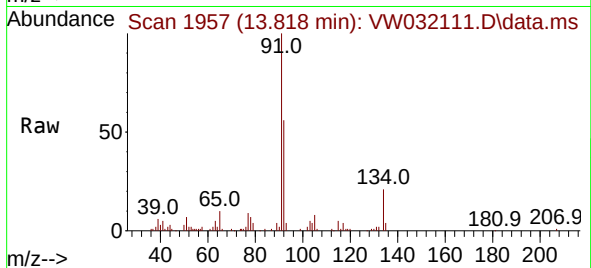
#89
n-Butylbenzene
Concen: 2.181 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 91 Resp: 21772
Ion Ratio Lower Upper
91 100
92 51.0 26.7 80.1
134 23.4 12.0 36.1

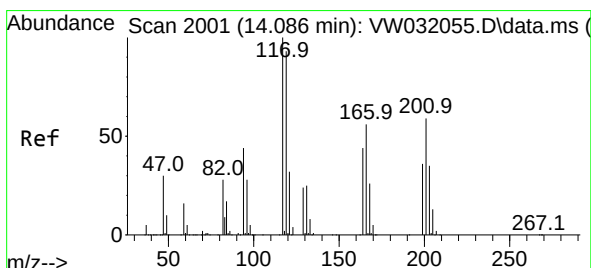
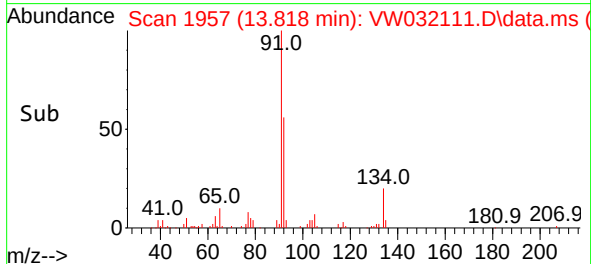
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



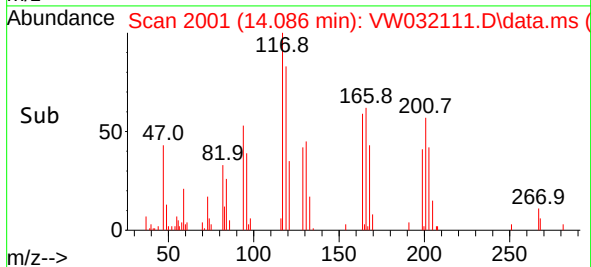
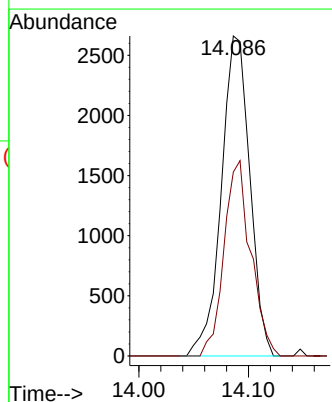
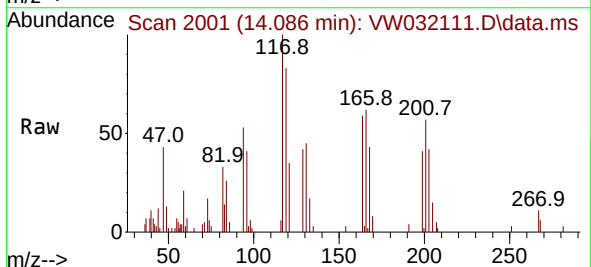
08/25/2025
Supervised By :Mahesh
Dadoda

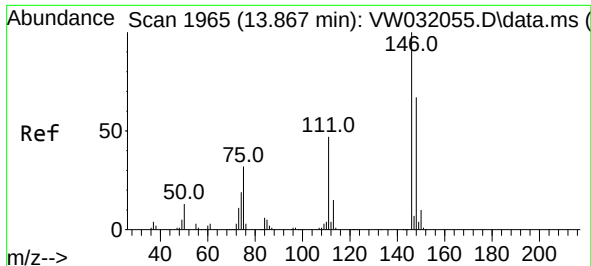
08/25/2025



#90
Hexachloroethane
Concen: 2.561 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

Tgt Ion:117 Resp: 4813
Ion Ratio Lower Upper
117 100
201 57.3 30.9 92.5





#91

1,2-Dichlorobenzene

Concen: 2.663 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Instrument :

MSVOA_W

ClientSampleId :

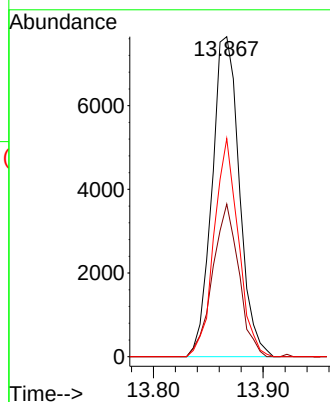
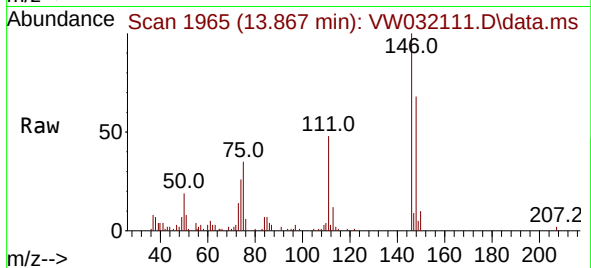
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:	146	Resp:	1326
Ion	Ratio	Lower	Upper
146	100		
111	45.6	23.1	69.3
148	60.6	32.9	98.6

Manual Integrations

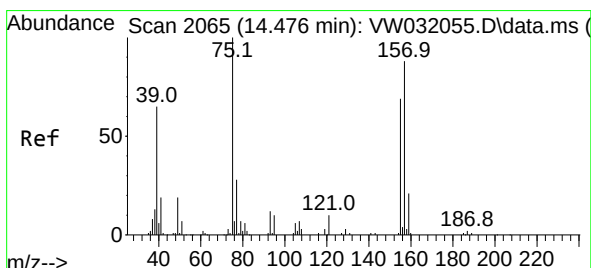
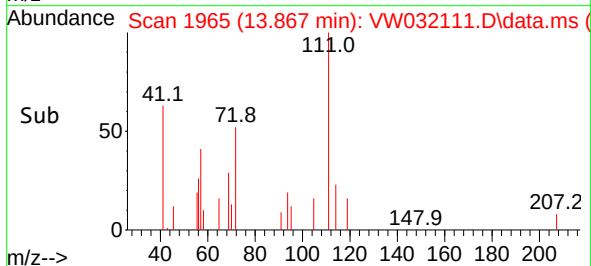
APPROVED

Reviewed By :Semsettin
Yesilyurt



08/25/2025
Supervised By :Mahesh
Dadoda

08/25/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.793 ug/l

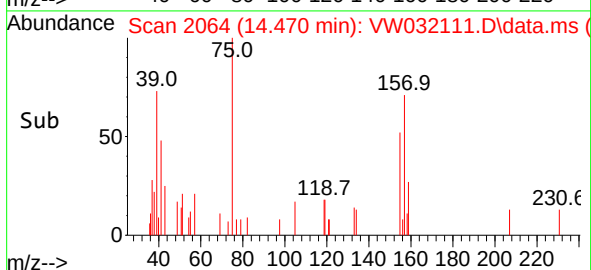
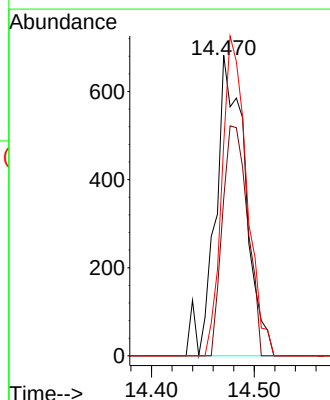
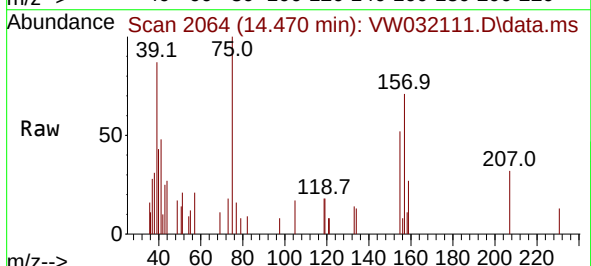
RT: 14.470 min Scan# 2064

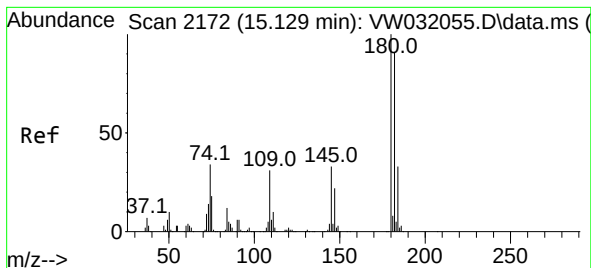
Delta R.T. -0.006 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

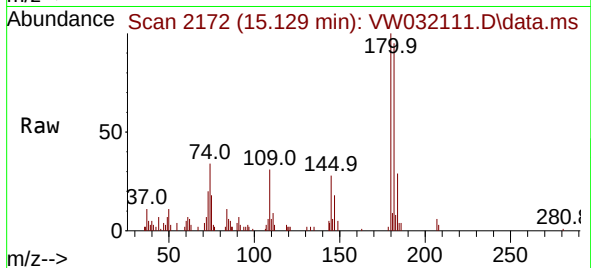
Tgt Ion:	75	Resp:	1364
Ion	Ratio	Lower	Upper
75	100		
155	65.1	35.2	105.6
157	89.4	47.5	142.6





#93
1,2,4-Trichlorobenzene
Concen: 2.687 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24

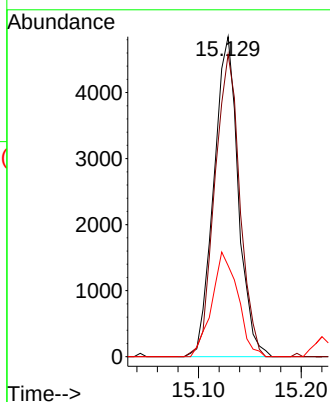
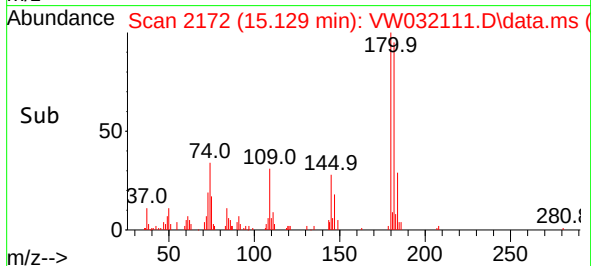
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:180 Resp: 800
Ion Ratio Lower Upper
180 100
182 96.5 49.0 147.0
145 34.8 17.3 51.9

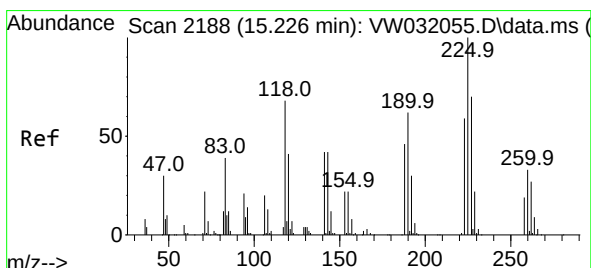
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

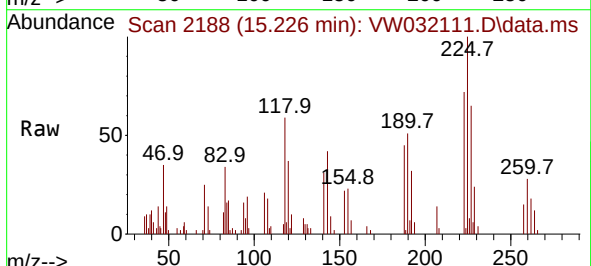


08/25/2025
Supervised By :Mahesh
Dadoda

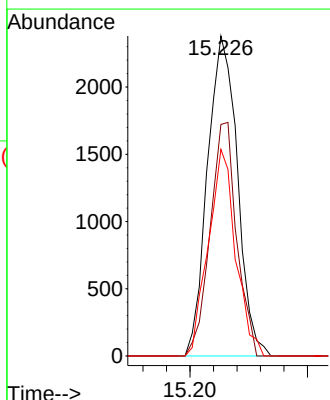
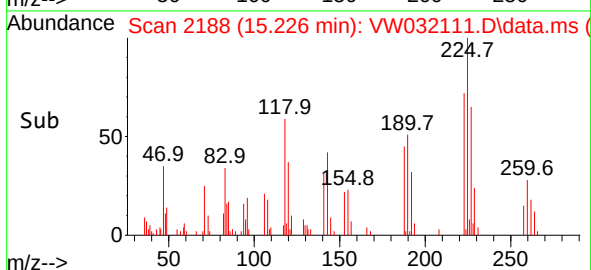
08/25/2025

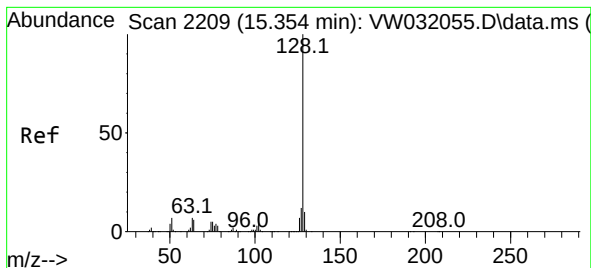


#94
Hexachlorobutadiene
Concen: 3.159 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032111.D
Acq: 22 Aug 2025 15:24



Tgt Ion:225 Resp: 4208
Ion Ratio Lower Upper
225 100
223 64.9 31.8 95.3
227 59.1 33.5 100.5





#95

Naphthalene

Concen: 2.238 ug/l

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Instrument :

MSVOA_W

ClientSampleId :

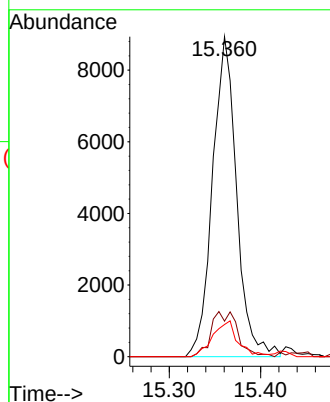
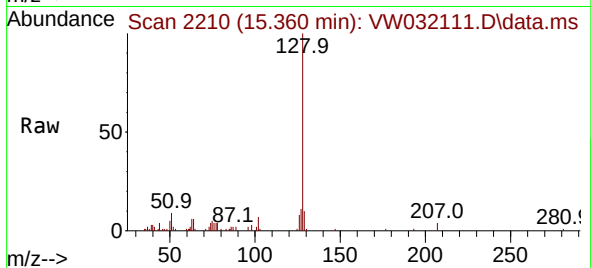
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:128	Resp:	1634
Ion Ratio	Lower	Upper
128	100	
127	15.6	10.5 15.7
129	11.8	8.2 12.4

Manual Integrations

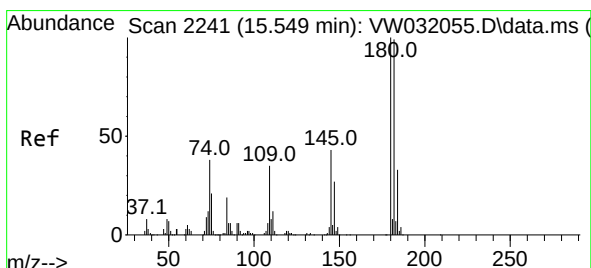
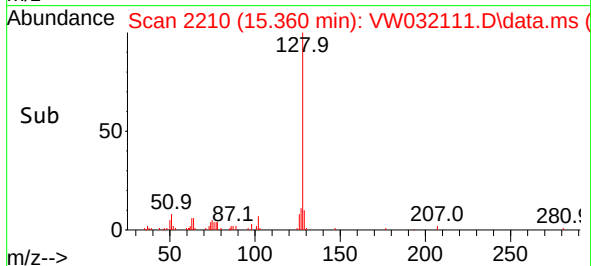
APPROVED

Reviewed By :Semsettin
Yesilyurt



08/25/2025
Supervised By :Mahesh
Dadoda

08/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 2.704 ug/l

RT: 15.555 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VW032111.D

Acq: 22 Aug 2025 15:24

Tgt Ion:180	Resp:	7332
Ion Ratio	Lower	Upper
180	100	
182	103.5	46.0 138.0
145	35.9	19.2 57.6

