

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120524\
 Data File : VU062094.D
 Acq On : 05 Dec 2024 12:08
 Operator : MD/SY
 Sample : P4776-06
 Misc : 5.00g/5mL/100uL/5ML/MSVOA_U/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-08

Quant Time: Dec 06 01:01:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 00:44:17 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	168791	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	154853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73670	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49641	42.447	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.900%
7) Chloroethane-d5	1.898	69	39167	46.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.940%
11) 1,1-Dichloroethene-d2	2.557	63	76408	34.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.920%
21) 2-Butanone-d5	4.618	46	71518	89.991	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.990%
24) Chloroform-d	5.052	84	111136	45.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.060%
26) 1,2-Dichloroethane-d4	5.689	65	75380	48.407	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.820%
32) Benzene-d6	5.714	84	212058	47.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.780%
36) 1,2-Dichloropropane-d6	6.679	67	67547	48.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.080%
41) Toluene-d8	7.888	98	193931	47.308	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.620%
43) trans-1,3-Dichloroprop...	8.171	79	32934	47.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.720%
47) 2-Hexanone-d5	8.624	63	48768	93.033	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.030%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	94624	46.726	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.460%
66) 1,2-Dichlorobenzene-d4	12.184	152	71508	49.341	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	3460	2.147	ug/L	90
3) Chloromethane	1.515	50	2982	2.245	ug/L	92
5) Vinyl chloride	1.602	62	2820	2.059	ug/L #	36
6) Bromomethane	1.840	94	1638	2.177	ug/L	99
8) Chloroethane	1.923	64	2170m	2.750	ug/L	
9) Trichlorofluoromethane	2.129	101	4600	2.197	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	3119	2.657	ug/L #	74
12) 1,1-Dichloroethene	2.567	96	2785	2.608	ug/L #	1
13) Acetone	2.628	43	3656	3.842	ug/L	71
14) Carbon disulfide	2.782	76	6735	2.097	ug/L	99
15) Methyl Acetate	2.952	43	2249	1.916	ug/L #	75
16) Methylene chloride	3.036	84	2810	2.308	ug/L	91
17) trans-1,2-Dichloroethene	3.351	96	2284	2.081	ug/L	95
18) Methyl tert-butyl Ether	3.354	73	7475	2.020	ug/L #	87
19) 1,1-Dichloroethane	3.859	63	4289	2.039	ug/L	97
20) cis-1,2-Dichloroethene	4.660	96	2562	2.049	ug/L	97
22) 2-Butanone	4.724	43	3944m	3.842	ug/L	
23) Bromochloromethane	4.968	128	1337	2.056	ug/L #	75
25) Chloroform	5.081	83	5188	2.272	ug/L	83

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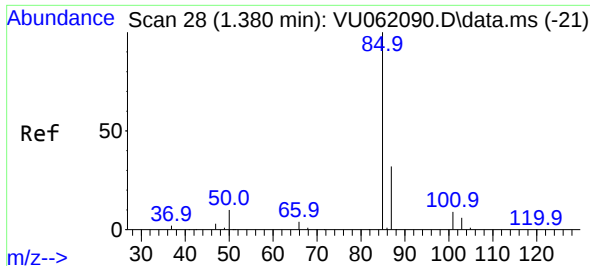
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	3994	2.190	ug/L	97
29) Cyclohexane	5.377	56	3309	1.871	ug/L #	76
30) 1,1,1-Trichloroethane	5.309	97	4235	2.114	ug/L	99
31) Carbon tetrachloride	5.515	117	3799	2.122	ug/L	95
33) Benzene	5.766	78	9818m	2.131	ug/L	
34) Trichloroethene	6.541	95	2676	2.127	ug/L	96
35) Methylcyclohexane	6.750	83	4074	2.136	ug/L #	76
37) 1,2-Dichloropropane	6.785	63	2641	2.166	ug/L #	88
38) Bromodichloromethane	7.100	83	3467	2.110	ug/L	90
39) cis-1,3-Dichloropropene	7.602	75	4103	2.084	ug/L #	82
40) 4-Methyl-2-pentanone	7.791	43	5861	3.848	ug/L	94
42) Toluene	7.962	91	10375	2.106	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	3896	2.140	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	2783	2.300	ug/L	95
46) Tetrachloroethene	8.544	164	1980	2.071	ug/L	86
48) 2-Hexanone	8.679	43	9564m	7.449	ug/L	
49) Dibromochloromethane	8.804	129	2464	1.949	ug/L	86
50) 1,2-Dibromoethane	8.920	107	2619	1.992	ug/L #	97
51) Chlorobenzene	9.444	112	6796	2.184	ug/L	93
52) Ethylbenzene	9.566	91	10855	2.006	ug/L	94
53) m,p-Xylene	9.692	106	3751	1.875	ug/L	85
54) o-Xylene	10.097	106	3515	1.796	ug/L	83
55) Styrene	10.116	104	5487	1.666	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	3998	2.002	ug/L #	97
59) Bromoform	10.283	173	1369	1.474	ug/L #	84
60) 1,2,3-Trichloropropane	10.814	75	3158	2.098	ug/L	98
61) Isopropylbenzene	10.479	105	9042	1.823	ug/L #	91
62) 1,3,5-Trimethylbenzene	11.084	105	7557	1.789	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	7285	1.792	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	4662	2.034	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	5172	2.223	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	4728	2.088	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	12.994	75	835m	1.968	ug/L	
69) 1,3,5-Trichlorobenzene	13.219	180	2413	1.495	ug/L #	74
70) 1,2,4-trichlorobenzene	13.849	180	2893	2.100	ug/L #	54
71) Naphthalene	14.103	128	5282m	1.415	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	1920	1.444	ug/L	87

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



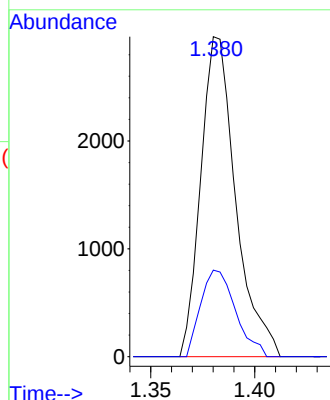
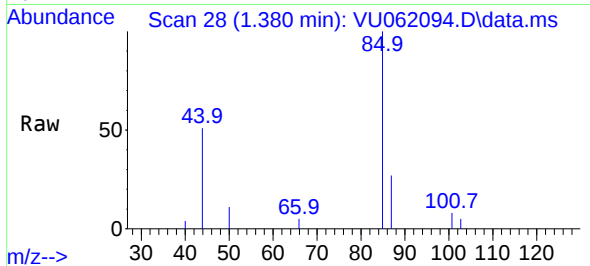
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Dichlorodifluoromethane
Concen: 2.147 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument : MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 85 Resp: 3460
Ion Ratio Lower Upper
85 100
87 27.1 26.0 39.0

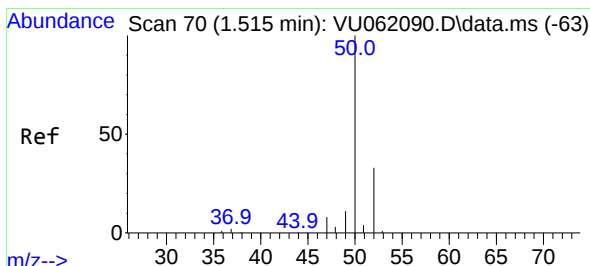
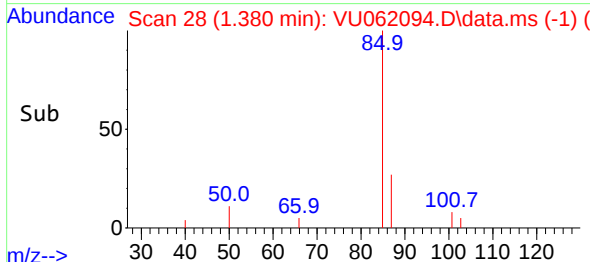
Manual Integrations
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Dadoda



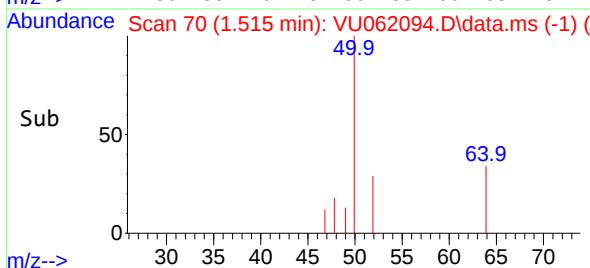
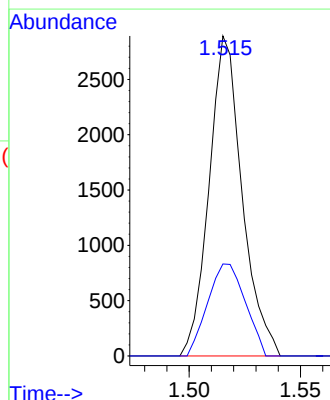
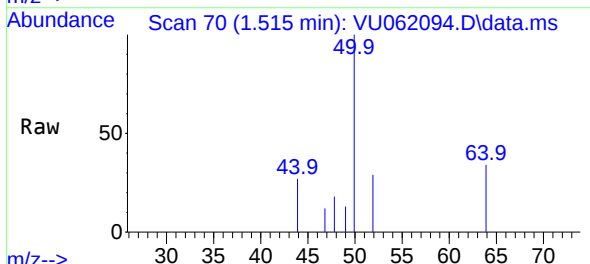
12/06/2024
Supervised By :Semsettin
Yesilyurt

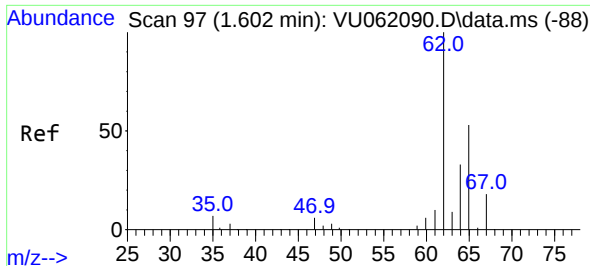
12/06/2024



#3
Chloromethane
Concen: 2.245 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

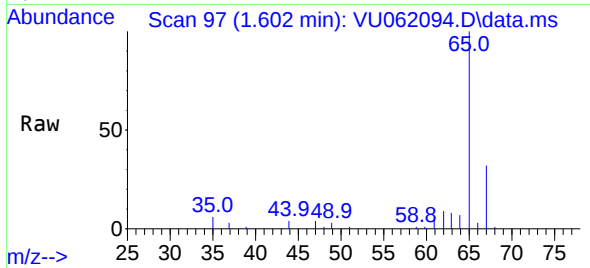
Tgt Ion: 50 Resp: 2982
Ion Ratio Lower Upper
50 100
52 28.7 23.3 43.3





#5
Vinyl chloride
Concen: 2.059 ug/L
RT: 1.602 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

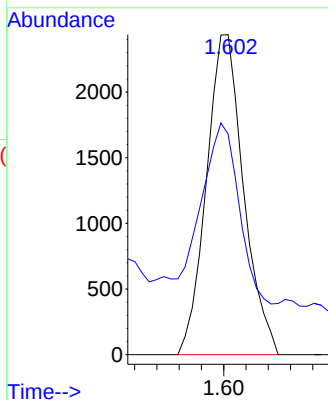
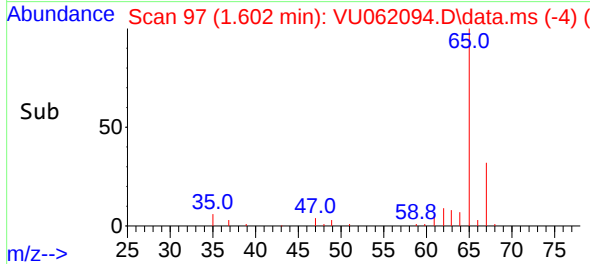
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 62 Resp: 2820
Ion Ratio Lower Upper
62 100
64 68.9 23.0 42.8

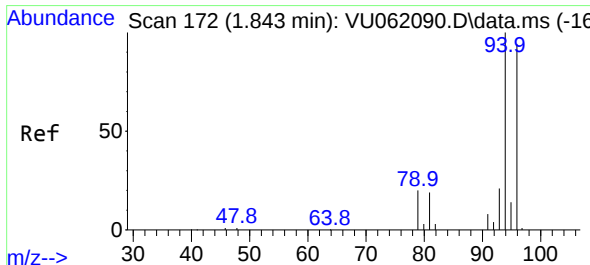
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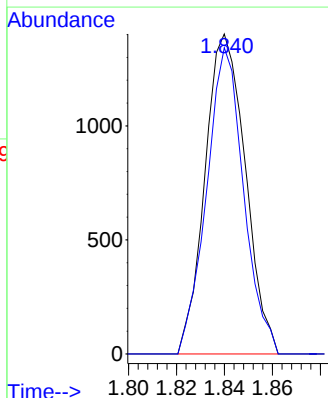
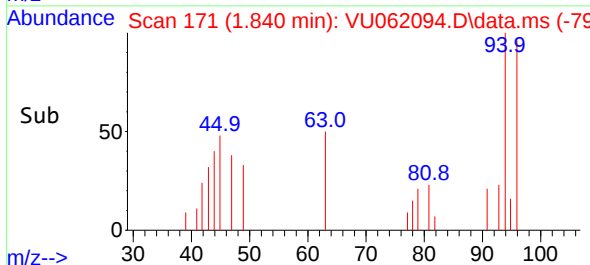
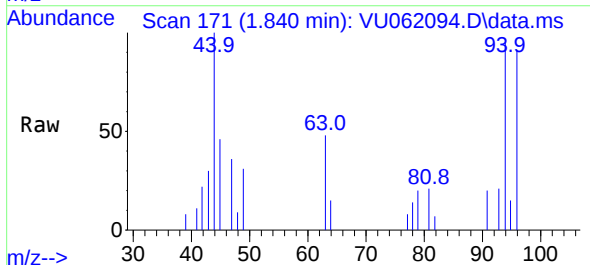
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Supervised By :Semsettin
Yesilyurt

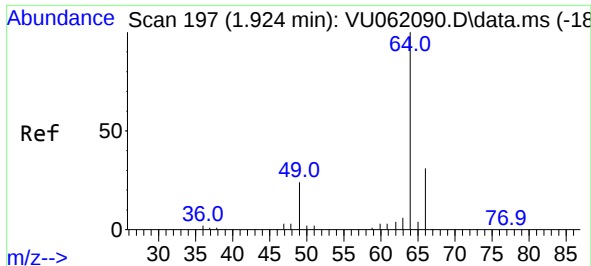
12/06/2024



#6
Bromomethane
Concen: 2.177 ug/L
RT: 1.840 min Scan# 171
Delta R.T. -0.004 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

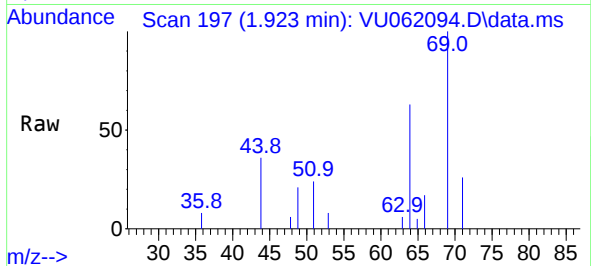
Tgt Ion: 94 Resp: 1638
Ion Ratio Lower Upper
94 100
96 95.7 66.0 122.6





#8
Chloroethane
Concen: 2.750 ug/L m
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

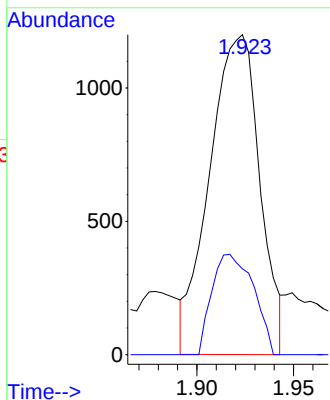
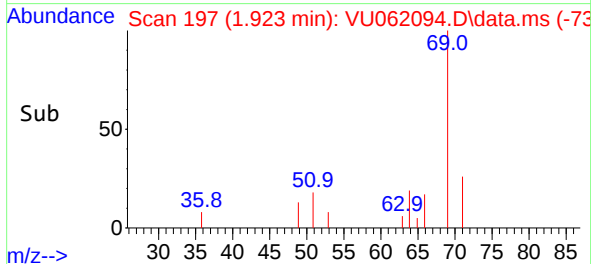
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 64 Resp: 2170
Ion Ratio Lower Upper
64 100
66 26.8 23.7 44.1

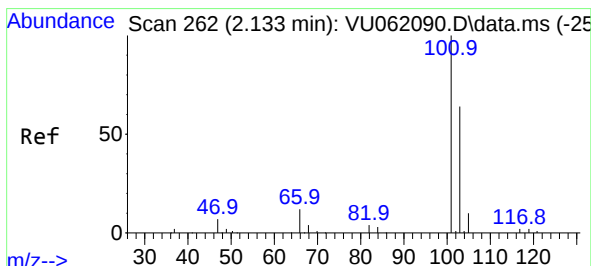
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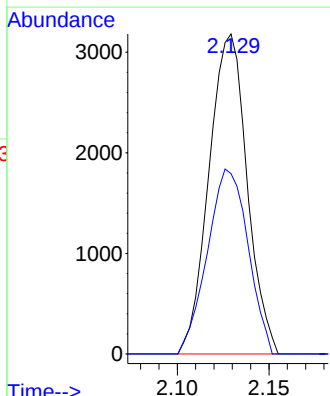
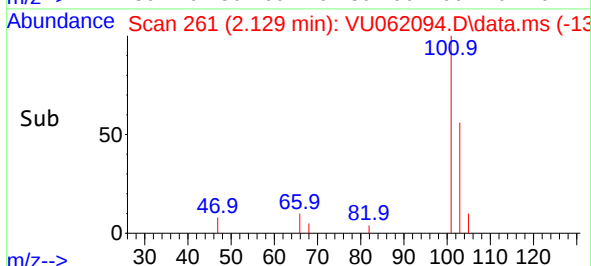
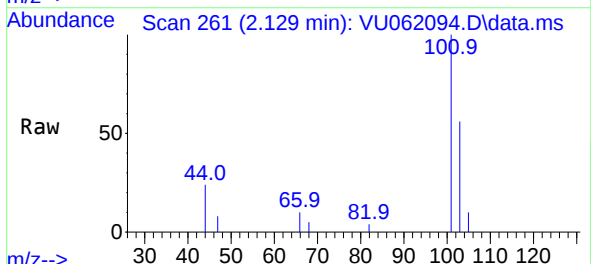
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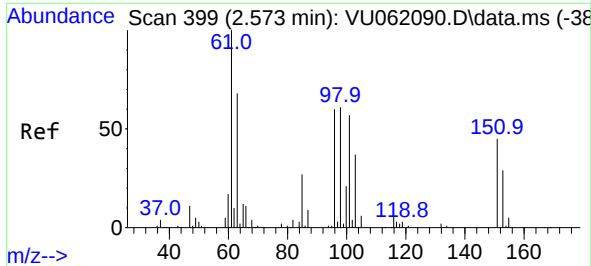
12/06/2024



#9
Trichlorofluoromethane
Concen: 2.197 ug/L
RT: 2.129 min Scan# 261
Delta R.T. -0.004 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion:101 Resp: 4600
Ion Ratio Lower Upper
101 100
103 61.6 52.9 79.3





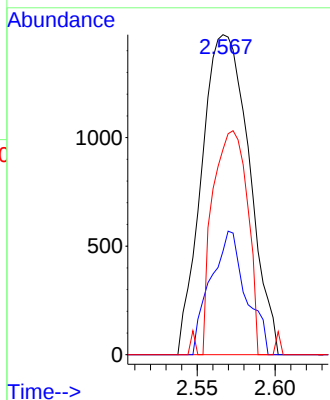
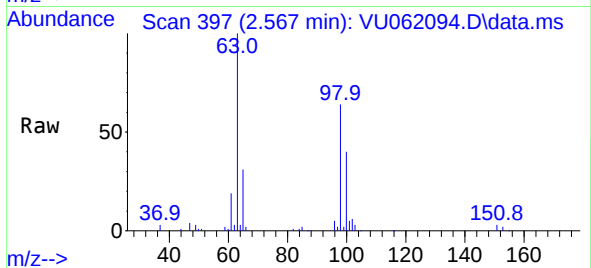
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.657 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.007 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion:101 Resp: 3119
Ion Ratio Lower Upper
101 100
85 28.7 34.7 52.1
151 50.8 59.0 88.4

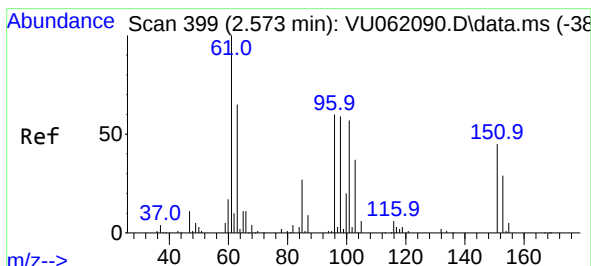
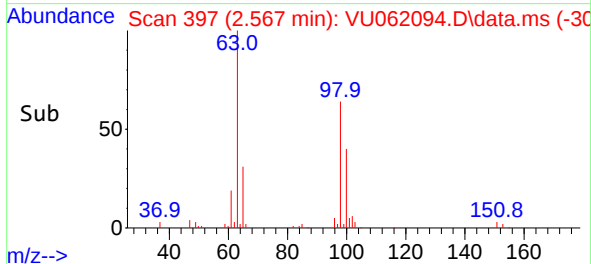
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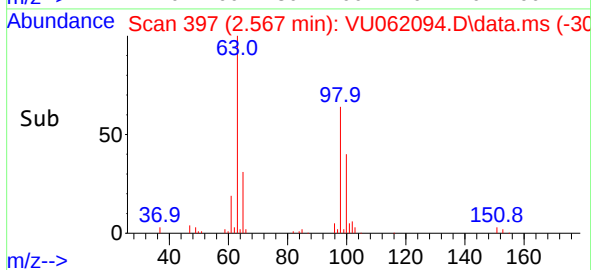
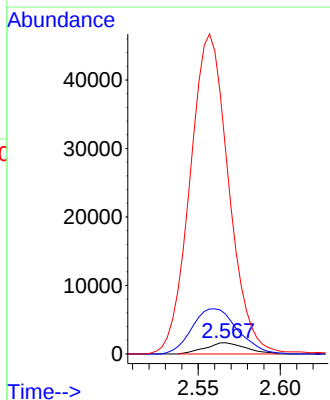
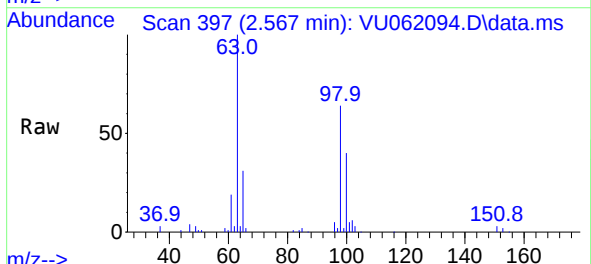
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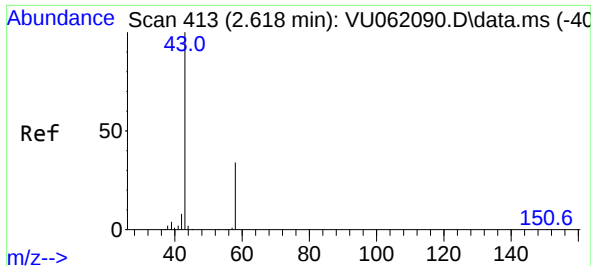
12/06/2024



#12
1,1-Dichloroethene
Concen: 2.608 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.007 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

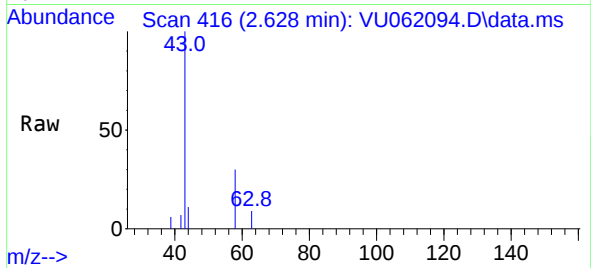
Tgt Ion: 96 Resp: 2785
Ion Ratio Lower Upper
96 100
61 358.6 115.2 214.0#
63 1842.8 89.3 165.9#





#13
Acetone
Concen: 3.842 ug/L
RT: 2.628 min Scan# 413
Delta R.T. 0.009 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

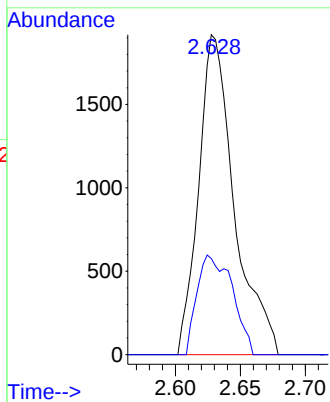
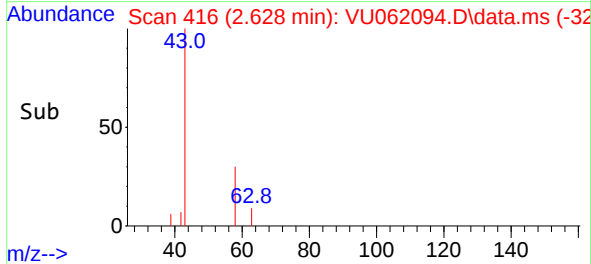
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
58 19.3 0.0 72.4

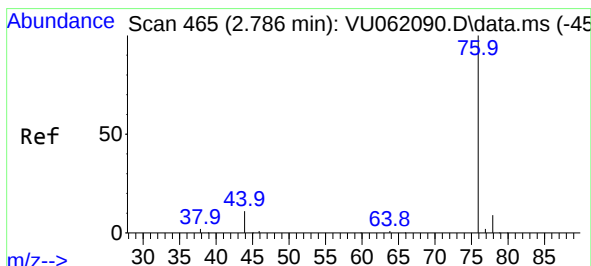
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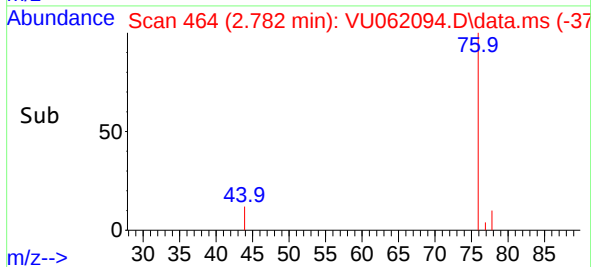
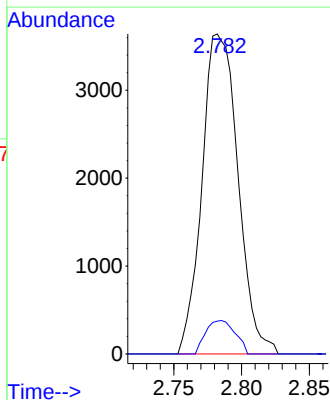
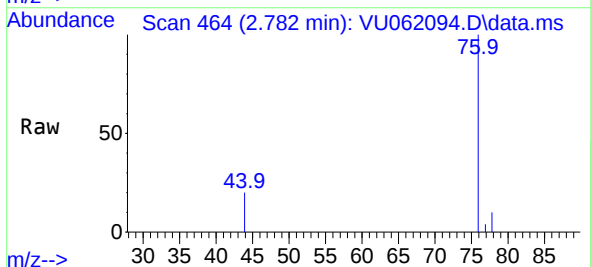
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Supervised By :Semsettin
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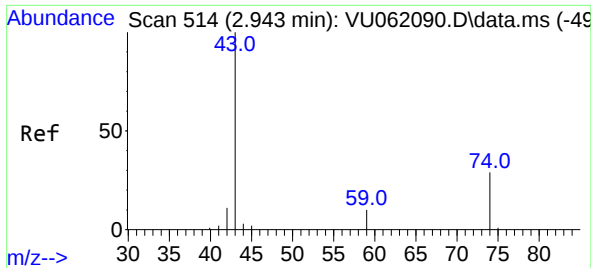
12/06/2024



#14
Carbon disulfide
Concen: 2.097 ug/L
RT: 2.782 min Scan# 464
Delta R.T. -0.004 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion: 76 Resp: 6735
Ion Ratio Lower Upper
76 100
78 10.2 7.8 11.6





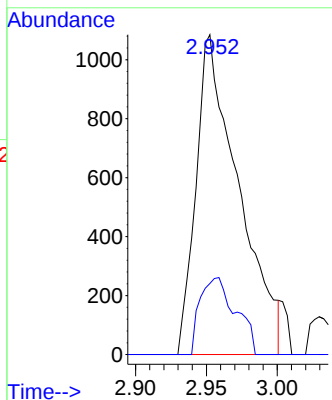
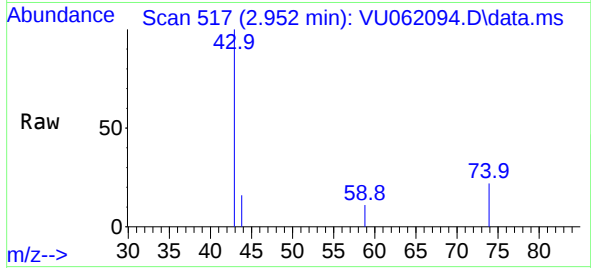
#15
Methyl Acetate
Concen: 1.916 ug/L
RT: 2.952 min Scan# 514
Delta R.T. 0.009 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 43 Resp: 2249
Ion Ratio Lower Upper
43 100
74 15.9 23.4 35.2

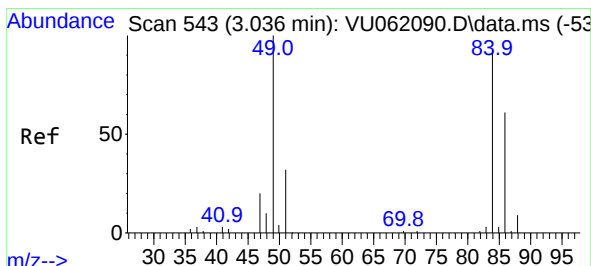
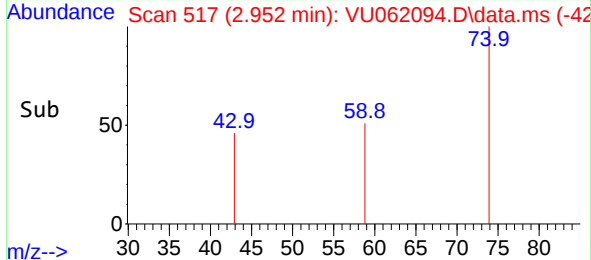
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Reviewed By :Mahesh
Dadoda



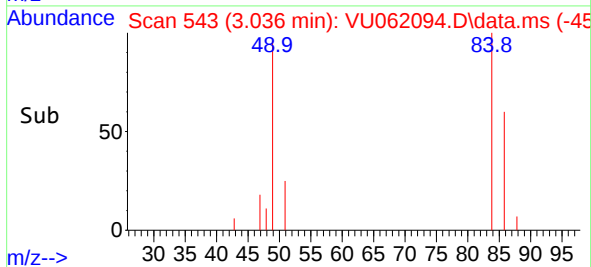
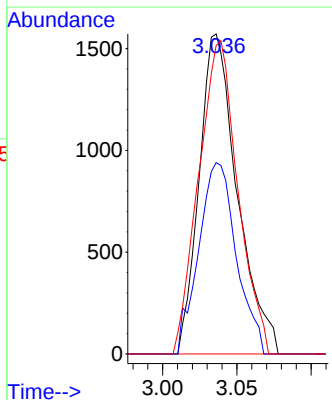
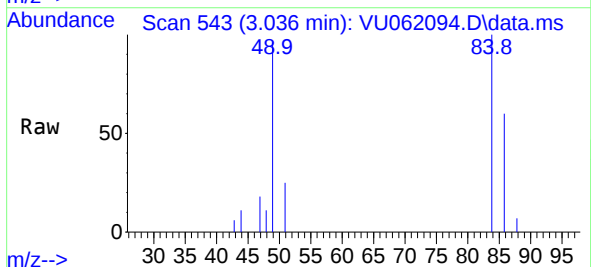
12/06/2024
Supervised By :Semsettin
Yesilyurt

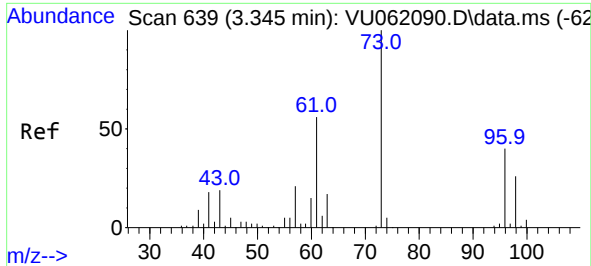
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#16
Methylene chloride
Concen: 2.308 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

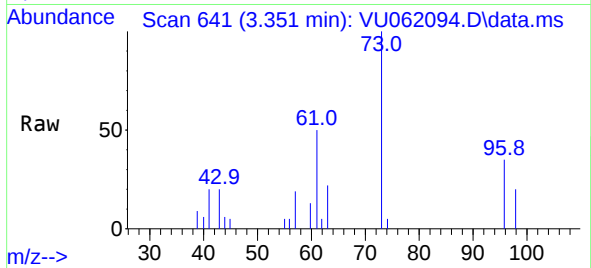
Tgt Ion: 84 Resp: 2810
Ion Ratio Lower Upper
84 100
86 59.8 44.4 82.4
49 96.4 75.9 141.1





#17
trans-1,2-Dichloroethene
Concen: 2.081 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

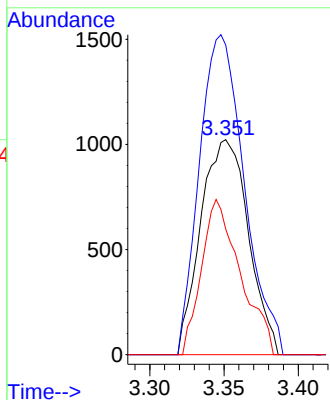
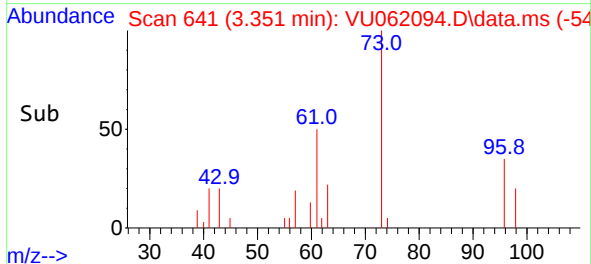
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 96 Resp: 2284
Ion Ratio Lower Upper
96 100
61 144.0 96.2 178.6
98 58.4 42.7 79.3

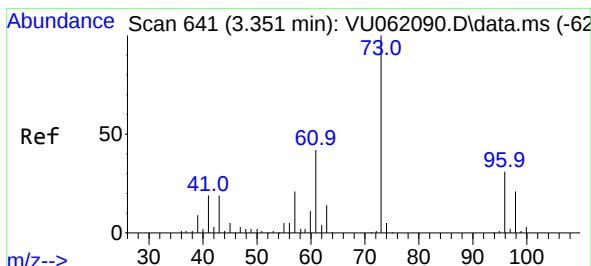
Manual Integrations
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Reviewed By :Mahesh
Dadoda

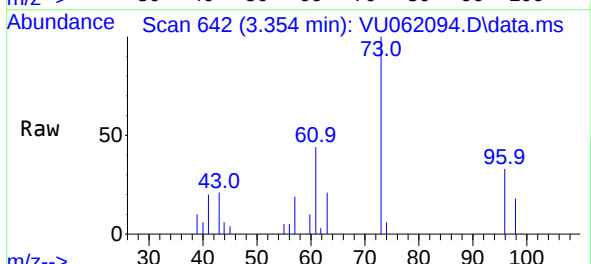


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Supervised By :Semsettin
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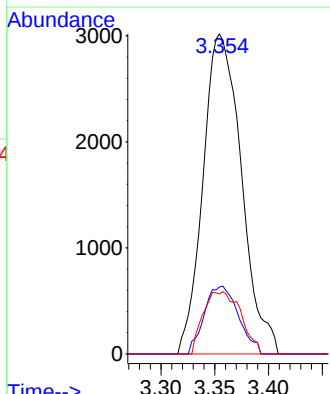
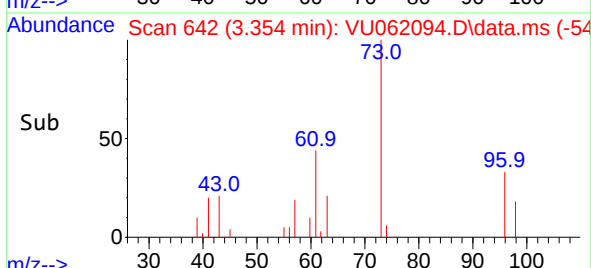
12/06/2024

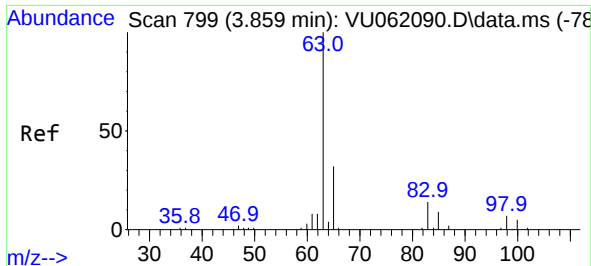


#18
Methyl tert-butyl Ether
Concen: 2.020 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08



Tgt Ion: 73 Resp: 7475
Ion Ratio Lower Upper
73 100
43 18.6 14.7 22.1
57 8.9 16.4 24.6#





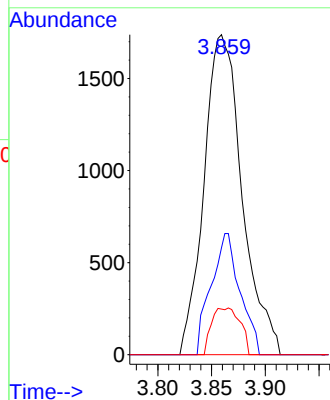
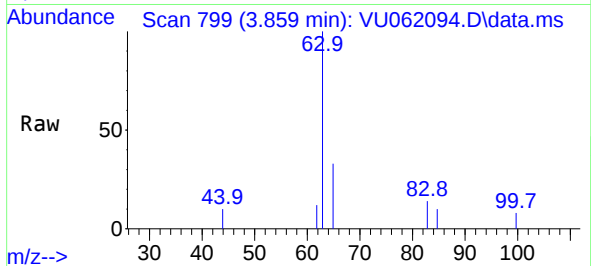
#19
1,1-Dichloroethane
Concen: 2.039 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 63 Resp: 4289
Ion Ratio Lower Upper
63 100
65 33.4 21.7 40.3
83 14.3 10.0 18.6

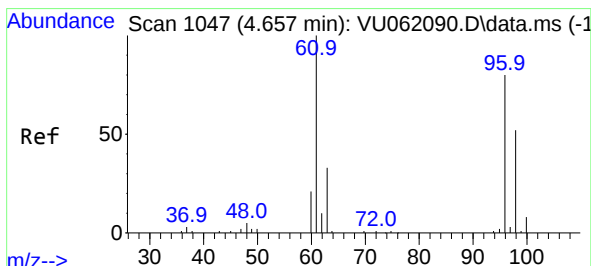
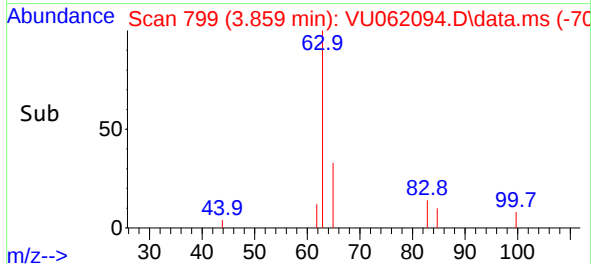
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Dadoda



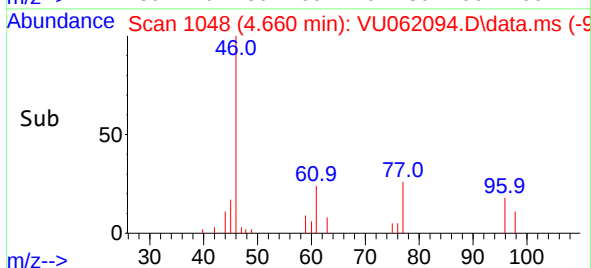
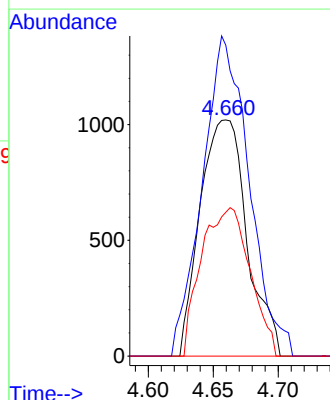
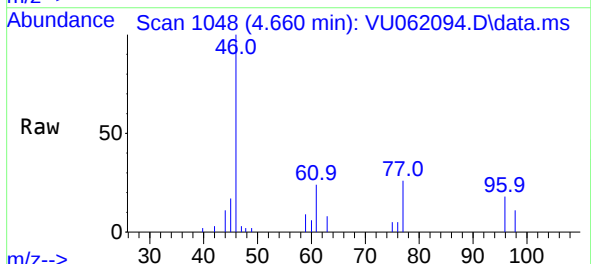
12/06/2024
Supervised By :Semsettin
Yesilyurt

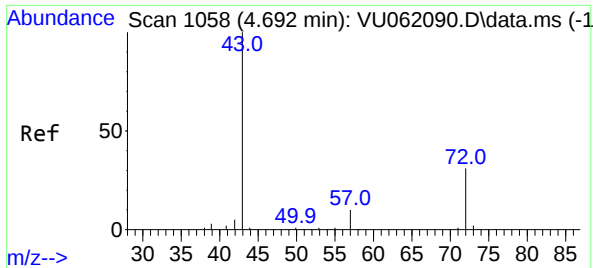
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#20
cis-1,2-Dichloroethene
Concen: 2.049 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion: 96 Resp: 2562
Ion Ratio Lower Upper
96 100
61 131.7 90.1 167.3
98 60.9 45.3 84.1





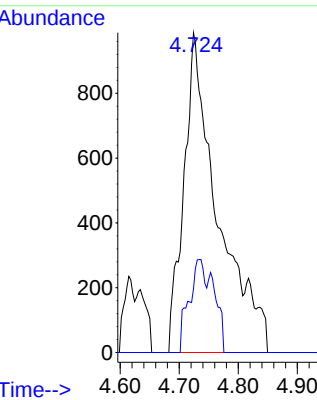
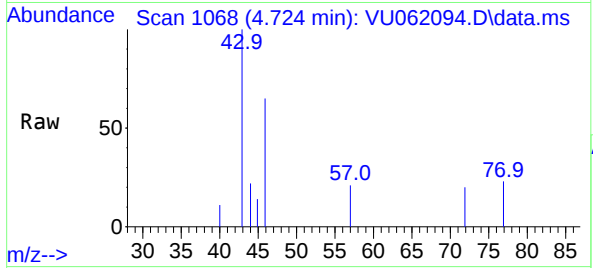
#22
2-Butanone
Concen: 3.842 ug/L m
RT: 4.724 min Scan# 1068
Delta R.T. 0.032 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 43 Resp: 3944
Ion Ratio Lower Upper
43 100
72 2.0 15.9 47.7

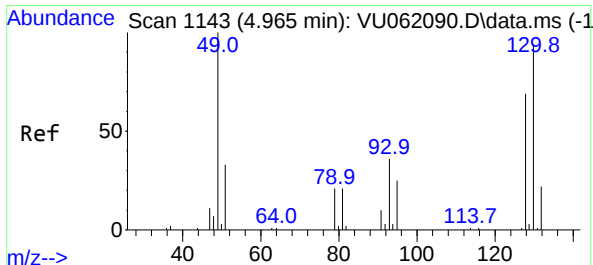
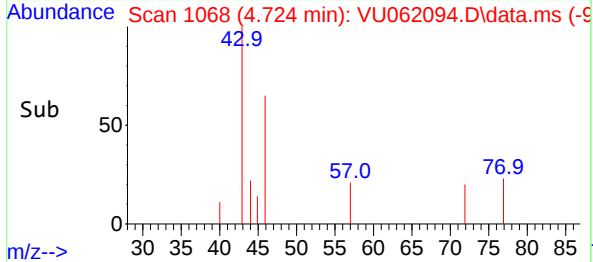
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Reviewed By :Mahesh
Dadoda



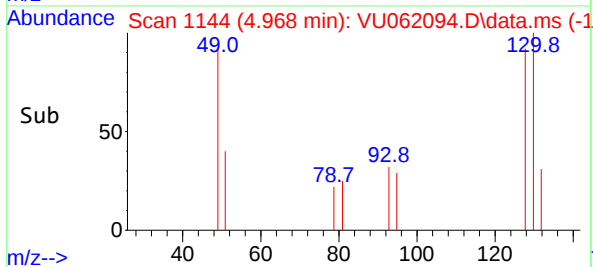
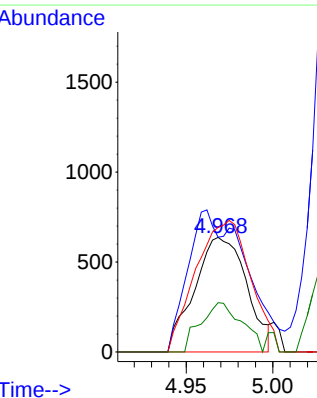
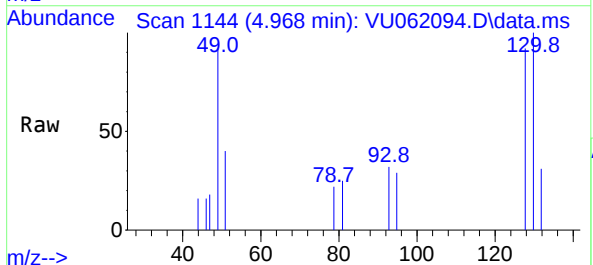
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Yesilyurt

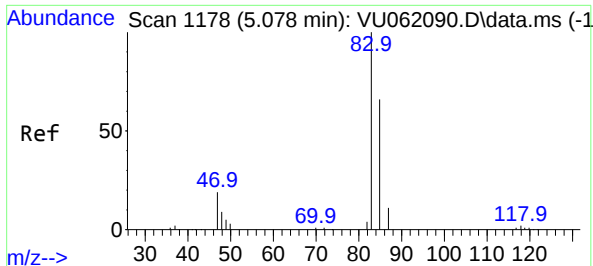
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#23
Bromochloromethane
Concen: 2.056 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion:128 Resp: 1337
Ion Ratio Lower Upper
128 100
49 100.2 100.7 187.1#
130 108.6 92.4 171.6
51 43.0 37.1 55.7





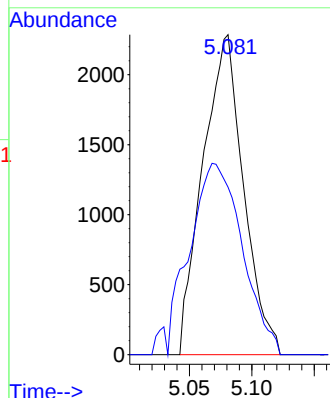
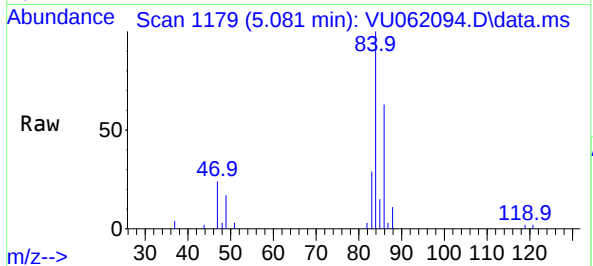
#25
Chloroform
Concen: 2.272 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 83 Resp: 5188
Ion Ratio Lower Upper
83 100
85 52.4 46.1 85.5

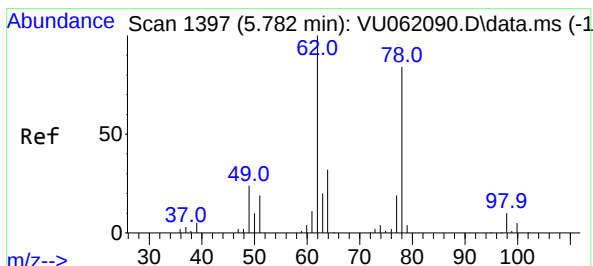
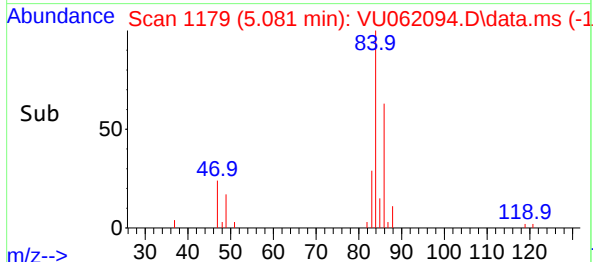
Manual Integrations
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Dadoda



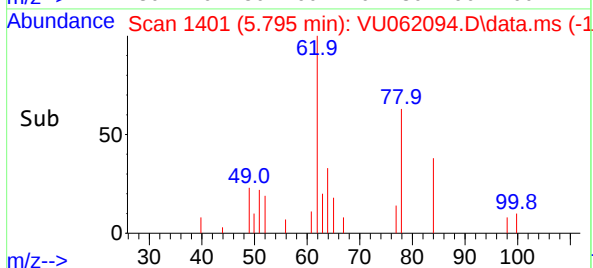
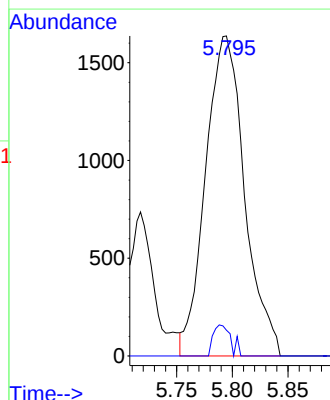
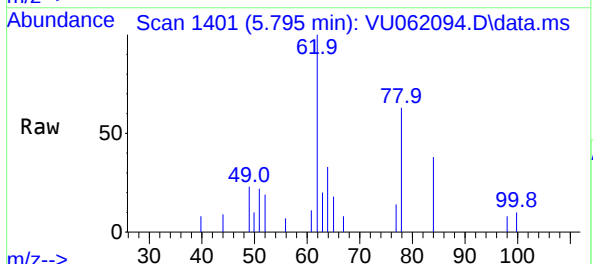
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Supervised By :Semsettin
Yesilyurt

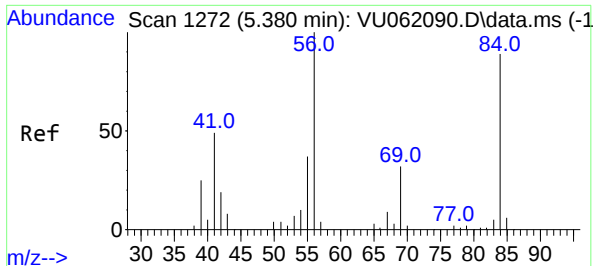
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#27
1,2-Dichloroethane
Concen: 2.190 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.013 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

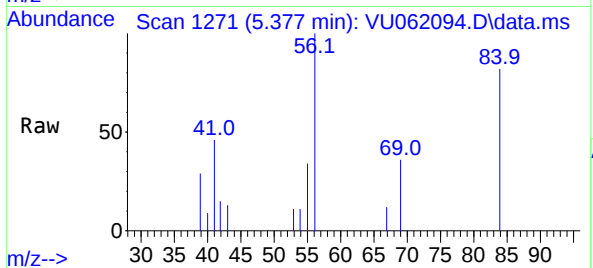
Tgt Ion: 62 Resp: 3994
Ion Ratio Lower Upper
62 100
98 8.1 7.4 11.0





#29
Cyclohexane
Concen: 1.871 ug/L
RT: 5.377 min Scan# 11
Delta R.T. -0.004 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

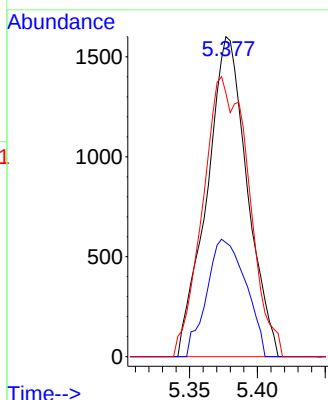


Tgt Ion: 56 Resp: 3309

Ion	Ratio	Lower	Upper
56	100		
69	35.5	27.1	40.7
84	60.0	72.1	108.1

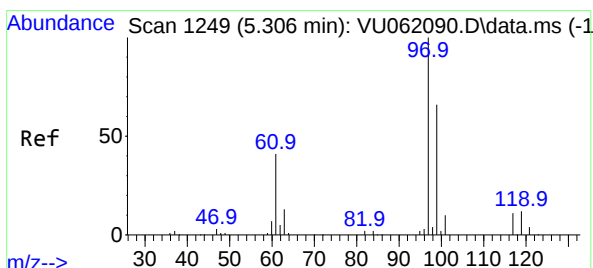
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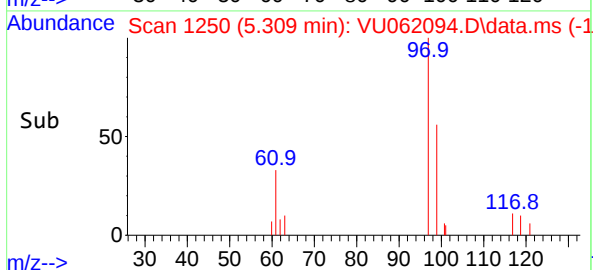
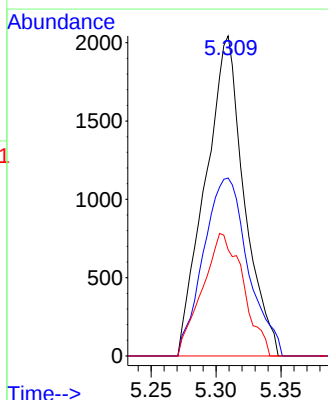
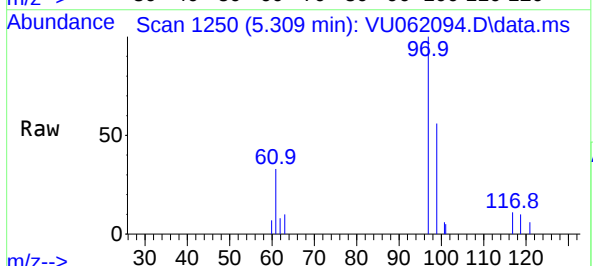
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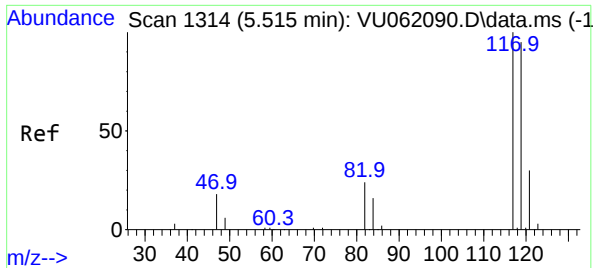


#30
1,1,1-Trichloroethane
Concen: 2.114 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion: 97 Resp: 4235

Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.0	78.0
61	40.4	32.6	48.8





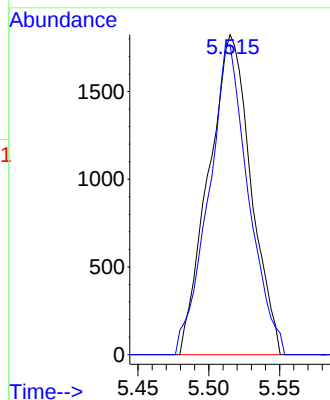
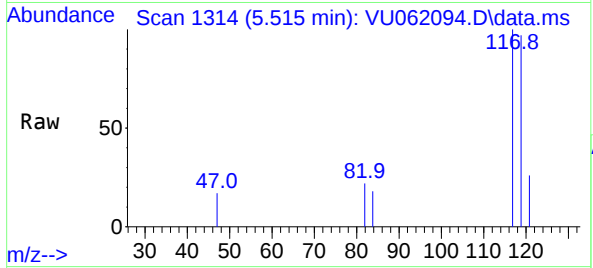
#31
Carbon tetrachloride
Concen: 2.122 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument : MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:117 Resp: 3799
Ion Ratio Lower Upper
117 100
119 91.0 77.0 115.6

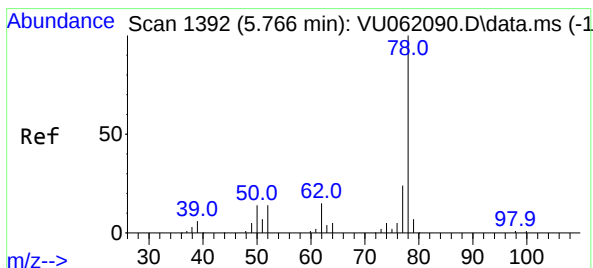
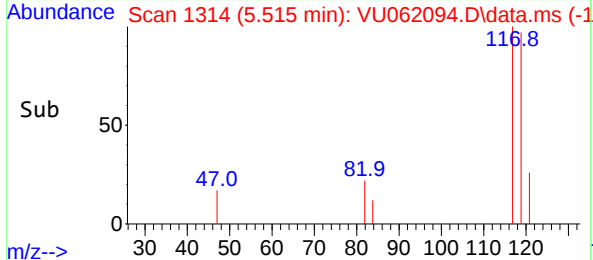
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Dadoda



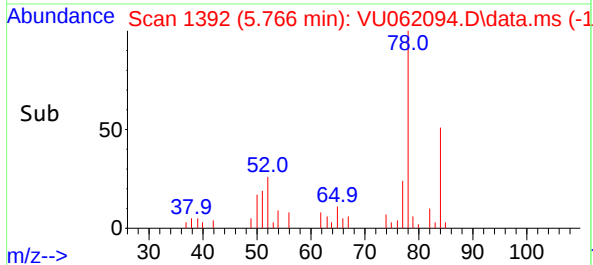
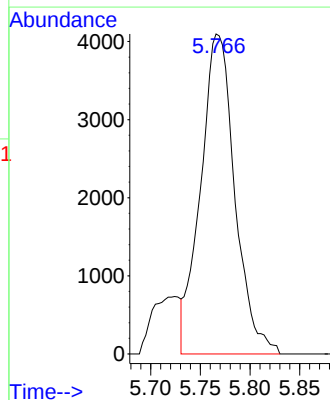
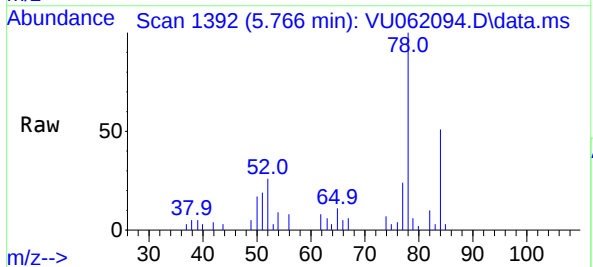
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Supervised By :Semsettin
Yesilyurt

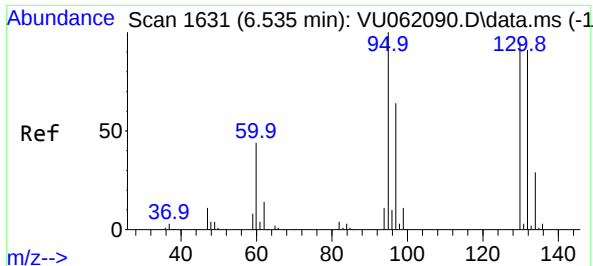
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#33
Benzene
Concen: 2.131 ug/L m
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

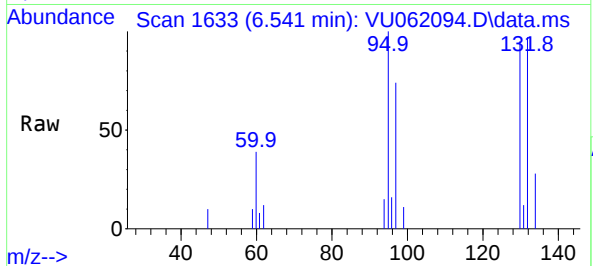
Tgt Ion: 78 Resp: 9818





#34
Trichloroethene
Concen: 2.127 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

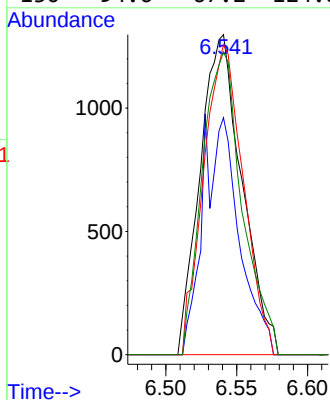
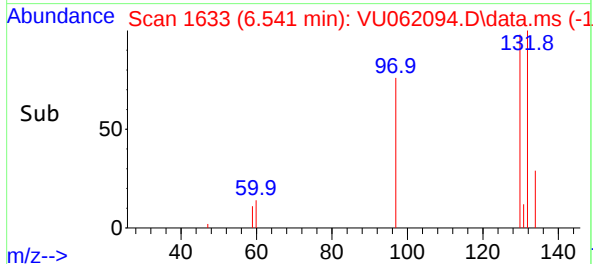
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 95 Resp: 2670
Ion Ratio Lower Upper
95 100
97 74.0 44.6 82.8
132 96.8 67.3 124.9
130 94.6 67.2 124.8

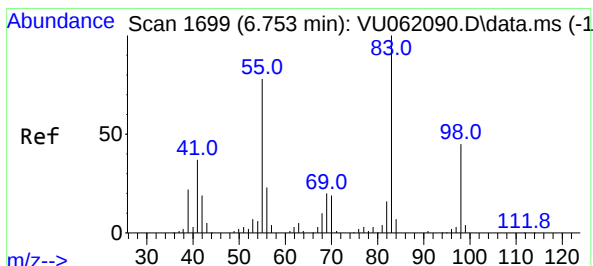
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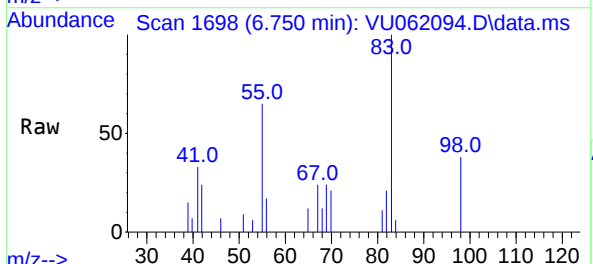


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Supervised By :Semsettin
Yesilyurt

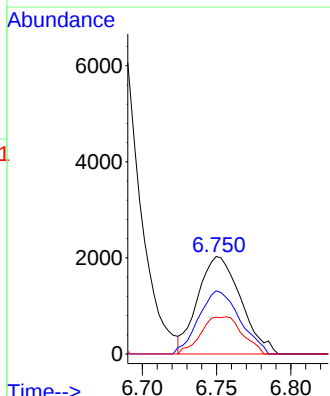
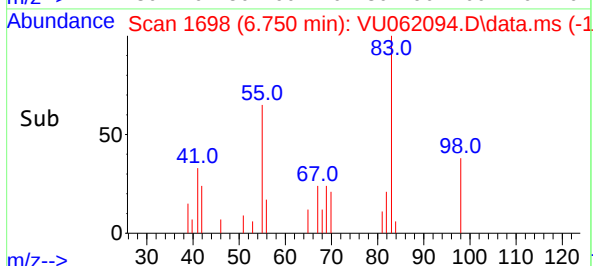
12/06/2024

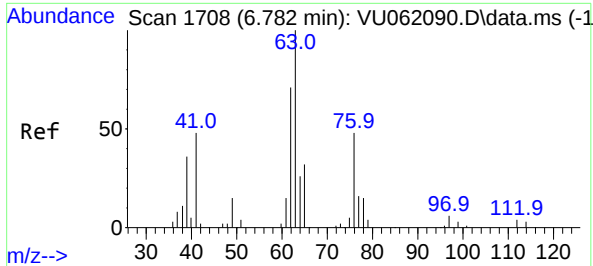


#35
Methylcyclohexane
Concen: 2.136 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.004 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08



Tgt Ion: 83 Resp: 4074
Ion Ratio Lower Upper
83 100
55 62.0 60.1 90.1
98 19.4 35.8 53.8#





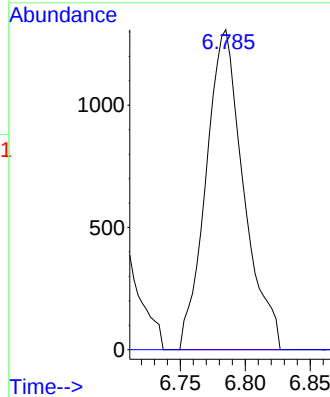
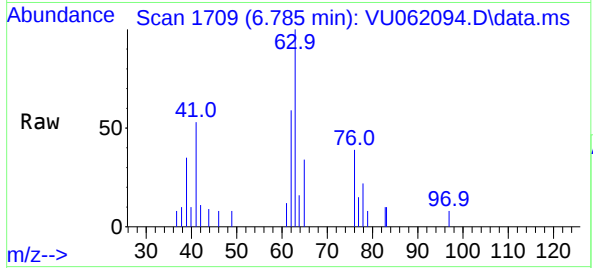
#37
1,2-Dichloropropane
Concen: 2.166 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 63 Resp: 264
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7

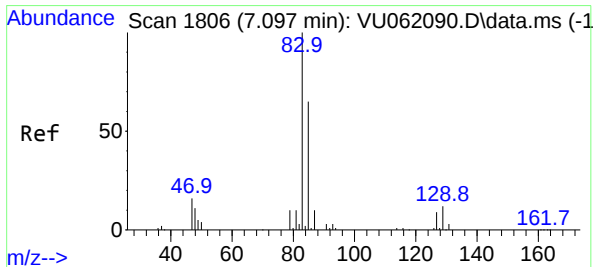
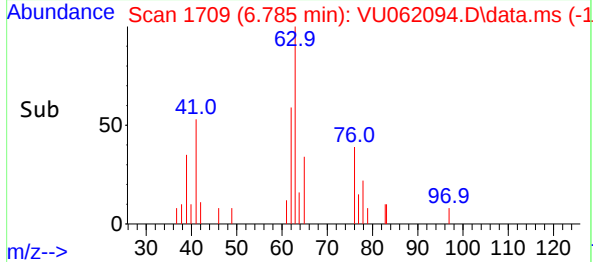
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Reviewed By :Mahesh
Dadoda



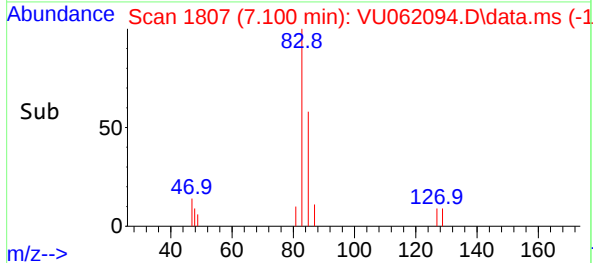
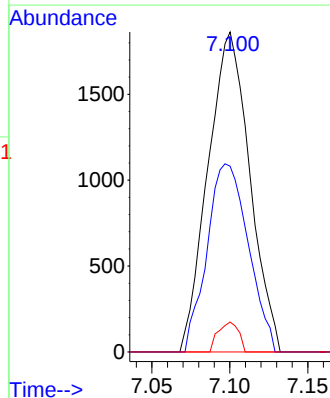
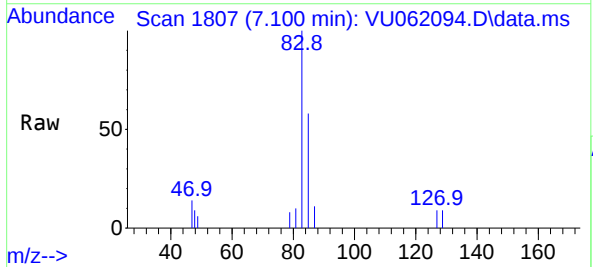
12/06/2024
Supervised By :Semsettin
Yesilyurt

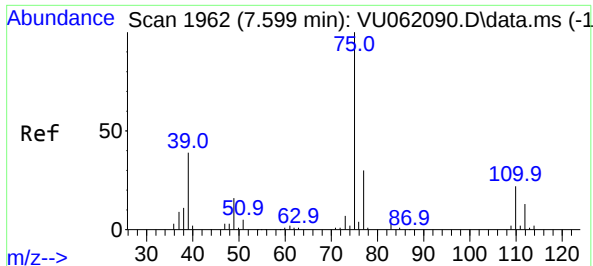
12/06/2024



#38
Bromodichloromethane
Concen: 2.110 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion: 83 Resp: 3467
Ion Ratio Lower Upper
83 100
85 58.0 46.8 87.0
127 9.3 6.8 10.2





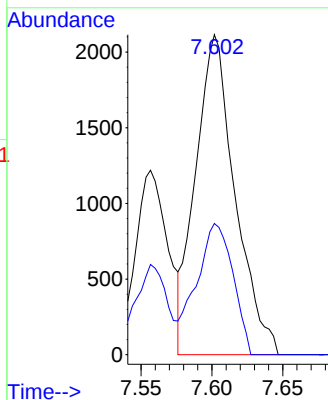
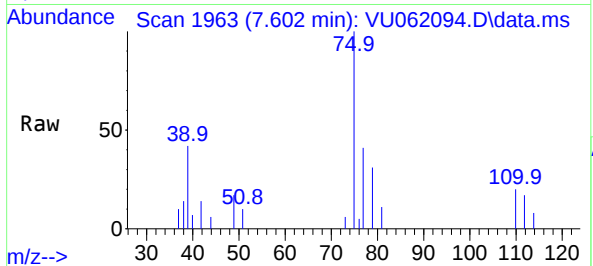
#39
cis-1,3-Dichloropropene
Concen: 2.084 ug/L
RT: 7.602 min Scan# 1962
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 75 Resp: 410
Ion Ratio Lower Upper
75 100
77 41.0 21.6 40.2

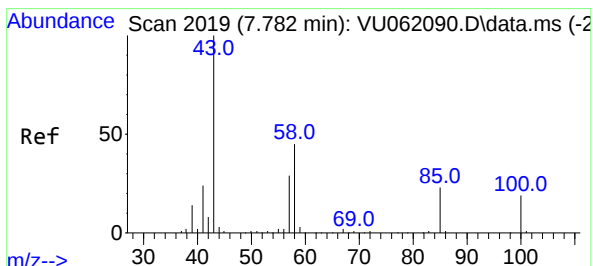
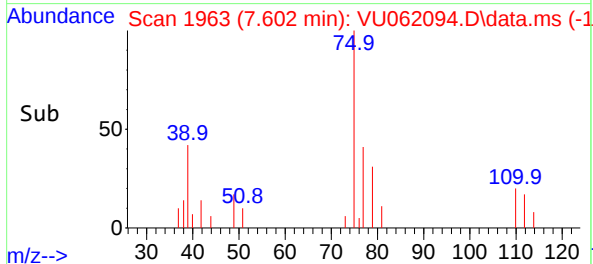
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Reviewed By :Mahesh
Dadoda



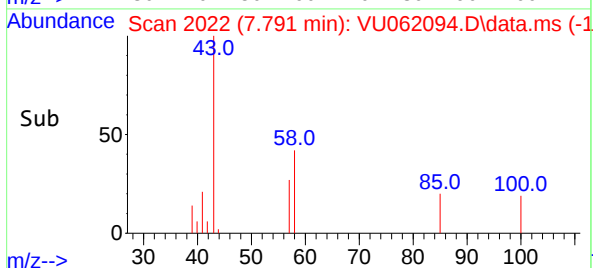
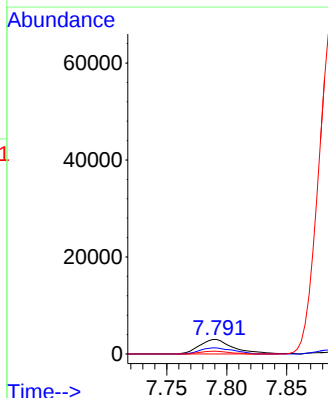
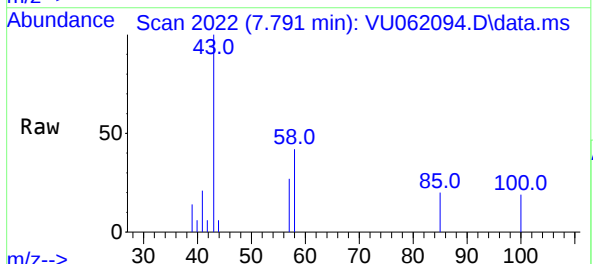
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Supervised By :Semsettin
Yesilyurt

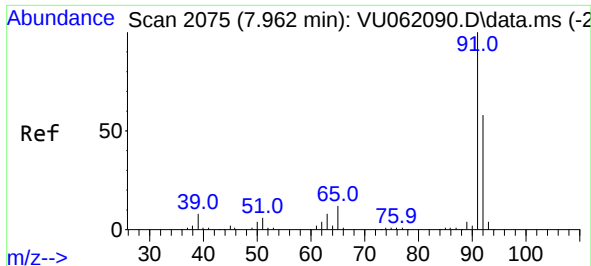
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#40
4-Methyl-2-pentanone
Concen: 3.848 ug/L
RT: 7.791 min Scan# 2022
Delta R.T. 0.009 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

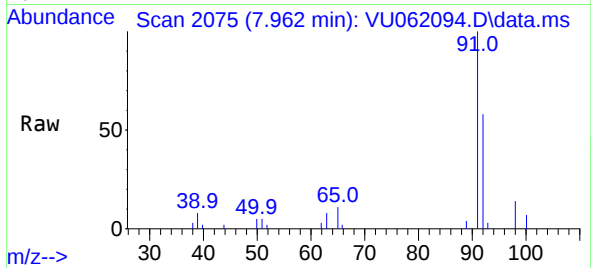
Tgt Ion: 43 Resp: 5861
Ion Ratio Lower Upper
43 100
58 40.8 35.7 53.5
100 16.1 14.6 21.8





#42
Toluene
Concen: 2.106 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

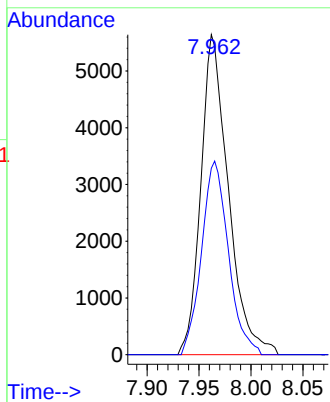
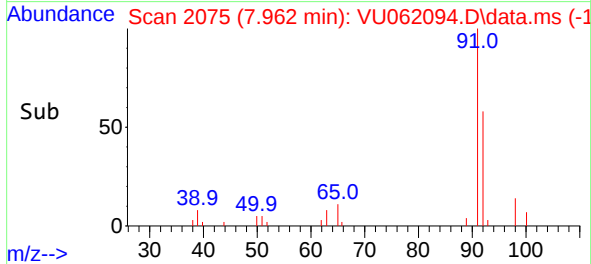
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 91 Resp: 10375
Ion Ratio Lower Upper
91 100
92 58.3 40.5 75.3

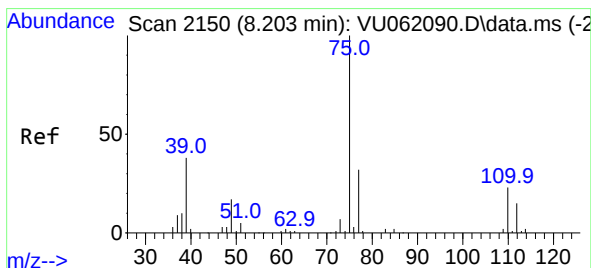
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Dadoda

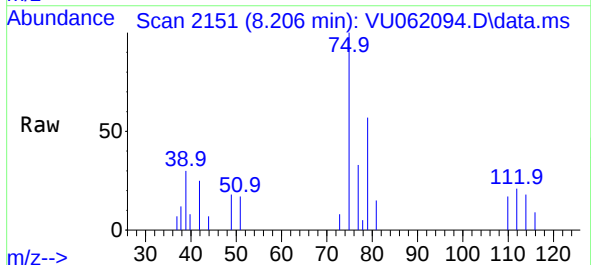


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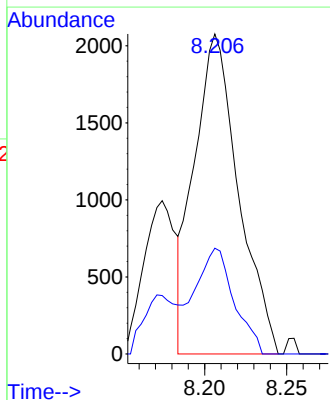
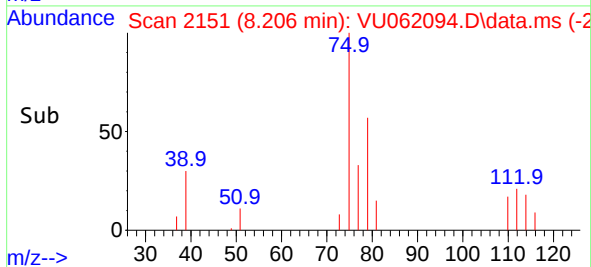
12/06/2024

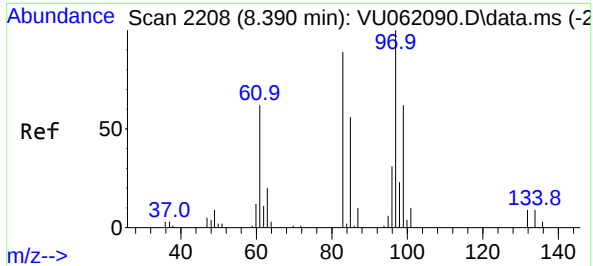


#44
trans-1,3-Dichloropropene
Concen: 2.140 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08



Tgt Ion: 75 Resp: 3896
Ion Ratio Lower Upper
75 100
77 33.1 22.4 41.6





#45
1,1,2-Trichloroethane
Concen: 2.300 ug/L
RT: 8.393 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

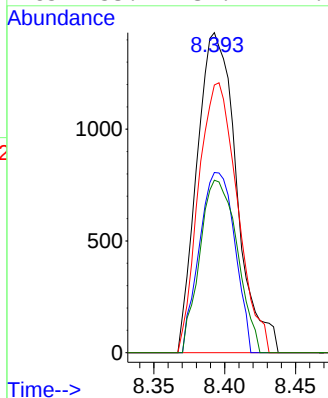
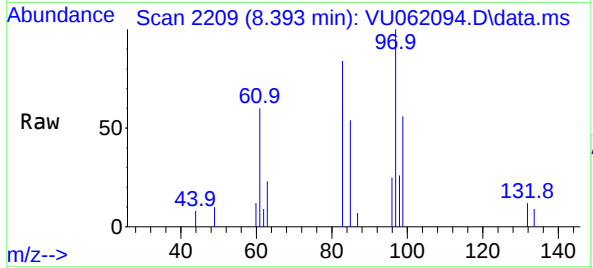
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 97 Resp: 278

Ion	Ratio	Lower	Upper
97	100		
99	56.3	43.5	80.7
83	83.7	60.8	113.0
85	53.9	39.2	72.8

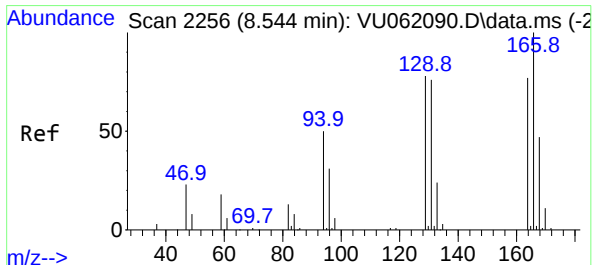
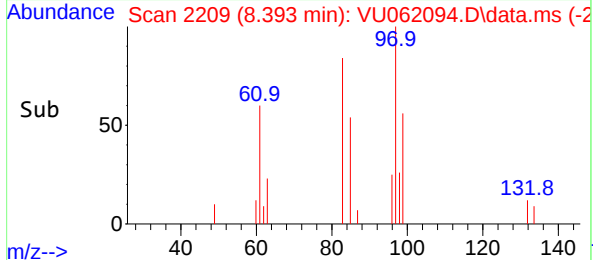
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Supervised By :Semsettin
Yesilyurt

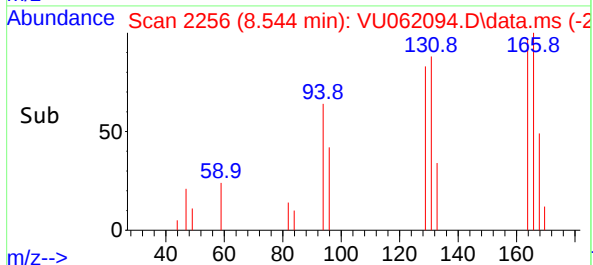
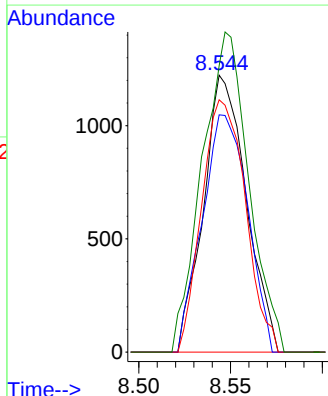
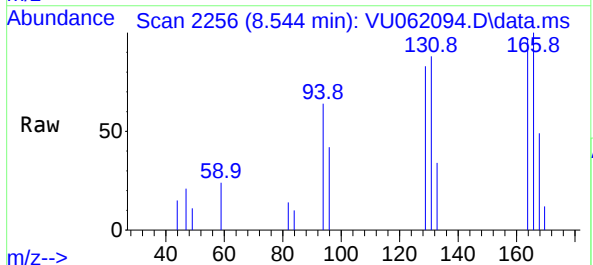
12/06/2024

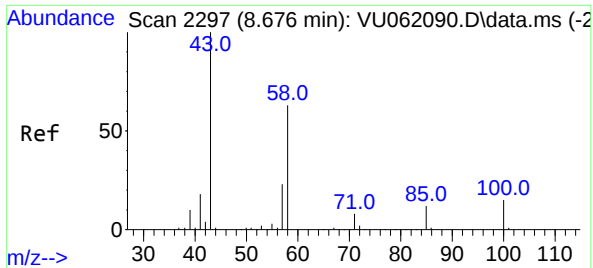


#46
Tetrachloroethene
Concen: 2.071 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion:164 Resp: 1980

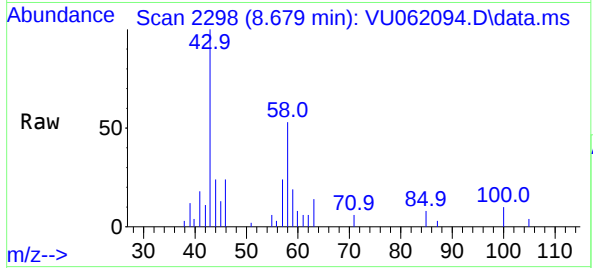
Ion	Ratio	Lower	Upper
164	100		
129	85.7	70.4	130.8
131	91.1	67.8	125.8
166	103.4	87.5	162.5





#48
2-Hexanone
Concen: 7.449 ug/L m
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

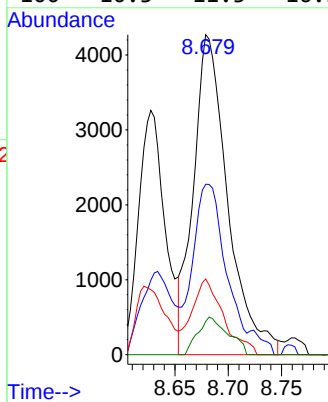
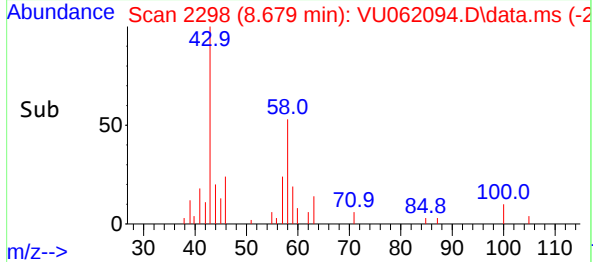
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 43 Resp: 9564
Ion Ratio Lower Upper
43 100
58 50.0 51.7 77.5
57 22.0 18.5 27.7
100 10.3 11.3 16.9#

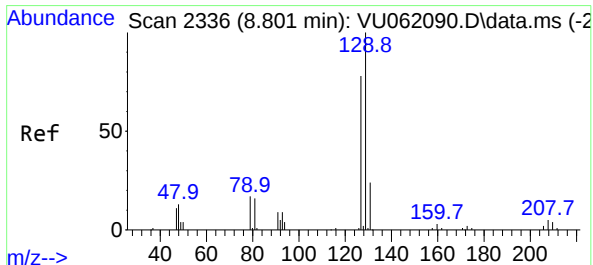
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Reviewed By :Mahesh
Dadoda



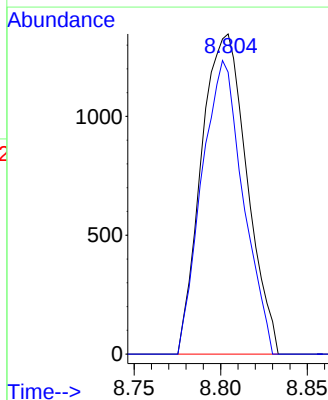
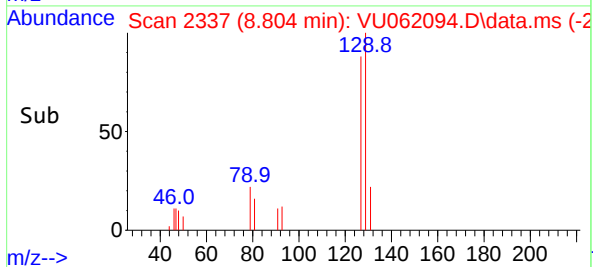
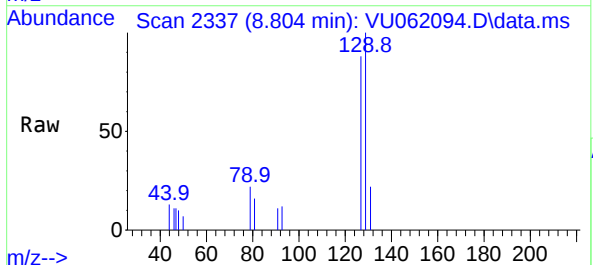
12/06/2024
Supervised By :Semsettin
Yesilyurt

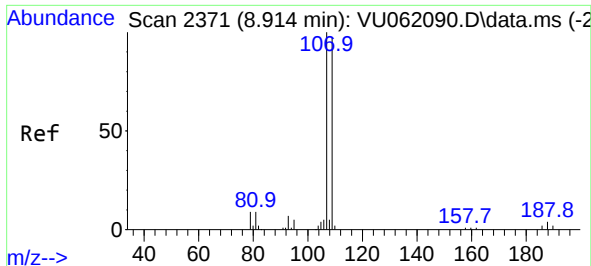
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#49
Dibromochloromethane
Concen: 1.949 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

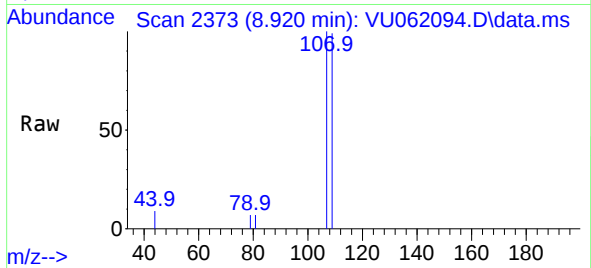
Tgt Ion:129 Resp: 2464
Ion Ratio Lower Upper
129 100
127 88.0 53.3 99.1





#50
1,2-Dibromoethane
Concen: 1.992 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

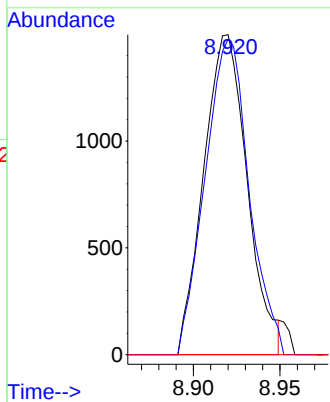
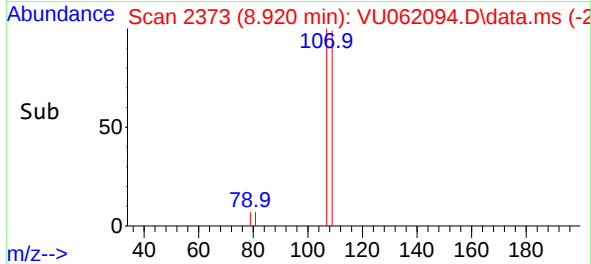
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:107 Resp: 2619
Ion Ratio Lower Upper
107 100
109 98.5 67.1 124.7
188 0.0 2.6 4.0

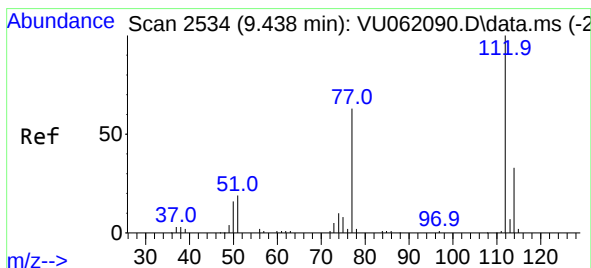
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Dadoda



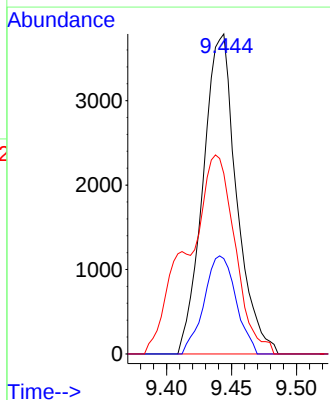
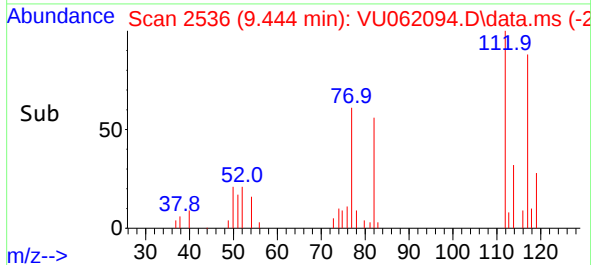
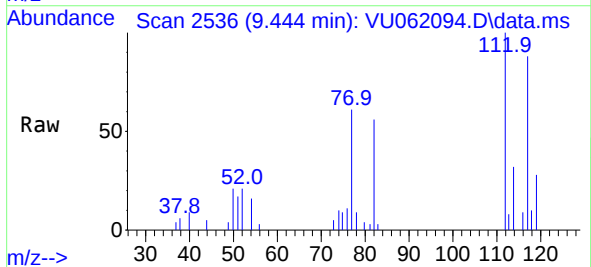
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Supervised By :Semsettin
Yesilyurt

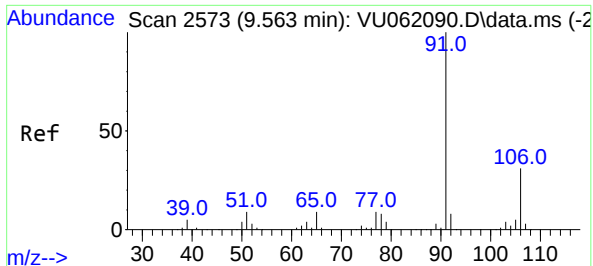
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#51
Chlorobenzene
Concen: 2.184 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion:112 Resp: 6796
Ion Ratio Lower Upper
112 100
114 29.8 22.0 41.0
77 56.4 50.8 76.2





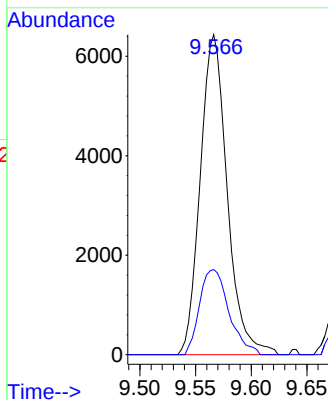
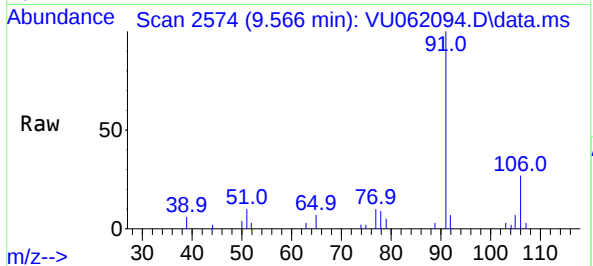
#52
Ethylbenzene
Concen: 2.006 ug/L
RT: 9.566 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 91 Resp: 1085
Ion Ratio Lower Upper
91 100
106 26.6 20.8 38.6

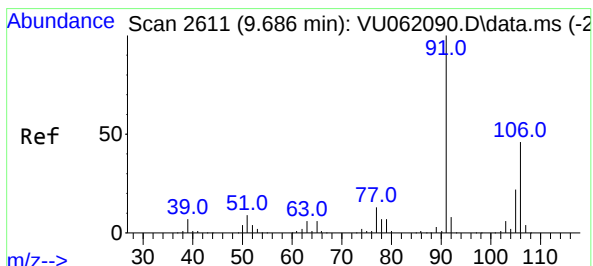
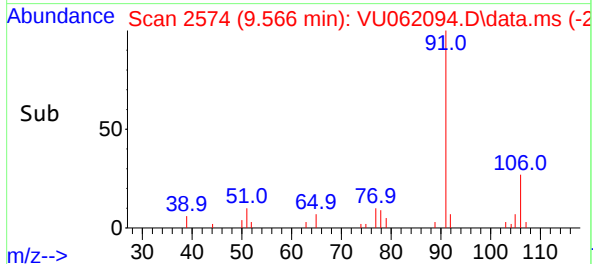
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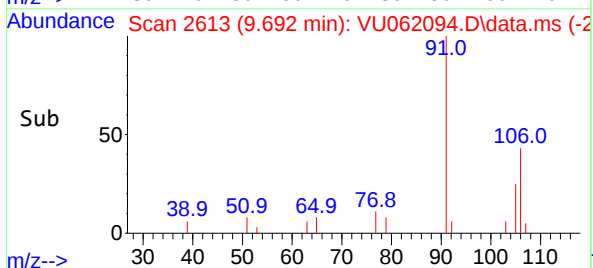
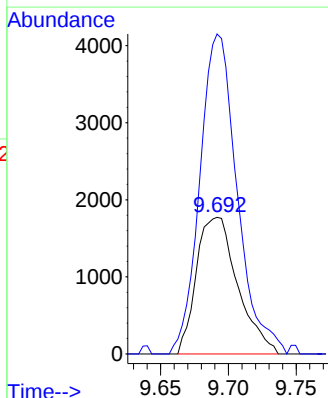
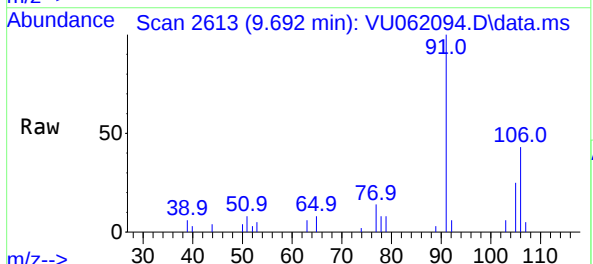
12/06/2024
Supervised By :Semsettin
Yesilyurt

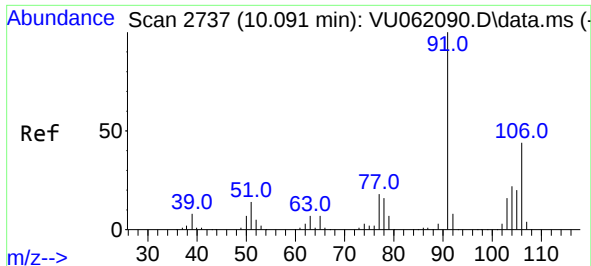
12/06/2024



#53
m,p-Xylene
Concen: 1.875 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion:106 Resp: 3751
Ion Ratio Lower Upper
106 100
91 234.2 147.9 274.7





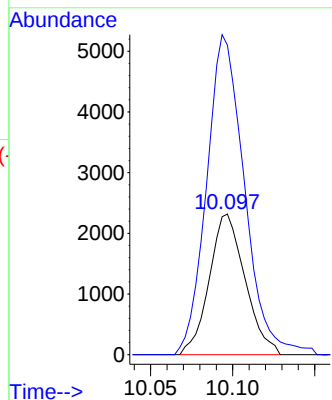
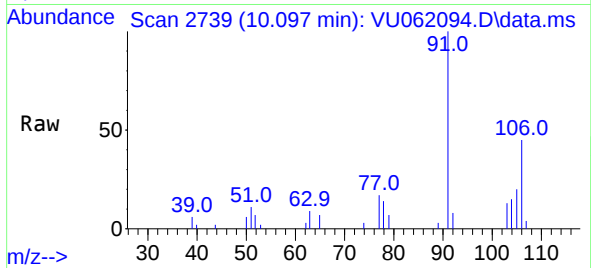
#54
o-Xylene
Concen: 1.796 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:106 Resp: 351
Ion Ratio Lower Upper
106 100
91 202.0 161.0 299.0

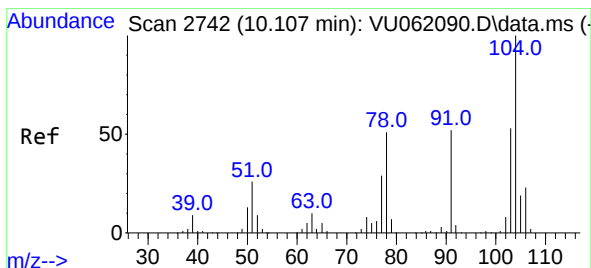
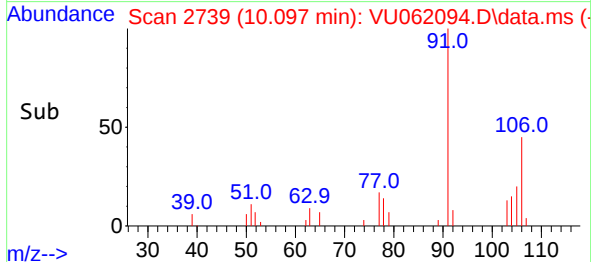
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Reviewed By :Mahesh
Dadoda



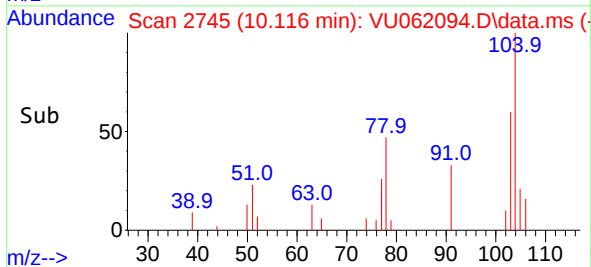
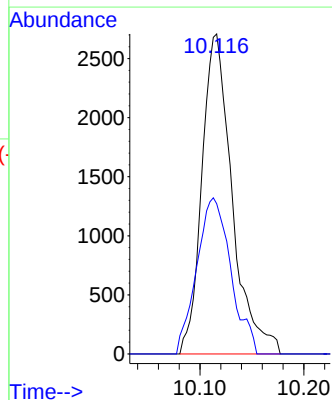
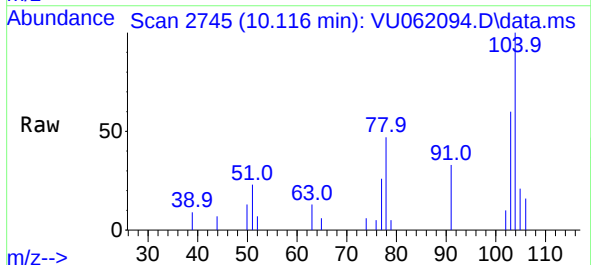
12/06/2024
Supervised By :Semsettin
Yesilyurt

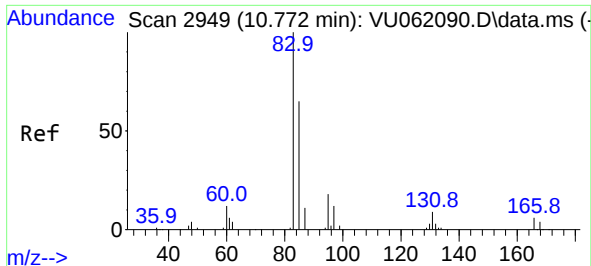
12/06/2024



#55
Styrene
Concen: 1.666 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.009 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

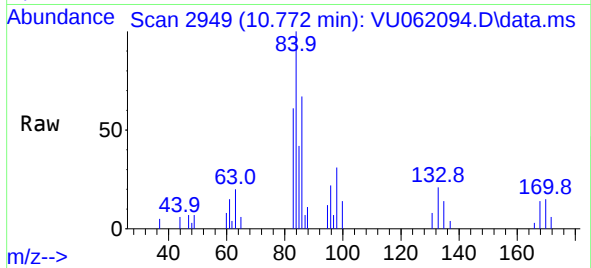
Tgt Ion:104 Resp: 5487
Ion Ratio Lower Upper
104 100
78 46.9 34.5 64.1





#57
1,1,2,2-Tetrachloroethane
Concen: 2.002 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

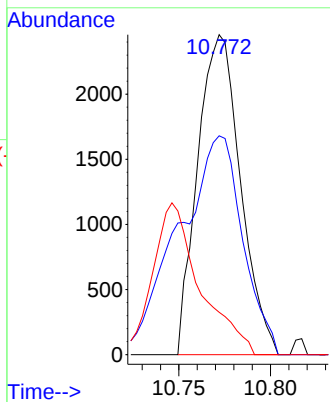
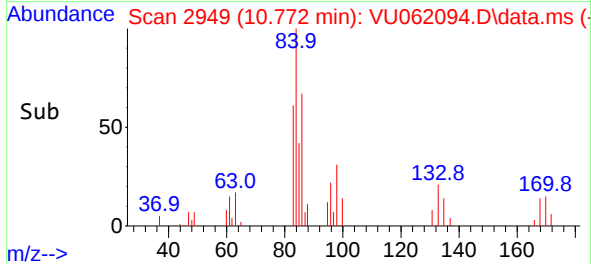
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 83 Resp: 3998
Ion Ratio Lower Upper
83 100
85 68.4 46.5 86.3
131 13.2 8.4 12.6

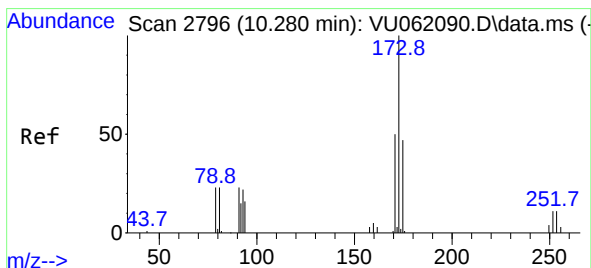
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda



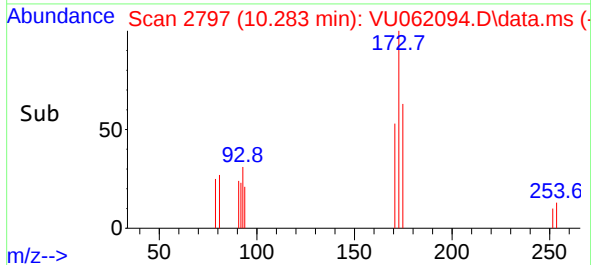
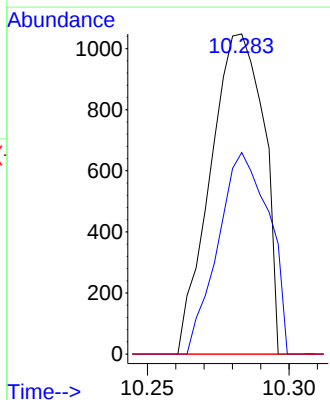
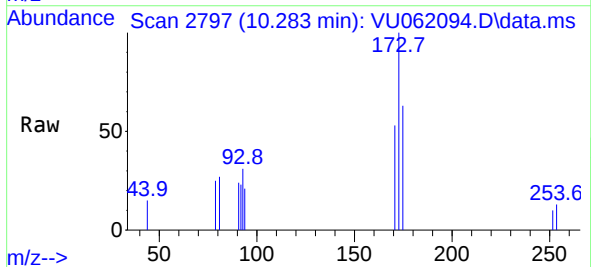
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Supervised By :Semsettin
Yesilyurt

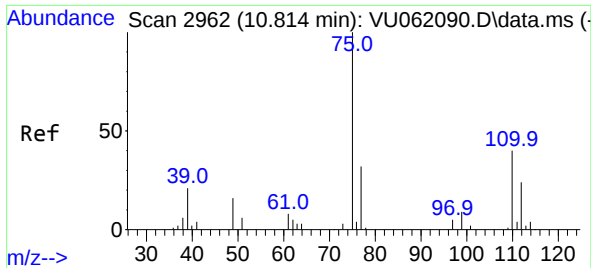
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#59
Bromoform
Concen: 1.474 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion:173 Resp: 1369
Ion Ratio Lower Upper
173 100
175 60.3 39.2 58.8#
254 0.0 1.7 2.5#





#60
1,2,3-Trichloropropane
Concen: 2.098 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

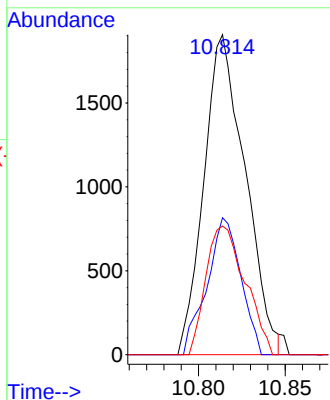
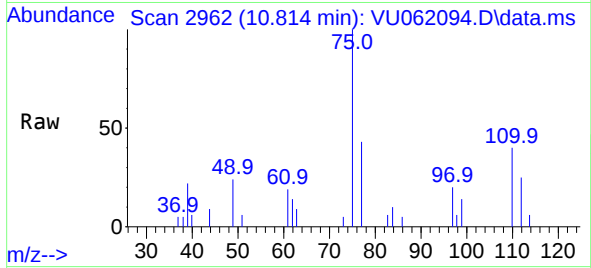
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 75 Resp: 315

Ion	Ratio	Lower	Upper
75	100		
77	35.1	26.2	39.4
110	38.2	30.7	46.1

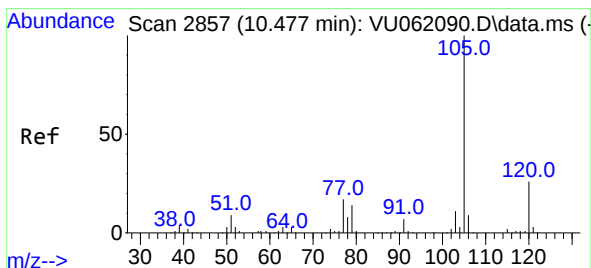
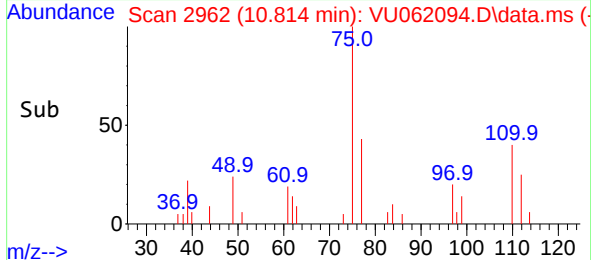
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Dadoda



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Supervised By :Semsettin
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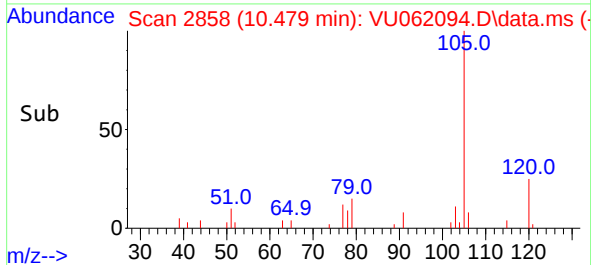
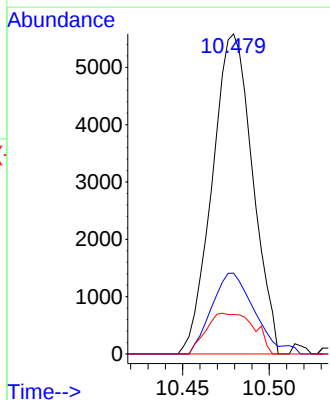
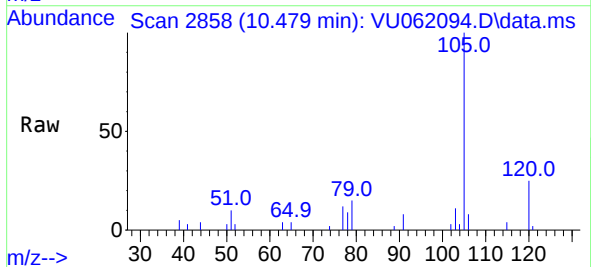
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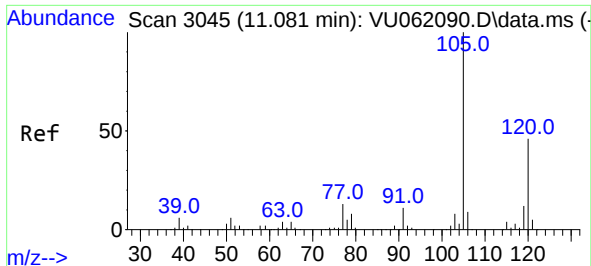


#61
Isopropylbenzene
Concen: 1.823 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Tgt Ion:105 Resp: 9042

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.0	30.0
77	7.5	13.1	19.7





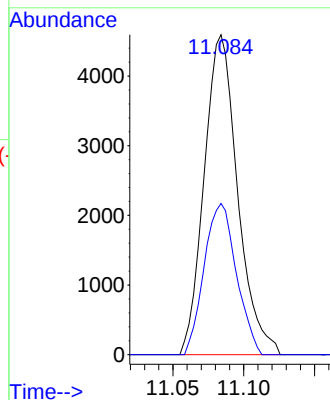
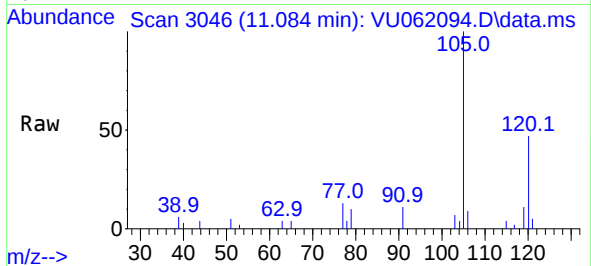
#62
1,3,5-Trimethylbenzene
Concen: 1.789 ug/L
RT: 11.084 min Scan# 3045
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:105 Resp: 755
Ion Ratio Lower Upper
105 100
120 45.4 37.0 55.6

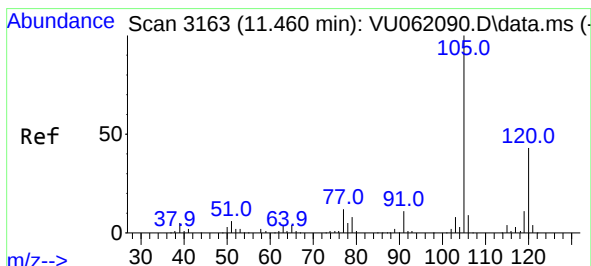
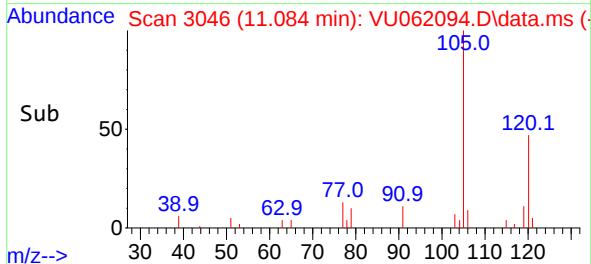
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Reviewed By :Mahesh
Dadoda



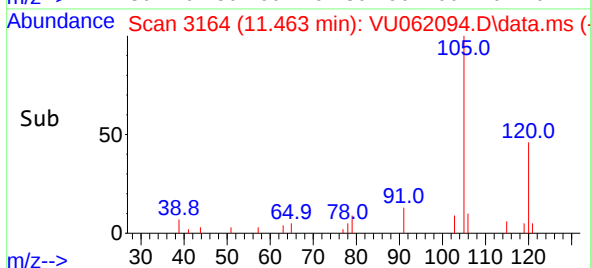
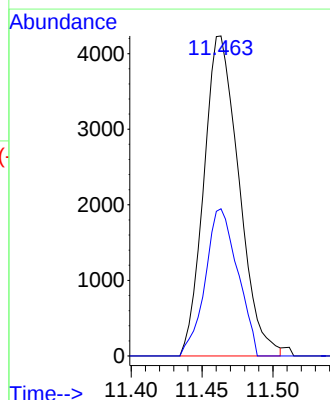
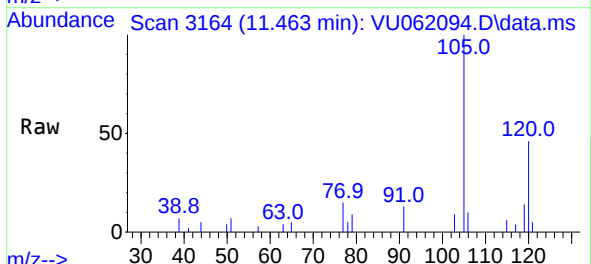
12/06/2024
Supervised By :Semsettin
Yesilyurt

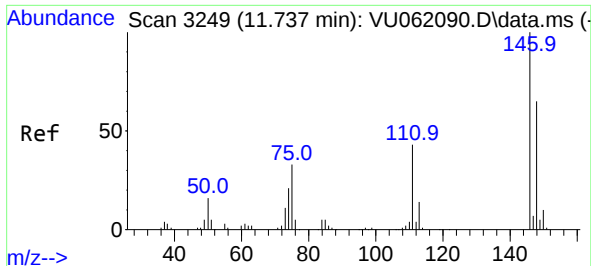
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#63
1,2,4-Trimethylbenzene
Concen: 1.792 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

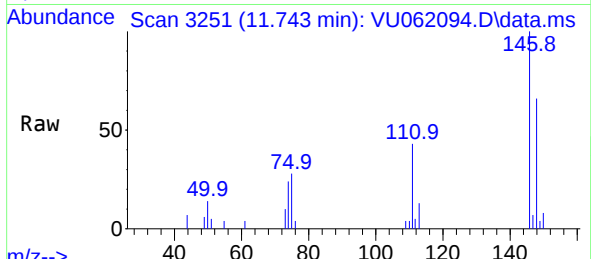
Tgt Ion:105 Resp: 7285
Ion Ratio Lower Upper
105 100
120 42.4 33.8 50.8





#64
1,3-Dichlorobenzene
Concen: 2.034 ug/L
RT: 11.743 min Scan# 311
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

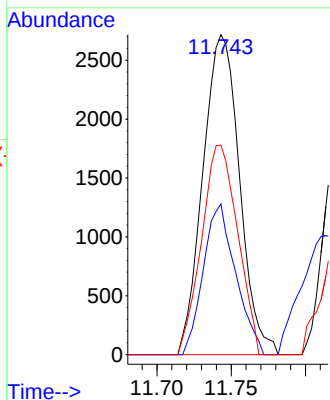
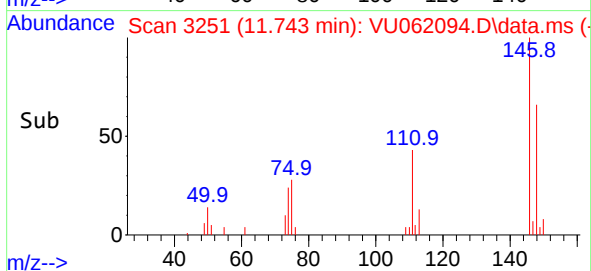
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:146 Resp: 4662
Ion Ratio Lower Upper
146 100
111 44.0 29.8 55.4
148 61.3 44.4 82.5

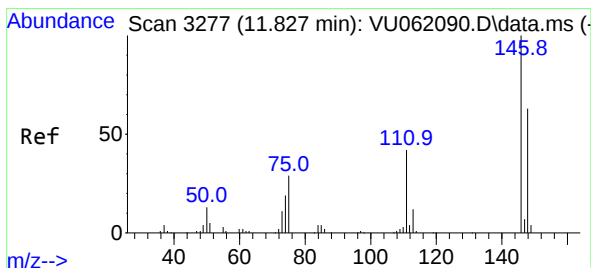
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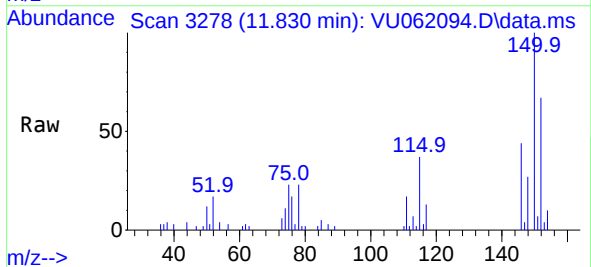


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Supervised By :Semsettin
Yesilyurt

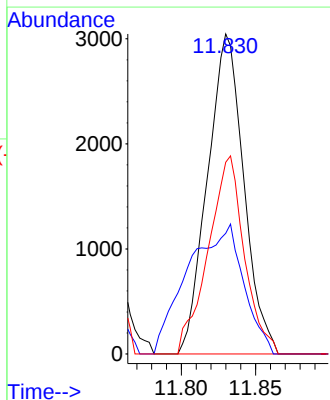
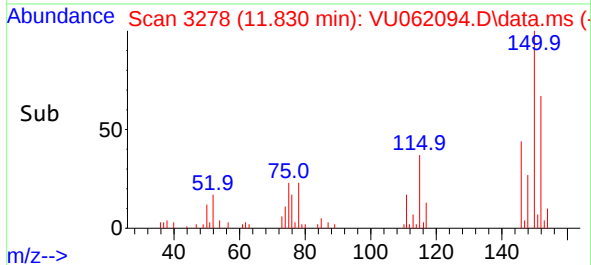
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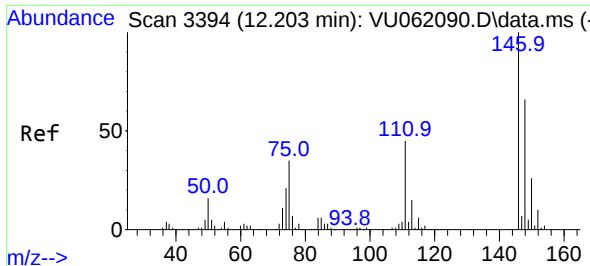


#65
1,4-Dichlorobenzene
Concen: 2.223 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08



Tgt Ion:146 Resp: 5172
Ion Ratio Lower Upper
146 100
111 42.1 29.4 54.6
148 59.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 2.088 ug/L

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Instrument :

MSVOA_U

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

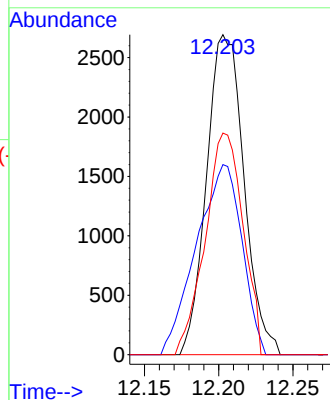
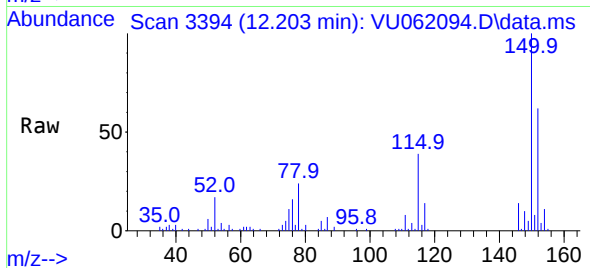
Tgt Ion:146 Resp: 4728

Ion	Ratio	Lower	Upper
146	100		
111	59.9	36.1	54.1
148	64.1	49.8	74.6

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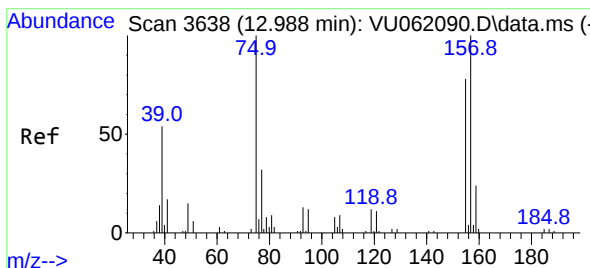
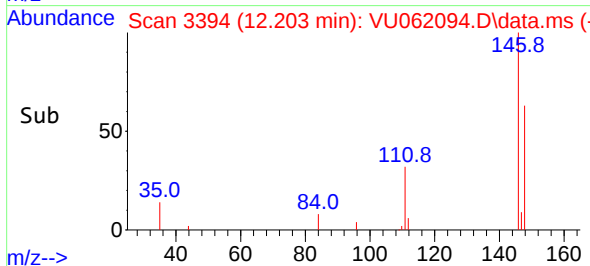
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Dadoda



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Supervised By :Semsettin
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#68

1,2-Dibromo-3-chloropropane

Concen: 1.968 ug/L m

RT: 12.994 min Scan# 3640

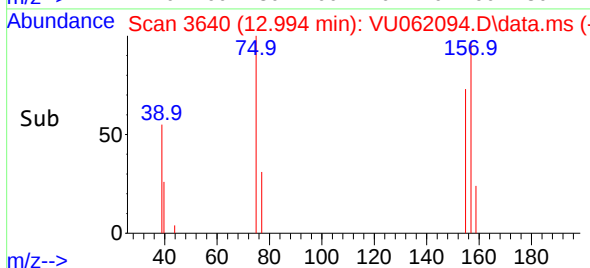
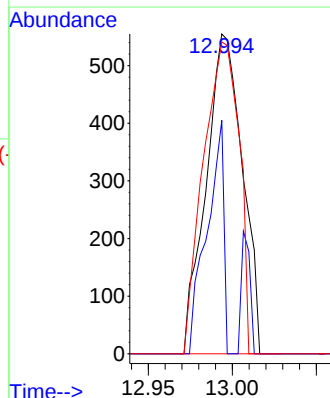
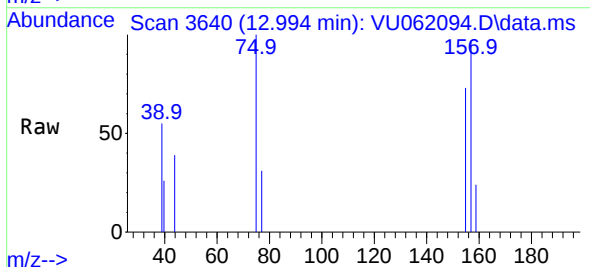
Delta R.T. 0.006 min

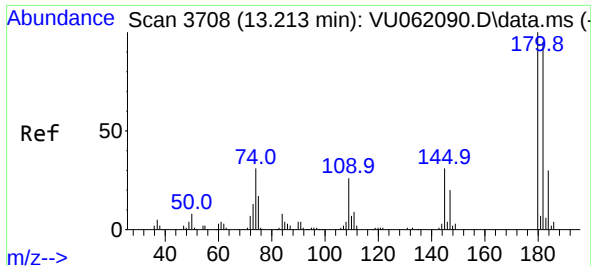
Lab File: VU062094.D

Acq: 05 Dec 2024 12:08

Tgt Ion: 75 Resp: 835

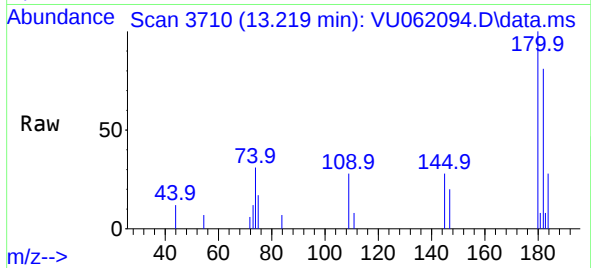
Ion	Ratio	Lower	Upper
75	100		
155	73.0	65.1	97.7
157	97.5	91.2	136.8





#69
1,3,5-Trichlorobenzene
Concen: 1.495 ug/L
RT: 13.219 min Scan# 3708
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

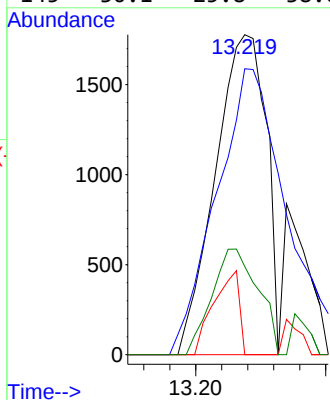
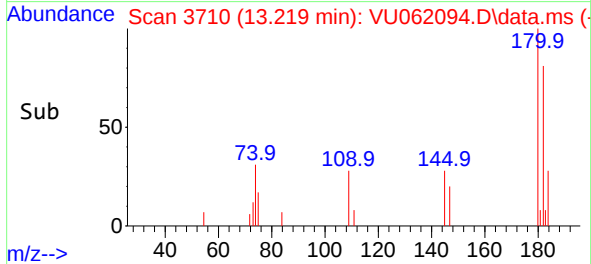
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:180 Resp: 241
Ion Ratio Lower Upper
180 100
182 123.7 74.6 112.0
184 13.3 24.2 36.2
145 30.1 25.8 38.6

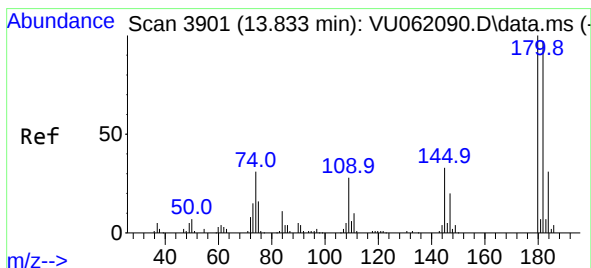
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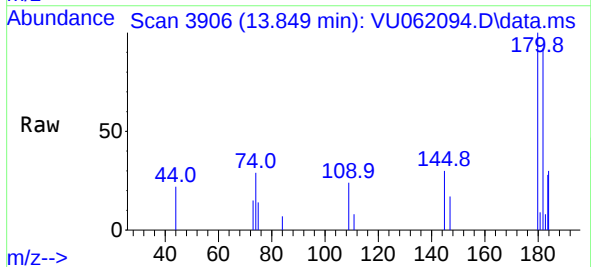


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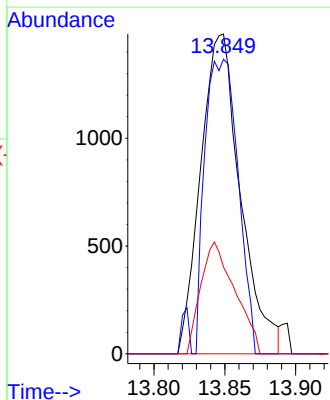
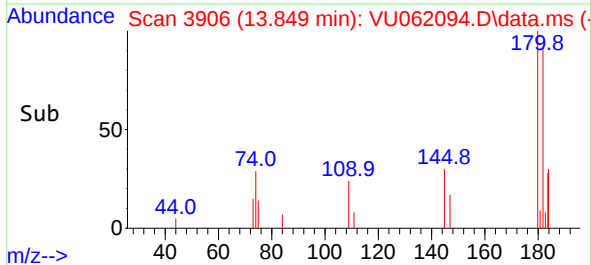
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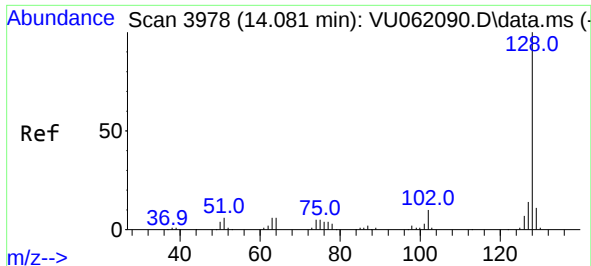


#70
1,2,4-trichlorobenzene
Concen: 2.100 ug/L
RT: 13.849 min Scan# 3906
Delta R.T. 0.016 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08



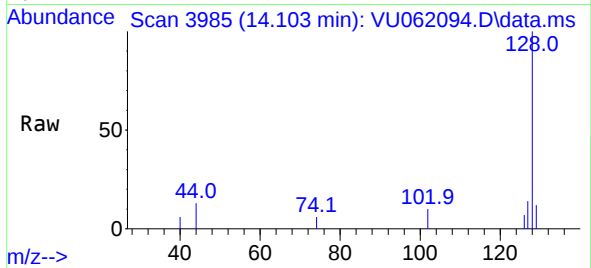
Tgt Ion:180 Resp: 2893
Ion Ratio Lower Upper
180 100
182 37.0 76.6 114.8
145 30.1 27.1 40.7





#71
Naphthalene
Concen: 1.415 ug/L m
RT: 14.103 min Scan# 3985
Delta R.T. 0.022 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08

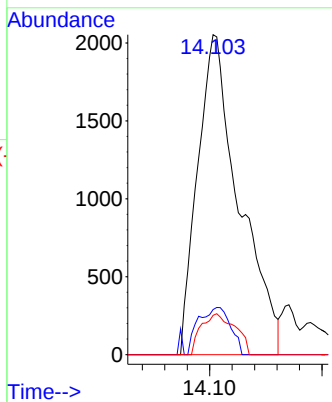
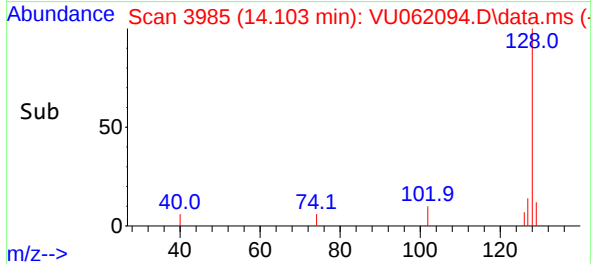
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:128 Resp: 528
Ion Ratio Lower Upper
128 100
127 7.5 10.3 15.5
129 10.4 8.5 12.7

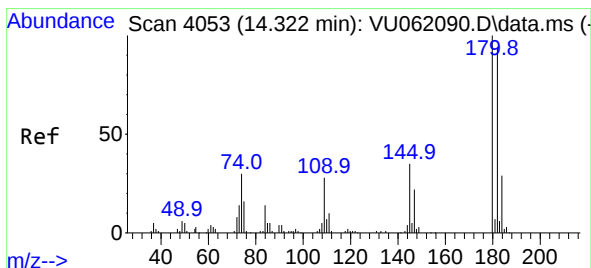
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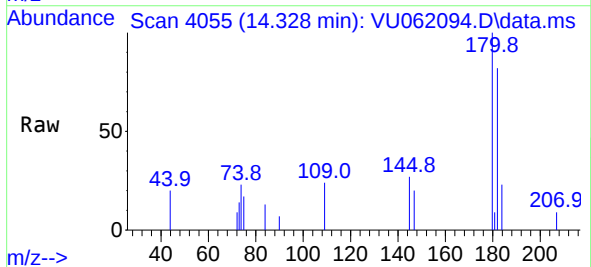


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Supervised By :Semsettin
Yesilyurt

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#72
1,2,3-Trichlorobenzene
Concen: 1.444 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU062094.D
Acq: 05 Dec 2024 12:08



Tgt Ion:180 Resp: 1920
Ion Ratio Lower Upper
180 100
182 110.2 75.8 113.6
145 36.1 27.4 41.0

