

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120623\
 Data File : VW027566.D
 Acq On : 06 Dec 2023 14:14
 Operator : SY/MD
 Sample : 04696-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2023-07

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

Quant Time: Dec 07 07:15:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 07 06:54:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	296162	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	249817	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	120014	25.000	ug/L	0.00

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 adoda

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	126831	21.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.120%
7) Chloroethane-d5	2.899	69	96286	22.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.160%
11) 1,1-Dichloroethene-d2	4.027	65	57453	22.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.120%
21) 2-Butanone-d5	7.081	46	68089	43.599	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.200%
24) Chloroform-d	7.654	84	205048	23.195	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	8.307	65	108517	24.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	8.276	84	450346	25.595	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	9.270	67	132327	25.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.040%
41) Toluene-d8	10.325	98	386804	25.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.520%
43) trans-1,3-Dichloroprop...	10.575	79	47248	23.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.240%
47) 2-Hexanone-d5	10.922	63	46056	47.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.300%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100576	23.573	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	108039	25.681	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.720%

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Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.015	85	5191m	1.309	ug/L
3) Chloromethane	2.216	50	5802	1.195	ug/L
5) Vinyl chloride	2.375	62	7277m	1.285	ug/L
6) Bromomethane	2.795	94	3106	1.045	ug/L
8) Chloroethane	2.936	64	4270m	1.320	ug/L
9) Trichlorofluoromethane	3.277	101	5839	1.076	ug/L
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	5913m	1.278	ug/L
12) 1,1-Dichloroethene	4.051	96	6046	1.431	ug/L #
13) Acetone	4.131	43	5907m	3.924	ug/L
14) Carbon disulfide	4.393	76	14838	1.162	ug/L
15) Methyl Acetate	4.679	43	3741m	1.422	ug/L
16) Methylene chloride	4.923	84	10237	2.120	ug/L
17) trans-1,2-Dichloroethene	5.435	96	4890	1.123	ug/L
18) Methyl tert-butyl Ether	5.435	73	7313m	1.041	ug/L
19) 1,1-Dichloroethane	6.216	63	9616	1.086	ug/L
20) cis-1,2-Dichloroethene	7.173	96	4982	1.065	ug/L
22) 2-Butanone	7.185	43	7355m	3.787	ug/L
23) Bromochloromethane	7.520	128	2337	1.270	ug/L
25) Chloroform	7.679	83	9780	1.216	ug/L

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	8.398	62	6204	1.193	ug/L	#	95
29) Cyclohexane	7.959	56	9193	1.119	ug/L		97
30) 1,1,1-Trichloroethane	7.874	97	7889	1.132	ug/L		98
31) Carbon tetrachloride	8.075	117	6969	1.147	ug/L		96
33) Benzene	8.325	78	19035	1.104	ug/L		100
34) Trichloroethene	9.093	95	5537	1.176	ug/L		97
35) Methylcyclohexane	9.331	83	9574	1.142	ug/L		96
37) 1,2-Dichloropropane	9.367	63	5139	1.129	ug/L	#	91
38) Bromodichloromethane	9.648	83	5660	1.075	ug/L	#	92
39) cis-1,3-Dichloropropene	10.075	75	6810	1.036	ug/L		93
40) 4-Methyl-2-pentanone	10.209	43	6417	2.085	ug/L		94
42) Toluene	10.386	91	20386	1.118	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	5738m	1.082	ug/L		
45) 1,1,2-Trichloroethane	10.788	97	3600	1.136	ug/L		90
46) Tetrachloroethene	10.861	164	3869	1.152	ug/L		85
48) 2-Hexanone	10.965	43	4639	2.139	ug/L	#	90
49) Dibromochloromethane	11.123	129	3360	1.072	ug/L		82
50) 1,2-Dibromoethane	11.233	107	3417	1.178	ug/L		85
51) Chlorobenzene	11.654	112	12649	1.150	ug/L		93
52) Ethylbenzene	11.727	91	22872	1.104	ug/L		99
53) m,p-Xylene	11.836	106	7849	1.028	ug/L		96
54) o-Xylene	12.166	106	7254	1.046	ug/L		96
55) Styrene	12.178	104	11233	0.949	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.708	83	4959	1.201	ug/L	#	89
59) Bromoform	12.349	173	1799	1.070	ug/L	#	90
60) Isopropylbenzene	12.464	105	20740	1.047	ug/L	#	94
61) 1,2,3-Trichloropropane	12.769	75	3367	1.163	ug/L		95
62) 1,3,5-Trimethylbenzene	12.940	105	14392	0.982	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	14623	1.002	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	8116	1.069	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	8603	1.136	ug/L		93
67) 1,2-Dichlorobenzene	13.867	146	7365	1.077	ug/L	#	85
68) 1,2-Dibromo-3-chloropr...	14.476	75	1354	1.945	ug/L	#	86
69) 1,3,5-Trichlorobenzene	14.623	180	5002	0.980	ug/L		94
70) 1,2,4-trichlorobenzene	15.129	180	4640	1.171	ug/L		89
71) Naphthalene	15.360	128	8800	1.056	ug/L	#	93
72) 1,2,3-Trichlorobenzene	15.543	180	3771	1.111	ug/L		95

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

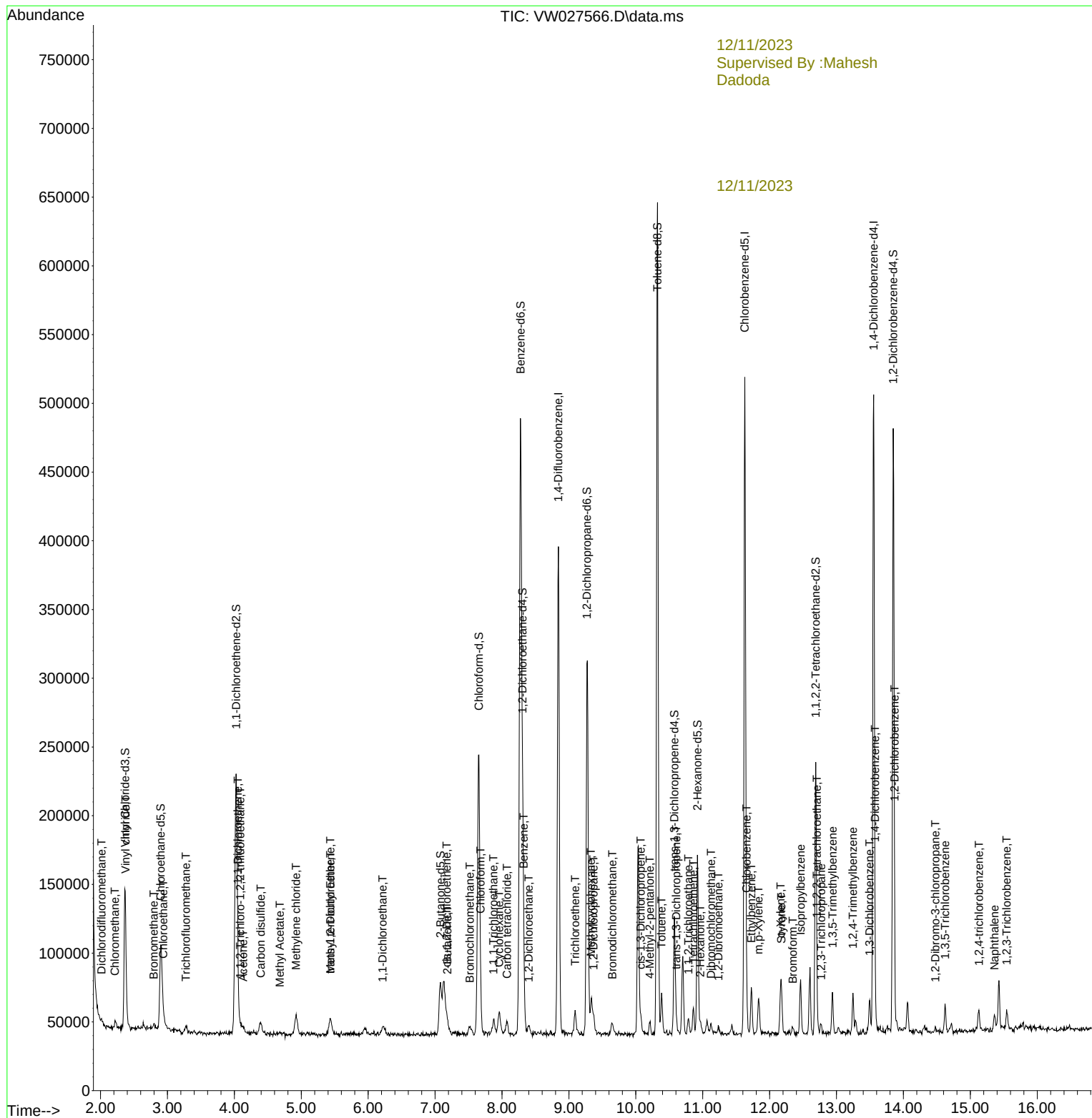
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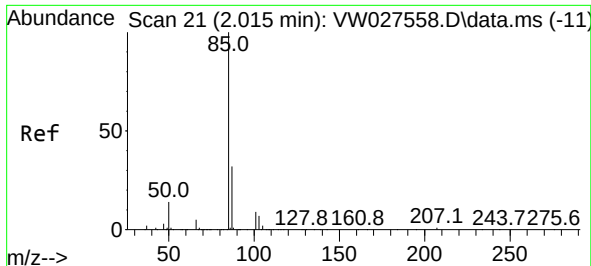
Instrument :
MSVOA_W
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MDL-SOIL-QT4-2023-07

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Quant Title : SFAM01.0
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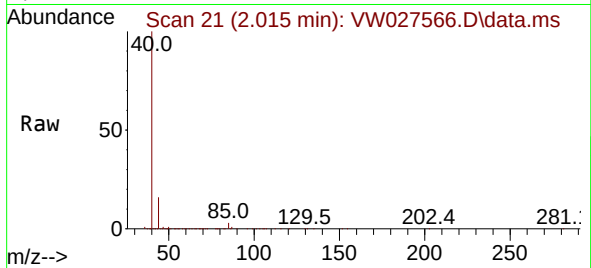
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#2
Dichlorodifluoromethane
Concen: 1.309 ug/L m
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

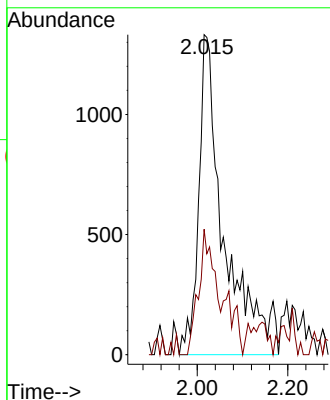
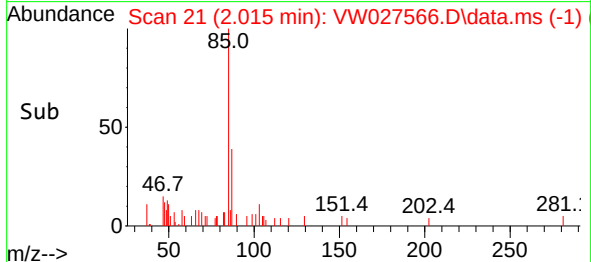
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion: 85 Resp: 519
Ion Ratio Lower Upper
85 100
87 0.5 24.0 36.0

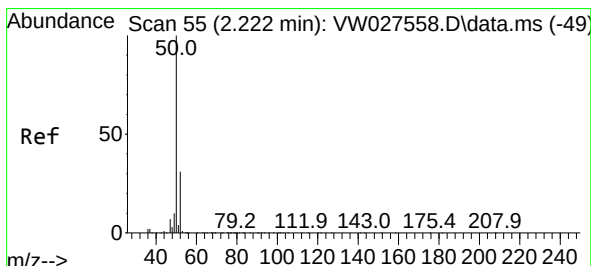
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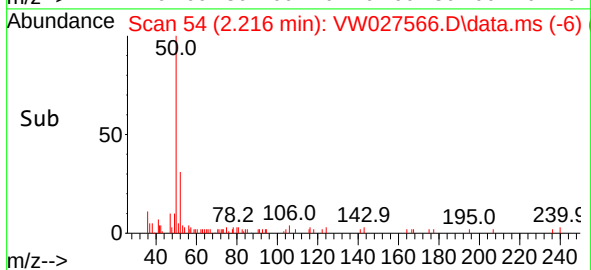
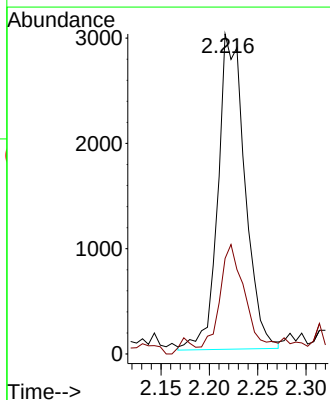
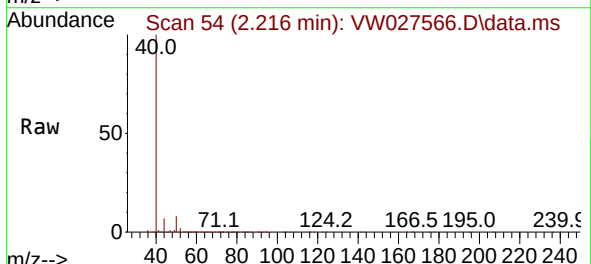
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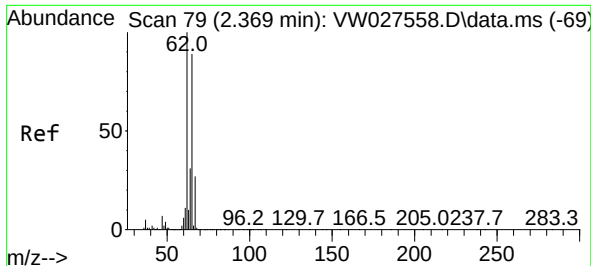
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#3
Chloromethane
Concen: 1.195 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

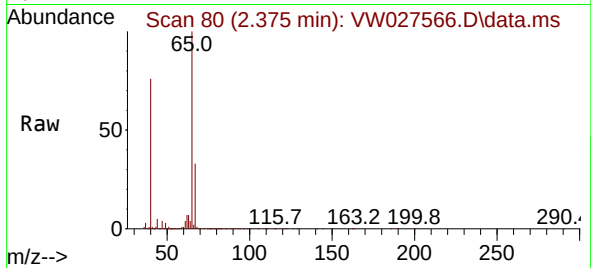
Tgt Ion: 50 Resp: 5802
Ion Ratio Lower Upper
50 100
52 29.9 21.8 40.6





#5
 Vinyl chloride
 Concen: 1.285 ug/L m
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW027566.D
 Acq: 06 Dec 2023 14:14

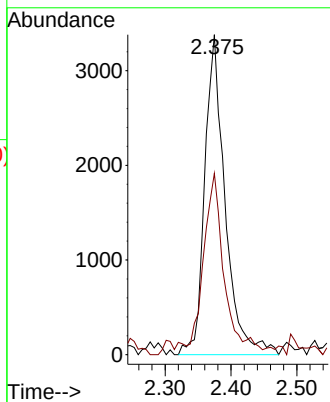
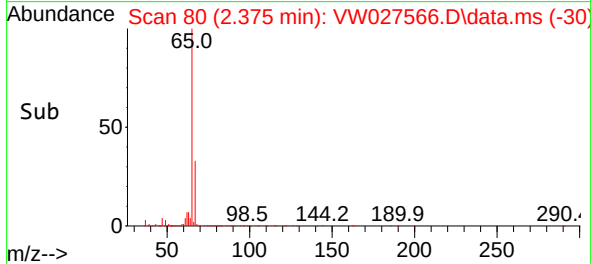
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 MDL-SOIL-QT4-2023-07



Tgt Ion: 62 Resp: 727
 Ion Ratio Lower Upper
 62 100
 64 56.7 22.2 41.2

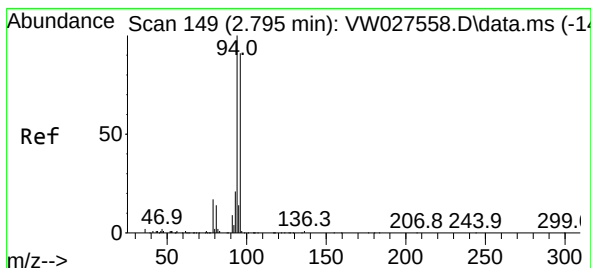
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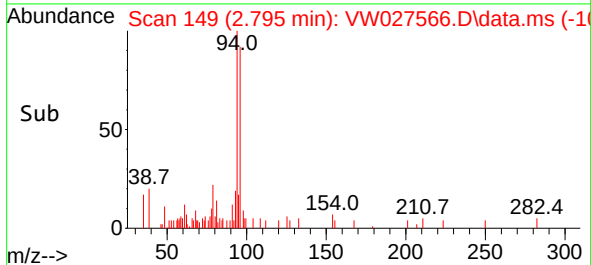
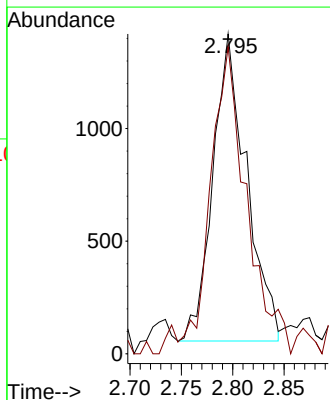
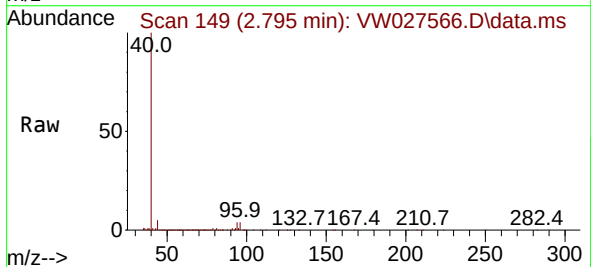
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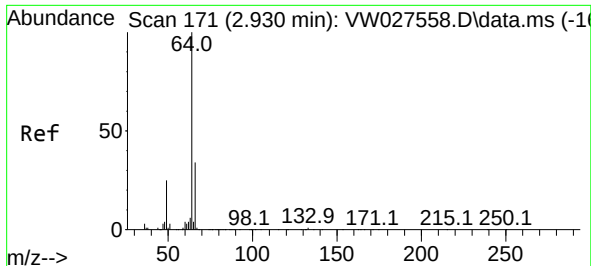
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#6
 Bromomethane
 Concen: 1.045 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW027566.D
 Acq: 06 Dec 2023 14:14

Tgt Ion: 94 Resp: 3106
 Ion Ratio Lower Upper
 94 100
 96 95.9 63.3 117.7





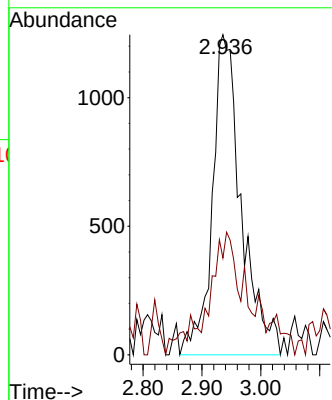
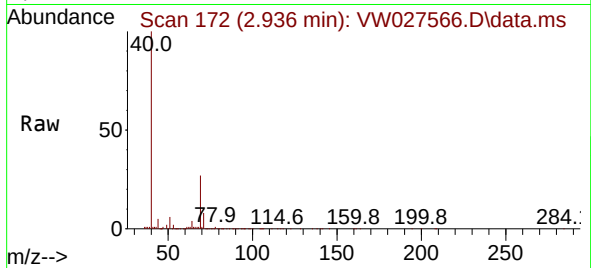
#8
Chloroethane
Concen: 1.320 ug/L m
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2023-07

Tgt Ion: 64 Resp: 4270
Ion Ratio Lower Upper
64 100
66 30.2 24.1 44.7

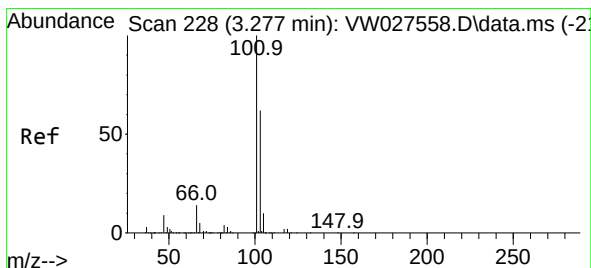
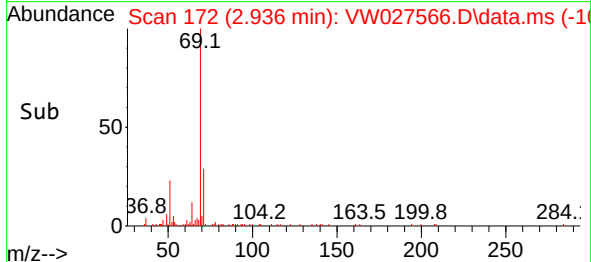
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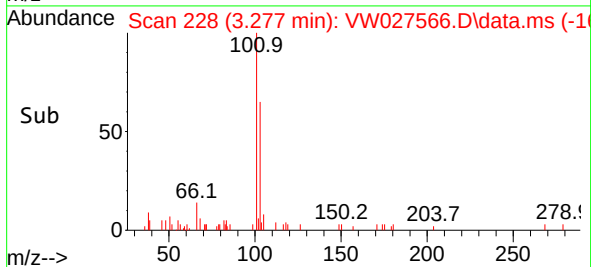
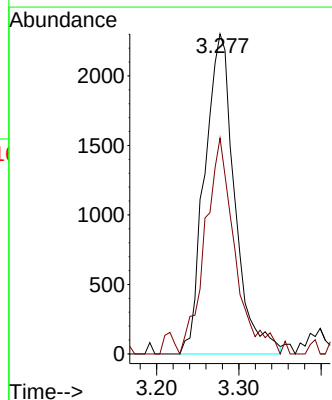
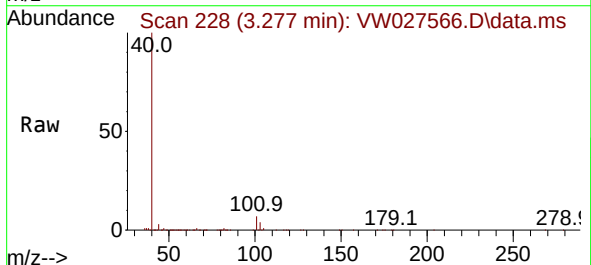
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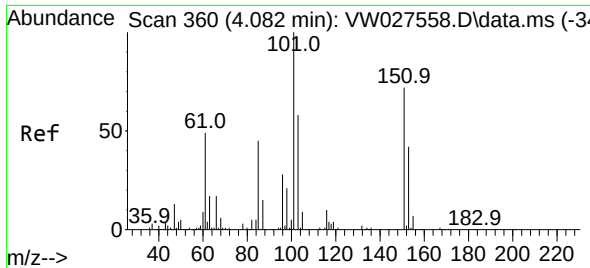
12/11/2023



#9
Trichlorofluoromethane
Concen: 1.076 ug/L
RT: 3.277 min Scan# 228
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

Tgt Ion:101 Resp: 5839
Ion Ratio Lower Upper
101 100
103 63.6 52.0 78.0





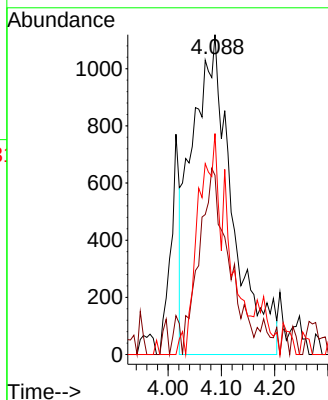
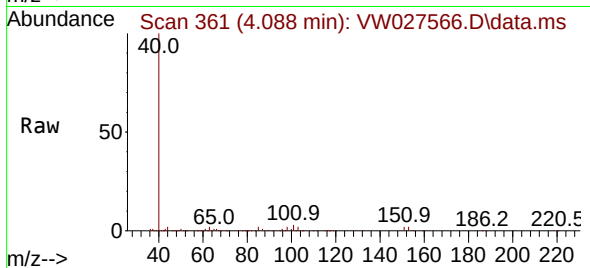
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.278 ug/L m
RT: 4.088 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

Instrument :
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Tgt Ion:101 Resp: 591
Ion Ratio Lower Upper
101 100
85 0.0 33.9 50.9
151 23.7 54.6 81.8

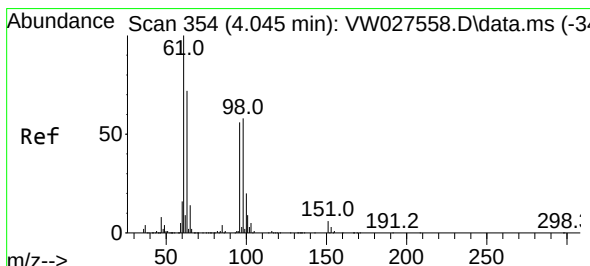
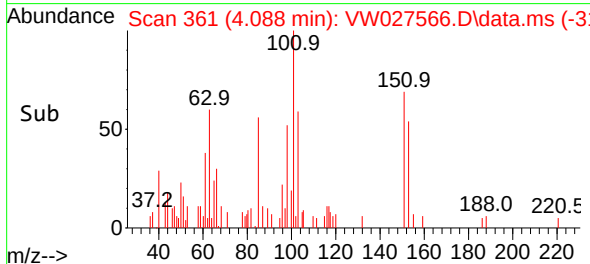
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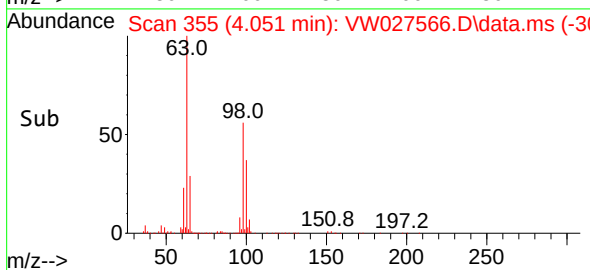
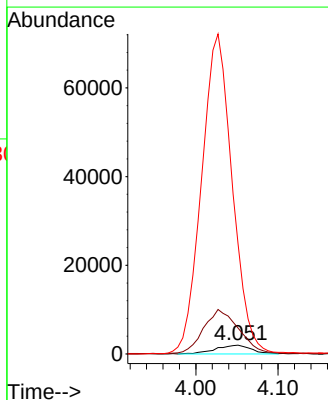
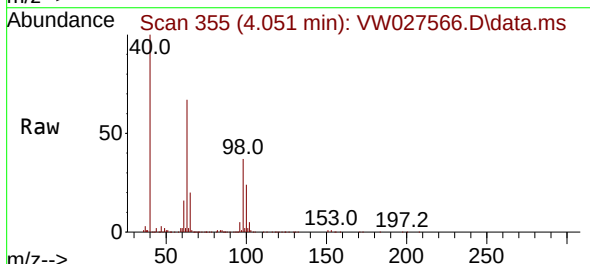
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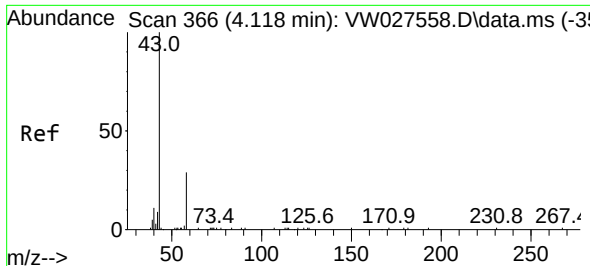
12/11/2023



#12
1,1-Dichloroethene
Concen: 1.431 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

Tgt Ion: 96 Resp: 6046
Ion Ratio Lower Upper
96 100
61 295.8 127.8 237.4#
63 1253.9 104.9 194.7#





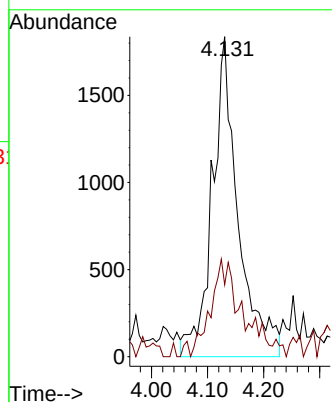
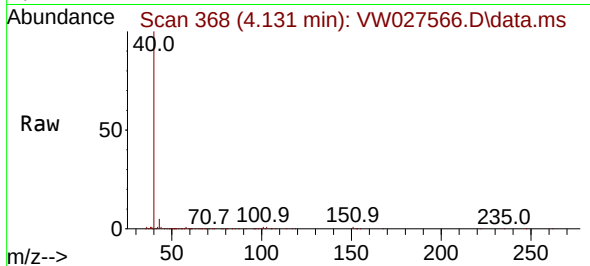
#13
Acetone
Concen: 3.924 ug/L m
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW027566.D
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Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
58 10.4 0.0 60.0

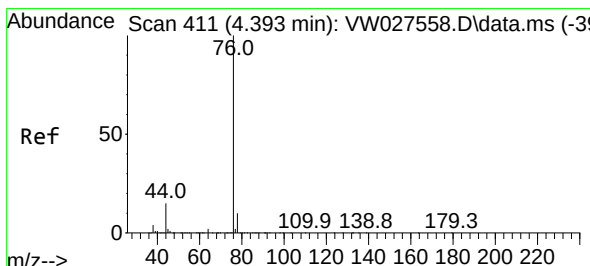
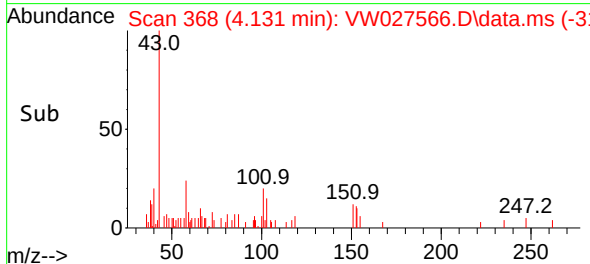
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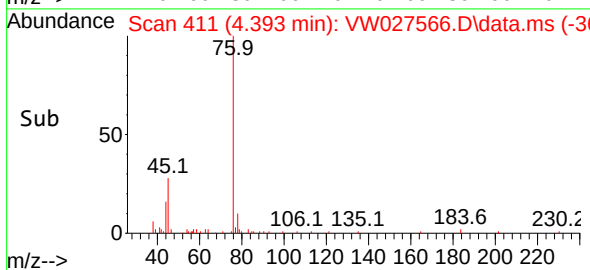
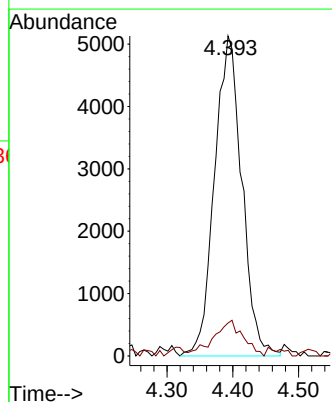
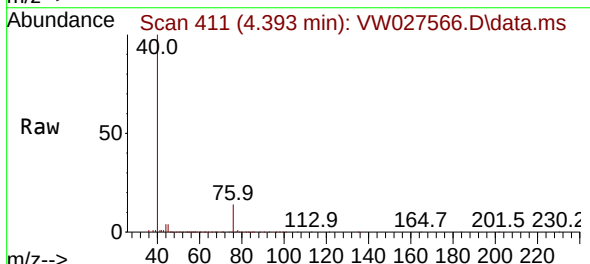
12/11/2023
Supervised By :Mahesh
Dadoda

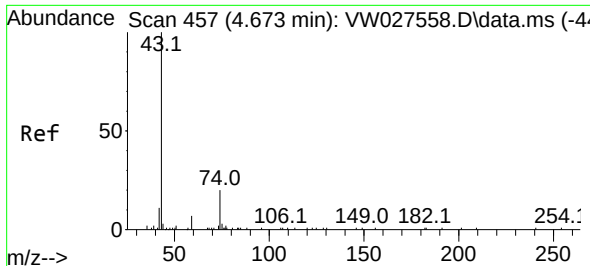
12/11/2023



#14
Carbon disulfide
Concen: 1.162 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

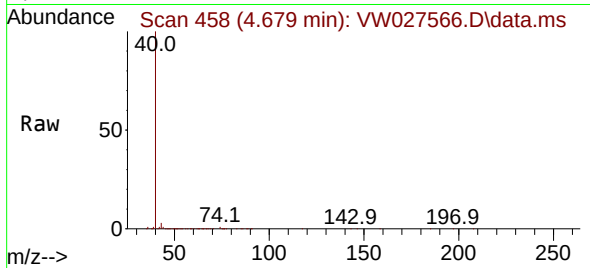
Tgt Ion: 76 Resp: 14838
Ion Ratio Lower Upper
76 100
78 10.3 7.8 11.6





#15
Methyl Acetate
Concen: 1.422 ug/L m
RT: 4.679 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

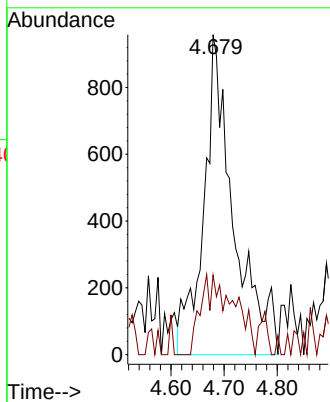
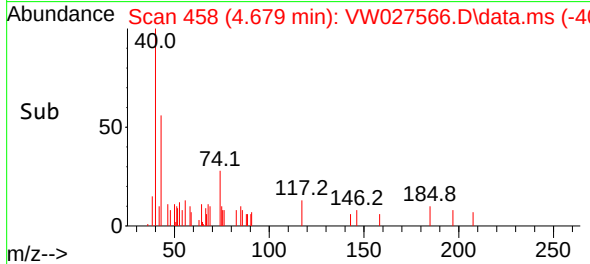
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion: 43 Resp: 374
Ion Ratio Lower Upper
43 100
74 0.7 16.8 25.2

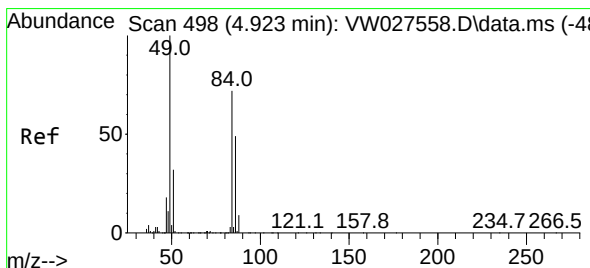
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



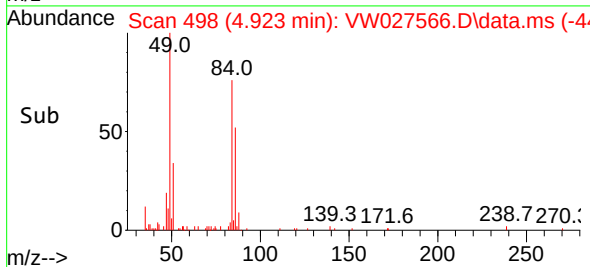
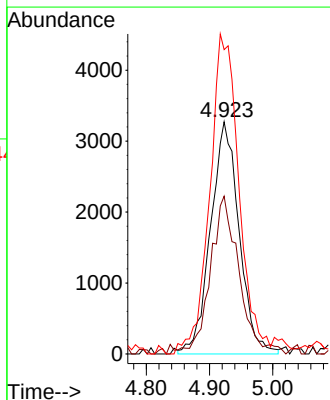
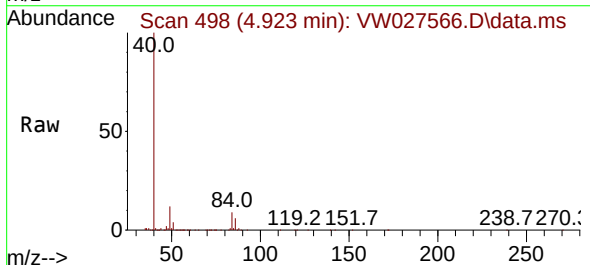
12/11/2023
Supervised By :Mahesh
Dadoda

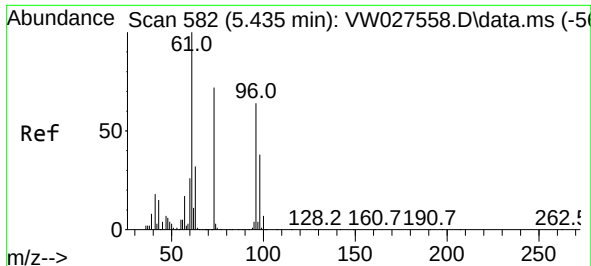
12/11/2023



#16
Methylene chloride
Concen: 2.120 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

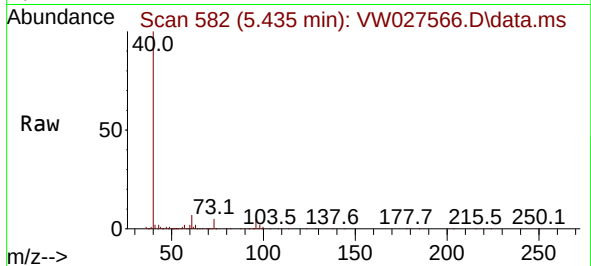
Tgt Ion: 84 Resp: 10237
Ion Ratio Lower Upper
84 100
86 68.0 47.7 88.7
49 131.1 97.4 181.0





#17
trans-1,2-Dichloroethene
Concen: 1.123 ug/L
RT: 5.435 min Scan# 582
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

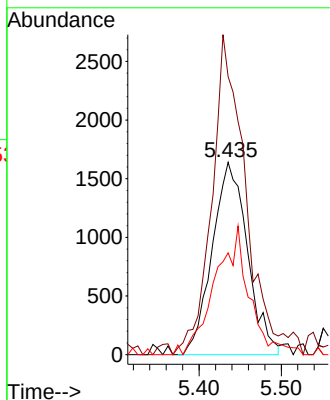
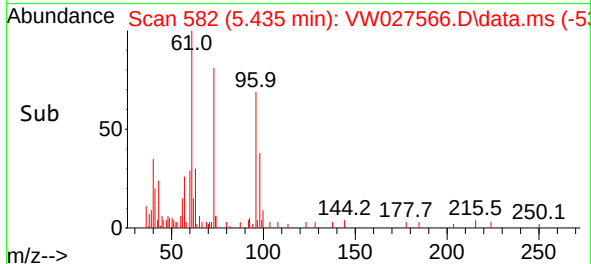
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2023-07



Tgt Ion: 96 Resp: 4890
Ion Ratio Lower Upper
96 100
61 144.5 109.6 203.6
98 52.9 41.9 77.7

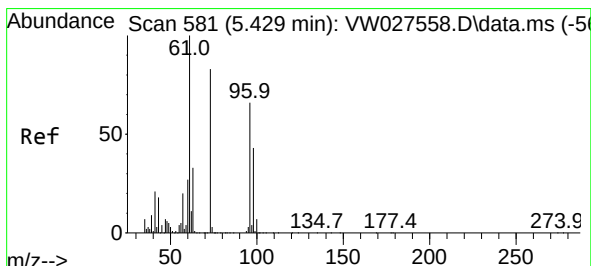
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

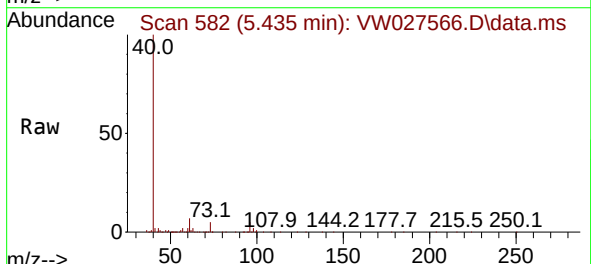


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Supervised By :Mahesh
Dadoda

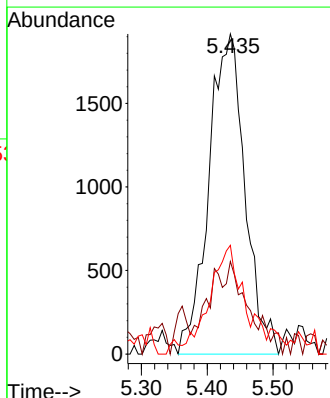
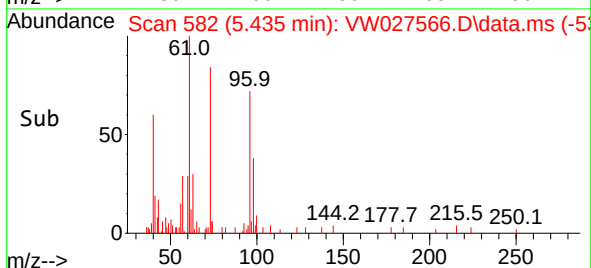
12/11/2023

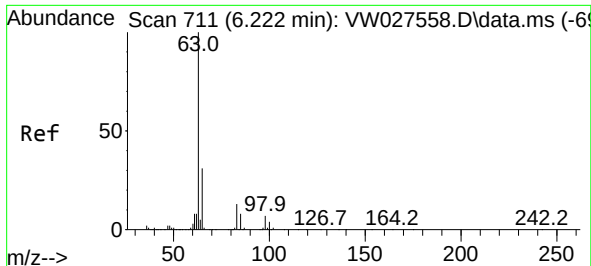


#18
Methyl tert-butyl Ether
Concen: 1.041 ug/L m
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14



Tgt Ion: 73 Resp: 7313
Ion Ratio Lower Upper
73 100
43 0.4 17.8 26.6#
57 0.4 19.9 29.9#





#19

1,1-Dichloroethane

Concen: 1.086 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW027566.D

Acq: 06 Dec 2023 14:14

Instrument :

MSVOA_W

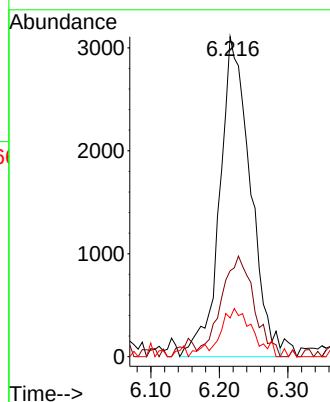
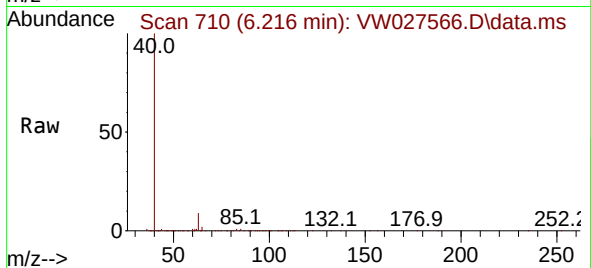
ClientSampleId :

MDL-SOIL-QT4-2023-07

Tgt Ion: 63	Resp: 9610
Ion Ratio	Lower Upper
63 100	
65 26.9	22.0 40.8
83 12.1	9.0 16.8

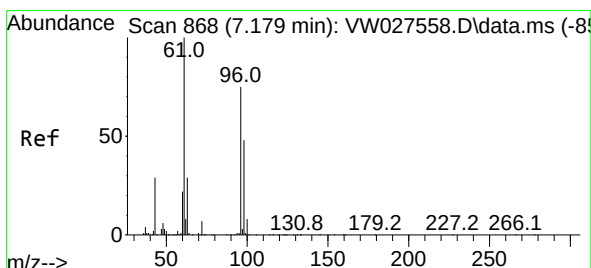
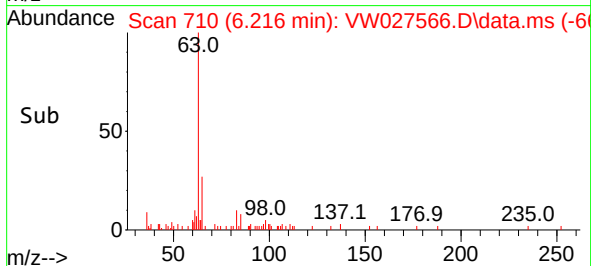
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



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Supervised By :Mahesh
Dadoda

12/11/2023



#20

cis-1,2-Dichloroethene

Concen: 1.065 ug/L

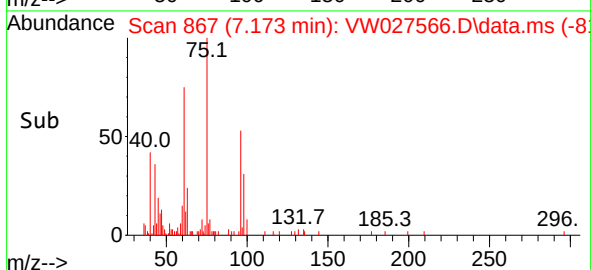
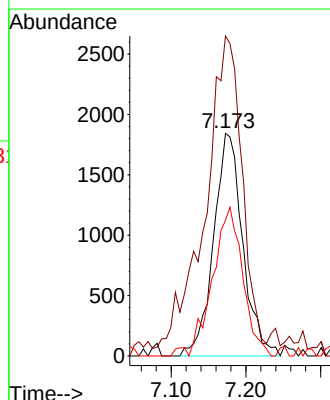
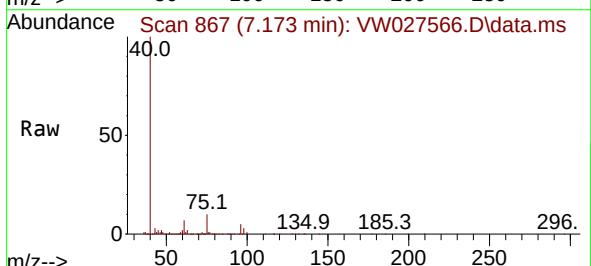
RT: 7.173 min Scan# 867

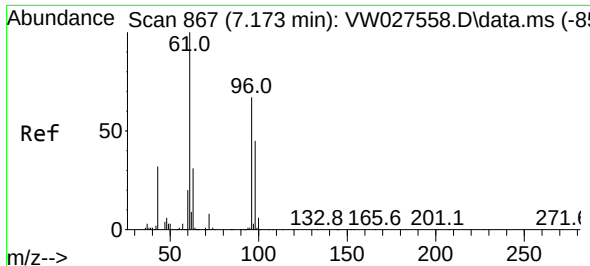
Delta R.T. -0.006 min

Lab File: VW027566.D

Acq: 06 Dec 2023 14:14

Tgt Ion: 96	Resp: 4982
Ion Ratio	Lower Upper
96 100	
61 143.8	94.0 174.6
98 61.0	45.1 83.7





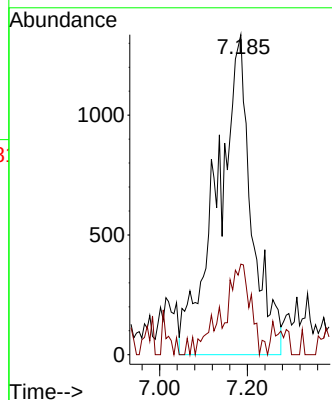
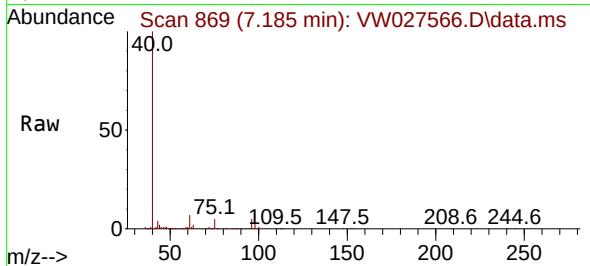
#22
2-Butanone
Concen: 3.787 ug/L m
RT: 7.185 min Scan# 869
Delta R.T. 0.012 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2023-07

Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
72 15.7 11.9 35.9

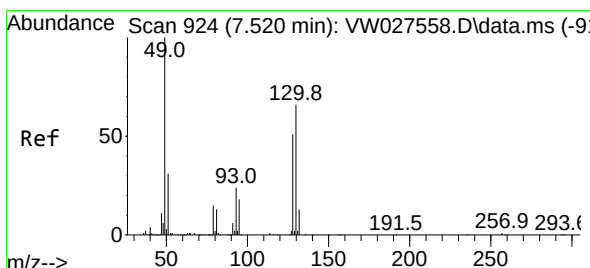
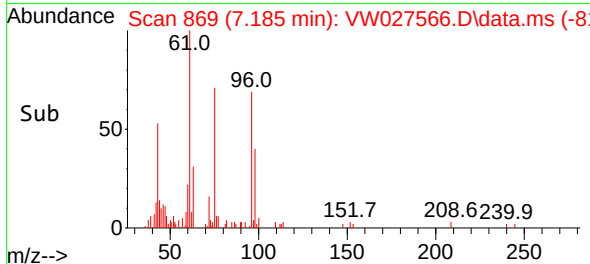
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



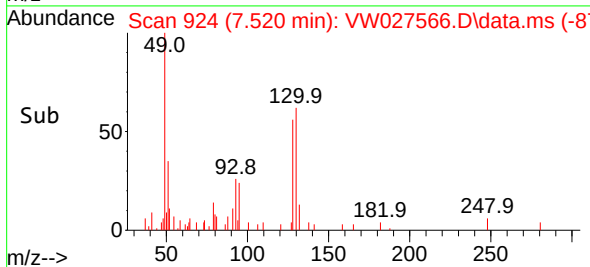
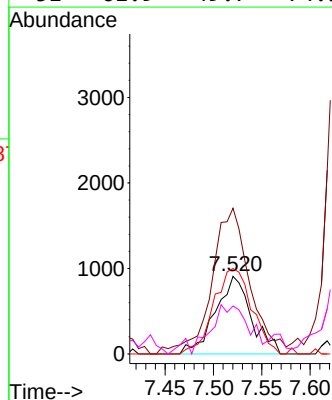
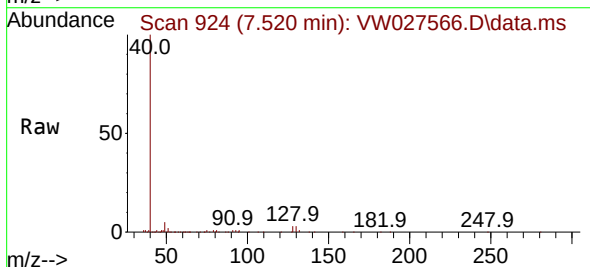
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Supervised By :Mahesh
Dadoda

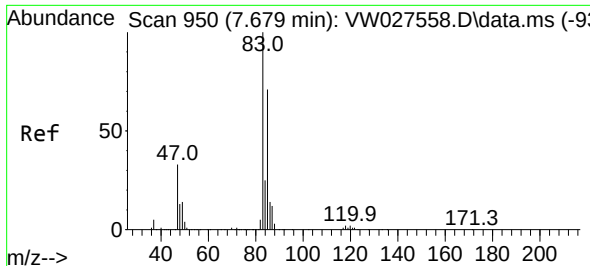
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#23
Bromochloromethane
Concen: 1.270 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

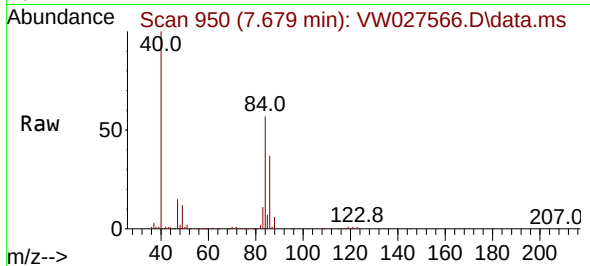
Tgt Ion:128 Resp: 2337
Ion Ratio Lower Upper
128 100
49 187.8 137.8 256.0
130 110.1 91.2 169.4
51 61.9 49.7 74.5





#25
Chloroform
Concen: 1.216 ug/L
RT: 7.679 min Scan# 910
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

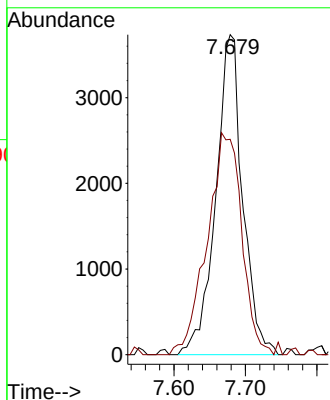
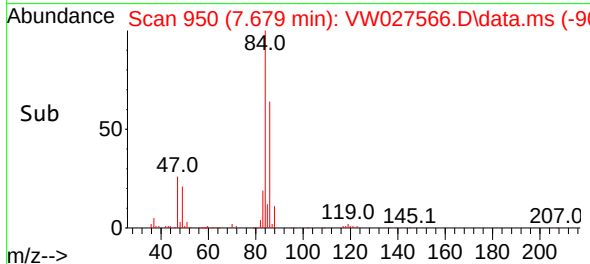
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2023-07



Tgt Ion: 83 Resp: 9780
Ion Ratio Lower Upper
83 100
85 67.3 49.8 92.6

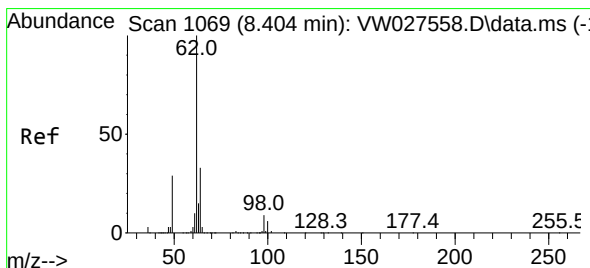
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

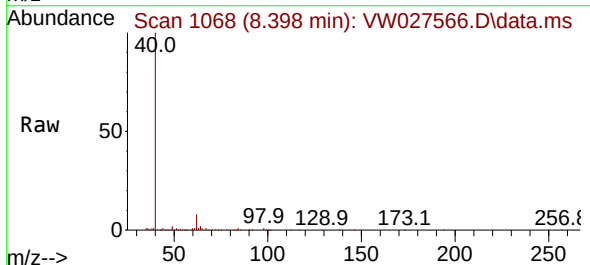


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Supervised By :Mahesh
Dadoda

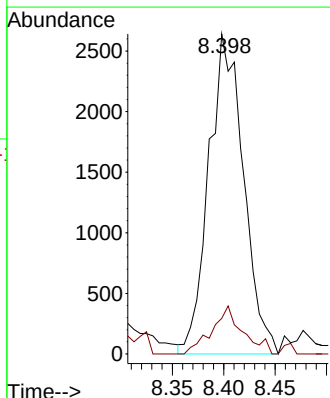
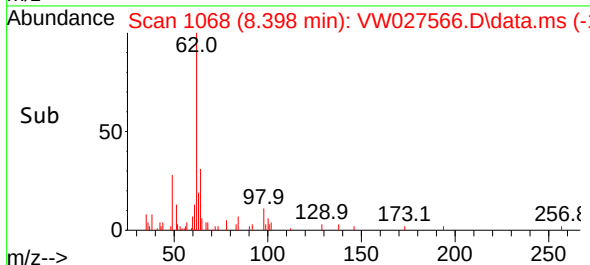
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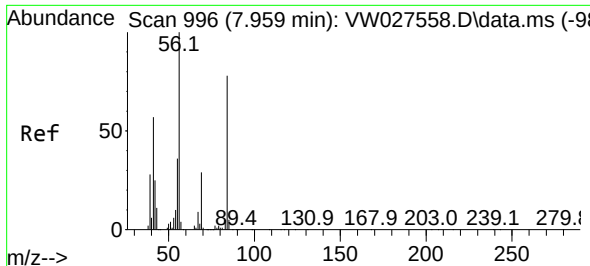


#27
1,2-Dichloroethane
Concen: 1.193 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14



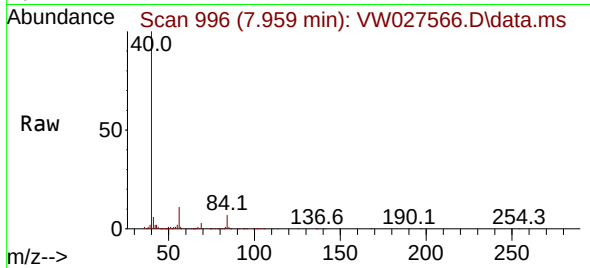
Tgt Ion: 62 Resp: 6204
Ion Ratio Lower Upper
62 100
98 11.1 7.4 11.0#





#29
Cyclohexane
Concen: 1.119 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

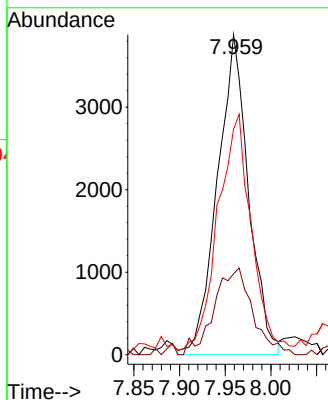
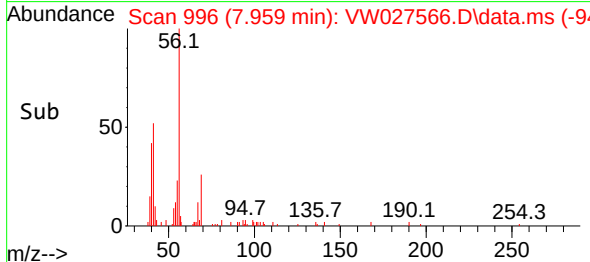
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2023-07



Tgt Ion:	56	Resp:	919
Ion Ratio	100	Lower	Upper
56	100		
69	32.2	24.1	36.1
84	78.5	65.0	97.4

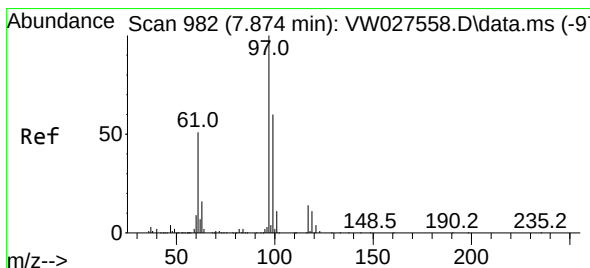
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Reviewed By :Semsettin
Yesilyurt

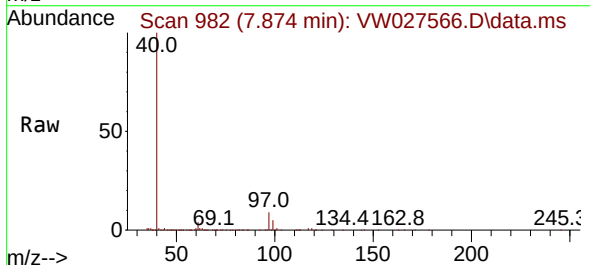


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Supervised By :Mahesh
Dadoda

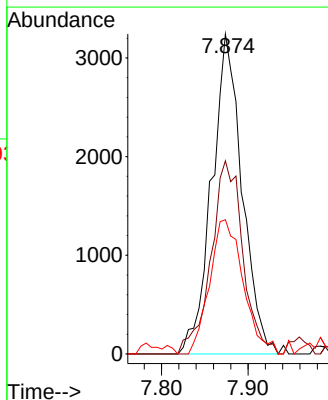
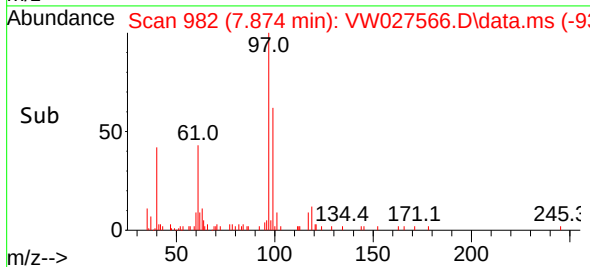
12/11/2023

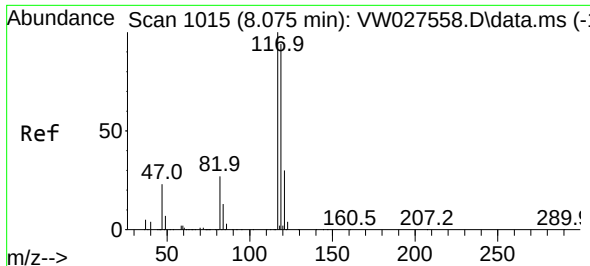


#30
1,1,1-Trichloroethane
Concen: 1.132 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14



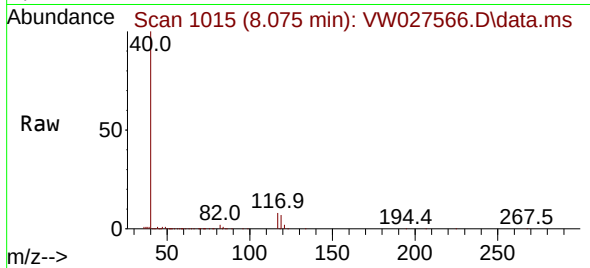
Tgt Ion:	97	Resp:	7889
Ion Ratio	100	Lower	Upper
97	100		
99	63.2	50.5	75.7
61	45.8	39.0	58.4





#31
Carbon tetrachloride
Concen: 1.147 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

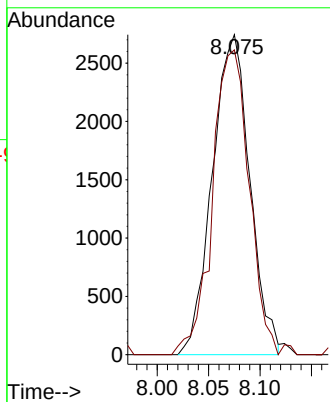
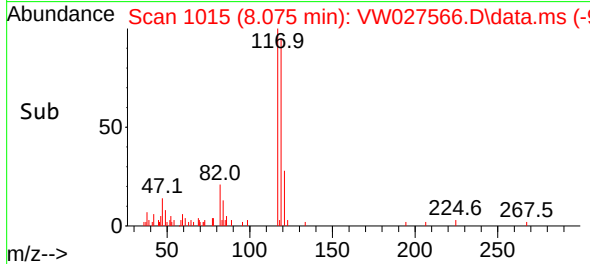
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2023-07



Tgt Ion:117 Resp: 696
Ion Ratio Lower Upper
117 100
119 92.8 77.0 115.6

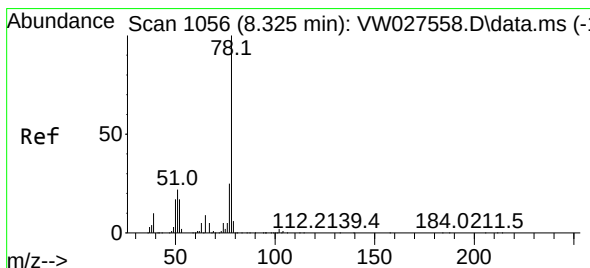
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Reviewed By :Semsettin
Yesilyurt



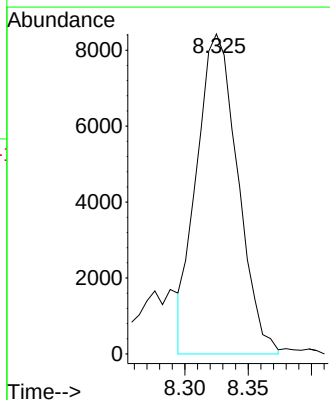
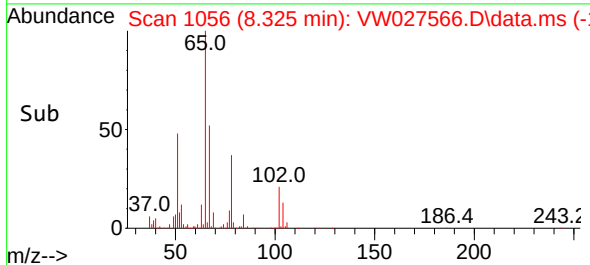
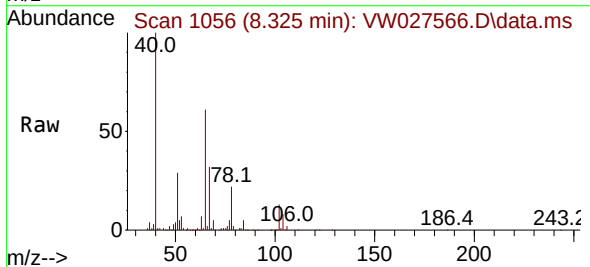
12/11/2023
Supervised By :Mahesh
Dadoda

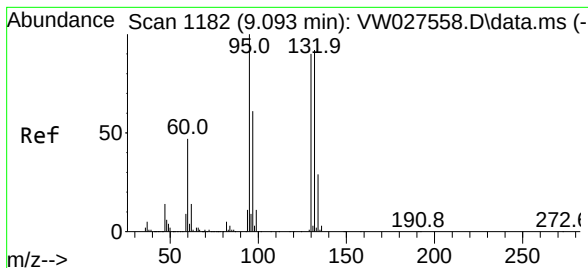
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#33
Benzene
Concen: 1.104 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

Tgt Ion: 78 Resp: 19035





#34

Trichloroethene

Concen: 1.176 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW027566.D

Acq: 06 Dec 2023 14:14

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2023-07

Tgt Ion: 95 Resp: 553

Ion Ratio Lower Upper

95 100

97 59.1 43.0 80.0

132 92.9 64.1 119.1

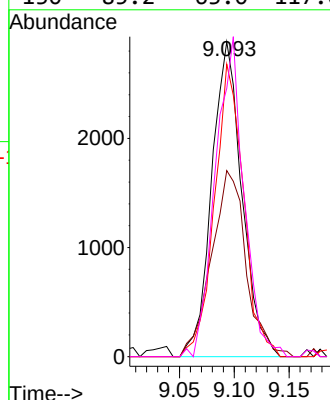
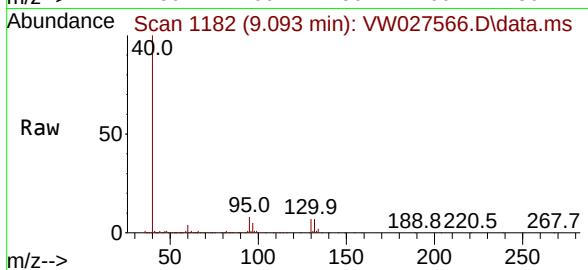
130 85.2 63.0 117.0

Manual Integrations

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Yesilyurt

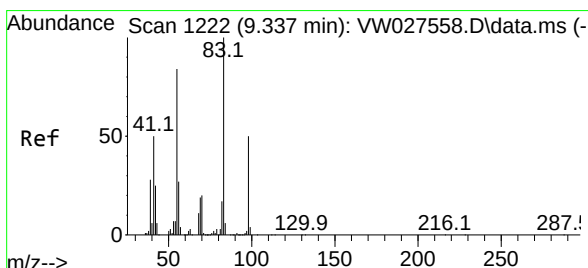
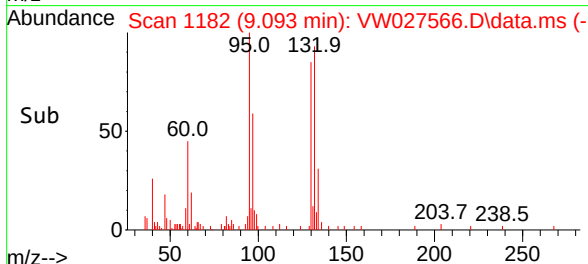


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#35

Methylcyclohexane

Concen: 1.142 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027566.D

Acq: 06 Dec 2023 14:14

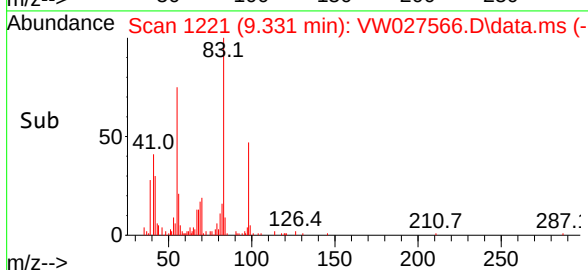
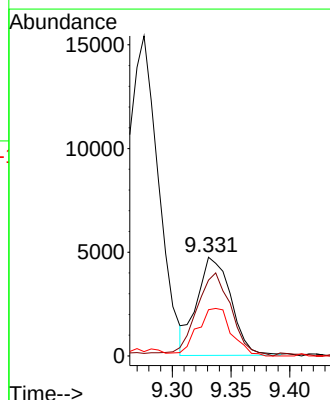
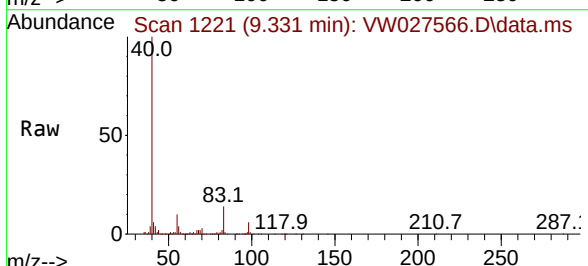
Tgt Ion: 83 Resp: 9574

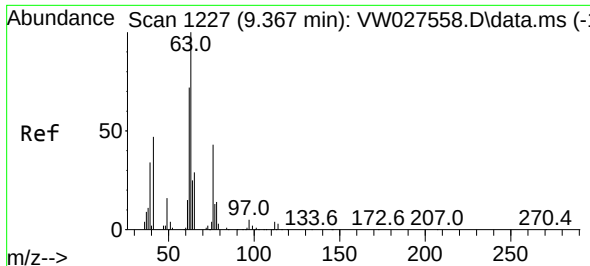
Ion Ratio Lower Upper

83 100

55 87.3 65.6 98.4

98 48.3 38.3 57.5





#37

1,2-Dichloropropane

Concen: 1.129 ug/L

RT: 9.367 min Scan# 112

Delta R.T. -0.000 min

Lab File: VW027566.D

Acq: 06 Dec 2023 14:14

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2023-07

Tgt Ion: 63 Resp: 513

Ion Ratio Lower Upper

63 100

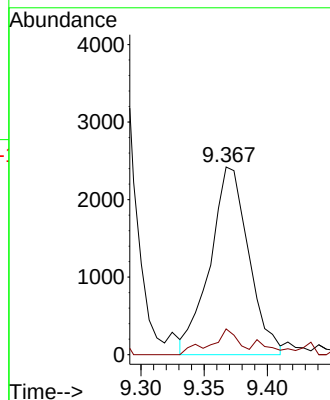
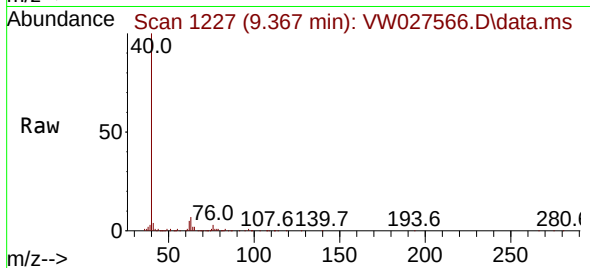
112 7.5 3.6 5.4

Manual Integrations

APPROVED

Reviewed By :Semsettin

Yesilyurt

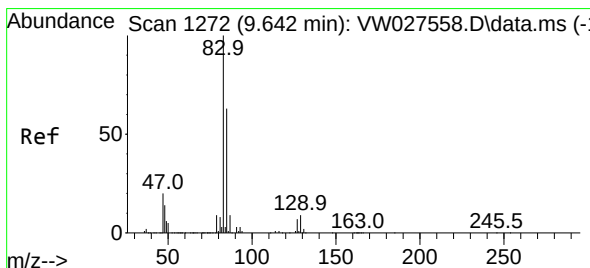
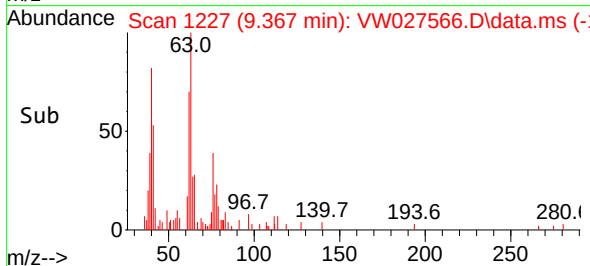


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Dadoda

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#38

Bromodichloromethane

Concen: 1.075 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027566.D

Acq: 06 Dec 2023 14:14

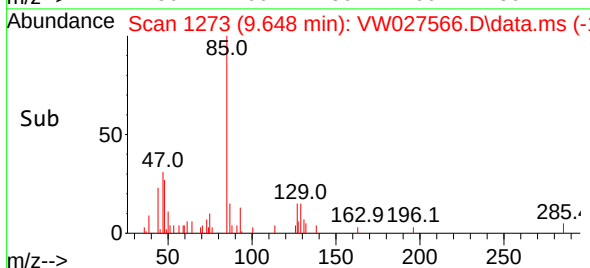
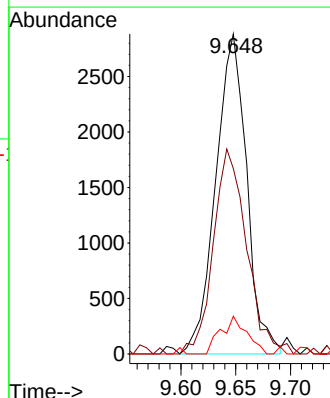
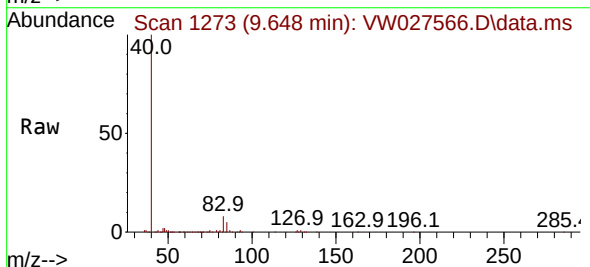
Tgt Ion: 83 Resp: 5660

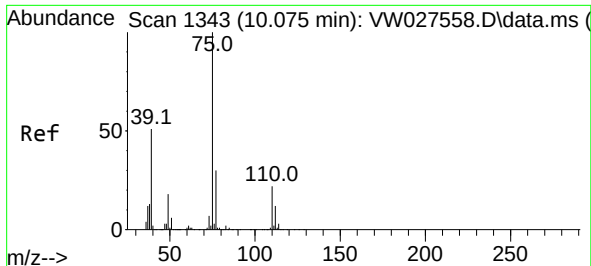
Ion Ratio Lower Upper

83 100

85 58.0 44.3 82.3

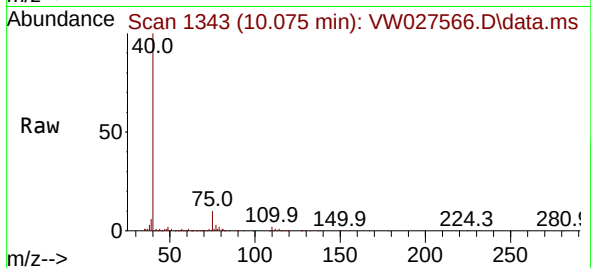
127 11.8 5.3 7.9





#39
cis-1,3-Dichloropropene
Concen: 1.036 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

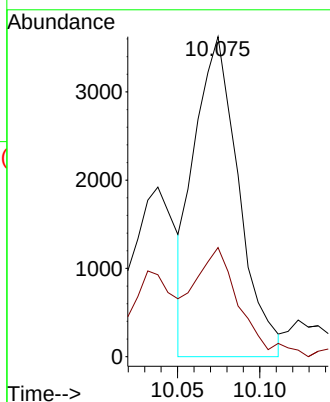
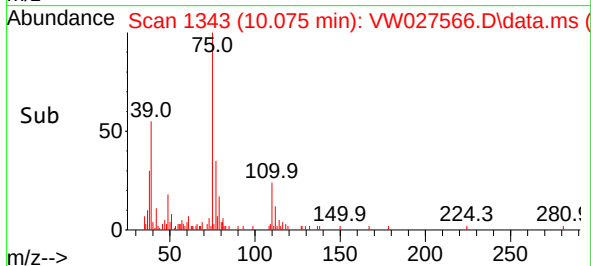
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2023-07



Tgt Ion: 75 Resp: 6810
Ion Ratio Lower Upper
75 100
77 34.1 21.1 39.1

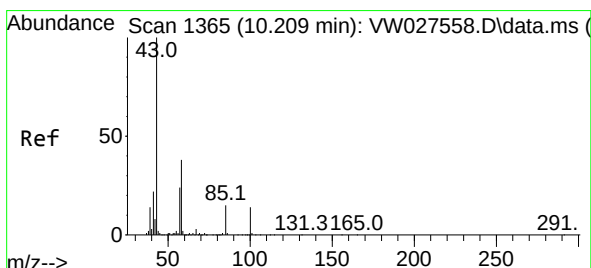
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APPROVED

Reviewed By :Semsettin
Yesilyurt



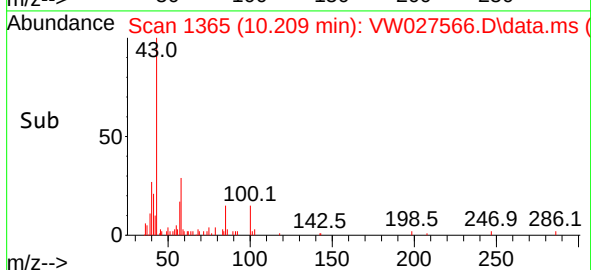
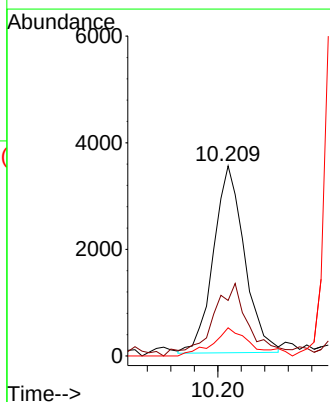
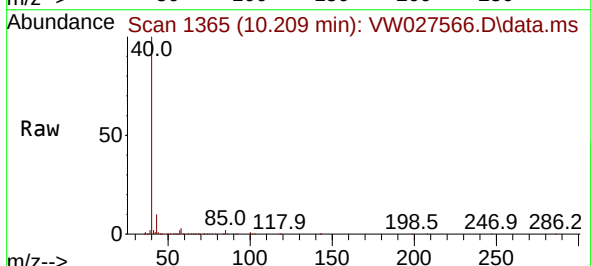
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Supervised By :Mahesh
Dadoda

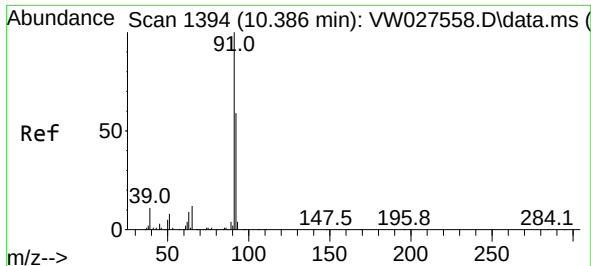
12/11/2023



#40
4-Methyl-2-pentanone
Concen: 2.085 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

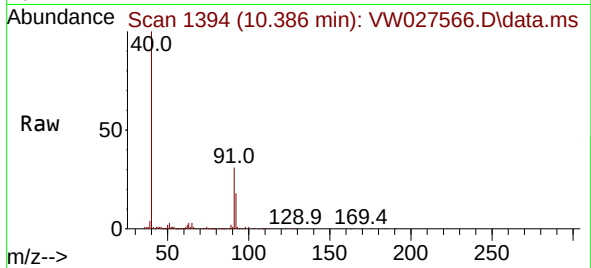
Tgt Ion: 43 Resp: 6417
Ion Ratio Lower Upper
43 100
58 40.7 29.6 44.4
100 16.5 11.1 16.7





#42
Toluene
Concen: 1.118 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

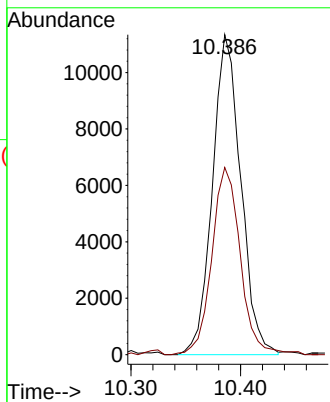
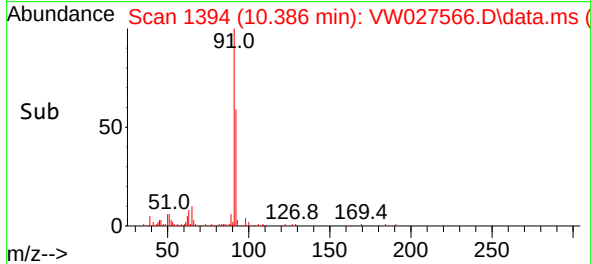
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2023-07



Tgt Ion: 91 Resp: 20386
Ion Ratio Lower Upper
91 100
92 58.5 41.4 76.8

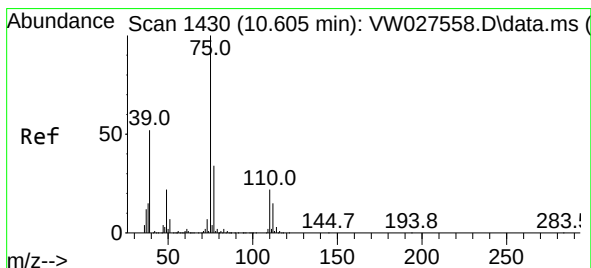
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Reviewed By :Semsettin
Yesilyurt

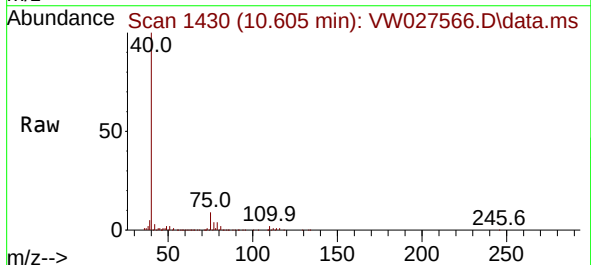


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Supervised By :Mahesh
Dadoda

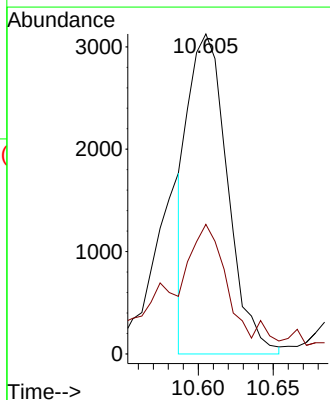
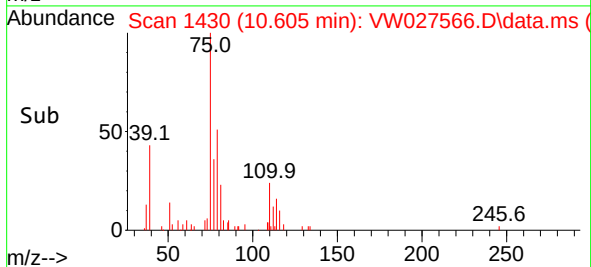
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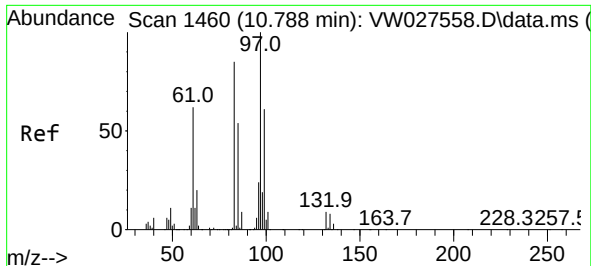


#44
trans-1,3-Dichloropropene
Concen: 1.082 ug/L m
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14



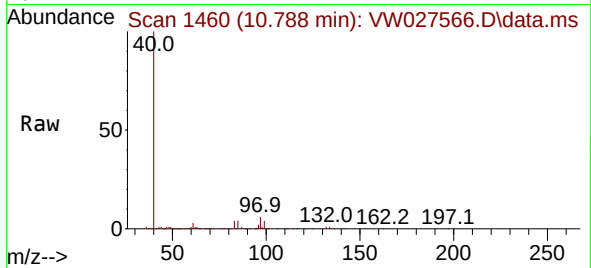
Tgt Ion: 75 Resp: 5738
Ion Ratio Lower Upper
75 100
77 40.5 23.7 44.1





#45
1,1,2-Trichloroethane
Concen: 1.136 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

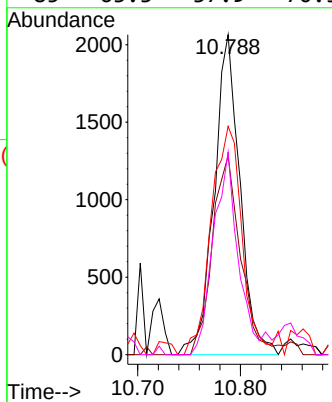
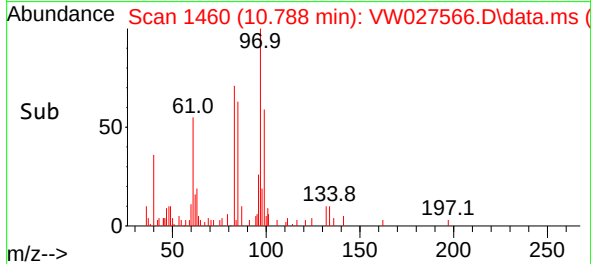
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2023-07



Tgt Ion:	97	Resp:	3600
Ion	Ratio	Lower	Upper
97	100		
99	62.1	42.8	79.4
83	71.3	59.9	111.3
85	63.3	37.9	70.5

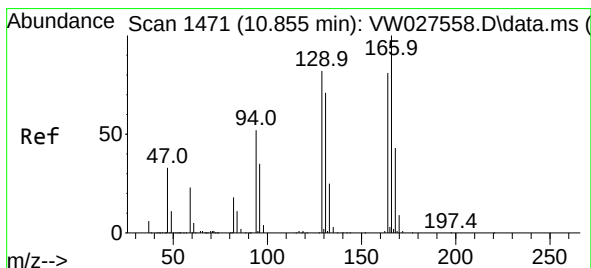
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Yesilyurt

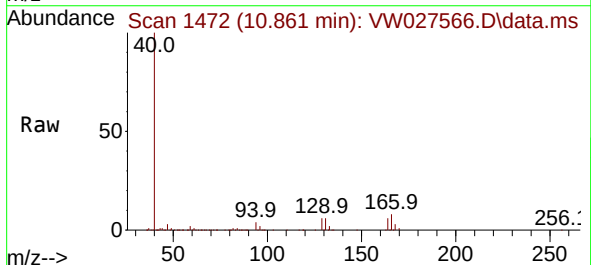


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Supervised By :Mahesh
Dadoda

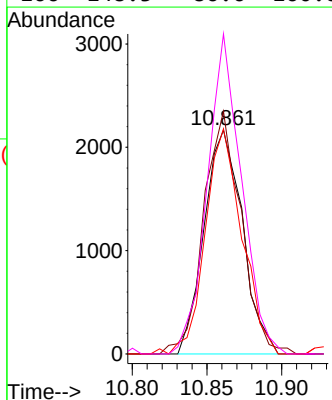
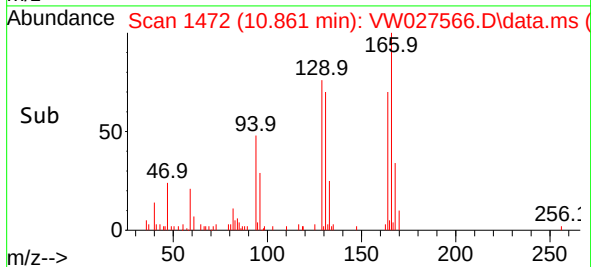
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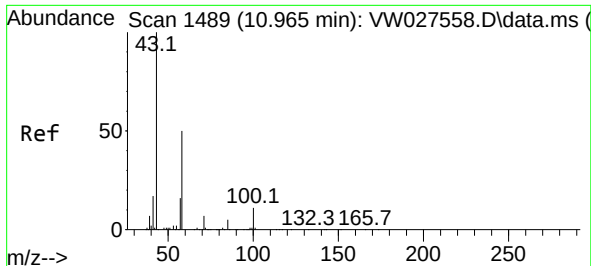


#46
Tetrachloroethene
Concen: 1.152 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14



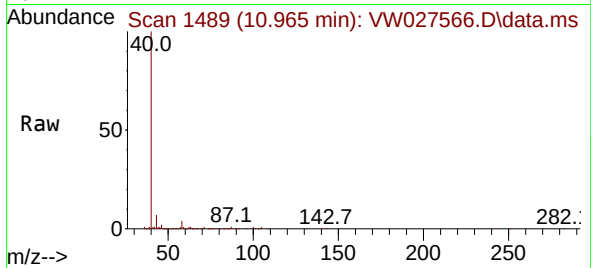
Tgt Ion:	164	Resp:	3869
Ion	Ratio	Lower	Upper
164	100		
129	108.4	71.0	131.8
131	100.6	61.2	113.6
166	148.3	86.6	160.8





#48
2-Hexanone
Concen: 2.139 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

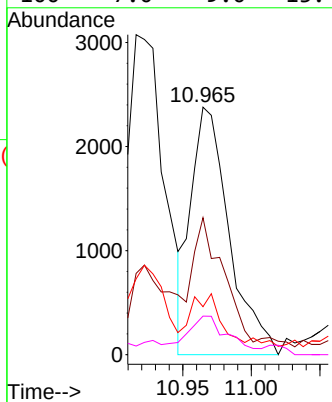
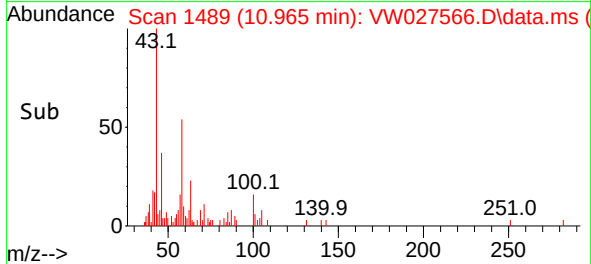
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2023-07



Tgt Ion: 43 Resp: 4639
Ion Ratio Lower Upper
43 100
58 42.1 40.8 61.2
57 17.8 14.8 22.2
100 7.0 9.0 13.4#

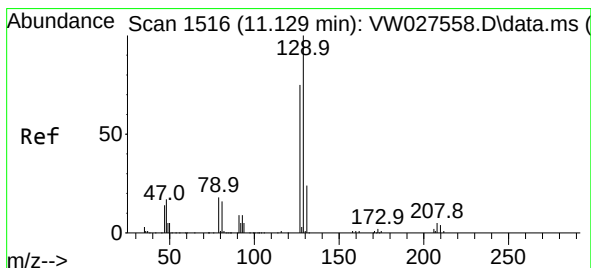
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



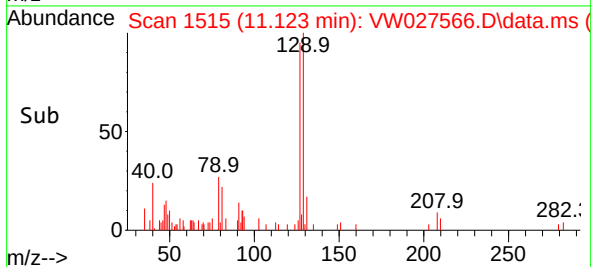
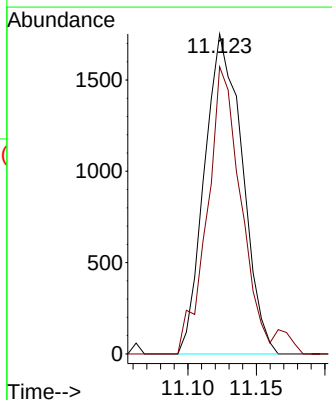
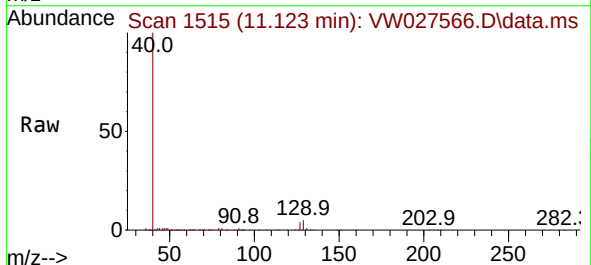
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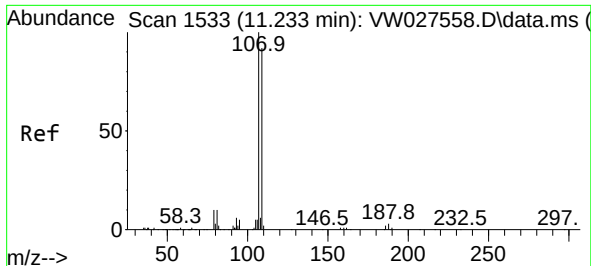
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#49
Dibromochloromethane
Concen: 1.072 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

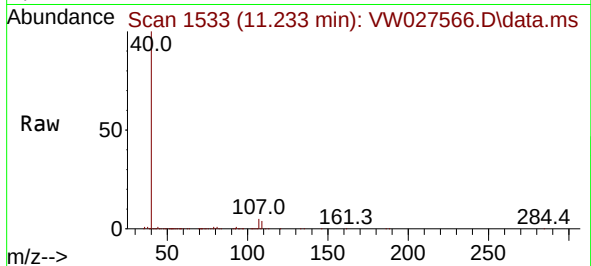
Tgt Ion:129 Resp: 3360
Ion Ratio Lower Upper
129 100
127 89.7 52.3 97.1





#50
1,2-Dibromoethane
Concen: 1.178 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

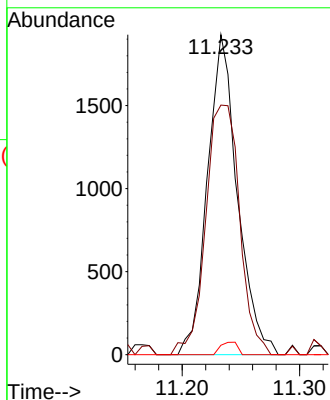
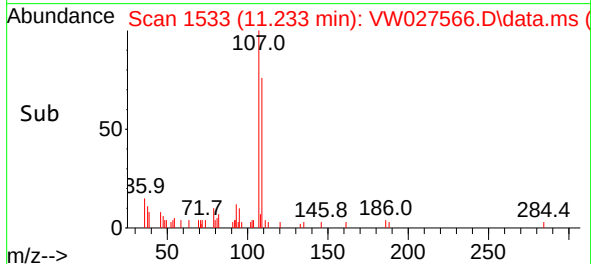
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2023-07



Tgt Ion:107 Resp: 341
Ion Ratio Lower Upper
107 100
109 78.0 64.8 120.3
188 3.0 2.7 4.1

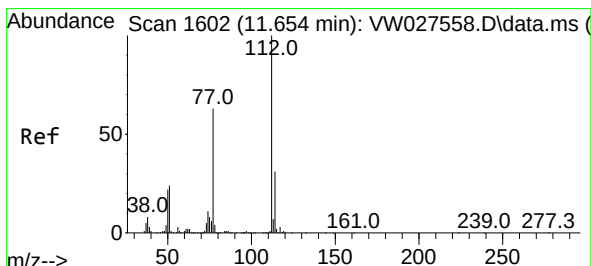
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



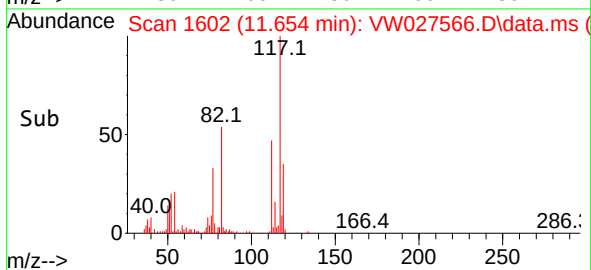
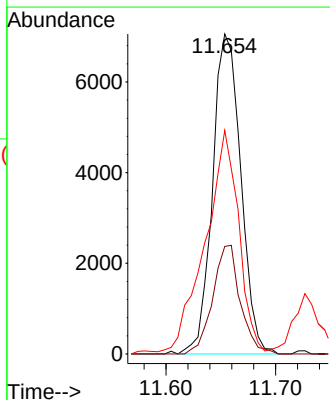
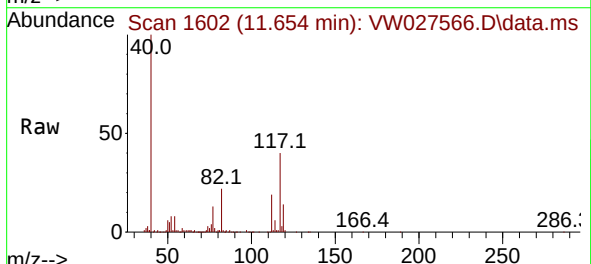
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Supervised By :Mahesh
Dadoda

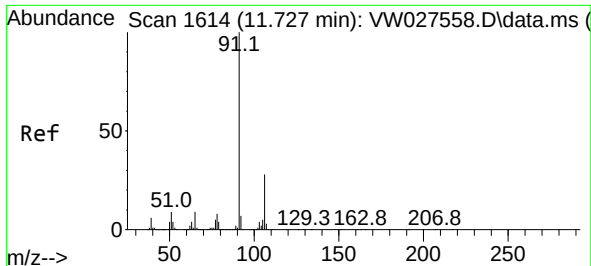
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#51
Chlorobenzene
Concen: 1.150 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

Tgt Ion:112 Resp: 12649
Ion Ratio Lower Upper
112 100
114 33.6 21.5 39.9
77 69.9 50.6 76.0





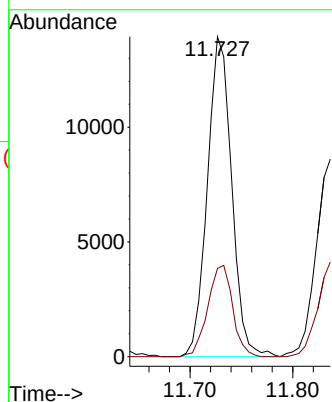
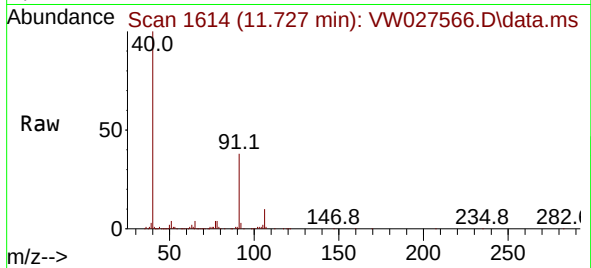
#52
Ethylbenzene
Concen: 1.104 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2023-07

Tgt Ion: 91 Resp: 2287
Ion Ratio Lower Upper
91 100
106 27.5 19.5 36.1

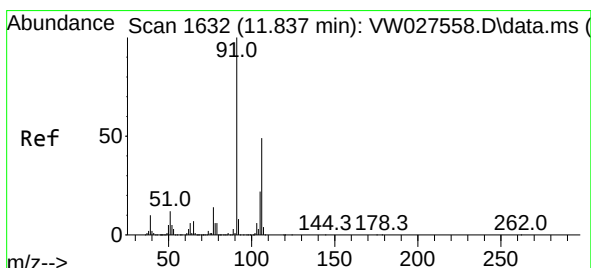
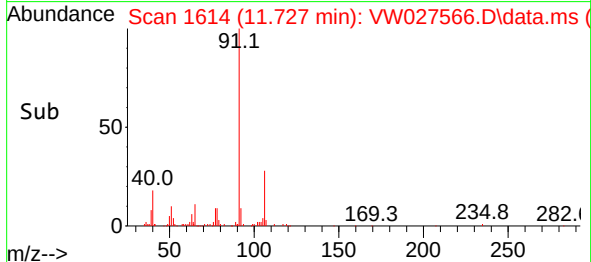
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Reviewed By :Semsettin
Yesilyurt



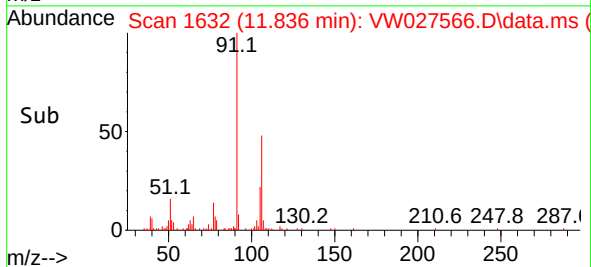
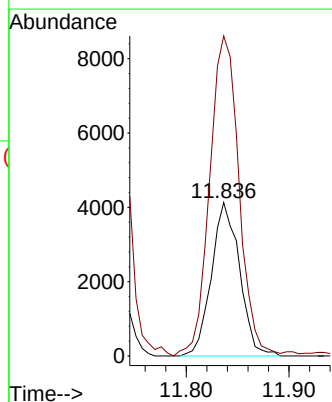
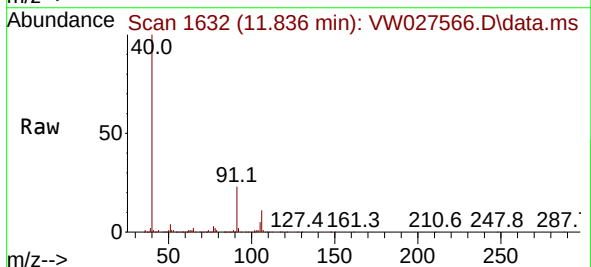
12/11/2023
Supervised By :Mahesh
Dadoda

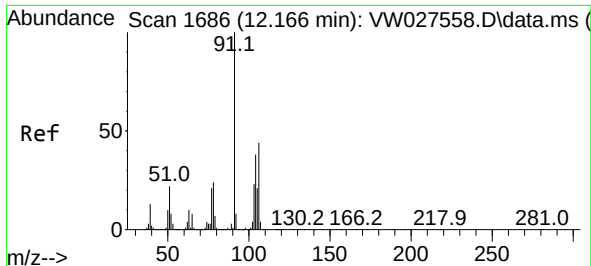
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#53
m,p-Xylene
Concen: 1.028 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

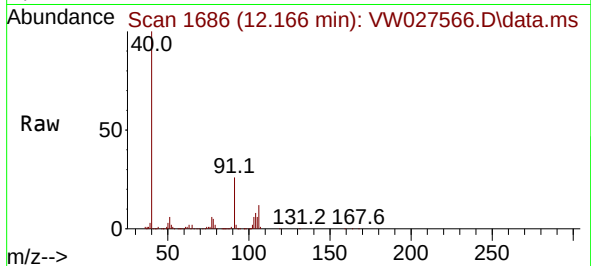
Tgt Ion:106 Resp: 7849
Ion Ratio Lower Upper
106 100
91 208.6 142.1 263.9





#54
o-Xylene
Concen: 1.046 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

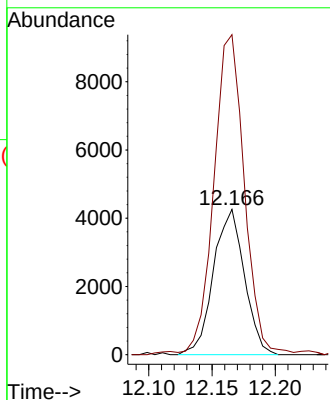
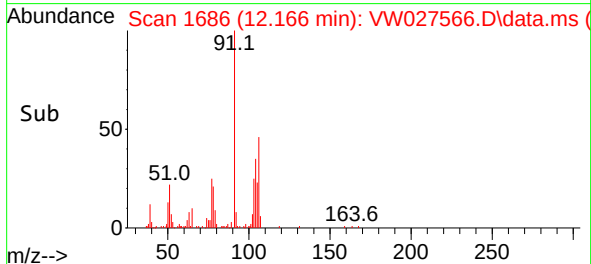
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion:106 Resp: 7254
Ion Ratio Lower Upper
106 100
91 220.3 158.8 295.0

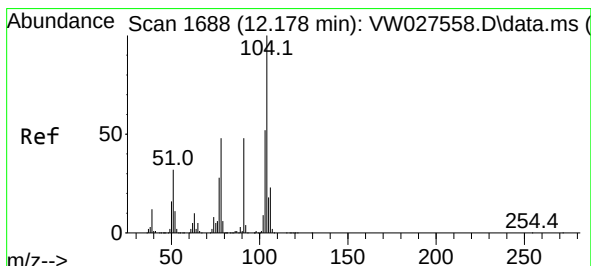
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Reviewed By :Semsettin
Yesilyurt

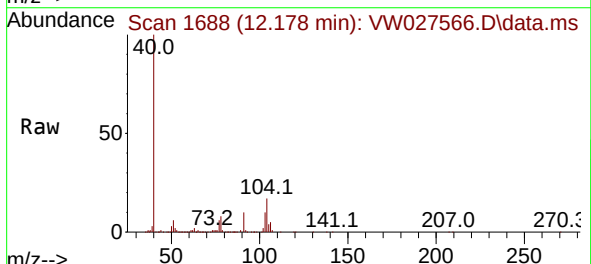


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Supervised By :Mahesh
Dadoda

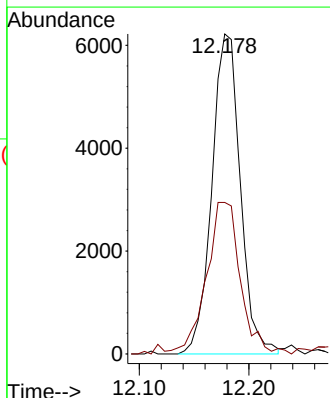
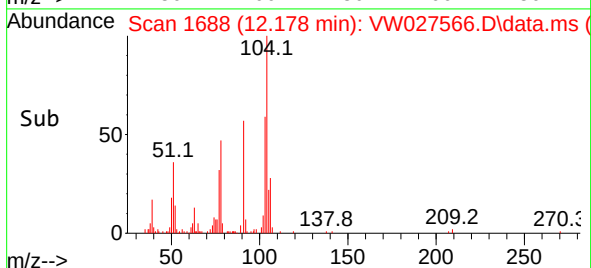
12/11/2023

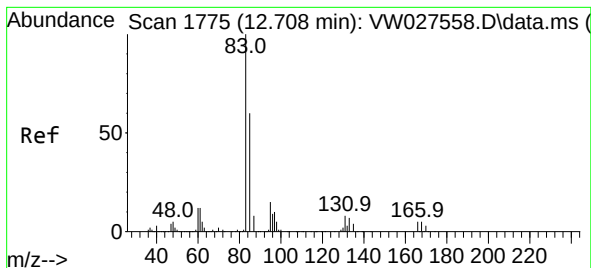


#55
Styrene
Concen: 0.949 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14



Tgt Ion:104 Resp: 11233
Ion Ratio Lower Upper
104 100
78 47.3 33.9 62.9





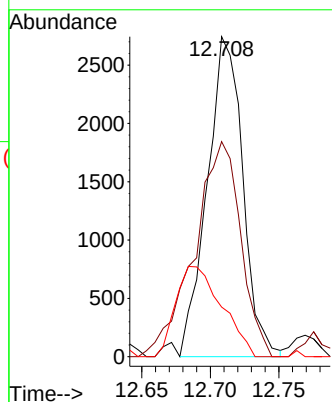
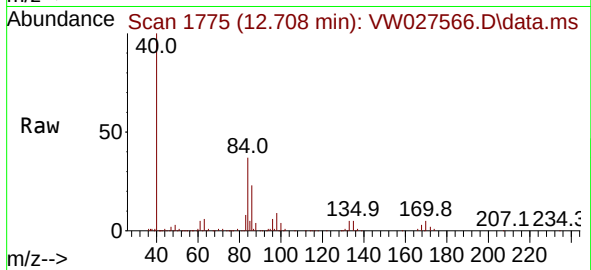
#57
1,1,2,2-Tetrachloroethane
Concen: 1.201 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2023-07

Tgt Ion: 83 Resp: 4958
Ion Ratio Lower Upper
83 100
85 67.2 41.9 77.7
131 15.5 7.0 10.6

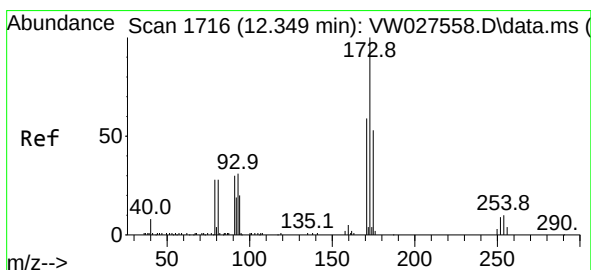
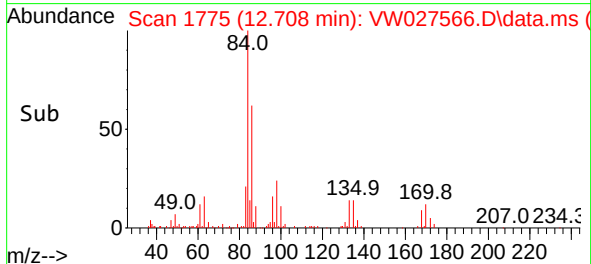
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



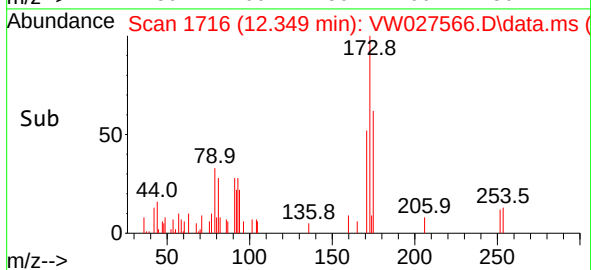
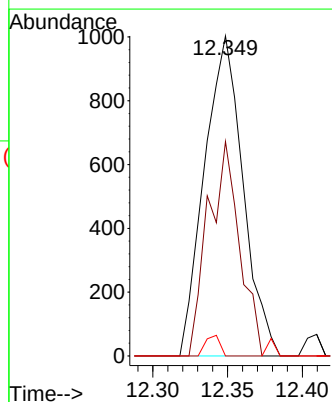
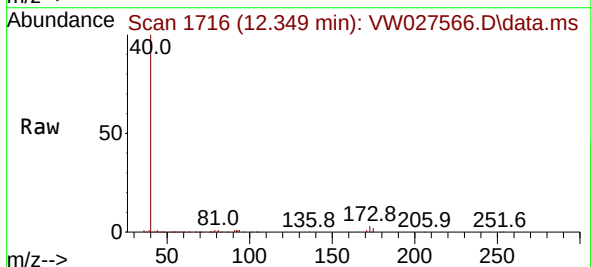
12/11/2023
Supervised By :Mahesh
Dadoda

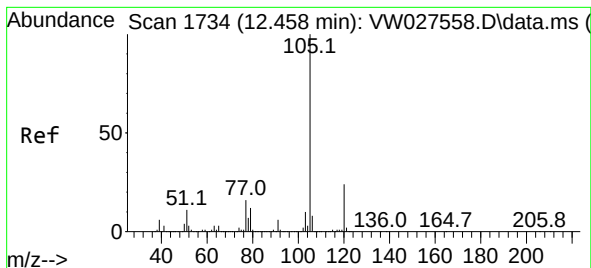
12/11/2023



#59
Bromoform
Concen: 1.070 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

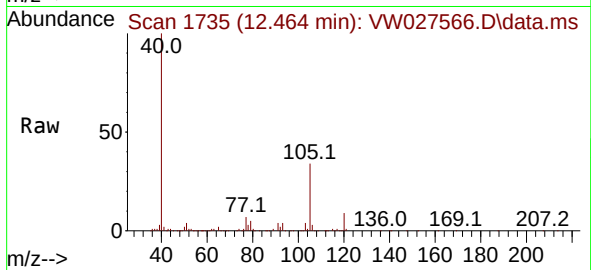
Tgt Ion:173 Resp: 1799
Ion Ratio Lower Upper
173 100
175 54.4 39.4 59.0
254 2.4 7.8 11.8





#60
Isopropylbenzene
Concen: 1.047 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

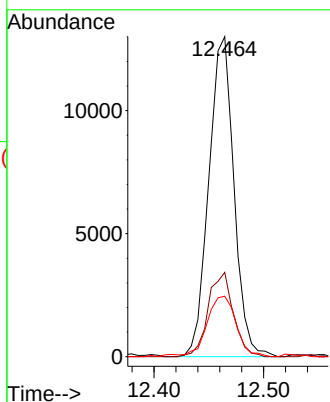
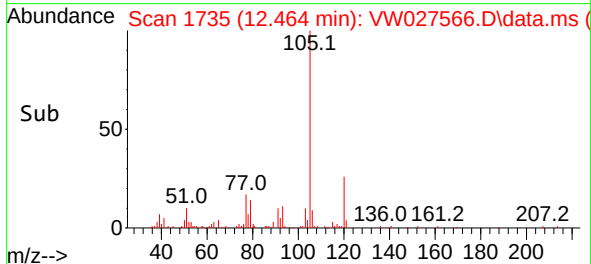
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2023-07



Tgt Ion:105 Resp: 20740
Ion Ratio Lower Upper
105 100
120 26.3 20.3 30.5
77 21.7 13.1 19.7

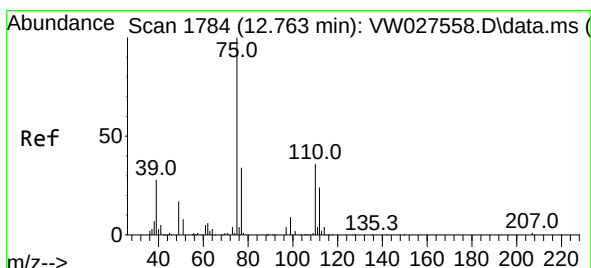
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

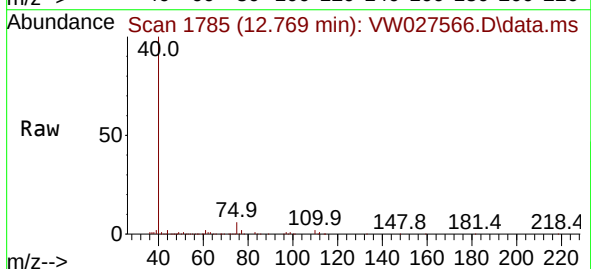


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Supervised By :Mahesh
Dadoda

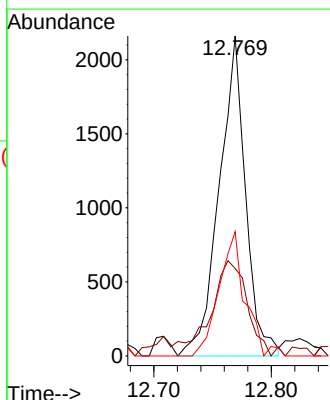
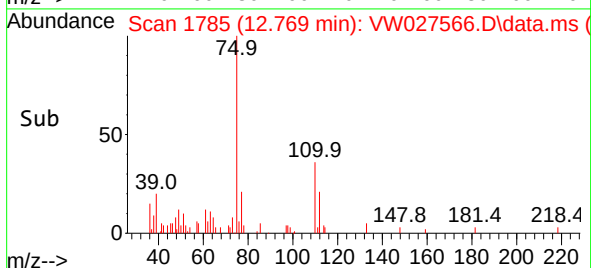
12/11/2023

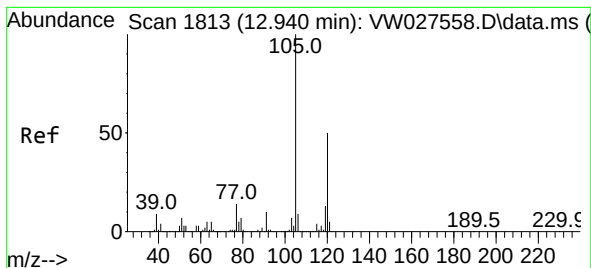


#61
1,2,3-Trichloropropane
Concen: 1.163 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14



Tgt Ion: 75 Resp: 3367
Ion Ratio Lower Upper
75 100
77 39.5 26.6 39.8
110 37.5 30.2 45.4





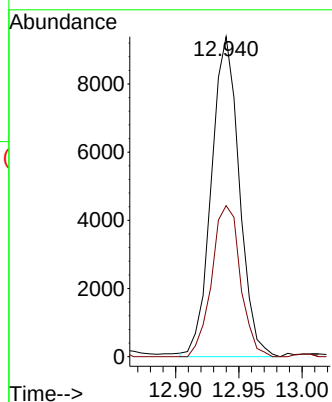
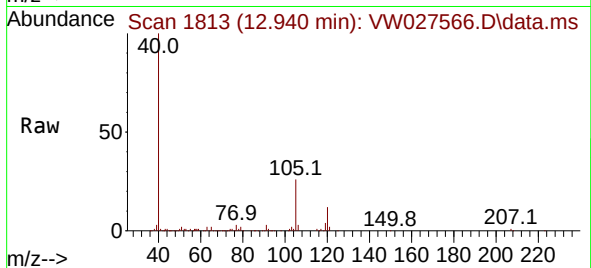
#62
1,3,5-Trimethylbenzene
Concen: 0.982 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2023-07

Tgt Ion:105 Resp: 14392
Ion Ratio Lower Upper
105 100
120 48.3 38.7 58.1

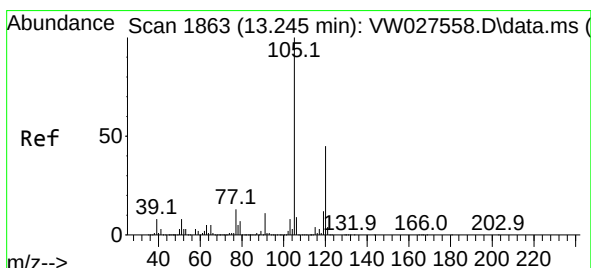
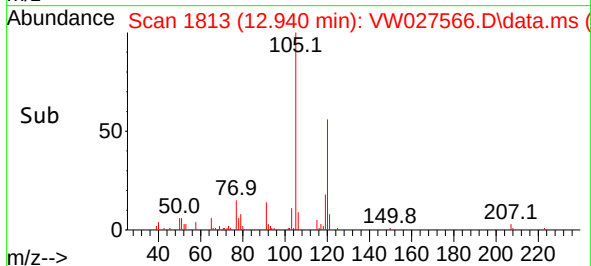
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



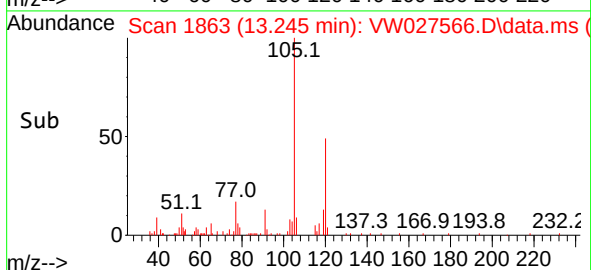
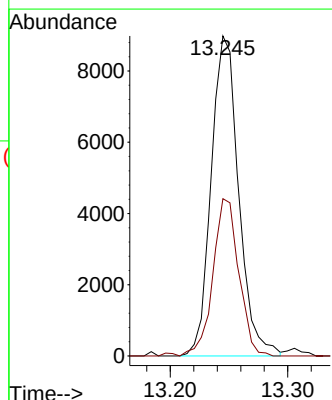
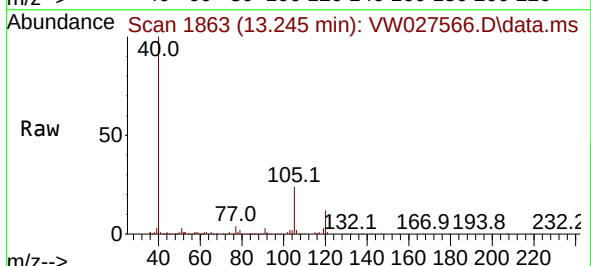
12/11/2023
Supervised By :Mahesh
Dadoda

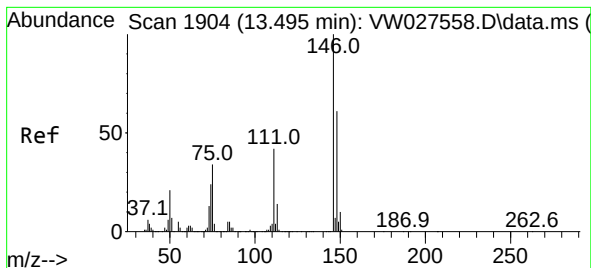
12/11/2023



#63
1,2,4-Trimethylbenzene
Concen: 1.002 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

Tgt Ion:105 Resp: 14623
Ion Ratio Lower Upper
105 100
120 46.1 36.9 55.3





#64

1,3-Dichlorobenzene

Concen: 1.069 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027566.D

Acq: 06 Dec 2023 14:14

Instrument :

MSVOA_W

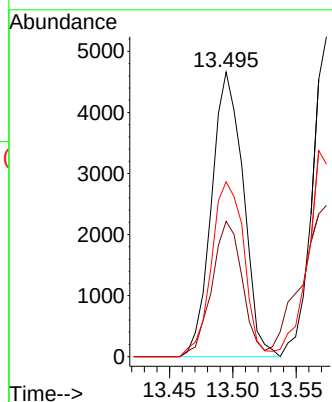
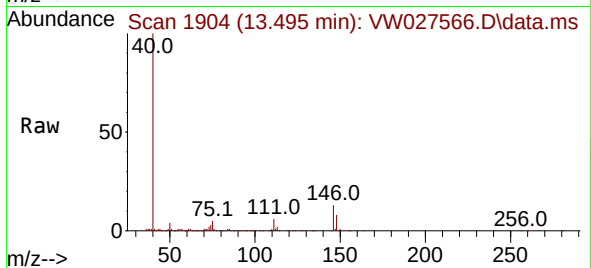
ClientSampleId :

MDL-SOIL-QT4-2023-07

Tgt Ion:146	Resp:	8110
Ion Ratio	Lower	Upper
146	100	
111	47.6	29.5 54.7
148	61.5	42.8 79.6

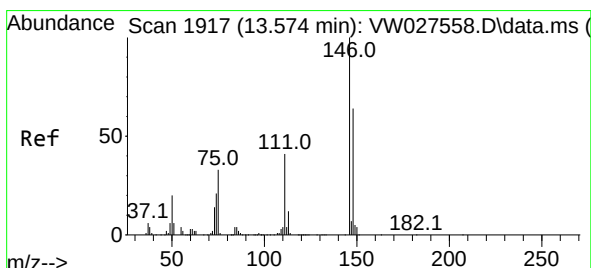
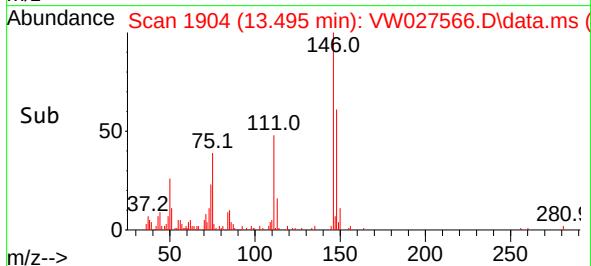
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



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Supervised By :Mahesh
Dadoda

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#65

1,4-Dichlorobenzene

Concen: 1.136 ug/L

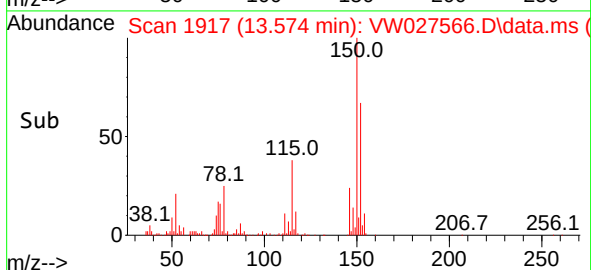
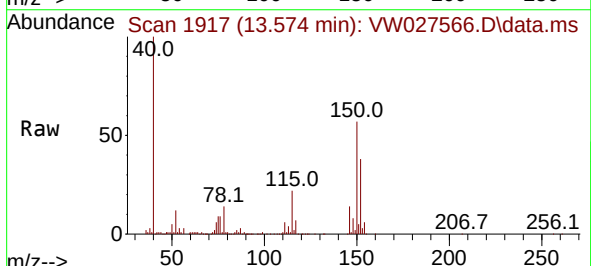
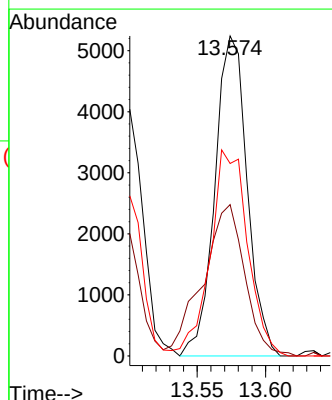
RT: 13.574 min Scan# 1917

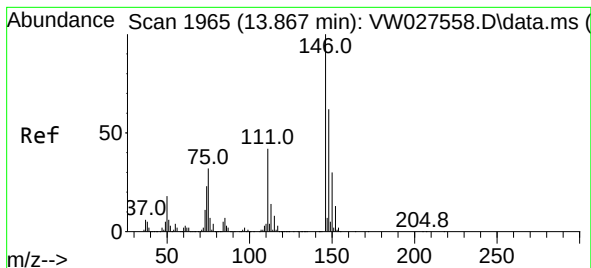
Delta R.T. -0.000 min

Lab File: VW027566.D

Acq: 06 Dec 2023 14:14

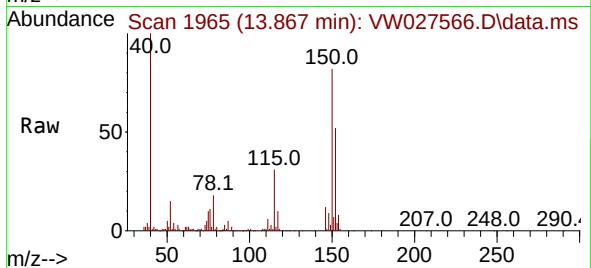
Tgt Ion:146	Resp:	8603
Ion Ratio	Lower	Upper
146	100	
111	47.3	28.9 53.7
148	60.1	44.9 83.5





#67
1,2-Dichlorobenzene
Concen: 1.077 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

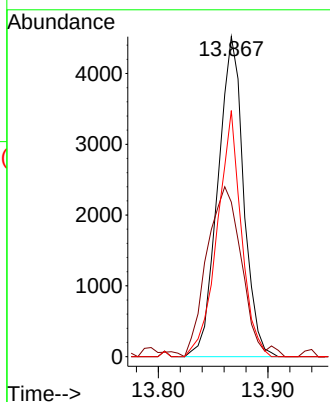
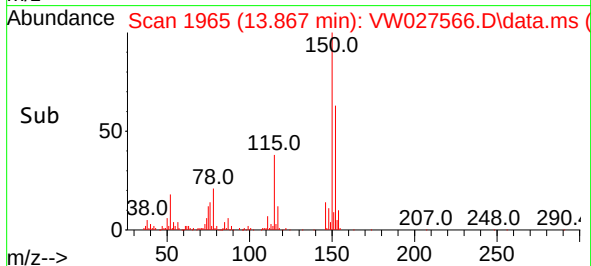
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2023-07



Tgt Ion:146 Resp: 736
Ion Ratio Lower Upper
146 100
111 48.3 33.9 50.9
148 76.9 49.5 74.3

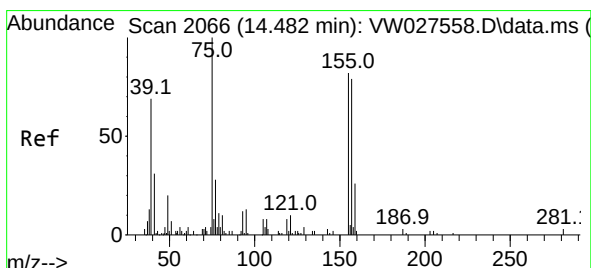
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

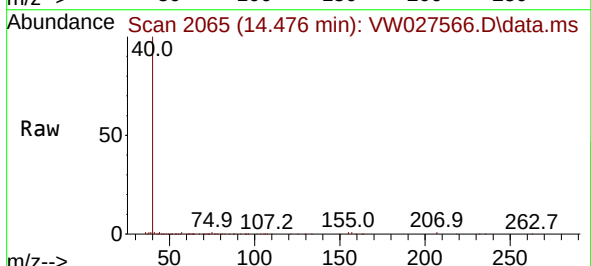


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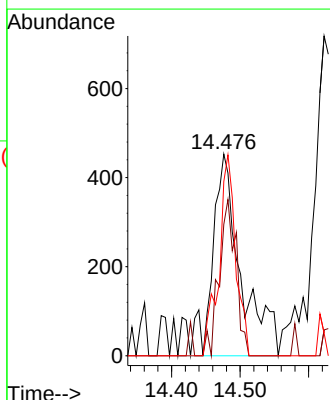
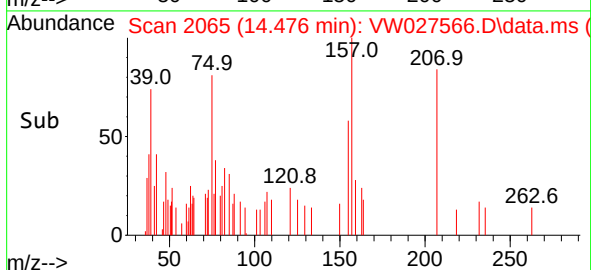
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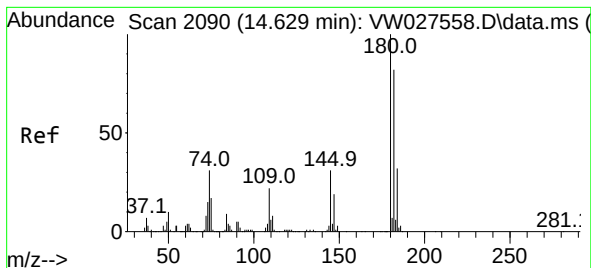


#68
1,2-Dibromo-3-chloropropane
Concen: 1.945 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14



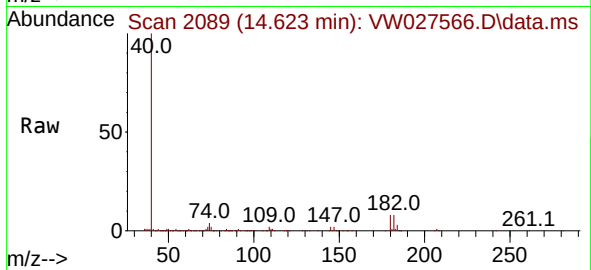
Tgt Ion: 75 Resp: 1354
Ion Ratio Lower Upper
75 100
155 65.1 65.8 98.8#
157 86.3 63.0 94.6





#69
1,3,5-Trichlorobenzene
Concen: 0.980 ug/L
RT: 14.623 min Scan# 2090
Delta R.T. -0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14

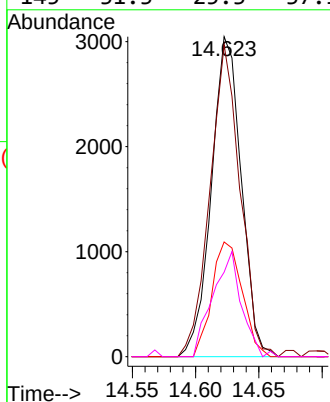
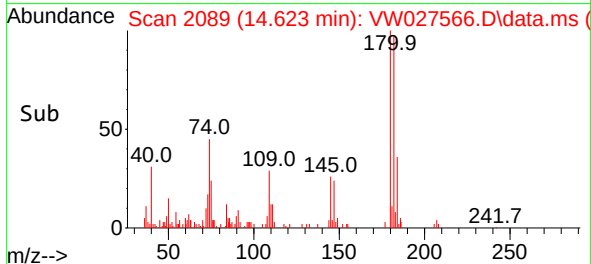
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2023-07



Tgt Ion:180 Resp: 500
Ion Ratio Lower Upper
180 100
182 98.2 73.2 109.8
184 36.4 25.4 38.2
145 31.3 25.3 37.9

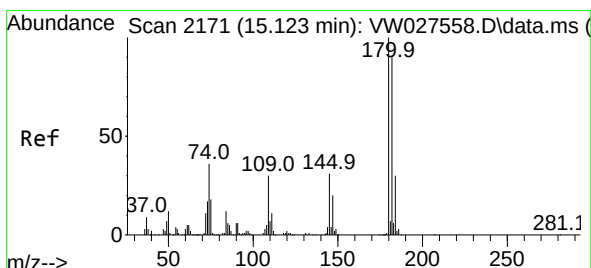
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Reviewed By :Semsettin
Yesilyurt

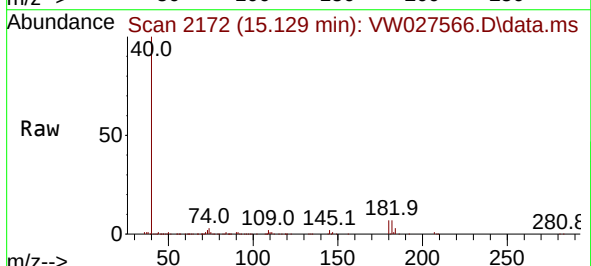


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Supervised By :Mahesh
Dadoda

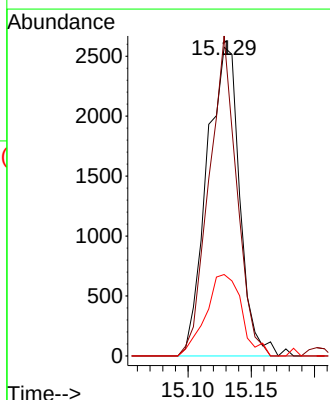
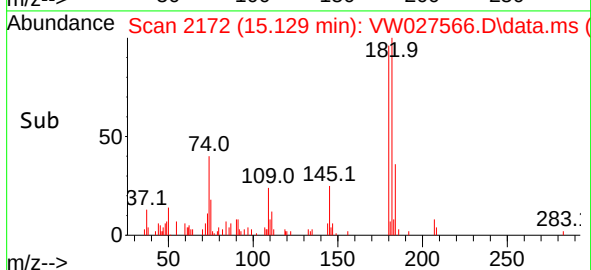
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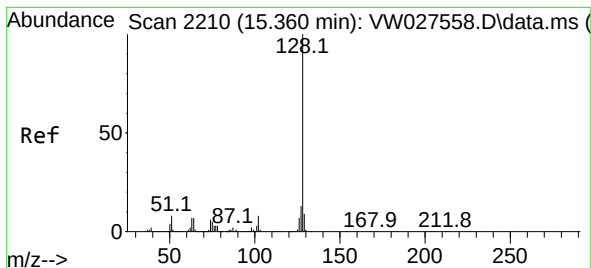


#70
1,2,4-trichlorobenzene
Concen: 1.171 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW027566.D
Acq: 06 Dec 2023 14:14



Tgt Ion:180 Resp: 4640
Ion Ratio Lower Upper
180 100
182 87.4 78.7 118.1
145 28.0 26.8 40.2





#71

Naphthalene

Concen: 1.056 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW027566.D

Acq: 06 Dec 2023 14:14

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2023-07

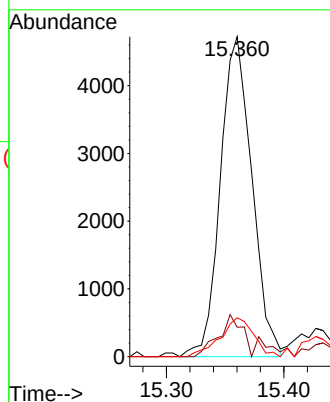
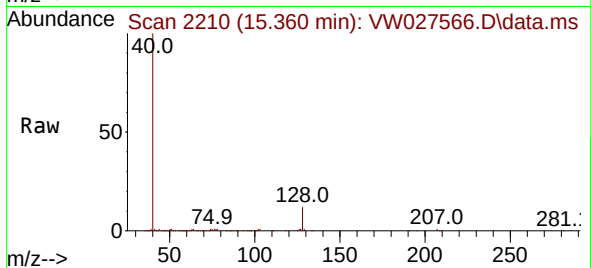
Tgt Ion:128 Resp: 8800

Ion	Ratio	Lower	Upper
128	100		
127	9.8	10.3	15.5
129	12.9	8.6	12.8

Manual Integrations

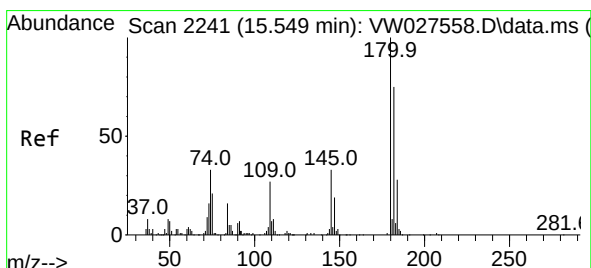
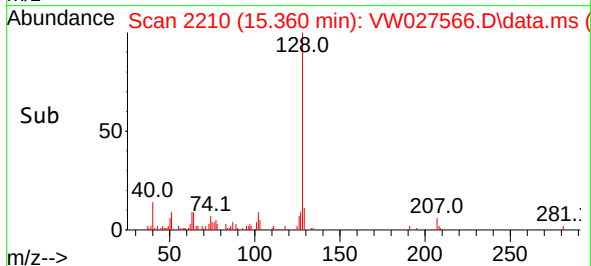
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Reviewed By :Semsettin
Yesilyurt



12/11/2023
Supervised By :Mahesh
Dadoda

12/11/2023



#72

1,2,3-Trichlorobenzene

Concen: 1.111 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW027566.D

Acq: 06 Dec 2023 14:14

Tgt Ion:180 Resp: 3771

Ion	Ratio	Lower	Upper
180	100		
182	85.8	72.4	108.6
145	36.1	27.4	41.0

