

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111124\
 Data File : VW030985.D
 Acq On : 11 Nov 2024 12:22
 Operator : SY/MD
 Sample : P4776-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Quant Time: Nov 12 00:27:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 12 00:19:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024
 Supervised By :Semsettin Yesilyurt 11/12/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	411332	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	379403	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	179881	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	126374	18.733	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.920%		
7) Chloroethane-d5	2.899	69	104749	20.245	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.000%		
11) 1,1-Dichloroethene-d2	4.021	65	59073	21.221	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.880%		
21) 2-Butanone-d5	7.075	46	62167	55.997	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.000%		
24) Chloroform-d	7.648	84	301231	24.841	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.360%		
26) 1,2-Dichloroethane-d4	8.301	65	153396	25.442	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.760%		
32) Benzene-d6	8.276	84	586961	24.903	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.600%		
36) 1,2-Dichloropropane-d6	9.270	67	178517	25.692	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.760%		
41) Toluene-d8	10.319	98	531354	25.133	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.520%		
43) trans-1,3-Dichloroprop...	10.575	79	67048	23.806	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.240%		
47) 2-Hexanone-d5	10.922	63	50819	56.433	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.860%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	136057	28.105	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.440%		
66) 1,2-Dichlorobenzene-d4	13.849	152	179841	27.447	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	109.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	4854m	1.108	ug/L	
3) Chloromethane	2.216	50	6139	1.040	ug/L	100
5) Vinyl chloride	2.375	62	7872	1.125	ug/L #	64
6) Bromomethane	2.790	94	4879	1.062	ug/L	96
8) Chloroethane	2.936	64	4745	1.119	ug/L	87
9) Trichlorofluoromethane	3.265	101	6985m	1.094	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	9173m	1.560	ug/L	
12) 1,1-Dichloroethene	4.039	96	8027	1.510	ug/L #	1
14) Carbon disulfide	4.387	76	20724	1.186	ug/L #	95
15) Methyl Acetate	4.686	43	2336m	1.175	ug/L	
17) trans-1,2-Dichloroethene	5.429	96	6807	1.167	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	8107	1.030	ug/L #	83
19) 1,1-Dichloroethane	6.216	63	13231	1.216	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	6948	1.123	ug/L	97
22) 2-Butanone	7.185	43	4590m	3.023	ug/L	
23) Bromochloromethane	7.514	128	3646	1.345	ug/L	88
25) Chloroform	7.673	83	14715	1.285	ug/L	93
27) 1,2-Dichloroethane	8.398	62	8644	1.212	ug/L #	92
29) Cyclohexane	7.959	56	8226	0.905	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.868	97	11409	1.171	ug/L	98
31) Carbon tetrachloride	8.063	117	9787	1.118	ug/L	99
33) Benzene	8.319	78	30178	1.234	ug/L	100
34) Trichloroethene	9.093	95	7642	1.133	ug/L	87
35) Methylcyclohexane	9.337	83	11035	1.032	ug/L	99
37) 1,2-Dichloropropane	9.368	63	7713	1.262	ug/L #	97
38) Bromodichloromethane	9.642	83	9321	1.161	ug/L	93
39) cis-1,3-Dichloropropene	10.075	75	10495	1.148	ug/L	88
40) 4-Methyl-2-pentanone	10.209	43	5900	2.111	ug/L	98
42) Toluene	10.386	91	31807	1.228	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	8738m	1.150	ug/L	
45) 1,1,2-Trichloroethane	10.788	97	5586	1.273	ug/L	85
46) Tetrachloroethene	10.861	164	6274	1.217	ug/L	90
48) 2-Hexanone	10.965	43	5222m	2.456	ug/L	
49) Dibromochloromethane	11.130	129	5860	1.225	ug/L	97
50) 1,2-Dibromoethane	11.239	107	5127	1.267	ug/L #	90
51) Chlorobenzene	11.654	112	20315	1.226	ug/L	96
52) Ethylbenzene	11.727	91	30583	1.045	ug/L	97
53) m,p-Xylene	11.837	106	11001	1.000	ug/L	92
54) o-Xylene	12.160	106	9395	0.928	ug/L	88
55) Styrene	12.178	104	15622	0.903	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.709	83	6679	1.395	ug/L #	90
59) Bromoform	12.349	173	3199	1.245	ug/L #	96
60) Isopropylbenzene	12.459	105	24734	0.901	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	4528	1.343	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	17806	0.824	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	17332	0.824	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	13980	1.160	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	15665	1.266	ug/L	88
67) 1,2-Dichlorobenzene	13.867	146	14844	1.382	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	930m	1.303	ug/L	
69) 1,3,5-Trichlorobenzene	14.623	180	9964	1.246	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	7029	1.107	ug/L	100
71) Naphthalene	15.360	128	9653	0.938	ug/L	96
72) 1,2,3-Trichlorobenzene	15.543	180	5815	1.063	ug/L	95

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

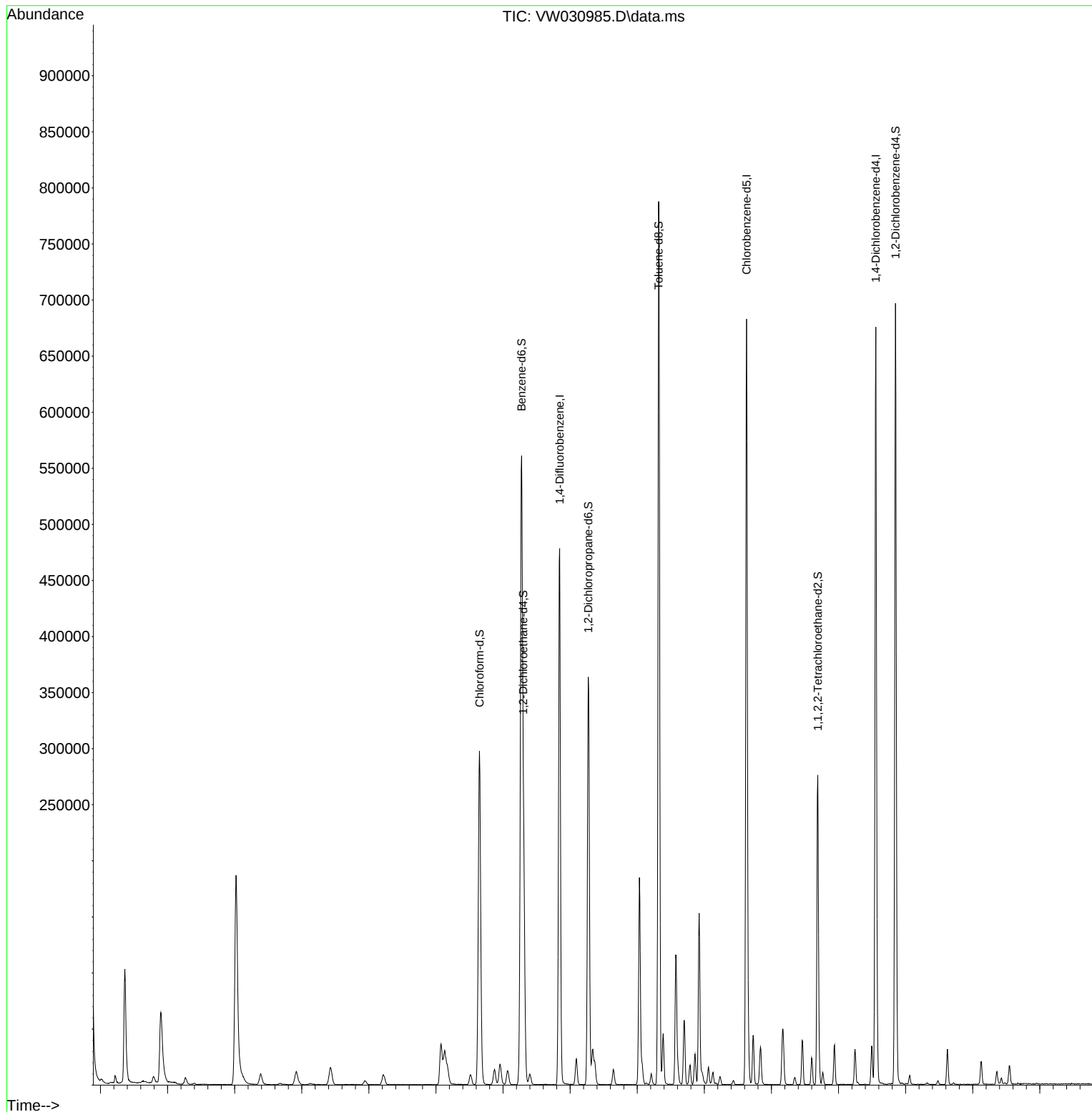
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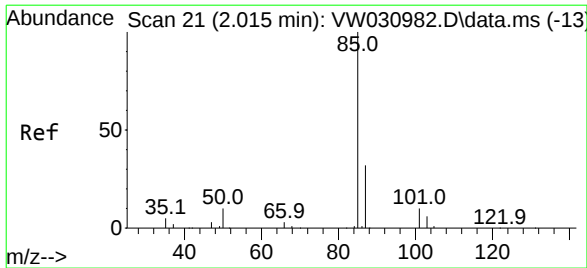
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ClientSampleId :
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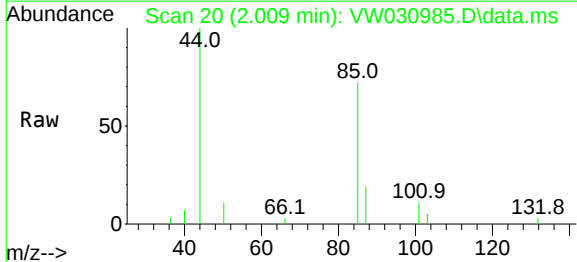
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024





#2
Dichlorodifluoromethane
Concen: 1.108 ug/L m
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

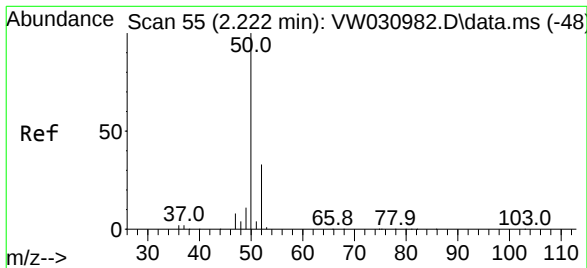
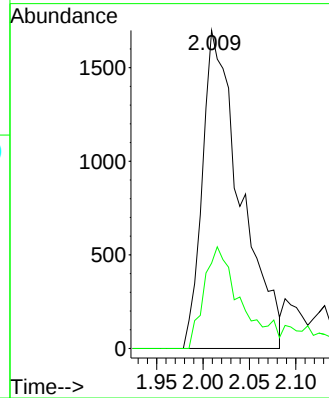
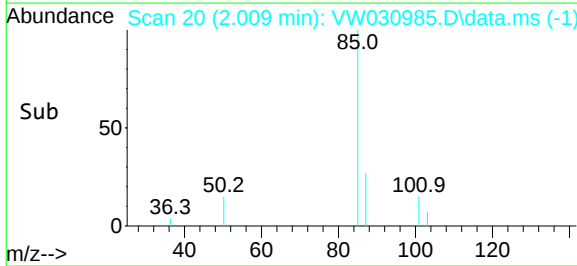
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2024-07



Tgt Ion: 85 Resp: 4854
Ion Ratio Lower Upper
85 100
87 28.6 24.2 36.4

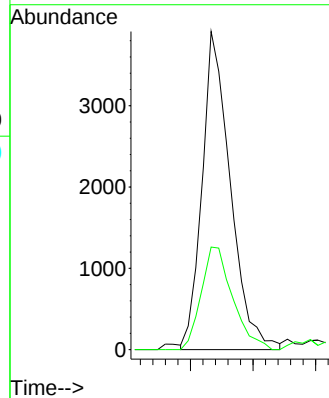
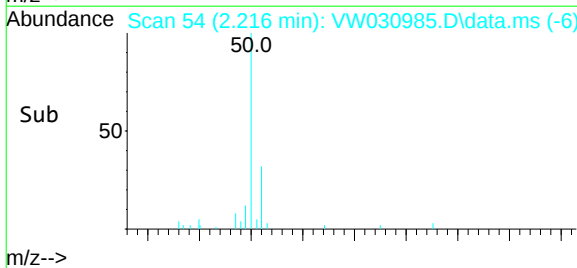
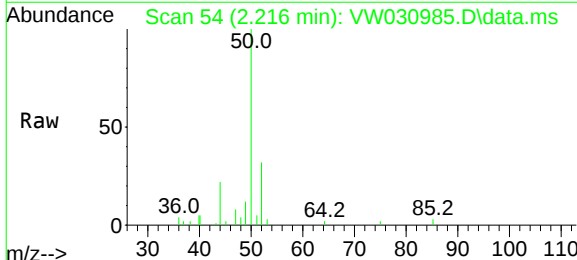
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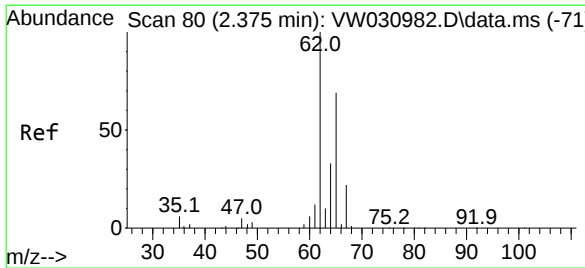
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#3
Chloromethane
Concen: 1.040 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion: 50 Resp: 6139
Ion Ratio Lower Upper
50 100
52 32.3 22.5 41.9





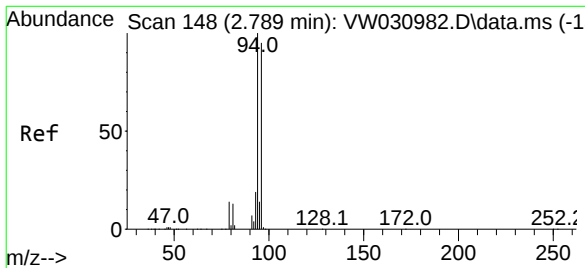
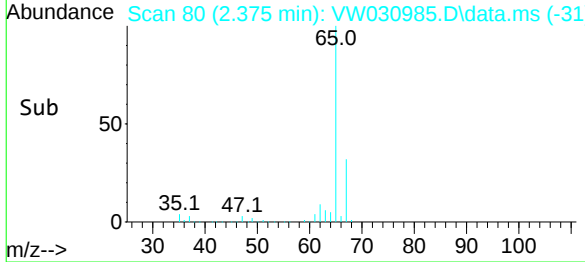
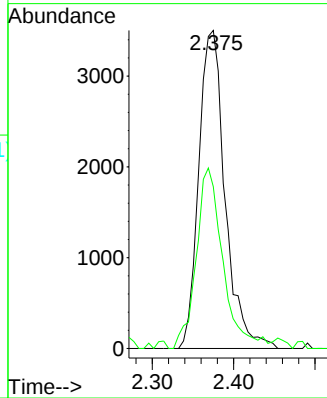
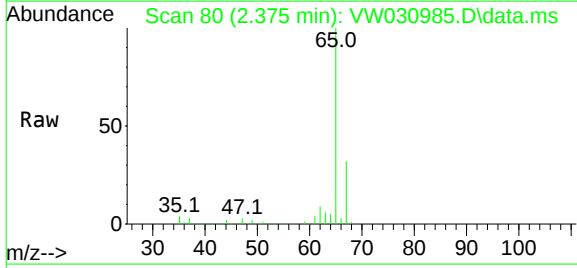
#5
 Vinyl chloride
 Concen: 1.125 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030985.D
 Acq: 11 Nov 2024 12:22

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Tgt Ion: 62 Resp: 7872
 Ion Ratio Lower Upper
 62 100
 64 50.9 21.7 40.3#

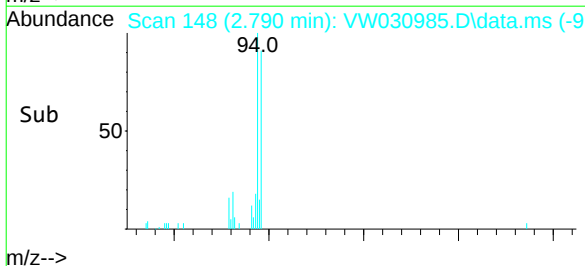
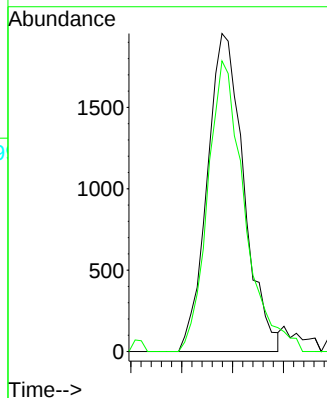
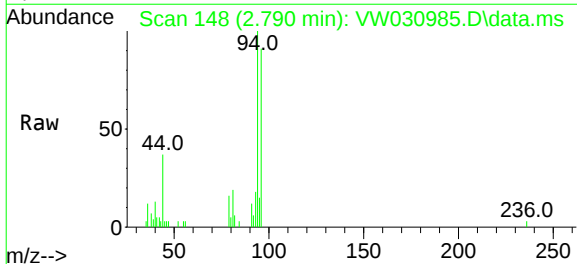
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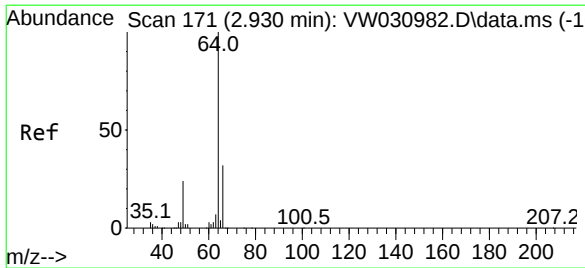
Reviewed By :Mahesh Dadoda 11/12/2024
 Supervised By :Semsettin Yesilyurt 11/12/2024



#6
 Bromomethane
 Concen: 1.062 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030985.D
 Acq: 11 Nov 2024 12:22

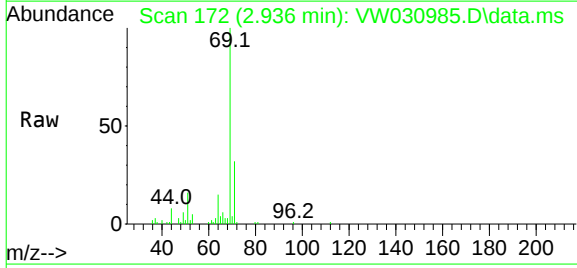
Tgt Ion: 94 Resp: 4879
 Ion Ratio Lower Upper
 94 100
 96 91.4 61.6 114.4





#8
Chloroethane
Concen: 1.119 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

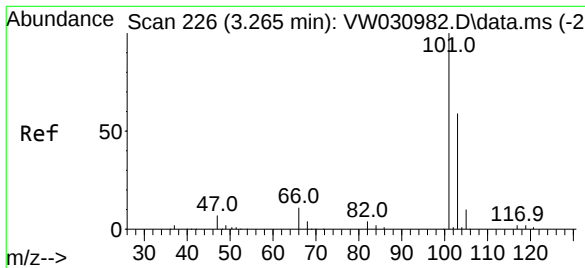
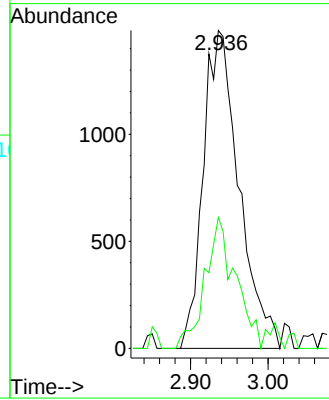
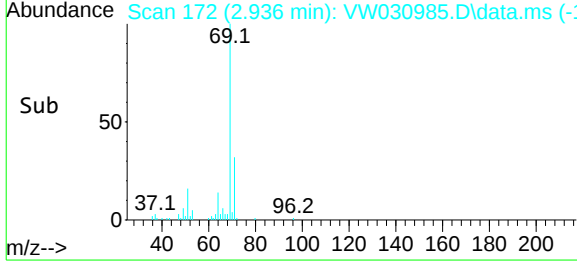
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 64 Resp: 4745
Ion Ratio Lower Upper
64 100
66 41.2 23.5 43.7

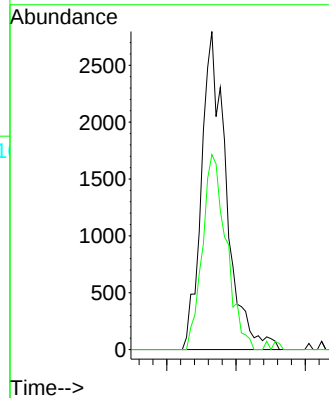
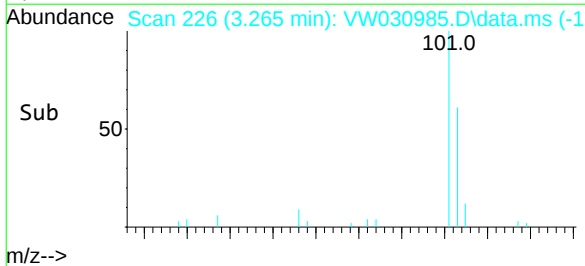
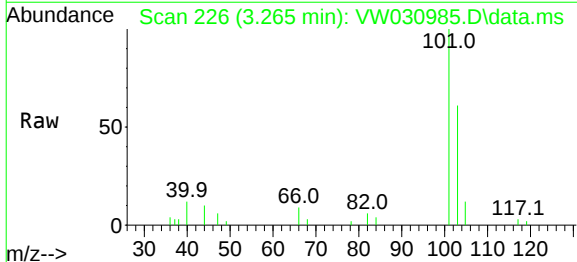
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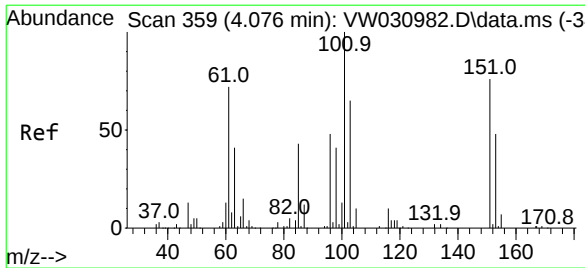
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#9
Trichlorofluoromethane
Concen: 1.094 ug/L m
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

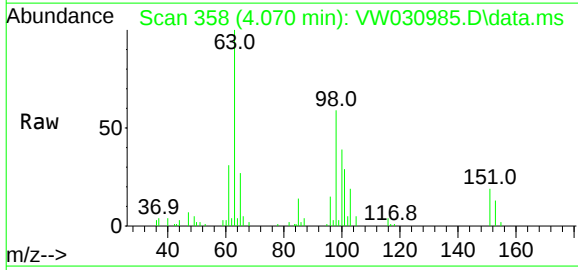
Tgt Ion:101 Resp: 6985
Ion Ratio Lower Upper
101 100
103 58.4 51.8 77.6





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.560 ug/L m
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

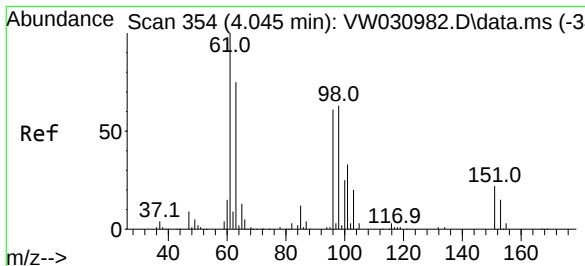
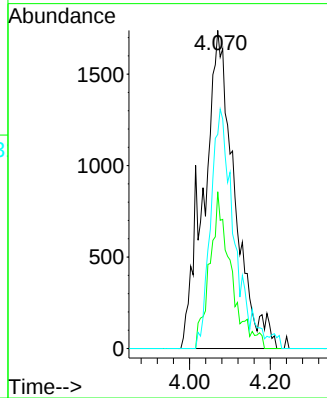
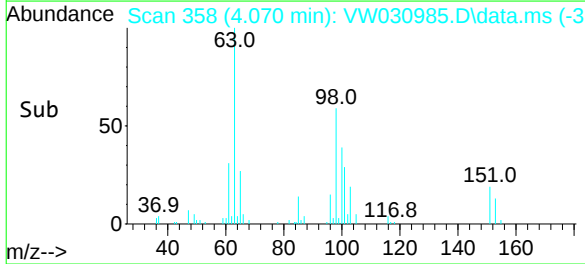
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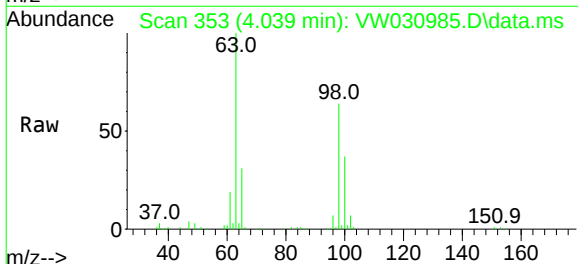
Tgt Ion: 101 Resp: 9173
Ion Ratio Lower Upper
101 100
85 22.4 32.9 49.3#
151 50.5 51.0 76.6#

Manual Integrations
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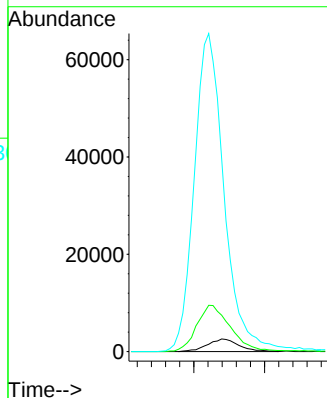
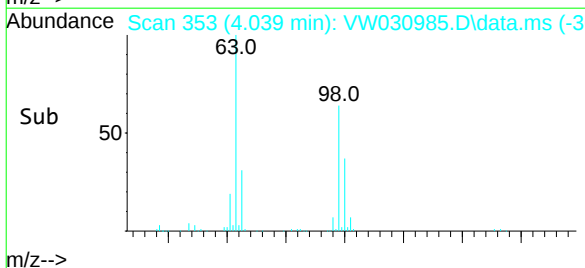
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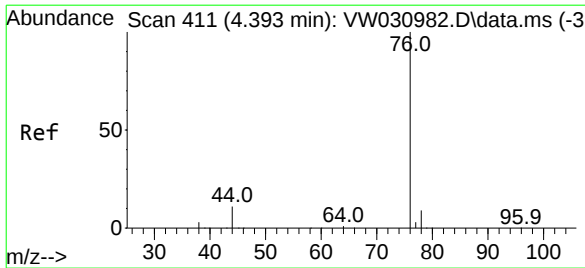


#12
1,1-Dichloroethene
Concen: 1.510 ug/L
RT: 4.039 min Scan# 353
Delta R.T. -0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22



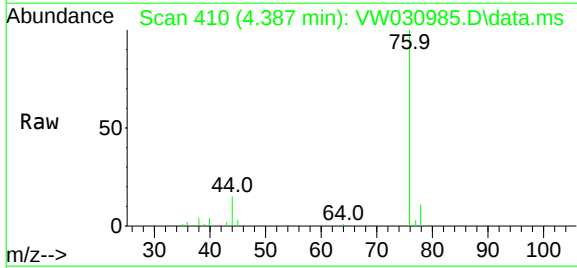
Tgt Ion: 96 Resp: 8027
Ion Ratio Lower Upper
96 100
61 287.5 118.9 220.7#
63 1521.5 97.8 181.6#





#14
Carbon disulfide
Concen: 1.186 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
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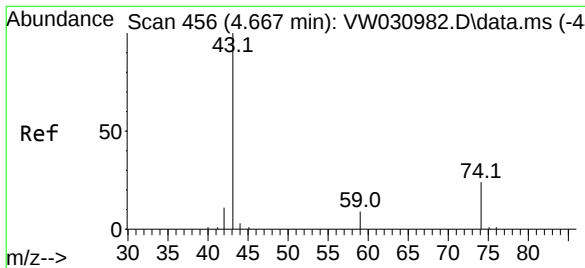
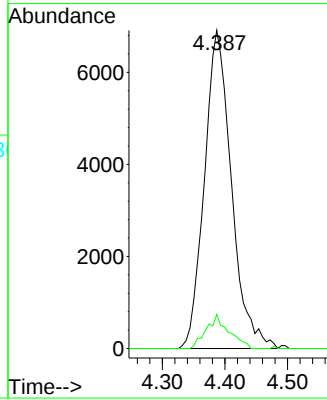
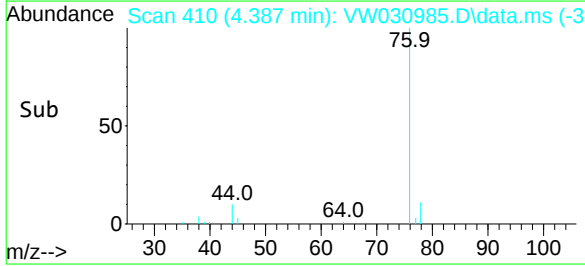
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Tgt Ion: 76 Resp: 20724
Ion Ratio Lower Upper
76 100
78 10.7 7.1 10.7#

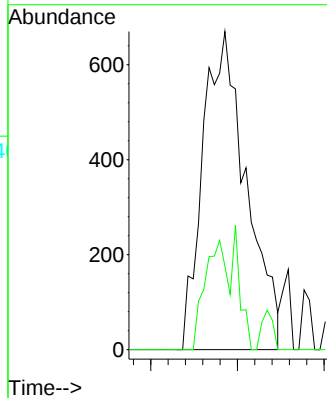
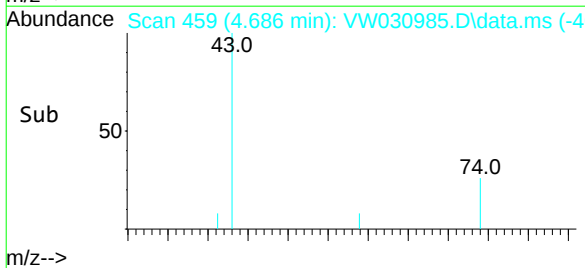
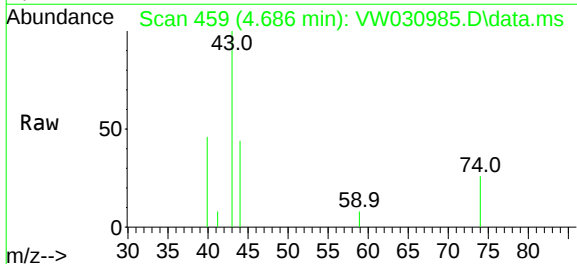
Manual Integrations
APPROVED

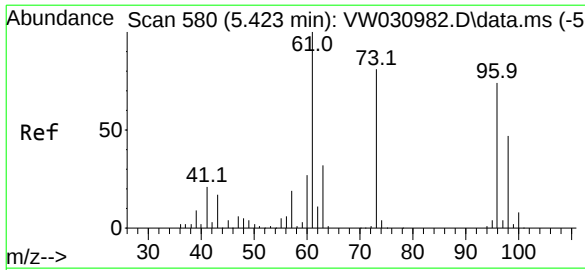
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#15
Methyl Acetate
Concen: 1.175 ug/L m
RT: 4.686 min Scan# 459
Delta R.T. 0.018 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

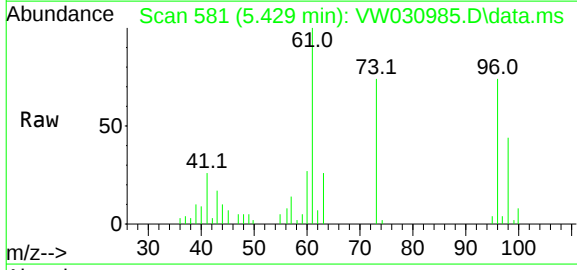
Tgt Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
74 17.9 20.2 30.2#





#17
trans-1,2-Dichloroethene
Concen: 1.167 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

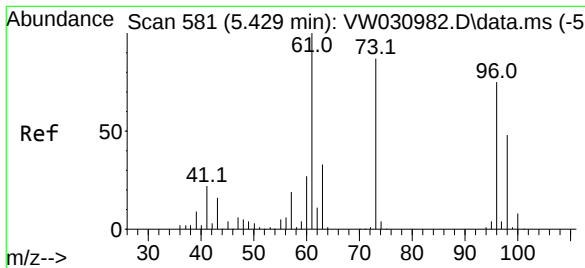
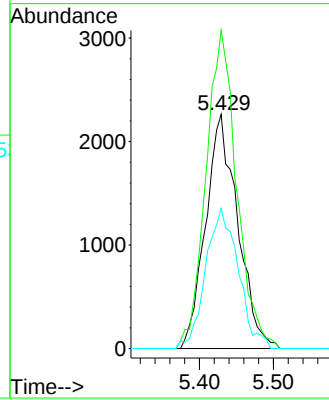
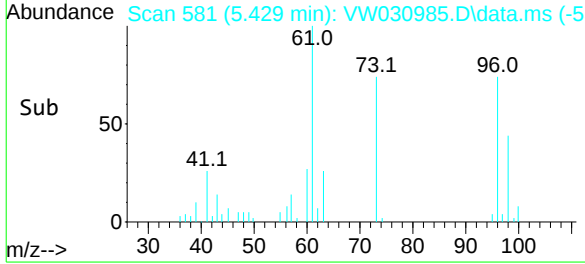
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 96 Resp: 6807
Ion Ratio Lower Upper
96 100
61 135.9 95.2 176.8
98 59.9 42.6 79.2

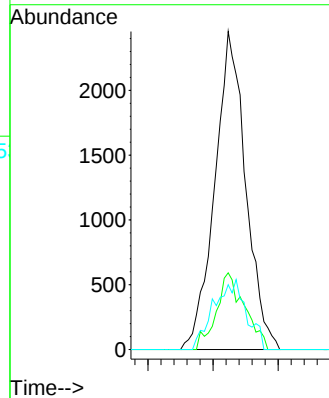
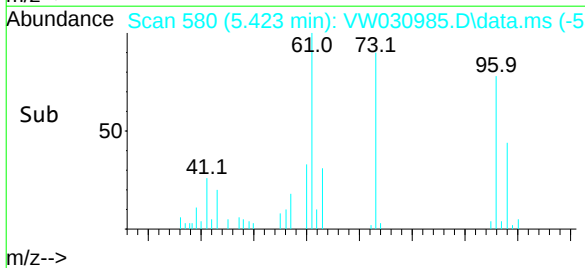
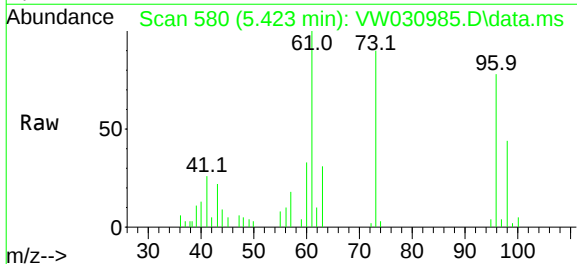
Manual Integrations
APPROVED

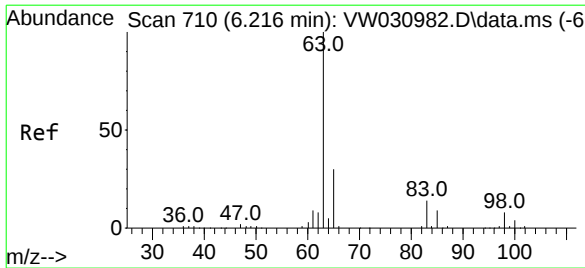
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#18
Methyl tert-butyl Ether
Concen: 1.030 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion: 73 Resp: 8107
Ion Ratio Lower Upper
73 100
43 10.4 16.2 24.2#
57 15.4 17.3 25.9#





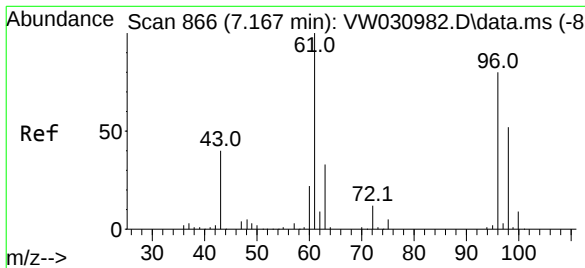
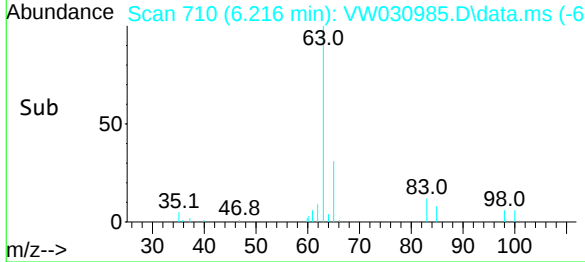
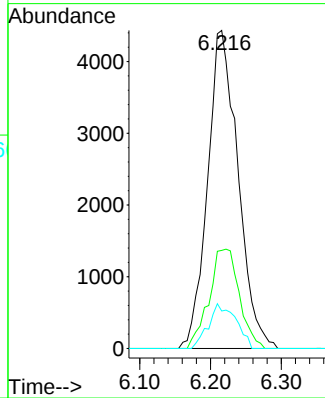
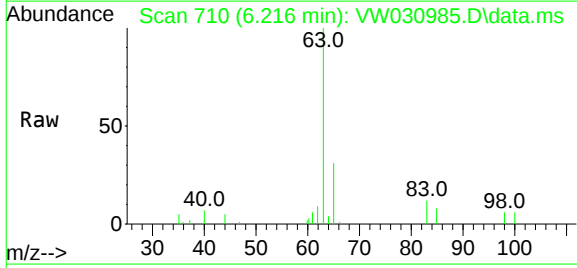
#19
1,1-Dichloroethane
Concen: 1.216 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion: 63	Resp: 13231
Ion Ratio	Lower Upper
63 100	
65 30.8	23.0 42.8
83 11.8	9.8 18.2

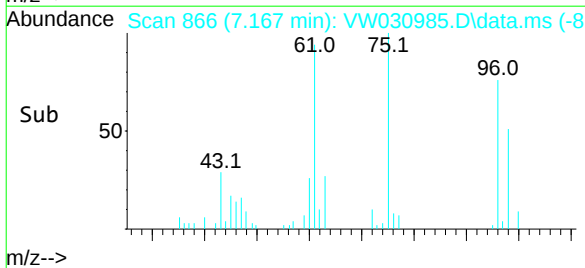
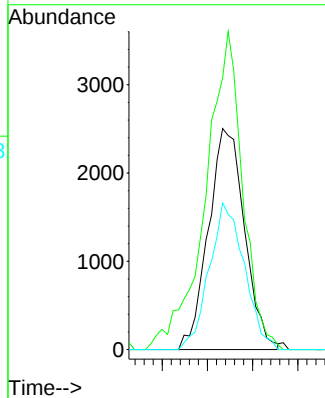
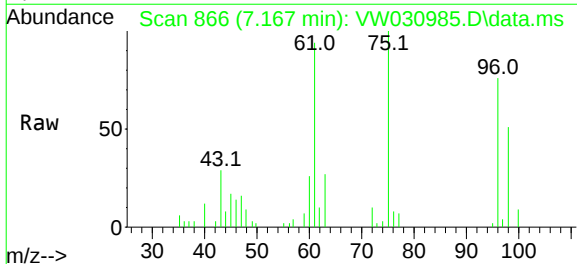
Manual Integrations
APPROVED

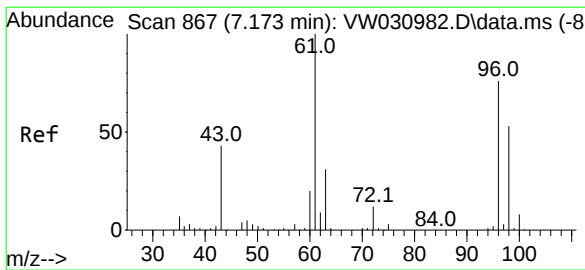
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#20
cis-1,2-Dichloroethene
Concen: 1.123 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion: 96	Resp: 6948
Ion Ratio	Lower Upper
96 100	
61 123.0	89.2 165.8
98 66.4	45.1 83.9





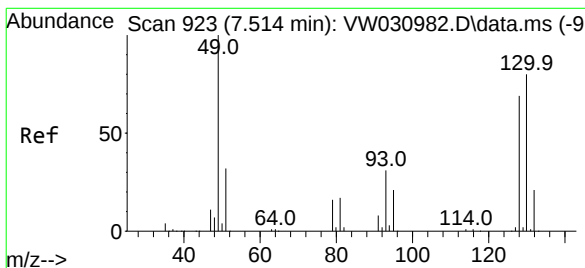
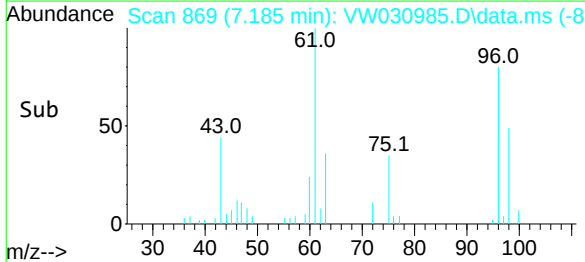
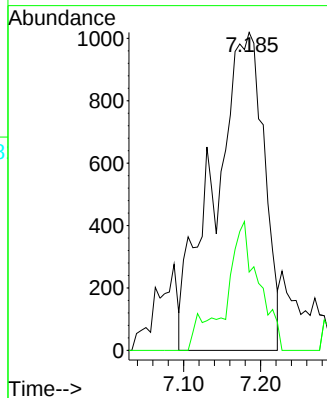
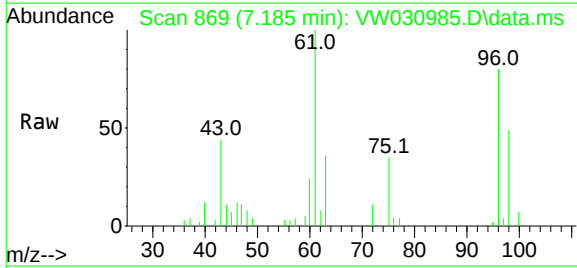
#22
2-Butanone
Concen: 3.023 ug/L m
RT: 7.185 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Instrument : MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion: 43 Resp: 4596
Ion Ratio Lower Upper
43 100
72 2.1 14.5 43.6#

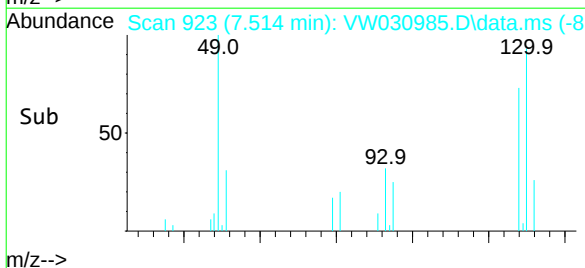
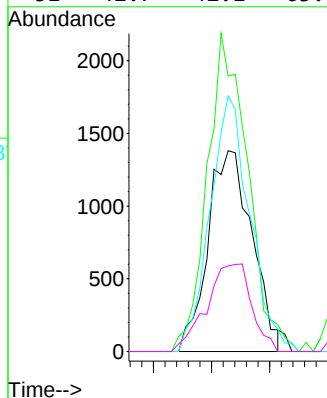
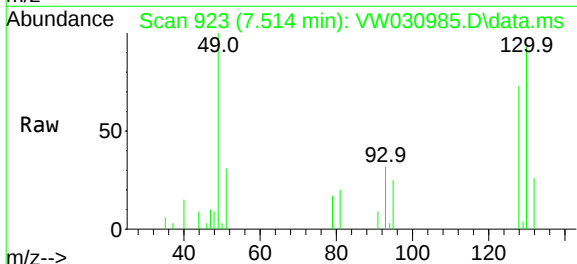
Manual Integrations
APPROVED

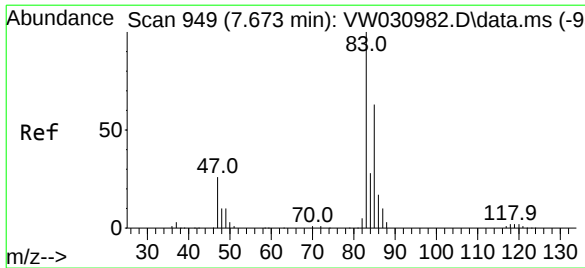
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#23
Bromochloromethane
Concen: 1.345 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

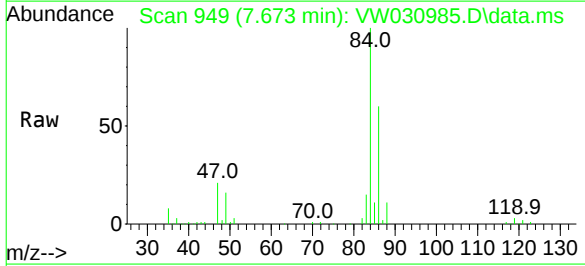
Tgt Ion:128 Resp: 3646
Ion Ratio Lower Upper
128 100
49 137.1 112.4 208.8
130 127.3 86.2 160.0
51 42.7 42.1 63.1





#25
Chloroform
Concen: 1.285 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

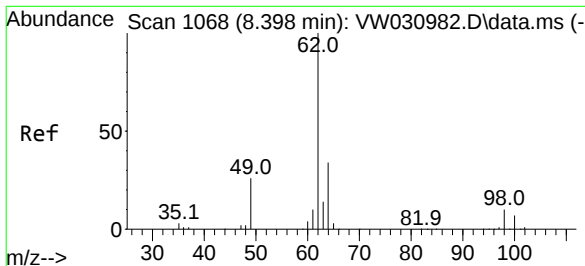
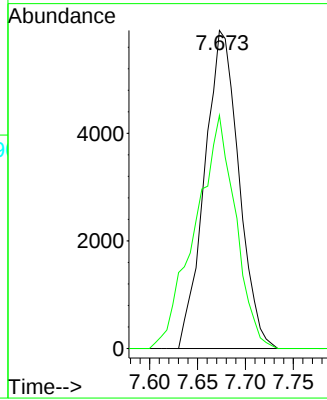
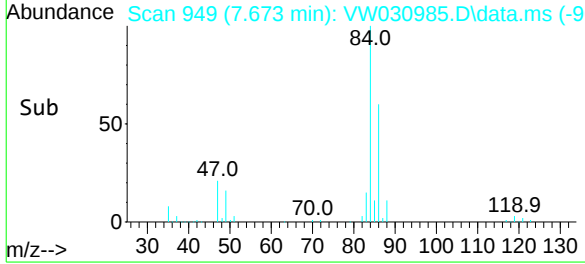
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 83 Resp: 14715
Ion Ratio Lower Upper
83 100
85 73.3 47.2 87.6

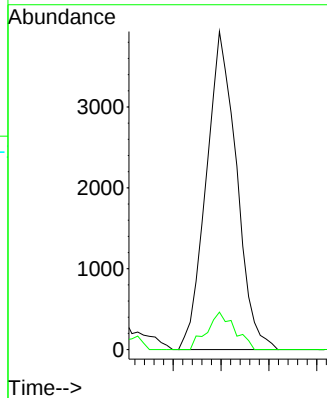
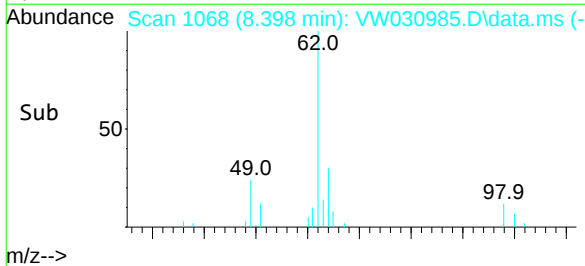
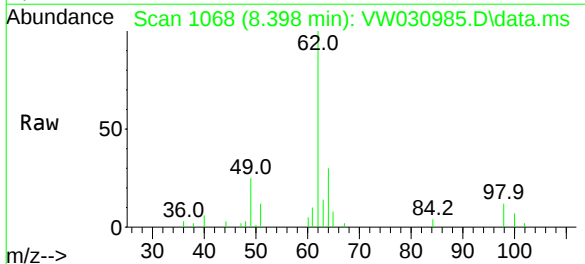
Manual Integrations
APPROVED

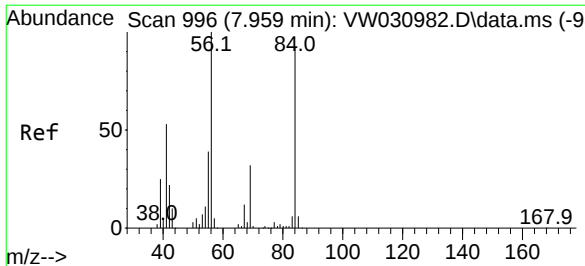
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#27
1,2-Dichloroethane
Concen: 1.212 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

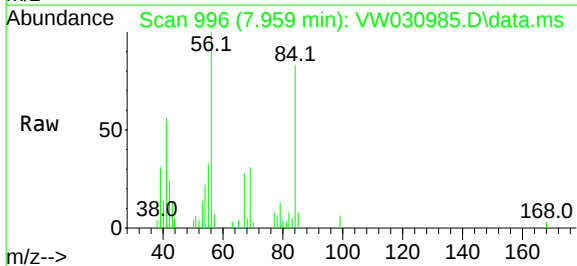
Tgt Ion: 62 Resp: 8644
Ion Ratio Lower Upper
62 100
98 11.8 7.1 10.7#





#29
Cyclohexane
Concen: 0.905 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

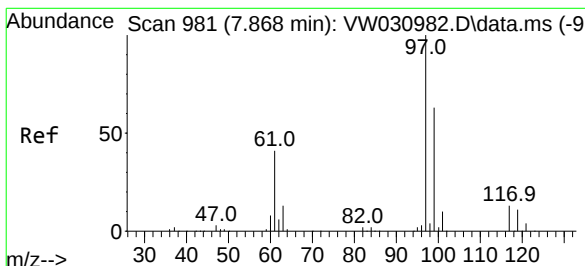
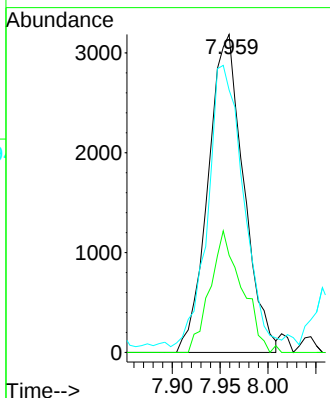
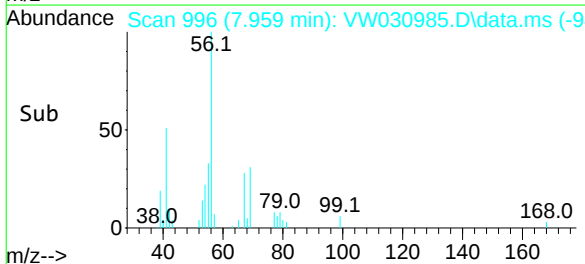
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 56 Resp: 8226
Ion Ratio Lower Upper
56 100
69 34.0 24.8 37.2
84 90.2 69.5 104.3

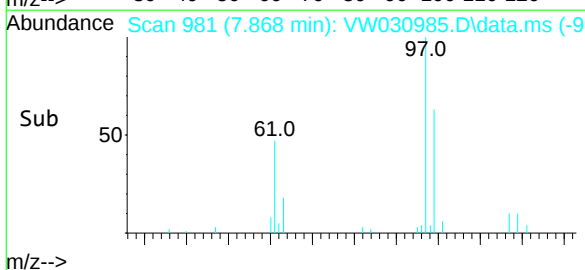
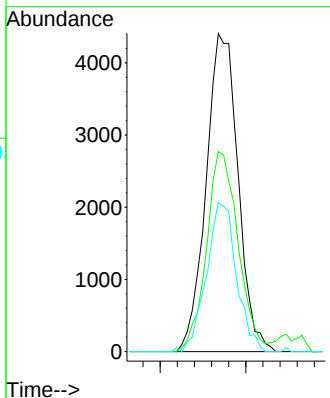
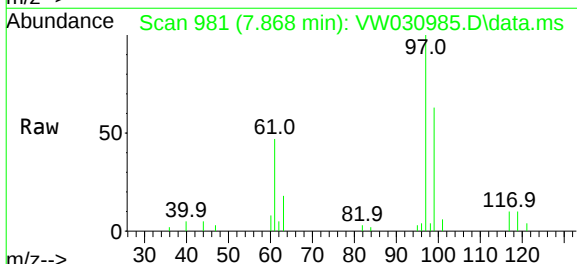
Manual Integrations
APPROVED

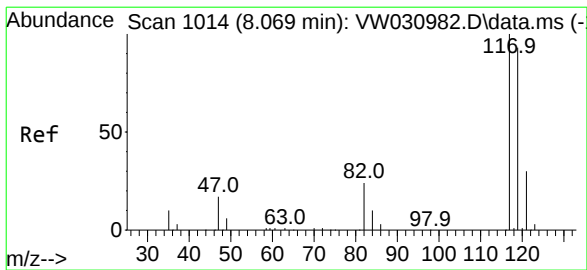
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#30
1,1,1-Trichloroethane
Concen: 1.171 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion: 97 Resp: 11409
Ion Ratio Lower Upper
97 100
99 62.3 51.3 76.9
61 43.9 36.2 54.4





#31

Carbon tetrachloride

Concen: 1.118 ug/L

RT: 8.063 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW030985.D

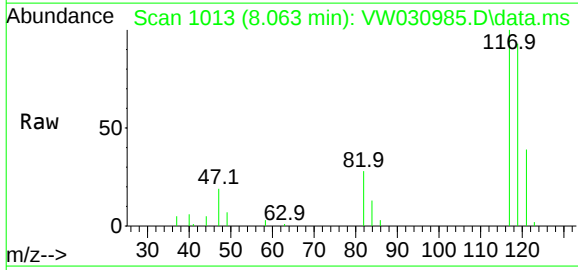
Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07



Tgt Ion:117 Resp: 9787

Ion Ratio Lower Upper

117 100

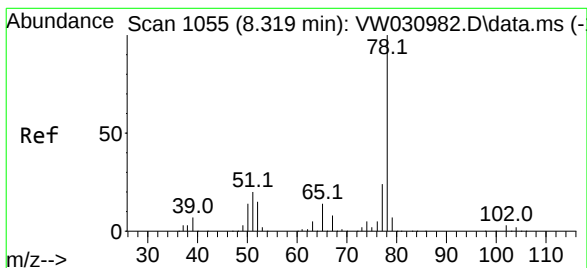
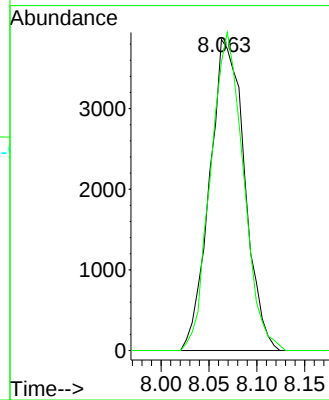
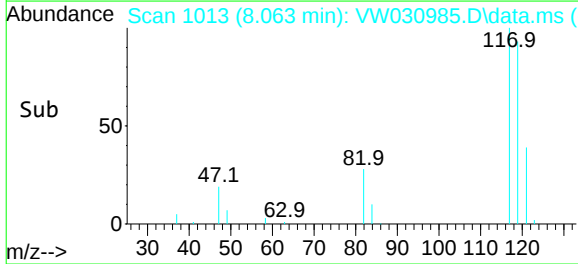
119 96.2 76.2 114.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024

Supervised By :Semsettin Yesilyurt 11/12/2024



#33

Benzene

Concen: 1.234 ug/L

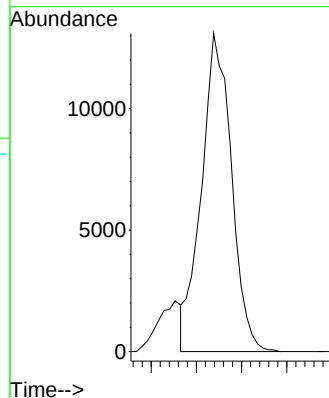
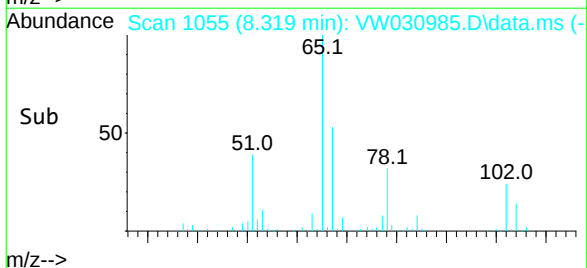
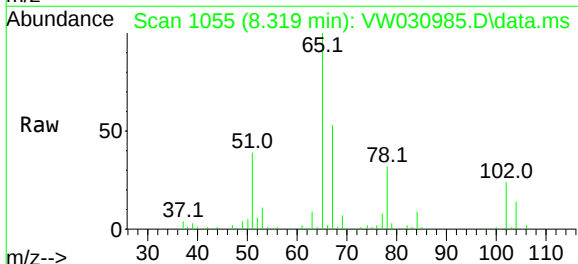
RT: 8.319 min Scan# 1055

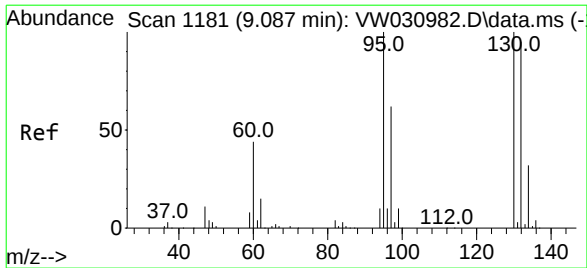
Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Tgt Ion: 78 Resp: 30178





#34

Trichloroethene

Concen: 1.133 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

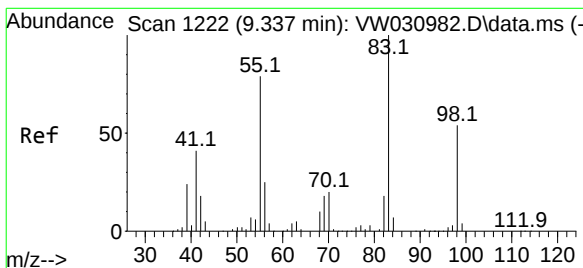
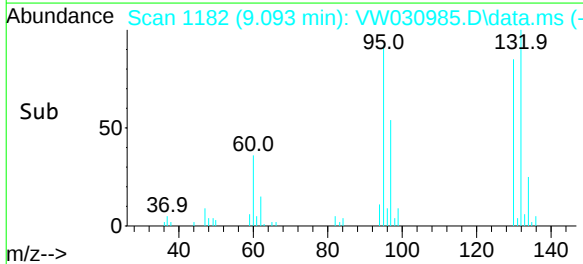
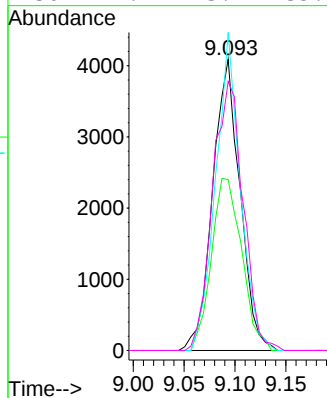
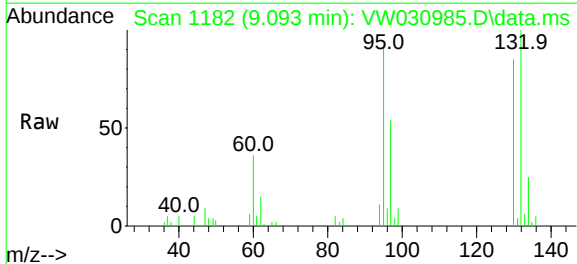
MDL-SOIL-QT4-2024-07

Tgt	Ion: 95	Resp:	7642
Ion	Ratio	Lower	Upper
95	100		
97	58.7	48.9	90.7
132	109.2	67.7	125.7
130	92.4	73.1	135.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#35

Methylcyclohexane

Concen: 1.032 ug/L

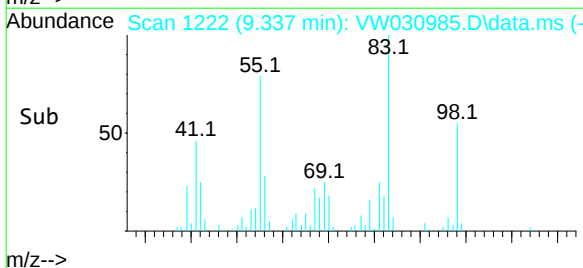
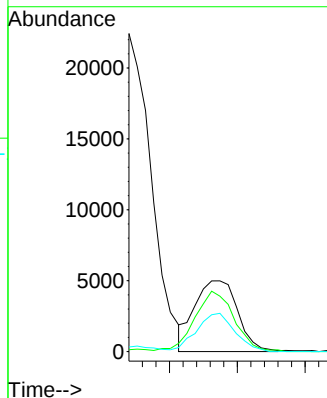
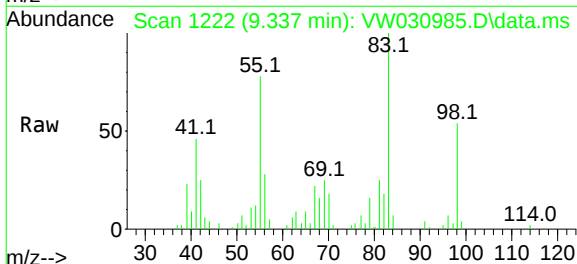
RT: 9.337 min Scan# 1222

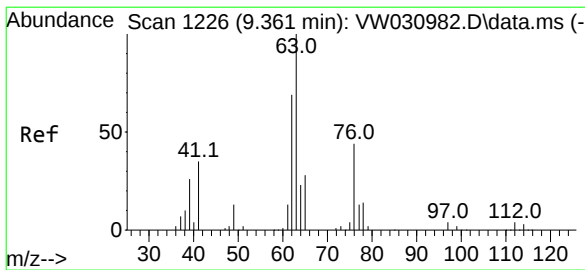
Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

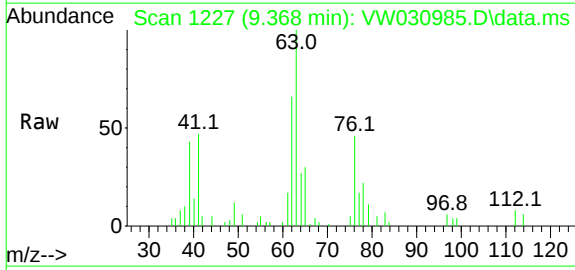
Tgt	Ion: 83	Resp:	11035
Ion	Ratio	Lower	Upper
83	100		
55	78.3	62.8	94.2
98	47.9	39.4	59.2





#37
1,2-Dichloropropane
Concen: 1.262 ug/L
RT: 9.368 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

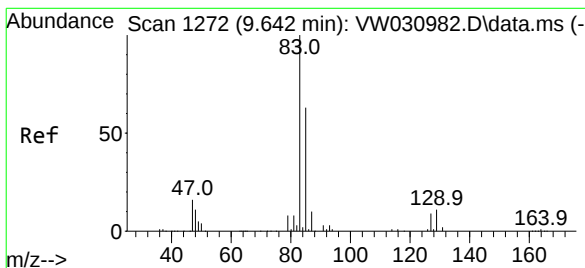
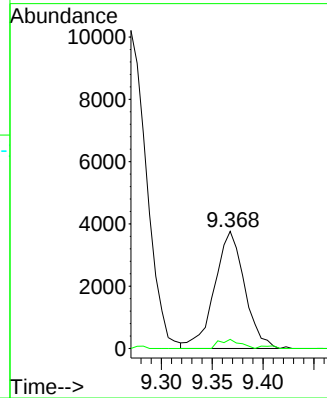
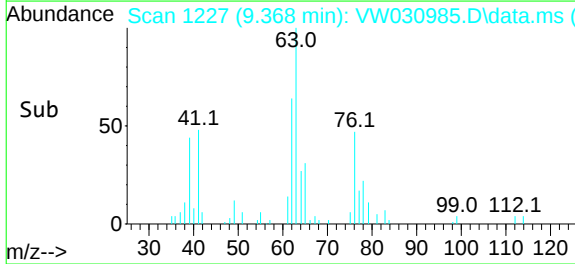
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 63 Resp: 7713
Ion Ratio Lower Upper
63 100
112 5.4 3.5 5.3#

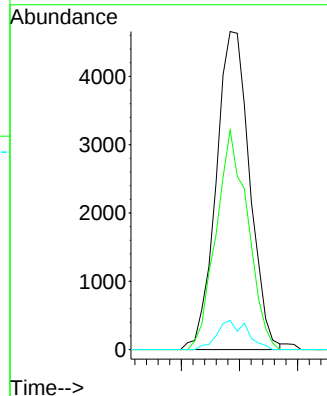
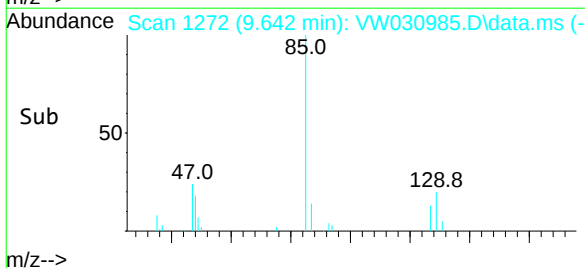
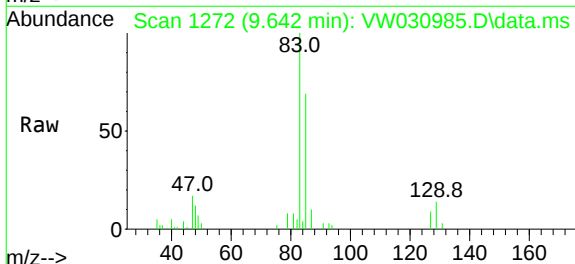
Manual Integrations
APPROVED

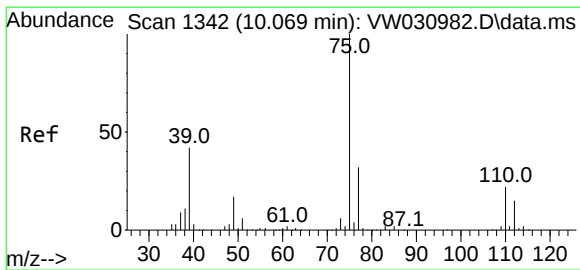
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#38
Bromodichloromethane
Concen: 1.161 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

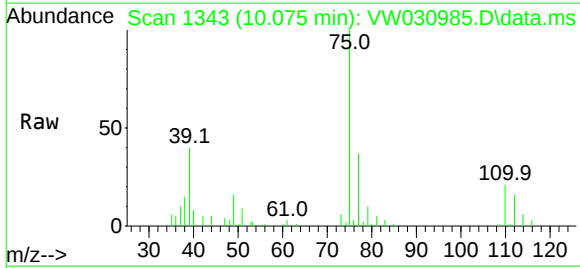
Tgt Ion: 83 Resp: 9321
Ion Ratio Lower Upper
83 100
85 69.0 44.1 81.9
127 9.2 6.4 9.6





#39
 cis-1,3-Dichloropropene
 Concen: 1.148 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW030985.D
 Acq: 11 Nov 2024 12:22

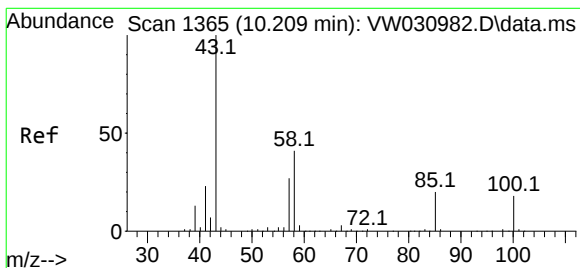
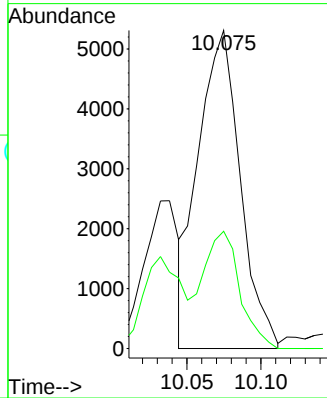
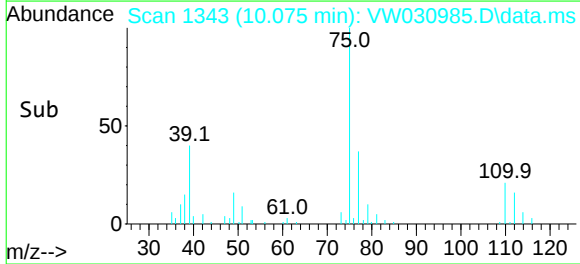
Instrument : MSVOA_W
 ClientSampleId : MDL-SOIL-QT4-2024-07



Tgt Ion: 75 Resp: 10495
 Ion Ratio Lower Upper
 75 100
 77 36.9 21.3 39.6

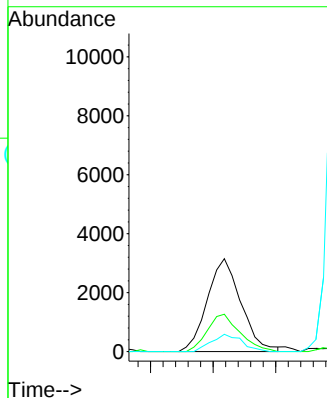
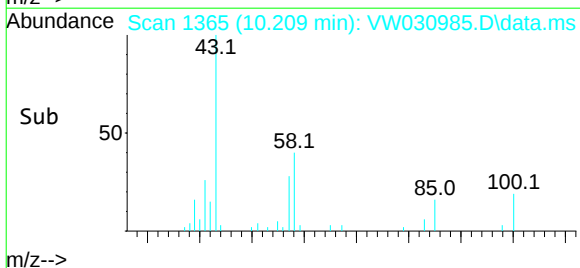
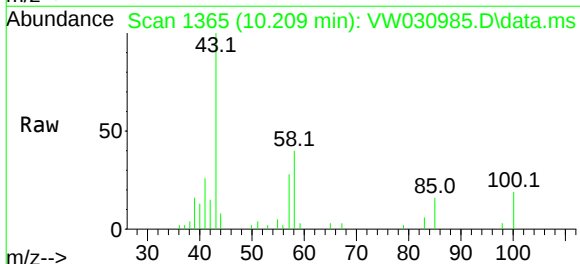
Manual Integrations
 APPROVED

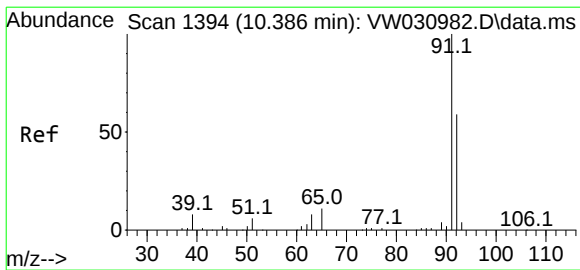
Reviewed By :Mahesh Dadoda 11/12/2024
 Supervised By :Semsettin Yesilyurt 11/12/2024



#40
 4-Methyl-2-pentanone
 Concen: 2.111 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW030985.D
 Acq: 11 Nov 2024 12:22

Tgt Ion: 43 Resp: 5900
 Ion Ratio Lower Upper
 43 100
 58 38.8 32.2 48.4
 100 16.8 13.3 19.9





#42

Toluene

Concen: 1.228 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion: 91 Resp: 31807

Ion Ratio Lower Upper

91 100

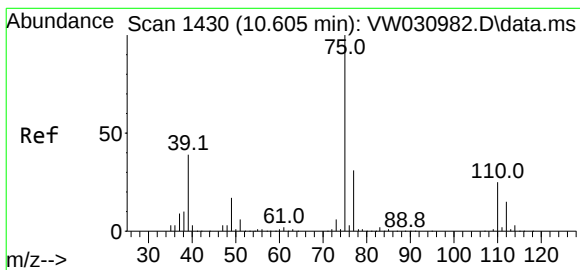
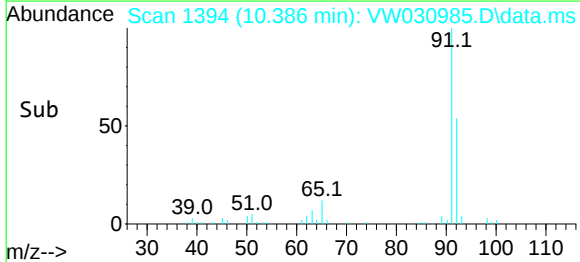
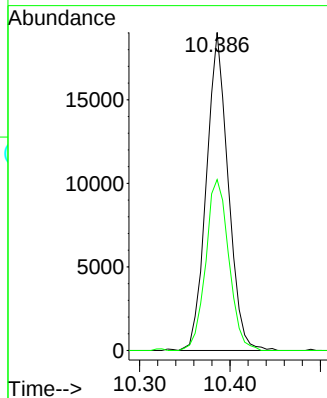
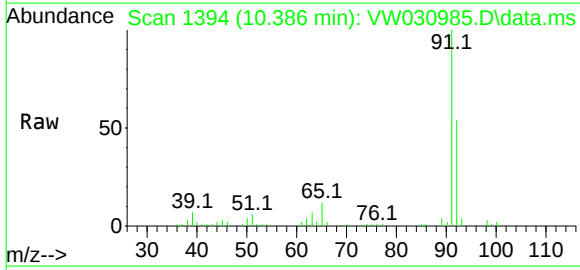
92 53.7 39.4 73.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024

Supervised By :Semsettin Yesilyurt 11/12/2024



#44

trans-1,3-Dichloropropene

Concen: 1.150 ug/L m

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030985.D

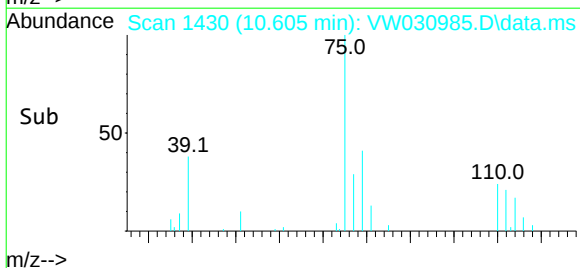
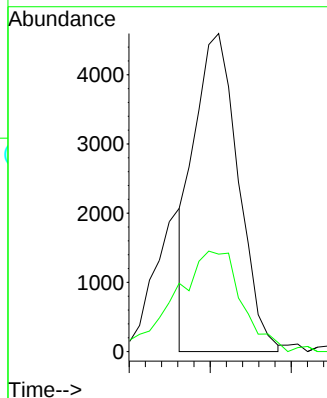
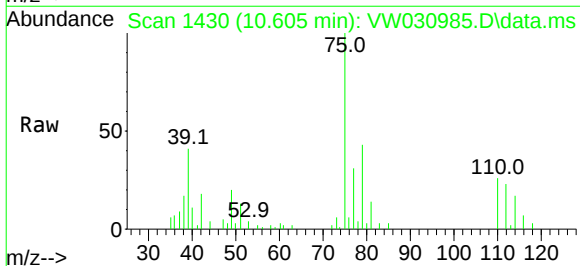
Acq: 11 Nov 2024 12:22

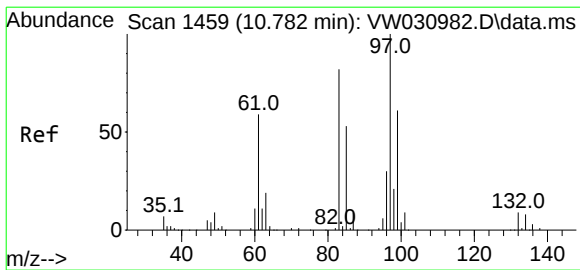
Tgt Ion: 75 Resp: 8738

Ion Ratio Lower Upper

75 100

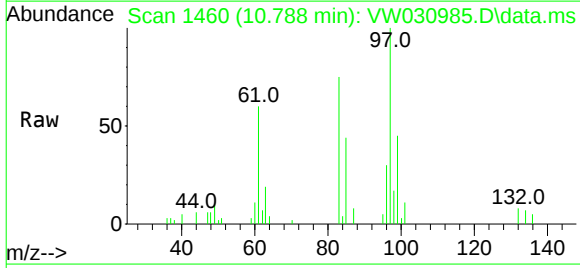
77 30.6 23.6 43.8





#45
1,1,2-Trichloroethane
Concen: 1.273 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

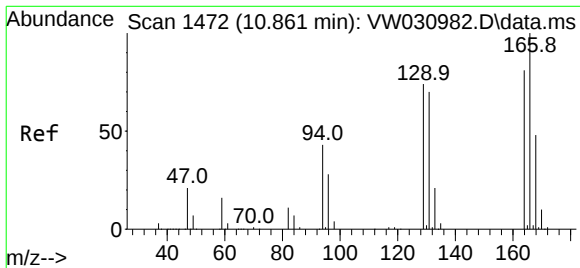
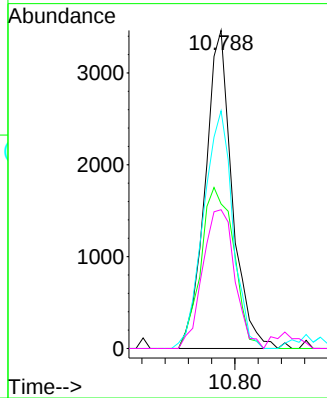
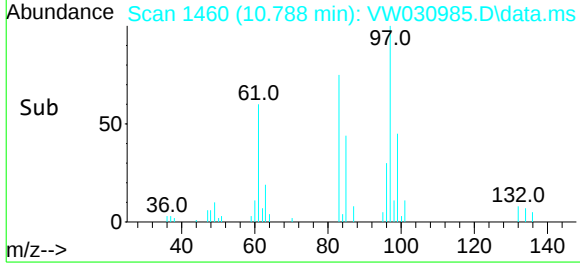
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2024-07



Tgt Ion:	97	Resp:	5586
Ion	Ratio	Lower	Upper
97	100		
99	45.5	42.8	79.4
83	74.7	60.6	112.6
85	43.6	37.1	68.9

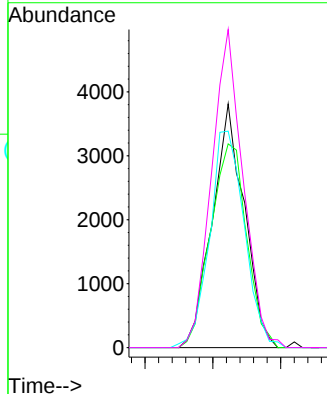
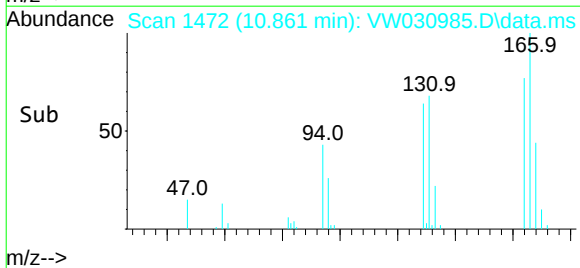
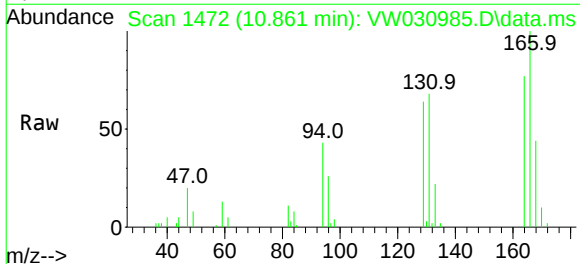
Manual Integrations
APPROVED

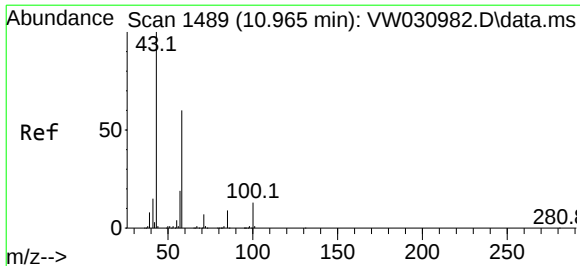
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#46
Tetrachloroethene
Concen: 1.217 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

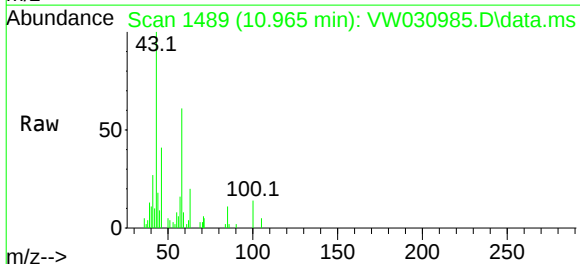
Tgt Ion:	164	Resp:	6274
Ion	Ratio	Lower	Upper
164	100		
129	83.6	71.1	132.1
131	88.8	62.6	116.3
166	130.5	83.7	155.5





#48
2-Hexanone
Concen: 2.456 ug/L m
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

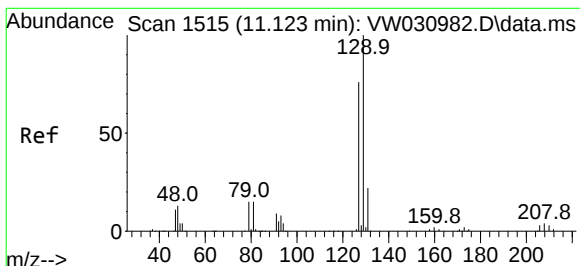
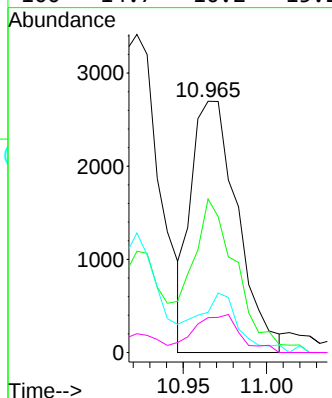
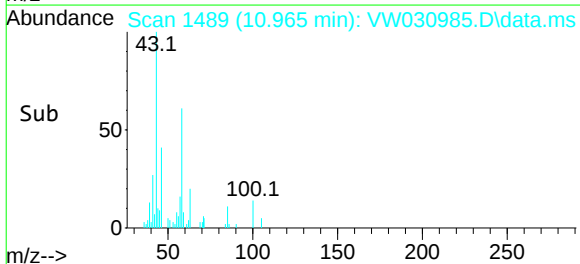
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 43	Resp: 5222
Ion Ratio	Lower Upper
43 100	
58 60.4	43.8 65.8
57 16.8	15.4 23.2
100 14.7	10.2 15.2

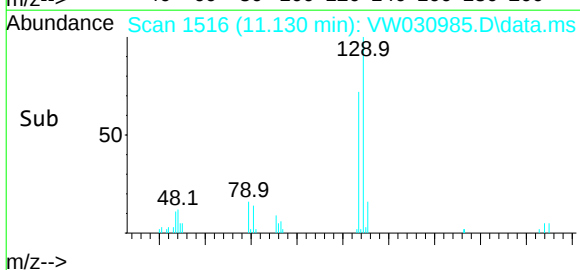
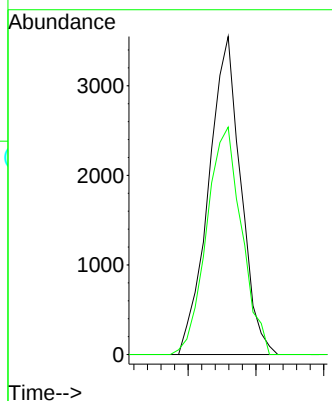
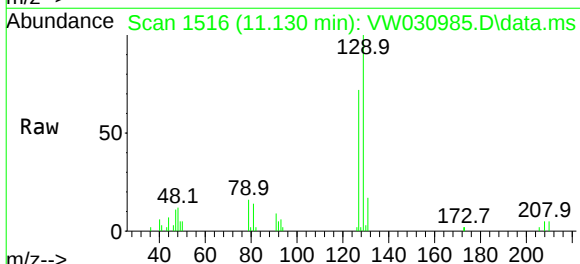
Manual Integrations
APPROVED

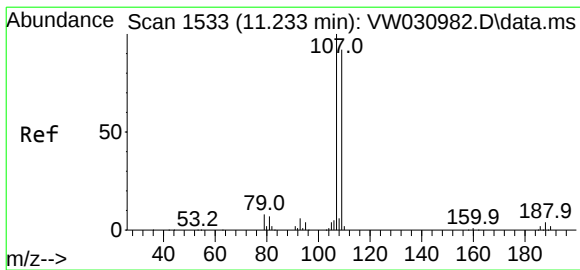
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#49
Dibromochloromethane
Concen: 1.225 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

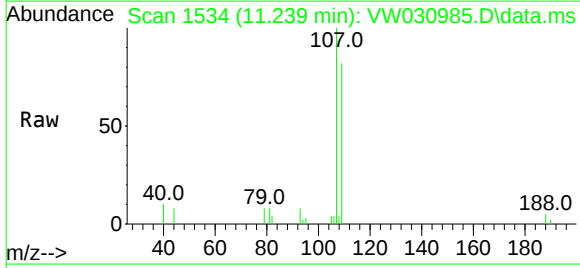
Tgt Ion: 129	Resp: 5860
Ion Ratio	Lower Upper
129 100	
127 71.5	52.1 96.7





#50
1,2-Dibromoethane
Concen: 1.267 ug/L
RT: 11.239 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

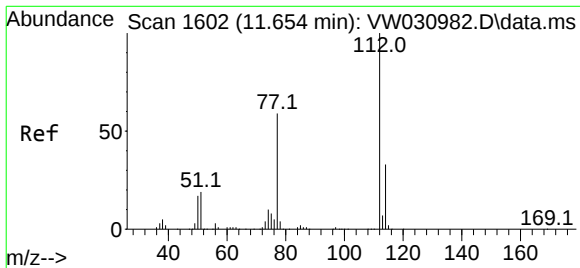
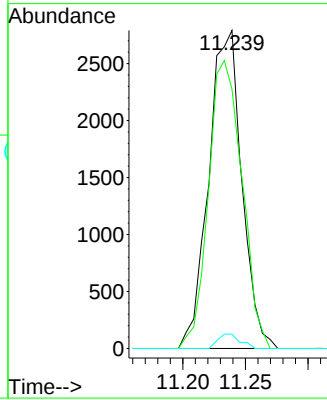
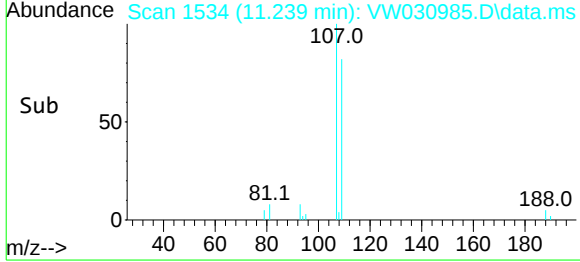
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2024-07



Tgt Ion	Ratio	Lower	Upper
107	100		
109	81.6	64.3	119.3
188	4.5	2.7	4.1#

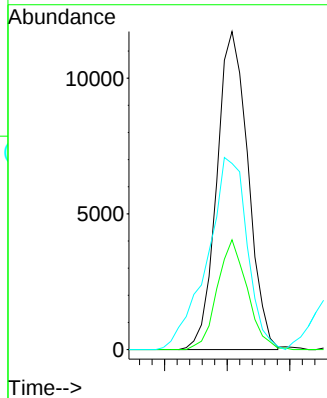
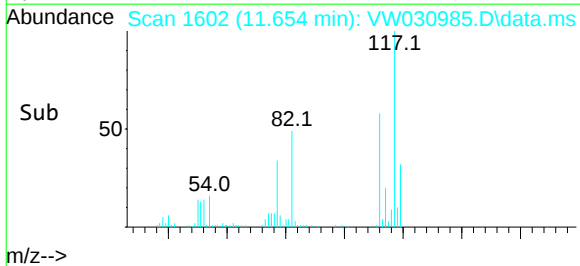
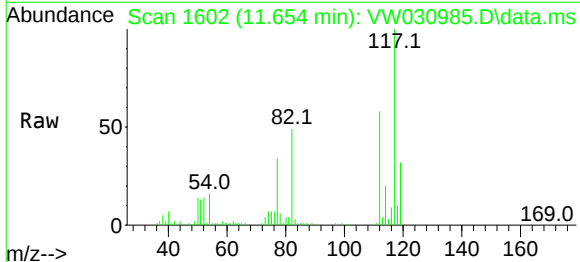
Manual Integrations
APPROVED

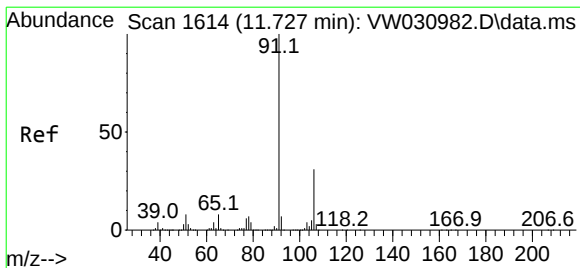
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#51
Chlorobenzene
Concen: 1.226 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.5	21.9	40.7
77	58.5	45.3	67.9





#52

Ethylbenzene

Concen: 1.045 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW030985.D

Acq: 11 Nov 2024 12:22

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion: 91 Resp: 30583

Ion Ratio Lower Upper

91 100

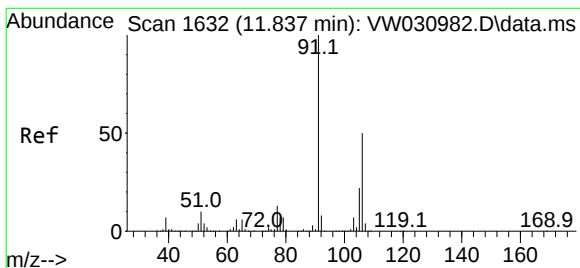
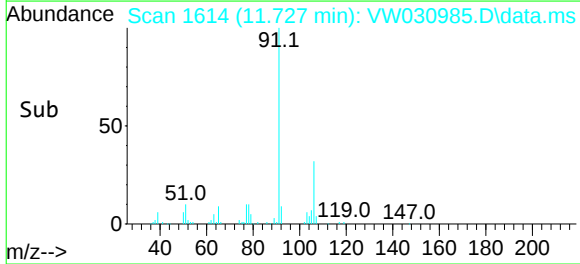
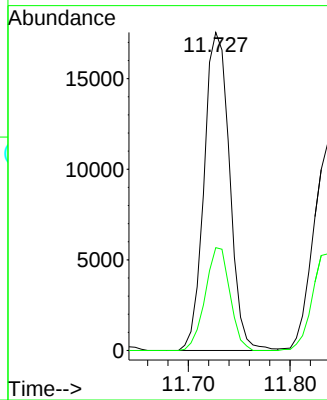
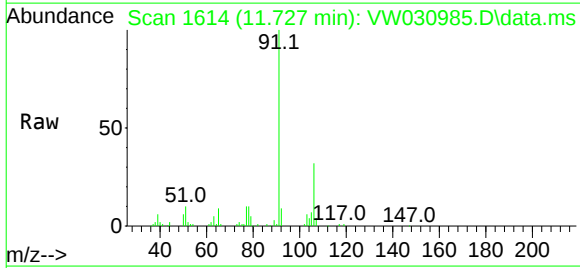
106 32.3 21.6 40.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024

Supervised By :Semsettin Yesilyurt 11/12/2024



#53

m,p-Xylene

Concen: 1.000 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030985.D

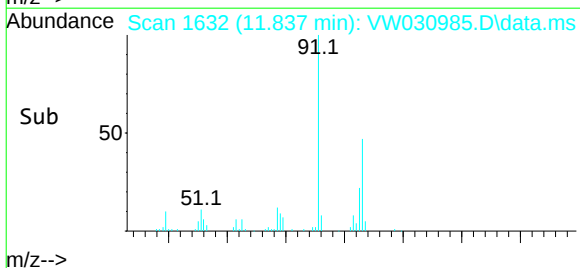
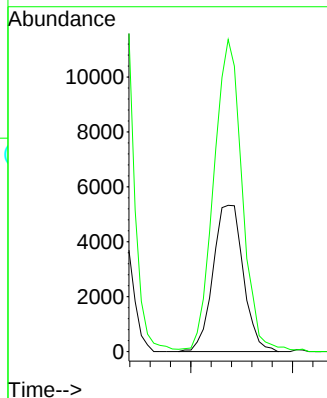
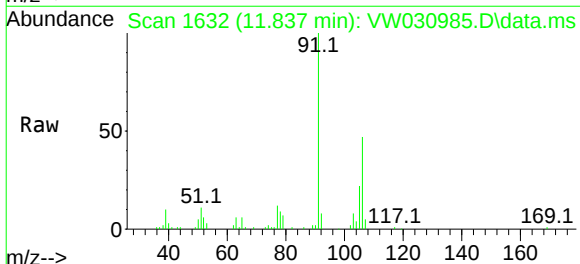
Acq: 11 Nov 2024 12:22

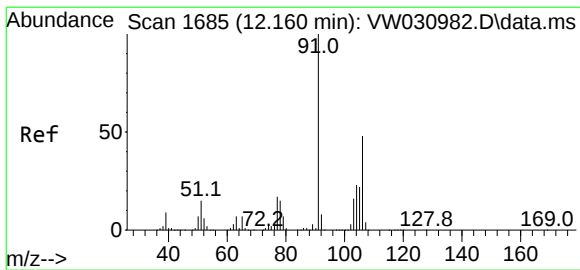
Tgt Ion:106 Resp: 11001

Ion Ratio Lower Upper

106 100

91 213.4 140.7 261.3





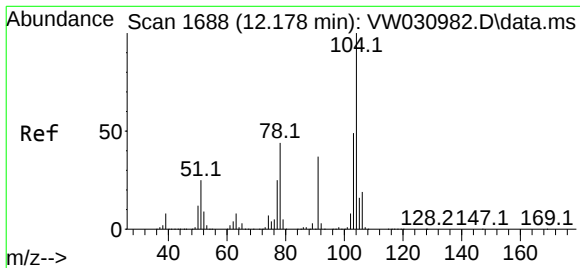
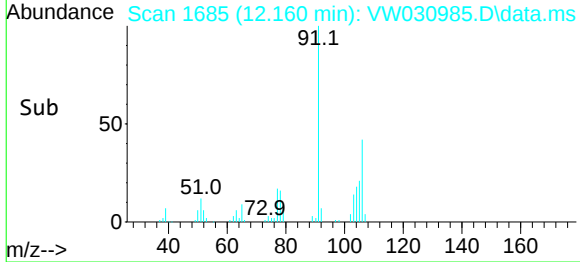
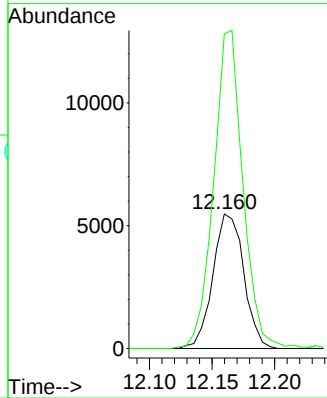
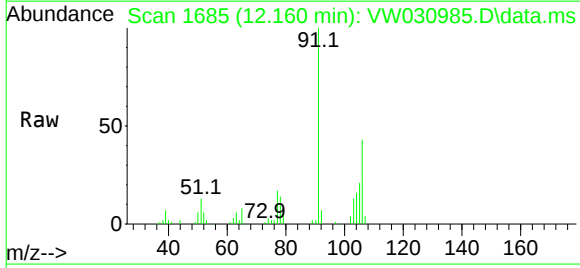
#54
o-Xylene
Concen: 0.928 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:106 Resp: 9395
Ion Ratio Lower Upper
106 100
91 233.9 149.9 278.3

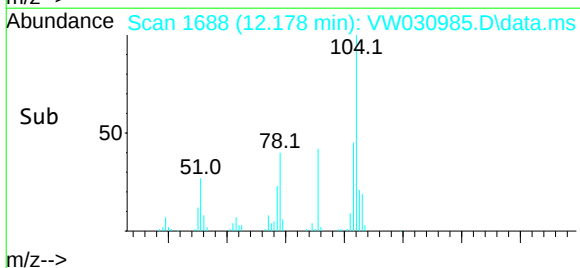
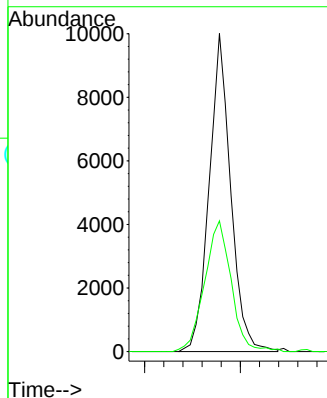
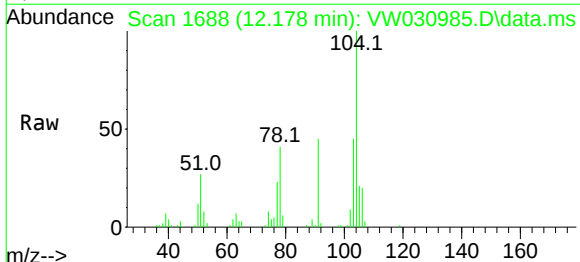
Manual Integrations
APPROVED

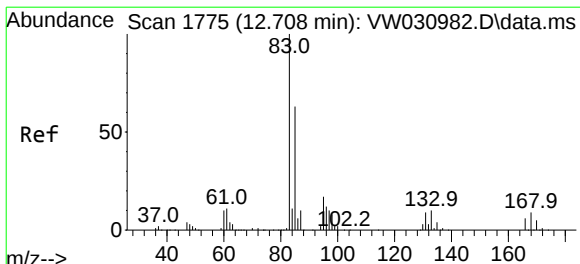
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#55
Styrene
Concen: 0.903 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion:104 Resp: 15622
Ion Ratio Lower Upper
104 100
78 41.1 31.8 59.0





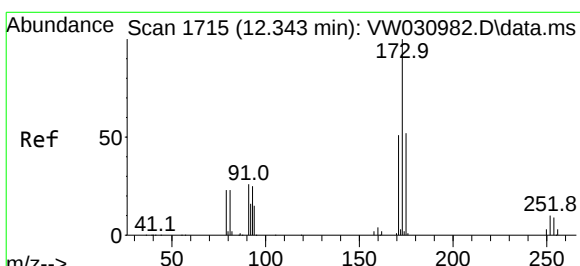
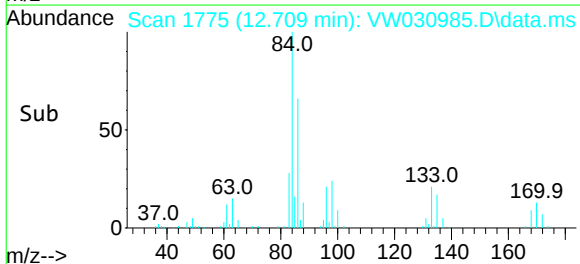
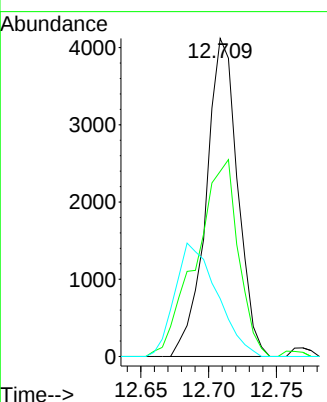
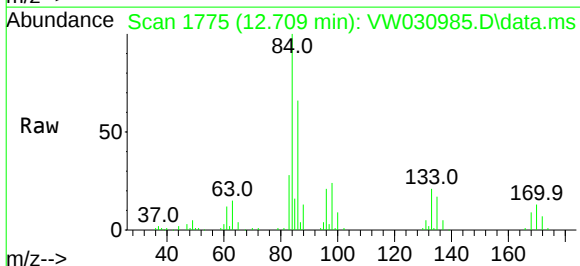
#57
 1,1,2,2-Tetrachloroethane
 Concen: 1.395 ug/L
 RT: 12.709 min Scan# 1715
 Delta R.T. 0.000 min
 Lab File: VW030985.D
 Acq: 11 Nov 2024 12:22

Instrument : MSVOA_W
 ClientSampleId : MDL-SOIL-QT4-2024-07

Tgt Ion:	83	Resp:	6679
Ion	Ratio	Lower	Upper
83	100		
85	58.2	45.1	83.7
131	18.2	7.7	11.5#

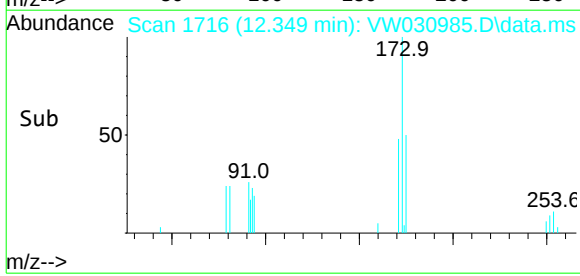
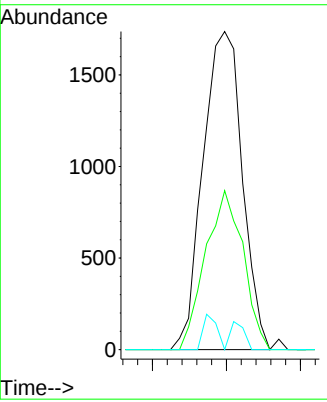
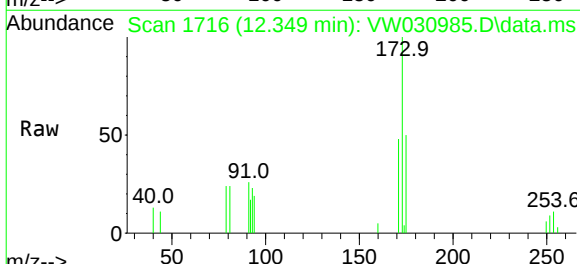
Manual Integrations
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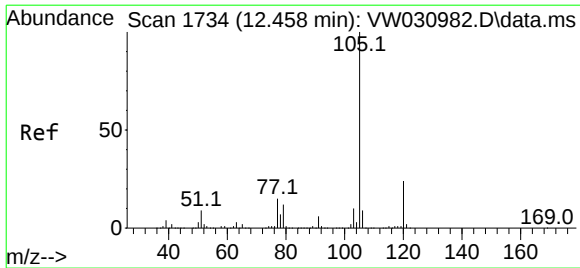
Reviewed By :Mahesh Dadoda 11/12/2024
 Supervised By :Semsettin Yesilyurt 11/12/2024



#59
 Bromoform
 Concen: 1.245 ug/L
 RT: 12.349 min Scan# 1716
 Delta R.T. 0.006 min
 Lab File: VW030985.D
 Acq: 11 Nov 2024 12:22

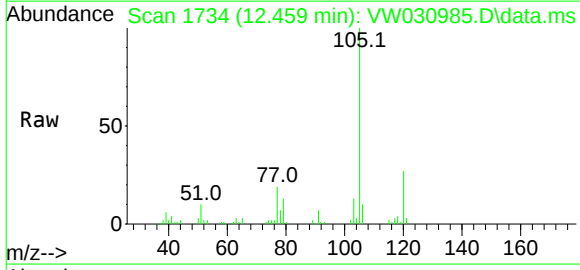
Tgt Ion:	173	Resp:	3199
Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.3	58.9
254	3.1	7.8	11.6#





#60
Isopropylbenzene
Concen: 0.901 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

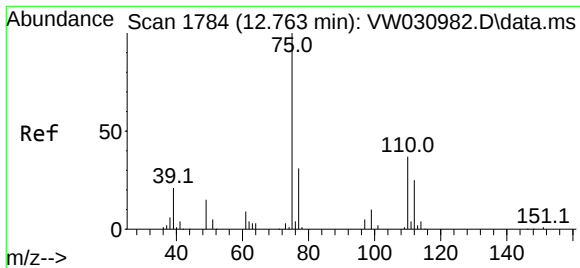
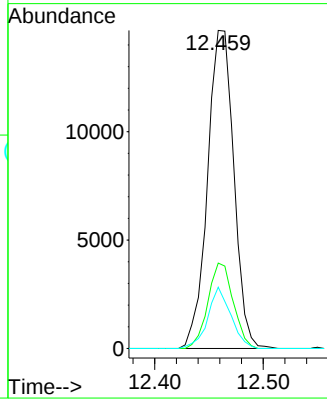
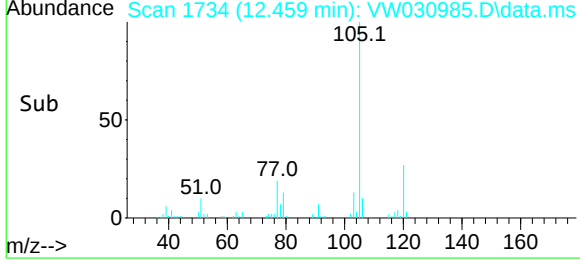
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:	105	Resp:	24734
Ion Ratio	Lower	Upper	
105	100		
120	25.8	20.6	31.0
77	16.9	13.0	19.4

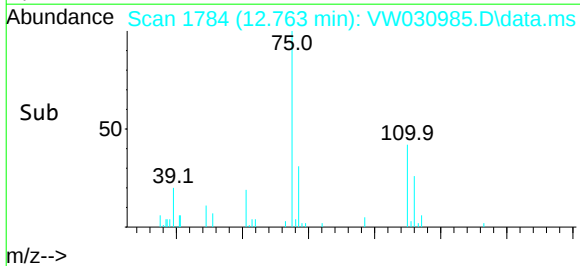
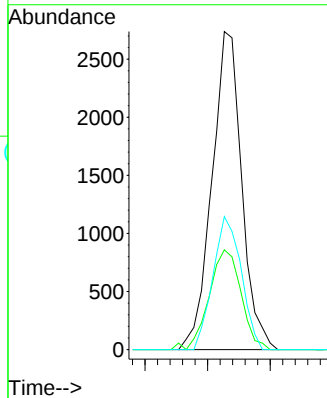
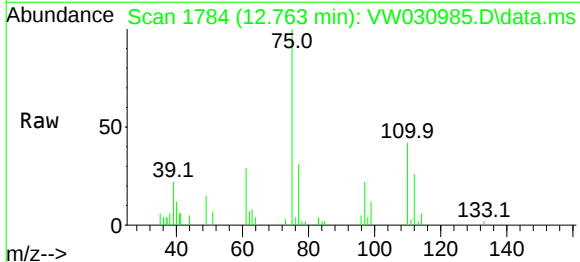
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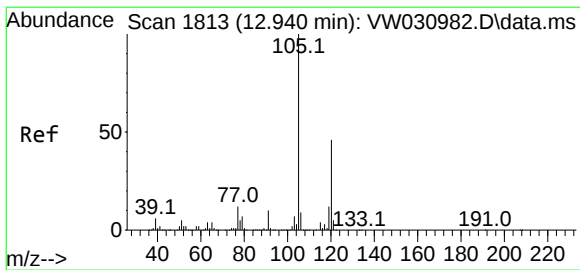
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#61
1,2,3-Trichloropropane
Concen: 1.343 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

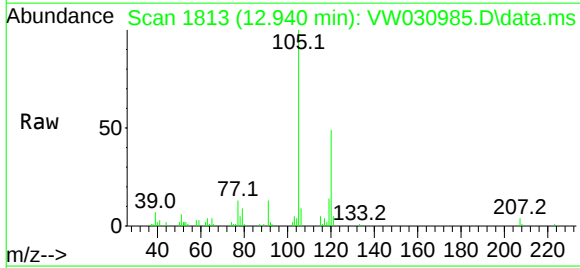
Tgt Ion:	75	Resp:	4528
Ion Ratio	Lower	Upper	
75	100		
77	33.1	26.2	39.2
110	39.6	31.8	47.8





#62
 1,3,5-Trimethylbenzene
 Concen: 0.824 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW030985.D
 Acq: 11 Nov 2024 12:22

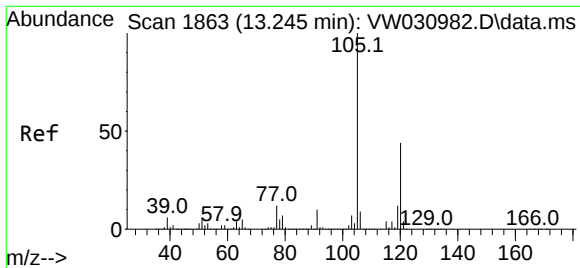
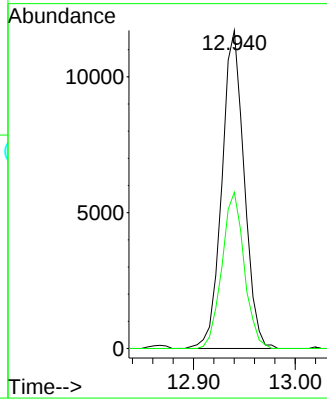
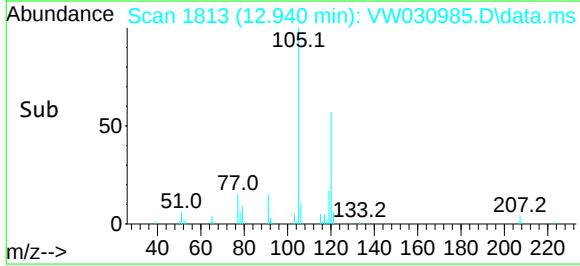
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT4-2024-07



Tgt Ion: 105 Resp: 17806
 Ion Ratio Lower Upper
 105 100
 120 49.0 38.7 58.1

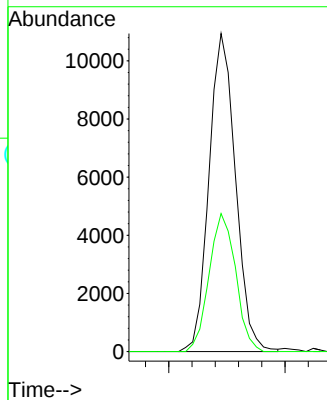
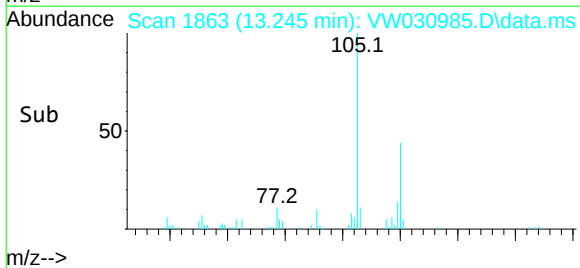
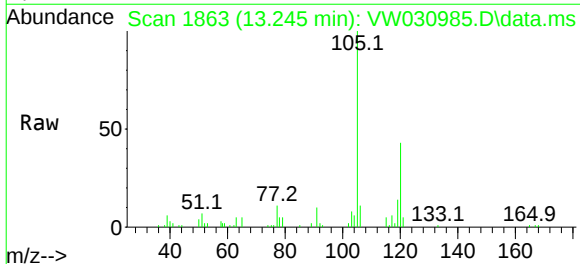
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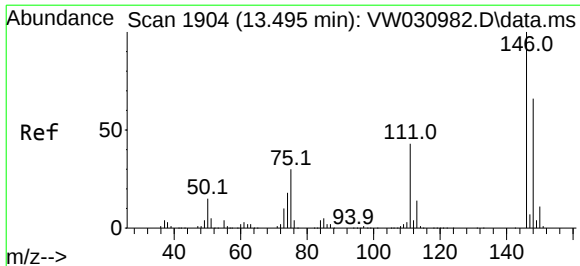
Reviewed By : Mahesh Dadoda 11/12/2024
 Supervised By : Semsettin Yesilyurt 11/12/2024



#63
 1,2,4-Trimethylbenzene
 Concen: 0.824 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW030985.D
 Acq: 11 Nov 2024 12:22

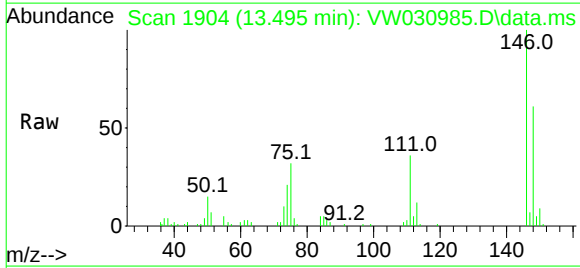
Tgt Ion: 105 Resp: 17332
 Ion Ratio Lower Upper
 105 100
 120 43.5 35.9 53.9





#64
1,3-Dichlorobenzene
Concen: 1.160 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

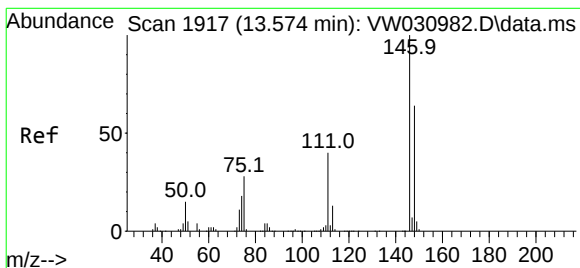
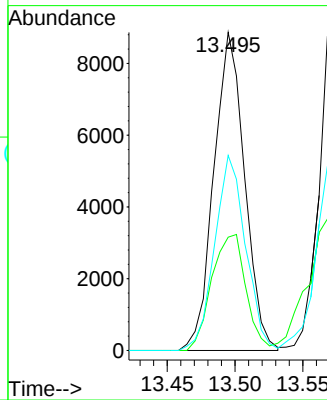
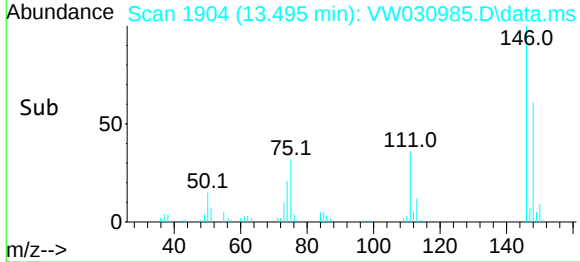
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:146 Resp: 13980
Ion Ratio Lower Upper
146 100
111 35.6 26.8 49.8
148 61.3 41.8 77.6

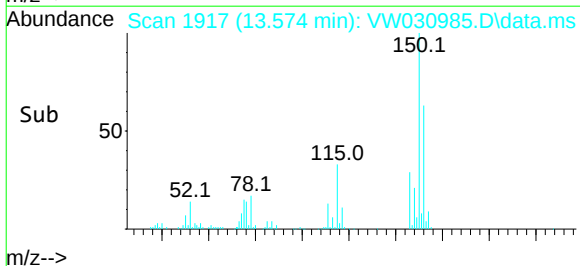
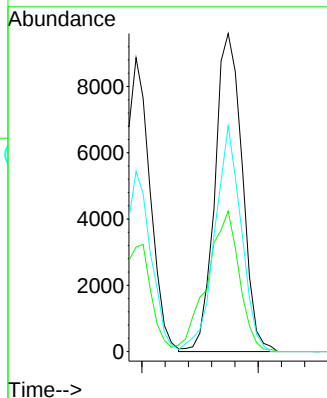
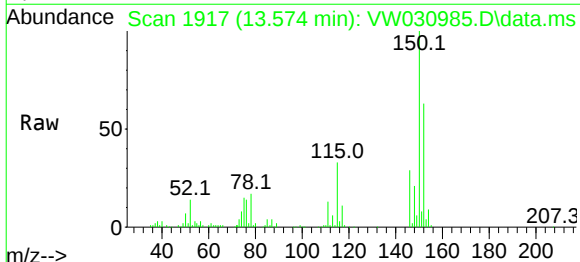
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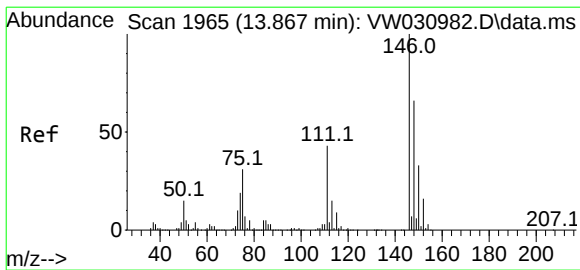
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#65
1,4-Dichlorobenzene
Concen: 1.266 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion:146 Resp: 15665
Ion Ratio Lower Upper
146 100
111 44.2 27.6 51.4
148 70.9 41.6 77.2





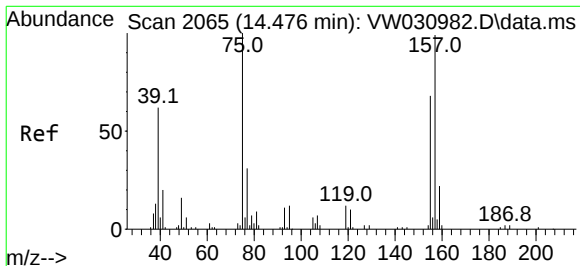
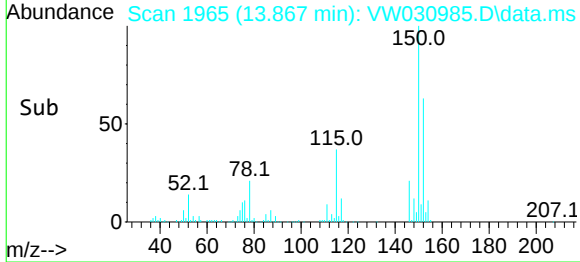
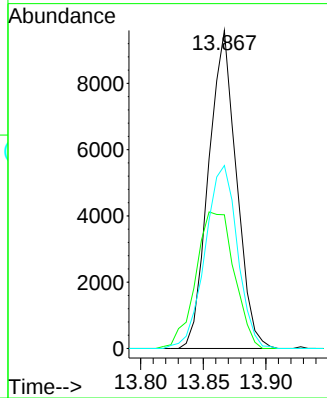
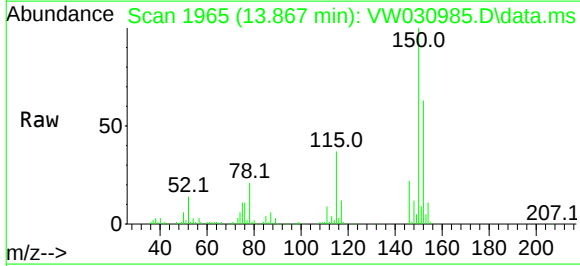
#67
1,2-Dichlorobenzene
Concen: 1.382 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:	146	Resp:	14844
Ion	Ratio	Lower	Upper
146	100		
111	42.0	34.3	51.5
148	57.5	48.0	72.0

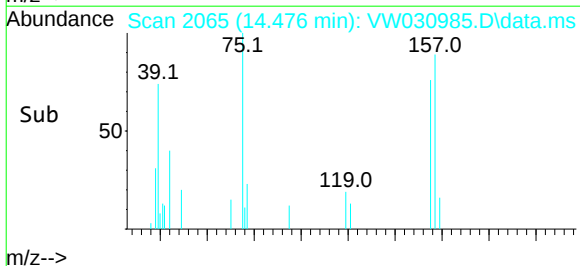
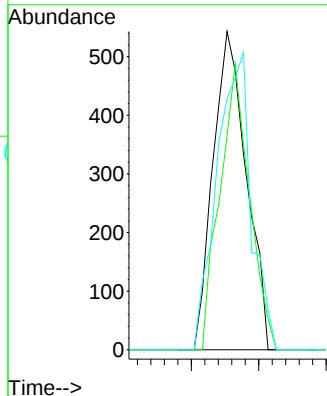
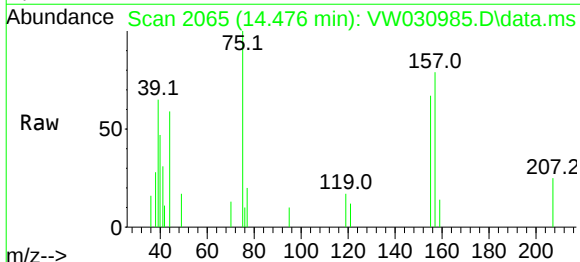
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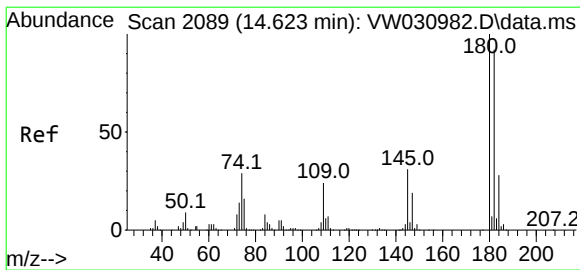
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 1.303 ug/L m
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

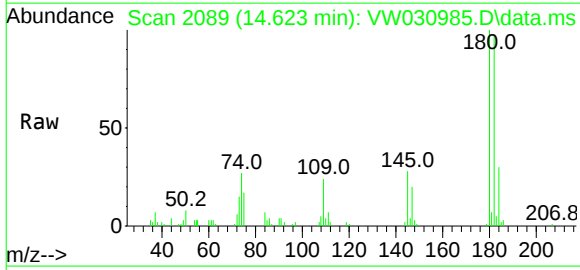
Tgt Ion:	75	Resp:	930
Ion	Ratio	Lower	Upper
75	100		
155	67.2	56.2	84.2
157	78.8	74.9	112.3





#69
1,3,5-Trichlorobenzene
Concen: 1.246 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

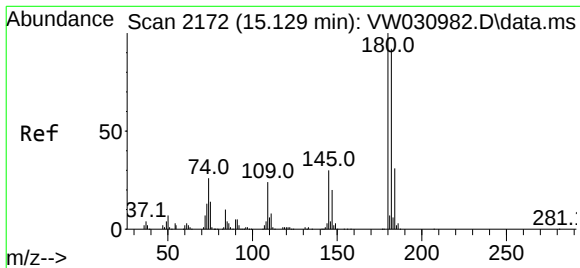
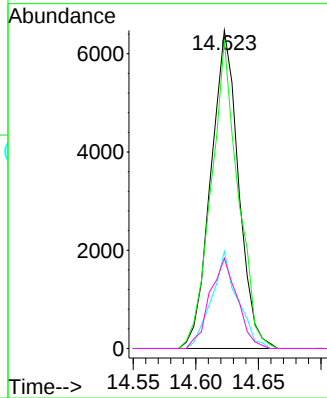
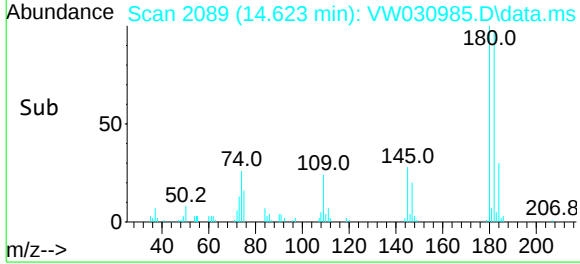
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2024-07



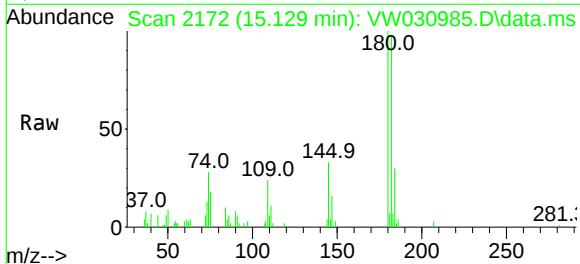
Tgt Ion:180 Resp: 9964
Ion Ratio Lower Upper
180 100
182 94.3 76.6 114.8
184 28.6 23.9 35.9
145 28.3 23.9 35.9

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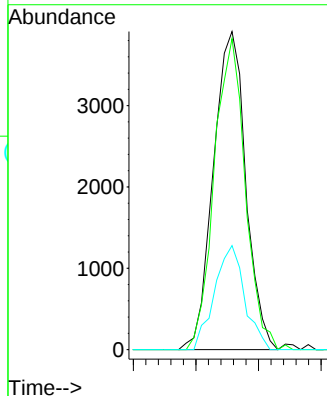
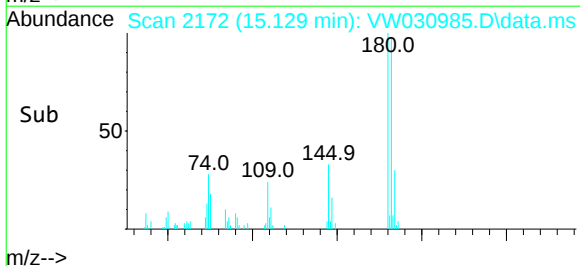
Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024

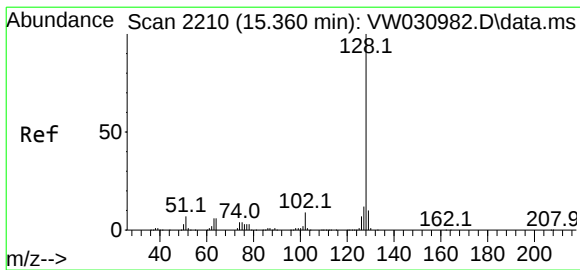


#70
1,2,4-trichlorobenzene
Concen: 1.107 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22



Tgt Ion:180 Resp: 7029
Ion Ratio Lower Upper
180 100
182 93.1 74.5 111.7
145 30.3 24.2 36.2





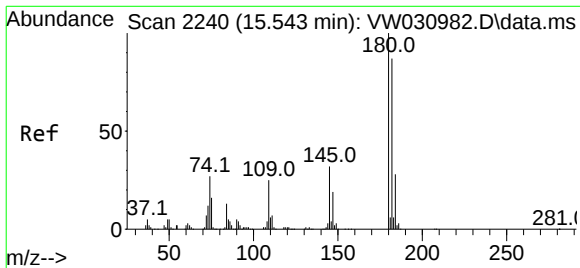
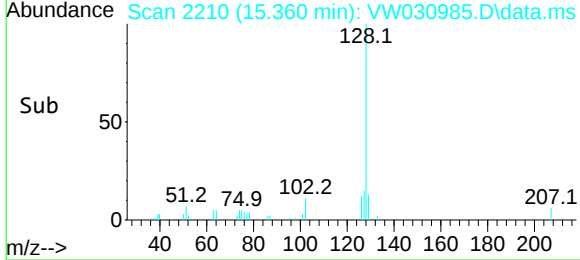
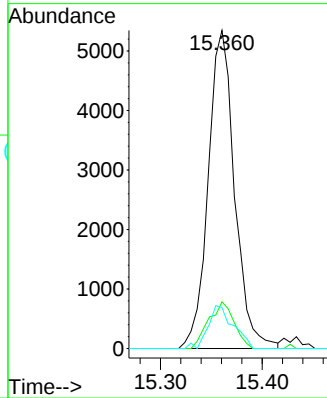
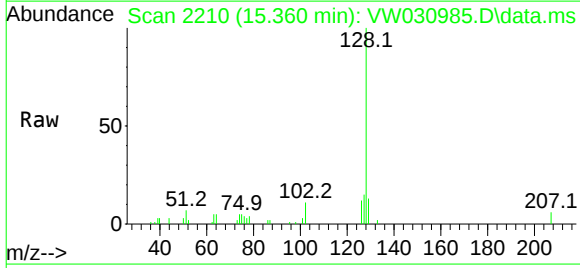
#71
Naphthalene
Concen: 0.938 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT4-2024-07

Tgt Ion:	128	Resp:	9653
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.2	15.4
129	12.4	8.7	13.1

Manual Integrations
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Reviewed By :Mahesh Dadoda 11/12/2024
Supervised By :Semsettin Yesilyurt 11/12/2024



#72
1,2,3-Trichlorobenzene
Concen: 1.063 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW030985.D
Acq: 11 Nov 2024 12:22

Tgt Ion:	180	Resp:	5815
Ion Ratio	Lower	Upper	
180	100		
182	93.1	79.2	118.8
145	31.9	27.0	40.6

