

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
 Data File : VW022135.D
 Acq On : 24 Feb 2022 13:45
 Operator : SY/VA
 Sample : N1331-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT1-2022-02

Quant Time: Feb 25 06:42:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 25 04:49:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/25/2022
 Supervised By :Mahesh Dadoda 02/28/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	146331	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	137933	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	68135	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40684	21.316	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.280%		
7) Chloroethane-d5	2.885	69	30899	20.576	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.320%		
11) 1,1-Dichloroethene-d2	4.013	63	47886	16.384	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.520%		
21) 2-Butanone-d5	7.074	46	17040	53.100	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.200%		
24) Chloroform-d	7.653	84	72331	22.154	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	88.600%		
26) 1,2-Dichloroethane-d4	8.305	65	38786	22.854	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.400%		
32) Benzene-d6	8.275	84	140493	21.886	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.560%		
36) 1,2-Dichloropropane-d6	9.274	67	38451	21.569	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.280%		
41) Toluene-d8	10.323	98	131542	20.611	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.440%		
43) trans-1,3-Dichloroprop...	10.573	79	16392	20.738	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.960%		
47) 2-Hexanone-d5	10.921	63	14477	49.374	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.740%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36587	23.385	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.520%		
66) 1,2-Dichlorobenzene-d4	13.853	152	50178	22.929	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.720%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.020	85	398	0.973	ug/L #	68
3) Chloromethane	2.215	50	1868	1.333	ug/L	93
5) Vinyl chloride	2.361	62	3036	1.442	ug/L #	16
6) Bromomethane	2.776	94	1674	1.138	ug/L	85
8) Chloroethane	2.922	64	1572	1.329	ug/L #	61
9) Trichlorofluoromethane	3.263	101	2037	1.425	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	2896m	1.660	ug/L	
12) 1,1-Dichloroethene	4.044	96	2335m	1.545	ug/L	
13) Acetone	4.123	43	1004	3.831	ug/L	92
14) Carbon disulfide	4.385	76	4764	1.216	ug/L	99
15) Methyl Acetate	4.684	43	737	1.249	ug/L #	71
16) Methylene chloride	4.922	84	3200	1.782	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	1955m	1.178	ug/L	
18) Methyl tert-butyl Ether	5.434	73	2478	1.097	ug/L #	74
19) 1,1-Dichloroethane	6.220	63	3289	1.224	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	2139	1.189	ug/L	86
22) 2-Butanone	7.183	43	1246m	3.309	ug/L	
23) Bromochloromethane	7.525	128	1140m	1.298	ug/L	
25) Chloroform	7.683	83	3860	1.231	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	2376	1.230	ug/L #	83
29) Cyclohexane	7.958	56	2624	1.143	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	3396	1.224	ug/L #	88
31) Carbon tetrachloride	8.067	117	2897	1.098	ug/L	97
33) Benzene	8.330	78	7631	1.144	ug/L	100
34) Trichloroethene	9.092	95	2213	1.159	ug/L	93
35) Methylcyclohexane	9.335	83	3497	1.184	ug/L	97
37) 1,2-Dichloropropane	9.372	63	1971	1.267	ug/L #	91
38) Bromodichloromethane	9.646	83	2552	1.144	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	2430	1.028	ug/L	85
40) 4-Methyl-2-pentanone	10.207	43	1822	2.169	ug/L	96
42) Toluene	10.384	91	10237	1.356	ug/L	87
44) trans-1,3-Dichloropropene	10.604	75	2336	1.099	ug/L	91
45) 1,1,2-Trichloroethane	10.786	97	1679	1.217	ug/L	92
46) Tetrachloroethene	10.860	164	1906	1.140	ug/L	90
48) 2-Hexanone	10.963	43	1513	2.595	ug/L #	93
49) Dibromochloromethane	11.128	129	1787	1.066	ug/L	97
50) 1,2-Dibromoethane	11.238	107	1518	1.141	ug/L #	98
51) Chlorobenzene	11.658	112	5817	1.107	ug/L	93
52) Ethylbenzene	11.731	91	8876	1.063	ug/L	90
53) m,p-Xylene	11.835	106	3502	1.019	ug/L	93
54) o-Xylene	12.164	106	3111	0.962	ug/L	95
55) Styrene	12.176	104	5246	0.968	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	2124	1.327	ug/L #	83
59) Bromoform	12.353	173	893	0.991	ug/L #	92
60) Isopropylbenzene	12.463	105	8737	1.068	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	1456	1.354	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	5668	1.042	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	7402	1.114	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	4554	1.122	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	5011	1.232	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	4295	1.191	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.493	75	264m	1.161	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	3128	1.074	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	2514	1.141	ug/L	99
71) Naphthalene	15.359	128	4327	1.112	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	2138	1.122	ug/L	97

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

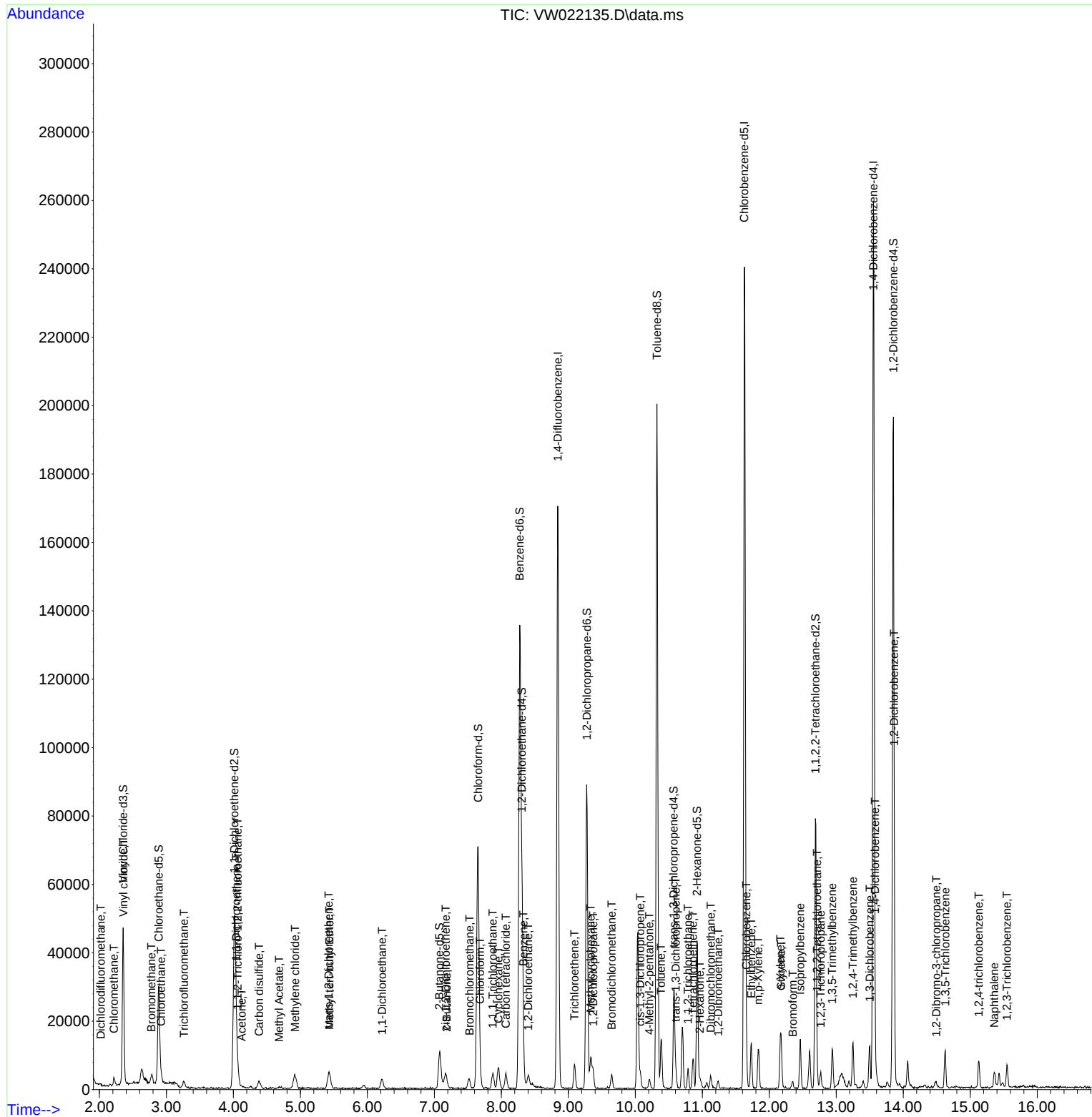
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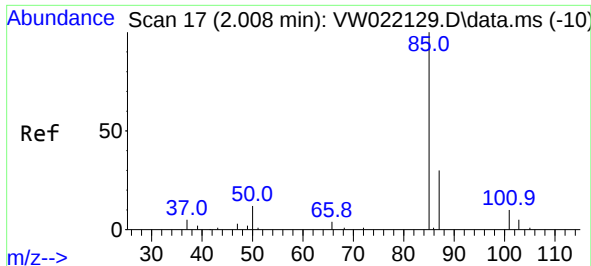
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 ClientSampleId :
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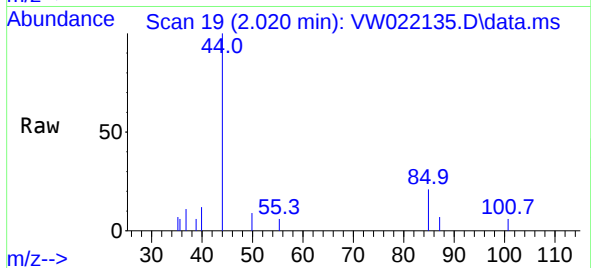
Reviewed By : Semsettin Yesilyurt 02/25/2022
 Supervised By : Mahesh Dadoda 02/28/2022





#2
Dichlorodifluoromethane
Concen: 0.973 ug/L
RT: 2.020 min Scan# 19
Delta R.T. 0.012 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

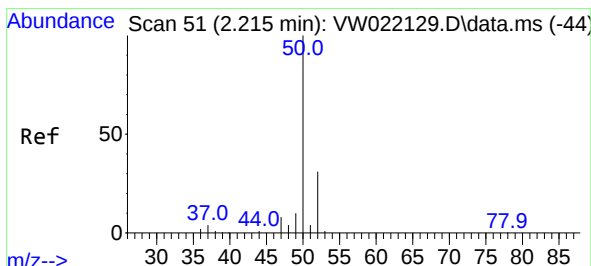
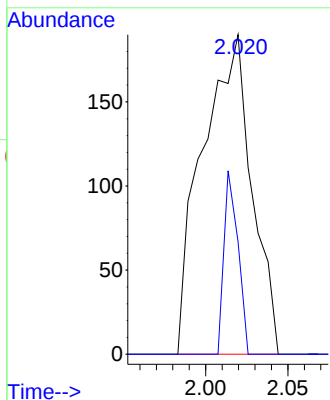
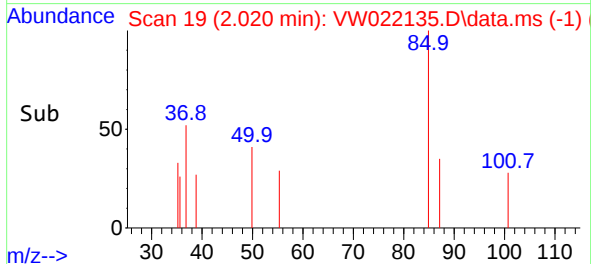
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ClientSampleId : MDL-SOIL-QT1-2022-02



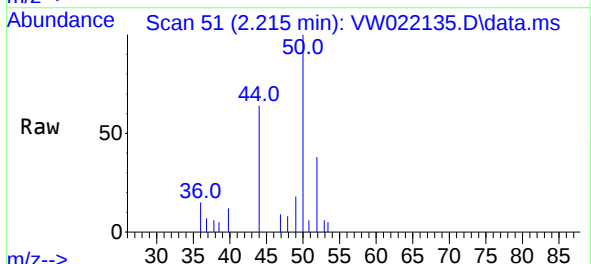
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Ion Ratio Lower Upper
85 100
87 16.1 27.6 41.4

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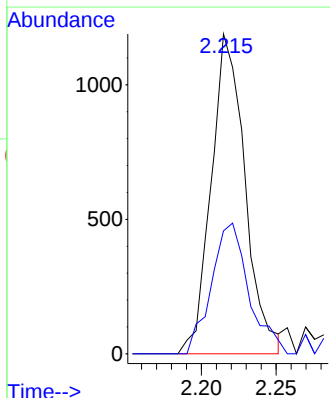
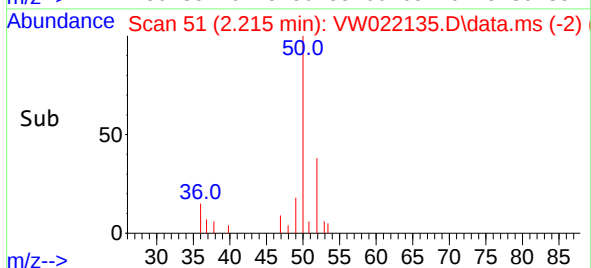
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022

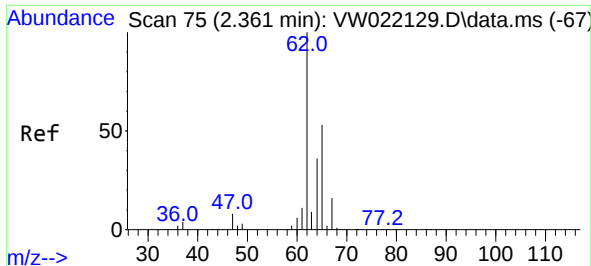


#3
Chloromethane
Concen: 1.333 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45



Tgt Ion: 50 Resp: 1868
Ion Ratio Lower Upper
50 100
52 38.4 23.9 44.5





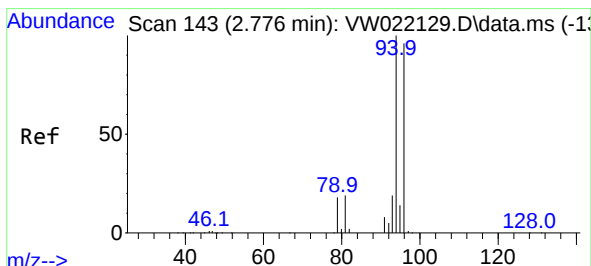
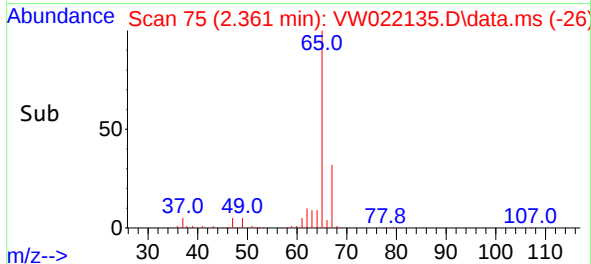
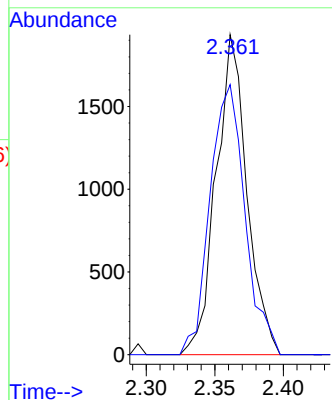
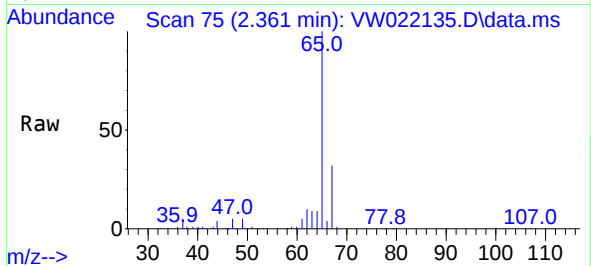
#5
 Vinyl chloride
 Concen: 1.442 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022135.D
 Acq: 24 Feb 2022 13:45

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT1-2022-02

Tgt Ion: 62 Resp: 3030
 Ion Ratio Lower Upper
 62 100
 64 84.4 24.7 45.9

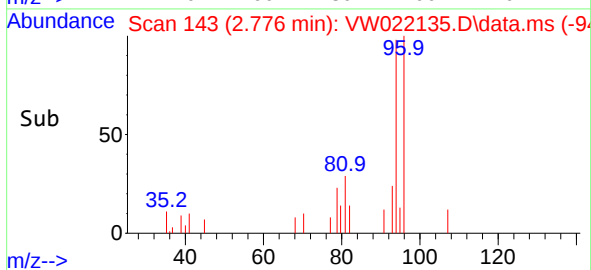
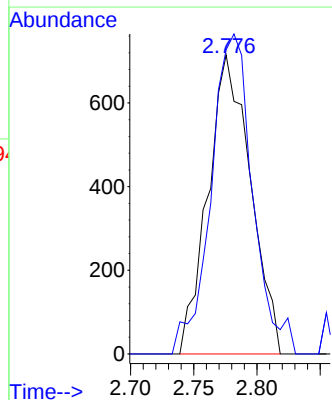
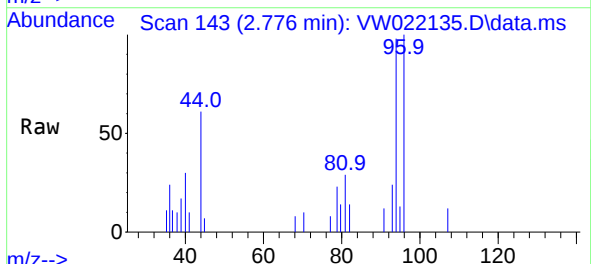
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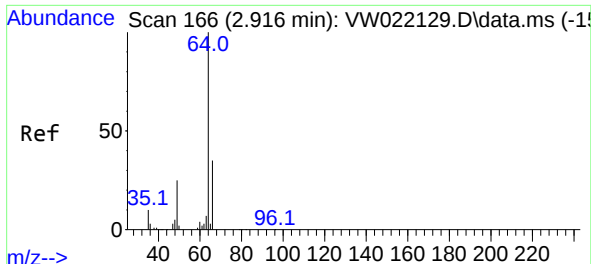
Reviewed By :Semsettin Yesilyurt 02/25/2022
 Supervised By :Mahesh Dadoda 02/28/2022



#6
 Bromomethane
 Concen: 1.138 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW022135.D
 Acq: 24 Feb 2022 13:45

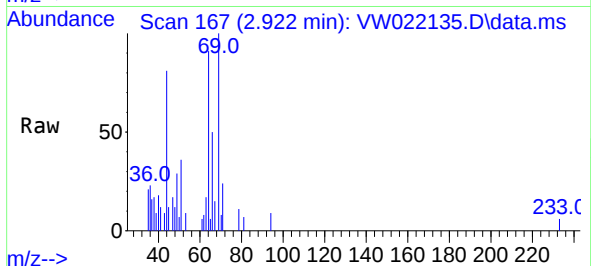
Tgt Ion: 94 Resp: 1674
 Ion Ratio Lower Upper
 94 100
 96 101.7 61.2 113.8





#8
Chloroethane
Concen: 1.329 ug/L
RT: 2.922 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

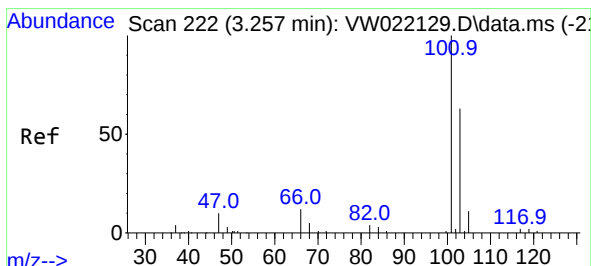
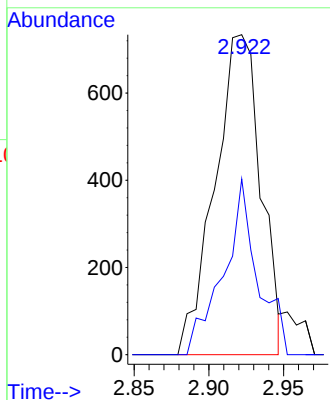
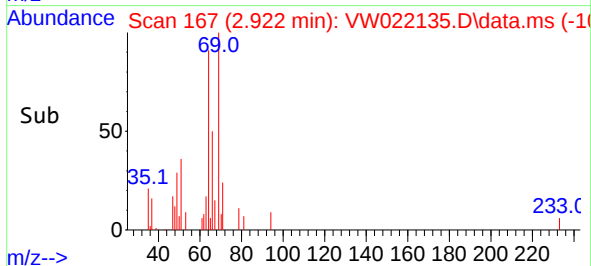
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion: 64 Resp: 1572
Ion Ratio Lower Upper
64 100
66 54.9 23.2 43.0

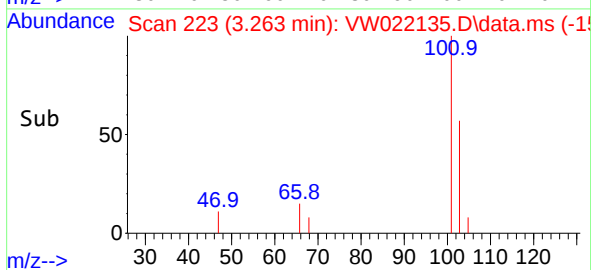
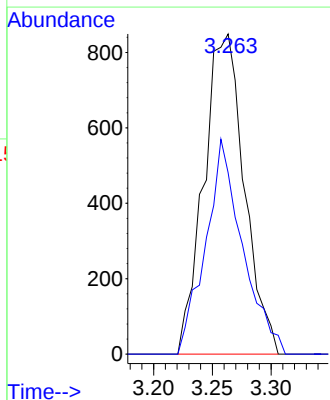
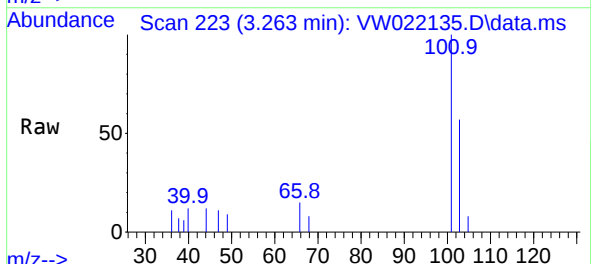
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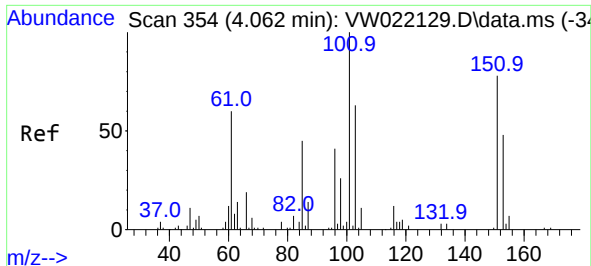
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#9
Trichlorofluoromethane
Concen: 1.425 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

Tgt Ion:101 Resp: 2037
Ion Ratio Lower Upper
101 100
103 61.0 53.2 79.8





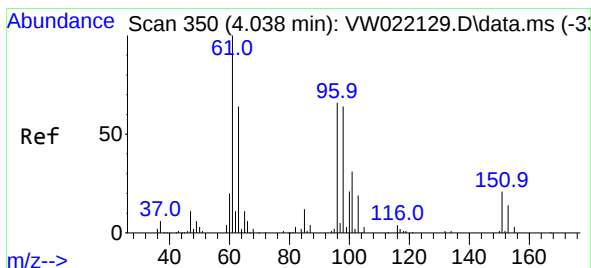
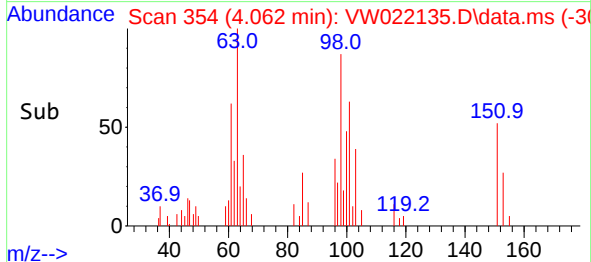
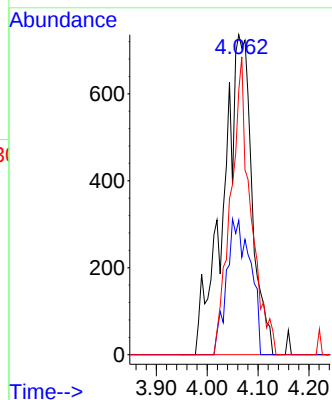
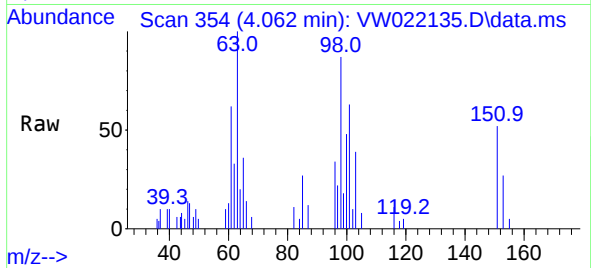
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.660 ug/L m
RT: 4.062 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW022135.D
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Tgt Ion:101 Resp: 2890
Ion Ratio Lower Upper
101 100
85 0.0 34.4 51.6
151 63.1 59.0 88.4

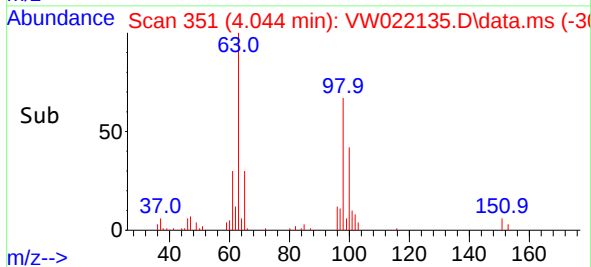
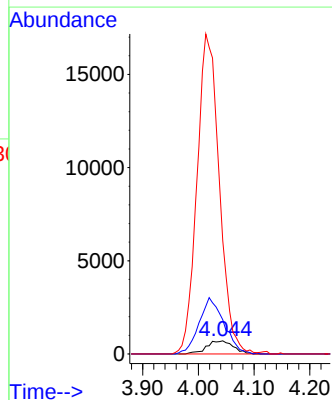
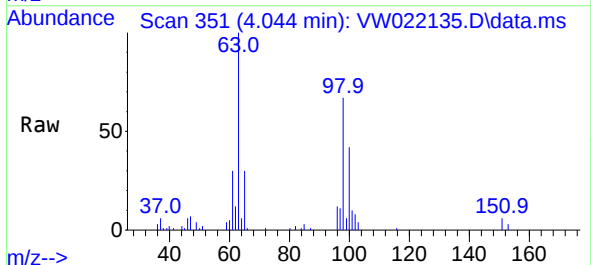
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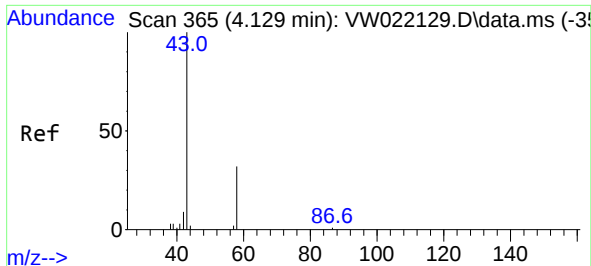
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#12
1,1-Dichloroethene
Concen: 1.545 ug/L m
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

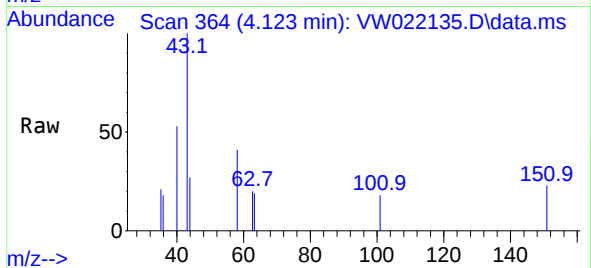
Tgt Ion: 96 Resp: 2335
Ion Ratio Lower Upper
96 100
61 259.6 108.4 201.2#
63 860.3 72.0 133.6#





#13
Acetone
Concen: 3.831 ug/L
RT: 4.123 min Scan# 304
Delta R.T. -0.006 min
Lab File: VW022135.D
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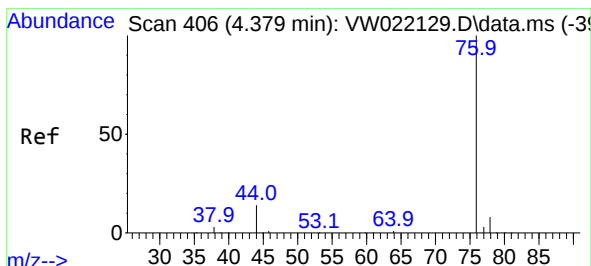
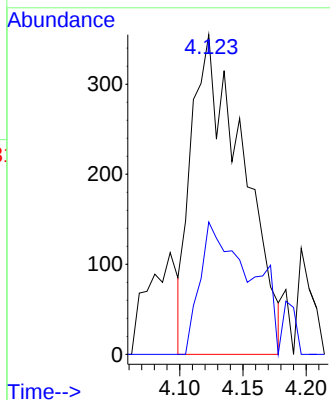
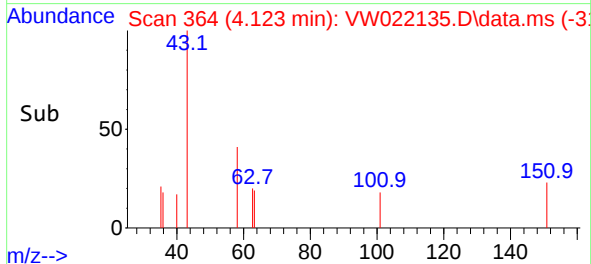
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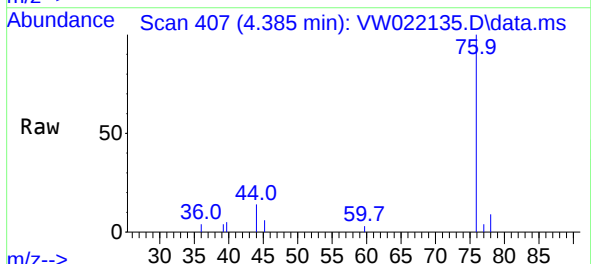
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Ion Ratio Lower Upper
43 100
58 30.2 0.0 69.2

Manual Integrations
APPROVED

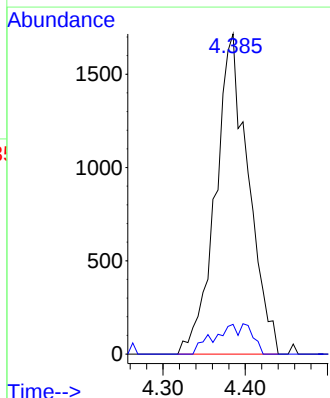
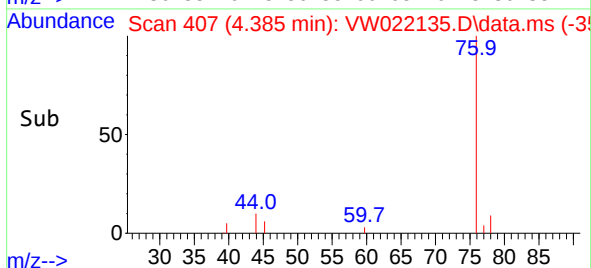
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022

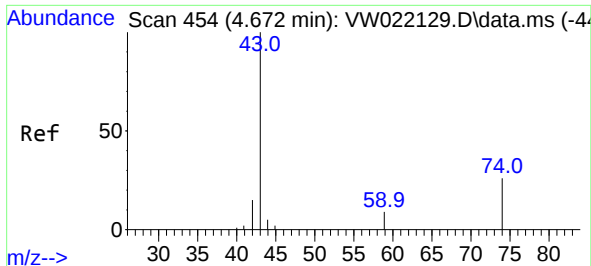


#14
Carbon disulfide
Concen: 1.216 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45



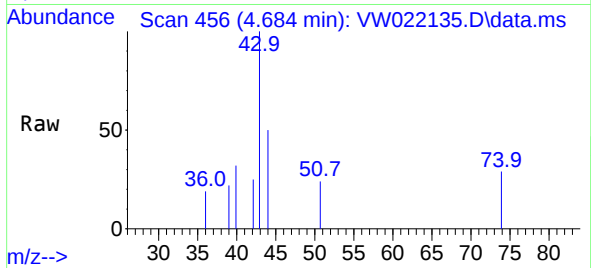
Tgt Ion: 76 Resp: 4764
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8





#15
Methyl Acetate
Concen: 1.249 ug/L
RT: 4.684 min Scan# 454
Delta R.T. 0.012 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

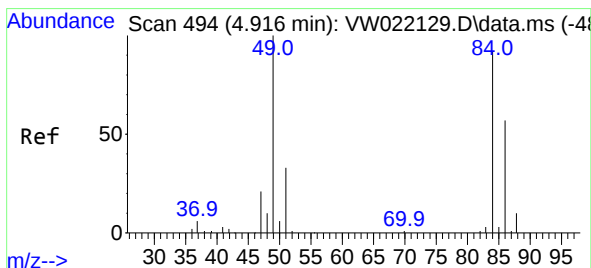
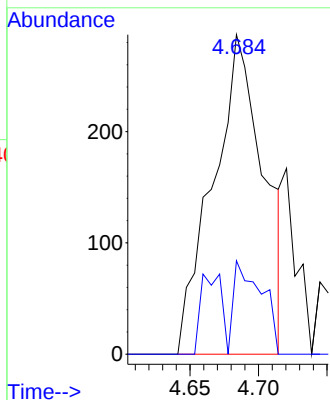
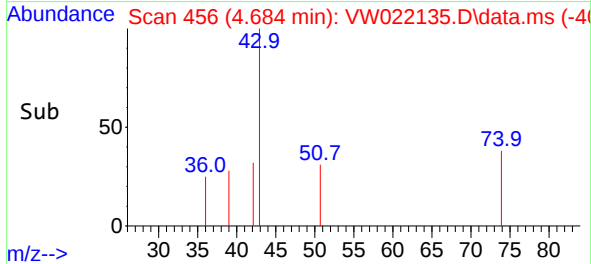
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
74 13.3 23.0 34.6

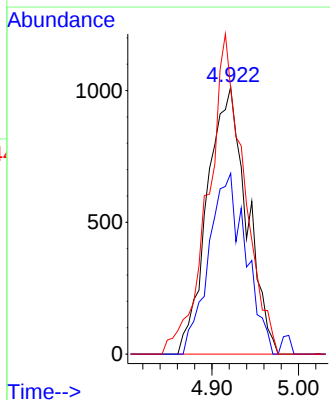
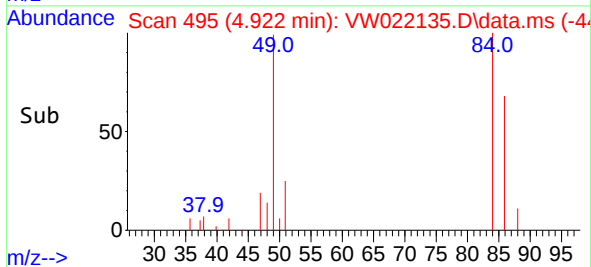
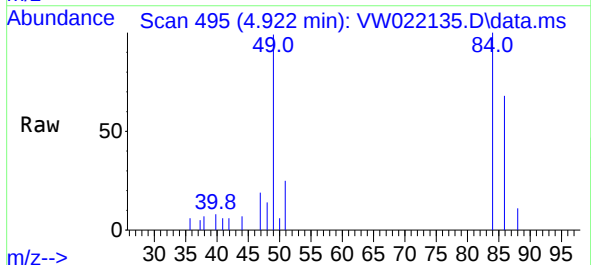
Manual Integrations
APPROVED

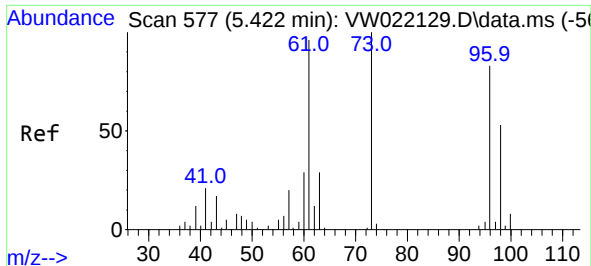
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#16
Methylene chloride
Concen: 1.782 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

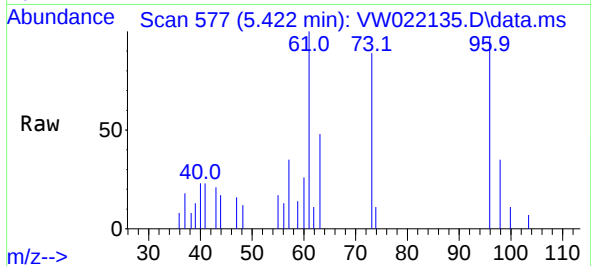
Tgt Ion: 84 Resp: 3200
Ion Ratio Lower Upper
84 100
86 67.7 45.8 85.0
49 99.3 73.8 137.0





#17
trans-1,2-Dichloroethene
Concen: 1.178 ug/L m
RT: 5.422 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

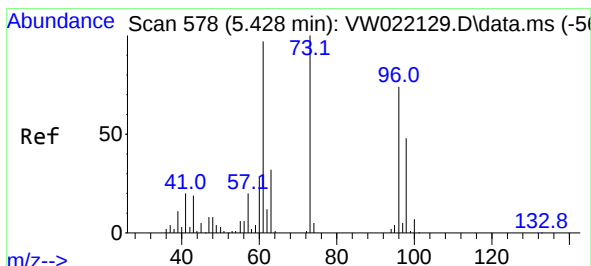
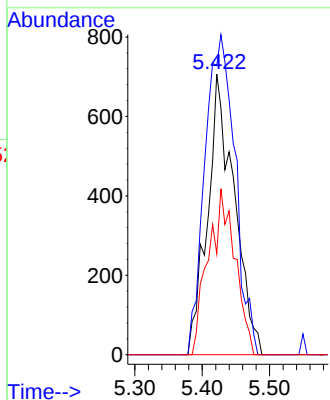
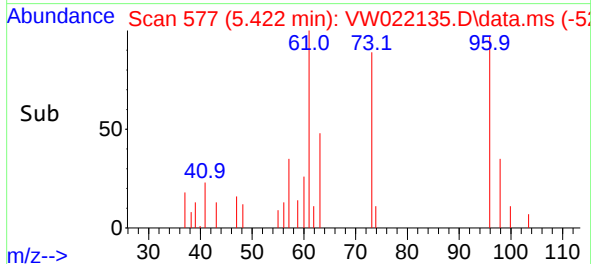
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion: 96 Resp: 1958
Ion Ratio Lower Upper
96 100
61 103.0 87.3 162.1
98 36.1 43.2 80.2

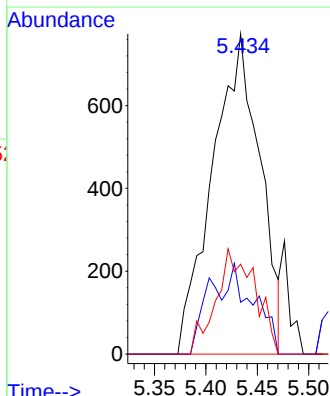
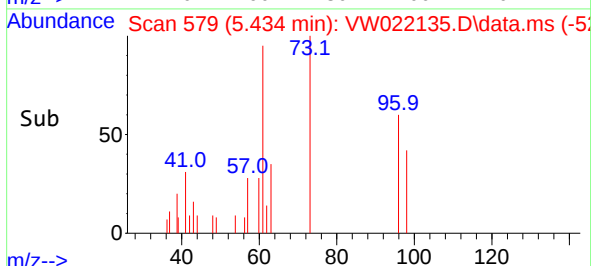
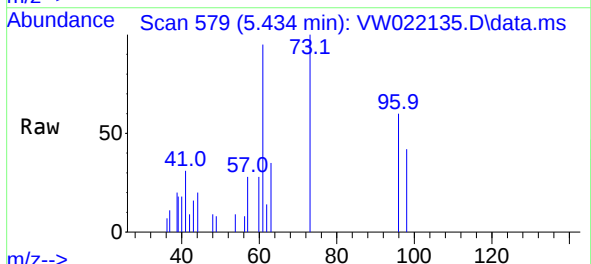
Manual Integrations
APPROVED

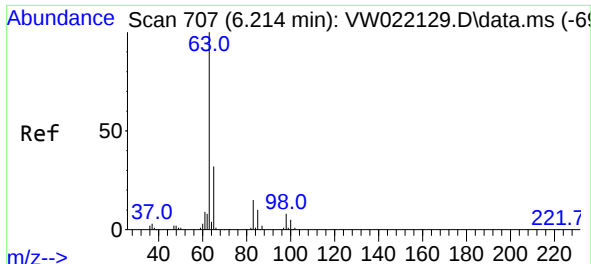
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#18
Methyl tert-butyl Ether
Concen: 1.097 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

Tgt Ion: 73 Resp: 2478
Ion Ratio Lower Upper
73 100
43 2.9 15.4 23.2#
57 13.2 16.5 24.7#





#19

1,1-Dichloroethane

Concen: 1.224 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT1-2022-02

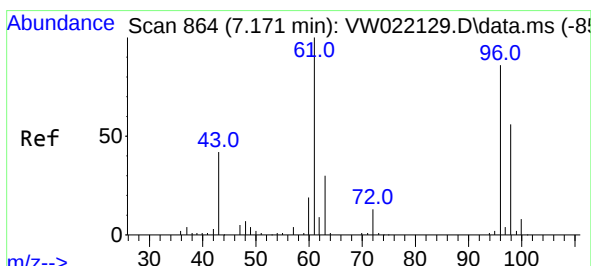
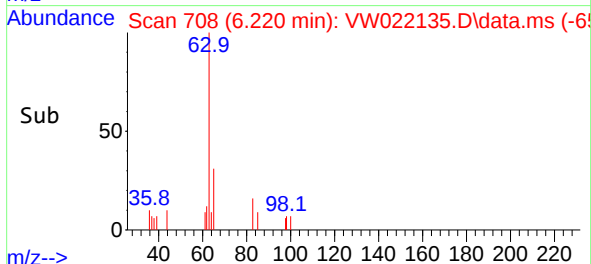
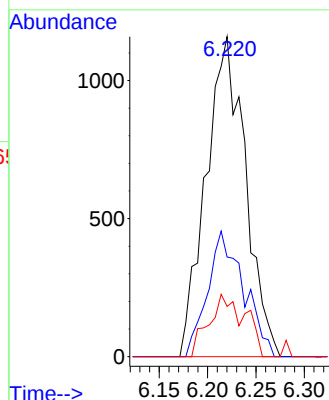
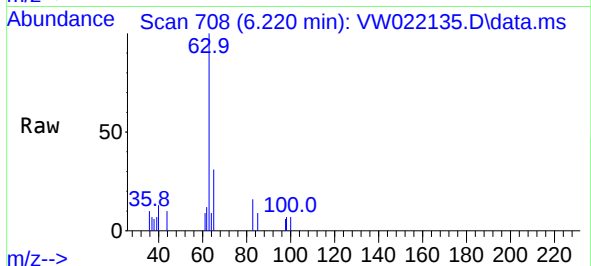
Tgt Ion: 63 Resp: 3289

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.5	41.9
83	15.7	11.5	21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#20

cis-1,2-Dichloroethene

Concen: 1.189 ug/L

RT: 7.171 min Scan# 864

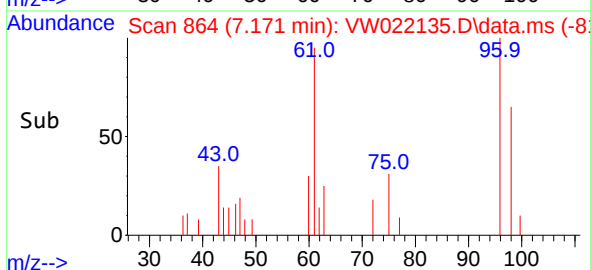
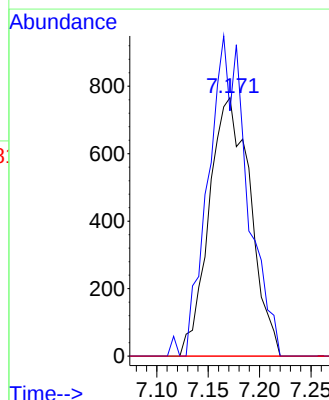
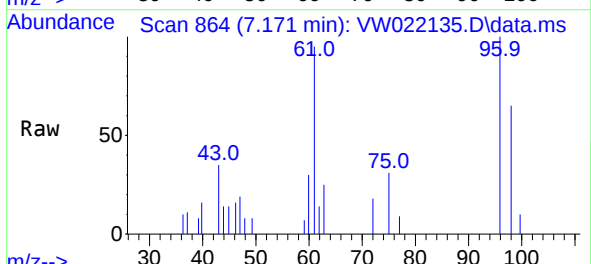
Delta R.T. 0.000 min

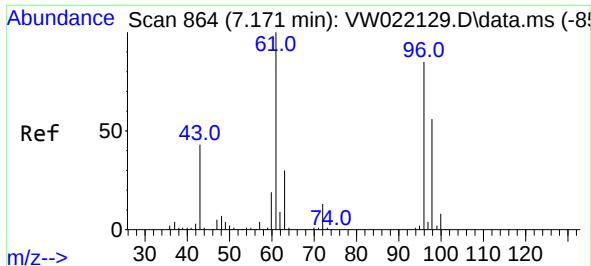
Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Tgt Ion: 96 Resp: 2139

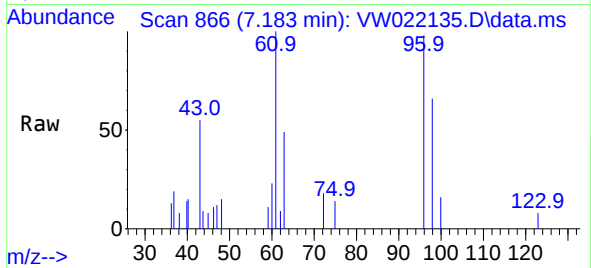
Ion	Ratio	Lower	Upper
96	100		
61	94.9	76.8	142.6
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 3.309 ug/L m
RT: 7.183 min Scan# 864
Delta R.T. 0.012 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

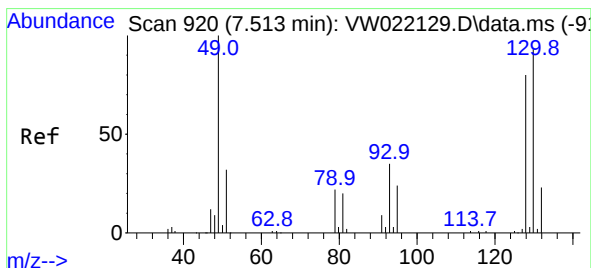
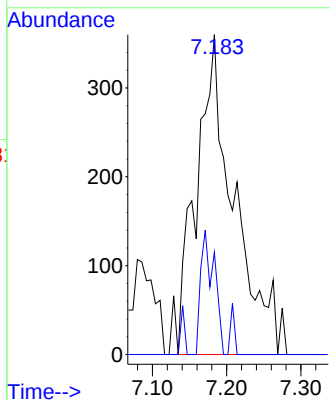
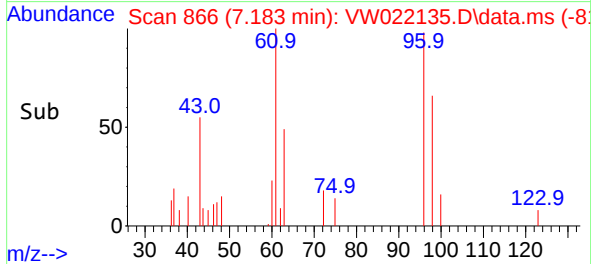
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT1-2022-02



Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
72 14.2 17.0 51.0

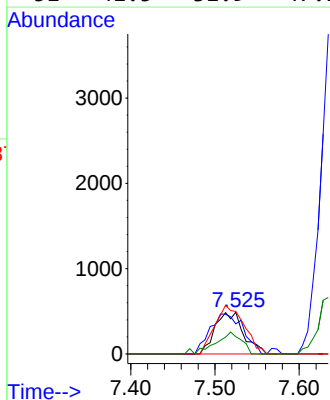
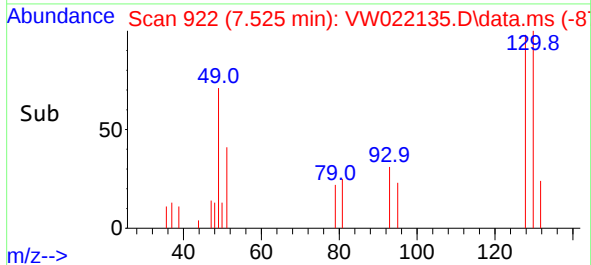
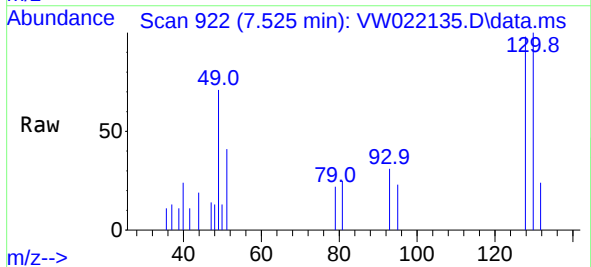
Manual Integrations
APPROVED

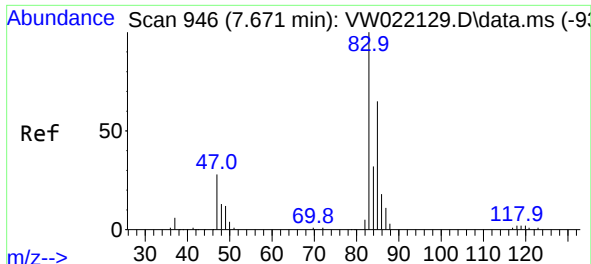
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#23
Bromochloromethane
Concen: 1.298 ug/L m
RT: 7.525 min Scan# 922
Delta R.T. 0.012 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

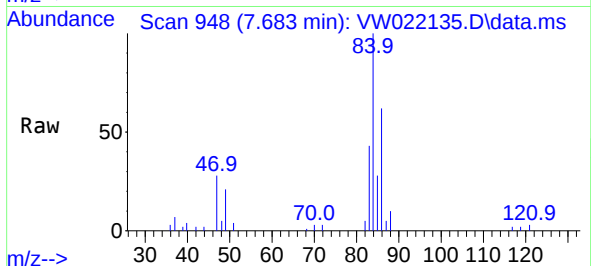
Tgt Ion:128 Resp: 1140
Ion Ratio Lower Upper
128 100
49 72.2 84.2 156.4#
130 102.0 84.8 157.4
51 41.5 31.9 47.9





#25
Chloroform
Concen: 1.231 ug/L
RT: 7.683 min Scan# 946
Delta R.T. 0.012 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

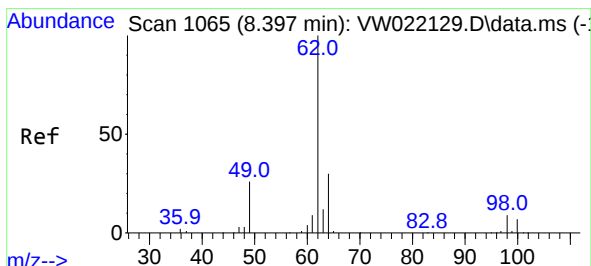
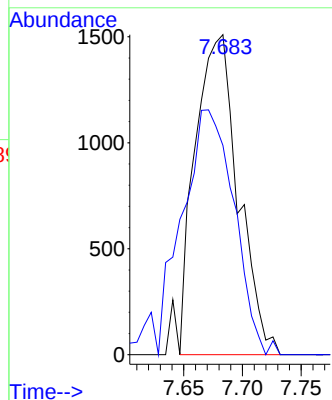
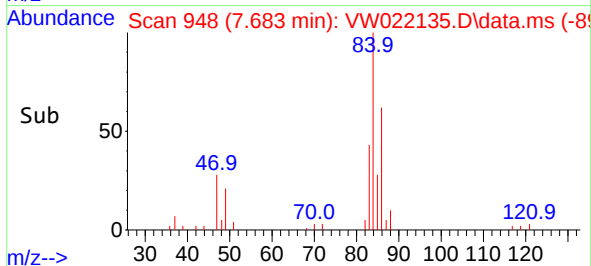
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion: 83 Resp: 3860
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.9

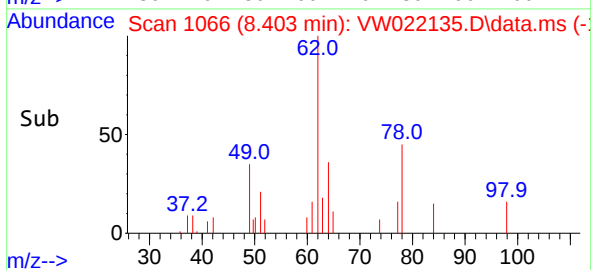
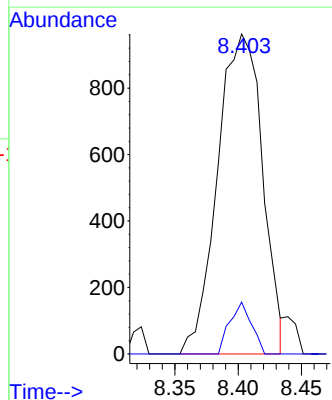
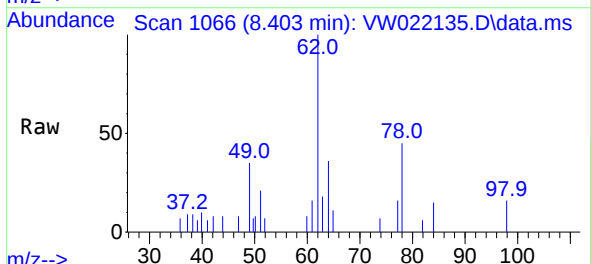
Manual Integrations
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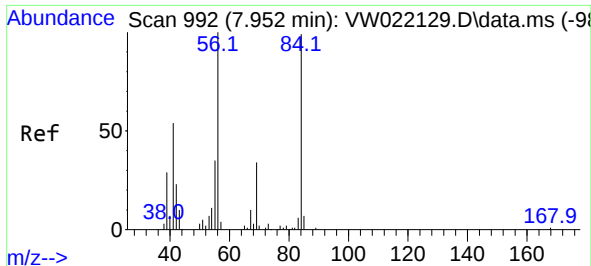
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#27
1,2-Dichloroethane
Concen: 1.230 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

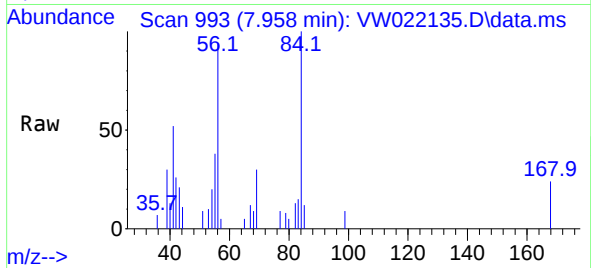
Tgt Ion: 62 Resp: 2376
Ion Ratio Lower Upper
62 100
98 16.2 7.9 11.9





#29
Cyclohexane
Concen: 1.143 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

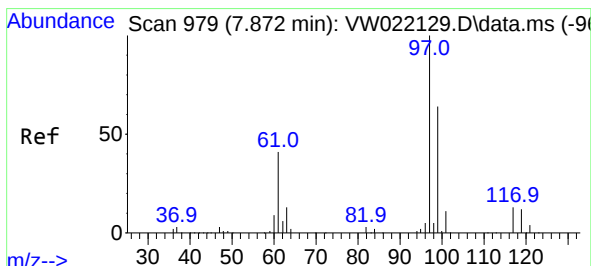
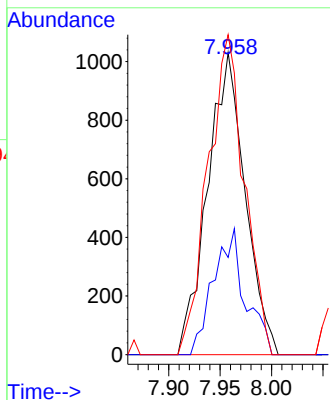
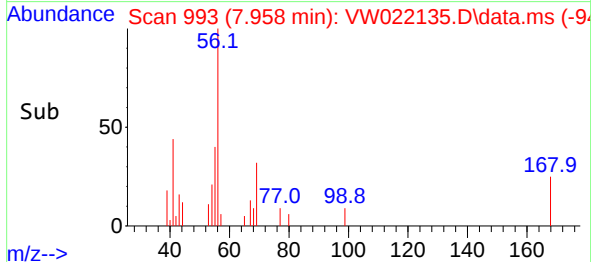
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02



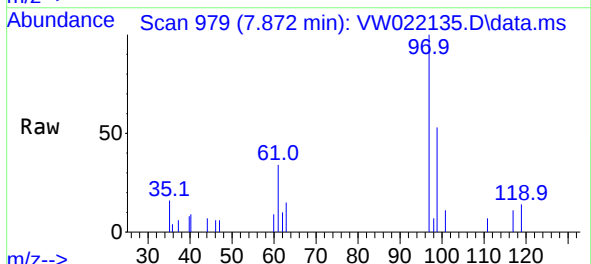
Tgt Ion: 56 Resp: 2624
Ion Ratio Lower Upper
56 100
69 29.8 26.3 39.5
84 102.5 81.4 122.2

Manual Integrations
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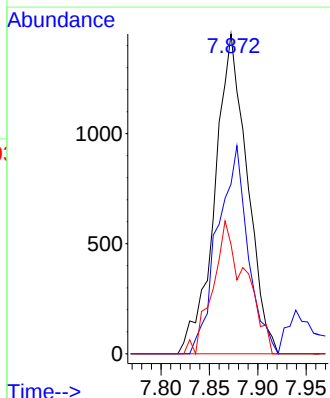
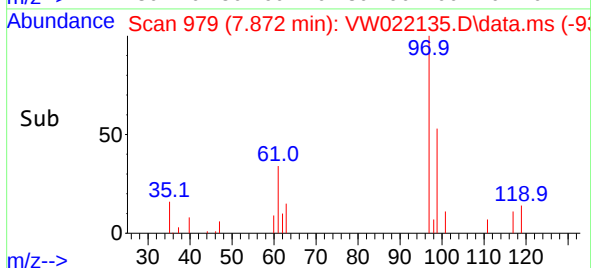
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022

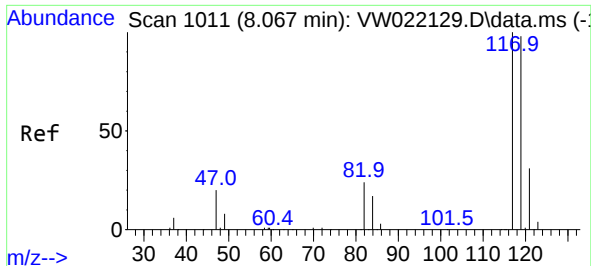


#30
1,1,1-Trichloroethane
Concen: 1.224 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45



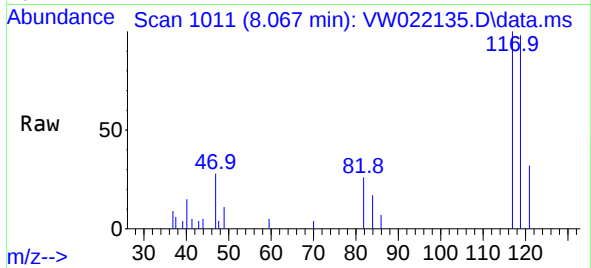
Tgt Ion: 97 Resp: 3396
Ion Ratio Lower Upper
97 100
99 60.9 52.6 78.8
61 27.6 33.0 49.6





#31
Carbon tetrachloride
Concen: 1.098 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

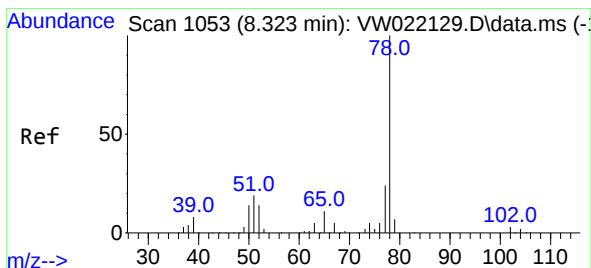
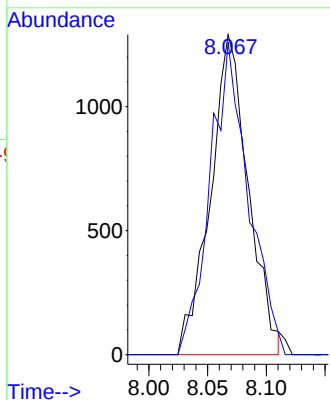
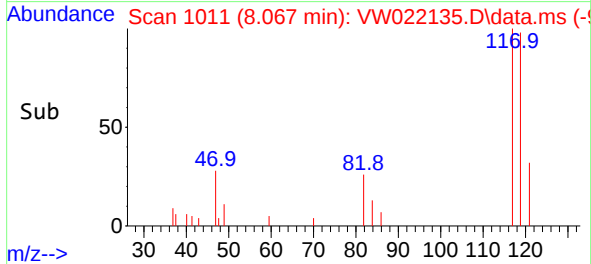
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT1-2022-02



Tgt Ion:117 Resp: 289
Ion Ratio Lower Upper
117 100
119 98.8 76.7 115.1

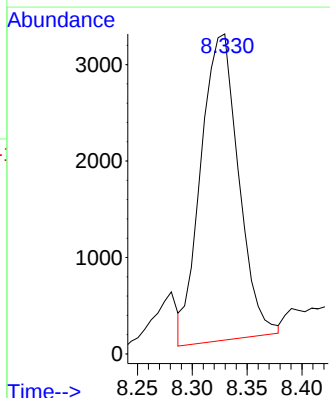
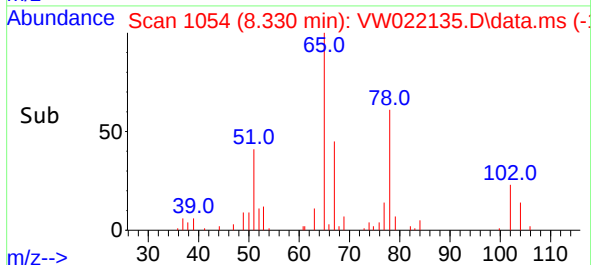
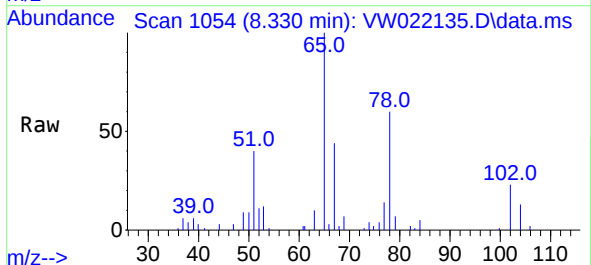
Manual Integrations
APPROVED

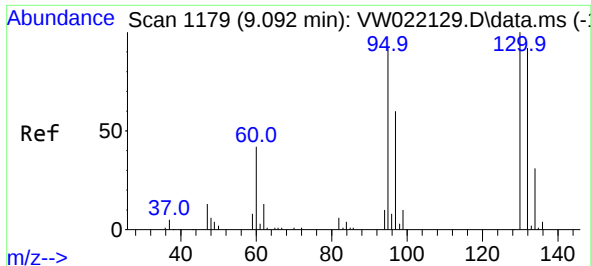
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#33
Benzene
Concen: 1.144 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

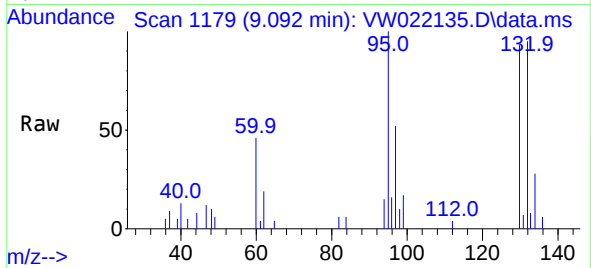
Tgt Ion: 78 Resp: 7631





#34
Trichloroethene
Concen: 1.159 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

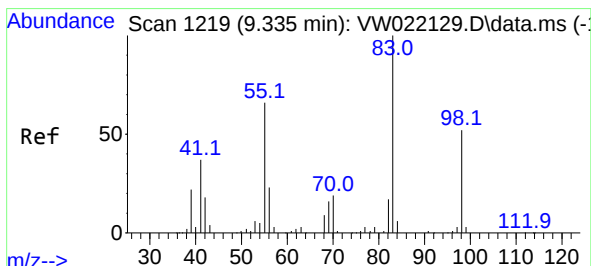
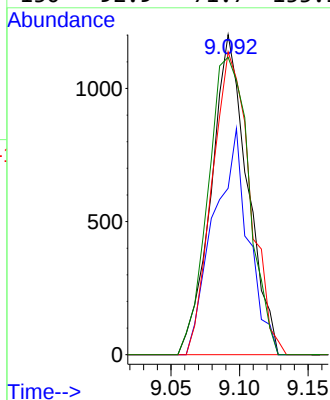
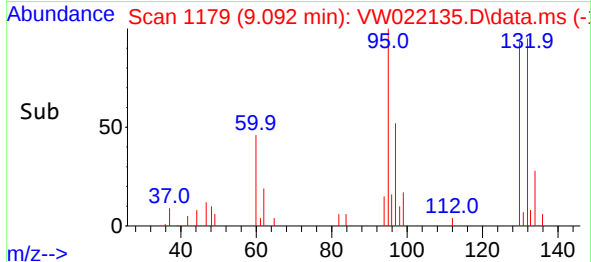
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02



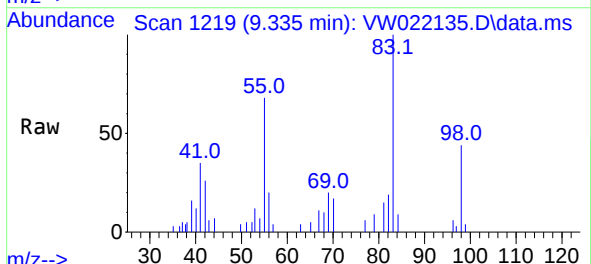
Tgt Ion: 95 Resp: 221
Ion Ratio Lower Upper
95 100
97 52.0 44.4 82.4
132 102.4 71.7 133.1
130 92.9 71.7 133.1

Manual Integrations
APPROVED

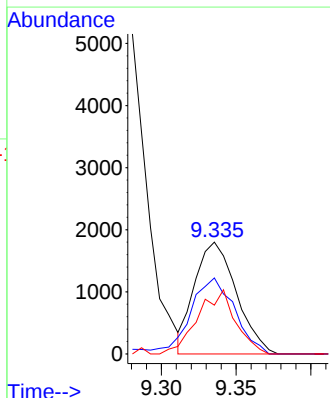
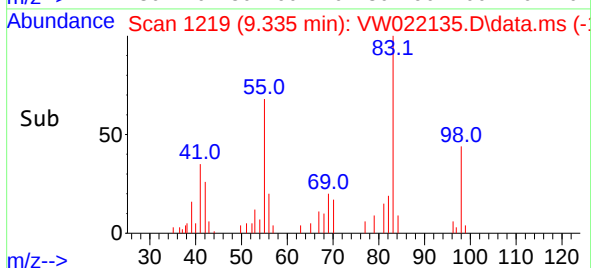
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022

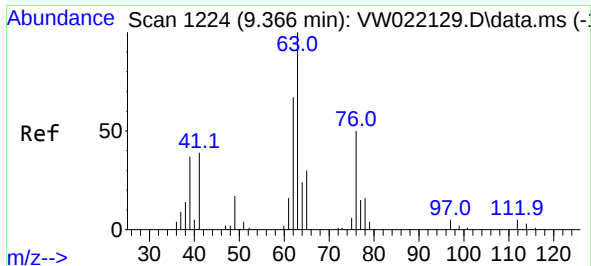


#35
Methylcyclohexane
Concen: 1.184 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45



Tgt Ion: 83 Resp: 3497
Ion Ratio Lower Upper
83 100
55 71.3 53.8 80.8
98 52.0 42.1 63.1





#37

1,2-Dichloropropane

Concen: 1.267 ug/L

RT: 9.372 min Scan# 112

Delta R.T. 0.006 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Instrument :

MSVOA_W

ClientSampleId :

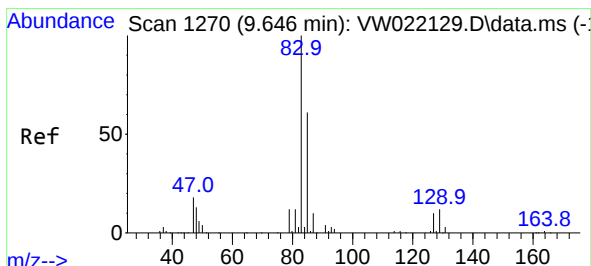
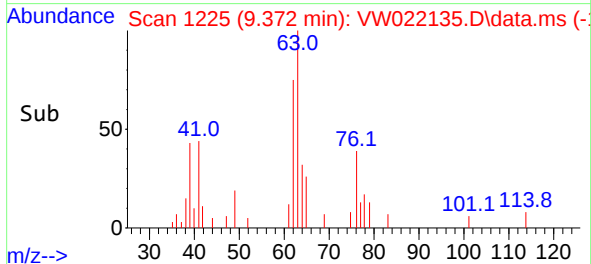
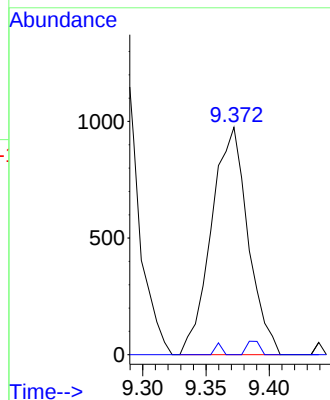
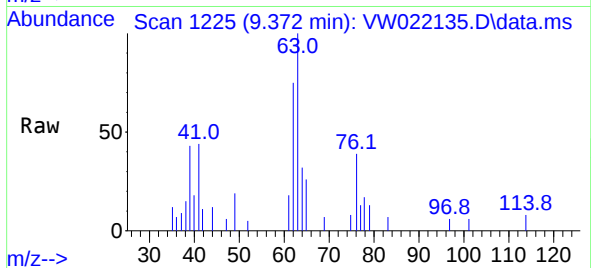
MDL-SOIL-QT1-2022-02

Tgt Ion: 63 Resp: 197
 Ion Ratio Lower Upper
 63 100
 112 2.1 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/25/2022
 Supervised By :Mahesh Dadoda 02/28/2022



#38

Bromodichloromethane

Concen: 1.144 ug/L

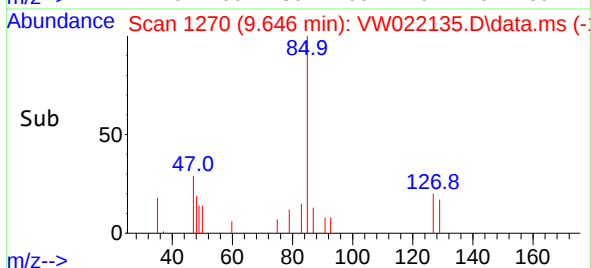
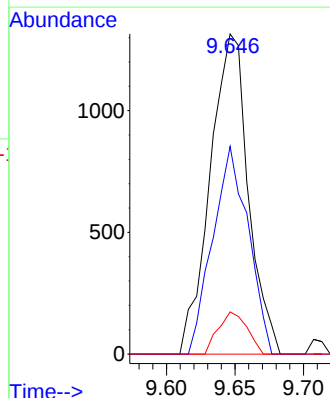
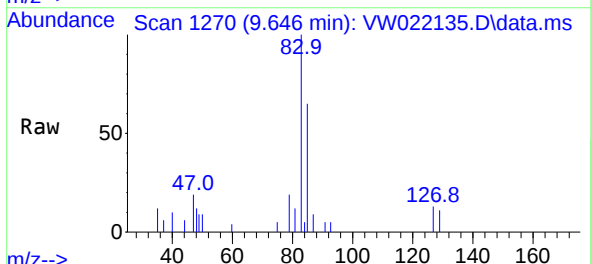
RT: 9.646 min Scan# 1270

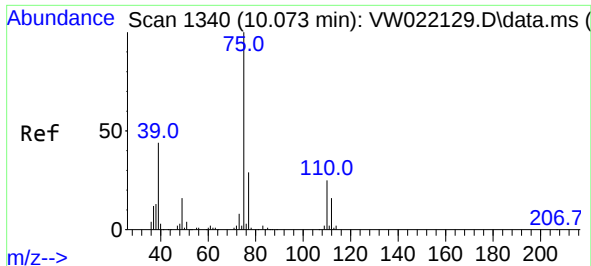
Delta R.T. -0.000 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

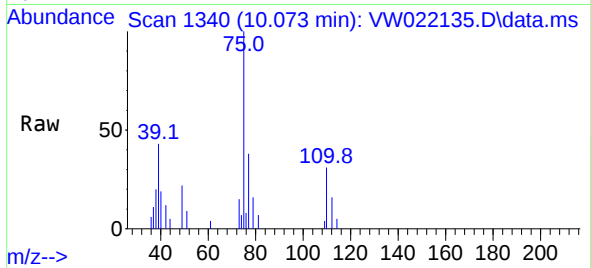
Tgt Ion: 83 Resp: 2552
 Ion Ratio Lower Upper
 83 100
 85 64.9 47.9 89.1
 127 13.2 7.5 11.3





#39
cis-1,3-Dichloropropene
Concen: 1.028 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

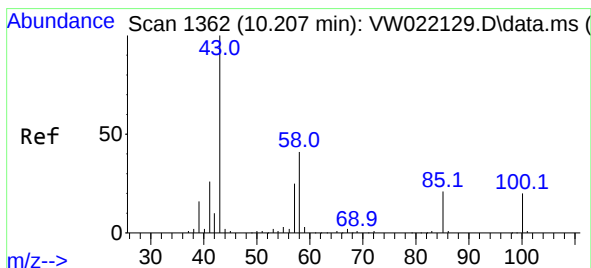
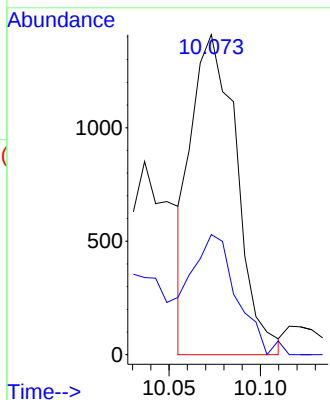
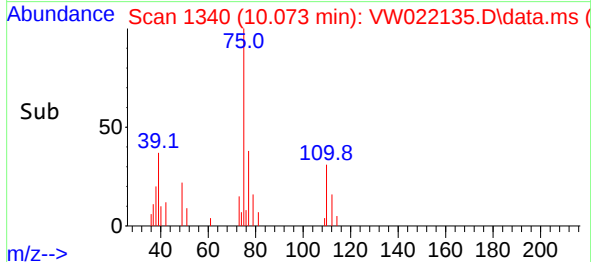
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT1-2022-02



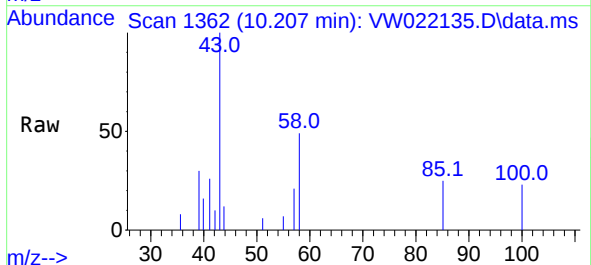
Tgt Ion: 75 Resp: 2430
Ion Ratio Lower Upper
75 100
77 37.6 20.6 38.2

Manual Integrations
APPROVED

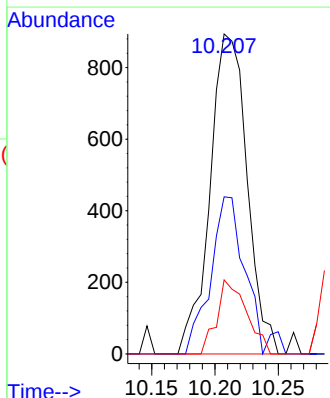
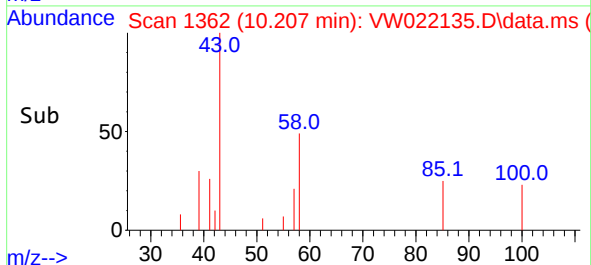
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022

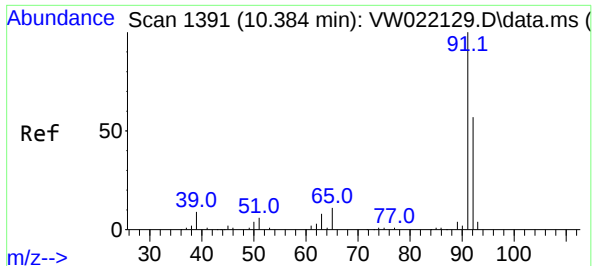


#40
4-Methyl-2-pentanone
Concen: 2.169 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45



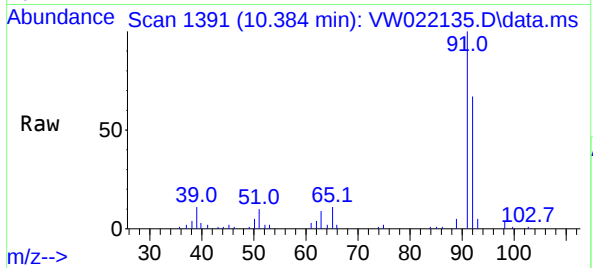
Tgt Ion: 43 Resp: 1822
Ion Ratio Lower Upper
43 100
58 44.5 33.2 49.8
100 18.5 16.1 24.1





#42
Toluene
Concen: 1.356 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

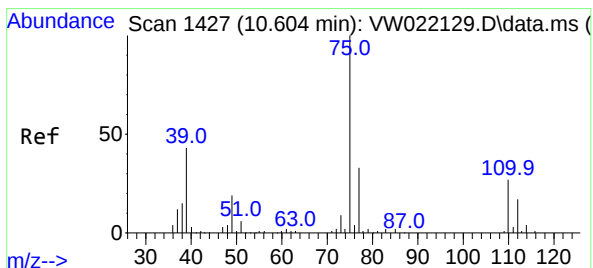
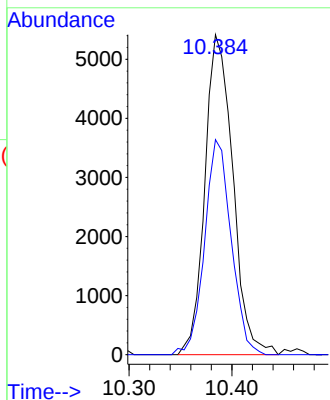
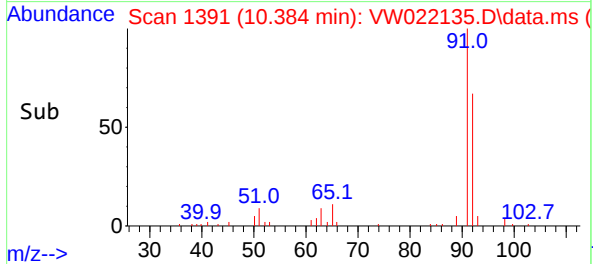
Instrument : MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02



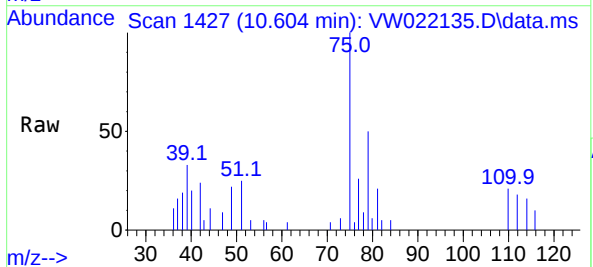
Tgt Ion: 91 Resp: 1023
Ion Ratio Lower Upper
91 100
92 67.2 40.4 75.0

Manual Integrations
APPROVED

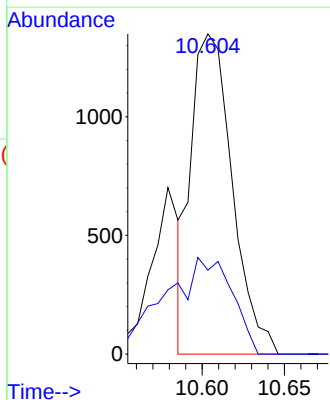
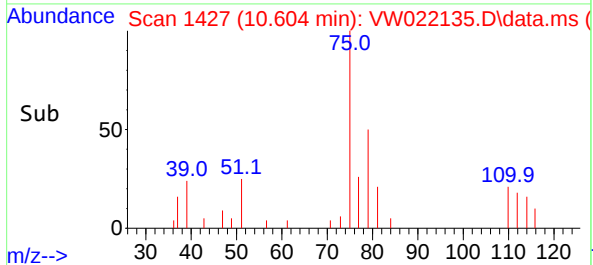
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022

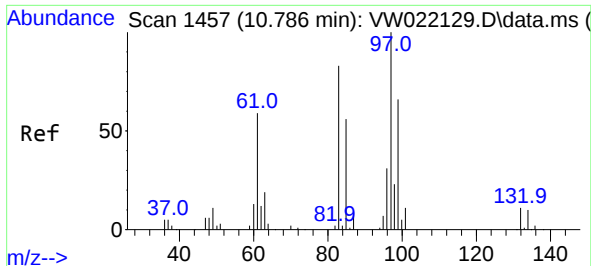


#44
trans-1,3-Dichloropropene
Concen: 1.099 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45



Tgt Ion: 75 Resp: 2336
Ion Ratio Lower Upper
75 100
77 26.2 22.0 40.8





#45
1,1,2-Trichloroethane
Concen: 1.217 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

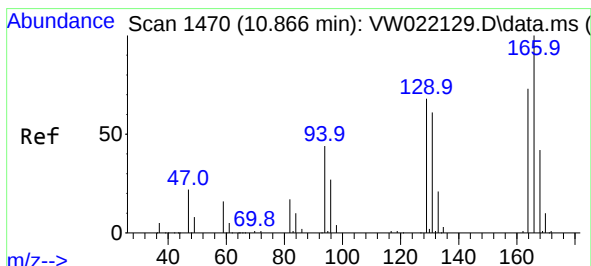
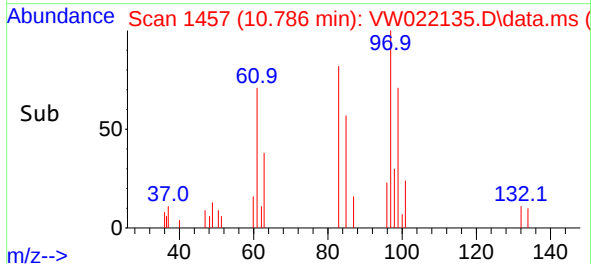
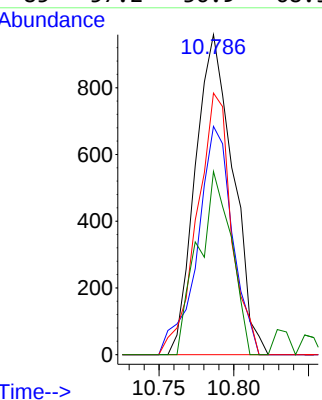
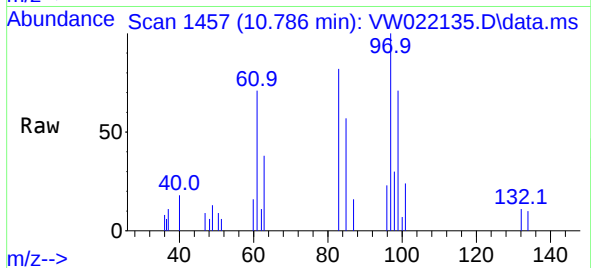
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT1-2022-02

Tgt Ion: 97 Resp: 1679

Ion	Ratio	Lower	Upper
97	100		
99	71.3	43.5	80.7
83	81.8	53.5	99.3
85	57.2	36.9	68.5

Manual Integrations
APPROVED

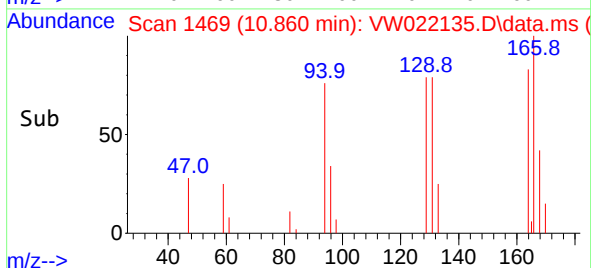
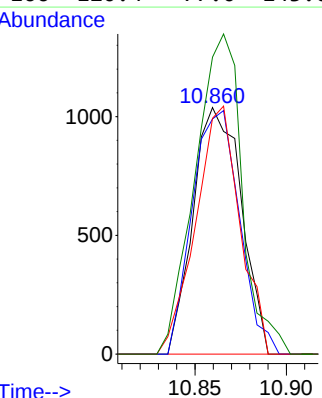
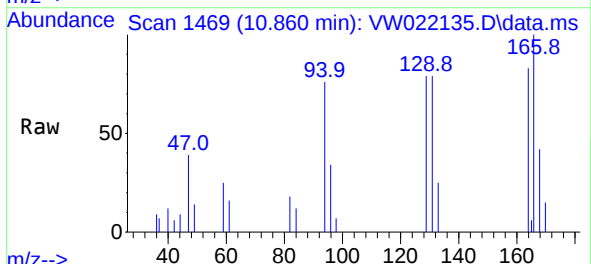
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022

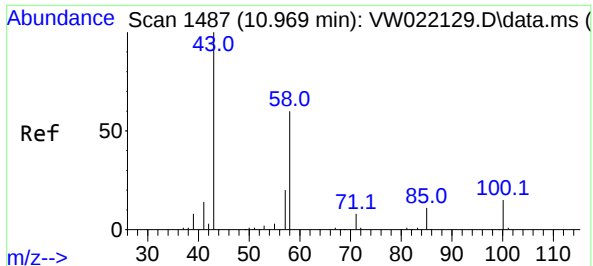


#46
Tetrachloroethene
Concen: 1.140 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

Tgt Ion:164 Resp: 1906

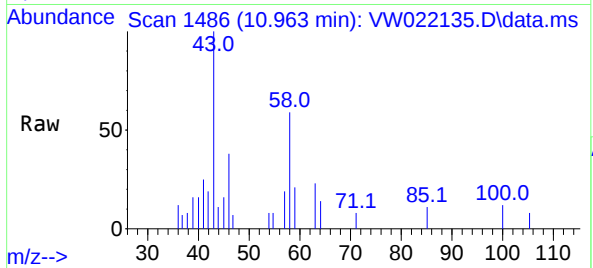
Ion	Ratio	Lower	Upper
164	100		
129	95.4	60.3	111.9
131	95.7	59.9	111.3
166	120.4	77.0	143.0





#48
2-Hexanone
Concen: 2.595 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

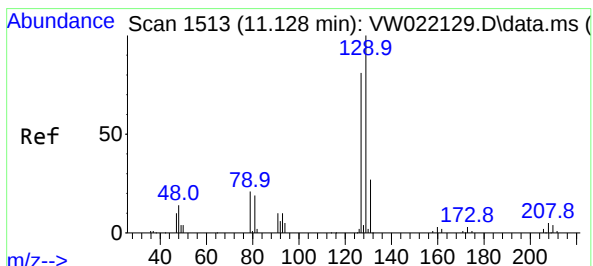
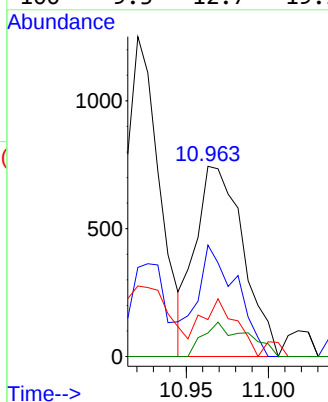
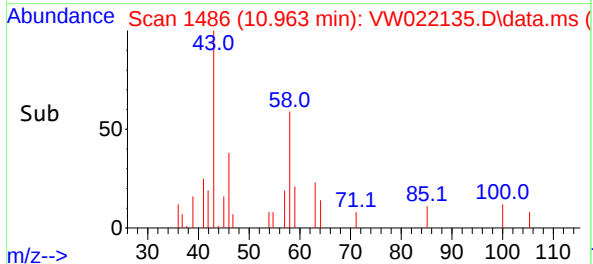
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 51.6 44.6 66.8
57 21.7 15.8 23.8
100 9.3 12.7 19.1#

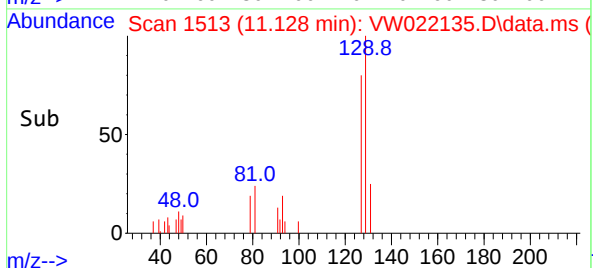
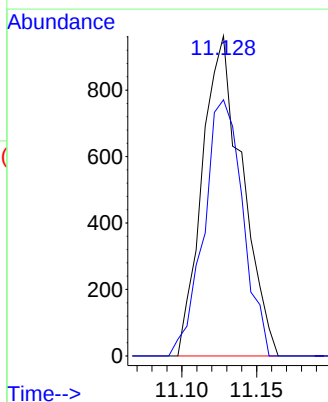
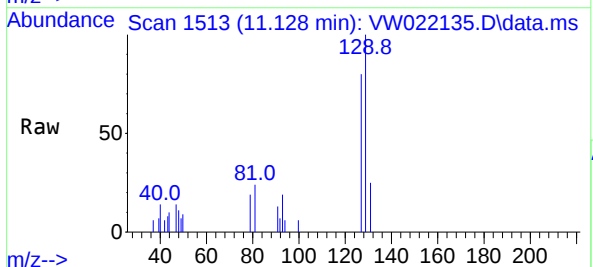
Manual Integrations
APPROVED

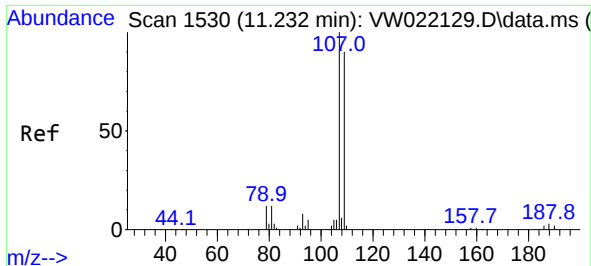
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#49
Dibromochloromethane
Concen: 1.066 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

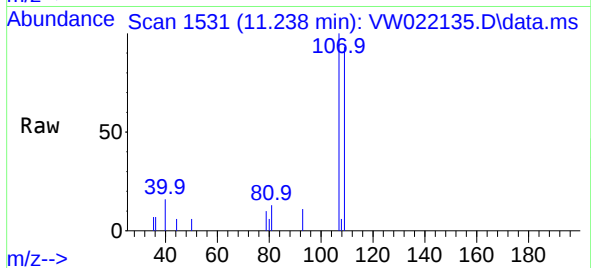
Tgt Ion:129 Resp: 1787
Ion Ratio Lower Upper
129 100
127 80.1 54.5 101.1





#50
1,2-Dibromoethane
Concen: 1.141 ug/L
RT: 11.238 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

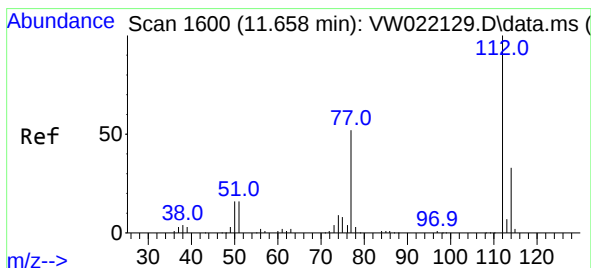
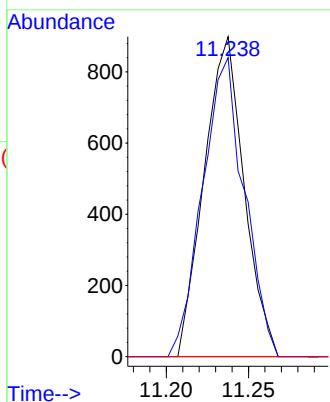
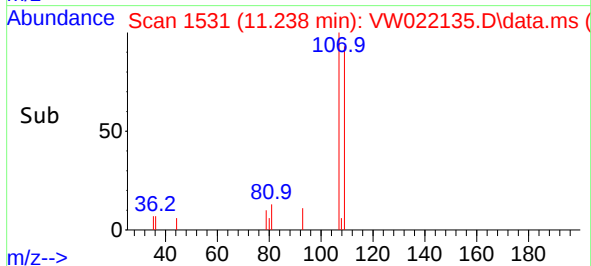
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion:107 Resp: 1518
Ion Ratio Lower Upper
107 100
109 93.4 66.8 124.2
188 0.0 2.6 4.0

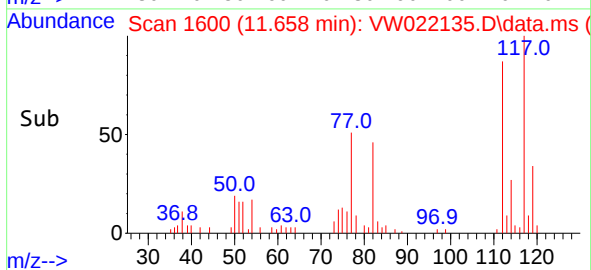
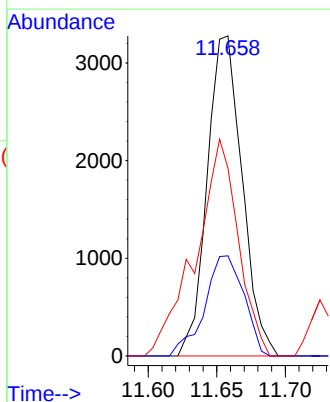
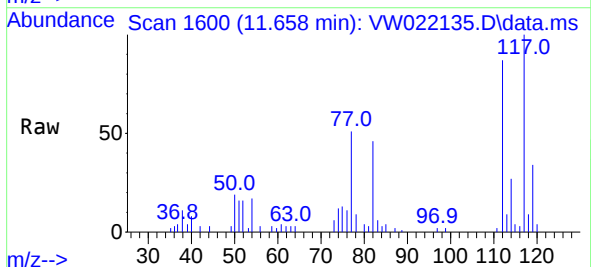
Manual Integrations
APPROVED

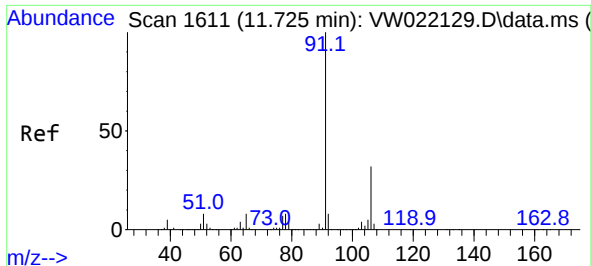
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#51
Chlorobenzene
Concen: 1.107 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

Tgt Ion:112 Resp: 5817
Ion Ratio Lower Upper
112 100
114 31.3 23.0 42.8
77 58.7 41.8 62.6





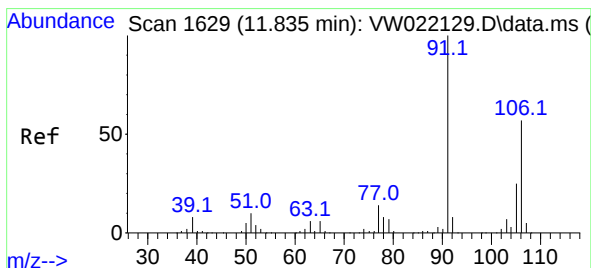
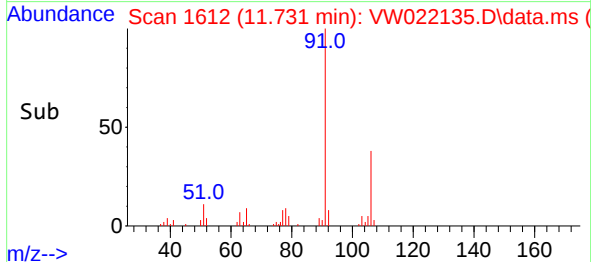
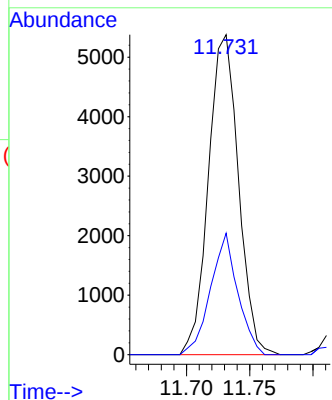
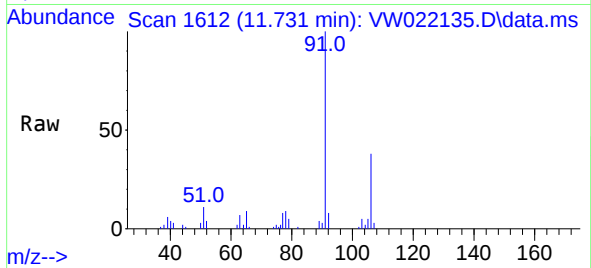
#52
Ethylbenzene
Concen: 1.063 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02

Tgt Ion: 91 Resp: 8870
Ion Ratio Lower Upper
91 100
106 38.0 22.8 42.4

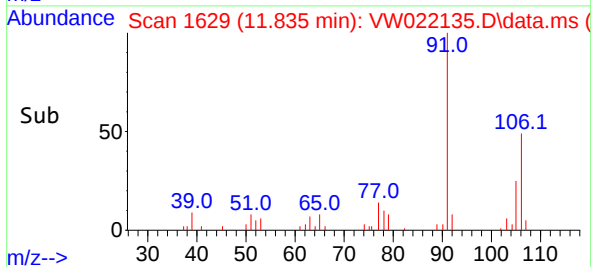
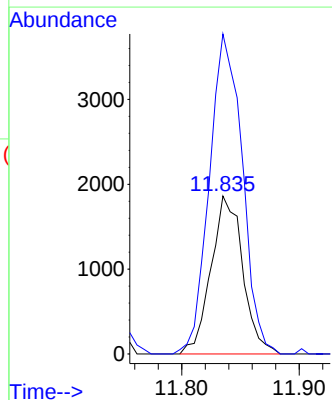
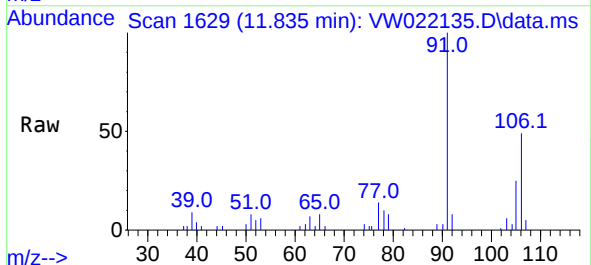
Manual Integrations
APPROVED

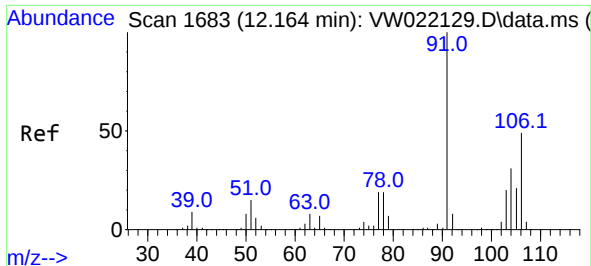
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#53
m,p-Xylene
Concen: 1.019 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

Tgt Ion:106 Resp: 3502
Ion Ratio Lower Upper
106 100
91 202.7 135.0 250.8





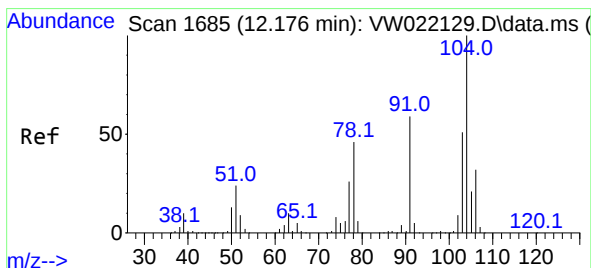
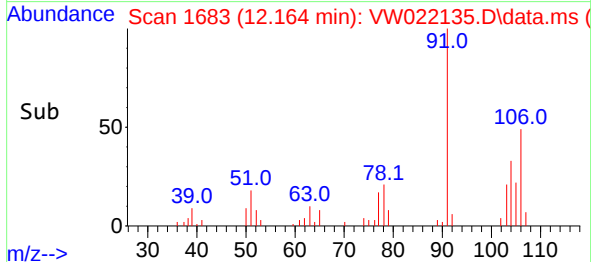
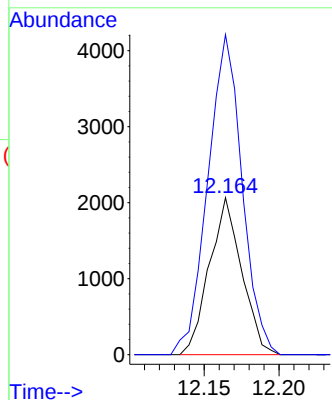
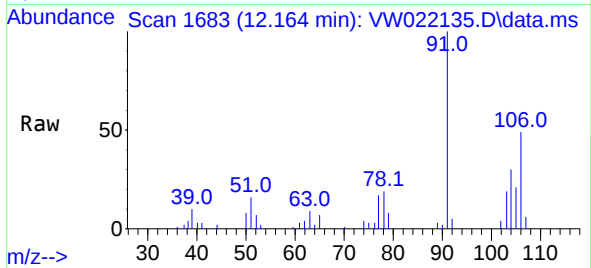
#54
o-Xylene
Concen: 0.962 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02

Tgt Ion:106 Resp: 311
Ion Ratio Lower Upper
106 100
91 203.8 136.9 254.3

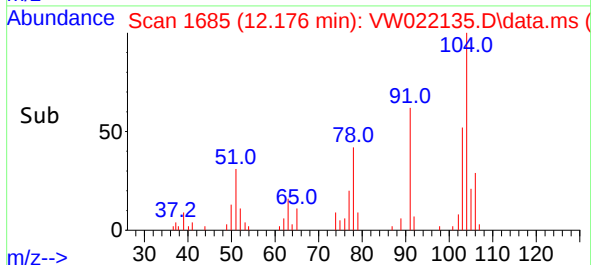
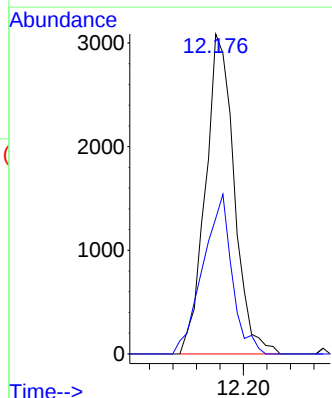
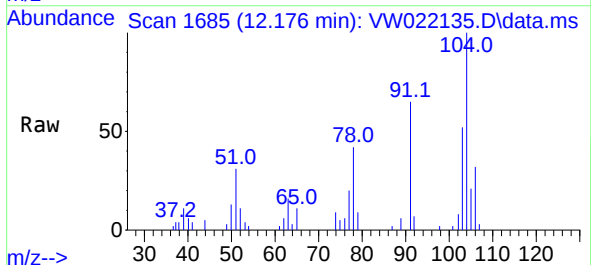
Manual Integrations
APPROVED

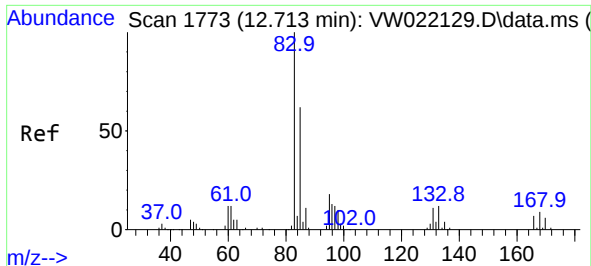
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#55
Styrene
Concen: 0.968 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

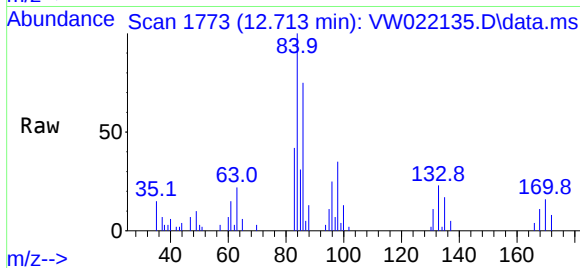
Tgt Ion:104 Resp: 5246
Ion Ratio Lower Upper
104 100
78 42.3 27.8 51.6





#57
1,1,2,2-Tetrachloroethane
Concen: 1.327 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

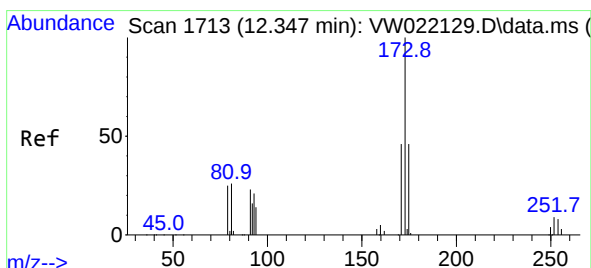
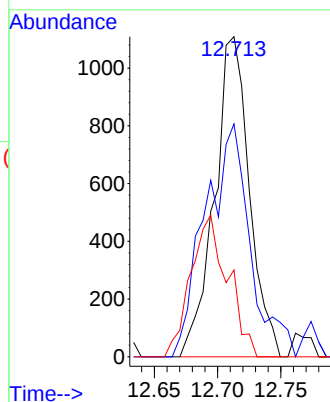
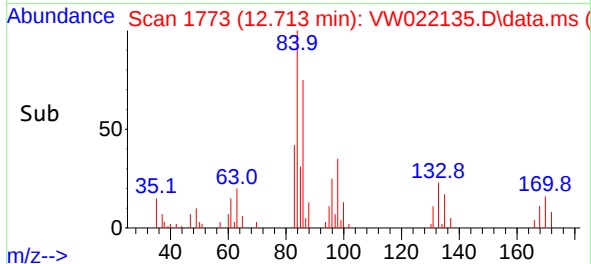
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT1-2022-02



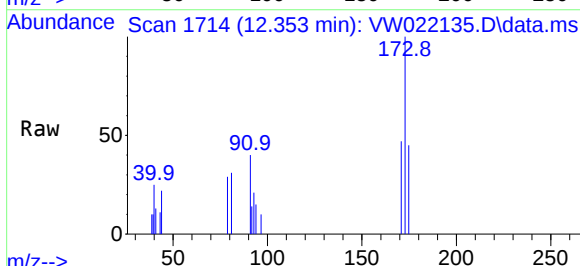
Tgt Ion: 83 Resp: 2124
Ion Ratio Lower Upper
83 100
85 72.8 44.2 82.0
131 27.1 9.4 14.0

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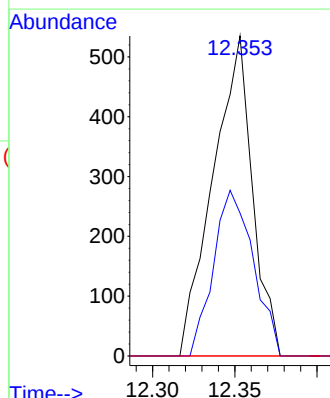
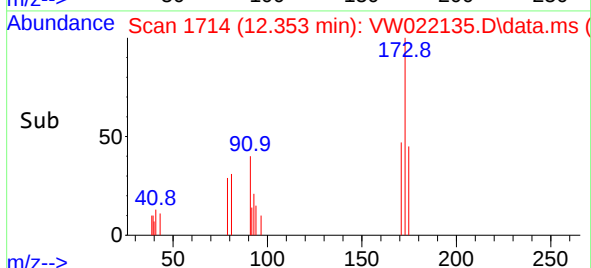
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022

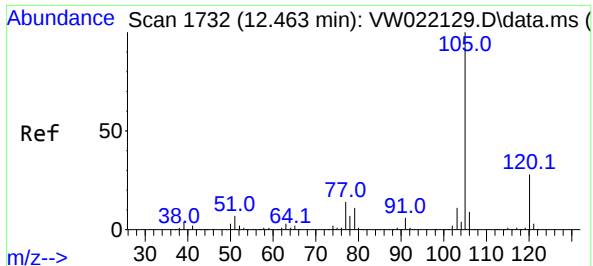


#59
Bromoform
Concen: 0.991 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45



Tgt Ion:173 Resp: 893
Ion Ratio Lower Upper
173 100
175 52.3 38.2 57.4
254 0.0 5.0 7.6





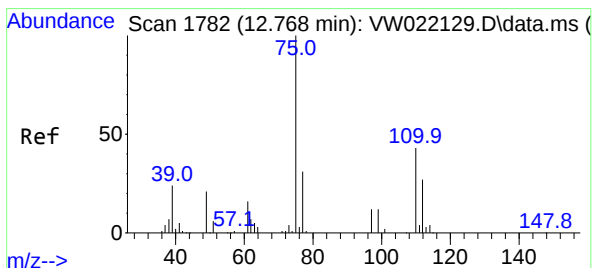
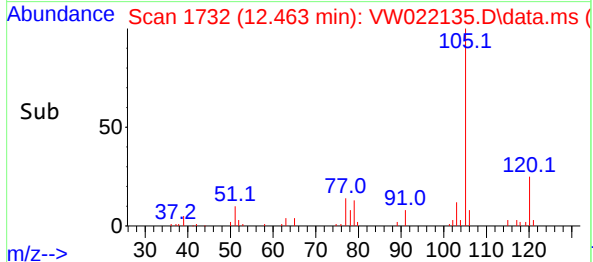
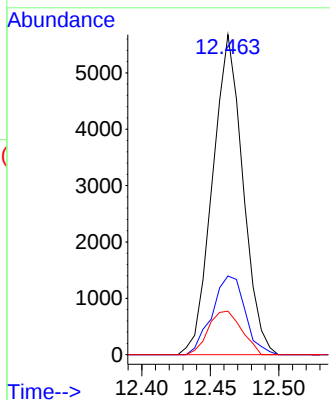
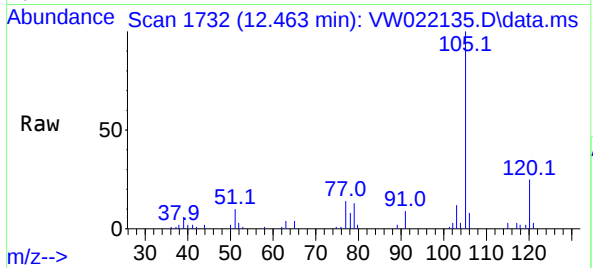
#60
Isopropylbenzene
Concen: 1.068 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02

Tgt Ion:	105	Resp:	873
Ion	Ratio	Lower	Upper
105	100		
120	26.7	22.1	33.1
77	14.9	12.0	18.0

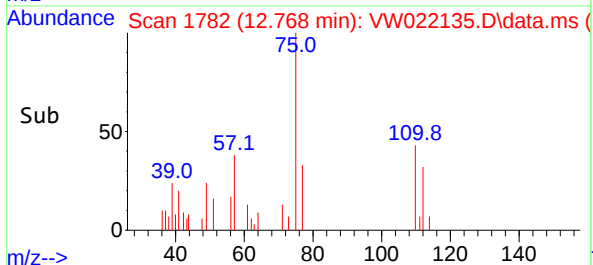
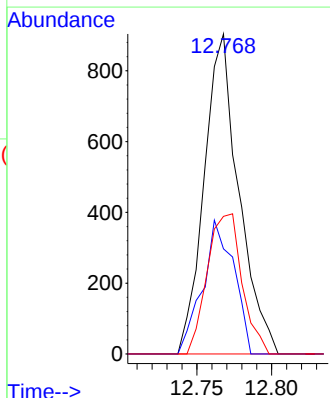
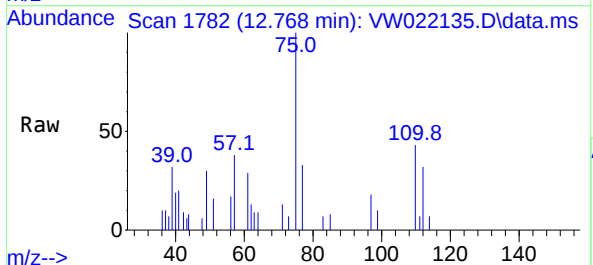
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022

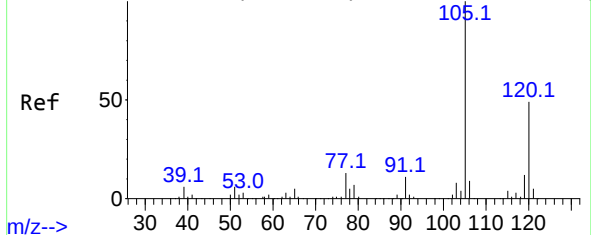


#61
1,2,3-Trichloropropane
Concen: 1.354 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

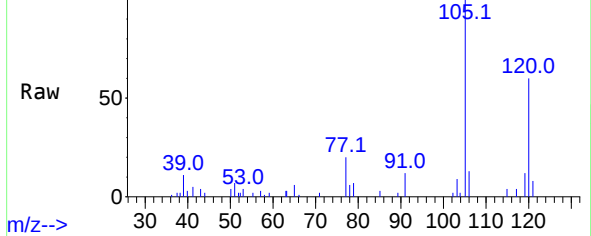
Tgt Ion:	75	Resp:	1456
Ion	Ratio	Lower	Upper
75	100		
77	37.7	27.1	40.7
110	44.0	36.7	55.1



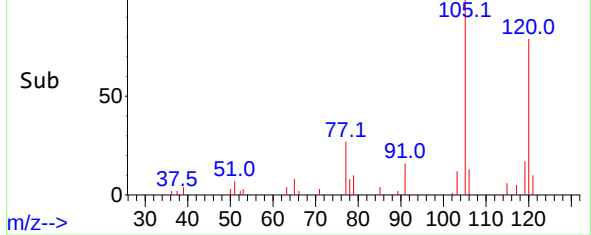
Abundance Scan 1810 (12.939 min): VW022129.D\data.ms (



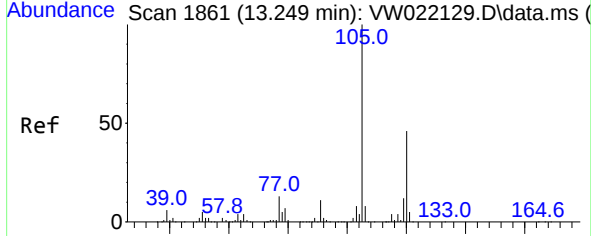
m/z--> Abundance Scan 1810 (12.938 min): VW022135.D\data.ms



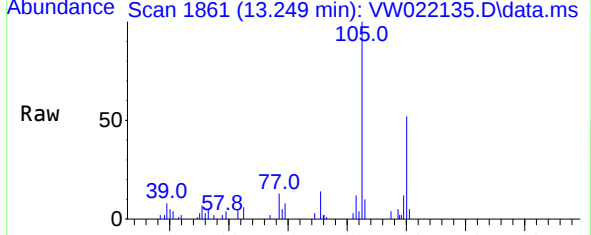
m/z--> Abundance Scan 1810 (12.938 min): VW022135.D\data.ms (



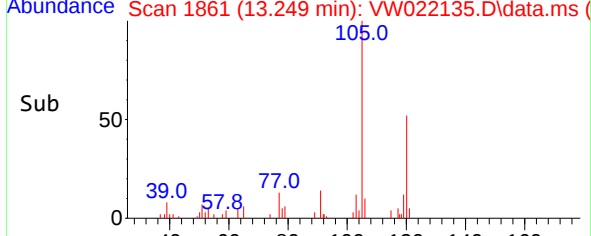
m/z--> Abundance Scan 1861 (13.249 min): VW022129.D\data.ms (



m/z--> Abundance Scan 1861 (13.249 min): VW022135.D\data.ms



m/z--> Abundance Scan 1861 (13.249 min): VW022135.D\data.ms (



m/z--> Abundance Scan 1861 (13.249 min): VW022135.D\data.ms (

m/z--> Abundance Scan 1861 (13.249 min): VW022135.D\data.ms (

#62

1,3,5-Trimethylbenzene

Concen: 1.042 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.001 min

Lab File: VW022135.D

Acq: 24 Feb 2022 13:45

Tgt Ion:105 Resp: 566

Ion Ratio Lower Upper

105 100

120 51.7 41.5 62.3

Instrument :

MSVOA_W

ClientSampleId :

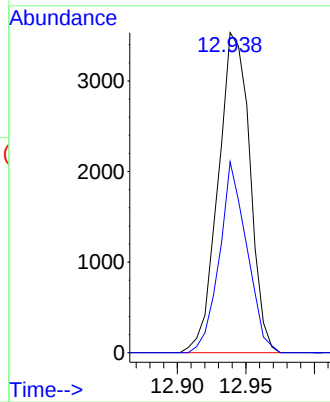
MDL-SOIL-QT1-2022-02

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Reviewed By :Semsettin Yesilyurt 02/25/2022

Supervised By :Mahesh Dadoda 02/28/2022



#63

1,2,4-Trimethylbenzene

Concen: 1.114 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022135.D

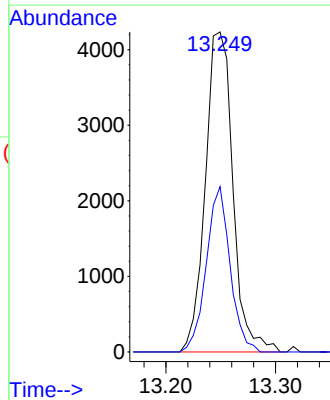
Acq: 24 Feb 2022 13:45

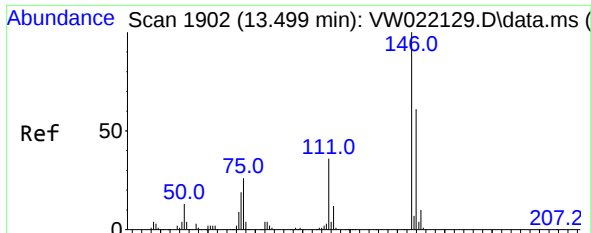
Tgt Ion:105 Resp: 7402

Ion Ratio Lower Upper

105 100

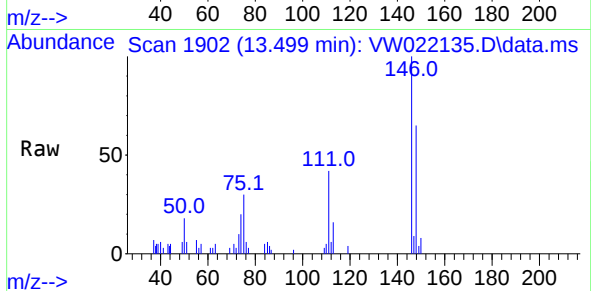
120 44.6 39.2 58.8





#64
1,3-Dichlorobenzene
Concen: 1.122 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

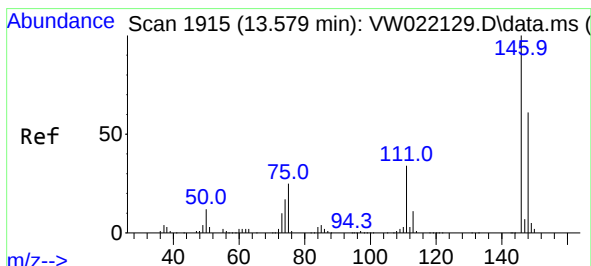
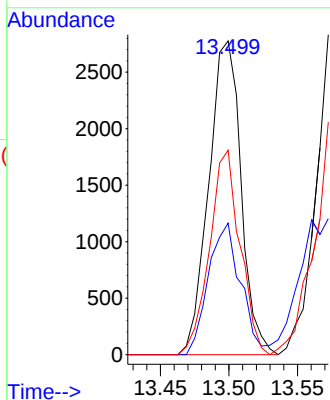
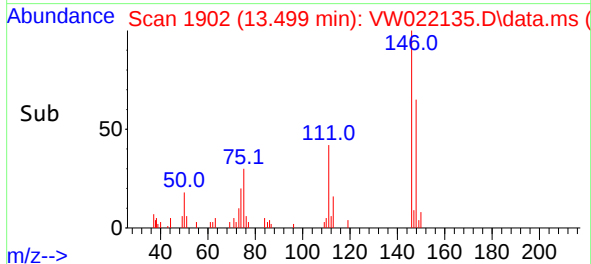
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02



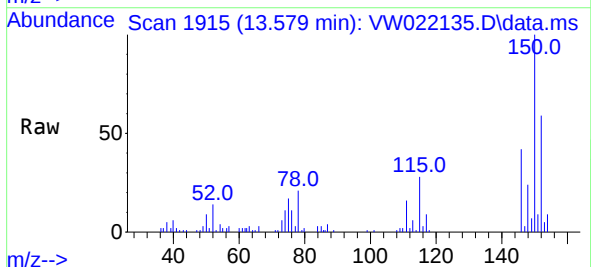
Tgt Ion:146 Resp: 4554
Ion Ratio Lower Upper
146 100
111 41.9 26.9 49.9
148 65.1 41.6 77.2

Manual Integrations
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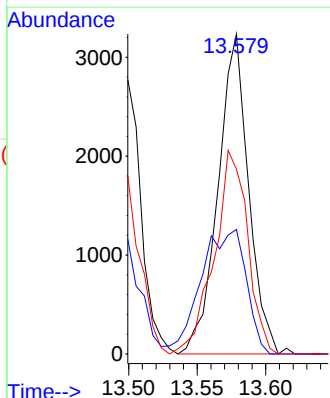
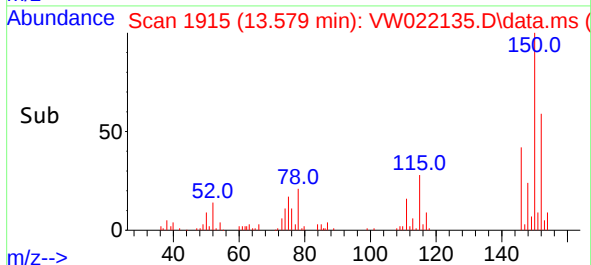
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022

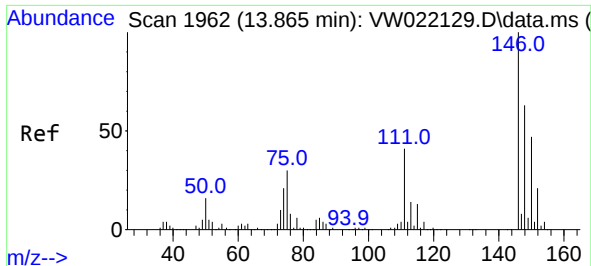


#65
1,4-Dichlorobenzene
Concen: 1.232 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45



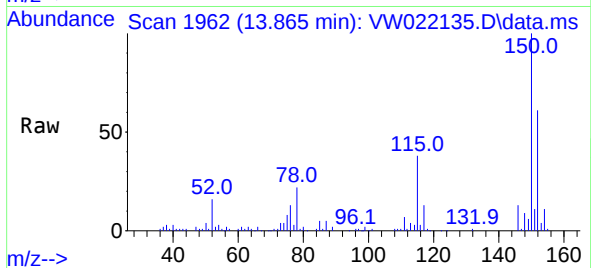
Tgt Ion:146 Resp: 5011
Ion Ratio Lower Upper
146 100
111 38.9 27.5 51.1
148 57.8 42.9 79.7





#67
1,2-Dichlorobenzene
Concen: 1.191 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

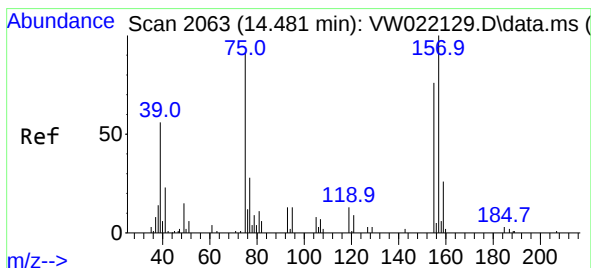
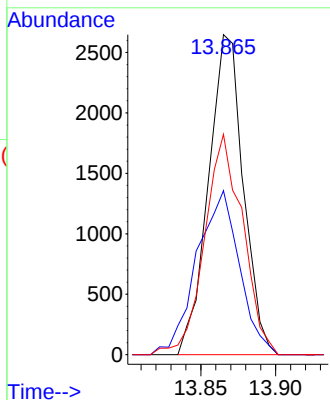
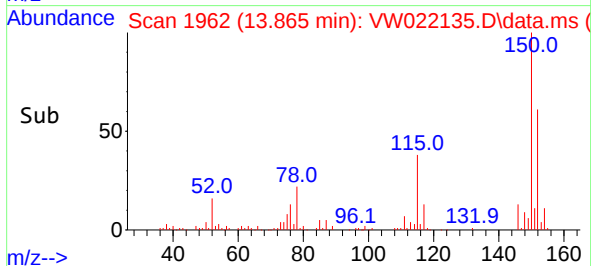
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT1-2022-02



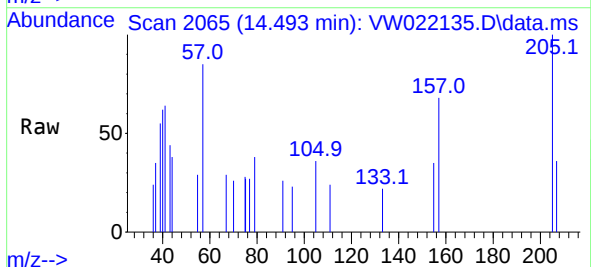
Tgt Ion:146 Resp: 429
Ion Ratio Lower Upper
146 100
111 51.3 34.8 52.2
148 68.8 50.4 75.6

Manual Integrations
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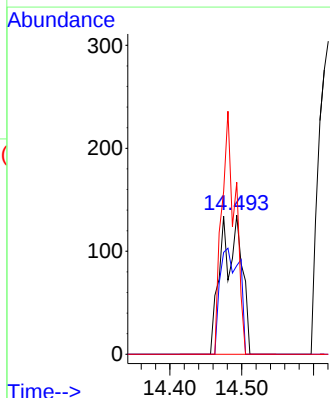
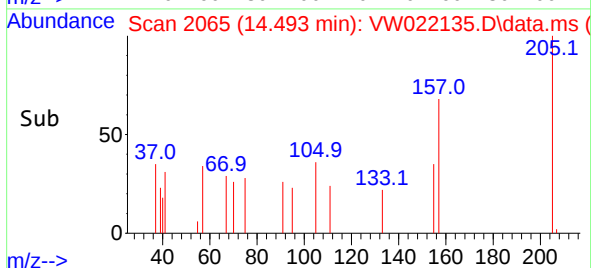
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022

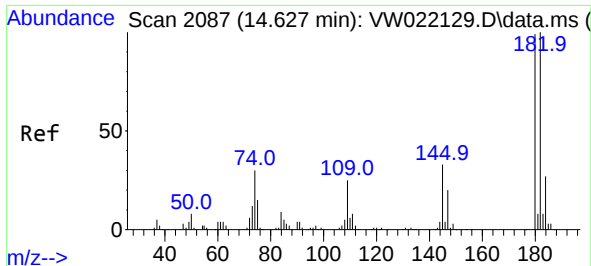


#68
1,2-Dibromo-3-chloropropane
Concen: 1.161 ug/L m
RT: 14.493 min Scan# 2065
Delta R.T. 0.012 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45



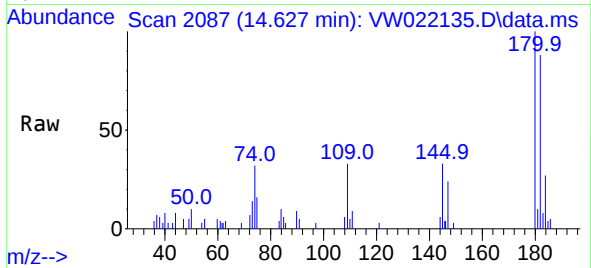
Tgt Ion: 75 Resp: 264
Ion Ratio Lower Upper
75 100
155 126.5 58.2 87.2#
157 245.6 80.5 120.7#





#69
1,3,5-Trichlorobenzene
Concen: 1.074 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

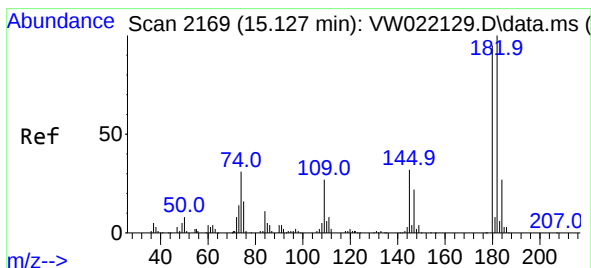
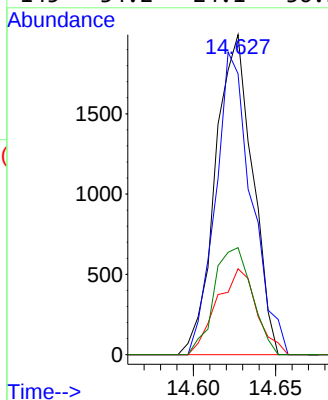
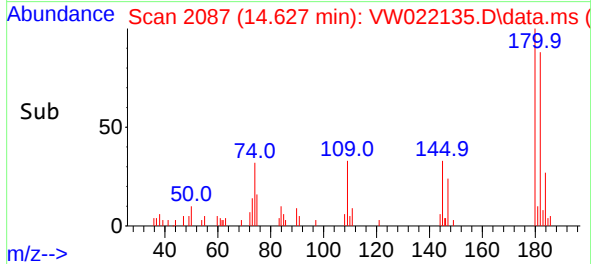
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02



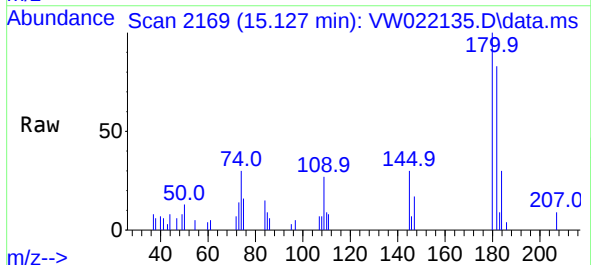
Tgt Ion:180 Resp: 3128
Ion Ratio Lower Upper
180 100
182 92.1 69.4 104.0
184 28.7 21.8 32.8
145 34.2 24.1 36.1

Manual Integrations
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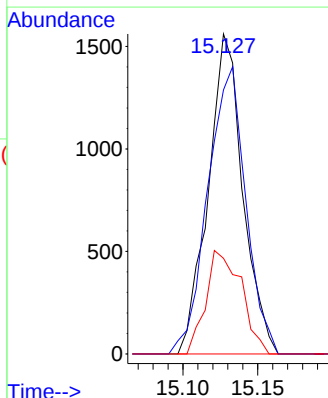
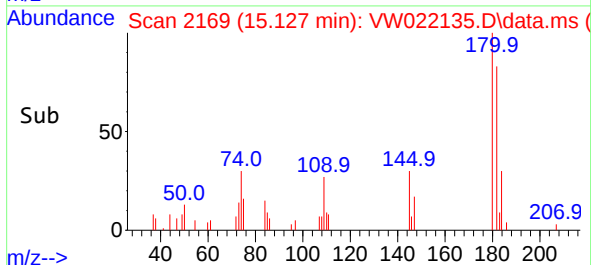
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022

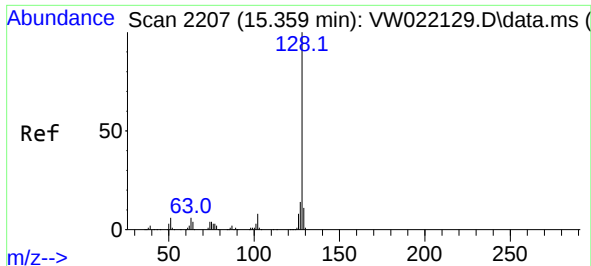


#70
1,2,4-trichlorobenzene
Concen: 1.141 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45



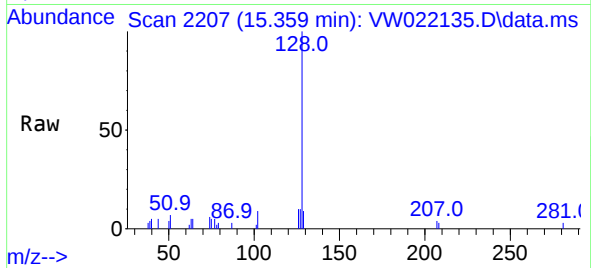
Tgt Ion:180 Resp: 2514
Ion Ratio Lower Upper
180 100
182 98.3 77.8 116.6
145 33.1 25.8 38.6





#71
Naphthalene
Concen: 1.112 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45

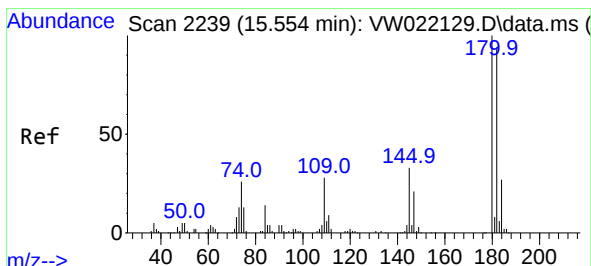
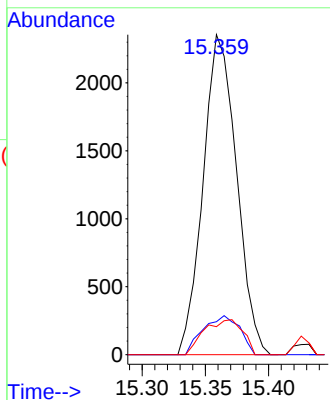
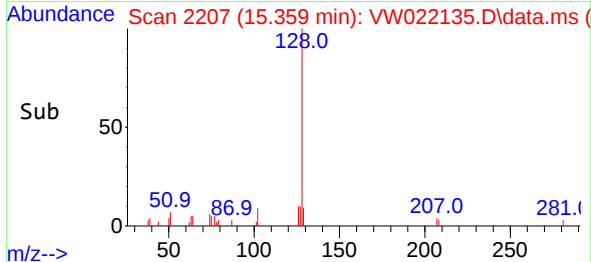
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT1-2022-02



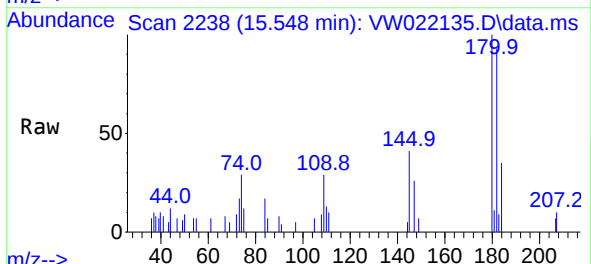
Tgt Ion:128 Resp: 432
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.6
129 12.7 8.9 13.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/28/2022



#72
1,2,3-Trichlorobenzene
Concen: 1.122 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW022135.D
Acq: 24 Feb 2022 13:45



Tgt Ion:180 Resp: 2138
Ion Ratio Lower Upper
180 100
182 94.2 79.0 118.4
145 34.8 28.0 42.0

