

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040723\
 Data File : VW025563.D
 Acq On : 07 Apr 2023 10:20
 Operator : SY/MD
 Sample : 02215-03 MDL 1.PPB
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT2-2023-03DL

Quant Time: Apr 07 23:04:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 04 03:07:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/10/2023
 Supervised By : Mahesh Dadoda 04/10/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	775253	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	689249	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	322959	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	246244	19.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.080%
7) Chloroethane-d5	2.899	69	180962	20.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	4.027	63	399248	15.649	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.600%
21) 2-Butanone-d5	7.075	46	145487	51.694	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.380%
24) Chloroform-d	7.648	84	479017	22.006	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.040%
26) 1,2-Dichloroethane-d4	8.306	65	266198	23.507	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.040%
32) Benzene-d6	8.276	84	1004449	22.506	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.040%
36) 1,2-Dichloropropane-d6	9.270	67	316010	22.709	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.840%
41) Toluene-d8	10.324	98	868337	22.274	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.080%
43) trans-1,3-Dichloroprop...	10.574	79	115984	22.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.920%
47) 2-Hexanone-d5	10.922	63	96399	50.681	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	228066	24.282	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	268675	24.215	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	9490	0.875	ug/L #	74
3) Chloromethane	2.216	50	12425	0.988	ug/L	88
5) Vinyl chloride	2.375	62	15624m	1.124	ug/L	
6) Bromomethane	2.789	94	8527	1.140	ug/L	92
8) Chloroethane	2.929	64	9098	1.168	ug/L	89
9) Trichlorofluoromethane	3.271	101	9138	0.853	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	15176m	1.412	ug/L	
12) 1,1-Dichloroethene	4.045	96	13380	1.244	ug/L #	1
13) Acetone	4.124	43	8376	3.516	ug/L	51
14) Carbon disulfide	4.392	76	41582	1.095	ug/L	98
15) Methyl Acetate	4.679	43	6584	1.230	ug/L #	80
16) Methylene chloride	4.923	84	29514	2.395	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	12872m	1.125	ug/L	
18) Methyl tert-butyl Ether	5.429	73	18364	1.163	ug/L #	86
19) 1,1-Dichloroethane	6.221	63	26486	1.159	ug/L	94
20) cis-1,2-Dichloroethene	7.172	96	14218	1.195	ug/L #	92
22) 2-Butanone	7.179	43	8578	2.533	ug/L	85
23) Bromochloromethane	7.514	128	6482	1.328	ug/L #	85
25) Chloroform	7.678	83	27034	1.293	ug/L	97

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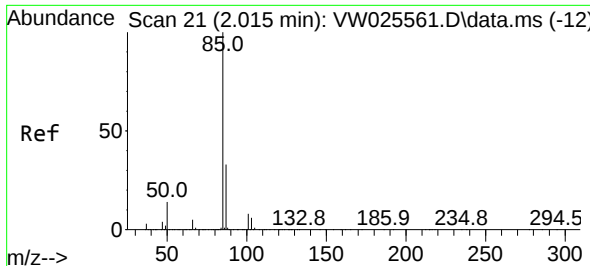
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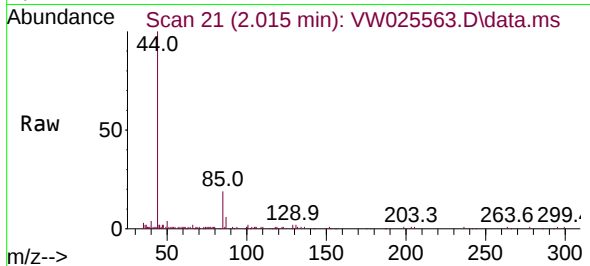
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	18546	1.322	ug/L	96
29) Cyclohexane	7.959	56	22285	0.999	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	19849	1.159	ug/L	96
31) Carbon tetrachloride	8.063	117	17965	1.162	ug/L	99
33) Benzene	8.319	78	57926	1.207	ug/L	100
34) Trichloroethene	9.093	95	14902	1.194	ug/L	96
35) Methylcyclohexane	9.337	83	22684	1.007	ug/L	94
37) 1,2-Dichloropropane	9.367	63	15531	1.226	ug/L #	97
38) Bromodichloromethane	9.642	83	18164	1.253	ug/L	92
39) cis-1,3-Dichloropropene	10.068	75	21866	1.203	ug/L	100
40) 4-Methyl-2-pentanone	10.208	43	18115	2.526	ug/L #	96
42) Toluene	10.385	91	58022	1.188	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	22813	1.522	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	9937	1.230	ug/L	98
46) Tetrachloroethene	10.861	164	10212	1.164	ug/L	94
48) 2-Hexanone	10.964	43	13851	2.795	ug/L #	98
49) Dibromochloromethane	11.129	129	10317	1.213	ug/L	91
50) 1,2-Dibromoethane	11.233	107	9532	1.284	ug/L #	95
51) Chlorobenzene	11.653	112	36352	1.208	ug/L	98
52) Ethylbenzene	11.727	91	61377	1.110	ug/L	94
53) m,p-Xylene	11.836	106	21709	1.071	ug/L	96
54) o-Xylene	12.165	106	19032	1.004	ug/L	95
55) Styrene	12.178	104	31941	1.001	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	13667	1.412	ug/L #	91
59) Bromoform	12.348	173	5827	1.317	ug/L #	93
60) Isopropylbenzene	12.464	105	52143	1.031	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	9835	1.469	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	39184	0.981	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	37946	0.987	ug/L	98
64) 1,3-Dichlorobenzene	13.494	146	25289	1.206	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	27862	1.301	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	25386	1.381	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	2504	1.705	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.622	180	17361	1.237	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	13739	1.205	ug/L	95
71) Naphthalene	15.360	128	23549	1.107	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	13097	1.314	ug/L	97

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



#2
Dichlorodifluoromethane
Concen: 0.875 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

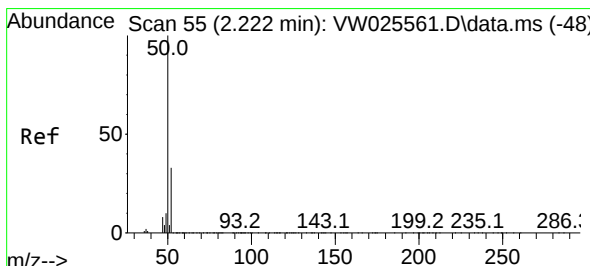
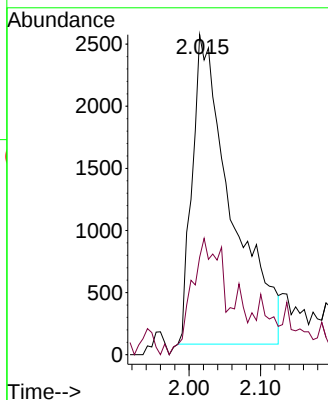
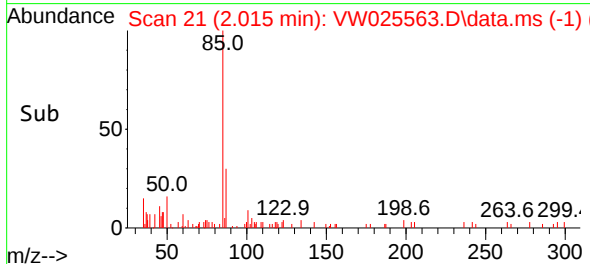
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2023-03DL



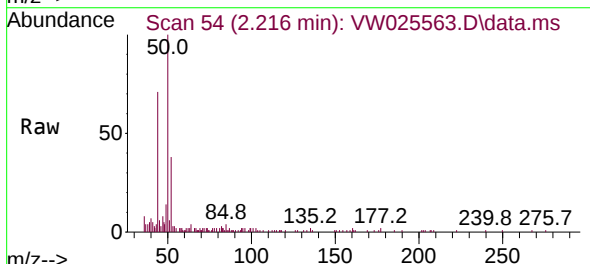
Tgt Ion: 85 Resp: 9490
Ion Ratio Lower Upper
85 100
87 16.7 24.6 37.0

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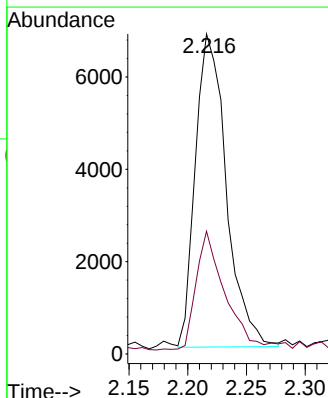
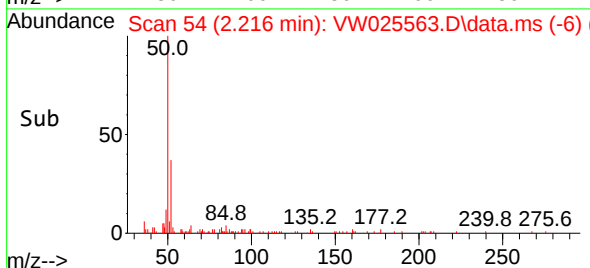
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

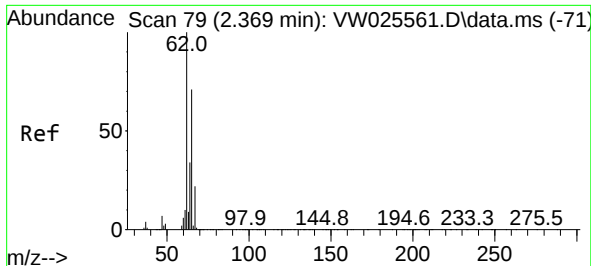


#3
Chloromethane
Concen: 0.988 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.007 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20



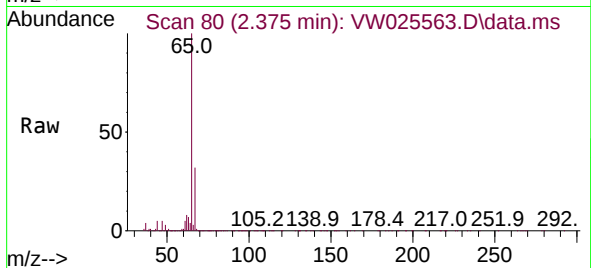
Tgt Ion: 50 Resp: 12425
Ion Ratio Lower Upper
50 100
52 38.4 22.2 41.2





#5
 Vinyl chloride
 Concen: 1.124 ug/L m
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025563.D
 Acq: 07 Apr 2023 10:20

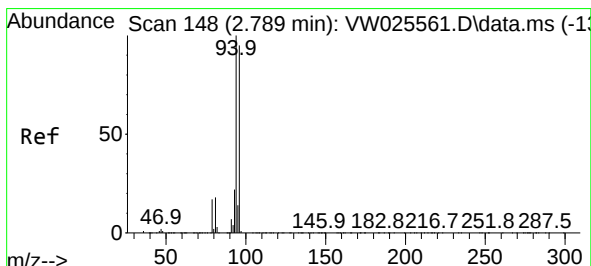
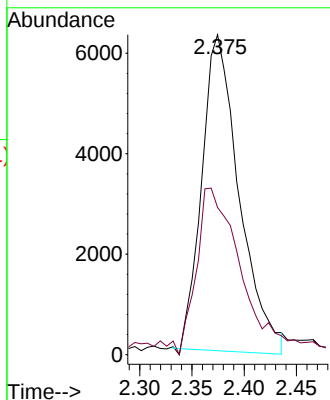
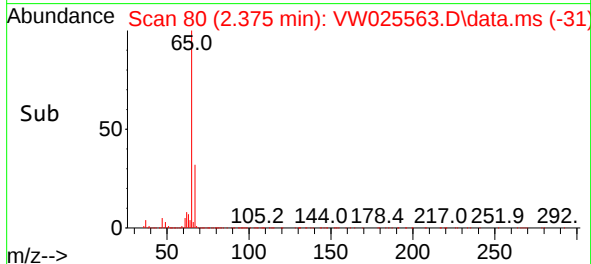
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-QT2-2023-03DL



Tgt Ion: 62 Resp: 15624
 Ion Ratio Lower Upper
 62 100
 64 46.0 23.9 44.3

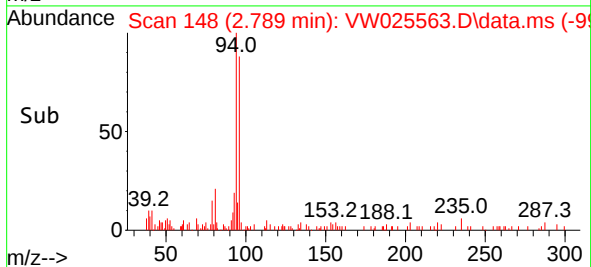
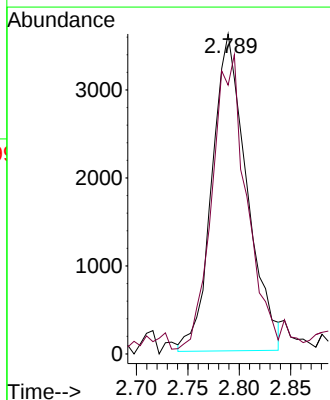
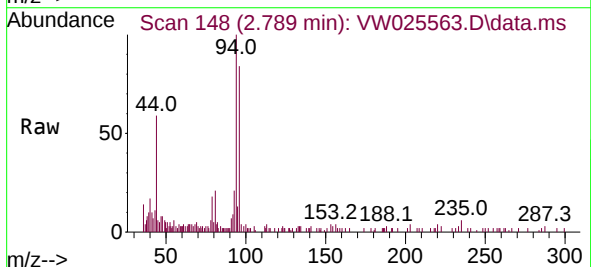
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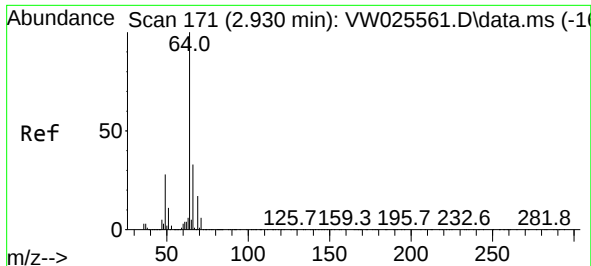
Reviewed By :Semsettin Yesilyurt 04/10/2023
 Supervised By :Mahesh Dadoda 04/10/2023



#6
 Bromomethane
 Concen: 1.140 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025563.D
 Acq: 07 Apr 2023 10:20

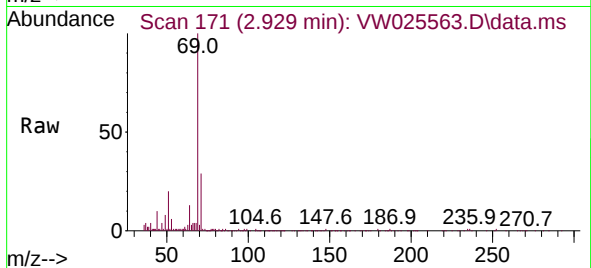
Tgt Ion: 94 Resp: 8527
 Ion Ratio Lower Upper
 94 100
 96 84.0 64.0 118.8





#8
Chloroethane
Concen: 1.168 ug/L
RT: 2.929 min Scan# 11
Delta R.T. -0.007 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

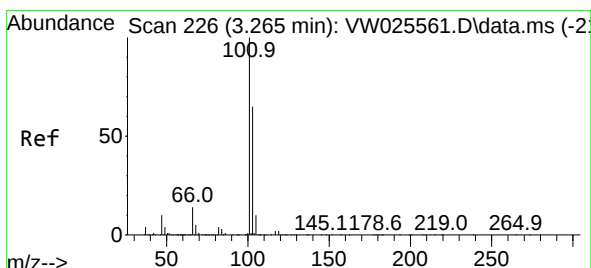
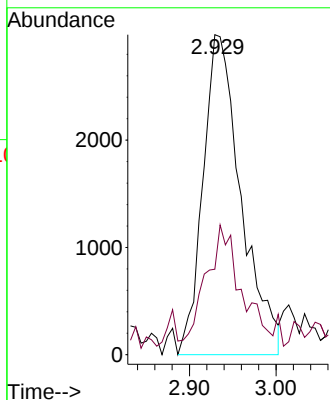
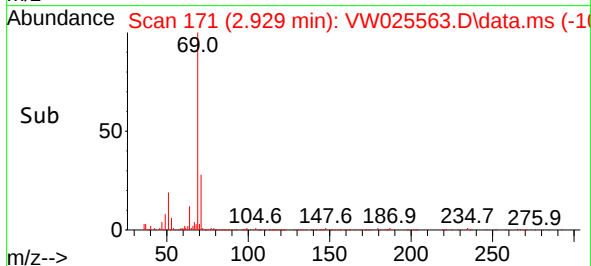
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2023-03DL



Tgt Ion: 64 Resp: 909
Ion Ratio Lower Upper
64 100
66 26.7 22.9 42.5

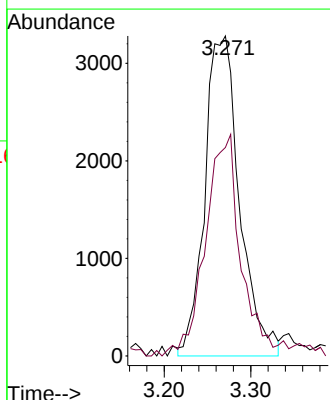
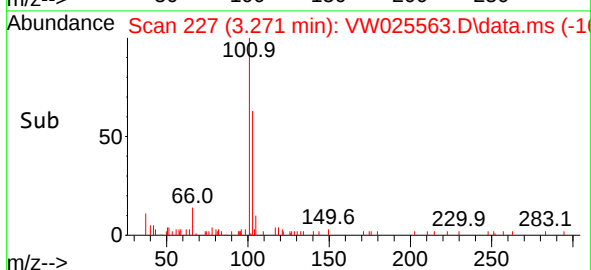
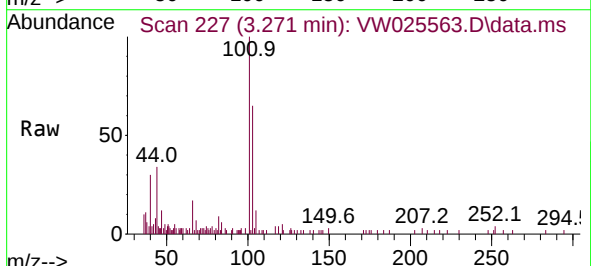
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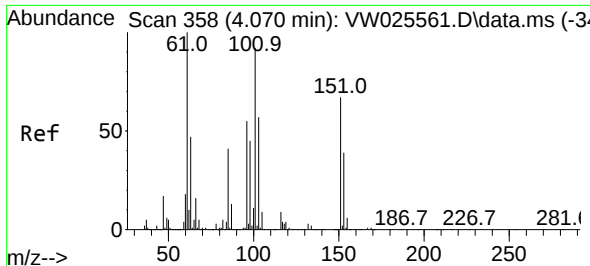
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#9
Trichlorofluoromethane
Concen: 0.853 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Tgt Ion:101 Resp: 9138
Ion Ratio Lower Upper
101 100
103 67.3 52.3 78.5





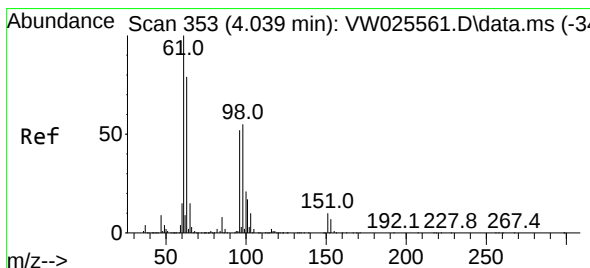
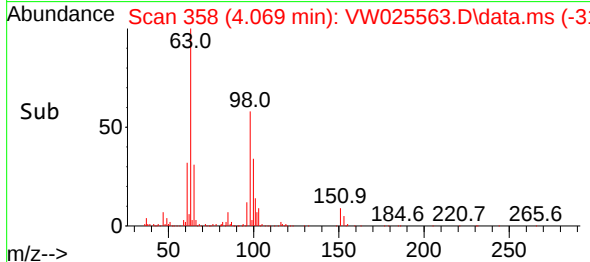
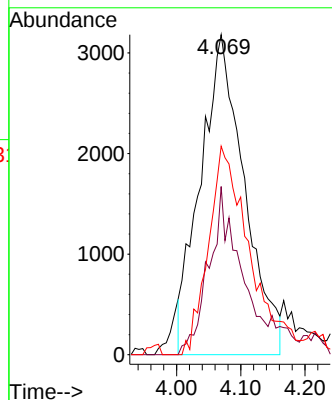
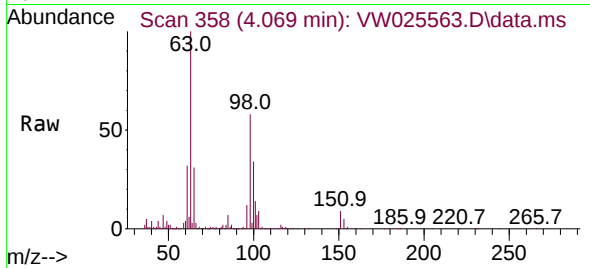
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.412 ug/L m
RT: 4.069 min Scan# 358
Delta R.T. -0.013 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Instrument :
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ClientSampleId :
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Tgt Ion: 101 Resp: 15170
Ion Ratio Lower Upper
101 100
85 37.8 34.5 51.7
151 54.1 54.8 82.2

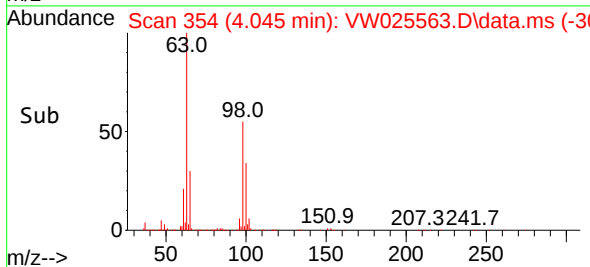
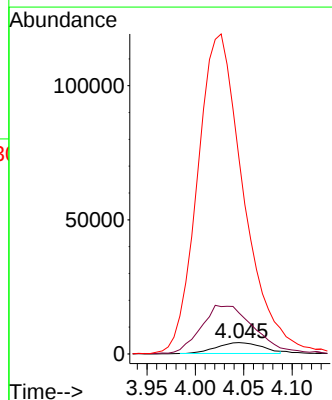
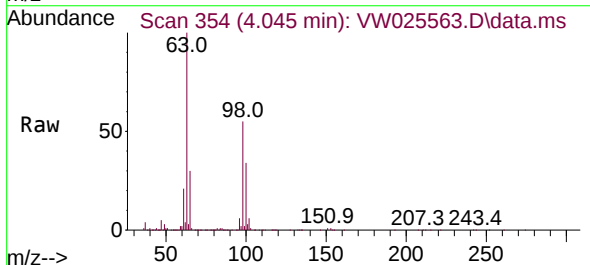
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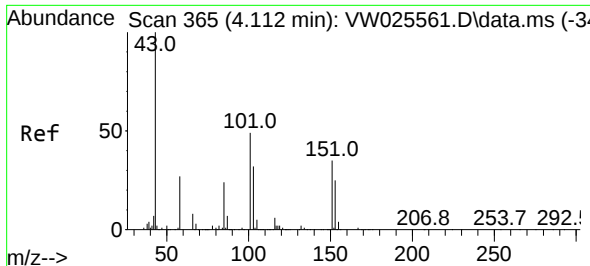
Reviewed By : Semsettin Yesilyurt 04/10/2023
Supervised By : Mahesh Dadoda 04/10/2023



#12
1,1-Dichloroethene
Concen: 1.244 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

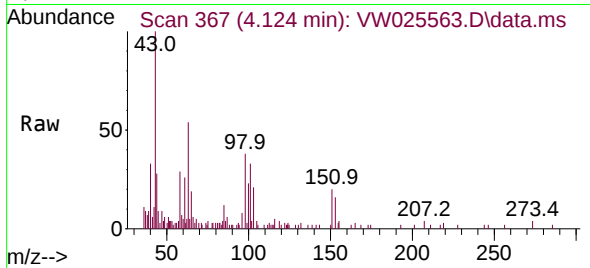
Tgt Ion: 96 Resp: 13380
Ion Ratio Lower Upper
96 100
61 359.9 132.7 246.4#
63 1717.2 105.0 195.0#





#13
Acetone
Concen: 3.516 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

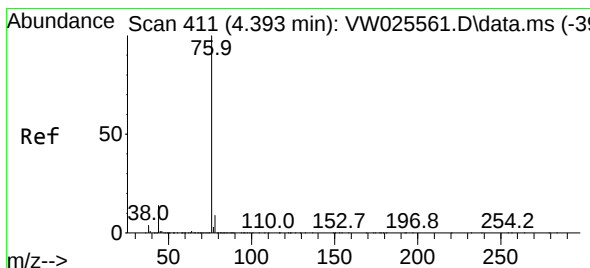
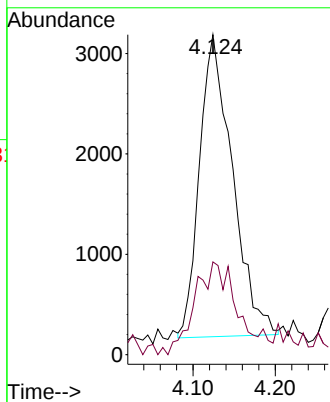
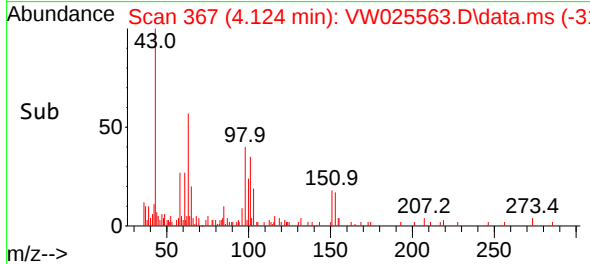
Instrument :
MSVOA_W
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MDL-SOIL-QT2-2023-03DL



Tgt Ion: 43 Resp: 8370
Ion Ratio Lower Upper
43 100
58 2.5 0.0 57.4

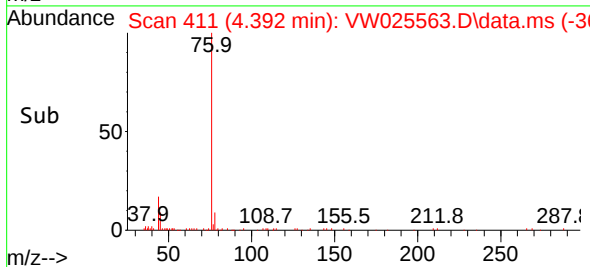
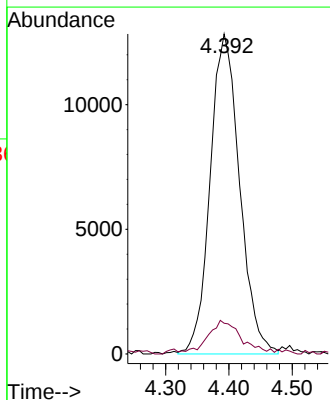
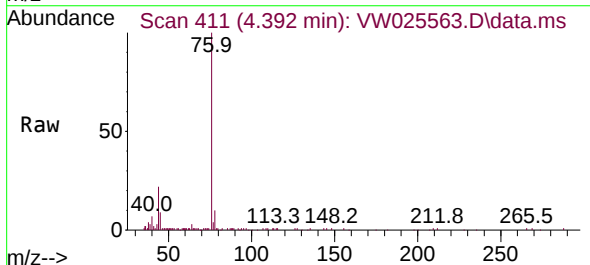
Manual Integrations
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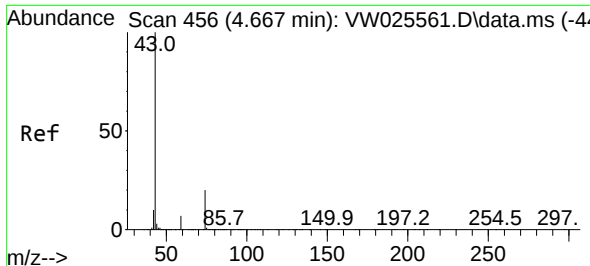
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#14
Carbon disulfide
Concen: 1.095 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

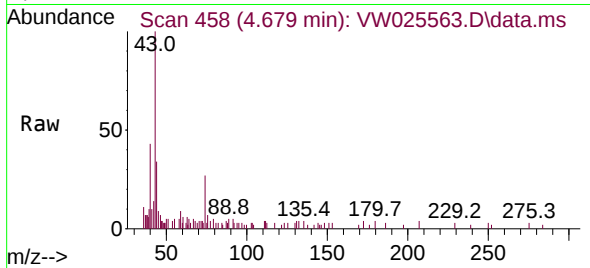
Tgt Ion: 76 Resp: 41582
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7





#15
Methyl Acetate
Concen: 1.230 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.006 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

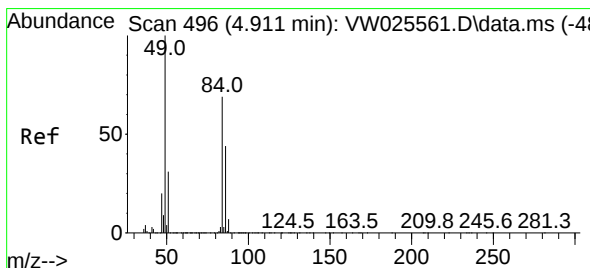
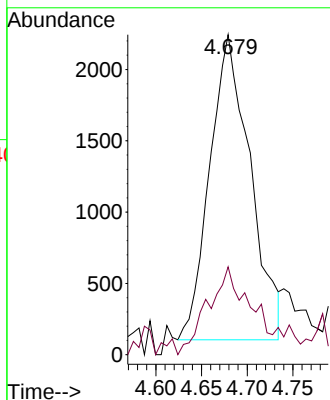
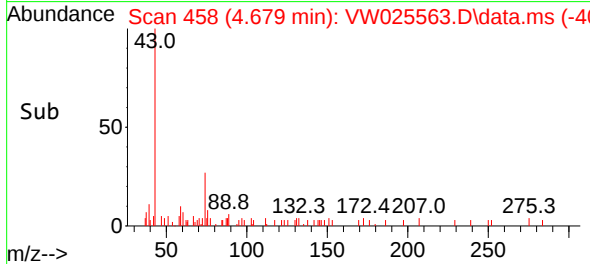
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2023-03DL



Tgt Ion: 43 Resp: 6584
Ion Ratio Lower Upper
43 100
74 11.6 17.0 25.4

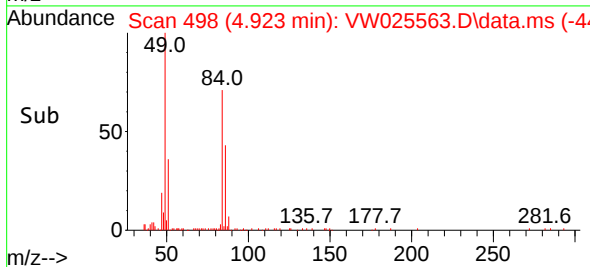
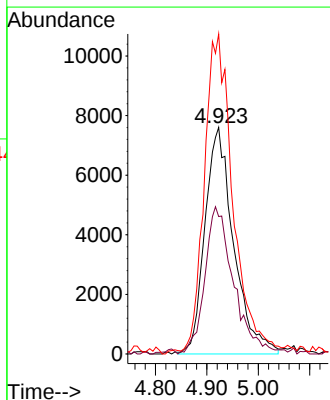
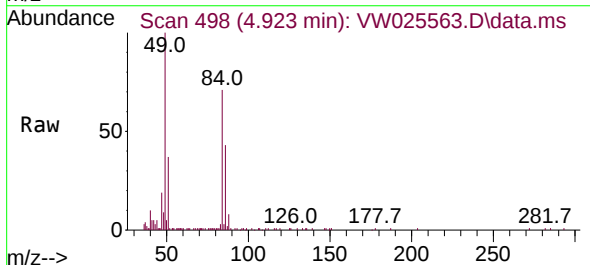
Manual Integrations
APPROVED

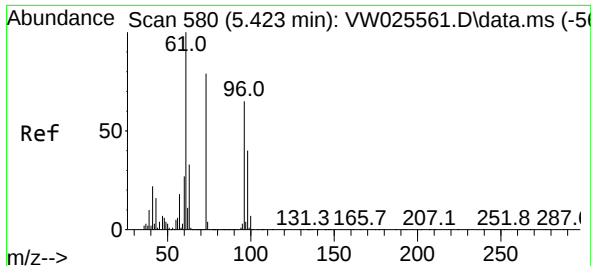
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#16
Methylene chloride
Concen: 2.395 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Tgt Ion: 84 Resp: 29514
Ion Ratio Lower Upper
84 100
86 60.7 44.9 83.3
49 141.3 101.4 188.4





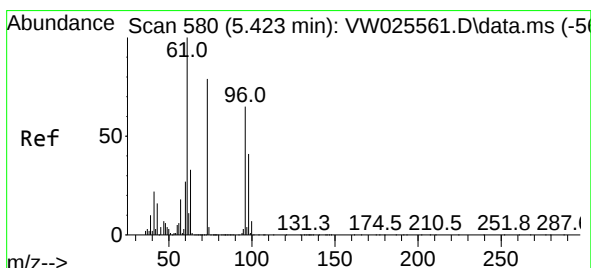
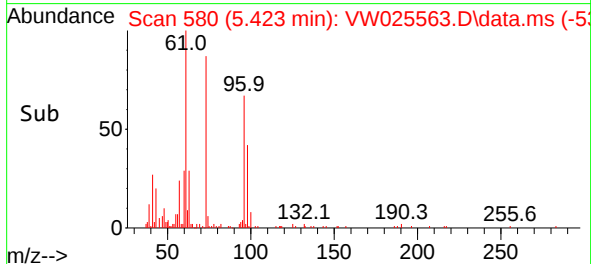
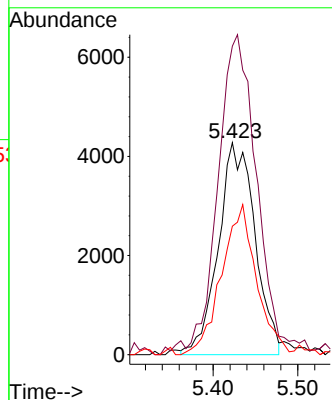
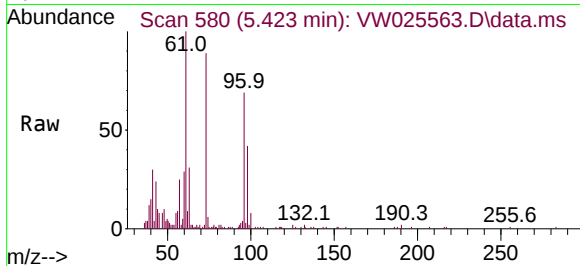
#17
trans-1,2-Dichloroethene
Concen: 1.125 ug/L m
RT: 5.423 min Scan# 580
Delta R.T. -0.007 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2023-03DL

Tgt Ion: 96 Resp: 12872
Ion Ratio Lower Upper
96 100
61 145.6 113.3 210.3
98 60.6 43.6 81.0

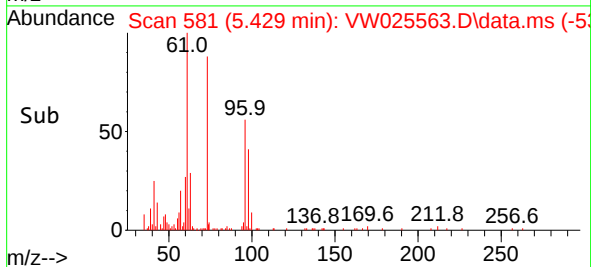
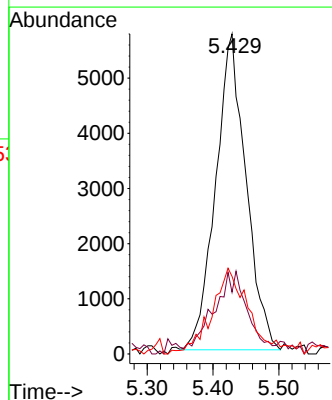
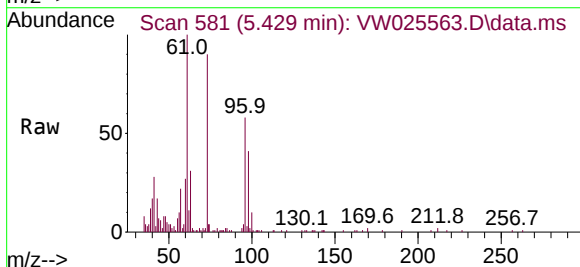
Manual Integrations
APPROVED

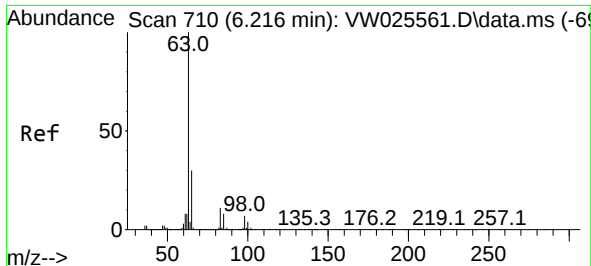
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#18
Methyl tert-butyl Ether
Concen: 1.163 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Tgt Ion: 73 Resp: 18364
Ion Ratio Lower Upper
73 100
43 23.3 17.8 26.6
57 11.3 19.0 28.6





#19

1,1-Dichloroethane

Concen: 1.159 ug/L

RT: 6.221 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW025563.D

Acq: 07 Apr 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

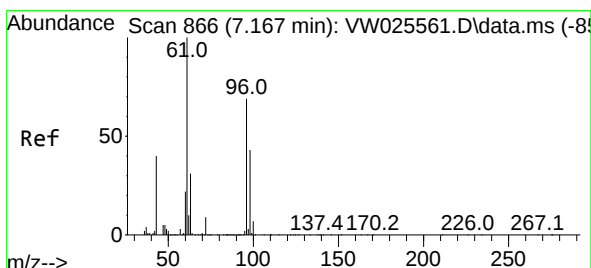
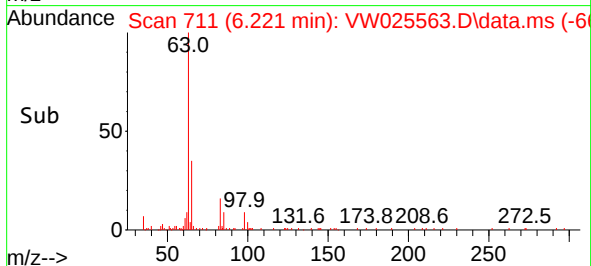
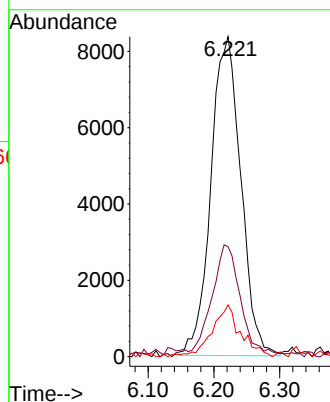
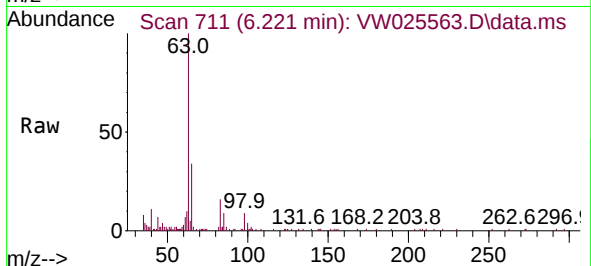
MDL-SOIL-QT2-2023-03DL

Tgt Ion: 63	Resp: 2648
Ion Ratio	Lower Upper
63 100	
65 34.4	21.9 40.7
83 16.2	9.0 16.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#20

cis-1,2-Dichloroethene

Concen: 1.195 ug/L

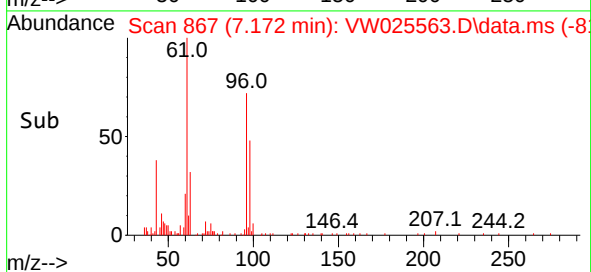
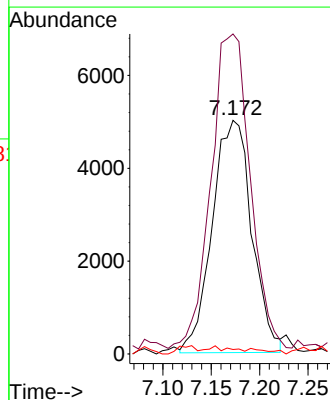
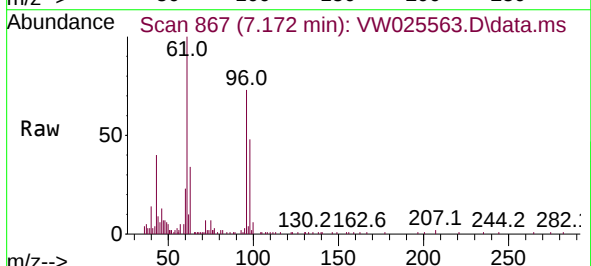
RT: 7.172 min Scan# 867

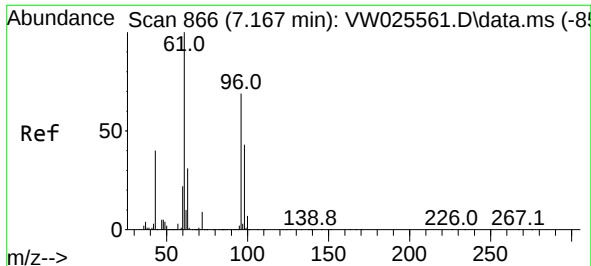
Delta R.T. -0.000 min

Lab File: VW025563.D

Acq: 07 Apr 2023 10:20

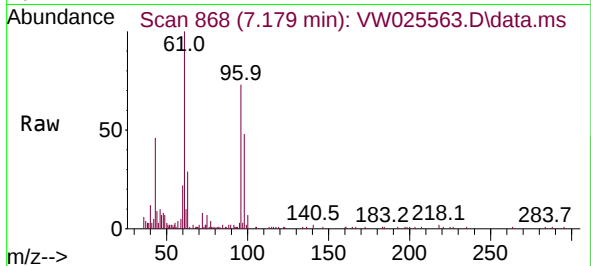
Tgt Ion: 96	Resp: 14218
Ion Ratio	Lower Upper
96 100	
61 136.9	102.6 190.6
68 1.9	0.1 0.1





#22
2-Butanone
Concen: 2.533 ug/L
RT: 7.179 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

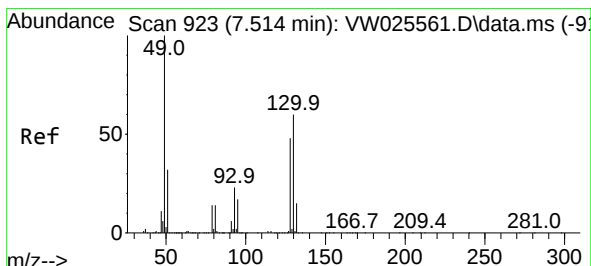
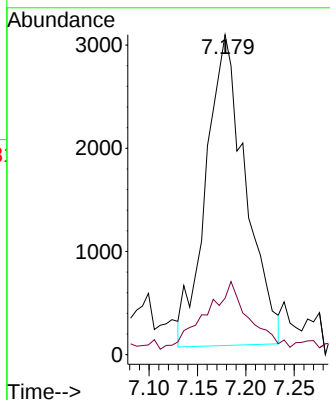
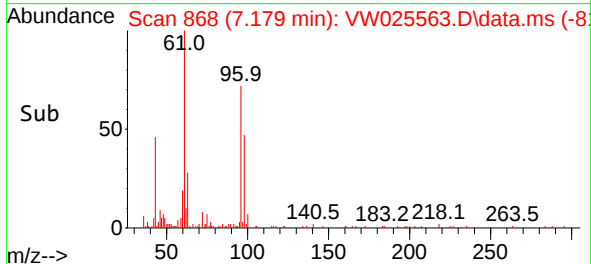
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2023-03DL



Tgt Ion: 43 Resp: 8578
Ion Ratio Lower Upper
43 100
72 16.5 12.0 36.0

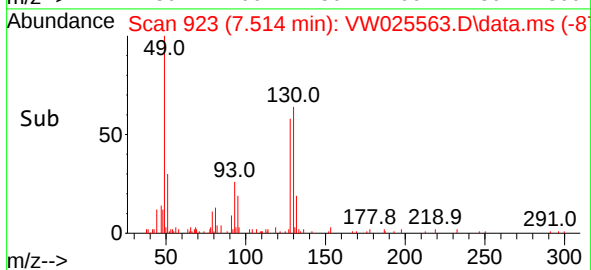
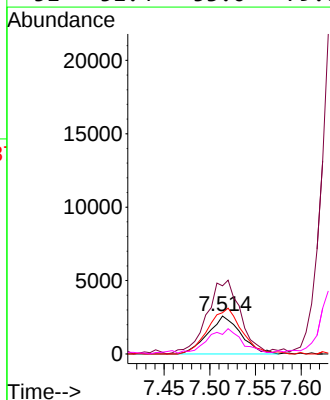
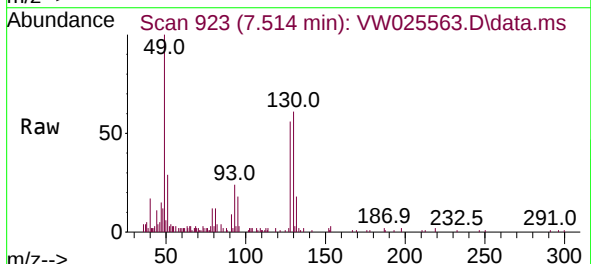
Manual Integrations
APPROVED

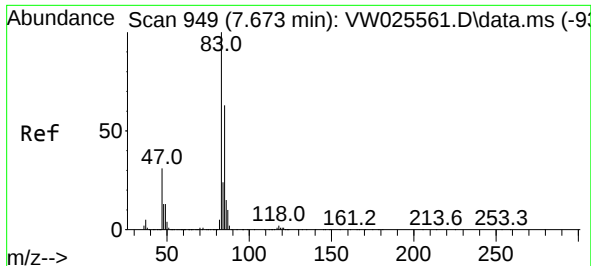
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#23
Bromochloromethane
Concen: 1.328 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

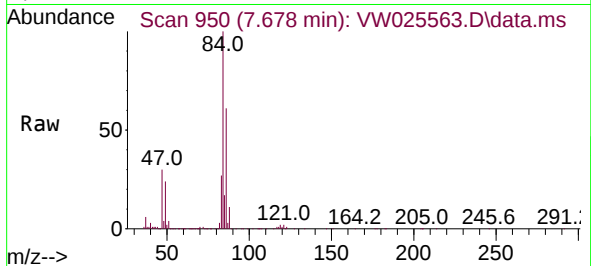
Tgt Ion:128 Resp: 6482
Ion Ratio Lower Upper
128 100
49 179.4 141.7 263.3
130 108.7 86.7 160.9
51 51.4 53.0 79.6#





#25
Chloroform
Concen: 1.293 ug/L
RT: 7.678 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

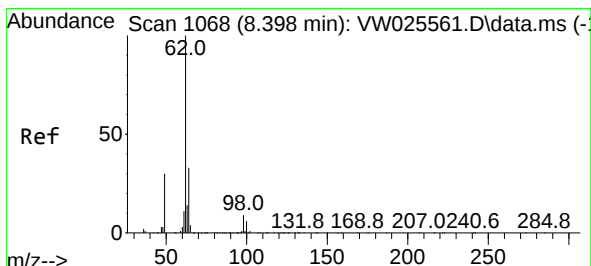
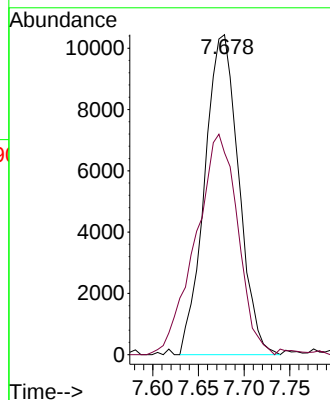
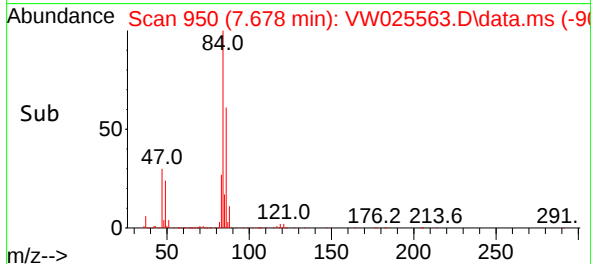
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2023-03DL



Tgt Ion: 83 Resp: 27034
Ion Ratio Lower Upper
83 100
85 63.1 45.8 85.2

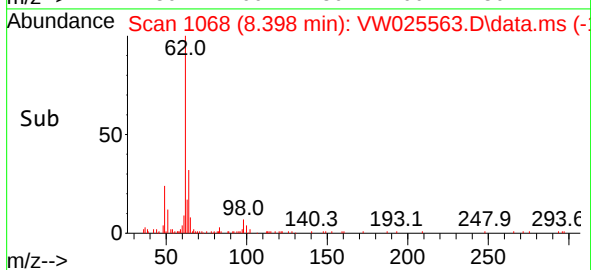
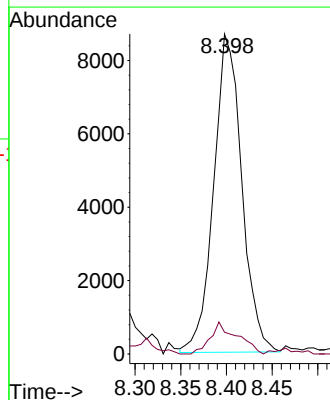
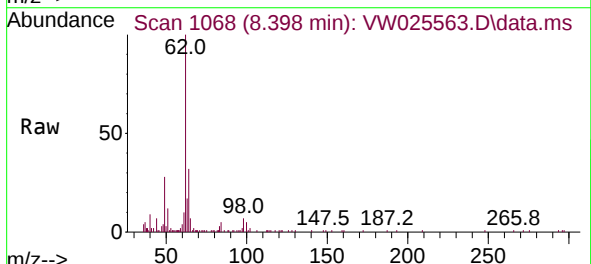
Manual Integrations
APPROVED

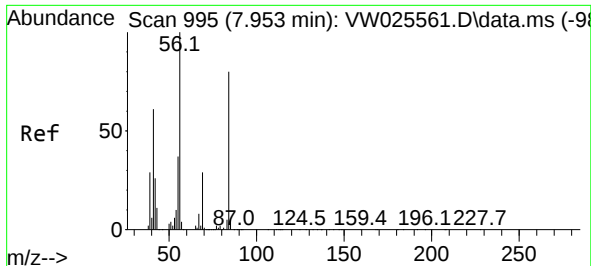
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#27
1,2-Dichloroethane
Concen: 1.322 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

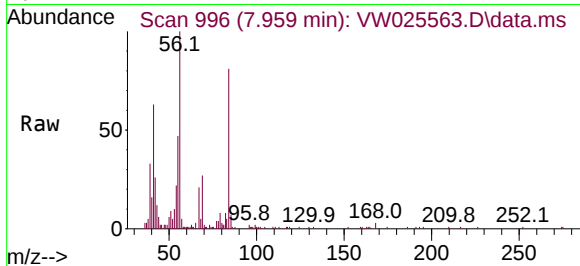
Tgt Ion: 62 Resp: 18546
Ion Ratio Lower Upper
62 100
98 6.8 6.6 10.0





#29
Cyclohexane
Concen: 0.999 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

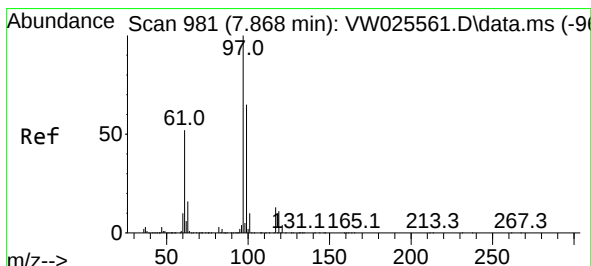
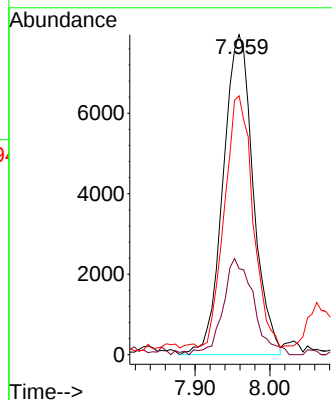
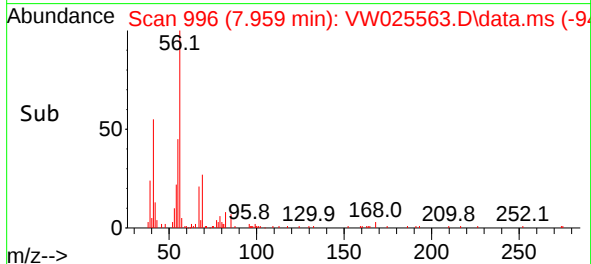
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2023-03DL



Tgt Ion: 56 Resp: 2228
Ion Ratio Lower Upper
56 100
69 30.0 22.7 34.1
84 76.4 62.5 93.7

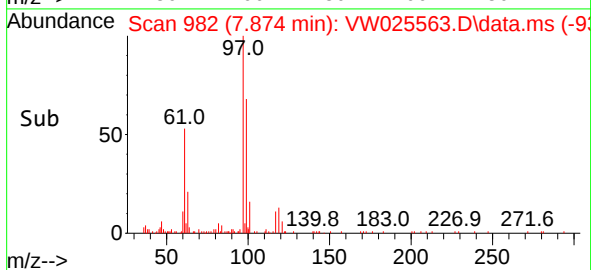
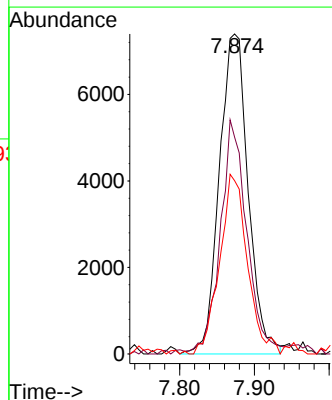
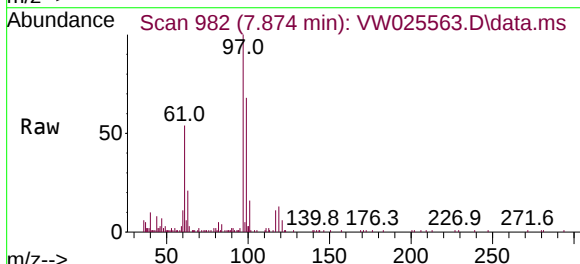
Manual Integrations
APPROVED

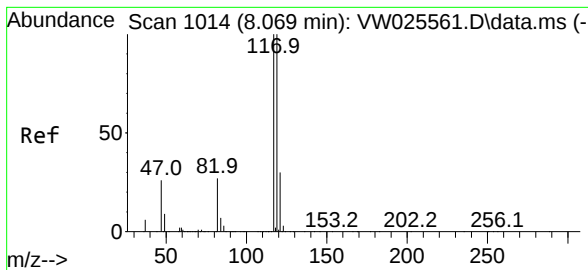
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#30
1,1,1-Trichloroethane
Concen: 1.159 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

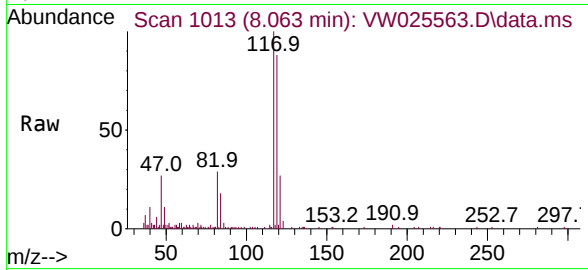
Tgt Ion: 97 Resp: 19849
Ion Ratio Lower Upper
97 100
99 67.4 51.0 76.6
61 52.8 40.5 60.7





#31
Carbon tetrachloride
Concen: 1.162 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.013 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

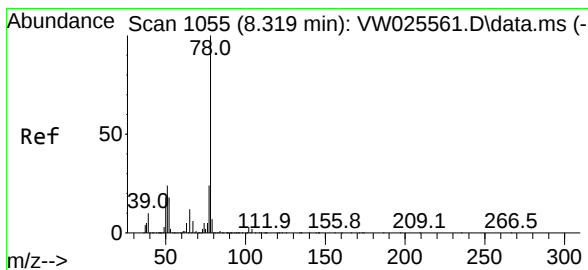
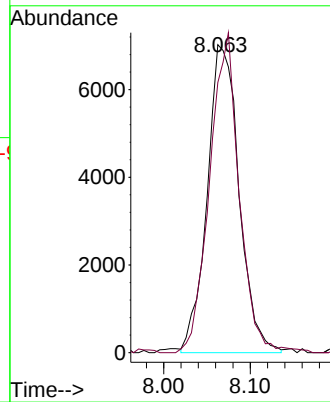
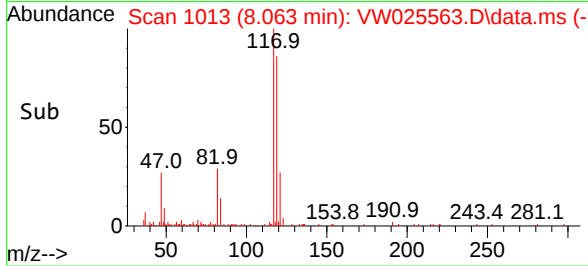
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2023-03DL



Tgt Ion: 117 Resp: 1796
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5

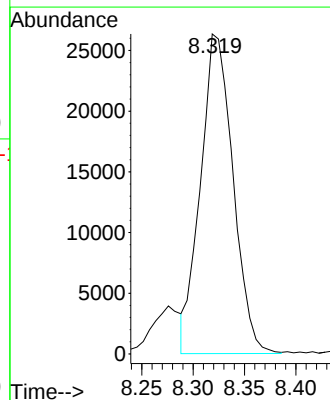
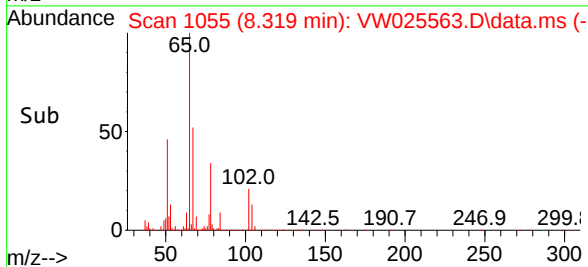
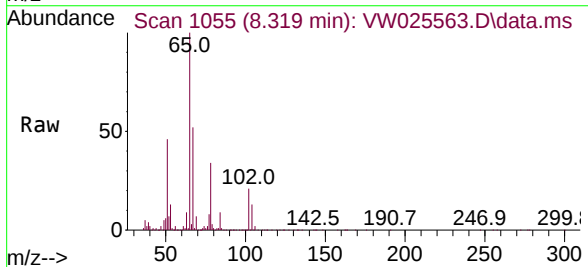
Manual Integrations
APPROVED

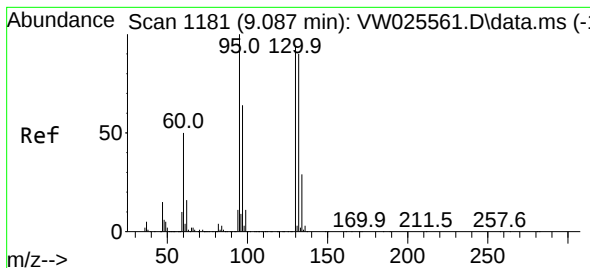
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#33
Benzene
Concen: 1.207 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.007 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Tgt Ion: 78 Resp: 57926





#34

Trichloroethene

Concen: 1.194 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW025563.D

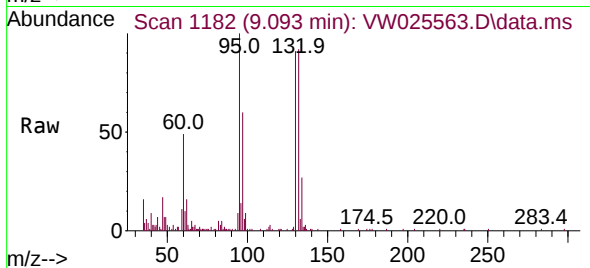
Acq: 07 Apr 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2023-03DL



Tgt Ion: 95 Resp: 1490

Ion Ratio Lower Upper

95 100

97 60.4 42.5 78.9

132 91.8 59.8 111.1

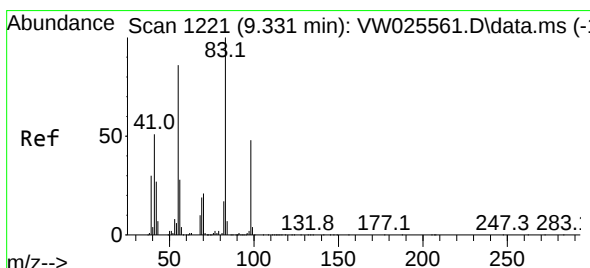
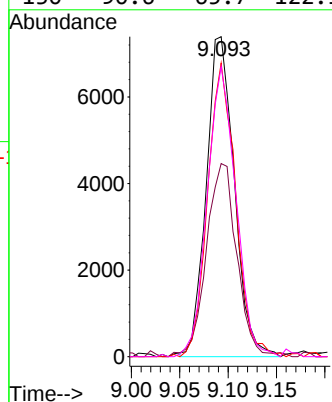
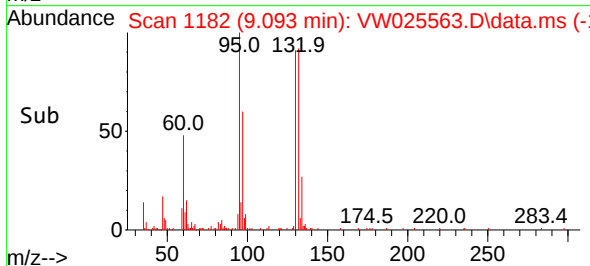
130 90.6 65.7 122.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#35

Methylcyclohexane

Concen: 1.007 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW025563.D

Acq: 07 Apr 2023 10:20

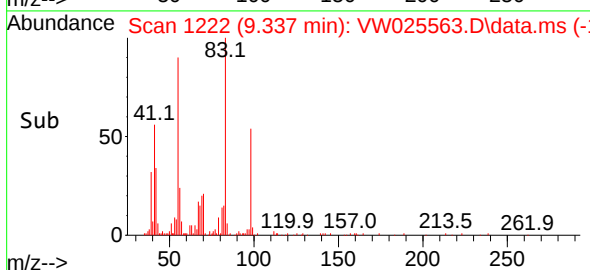
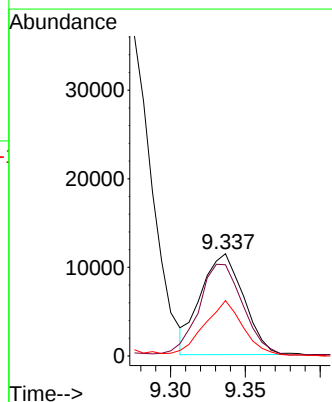
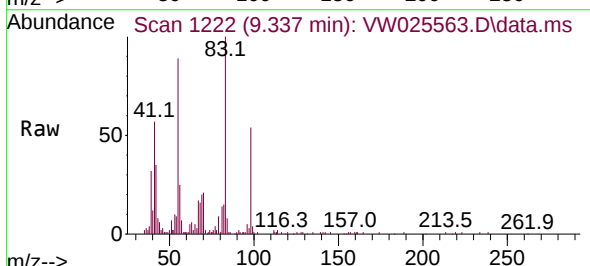
Tgt Ion: 83 Resp: 22684

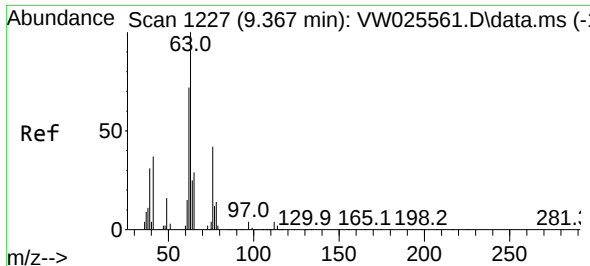
Ion Ratio Lower Upper

83 100

55 93.2 68.7 103.1

98 48.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 1.226 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW025563.D

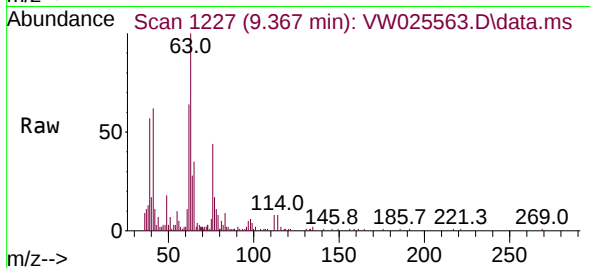
Acq: 07 Apr 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2023-03DL



Tgt Ion: 63 Resp: 1553

Ion Ratio Lower Upper

63 100

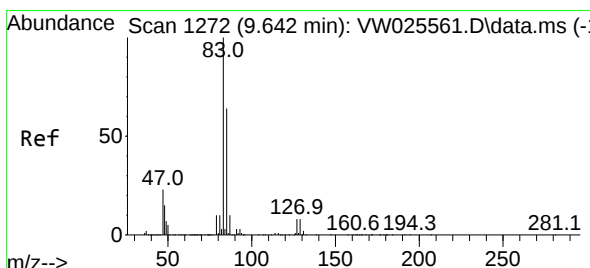
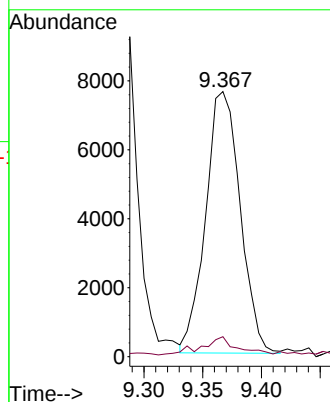
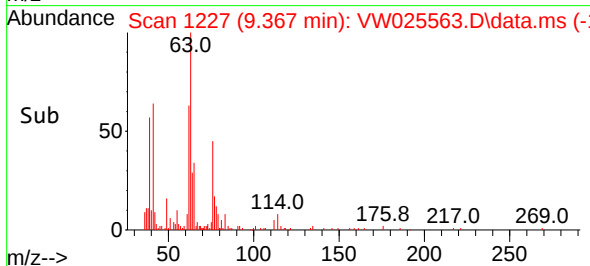
112 5.2 3.4 5.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#38

Bromodichloromethane

Concen: 1.253 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.007 min

Lab File: VW025563.D

Acq: 07 Apr 2023 10:20

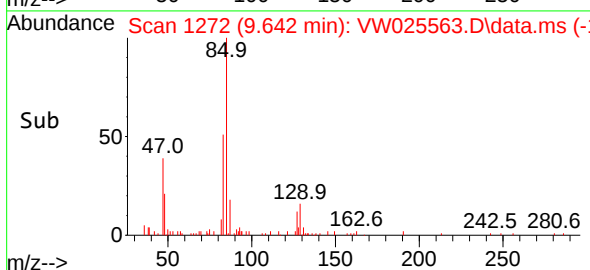
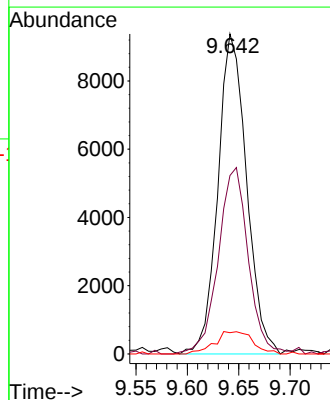
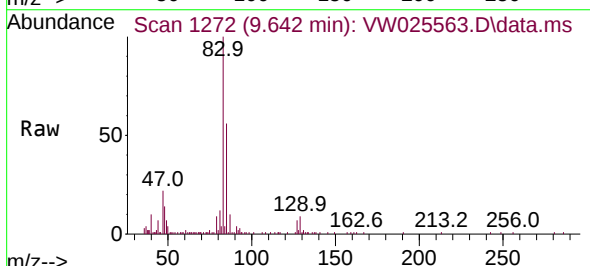
Tgt Ion: 83 Resp: 18164

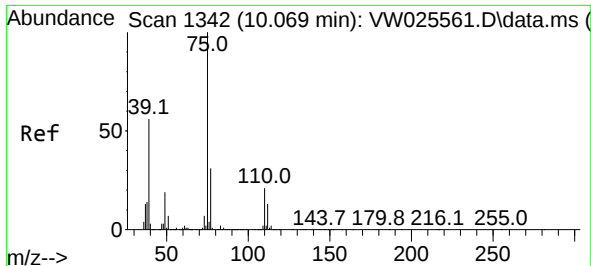
Ion Ratio Lower Upper

83 100

85 55.8 43.5 80.7

127 6.6 5.8 8.8





#39

cis-1,3-Dichloropropene

Concen: 1.203 ug/L

RT: 10.068 min Scan# 11

Delta R.T. -0.007 min

Lab File: VW025563.D

Acq: 07 Apr 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2023-03DL

Tgt Ion: 75 Resp: 2186

Ion Ratio Lower Upper

75 100

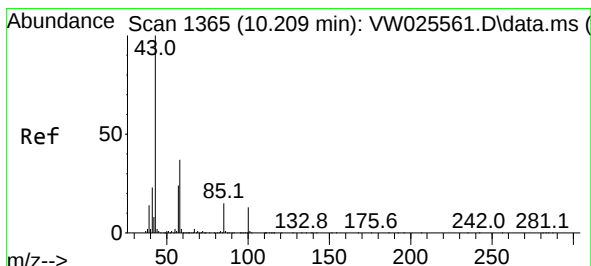
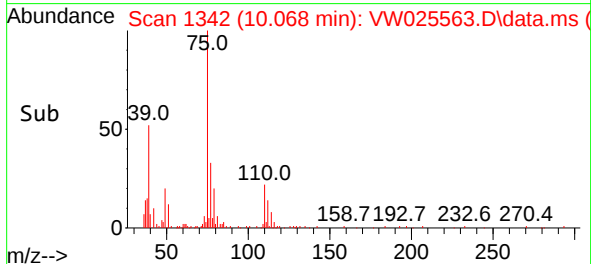
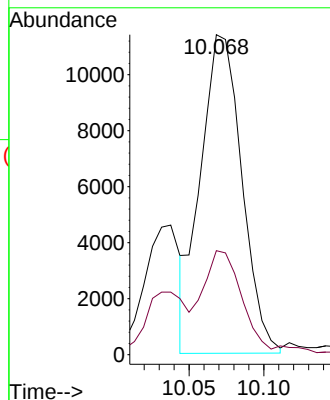
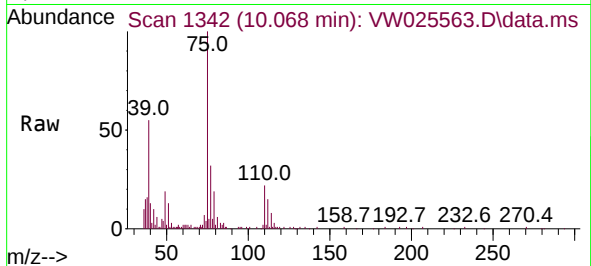
77 32.5 22.8 42.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#40

4-Methyl-2-pentanone

Concen: 2.526 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025563.D

Acq: 07 Apr 2023 10:20

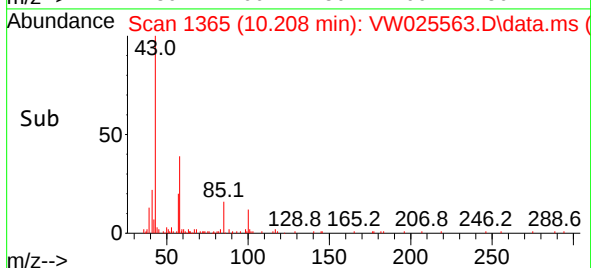
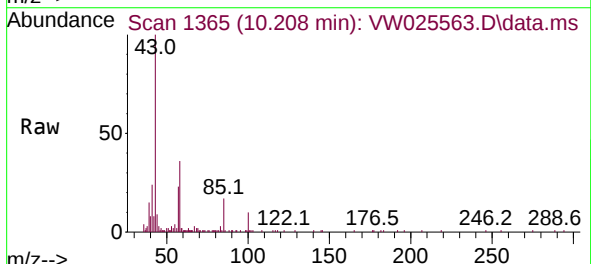
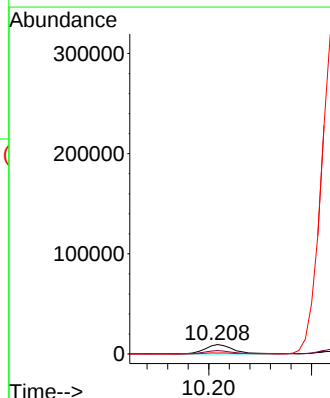
Tgt Ion: 43 Resp: 18115

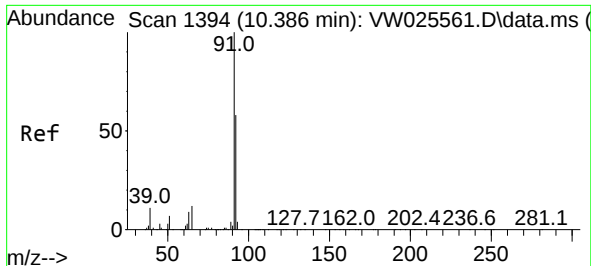
Ion Ratio Lower Upper

43 100

58 36.3 29.2 43.8

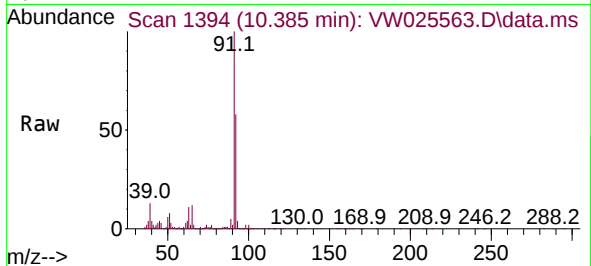
100 6.6 10.2 15.4#





#42
Toluene
Concen: 1.188 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

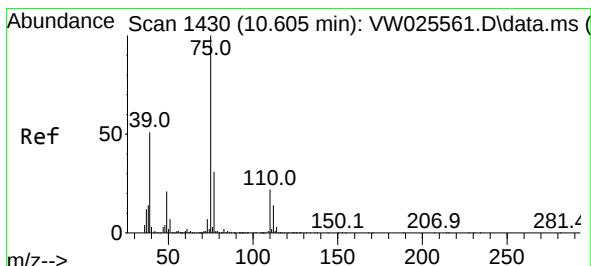
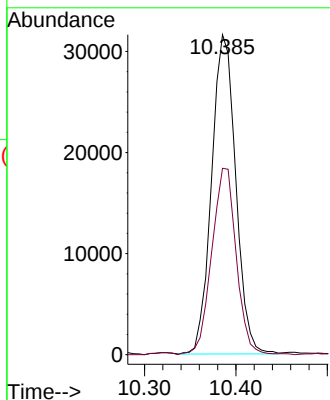
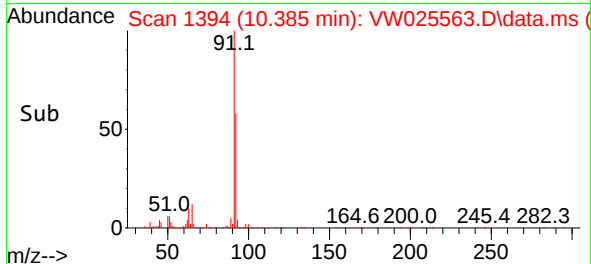
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2023-03DL



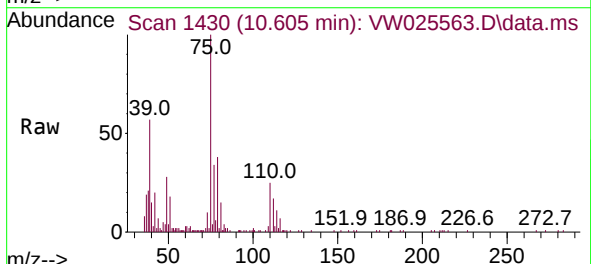
Tgt Ion: 91 Resp: 5802
Ion Ratio Lower Upper
91 100
92 58.3 41.1 76.3

Manual Integrations
APPROVED

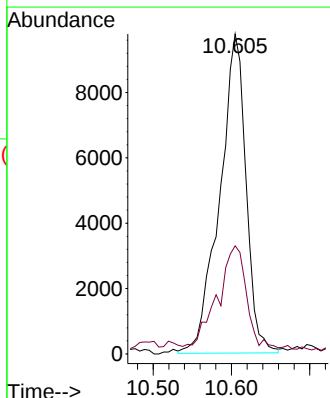
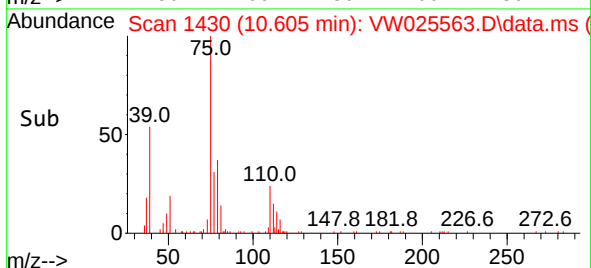
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

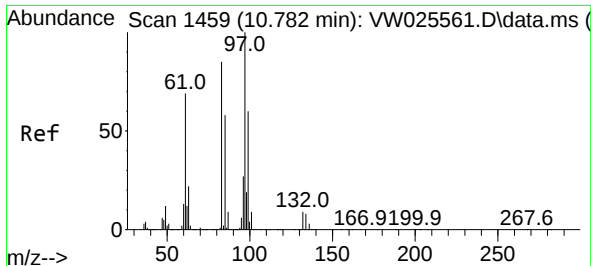


#44
trans-1,3-Dichloropropene
Concen: 1.522 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20



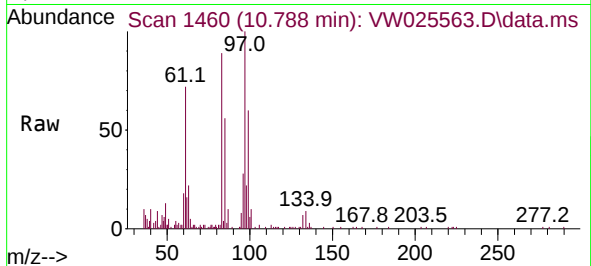
Tgt Ion: 75 Resp: 22813
Ion Ratio Lower Upper
75 100
77 33.8 22.5 41.9





#45
1,1,2-Trichloroethane
Concen: 1.230 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

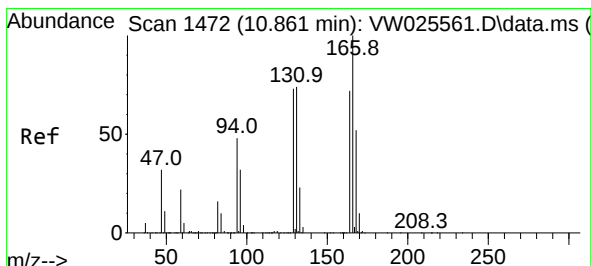
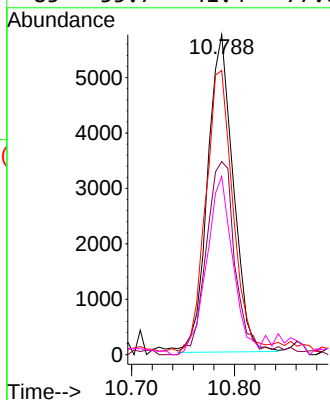
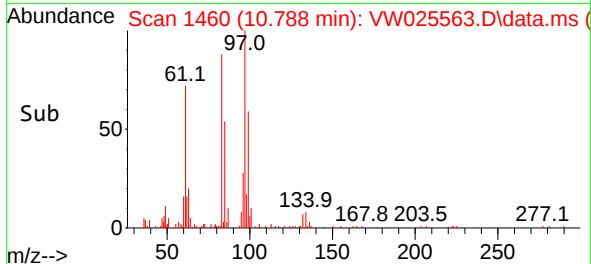
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2023-03DL



Tgt Ion:	97	Resp:	993
Ion	Ratio	Lower	Upper
97	100		
99	60.3	43.8	81.3
83	88.8	61.8	114.8
85	55.7	41.4	77.0

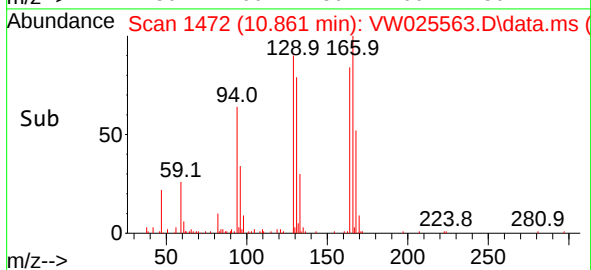
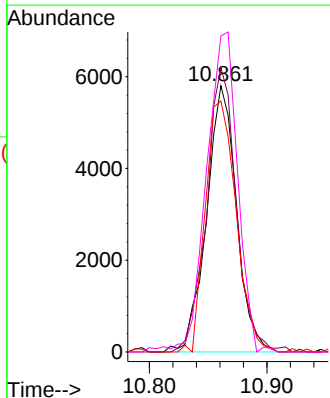
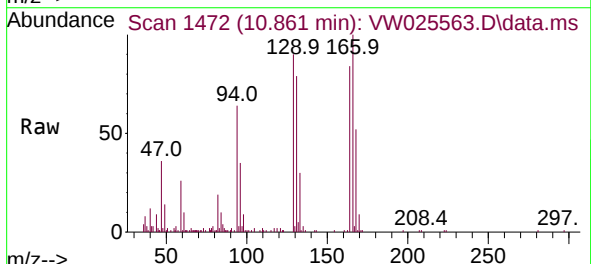
Manual Integrations
APPROVED

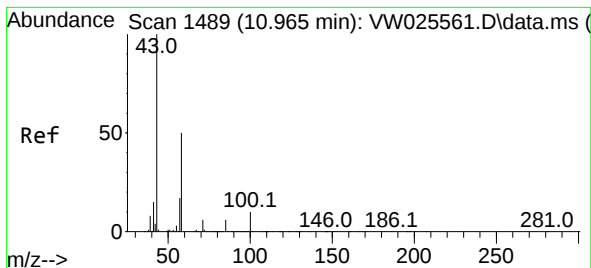
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#46
Tetrachloroethene
Concen: 1.164 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

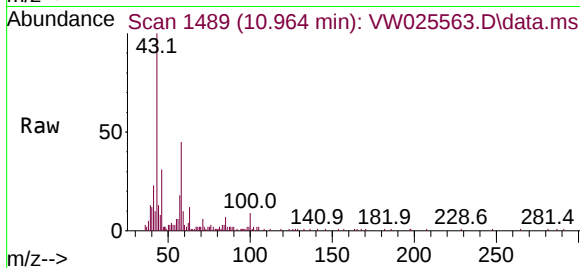
Tgt Ion:	164	Resp:	10212
Ion	Ratio	Lower	Upper
164	100		
129	106.8	76.9	142.9
131	94.3	70.5	130.9
166	118.7	89.2	165.8





#48
2-Hexanone
Concen: 2.795 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

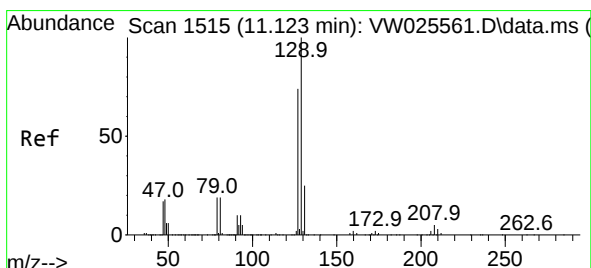
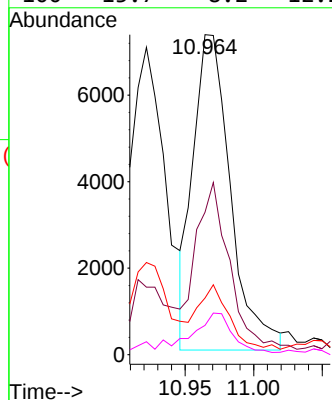
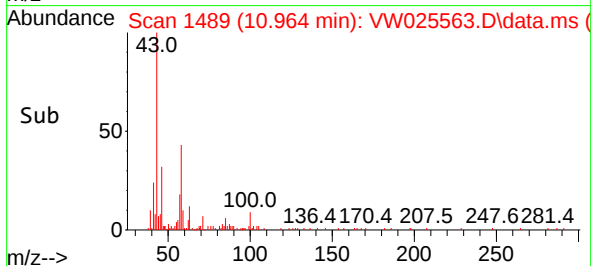
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2023-03DL



Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
58 47.5 38.6 57.8
57 17.9 13.9 20.9
100 13.7 8.2 12.2#

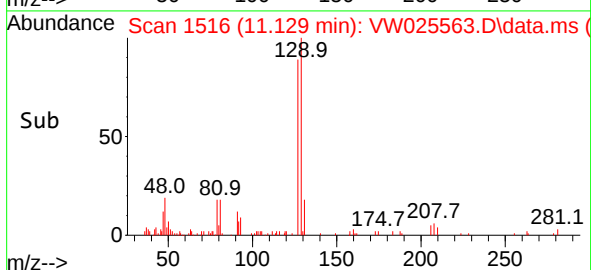
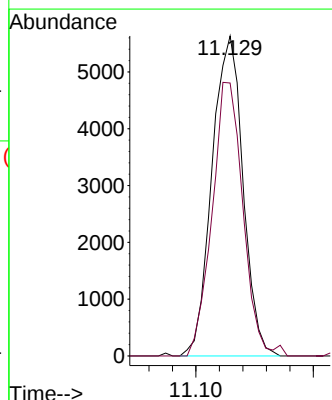
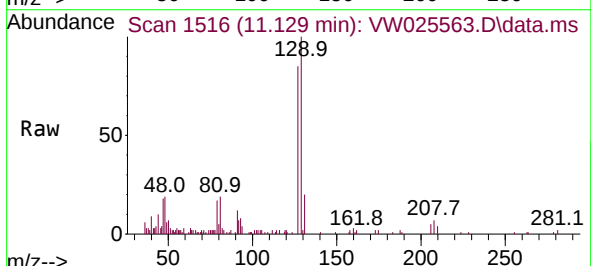
Manual Integrations
APPROVED

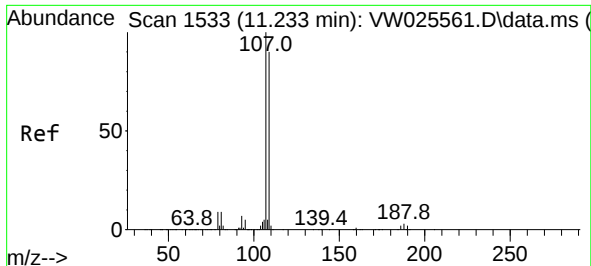
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#49
Dibromochloromethane
Concen: 1.213 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

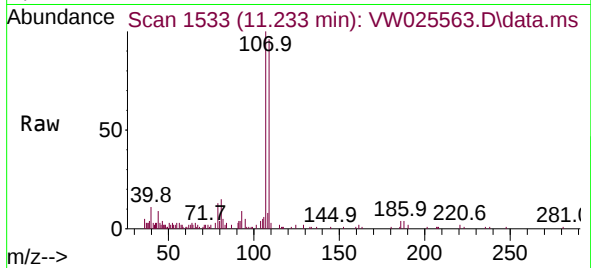
Tgt Ion:129 Resp: 10317
Ion Ratio Lower Upper
129 100
127 85.3 54.0 100.2





#50
1,2-Dibromoethane
Concen: 1.284 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

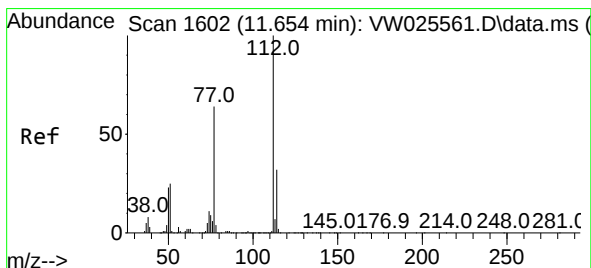
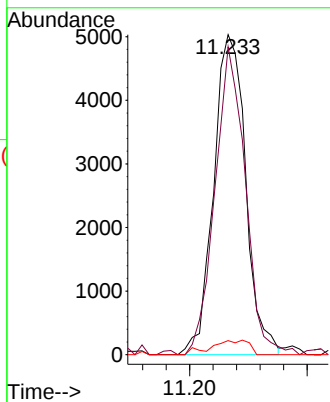
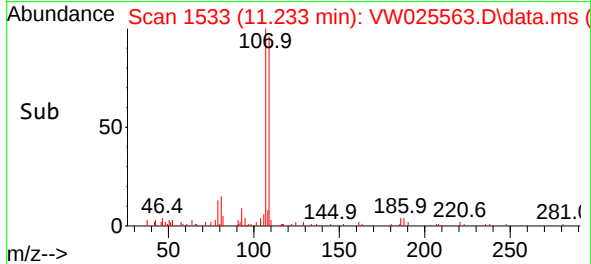
Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2023-03DL



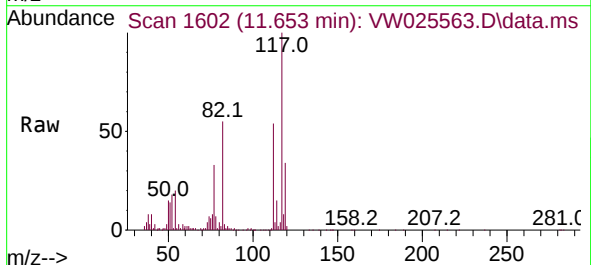
Tgt Ion:107 Resp: 953
Ion Ratio Lower Upper
107 100
109 96.2 64.1 119.1
188 4.4 2.8 4.2

Manual Integrations
APPROVED

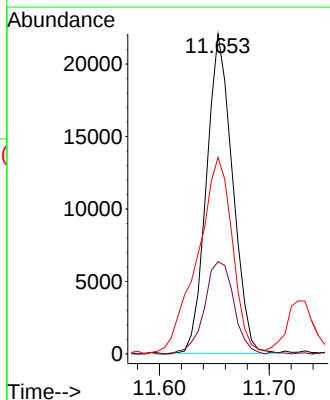
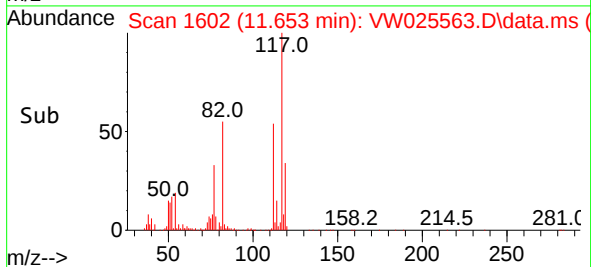
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

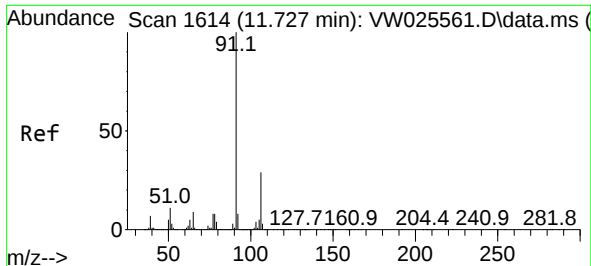


#51
Chlorobenzene
Concen: 1.208 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20



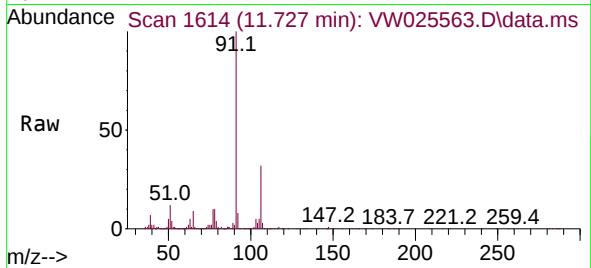
Tgt Ion:112 Resp: 36352
Ion Ratio Lower Upper
112 100
114 28.9 21.6 40.2
77 61.4 50.2 75.2





#52
Ethylbenzene
Concen: 1.110 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

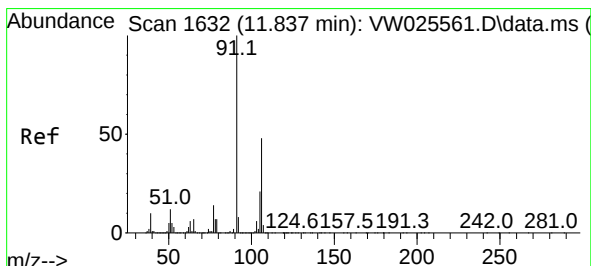
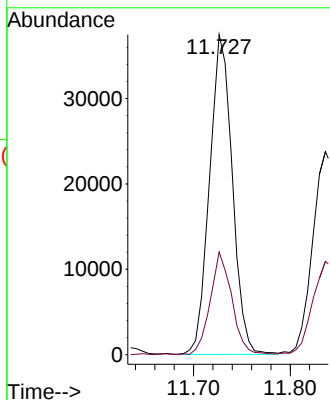
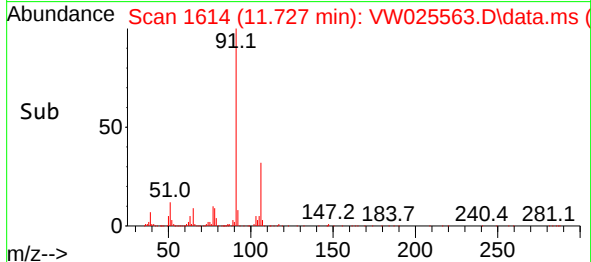
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2023-03DL



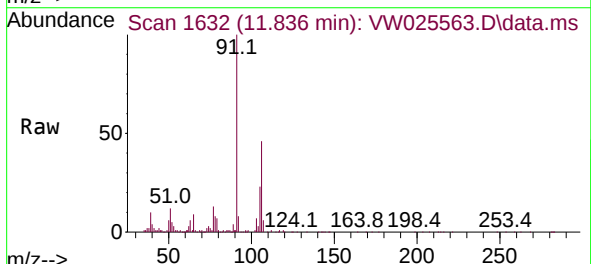
Tgt Ion: 91 Resp: 6137
Ion Ratio Lower Upper
91 100
106 32.1 20.3 37.7

Manual Integrations
APPROVED

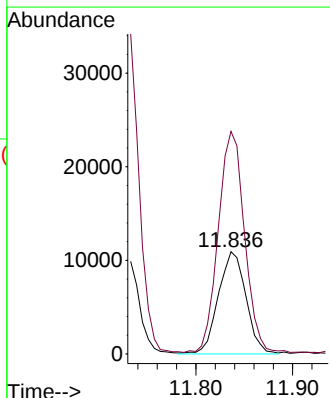
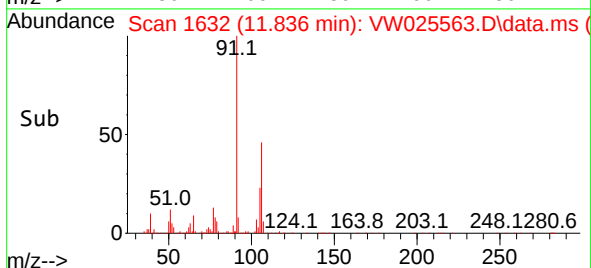
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023

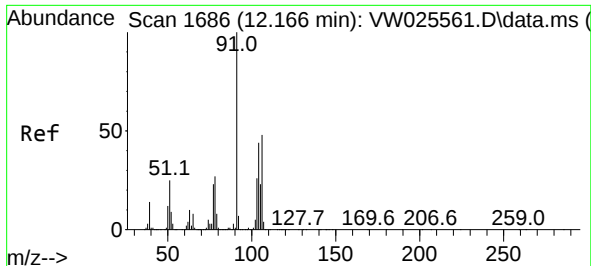


#53
m,p-Xylene
Concen: 1.071 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20



Tgt Ion:106 Resp: 21709
Ion Ratio Lower Upper
106 100
91 217.5 148.0 274.8





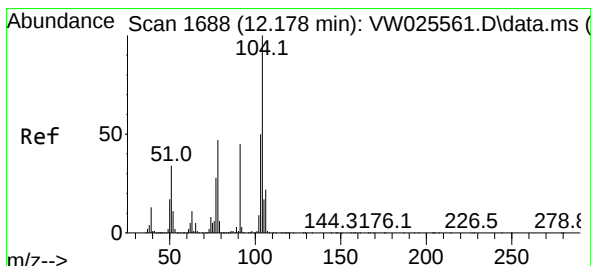
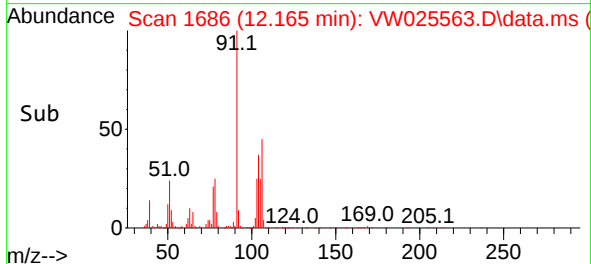
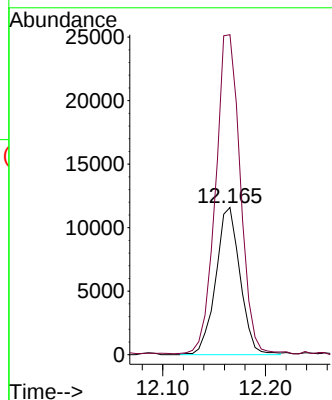
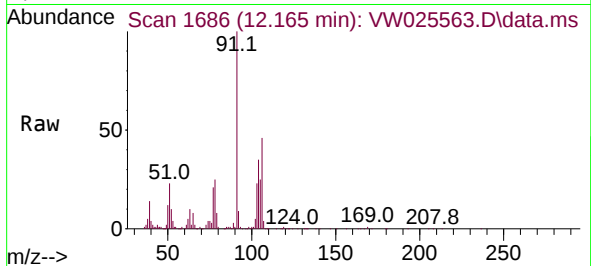
#54
o-Xylene
Concen: 1.004 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2023-03DL

Tgt Ion:106 Resp: 1903
Ion Ratio Lower Upper
106 100
91 217.4 158.2 293.8

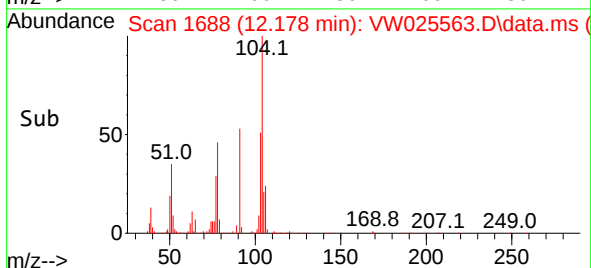
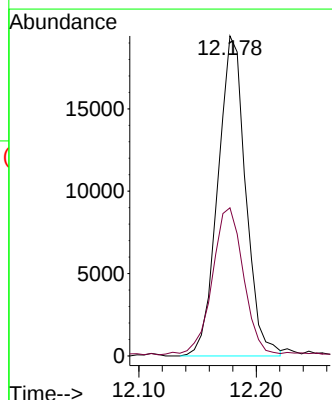
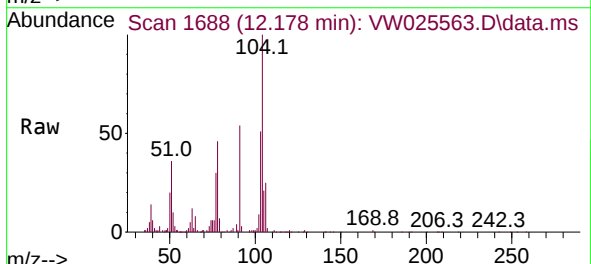
Manual Integrations
APPROVED

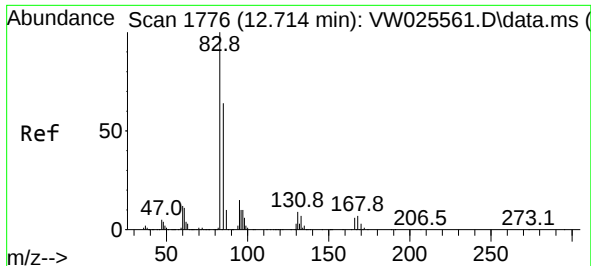
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#55
Styrene
Concen: 1.001 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Tgt Ion:104 Resp: 31941
Ion Ratio Lower Upper
104 100
78 46.3 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 1.412 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.007 min

Lab File: VW025563.D

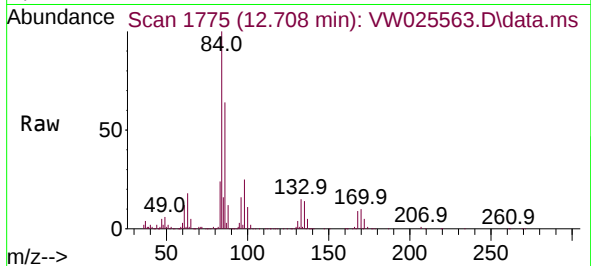
Acq: 07 Apr 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2023-03DL

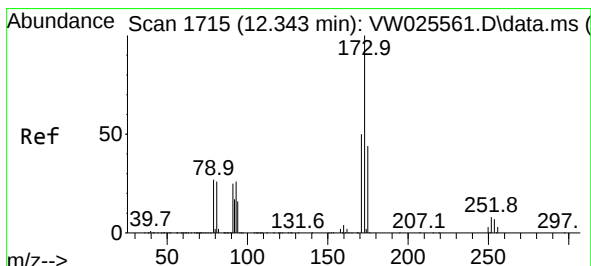
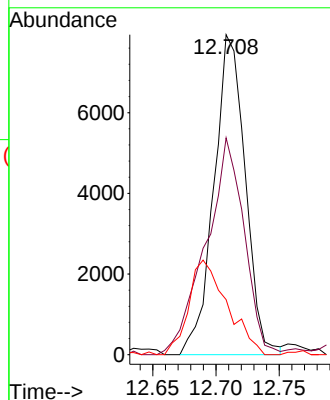
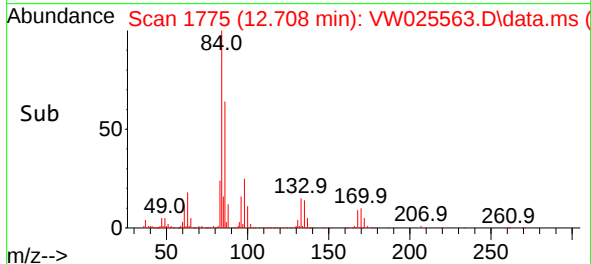


Tgt Ion:	83	Resp:	1366
Ion Ratio	Lower	Upper	
83	100		
85	67.7	43.5	80.7
131	17.2	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#59

Bromoform

Concen: 1.317 ug/L

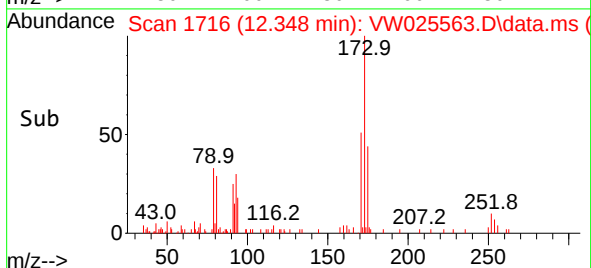
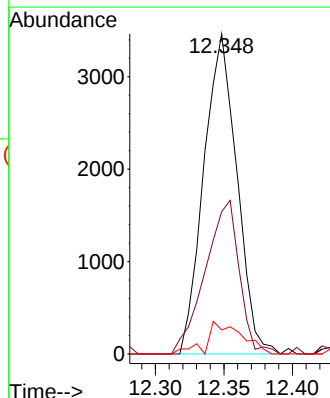
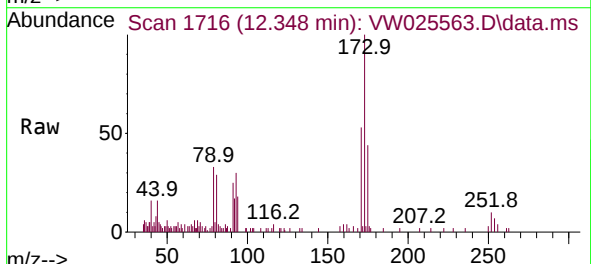
RT: 12.348 min Scan# 1716

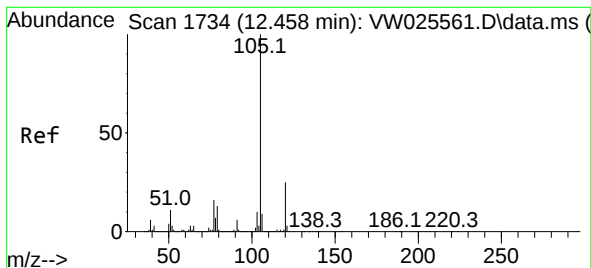
Delta R.T. -0.000 min

Lab File: VW025563.D

Acq: 07 Apr 2023 10:20

Tgt Ion:	173	Resp:	5827
Ion Ratio	Lower	Upper	
173	100		
175	48.5	36.1	54.1
254	3.8	7.0	10.6





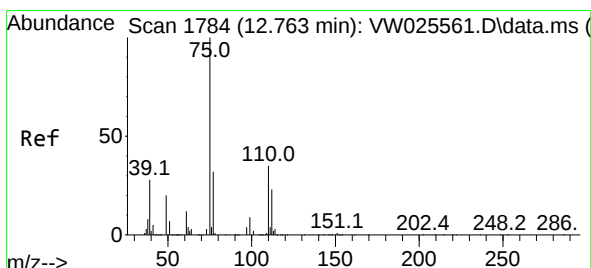
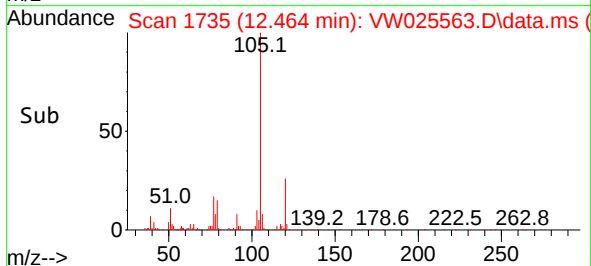
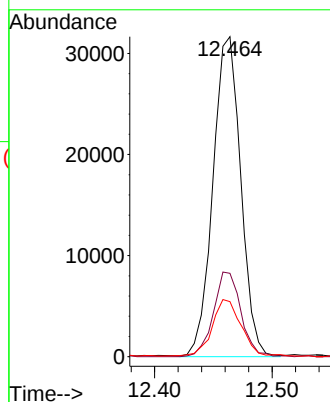
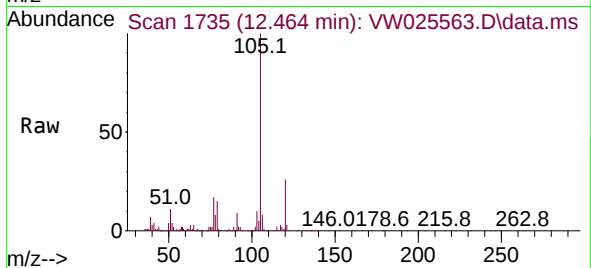
#60
Isopropylbenzene
Concen: 1.031 ug/L
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2023-03DL

Tgt Ion:105 Resp: 5214
Ion Ratio Lower Upper
105 100
120 26.0 20.1 30.1
77 18.1 13.2 19.8

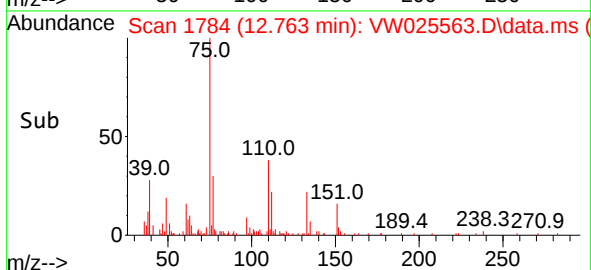
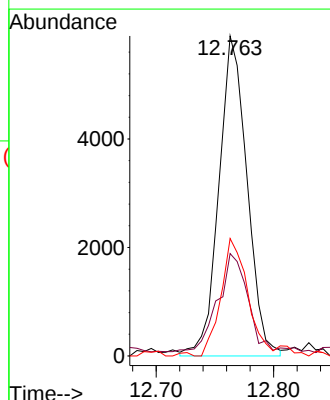
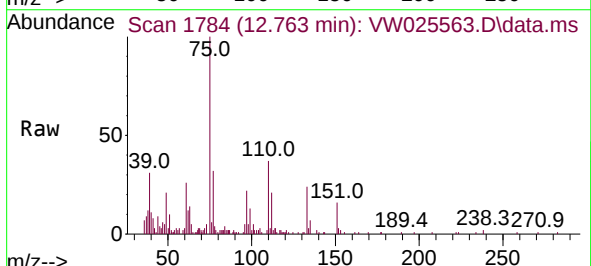
Manual Integrations
APPROVED

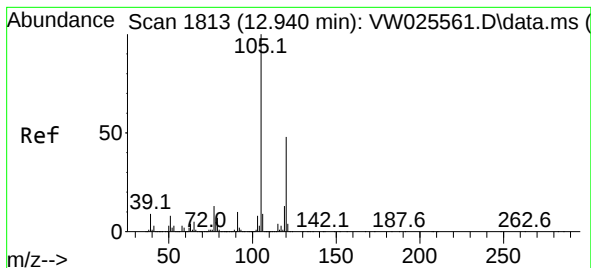
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#61
1,2,3-Trichloropropane
Concen: 1.469 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Tgt Ion: 75 Resp: 9835
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.2
110 34.8 29.0 43.6





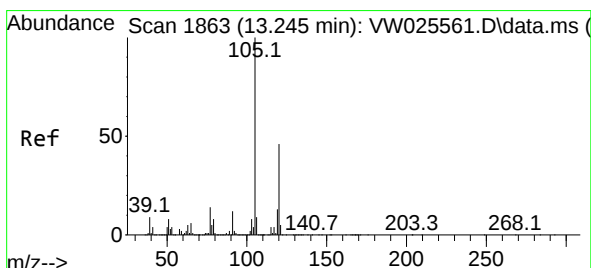
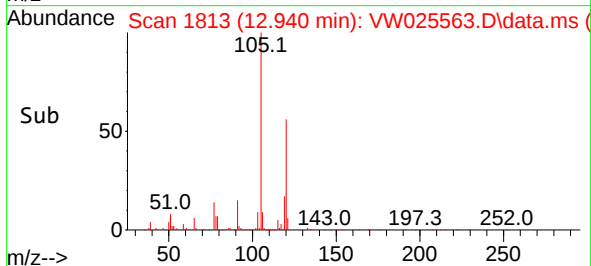
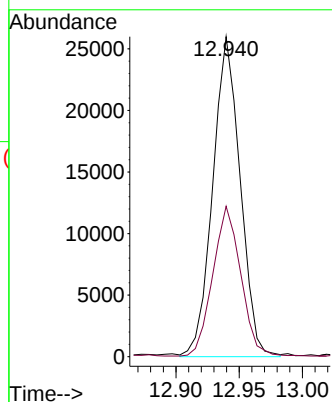
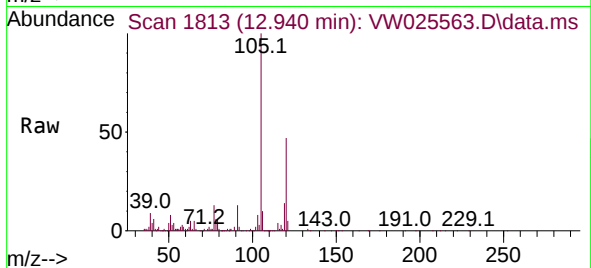
#62
1,3,5-Trimethylbenzene
Concen: 0.981 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2023-03DL

Tgt Ion:105 Resp: 39184
Ion Ratio Lower Upper
105 100
120 47.5 38.4 57.6

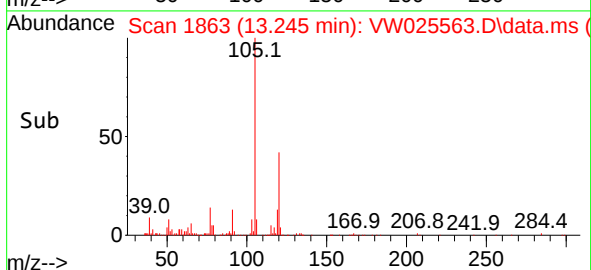
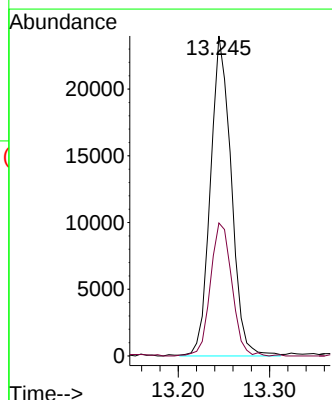
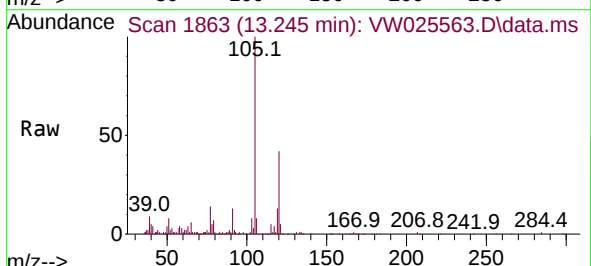
Manual Integrations
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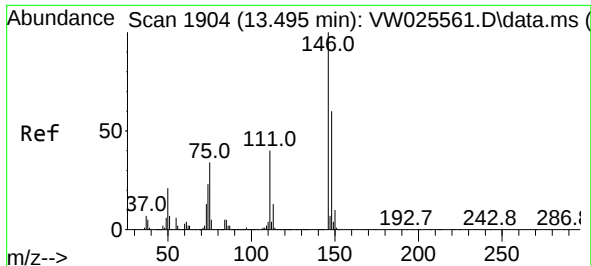
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#63
1,2,4-Trimethylbenzene
Concen: 0.987 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Tgt Ion:105 Resp: 37946
Ion Ratio Lower Upper
105 100
120 42.4 34.8 52.2





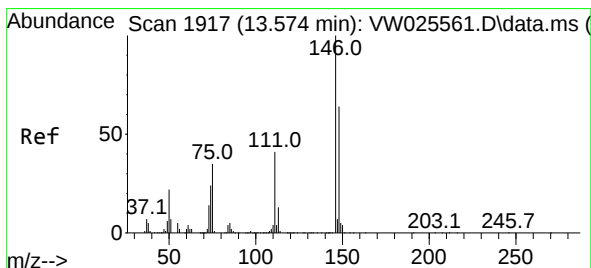
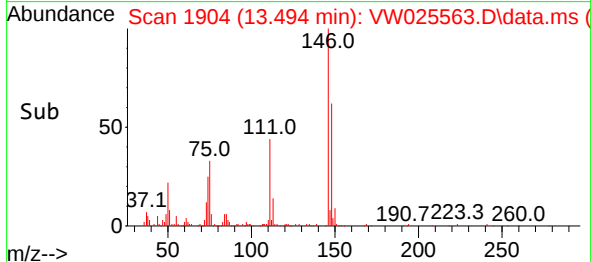
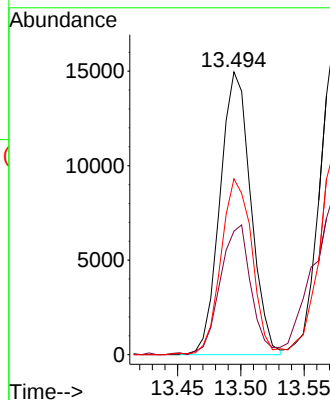
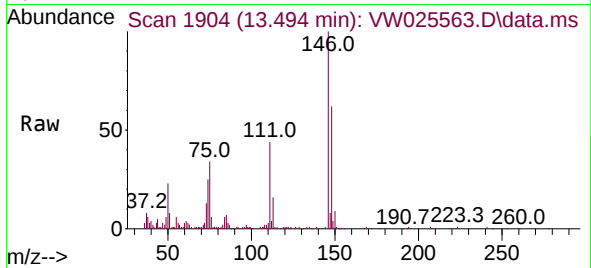
#64
1,3-Dichlorobenzene
Concen: 1.206 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Instrument : MSVOA_W
ClientSampleId : MDL-SOIL-QT2-2023-03DL

Tgt Ion:146 Resp: 25289
Ion Ratio Lower Upper
146 100
111 43.7 29.7 55.1
148 62.2 43.4 80.6

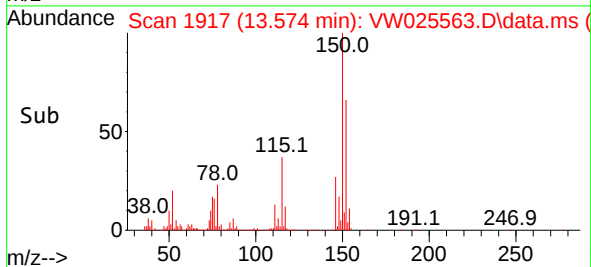
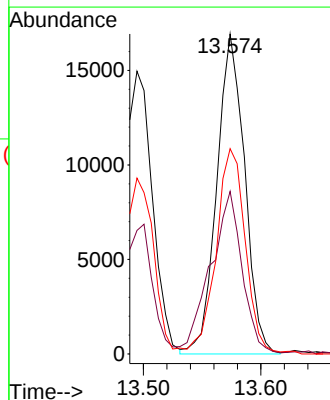
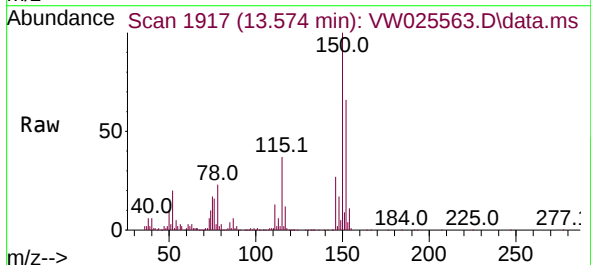
Manual Integrations
APPROVED

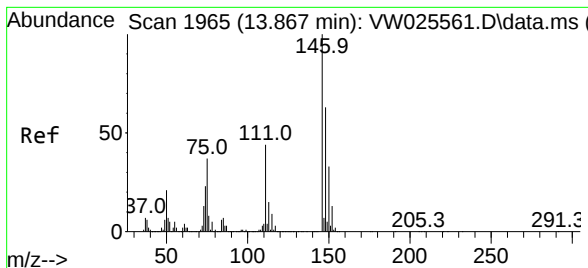
Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#65
1,4-Dichlorobenzene
Concen: 1.301 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

Tgt Ion:146 Resp: 27862
Ion Ratio Lower Upper
146 100
111 50.8 30.4 56.5
148 64.2 48.6 90.3





#67

1,2-Dichlorobenzene

Concen: 1.381 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025563.D

Acq: 07 Apr 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

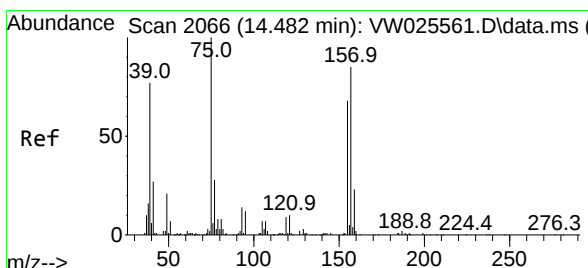
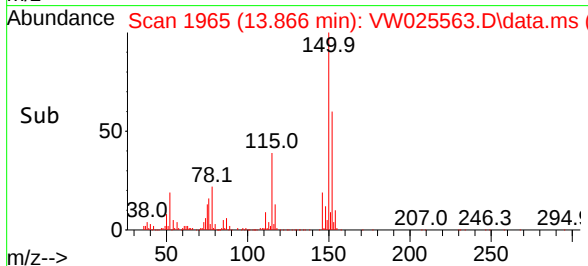
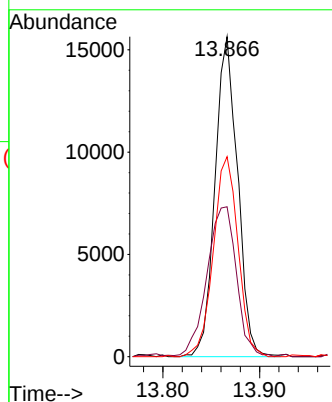
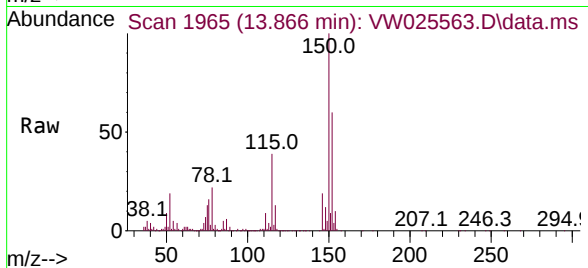
MDL-SOIL-QT2-2023-03DL

Tgt Ion:	146	Resp:	2538
Ion Ratio	Lower	Upper	
146	100		
111	46.9	35.3	52.9
148	62.5	47.9	71.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 1.705 ug/L

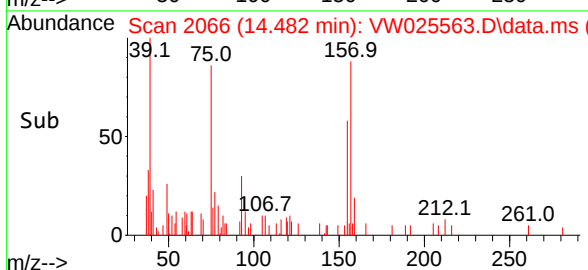
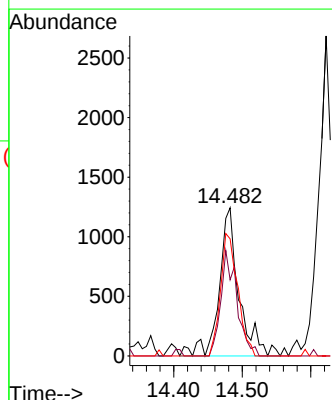
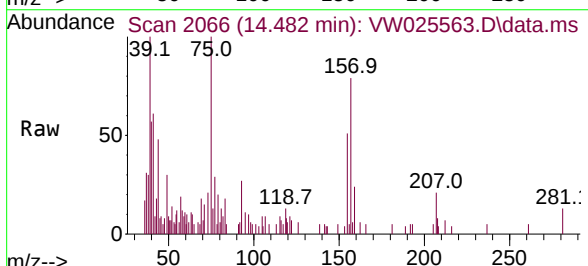
RT: 14.482 min Scan# 2066

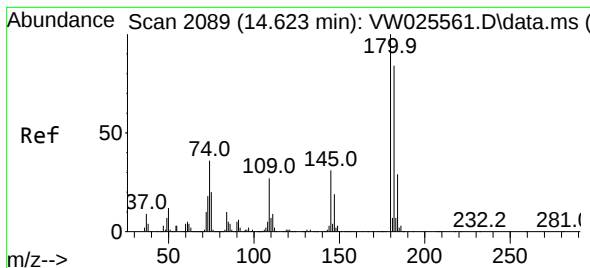
Delta R.T. -0.000 min

Lab File: VW025563.D

Acq: 07 Apr 2023 10:20

Tgt Ion:	75	Resp:	2504
Ion Ratio	Lower	Upper	
75	100		
155	51.4	61.1	91.7#
157	79.1	72.8	109.2





#69

1,3,5-Trichlorobenzene

Concen: 1.237 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025563.D

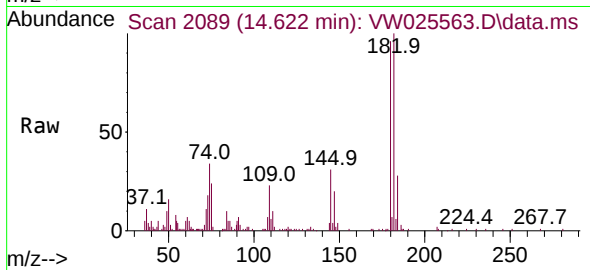
Acq: 07 Apr 2023 10:20

Instrument :

MSVOA_W

ClientSampleId :

MDL-SOIL-QT2-2023-03DL



Tgt Ion:180 Resp: 1736

Ion Ratio Lower Upper

180 100

182 92.0 76.4 114.6

184 29.7 24.1 36.1

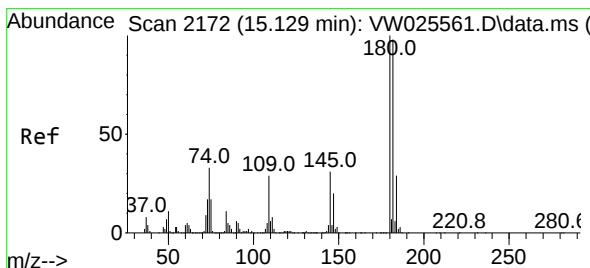
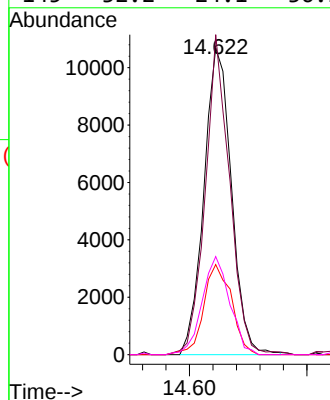
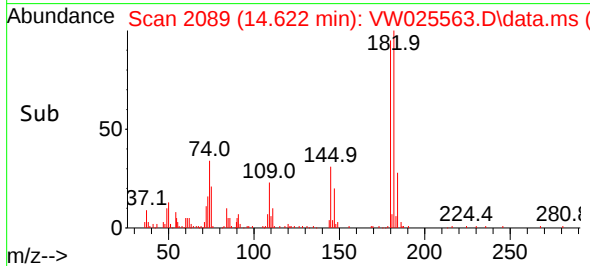
145 32.2 24.1 36.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/10/2023

Supervised By :Mahesh Dadoda 04/10/2023



#70

1,2,4-trichlorobenzene

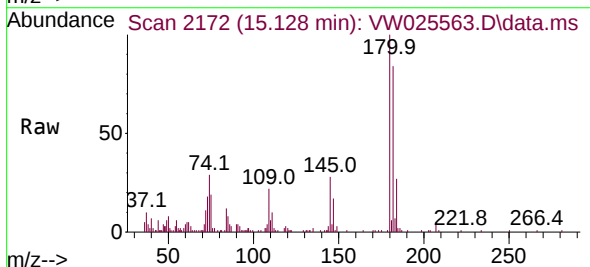
Concen: 1.205 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025563.D

Acq: 07 Apr 2023 10:20



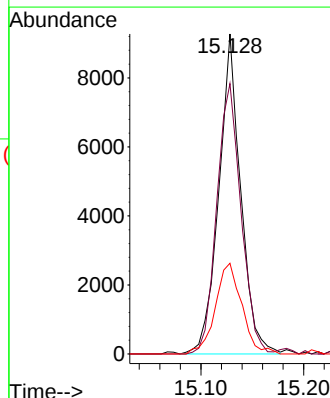
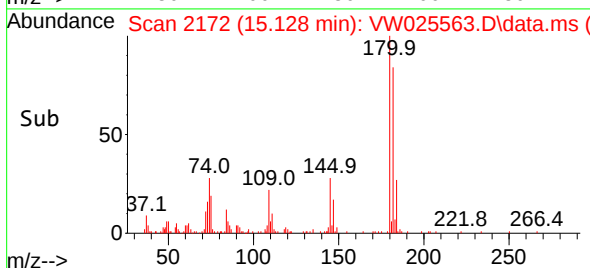
Tgt Ion:180 Resp: 13739

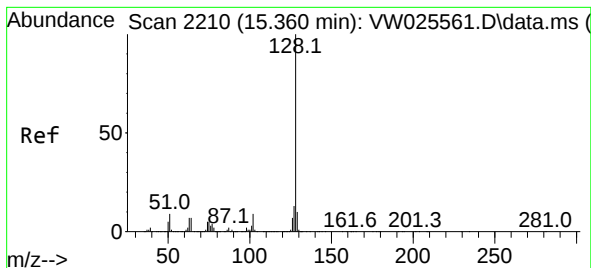
Ion Ratio Lower Upper

180 100

182 93.3 79.5 119.3

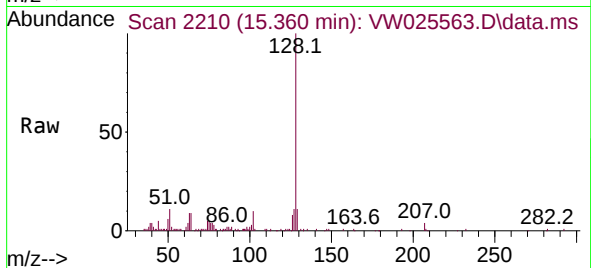
145 34.2 27.4 41.0





#71
Naphthalene
Concen: 1.107 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20

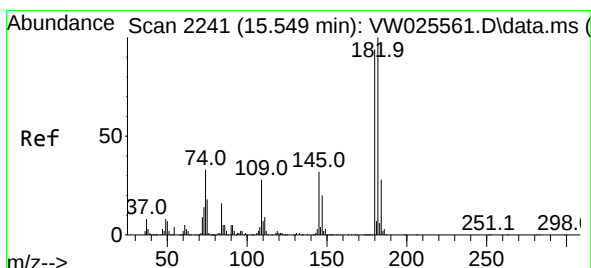
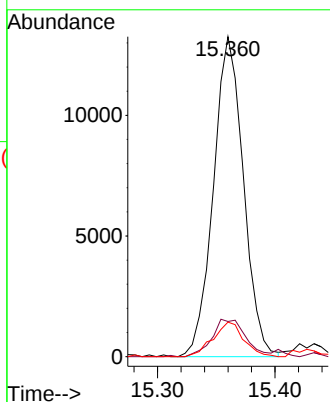
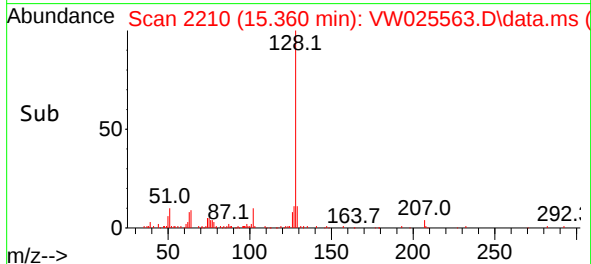
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT2-2023-03DL



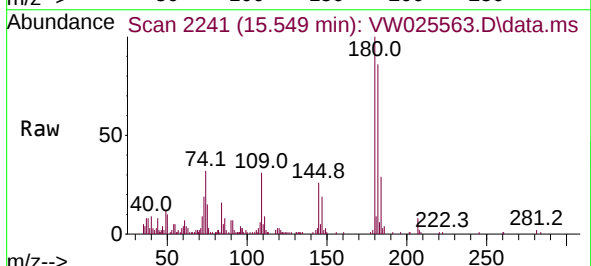
Tgt Ion:128 Resp: 23549
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/10/2023
Supervised By :Mahesh Dadoda 04/10/2023



#72
1,2,3-Trichlorobenzene
Concen: 1.314 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025563.D
Acq: 07 Apr 2023 10:20



Tgt Ion:180 Resp: 13097
Ion Ratio Lower Upper
180 100
182 93.4 72.9 109.3
145 31.5 27.0 40.6

