

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019481.D
 Acq On : 10 Sep 2024 11:33
 Operator : SY/MD
 Sample : P3390-01 4 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Quant Time: Sep 11 06:37:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 06:35:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	524592	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	928764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	781394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	356447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	285645	58.804	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.600%			
35) Dibromofluoromethane	7.634	113	283949	53.922	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.840%			
50) Toluene-d8	10.109	98	1069914	54.931	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.860%			
62) 4-Bromofluorobenzene	12.408	95	379665	50.695	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 101.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	12641	3.812	ug/l	95
3) Chloromethane	2.068	50	14324	3.300	ug/l	100
4) Vinyl Chloride	2.202	62	16093	3.429	ug/l	94
5) Bromomethane	2.598	94	11178	3.877	ug/l	93
6) Chloroethane	2.732	64	12045	3.926	ug/l	98
7) Trichlorofluoromethane	3.062	101	30048	3.841	ug/l	98
8) Diethyl Ether	3.452	74	11433	4.354	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	18811	3.887	ug/l	94
10) Methyl Iodide	4.007	142	22017	3.548	ug/l	94
11) Tert butyl alcohol	4.860	59	9764m	24.890	ug/l	
12) 1,1-Dichloroethene	3.793	96	16757	3.600	ug/l	93
13) Acrolein	3.653	56	11926	56.694	ug/l	99
14) Allyl chloride	4.385	41	30445	3.648	ug/l #	93
15) Acrylonitrile	5.067	53	26501	23.404	ug/l	94
16) Acetone	3.879	43	24452	21.129	ug/l #	82
17) Carbon Disulfide	4.104	76	23402	1.861	ug/l	99
18) Methyl Acetate	4.385	43	18699	5.954	ug/l #	89
19) Methyl tert-butyl Ether	5.116	73	60295	4.574	ug/l	97
20) Methylene Chloride	4.610	84	32037	6.070	ug/l #	81
21) trans-1,2-Dichloroethene	5.110	96	18347	3.596	ug/l	96
22) Diisopropyl ether	6.018	45	77287	4.509	ug/l	91
23) Vinyl Acetate	5.957	43	264080	26.974	ug/l #	93
24) 1,1-Dichloroethane	5.915	63	41741	4.340	ug/l	99
25) 2-Butanone	6.890	43	32736	19.889	ug/l	92
26) 2,2-Dichloropropane	6.884	77	39000	4.495	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	26788	4.323	ug/l	89
28) Bromochloromethane	7.244	49	16974	4.195	ug/l	89
29) Tetrahydrofuran	7.262	42	21680	21.664	ug/l	86
30) Chloroform	7.421	83	45469	4.631	ug/l	96
31) Cyclohexane	7.701	56	33724	3.879	ug/l #	67
32) 1,1,1-Trichloroethane	7.616	97	38048	4.323	ug/l	97
36) 1,1-Dichloropropene	7.829	75	25225	3.520	ug/l	98
37) Ethyl Acetate	6.988	43	15531	4.230	ug/l	98
38) Carbon Tetrachloride	7.811	117	30481	3.772	ug/l	95
39) Methylcyclohexane	9.109	83	27660	2.901	ug/l #	86
40) Benzene	8.079	78	84698	3.838	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	9928	4.639	ug/l	86
42) 1,2-Dichloroethane	8.158	62	26417	4.448	ug/l	99
43) Isopropyl Acetate	8.195	43	32645	4.232	ug/l #	82
44) Trichloroethene	8.865	130	22525	3.969	ug/l	98
45) 1,2-Dichloropropane	9.140	63	23594	4.373	ug/l	98
46) Dibromomethane	9.231	93	13240	4.487	ug/l	86
47) Bromodichloromethane	9.420	83	35399	4.463	ug/l	99
48) Methyl methacrylate	9.219	41	14203	3.899	ug/l #	80
49) 1,4-Dioxane	9.231	88	3038	87.464	ug/l #	78
51) 4-Methyl-2-Pentanone	9.999	43	84856	21.867	ug/l	92
52) Toluene	10.170	92	56649	3.991	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	31476	4.163	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	36577	4.155	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	18859	4.628	ug/l	94
56) Ethyl methacrylate	10.438	69	25354	4.096	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	30756	4.391	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	53650	18.675	ug/l	98
59) 2-Hexanone	10.761	43	58512	20.567	ug/l	90
60) Dibromochloromethane	10.914	129	23568	4.373	ug/l	98
61) 1,2-Dibromoethane	11.018	107	16040	4.225	ug/l	99
64) Tetrachloroethene	10.646	164	18387	3.800	ug/l	95
65) Chlorobenzene	11.444	112	65526	4.263	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	24049	4.519	ug/l	96
67) Ethyl Benzene	11.517	91	114875	4.206	ug/l	98
68) m/p-Xylenes	11.633	106	85309	8.261	ug/l	91
69) o-Xylene	11.956	106	44179	4.374	ug/l	98
70) Styrene	11.969	104	72705	4.264	ug/l	95
71) Bromoform	12.133	173	13253	4.360	ug/l #	98
73) Isopropylbenzene	12.255	105	114422	4.425	ug/l	100
74) N-amyl acetate	12.072	43	30738	4.371	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	21628	4.712	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	13690m	4.098	ug/l	
77) Bromobenzene	12.529	156	25319	4.415	ug/l	91
78) n-propylbenzene	12.597	91	137140	4.474	ug/l	99
79) 2-Chlorotoluene	12.682	91	80106	4.485	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	95021	4.520	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	7323	4.208	ug/l	92
82) 4-Chlorotoluene	12.779	91	86605	4.716	ug/l	93
83) tert-Butylbenzene	12.999	119	88887	4.671	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	93833	4.509	ug/l	97
85) sec-Butylbenzene	13.176	105	125427	4.537	ug/l	99
86) p-Isopropyltoluene	13.291	119	103243	4.564	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	52024	4.668	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	50404	4.557	ug/l	91
89) n-Butylbenzene	13.615	91	96277	4.452	ug/l	98
90) Hexachloroethane	13.883	117	21374	4.541	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	46605	4.686	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3854	5.038	ug/l	74
93) 1,2,4-Trichlorobenzene	14.919	180	27195	4.496	ug/l	96
94) Hexachlorobutadiene	15.023	225	14265	4.415	ug/l	97
95) Naphthalene	15.145	128	51398	4.243	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	22396	4.329	ug/l	96

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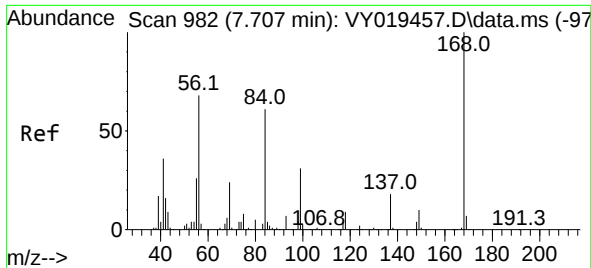
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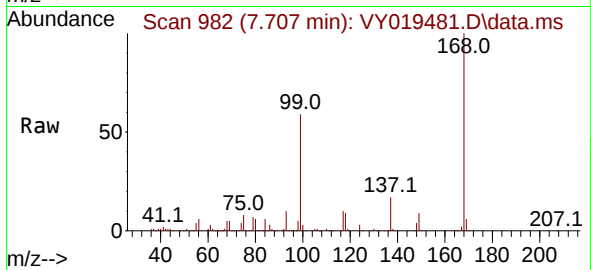
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019481.D
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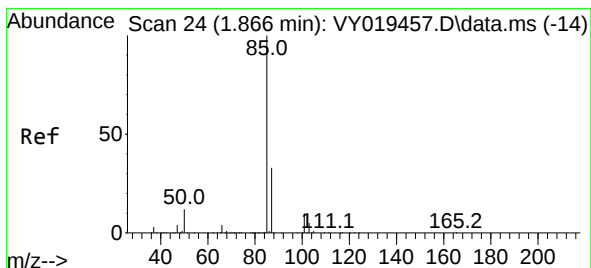
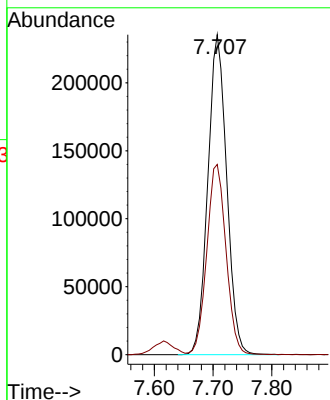
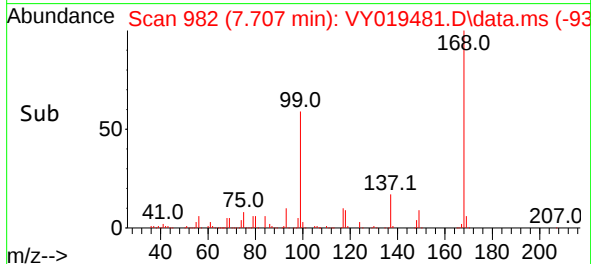
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:168 Resp: 524592
Ion Ratio Lower Upper
168 100
99 59.4 39.1 58.7

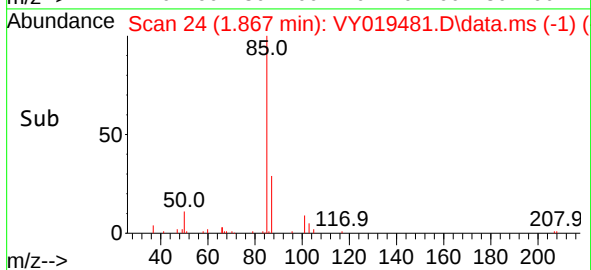
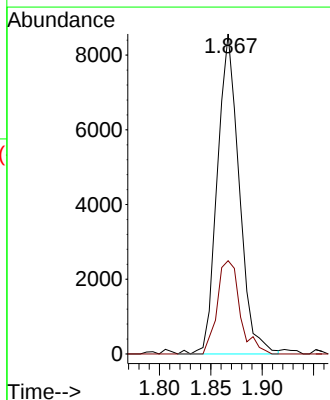
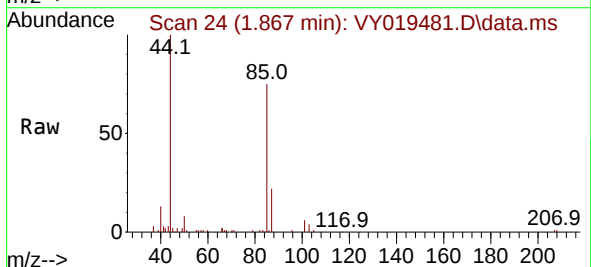
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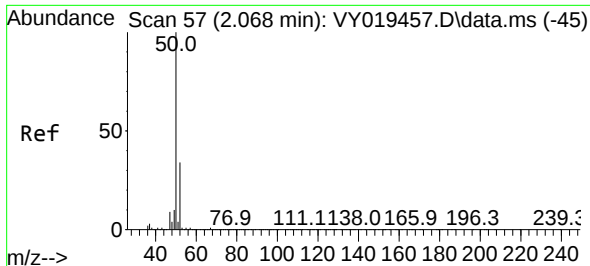
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Supervised By :Mahesh Dadoda 09/11/2024



#2
Dichlorodifluoromethane
Concen: 3.812 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

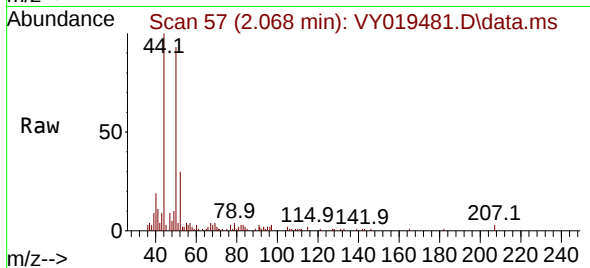
Tgt Ion: 85 Resp: 12641
Ion Ratio Lower Upper
85 100
87 29.2 16.0 48.0





#3
Chloromethane
Concen: 3.300 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

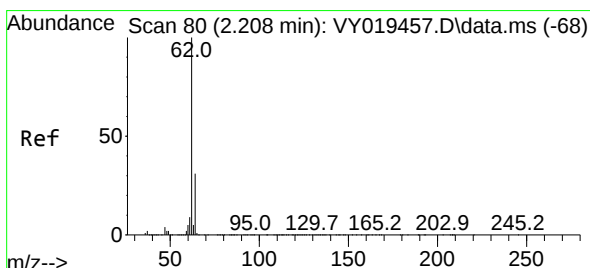
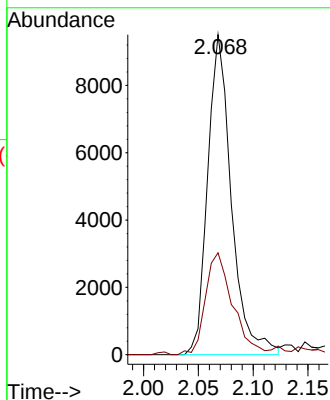
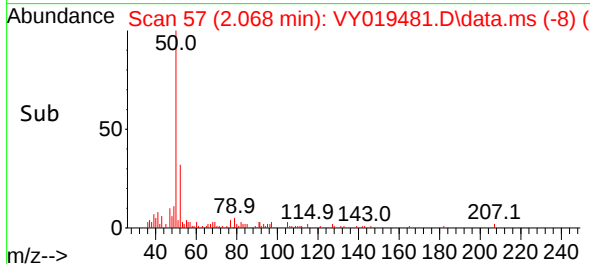
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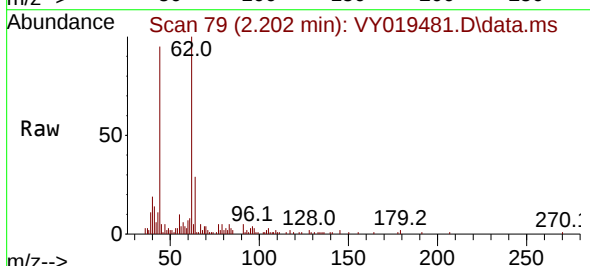
Tgt Ion: 50 Resp: 14324
Ion Ratio Lower Upper
50 100
52 31.8 25.6 38.4

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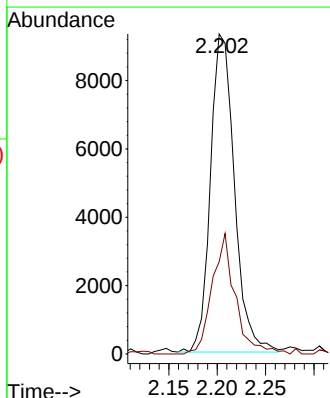
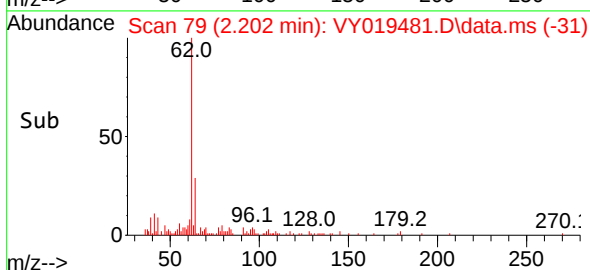
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#4
Vinyl Chloride
Concen: 3.429 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33



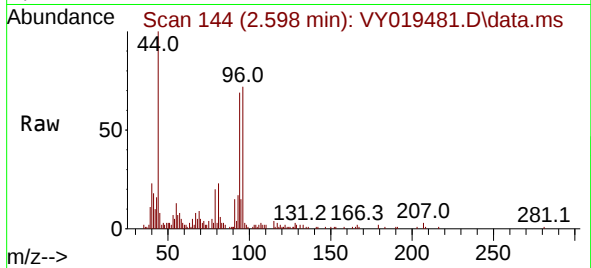
Tgt Ion: 62 Resp: 16093
Ion Ratio Lower Upper
62 100
64 29.0 26.1 39.1





#5
Bromomethane
Concen: 3.877 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

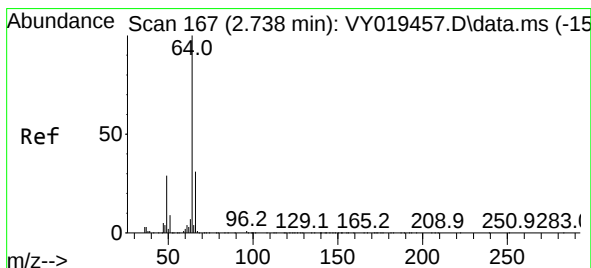
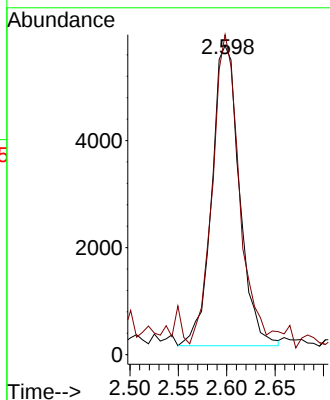
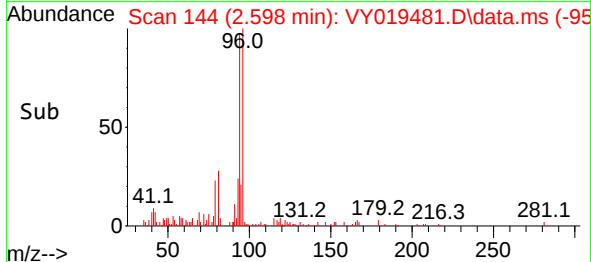
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



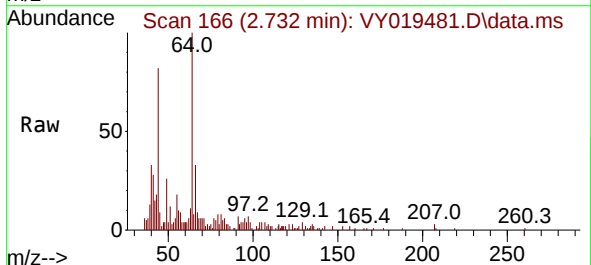
Tgt Ion: 94 Resp: 11178
Ion Ratio Lower Upper
94 100
96 98.9 74.1 111.1

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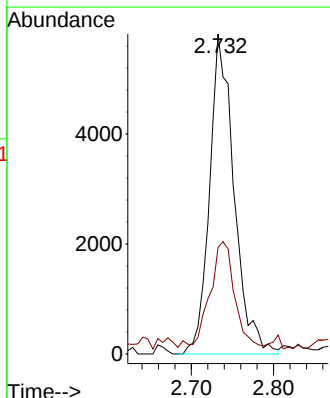
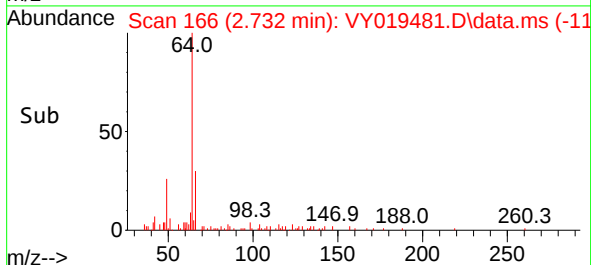
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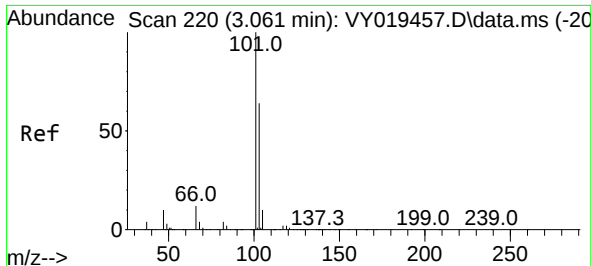


#6
Chloroethane
Concen: 3.926 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019481.D
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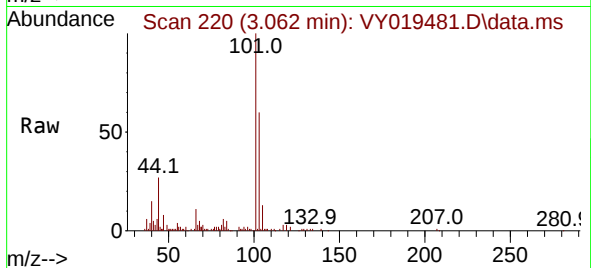
Tgt Ion: 64 Resp: 12045
Ion Ratio Lower Upper
64 100
66 31.2 26.1 39.1





#7
Trichlorofluoromethane
Concen: 3.841 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

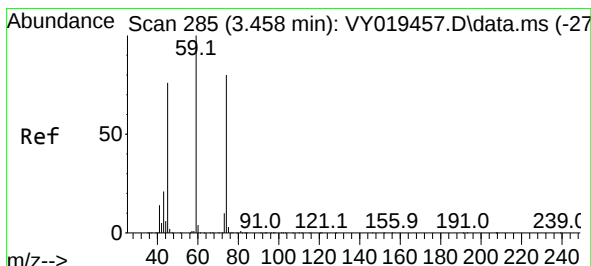
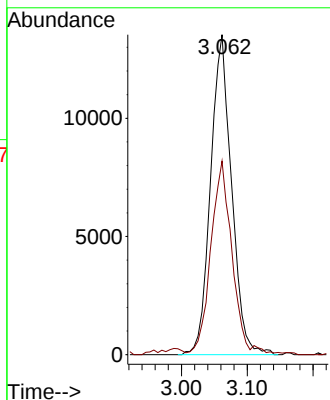
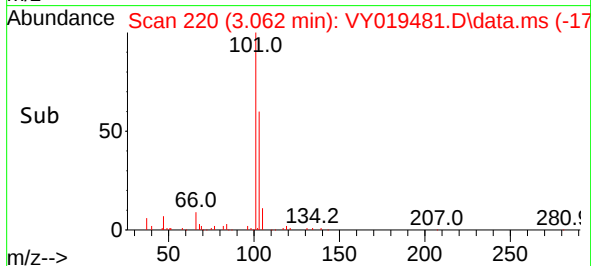
Instrument :
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LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:101 Resp: 3004
Ion Ratio Lower Upper
101 100
103 59.8 49.3 73.9

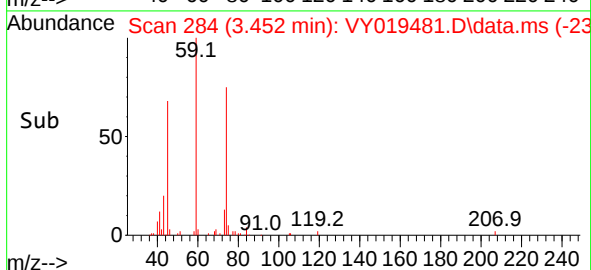
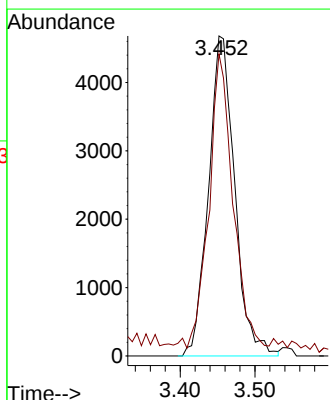
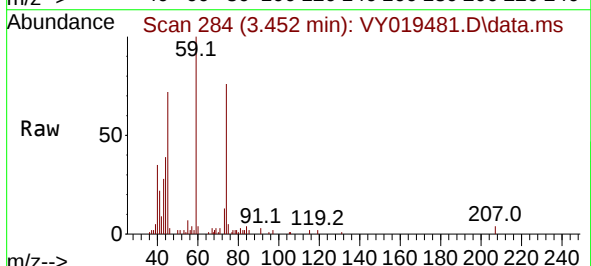
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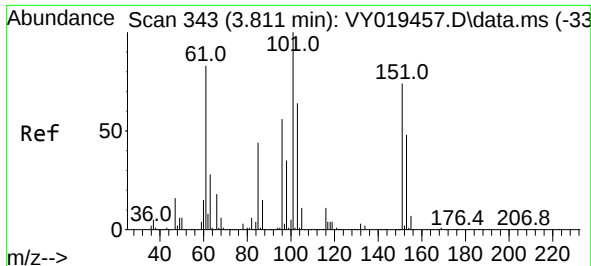
Reviewed By :Semsettin Yesilyurt 09/11/2024
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#8
Diethyl Ether
Concen: 4.354 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Tgt Ion: 74 Resp: 11433
Ion Ratio Lower Upper
74 100
45 82.1 41.3 124.1





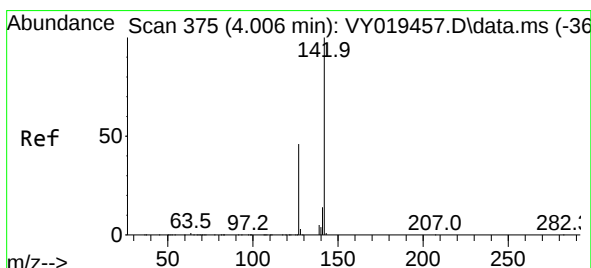
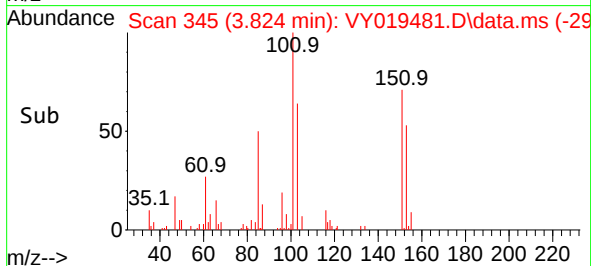
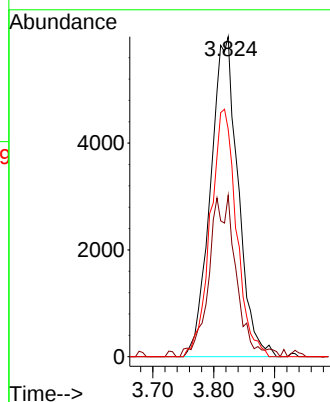
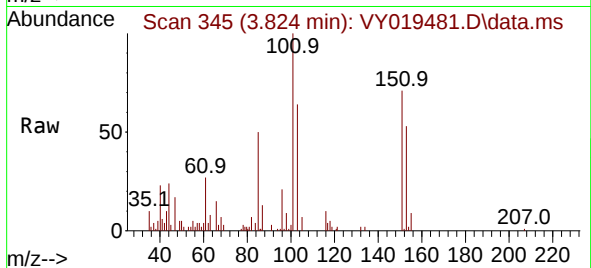
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.887 ug/l
RT: 3.824 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:101 Resp: 1881
Ion Ratio Lower Upper
101 100
85 48.7 34.5 51.7
151 73.2 61.7 92.5

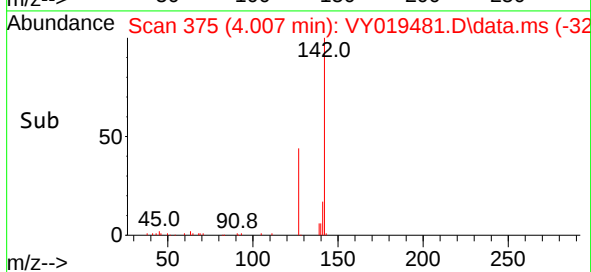
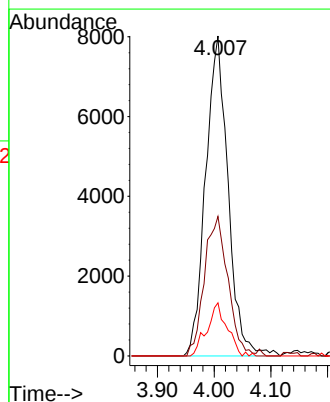
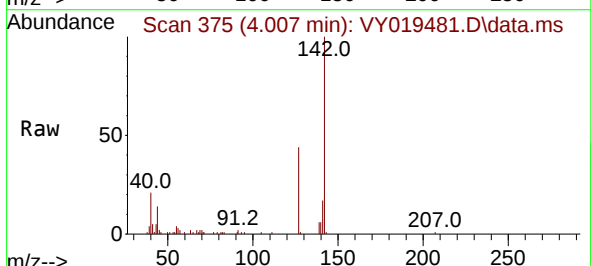
Manual Integrations
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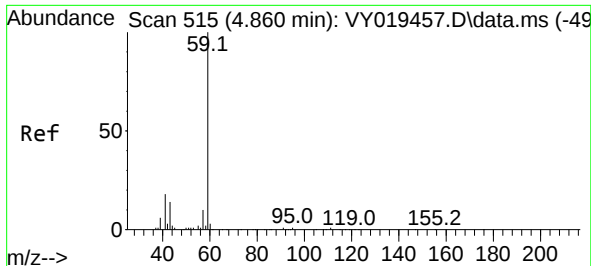
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#10
Methyl Iodide
Concen: 3.548 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

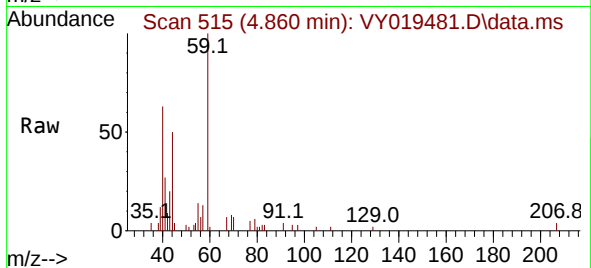
Tgt Ion:142 Resp: 22017
Ion Ratio Lower Upper
142 100
127 45.6 32.8 49.2
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 24.890 ug/l m
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

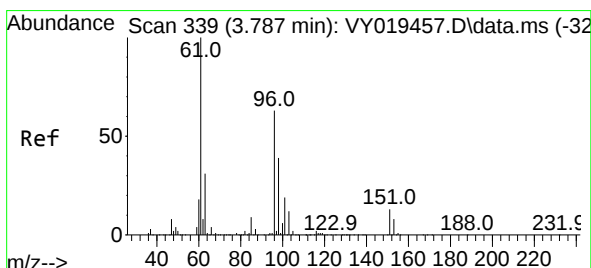
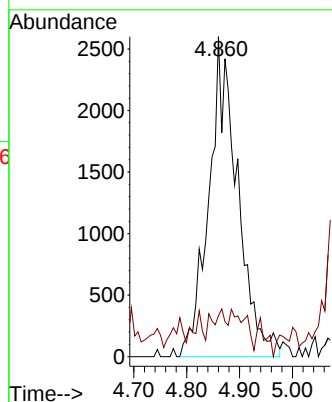
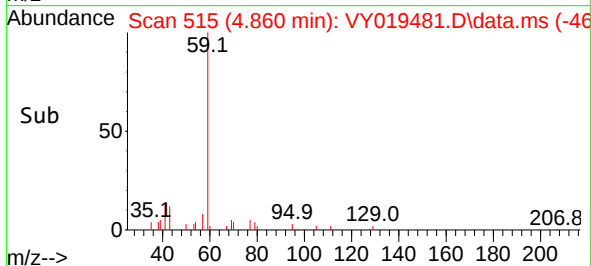
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



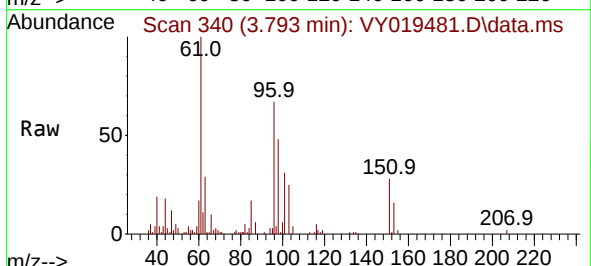
Tgt Ion: 59 Resp: 9764
Ion Ratio Lower Upper
59 100
57 4.6 3.0 4.6

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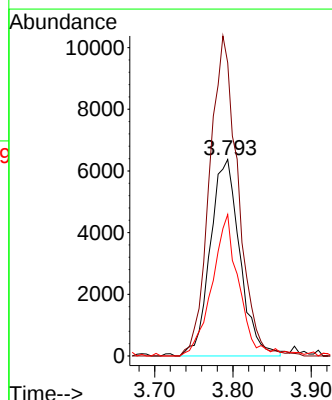
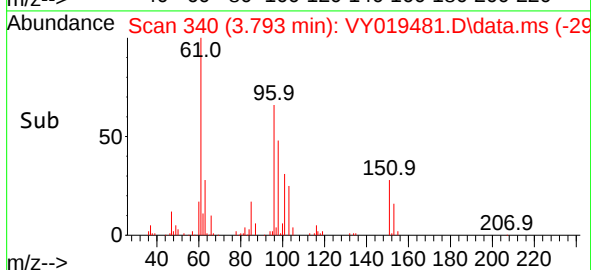
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

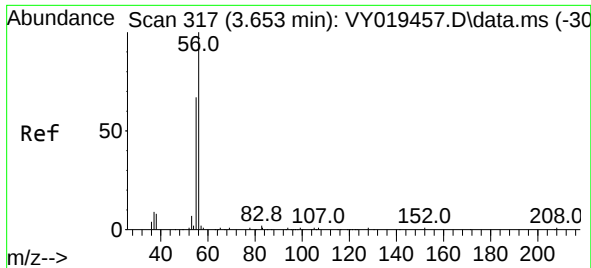


#12
1,1-Dichloroethene
Concen: 3.600 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33



Tgt Ion: 96 Resp: 16757
Ion Ratio Lower Upper
96 100
61 149.2 114.6 171.8
98 72.0 50.8 76.2





#13

Acrolein

Concen: 56.694 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 56 Resp: 11920

Ion Ratio Lower Upper

56 100

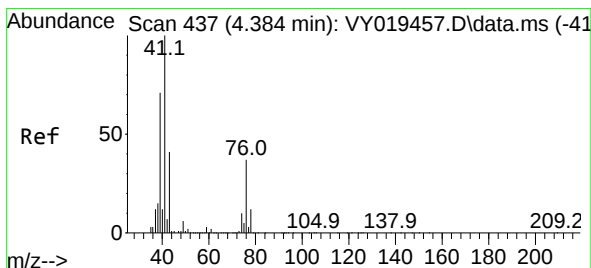
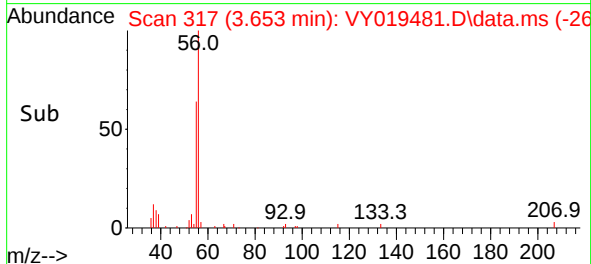
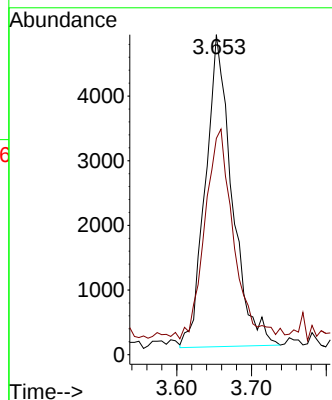
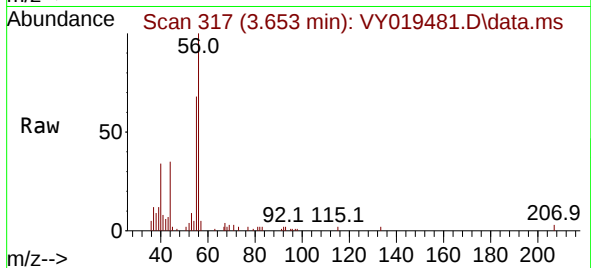
55 70.1 55.7 83.5

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Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#14

Allyl chloride

Concen: 3.648 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

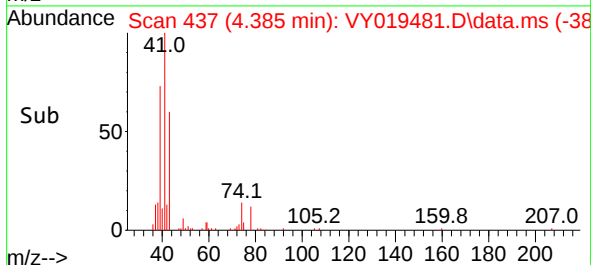
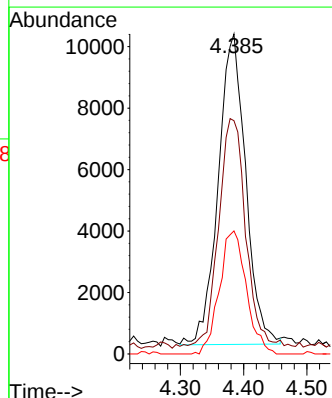
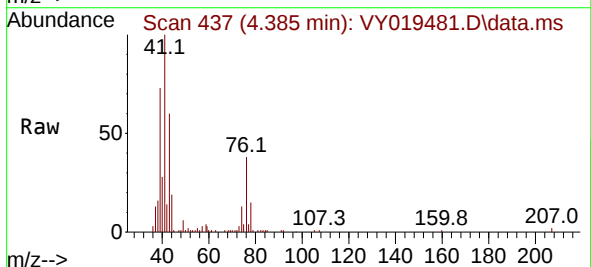
Tgt Ion: 41 Resp: 30445

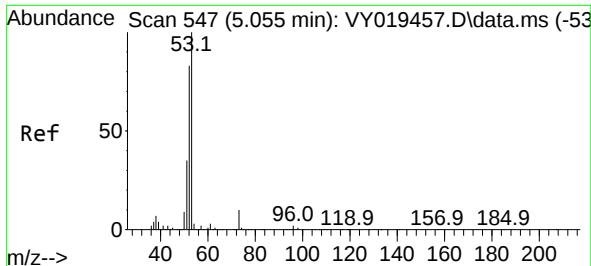
Ion Ratio Lower Upper

41 100

39 74.7 58.3 87.5

76 38.8 39.0 58.6





#15

Acrylonitrile

Concen: 23.404 ug/l

RT: 5.067 min Scan# 54

Delta R.T. 0.012 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

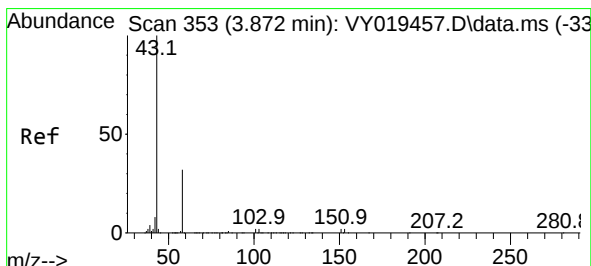
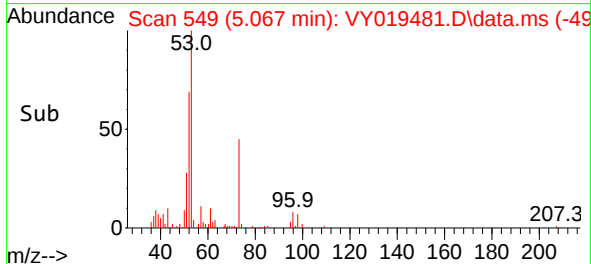
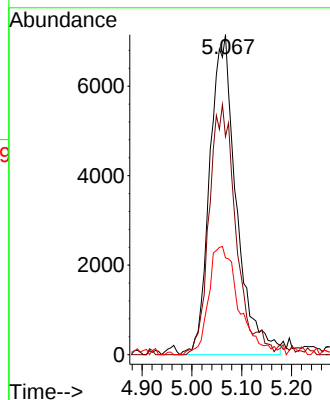
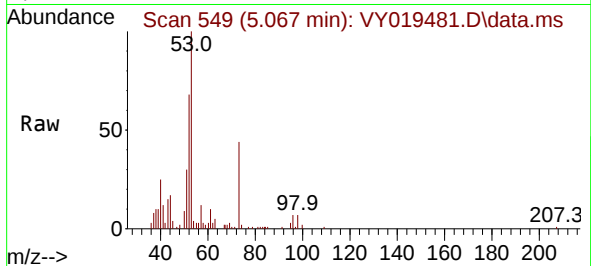
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 53	Resp: 2650
Ion Ratio	Lower Upper
53	100
52	75.2 64.7 97.1
51	38.9 28.4 42.6

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Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#16

Acetone

Concen: 21.129 ug/l

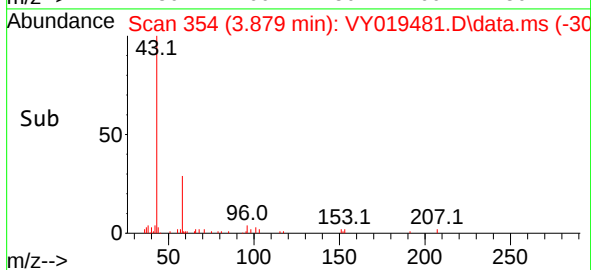
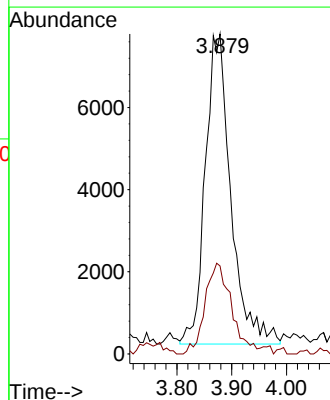
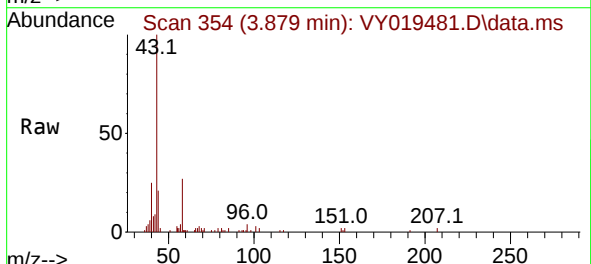
RT: 3.879 min Scan# 354

Delta R.T. 0.006 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

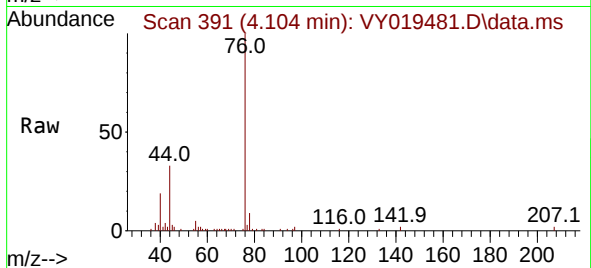
Tgt Ion: 43	Resp: 24452
Ion Ratio	Lower Upper
43	100
58	28.6 31.7 47.5





#17
Carbon Disulfide
Concen: 1.861 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

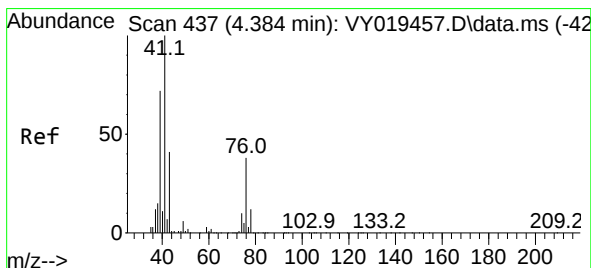
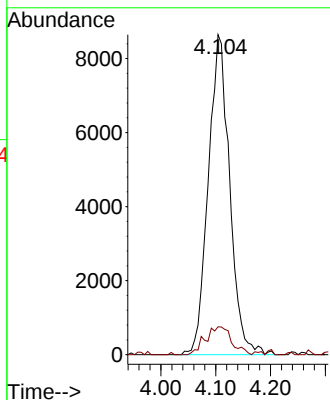
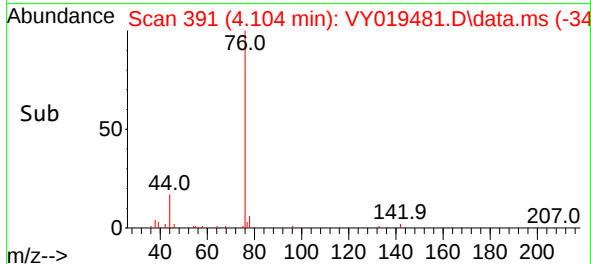
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 76 Resp: 2340
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2

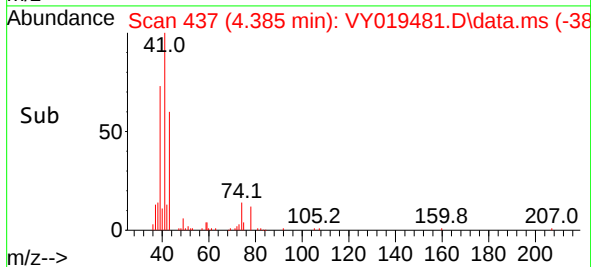
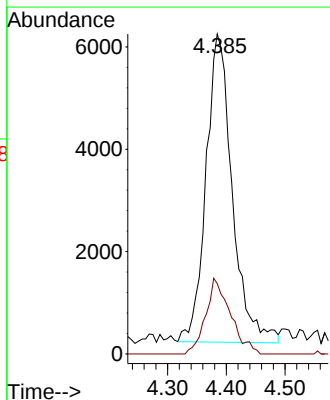
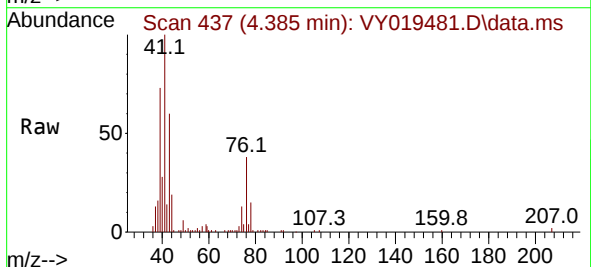
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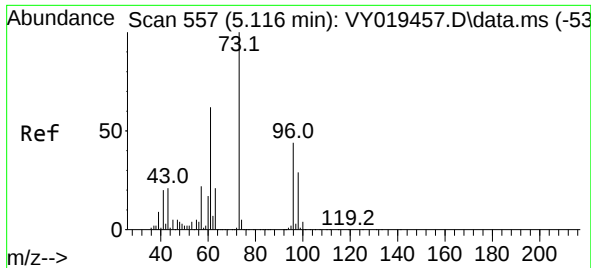
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#18
Methyl Acetate
Concen: 5.954 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Tgt Ion: 43 Resp: 18699
Ion Ratio Lower Upper
43 100
74 23.1 23.3 34.9#





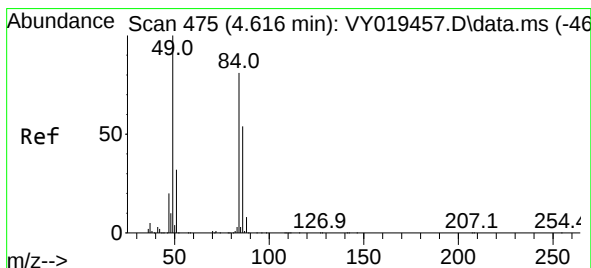
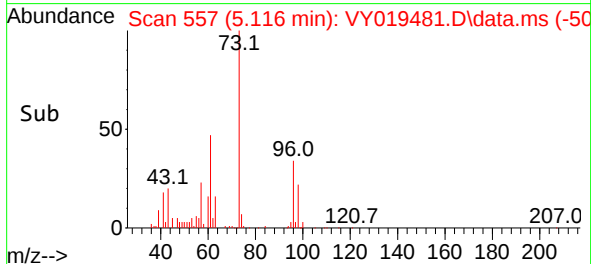
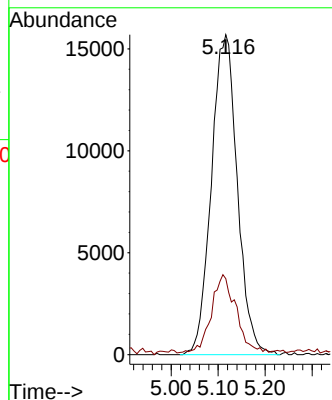
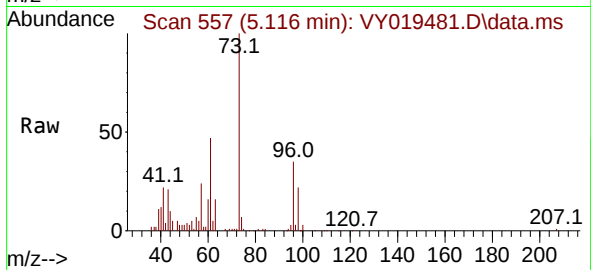
#19
Methyl tert-butyl Ether
Concen: 4.574 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 73 Resp: 6029
Ion Ratio Lower Upper
73 100
57 23.0 17.3 25.9

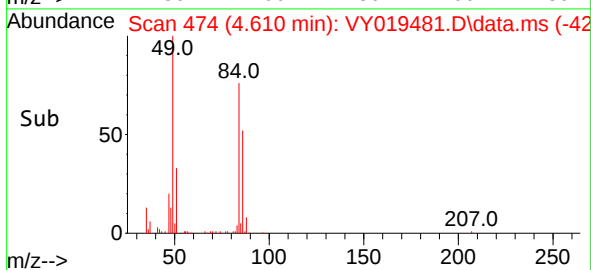
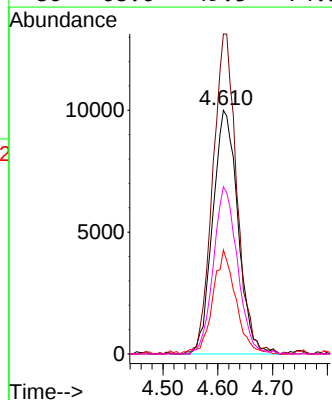
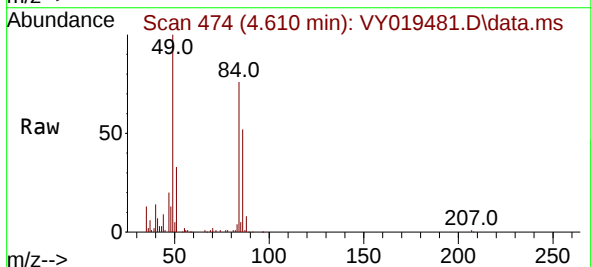
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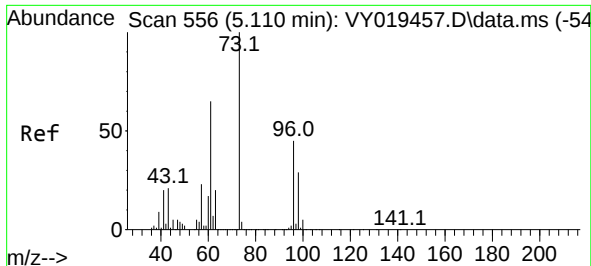
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#20
Methylene Chloride
Concen: 6.070 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

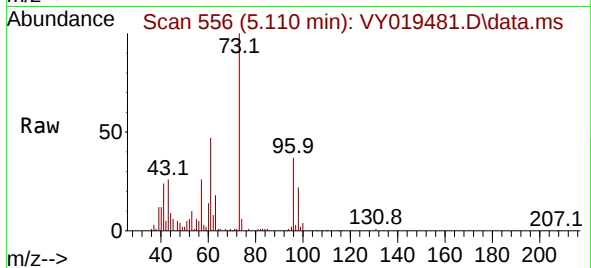
Tgt Ion: 84 Resp: 32037
Ion Ratio Lower Upper
84 100
49 131.4 84.4 126.6#
51 42.7 26.0 39.0#
86 68.6 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 3.596 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

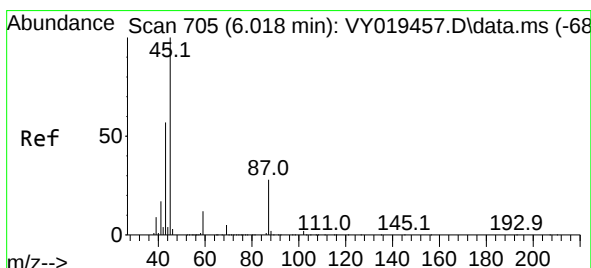
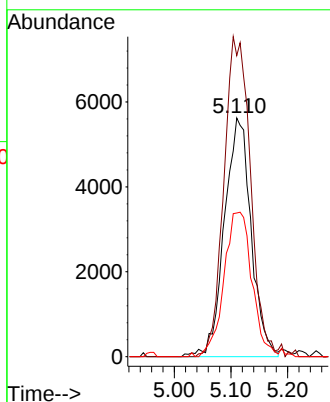
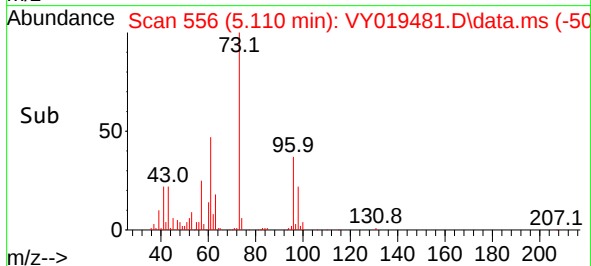
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 96 Resp: 1834
Ion Ratio Lower Upper
96 100
61 126.1 97.5 146.3
98 60.1 50.5 75.7

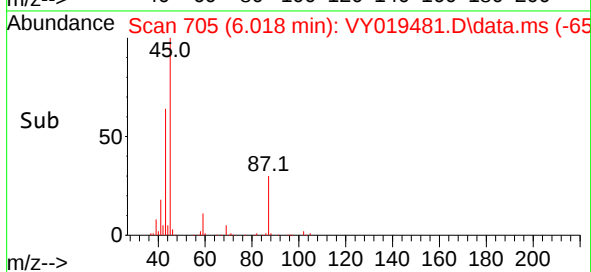
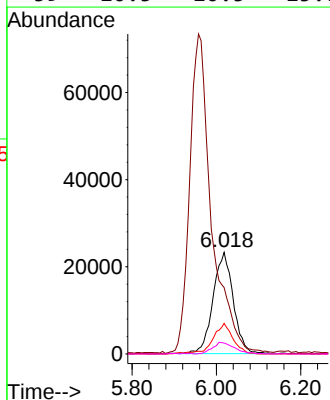
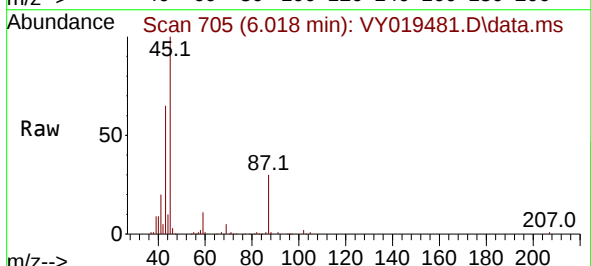
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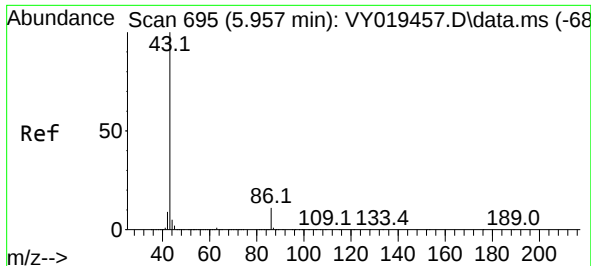
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#22
Diisopropyl ether
Concen: 4.509 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

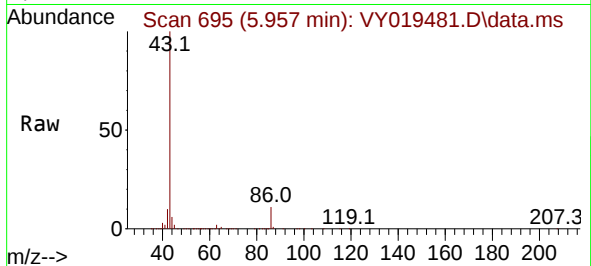
Tgt Ion: 45 Resp: 77287
Ion Ratio Lower Upper
45 100
43 62.8 42.2 63.2
87 30.2 25.0 37.6
59 10.5 10.5 15.7





#23
 Vinyl Acetate
 Concen: 26.974 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019481.D
 Acq: 10 Sep 2024 11:33

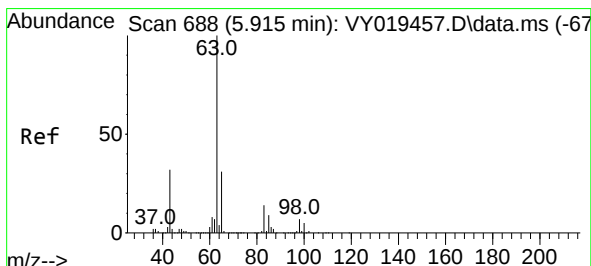
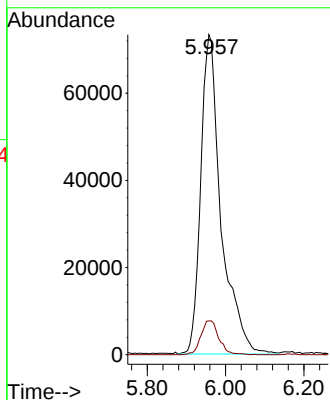
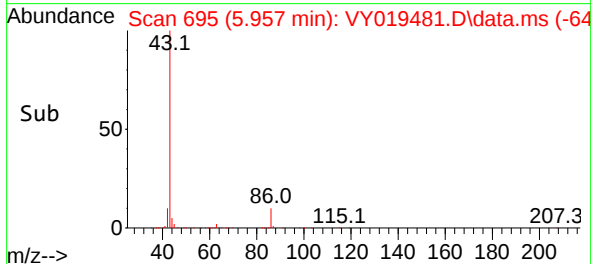
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 264080
 Ion Ratio Lower Upper
 43 100
 86 10.6 10.6 16.0

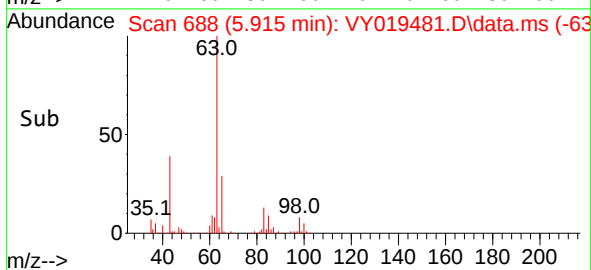
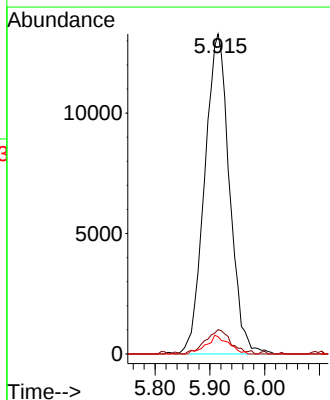
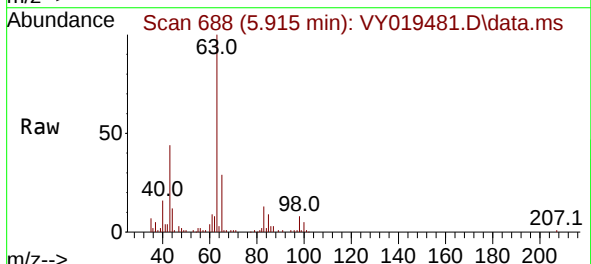
Manual Integrations
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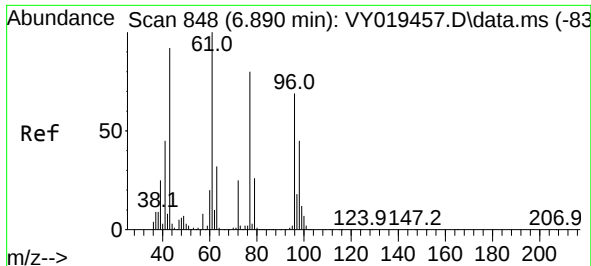
Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024



#24
 1,1-Dichloroethane
 Concen: 4.340 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019481.D
 Acq: 10 Sep 2024 11:33

Tgt Ion: 63 Resp: 41741
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 5.4 2.6 8.0





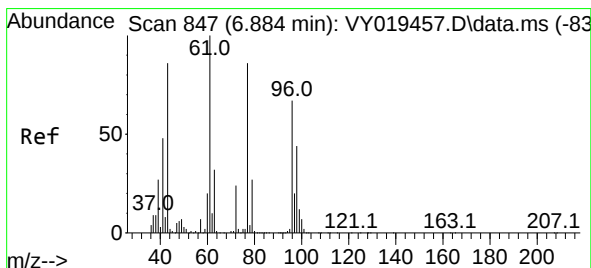
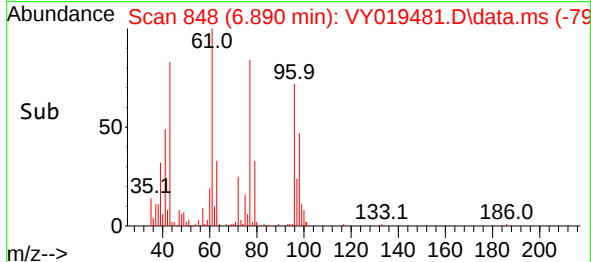
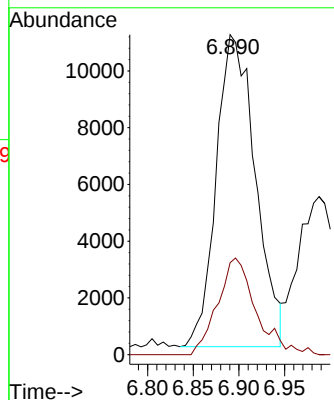
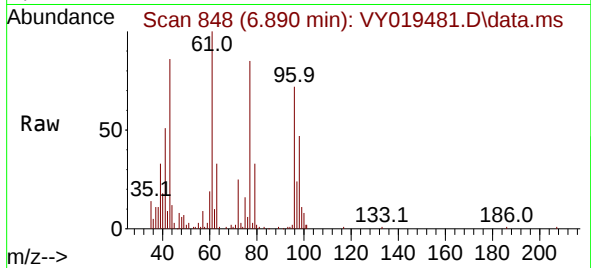
#25
2-Butanone
Concen: 19.889 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 43 Resp: 32730
Ion Ratio Lower Upper
43 100
72 29.5 27.3 40.9

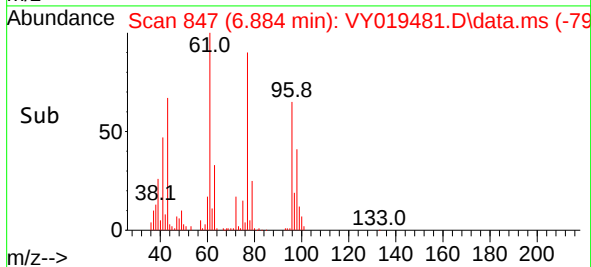
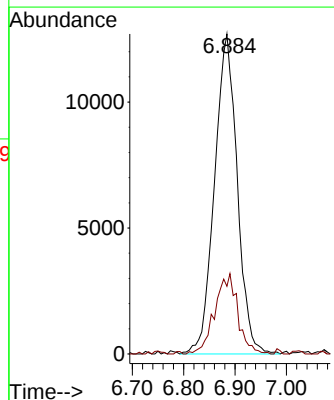
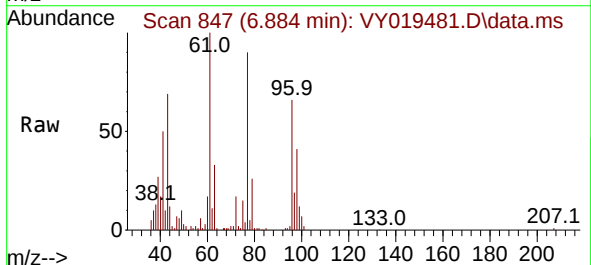
Manual Integrations
APPROVED

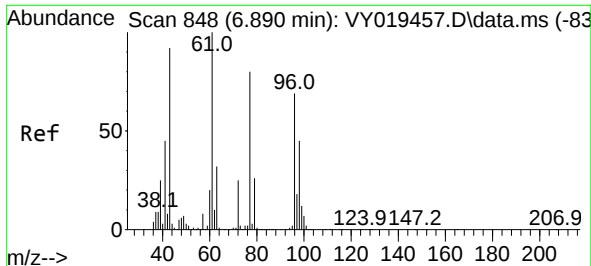
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#26
2,2-Dichloropropane
Concen: 4.495 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

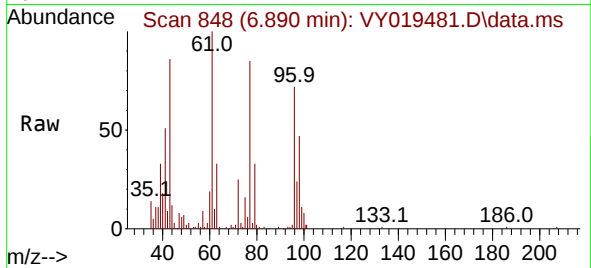
Tgt Ion: 77 Resp: 39000
Ion Ratio Lower Upper
77 100
97 25.3 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 4.323 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019481.D
 Acq: 10 Sep 2024 11:33

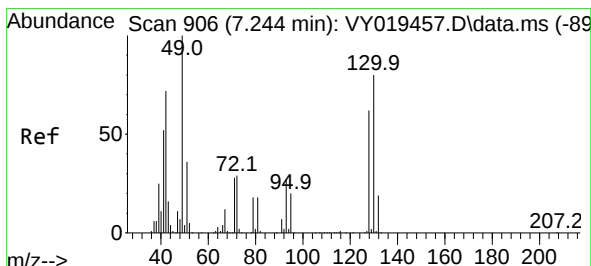
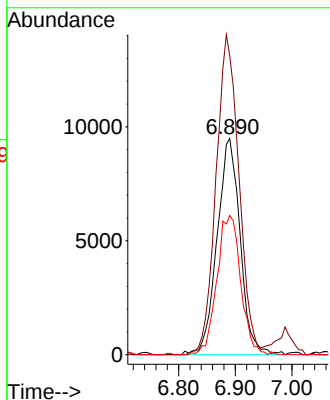
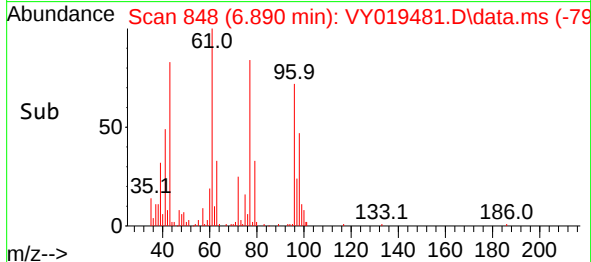
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



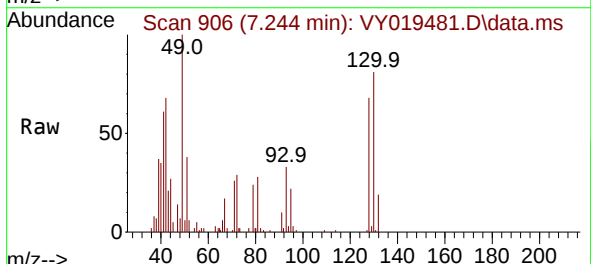
Tgt Ion: 96 Resp: 26788
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 256.2
 98 66.3 0.0 130.0

Manual Integrations
 APPROVED

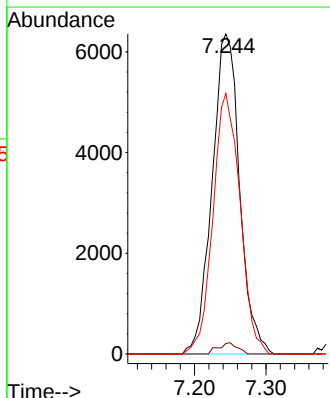
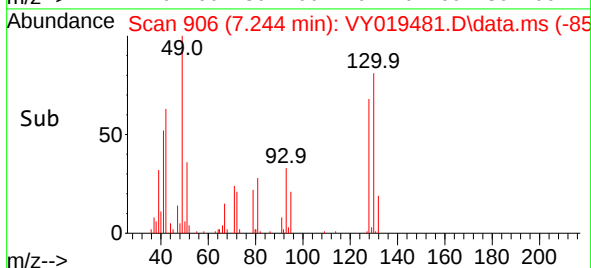
Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024



#28
 Bromochloromethane
 Concen: 4.195 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019481.D
 Acq: 10 Sep 2024 11:33



Tgt Ion: 49 Resp: 16974
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 80.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 21.664 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019481.D

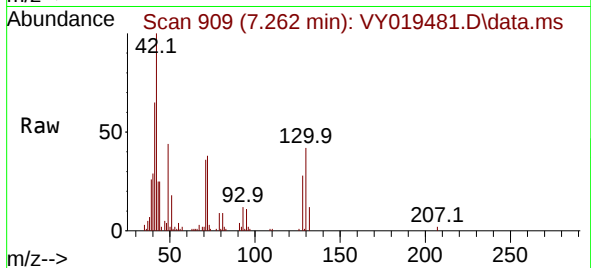
Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

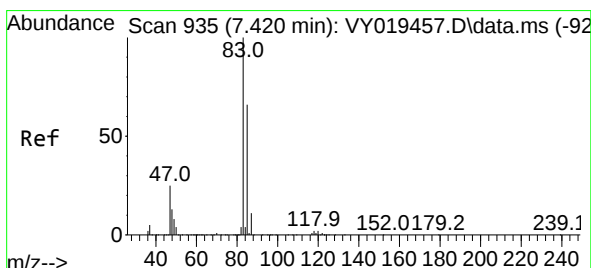
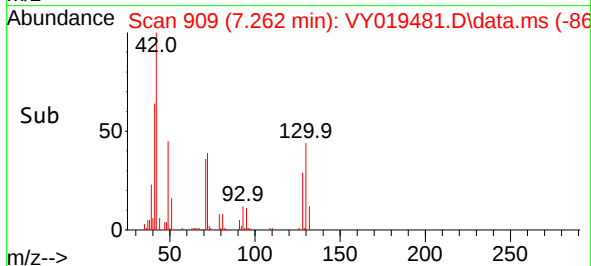
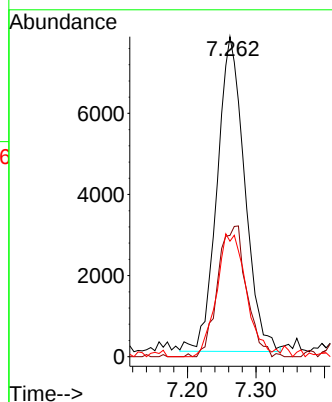


Tgt Ion:	42	Resp:	21680
Ion Ratio	Lower	Upper	
42	100		
72	43.5	43.0	64.4
71	41.9	40.8	61.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#30

Chloroform

Concen: 4.631 ug/l

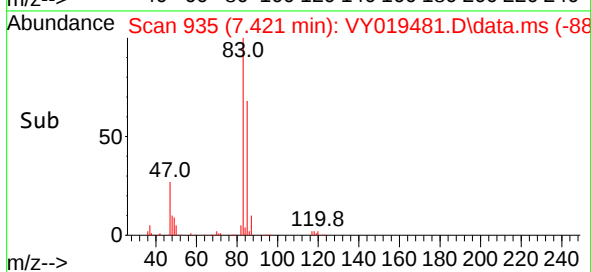
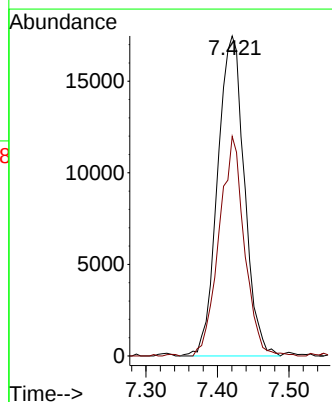
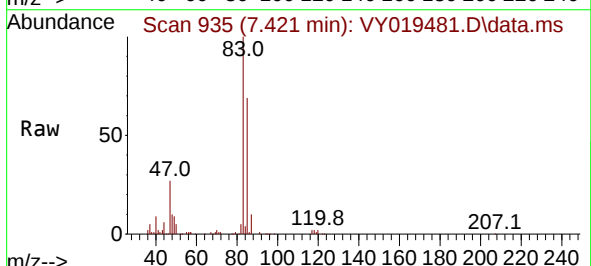
RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

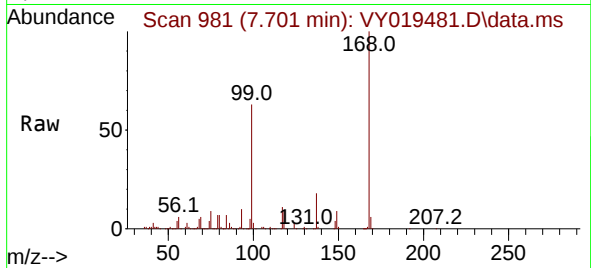
Tgt Ion:	83	Resp:	45469
Ion Ratio	Lower	Upper	
83	100		
85	68.6	52.2	78.4





#31
Cyclohexane
Concen: 3.879 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

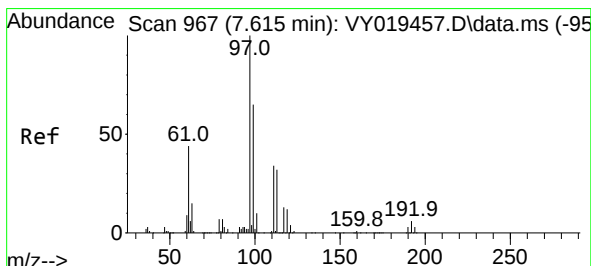
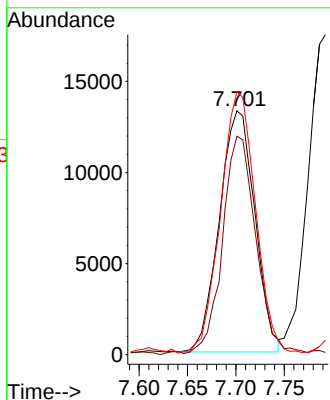
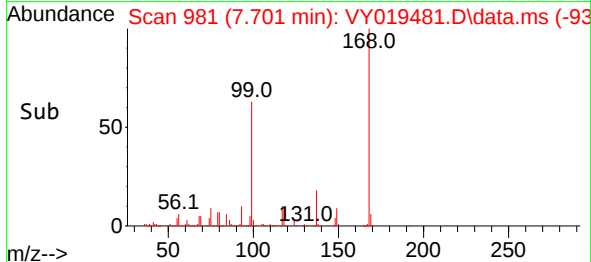
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 56 Resp: 33724
Ion Ratio Lower Upper
56 100
69 89.2 28.7 43.1
84 108.3 77.7 116.5

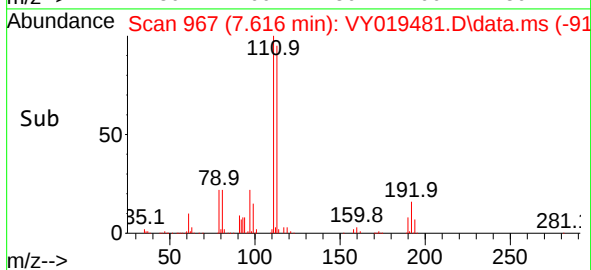
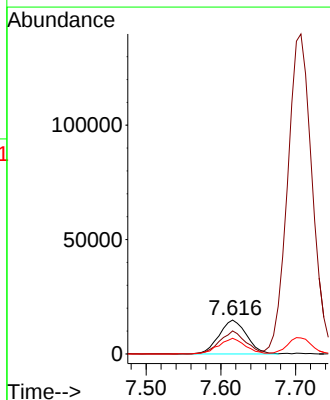
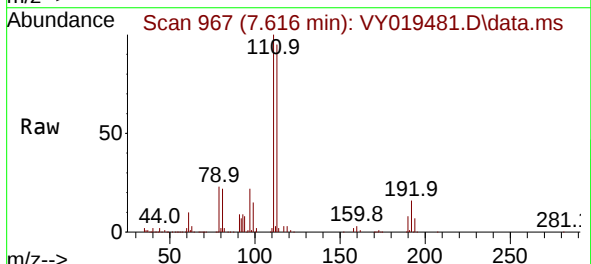
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#32
1,1,1-Trichloroethane
Concen: 4.323 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Tgt Ion: 97 Resp: 38048
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 44.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 58.804 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 65 Resp: 28564

Ion Ratio Lower Upper

65 100

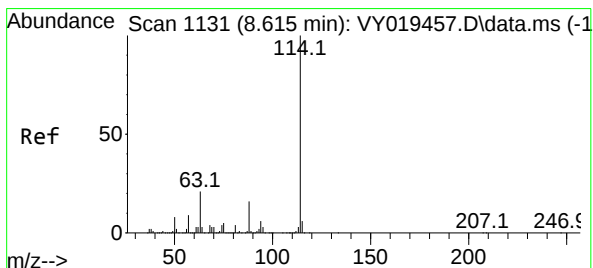
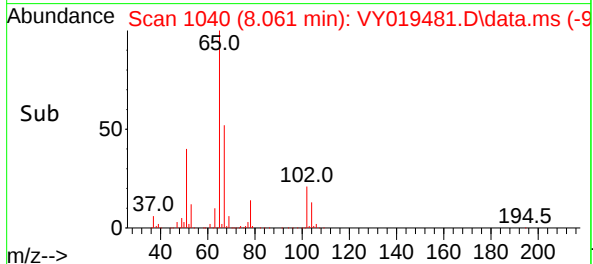
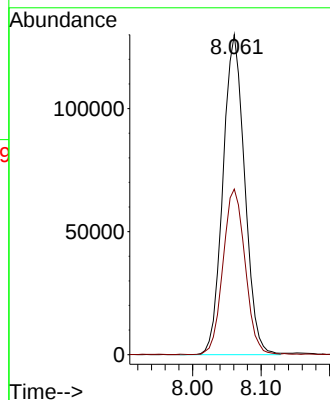
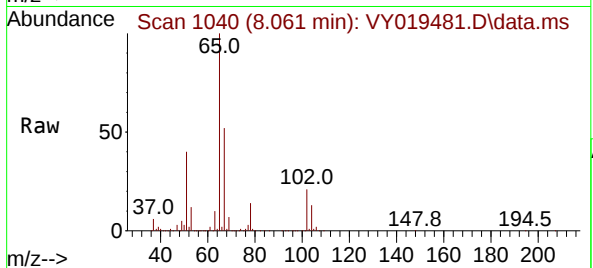
67 52.6 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

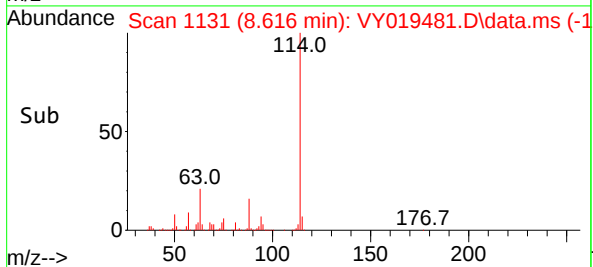
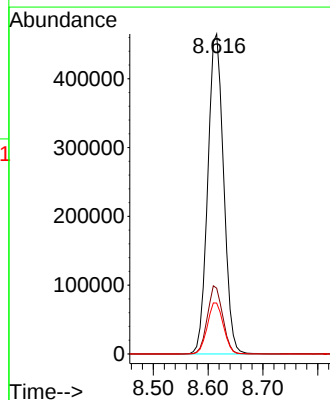
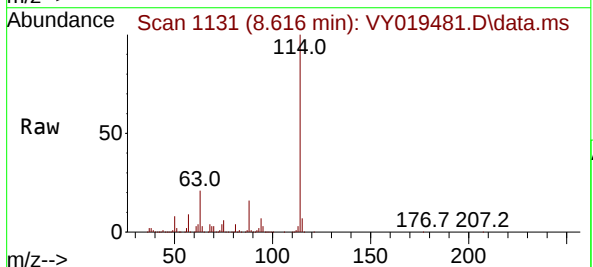
Tgt Ion:114 Resp: 928764

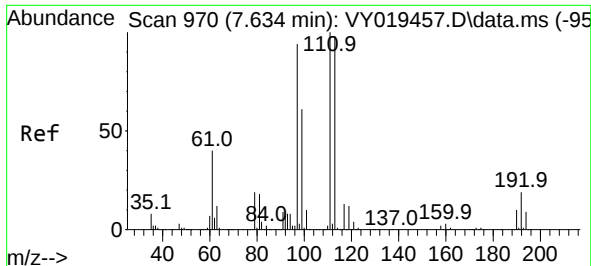
Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

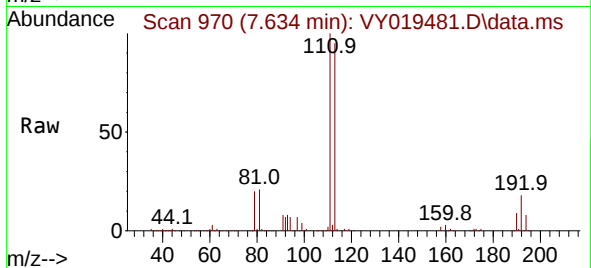
88 15.9 0.0 27.2





#35
Dibromofluoromethane
Concen: 53.922 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

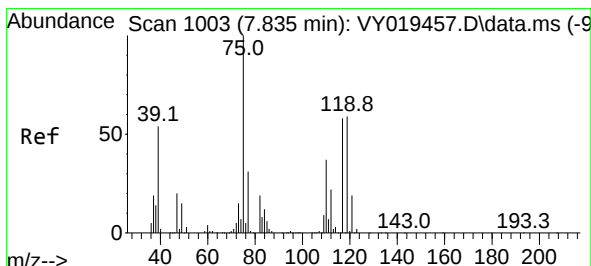
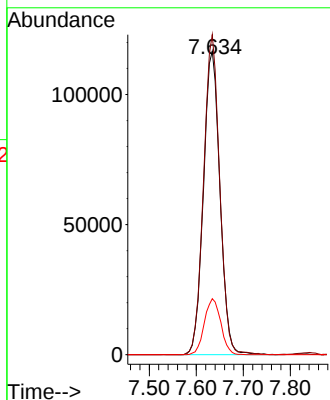
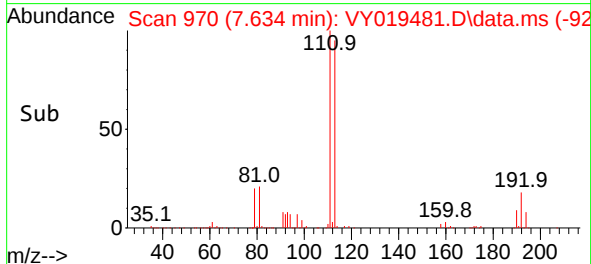
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



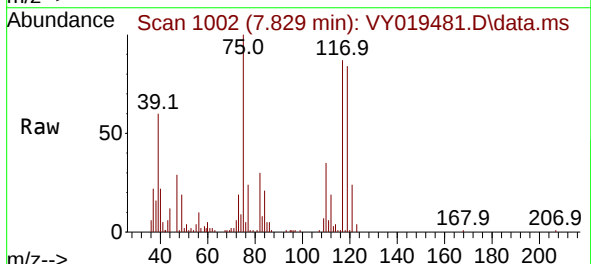
Tgt Ion: 113 Resp: 283949
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.4 15.9 23.9

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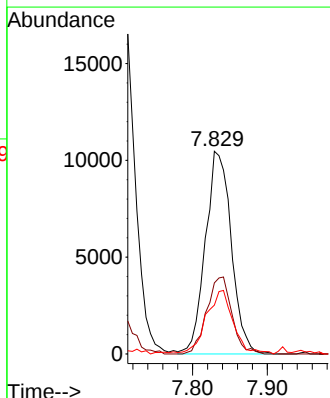
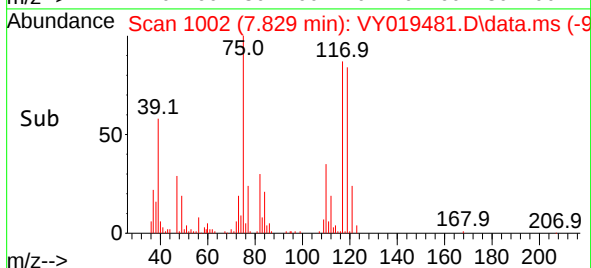
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

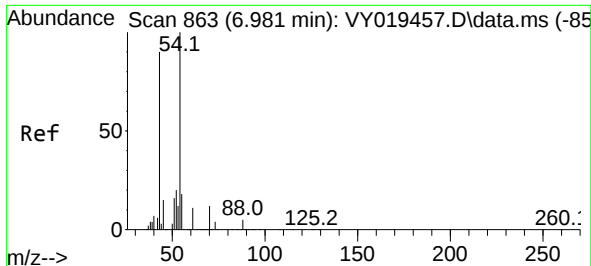


#36
1,1-Dichloropropene
Concen: 3.520 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33



Tgt Ion: 75 Resp: 25225
Ion Ratio Lower Upper
75 100
110 36.7 19.0 57.0
77 33.1 25.3 37.9





#37

Ethyl Acetate

Concen: 4.230 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

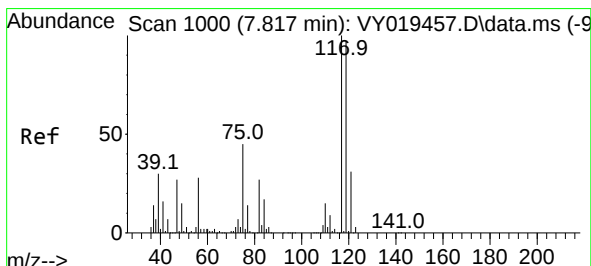
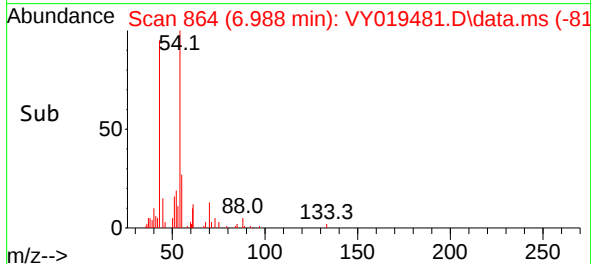
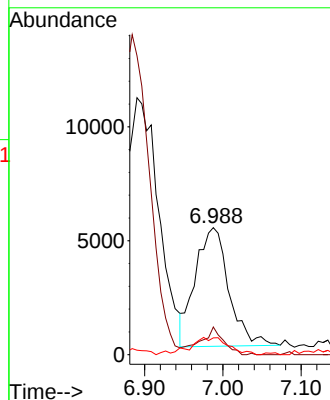
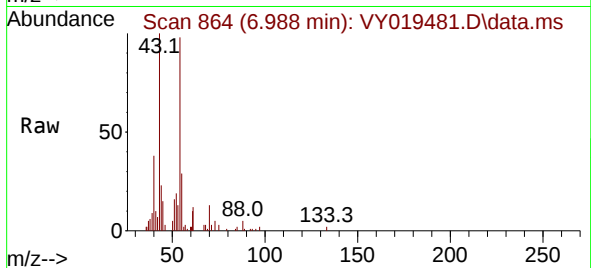
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 43	Resp: 1553
Ion Ratio	Lower Upper
43 100	
61 15.1	12.6 19.0
70 8.7	7.8 11.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#38

Carbon Tetrachloride

Concen: 3.772 ug/l

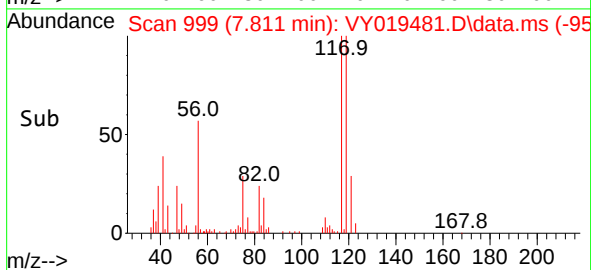
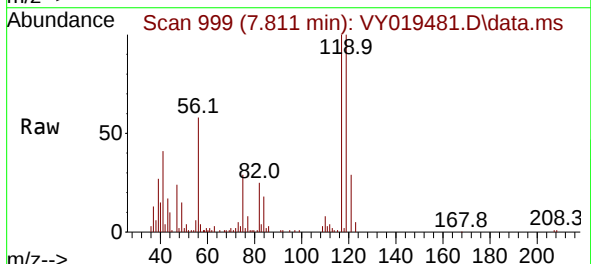
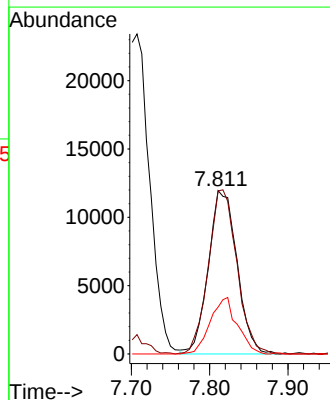
RT: 7.811 min Scan# 999

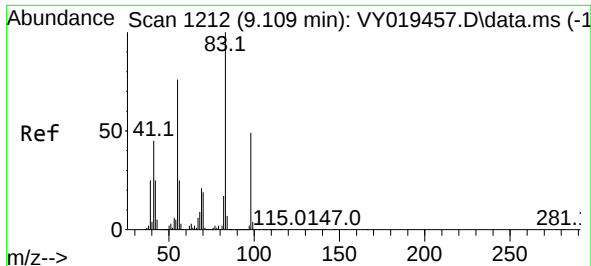
Delta R.T. -0.006 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Tgt Ion:117	Resp: 30481
Ion Ratio	Lower Upper
117 100	
119 99.9	75.8 113.6
121 28.7	24.0 36.0





#39

Methylcyclohexane

Concen: 2.901 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019481.D

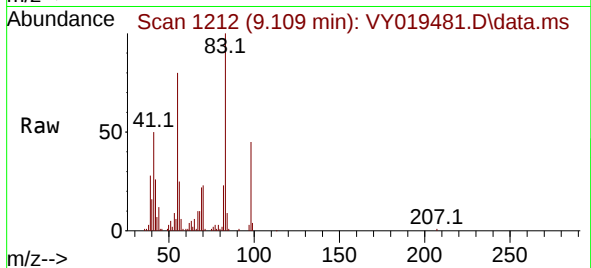
Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

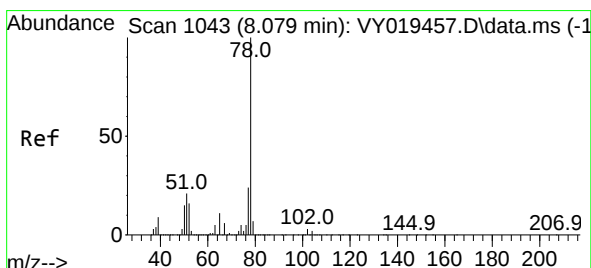
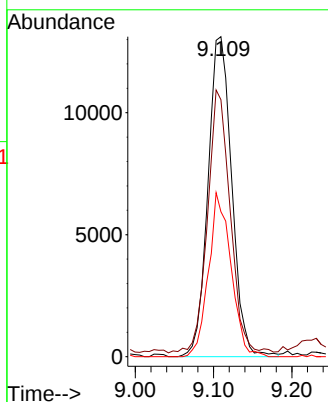
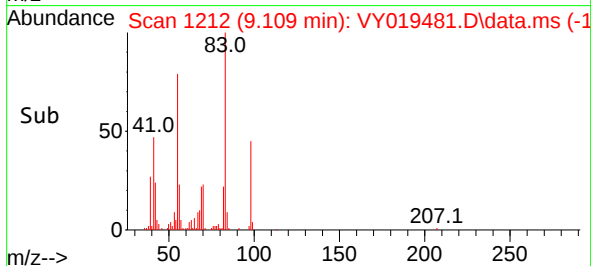


Tgt Ion: 83	Resp: 27660
Ion Ratio	Lower Upper
83 100	
55 78.8	51.5 77.3
98 45.3	40.5 60.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#40

Benzene

Concen: 3.838 ug/l

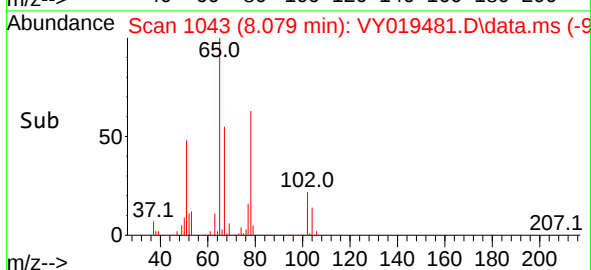
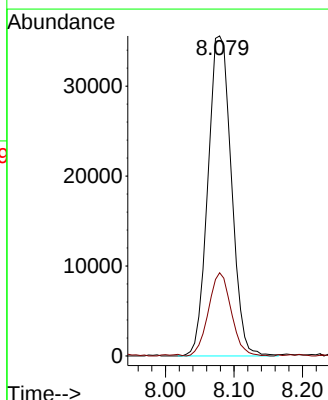
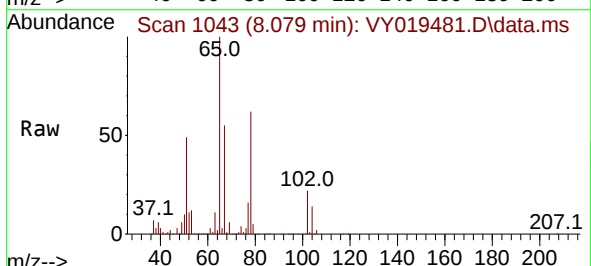
RT: 8.079 min Scan# 1043

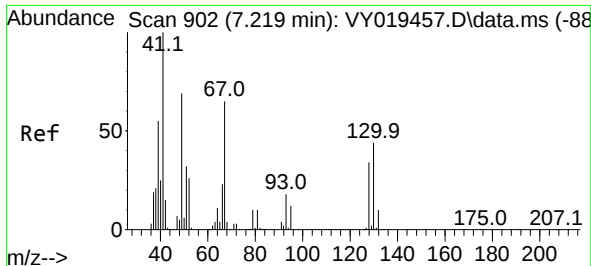
Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

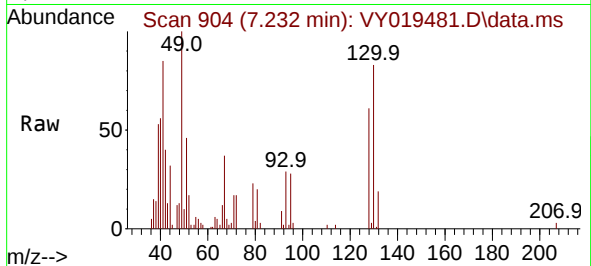
Tgt Ion: 78	Resp: 84698
Ion Ratio	Lower Upper
78 100	
77 25.6	19.5 29.3





#41
Methacrylonitrile
Concen: 4.639 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

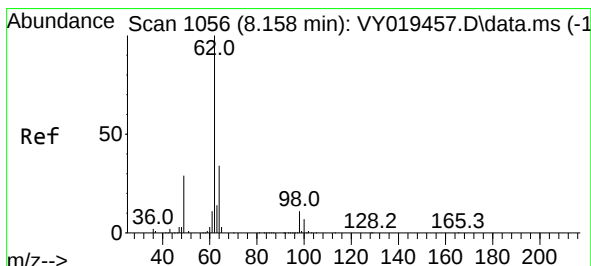
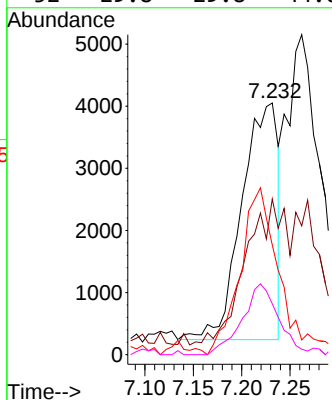
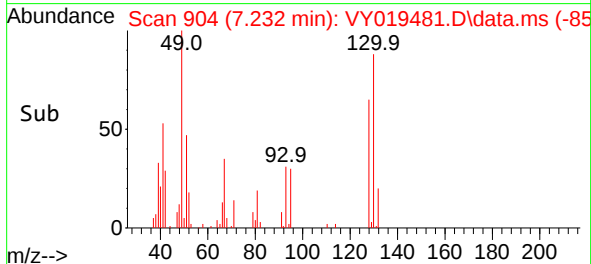
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:	41	Resp:	992
Ion Ratio	100	Lower	Upper
39	67.0	48.0	72.0
67	76.8	75.1	112.7
52	29.8	29.8	44.6

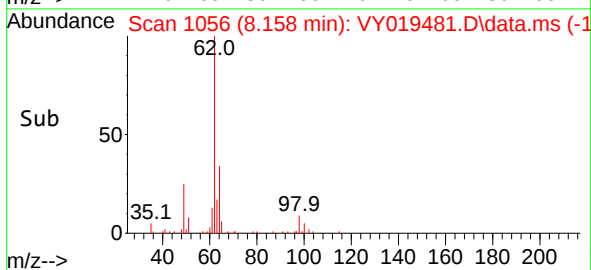
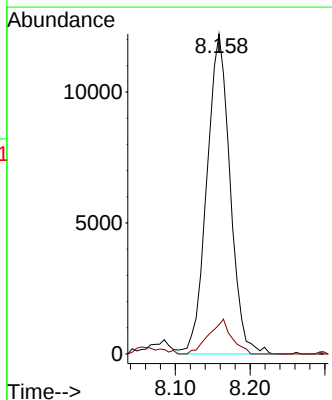
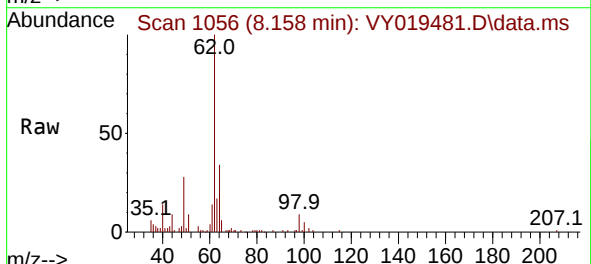
Manual Integrations
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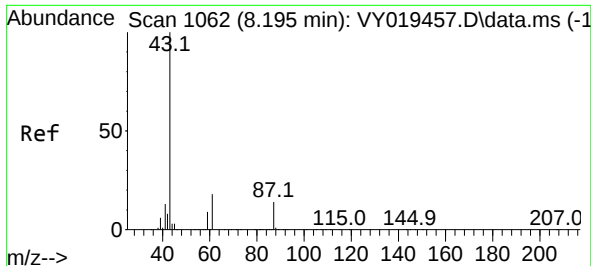
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#42
1,2-Dichloroethane
Concen: 4.448 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

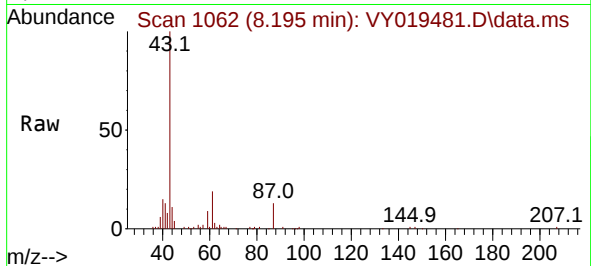
Tgt Ion:	62	Resp:	26417
Ion Ratio	100	Lower	Upper
98	10.6	0.0	22.0





#43
Isopropyl Acetate
Concen: 4.232 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

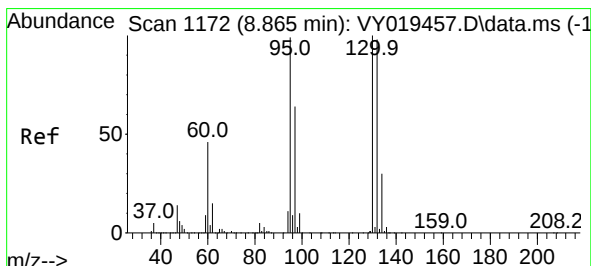
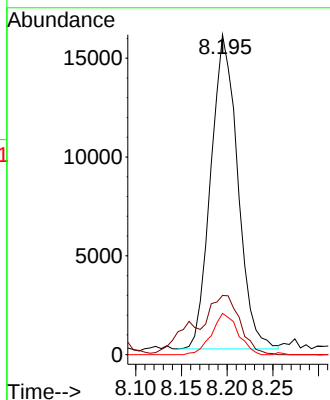
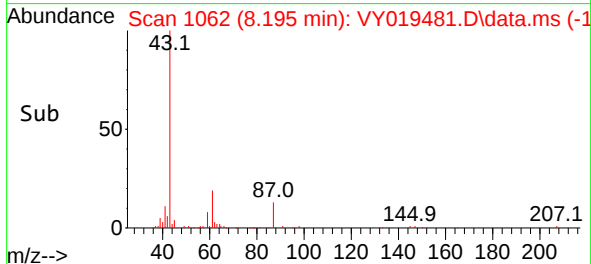
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 3264
Ion Ratio Lower Upper
43 100
61 21.5 27.9 41.9
87 12.8 13.1 19.7

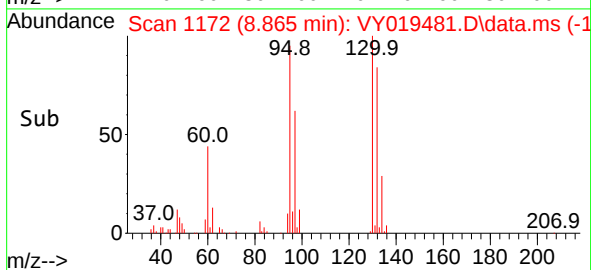
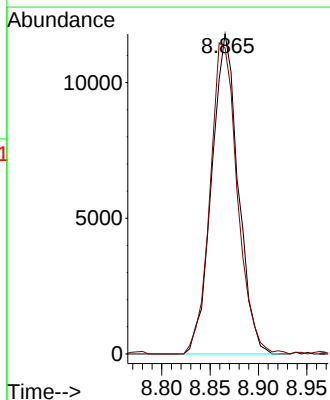
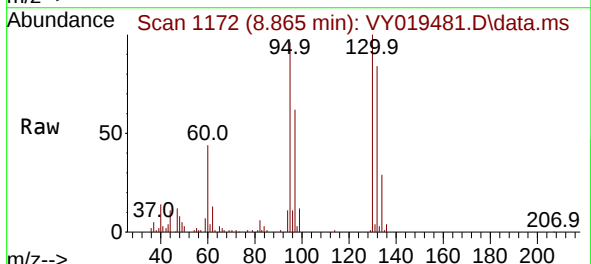
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#44
Trichloroethene
Concen: 3.969 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Tgt Ion:130 Resp: 22525
Ion Ratio Lower Upper
130 100
95 95.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 4.373 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 63 Resp: 23594

Ion Ratio Lower Upper

63 100

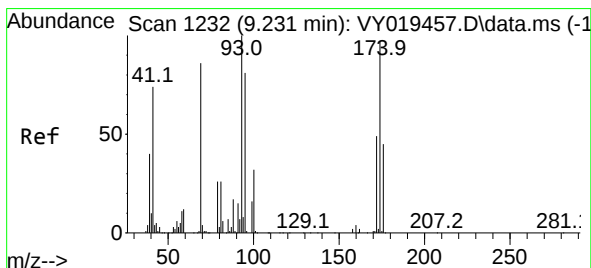
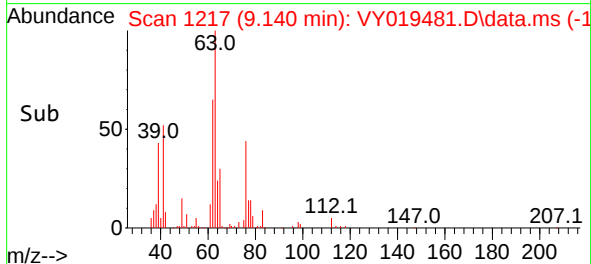
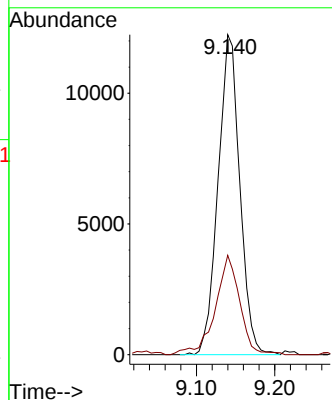
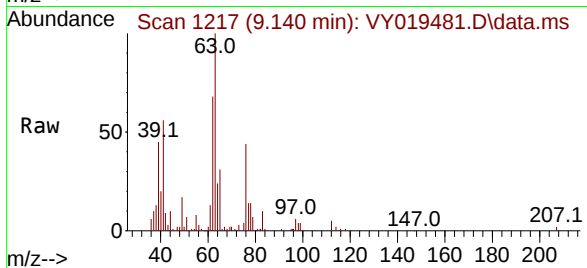
65 30.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#46

Dibromomethane

Concen: 4.487 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

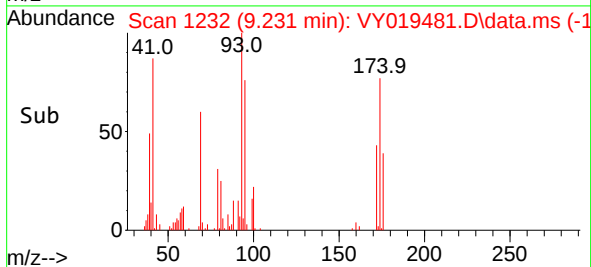
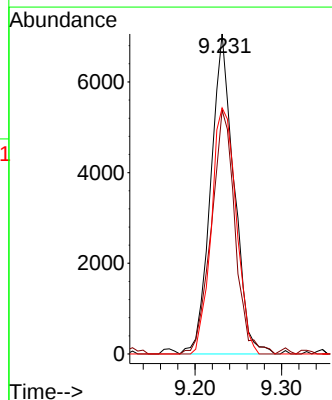
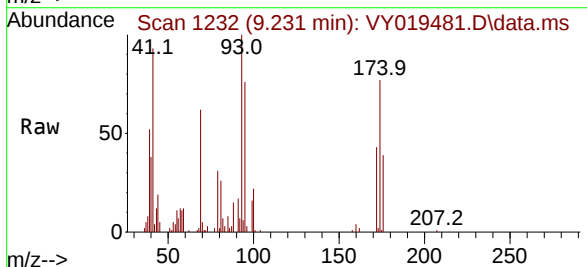
Tgt Ion: 93 Resp: 13240

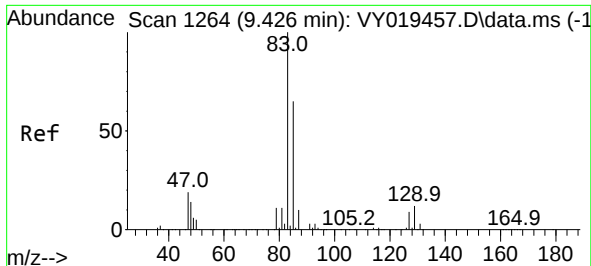
Ion Ratio Lower Upper

93 100

95 77.2 66.2 99.4

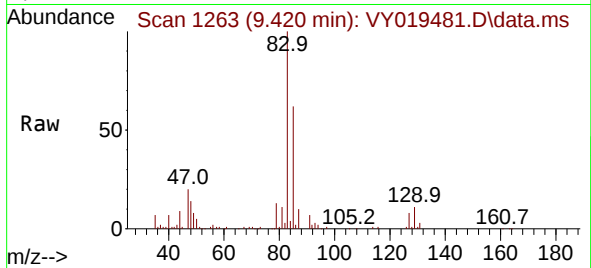
174 81.3 80.9 121.3





#47
Bromodichloromethane
Concen: 4.463 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

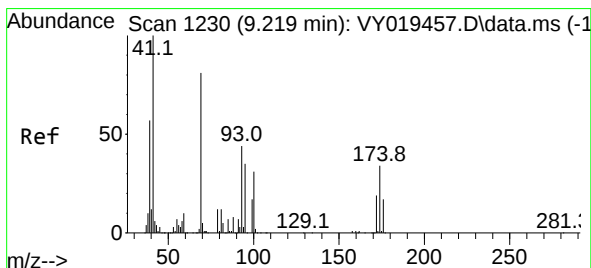
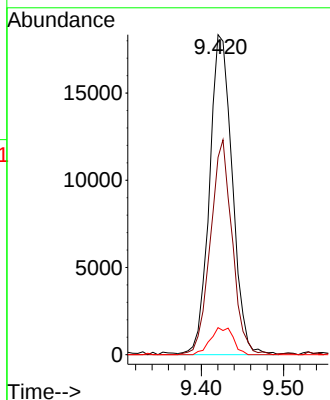
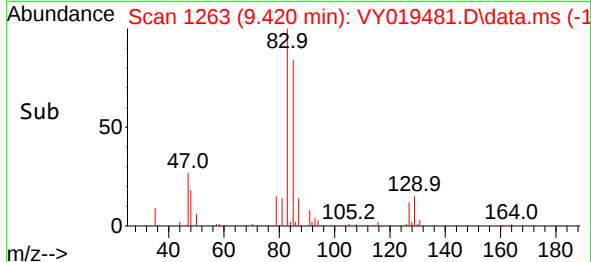
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 83 Resp: 3539
Ion Ratio Lower Upper
83 100
85 61.6 50.1 75.1
127 8.5 7.4 11.0

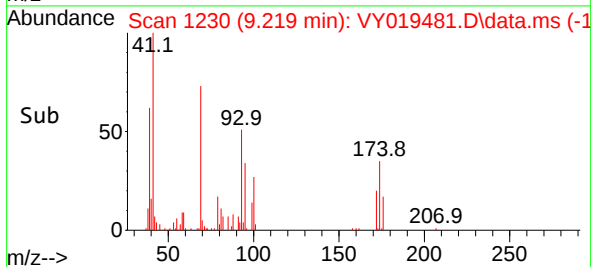
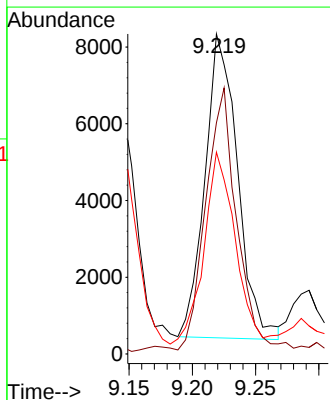
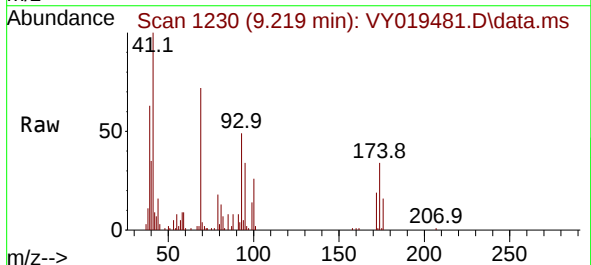
Manual Integrations
APPROVED

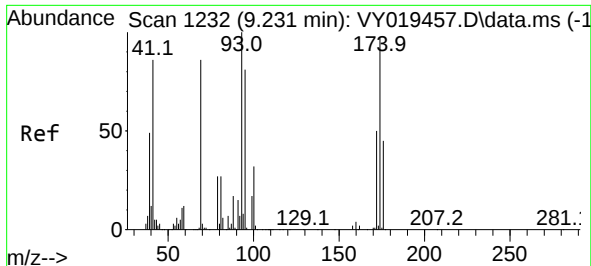
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#48
Methyl methacrylate
Concen: 3.899 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

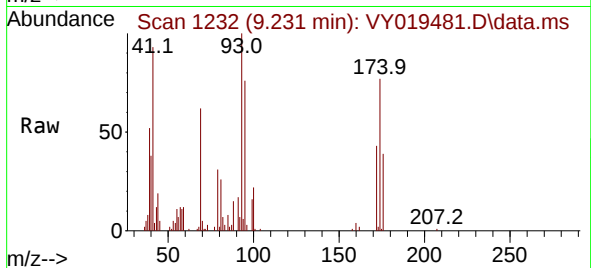
Tgt Ion: 41 Resp: 14203
Ion Ratio Lower Upper
41 100
69 81.6 84.1 126.1#
39 64.1 43.6 65.4





#49
1,4-Dioxane
Concen: 87.464 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

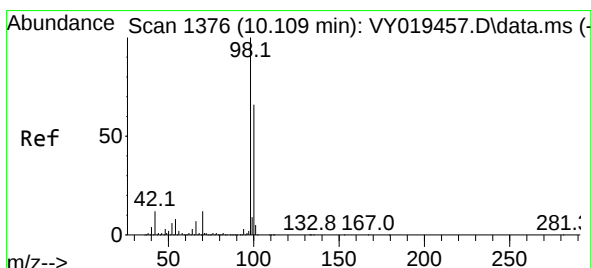
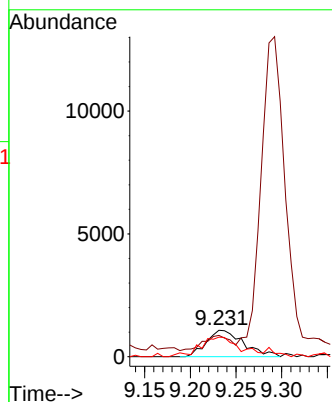
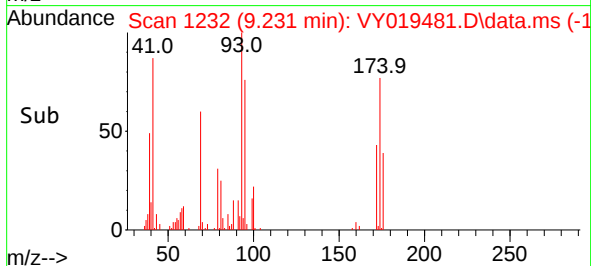
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 88 Resp: 3038
Ion Ratio Lower Upper
88 100
43 33.4 0.0 0.0
58 78.6 49.3 73.9

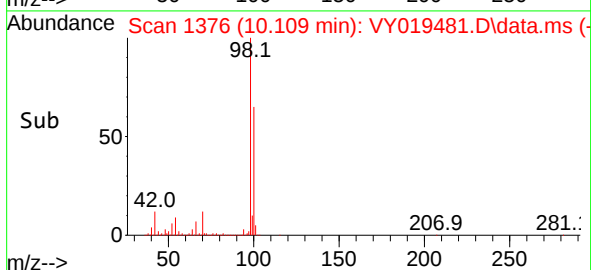
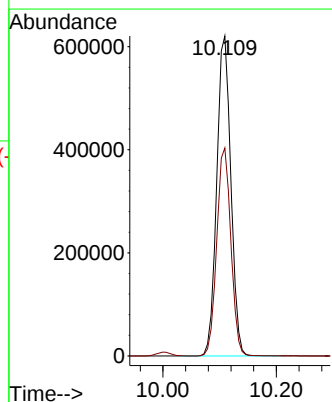
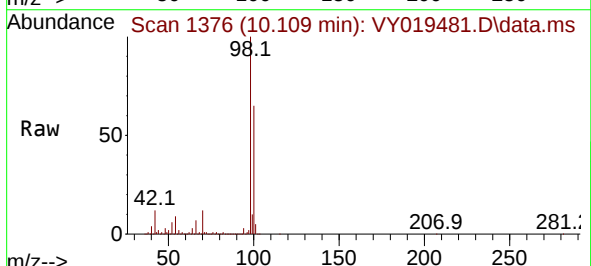
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#50
Toluene-d8
Concen: 54.931 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Tgt Ion: 98 Resp: 1069914
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





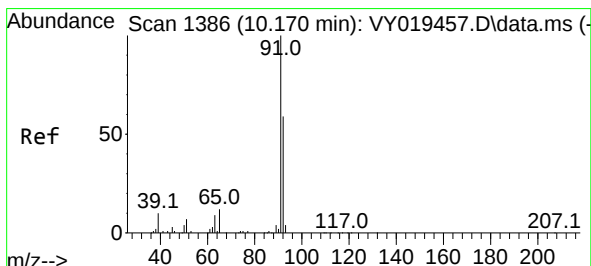
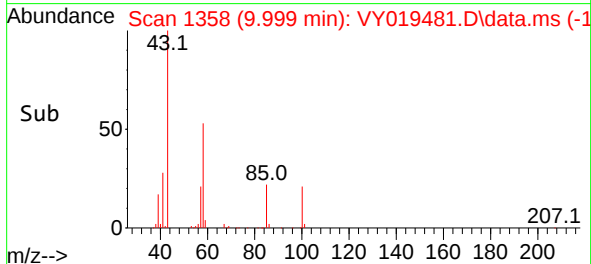
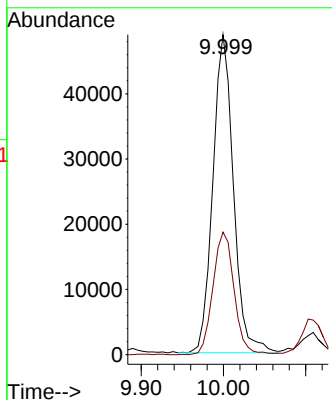
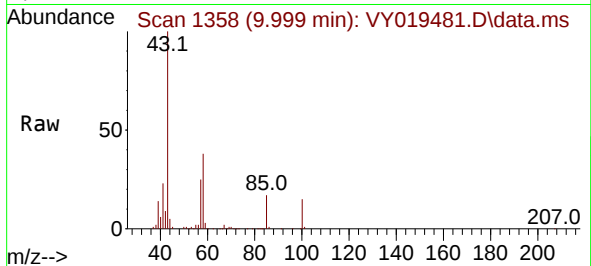
#51
4-Methyl-2-Pentanone
Concen: 21.867 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 43 Resp: 84850
Ion Ratio Lower Upper
43 100
58 39.6 35.7 53.5

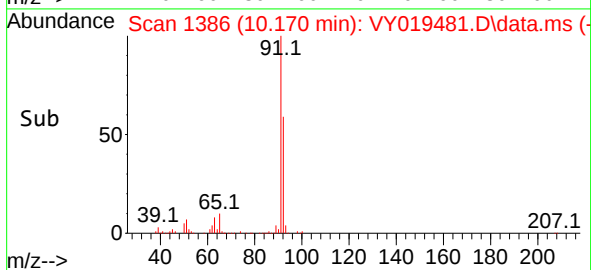
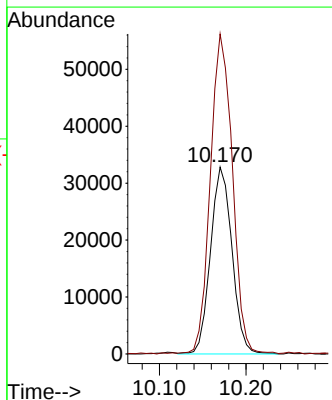
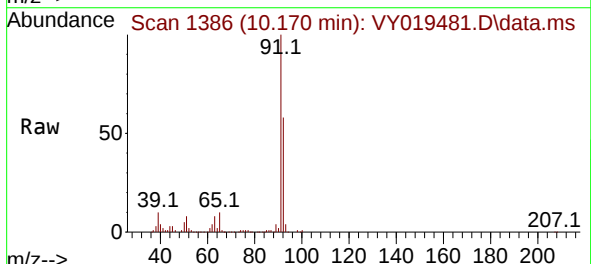
Manual Integrations
APPROVED

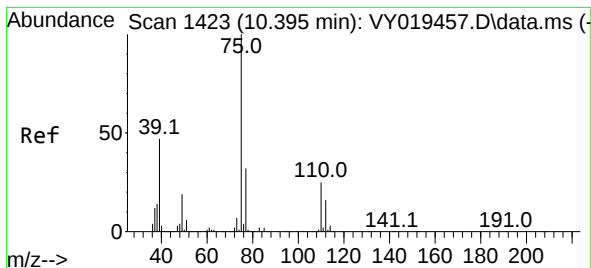
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#52
Toluene
Concen: 3.991 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

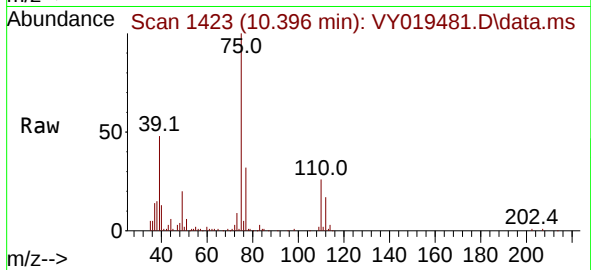
Tgt Ion: 92 Resp: 56649
Ion Ratio Lower Upper
92 100
91 176.1 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 4.163 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

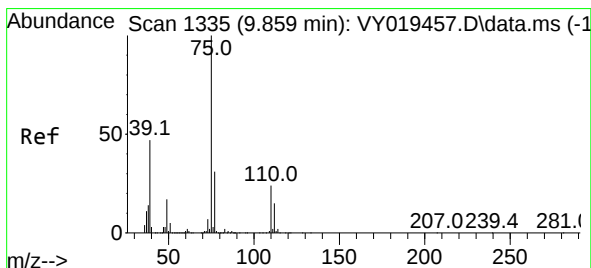
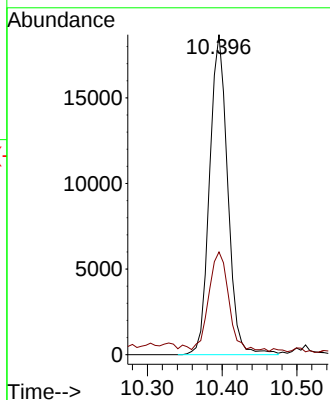
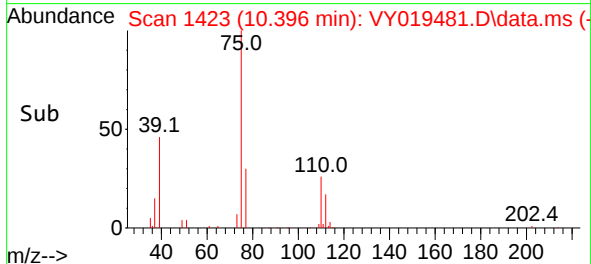
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 75 Resp: 31470
Ion Ratio Lower Upper
75 100
77 30.6 24.1 36.1

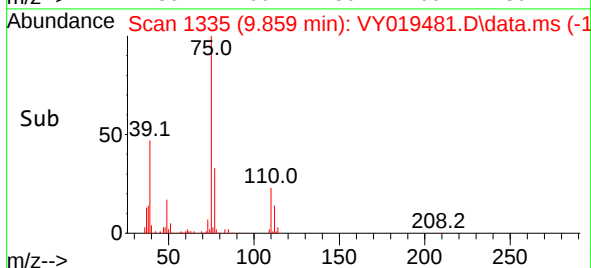
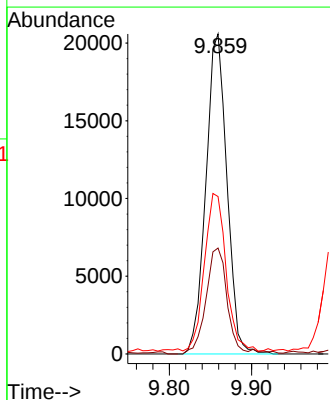
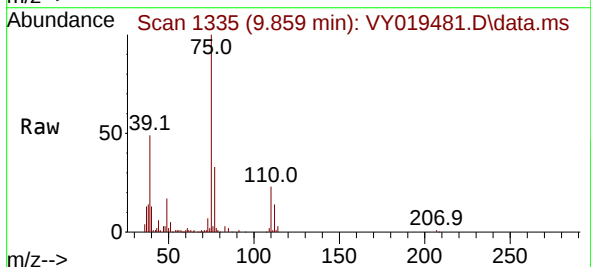
Manual Integrations
APPROVED

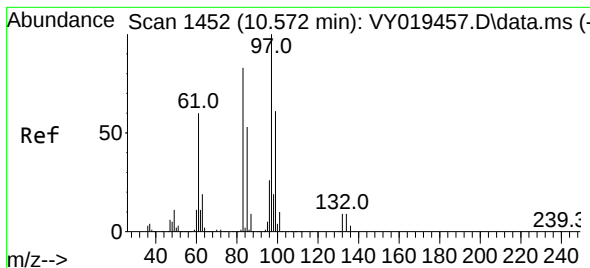
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#54
cis-1,3-Dichloropropene
Concen: 4.155 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Tgt Ion: 75 Resp: 36577
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0
39 47.9 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 4.628 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 97 Resp: 1885

Ion Ratio Lower Upper

97 100

83 79.9 67.5 101.3

85 57.6 42.9 64.3

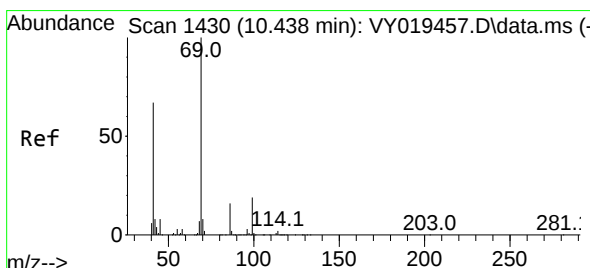
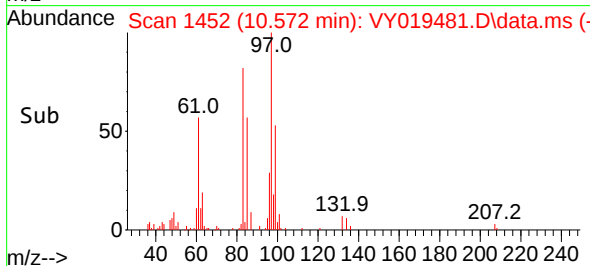
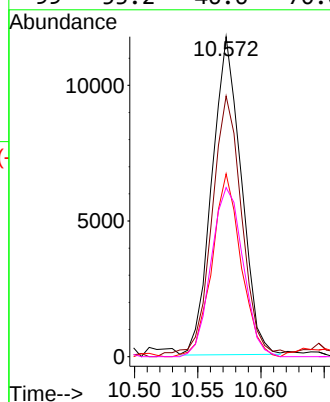
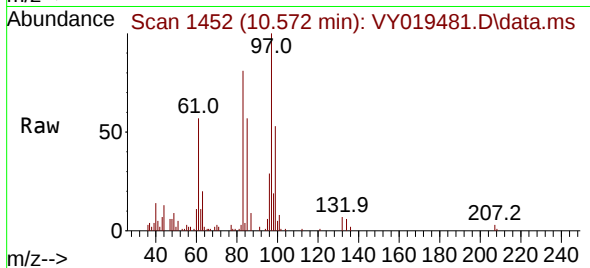
99 53.2 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#56

Ethyl methacrylate

Concen: 4.096 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

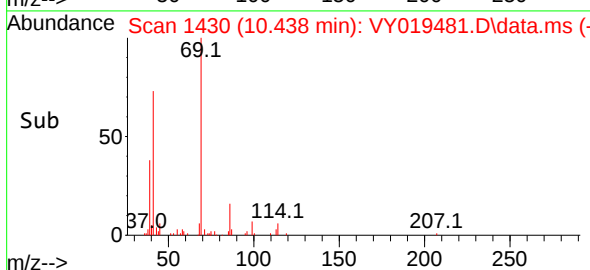
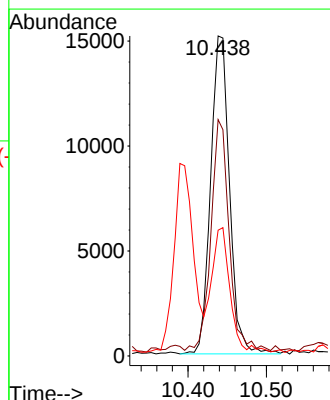
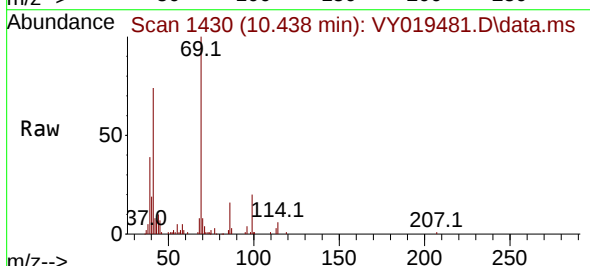
Tgt Ion: 69 Resp: 25354

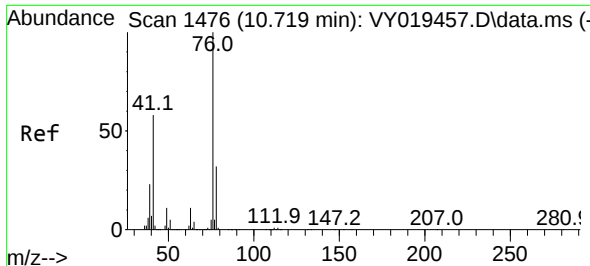
Ion Ratio Lower Upper

69 100

41 69.2 42.3 63.5#

39 35.6 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 4.391 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019481.D

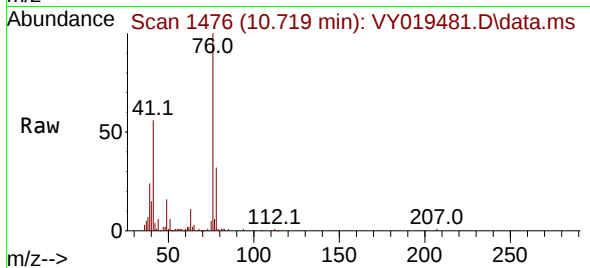
Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 76 Resp: 30750

Ion Ratio Lower Upper

76 100

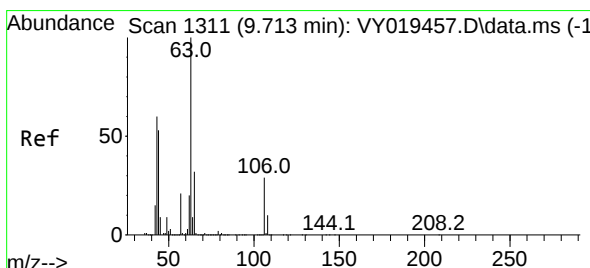
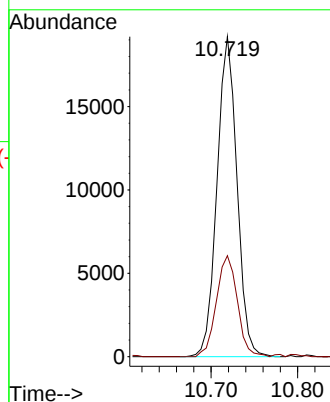
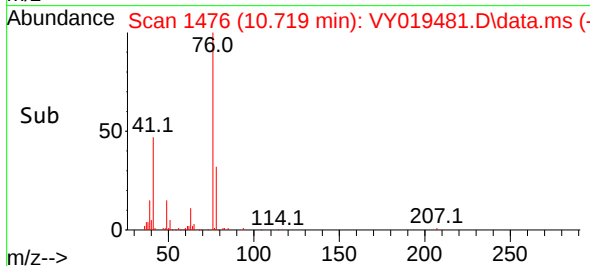
78 33.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#58

2-Chloroethyl Vinyl ether

Concen: 18.675 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019481.D

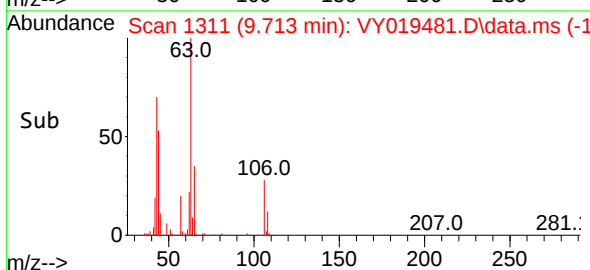
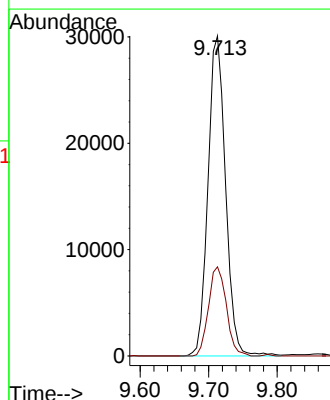
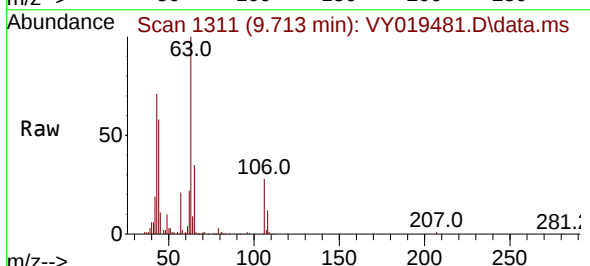
Acq: 10 Sep 2024 11:33

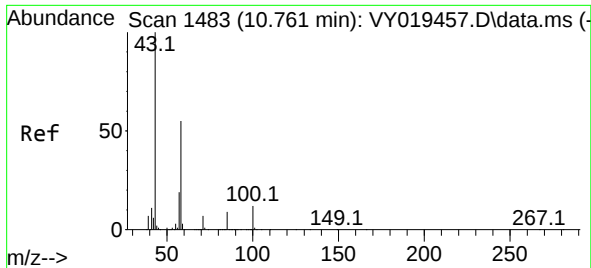
Tgt Ion: 63 Resp: 53650

Ion Ratio Lower Upper

63 100

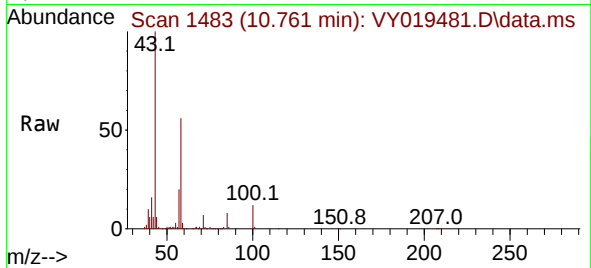
106 28.3 23.7 35.5





#59
2-Hexanone
Concen: 20.567 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

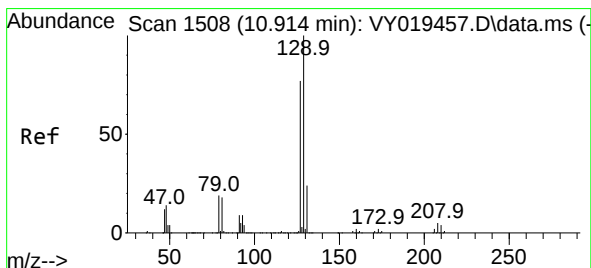
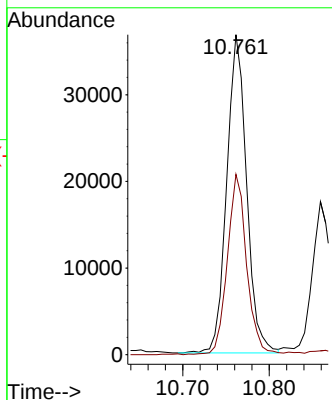
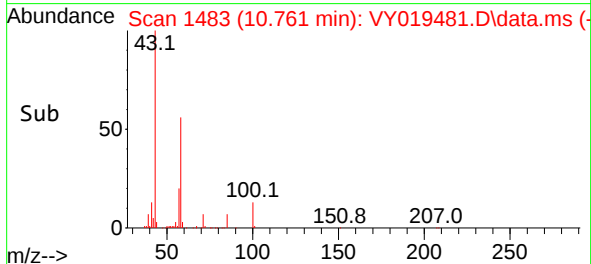
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 58512
Ion Ratio Lower Upper
43 100
58 55.2 31.4 94.0

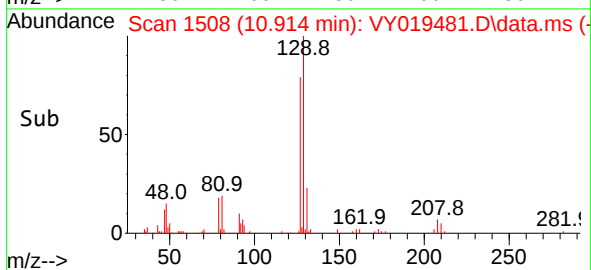
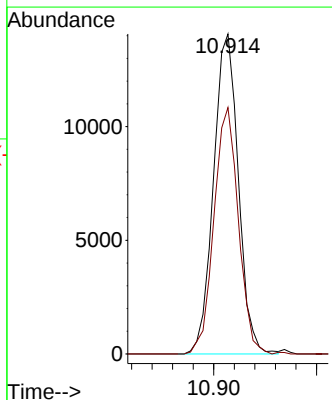
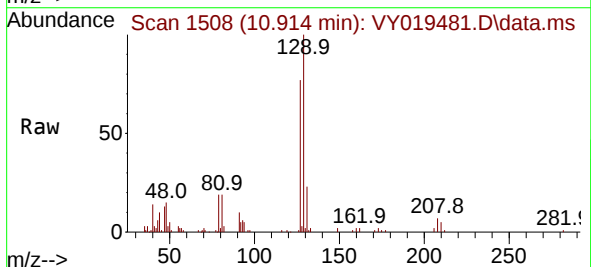
Manual Integrations
APPROVED

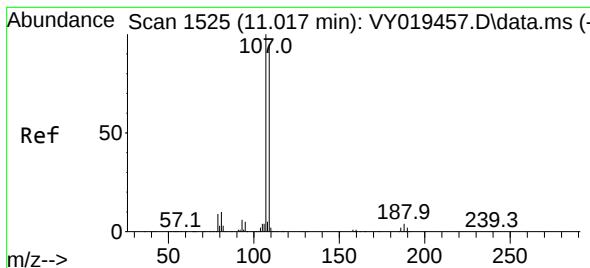
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#60
Dibromochloromethane
Concen: 4.373 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

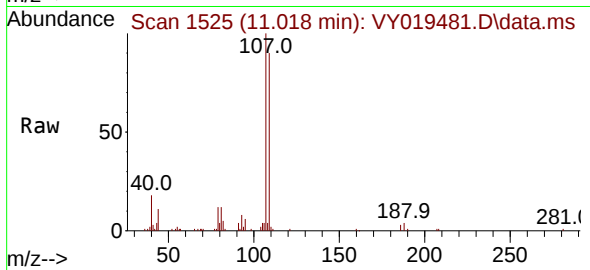
Tgt Ion:129 Resp: 23568
Ion Ratio Lower Upper
129 100
127 76.0 39.0 117.0





#61
1,2-Dibromoethane
Concen: 4.225 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

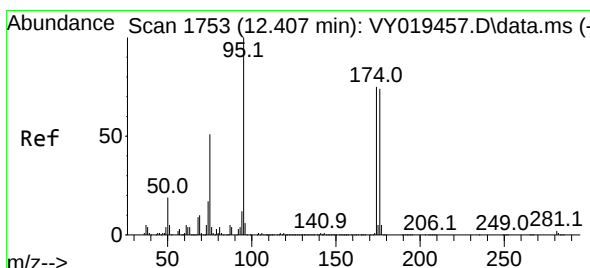
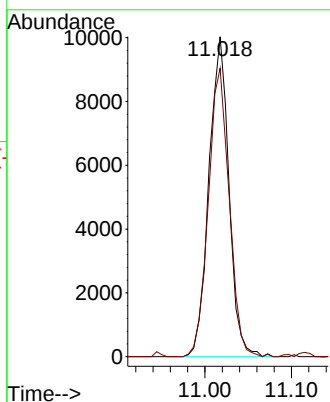
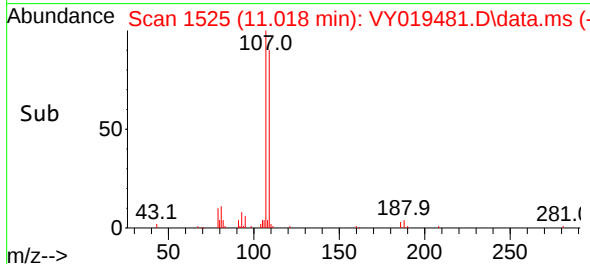
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:107 Resp: 16040
Ion Ratio Lower Upper
107 100
109 94.2 75.9 113.9

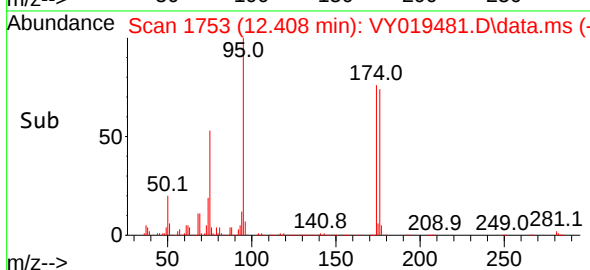
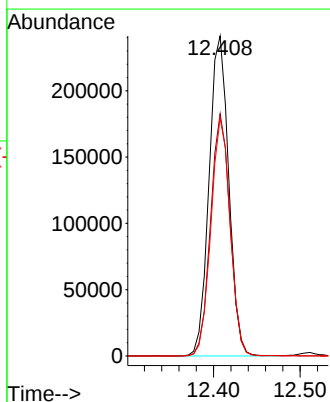
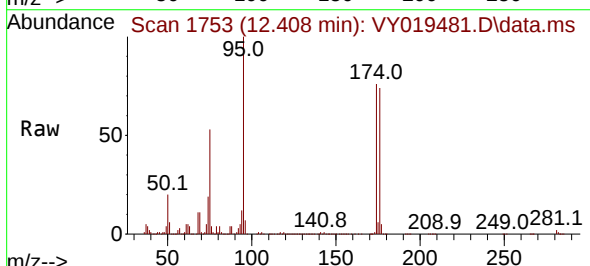
Manual Integrations
APPROVED

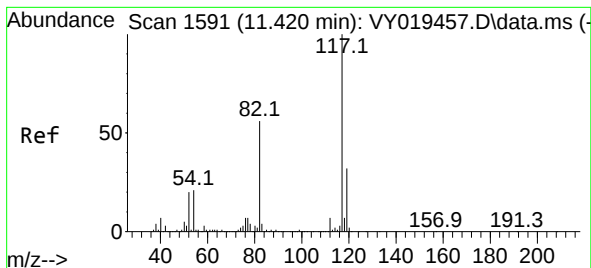
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#62
4-Bromofluorobenzene
Concen: 50.695 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Tgt Ion: 95 Resp: 379665
Ion Ratio Lower Upper
95 100
174 75.1 0.0 175.6
176 72.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

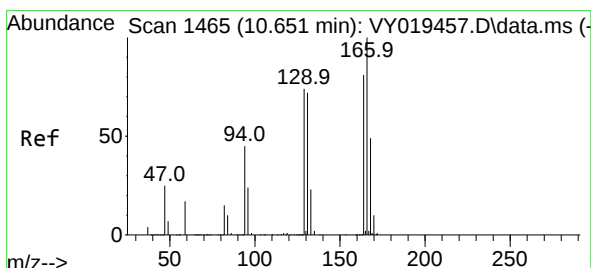
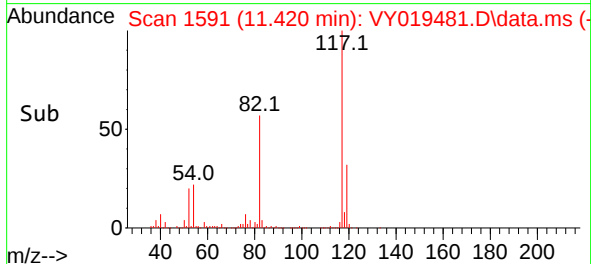
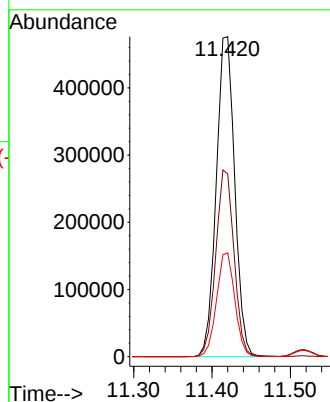
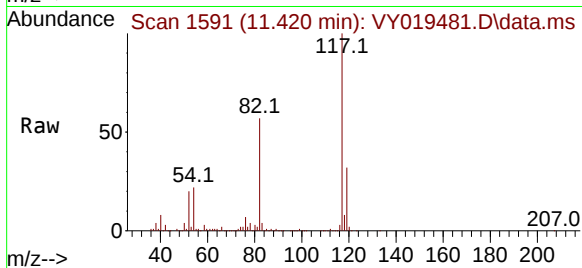
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:117	Resp: 781394
Ion Ratio	Lower Upper
117 100	
82 57.1	42.4 63.6
119 32.5	25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#64

Tetrachloroethene

Concen: 3.800 ug/l

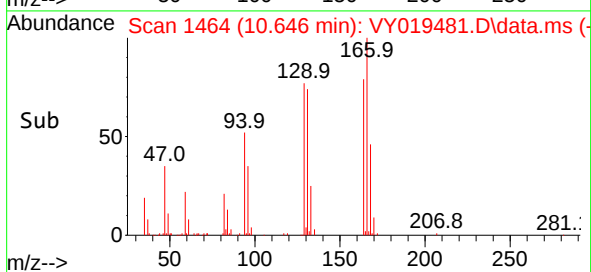
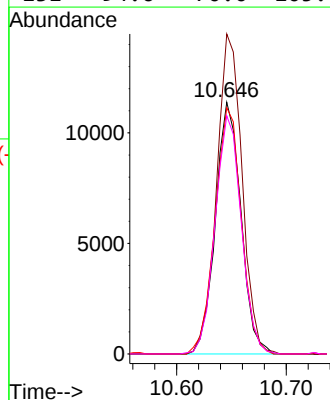
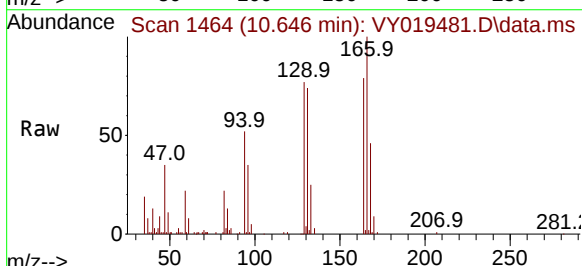
RT: 10.646 min Scan# 1464

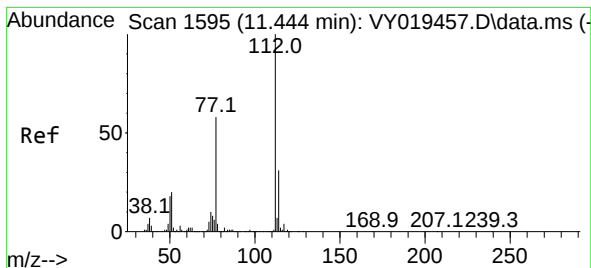
Delta R.T. -0.006 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Tgt Ion:164	Resp: 18387
Ion Ratio	Lower Upper
164 100	
166 127.1	102.6 154.0
129 97.8	72.0 108.0
131 94.6	70.0 105.0





#65

Chlorobenzene

Concen: 4.263 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:112 Resp: 65520

Ion Ratio Lower Upper

112 100

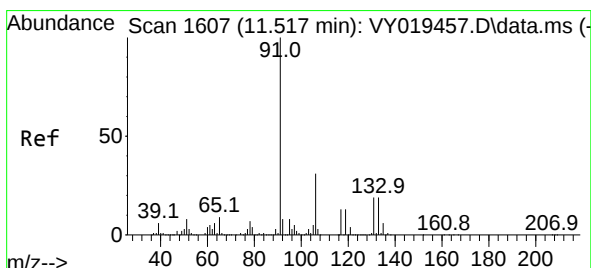
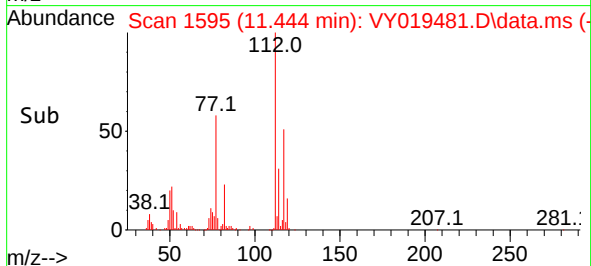
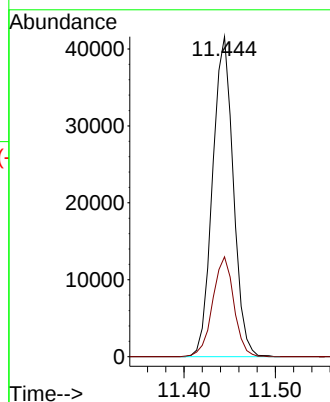
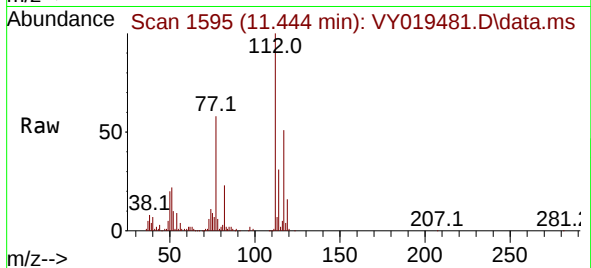
114 31.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 4.519 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

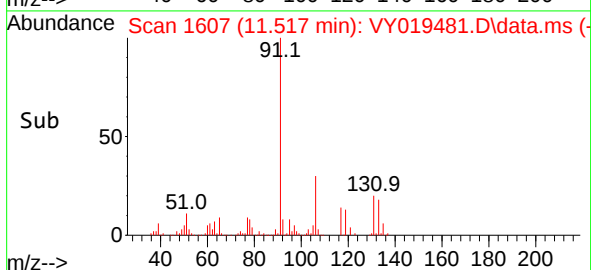
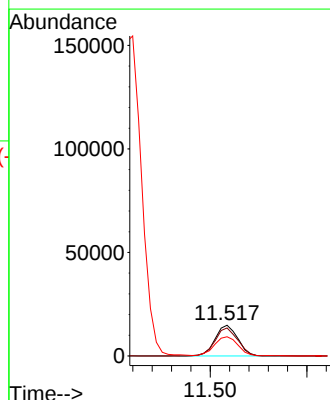
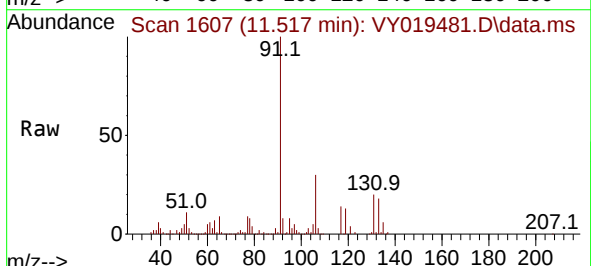
Tgt Ion:131 Resp: 24049

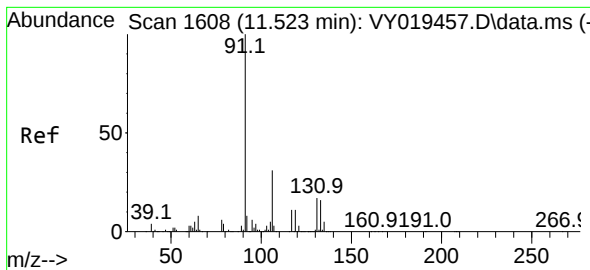
Ion Ratio Lower Upper

131 100

133 92.5 47.8 143.3

119 64.4 34.1 102.2





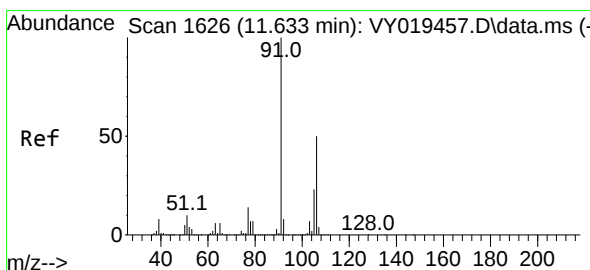
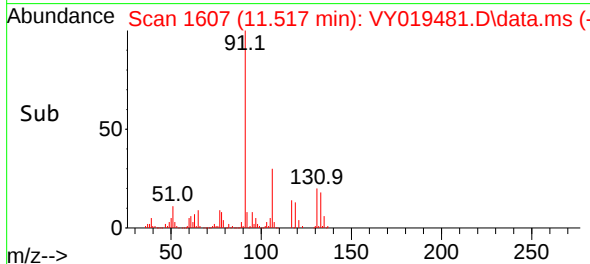
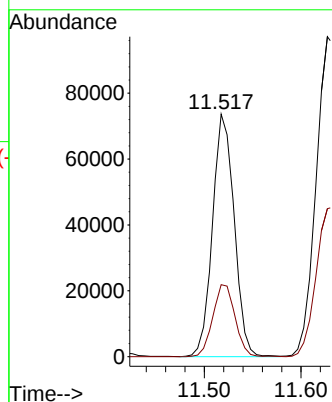
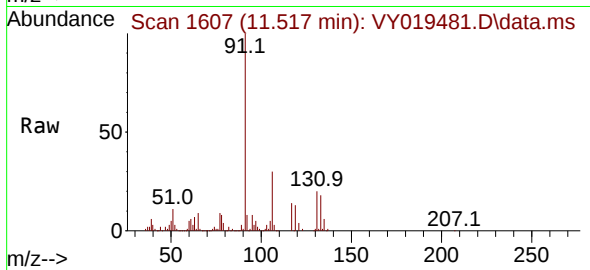
#67
Ethyl Benzene
Concen: 4.206 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 91 Resp: 11487
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7

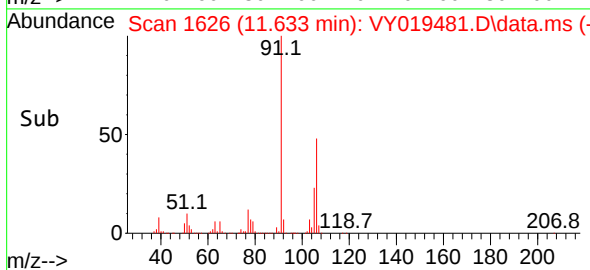
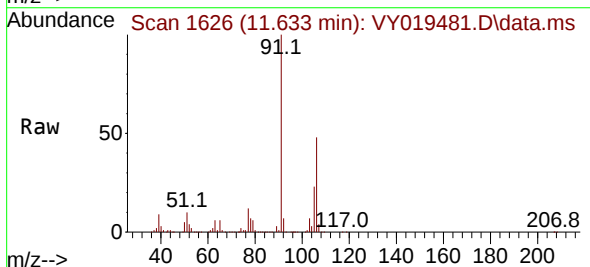
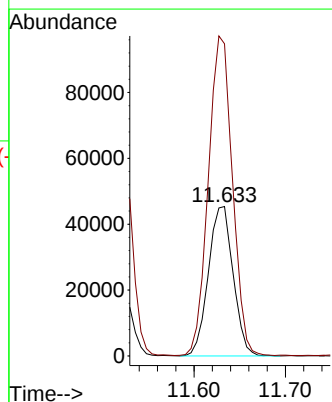
Manual Integrations
APPROVED

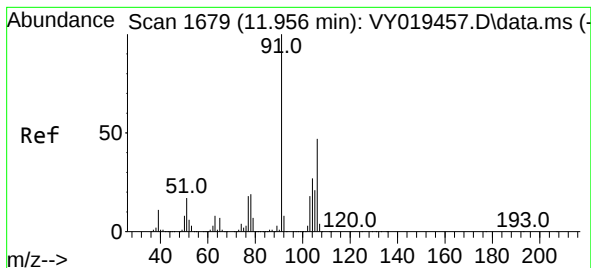
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#68
m/p-Xylenes
Concen: 8.261 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Tgt Ion:106 Resp: 85309
Ion Ratio Lower Upper
106 100
91 208.3 156.0 234.0





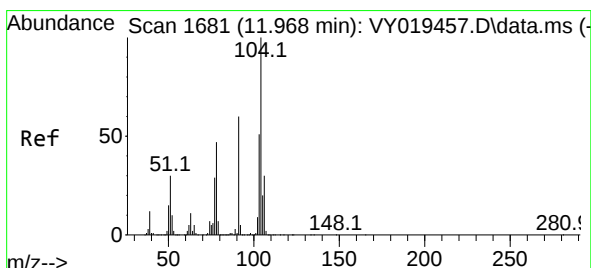
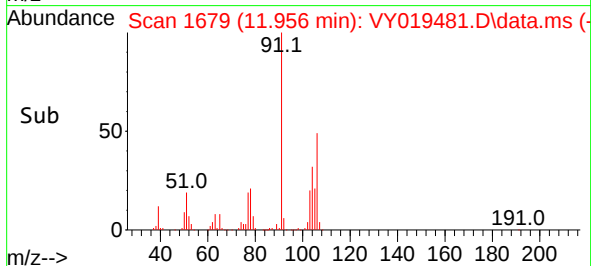
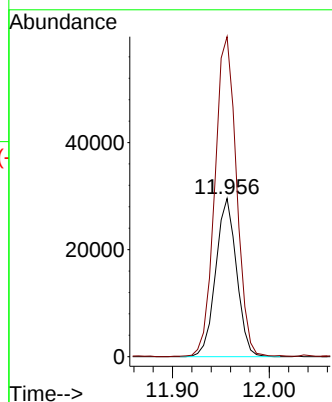
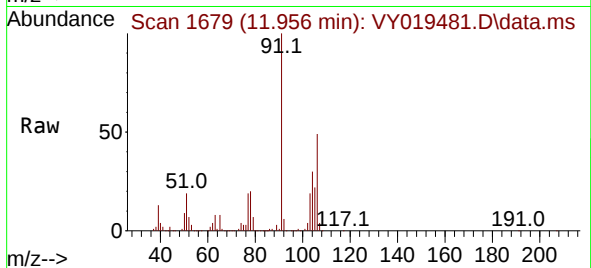
#69
o-Xylene
Concen: 4.374 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:106 Resp: 44179
Ion Ratio Lower Upper
106 100
91 210.9 103.6 310.8

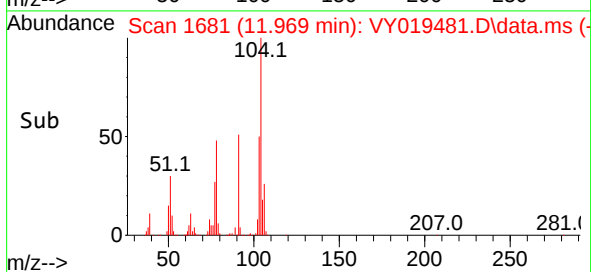
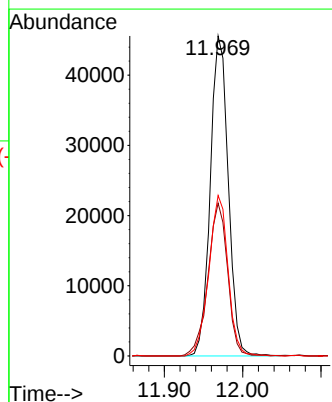
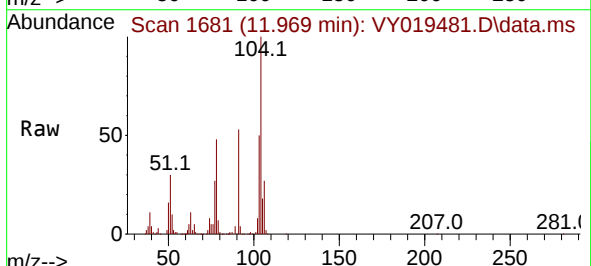
Manual Integrations
APPROVED

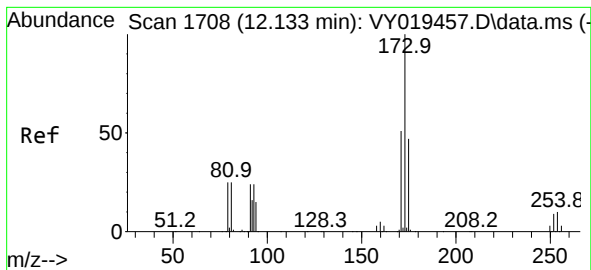
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#70
Styrene
Concen: 4.264 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Tgt Ion:104 Resp: 72705
Ion Ratio Lower Upper
104 100
78 52.0 37.0 55.4
103 53.7 44.2 66.2





#71

Bromoform

Concen: 4.360 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

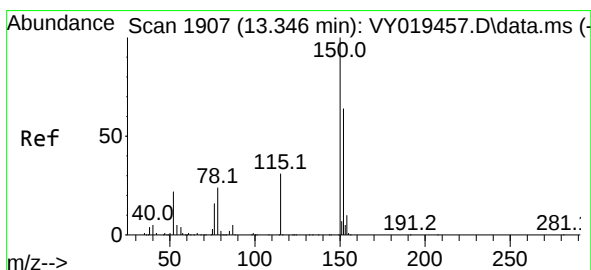
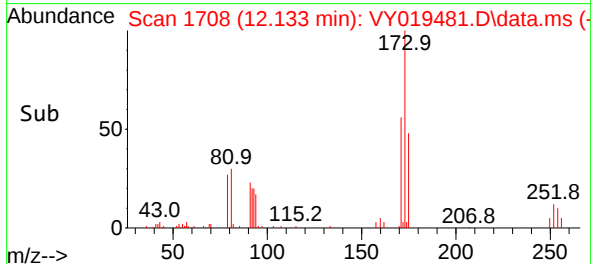
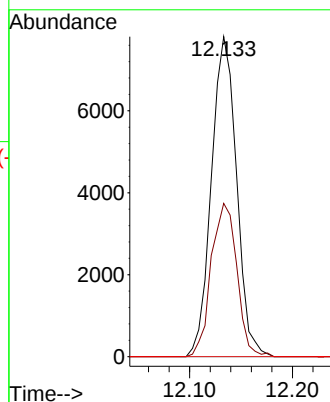
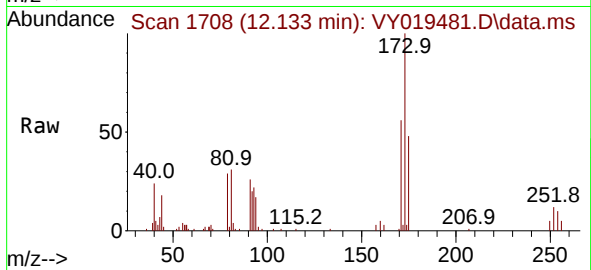
Tgt Ion:173	Resp:	1325
Ion Ratio	Lower	Upper
173	100	
175	49.0	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

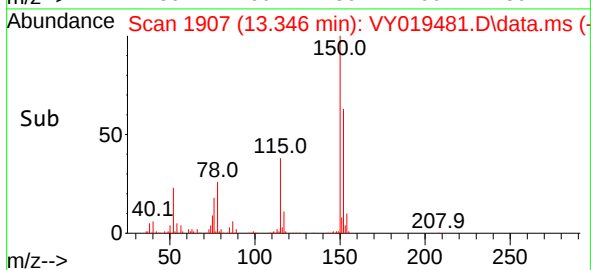
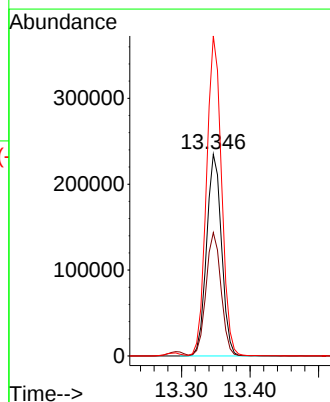
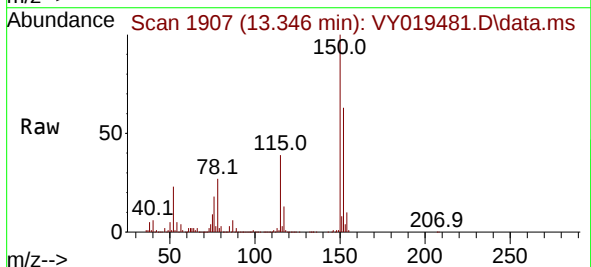
RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Tgt Ion:152	Resp:	356447
Ion Ratio	Lower	Upper
152	100	
115	61.6	28.2 84.7
150	159.5	0.0 345.6





#73

Isopropylbenzene

Concen: 4.425 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:105 Resp: 11442

Ion Ratio Lower Upper

105 100

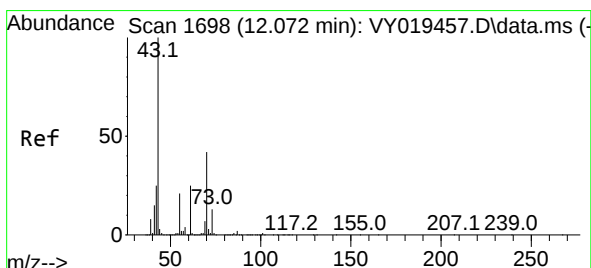
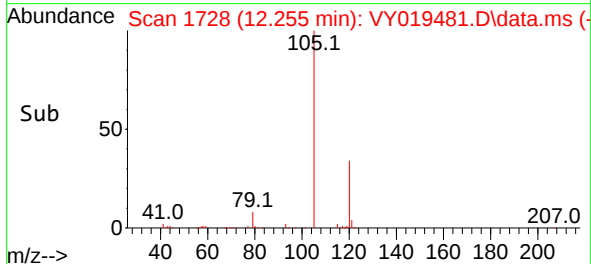
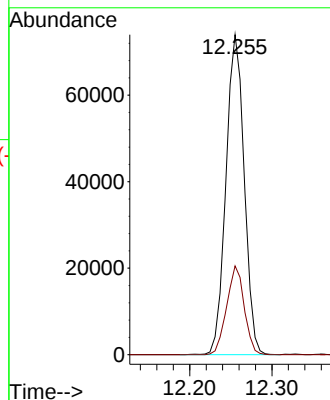
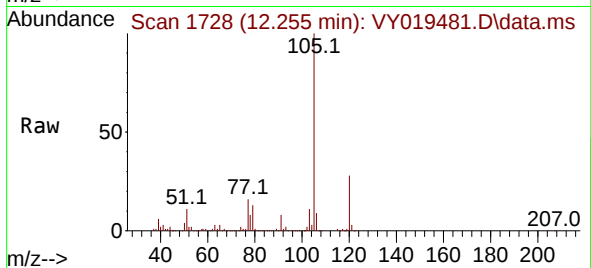
120 26.7 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#74

N-ethyl acetate

Concen: 4.371 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Tgt Ion: 43 Resp: 30738

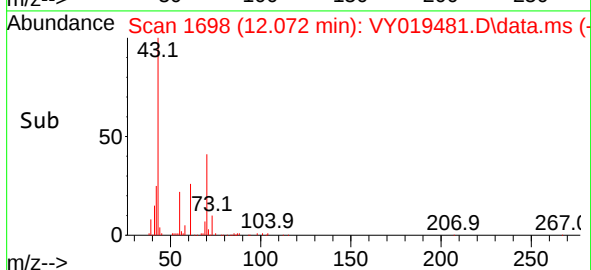
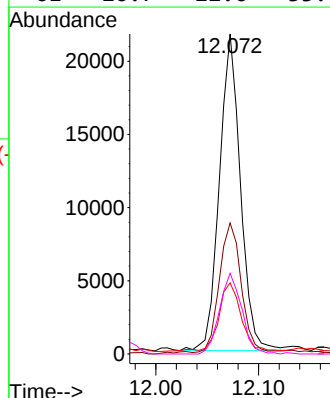
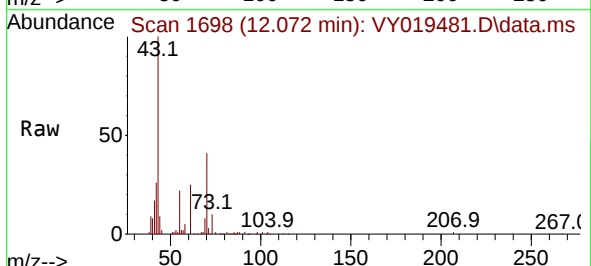
Ion Ratio Lower Upper

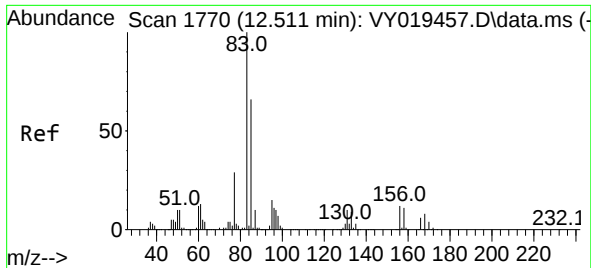
43 100

70 44.8 41.4 62.2

55 23.1 23.3 34.9#

61 26.7 22.6 33.8





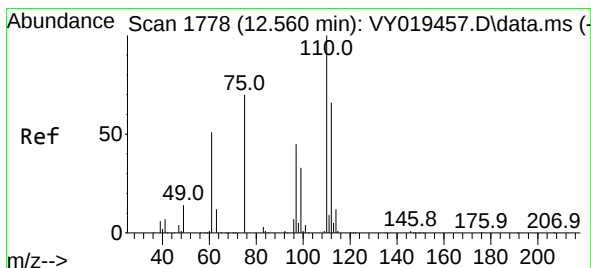
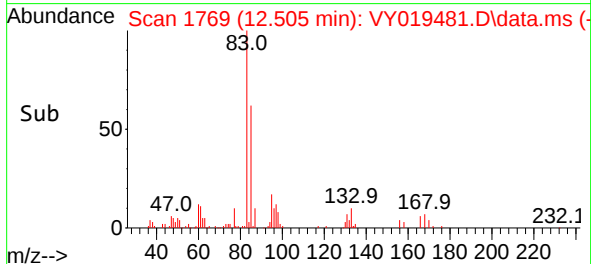
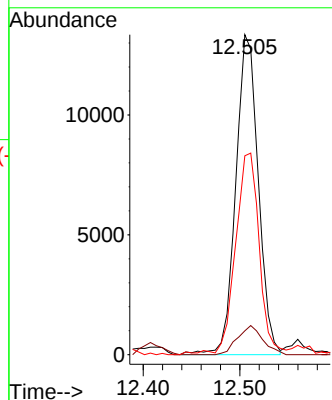
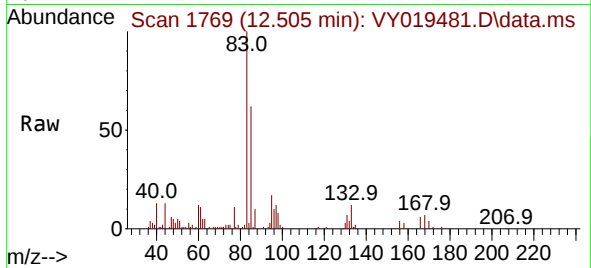
#75
1,1,2,2-Tetrachloroethane
Concen: 4.712 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 83 Resp: 21628
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 66.6 32.0 96.0

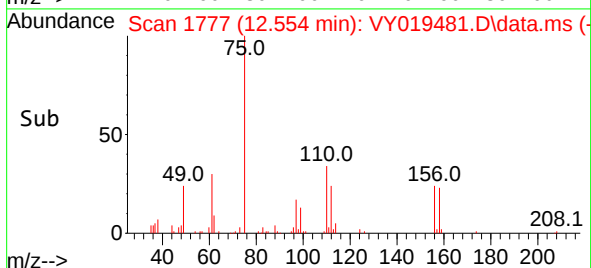
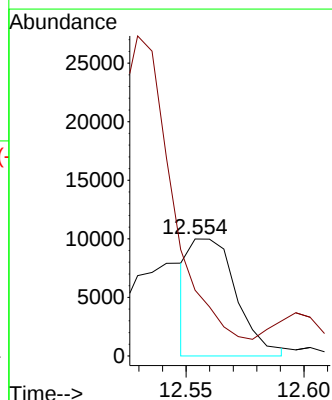
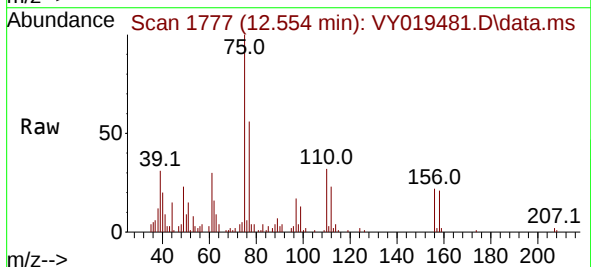
Manual Integrations
APPROVED

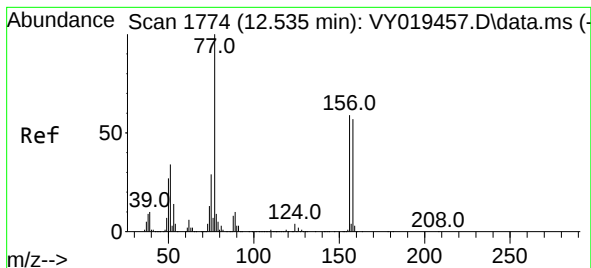
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#76
1,2,3-Trichloropropane
Concen: 4.098 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Tgt Ion: 75 Resp: 13690
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.415 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

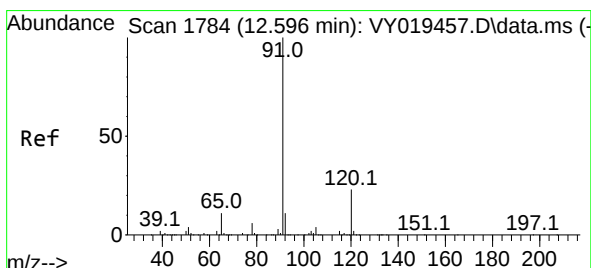
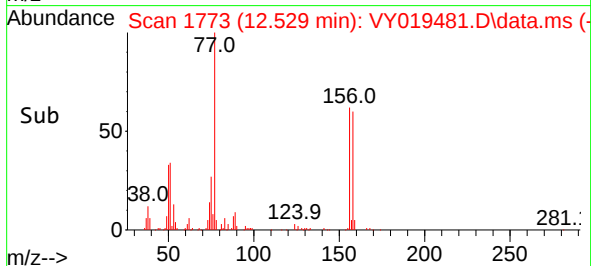
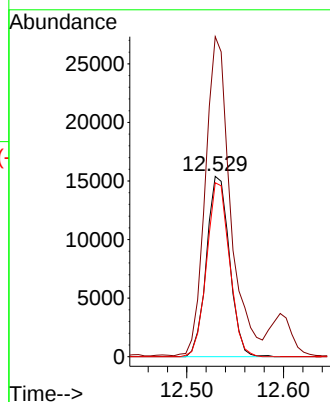
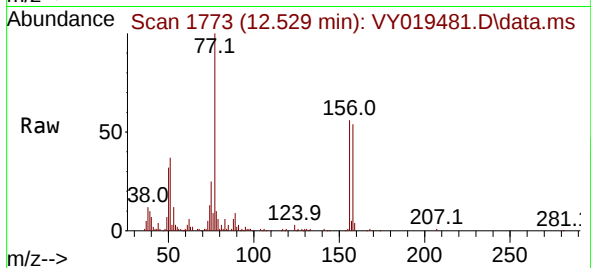
Tgt Ion:	156	Resp:	25319
Ion Ratio	Lower	Upper	
156	100		
77	193.6	87.1	261.3
158	96.4	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#78

n-propylbenzene

Concen: 4.474 ug/l

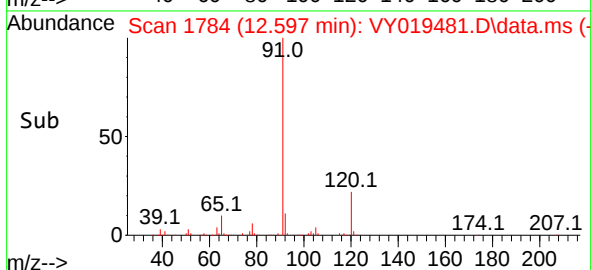
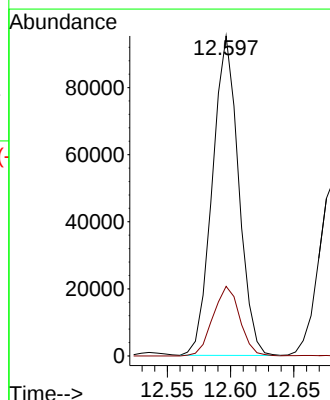
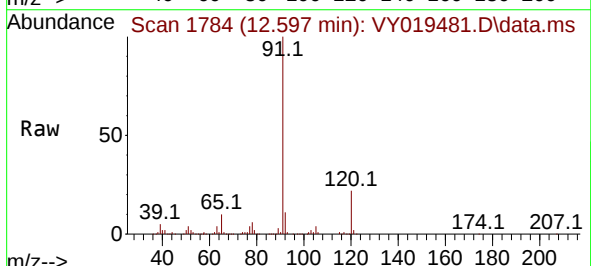
RT: 12.597 min Scan# 1784

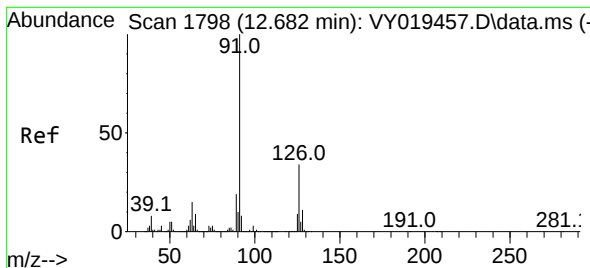
Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

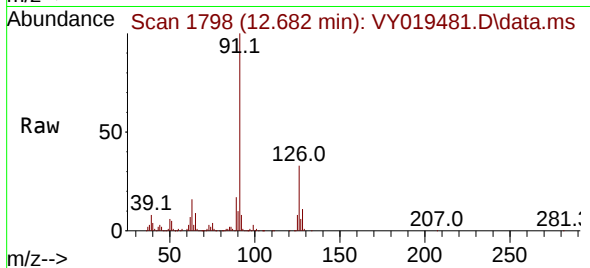
Tgt Ion:	91	Resp:	137140
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4





#79
2-Chlorotoluene
Concen: 4.485 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

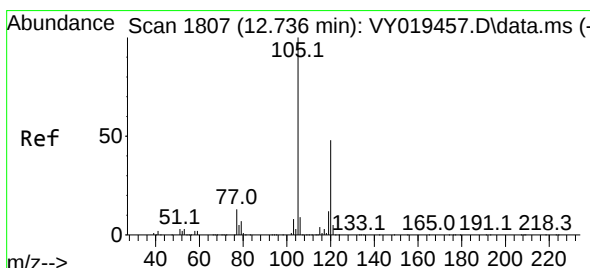
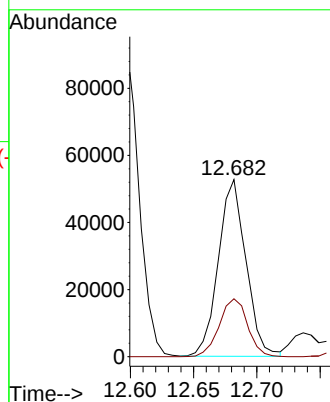
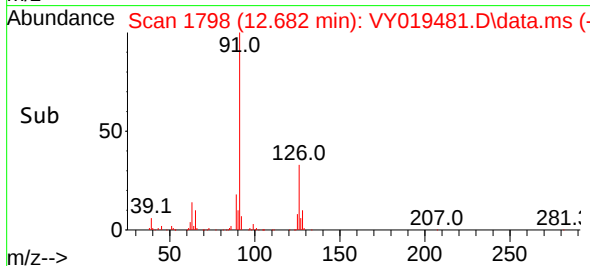
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



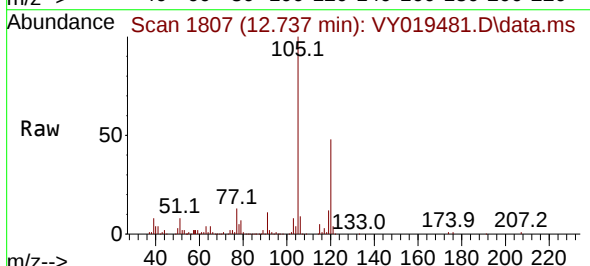
Tgt Ion: 91 Resp: 80100
Ion Ratio Lower Upper
91 100
126 33.5 17.8 53.5

Manual Integrations
APPROVED

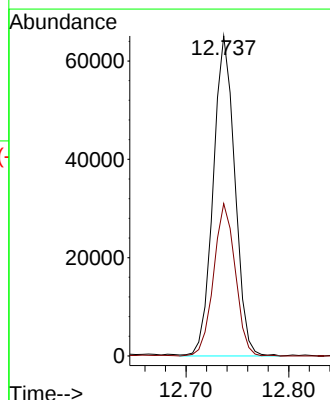
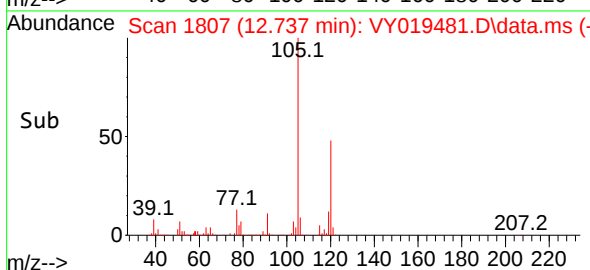
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

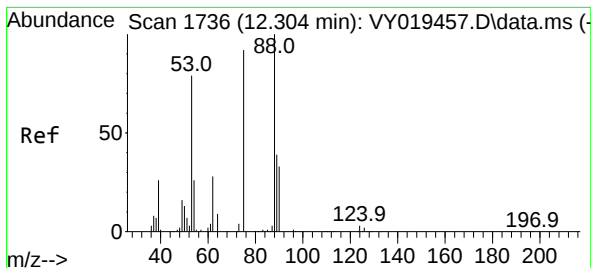


#80
1,3,5-Trimethylbenzene
Concen: 4.520 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33



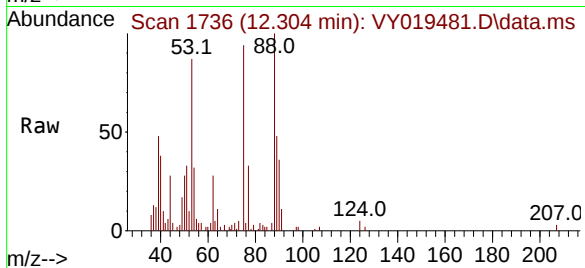
Tgt Ion:105 Resp: 95021
Ion Ratio Lower Upper
105 100
120 47.6 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.208 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

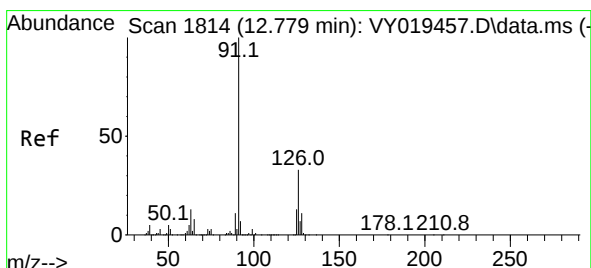
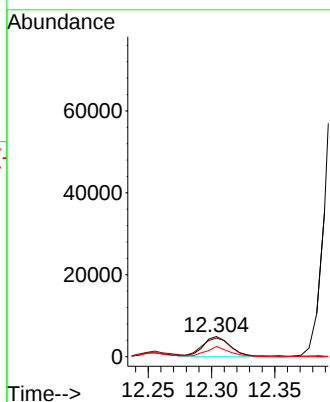
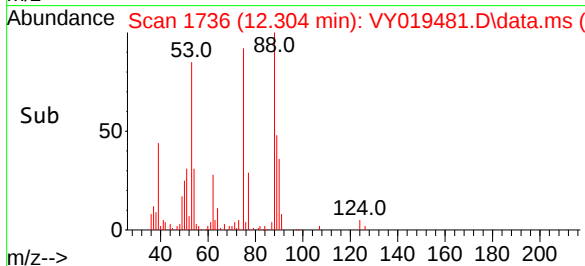
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 75 Resp: 732
Ion Ratio Lower Upper
75 100
53 93.7 66.8 100.2
89 43.6 35.8 53.6

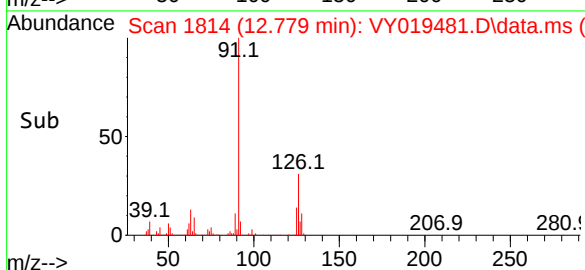
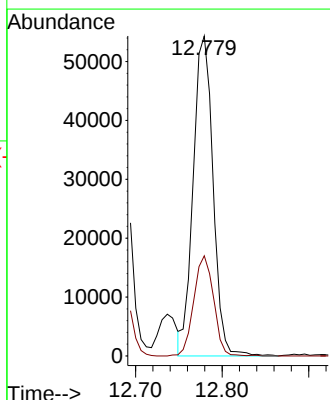
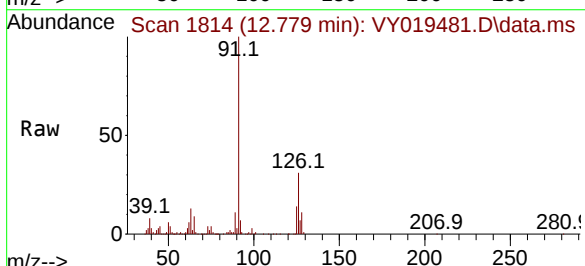
Manual Integrations
APPROVED

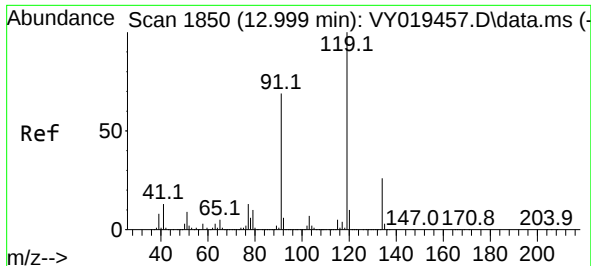
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#82
4-Chlorotoluene
Concen: 4.716 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

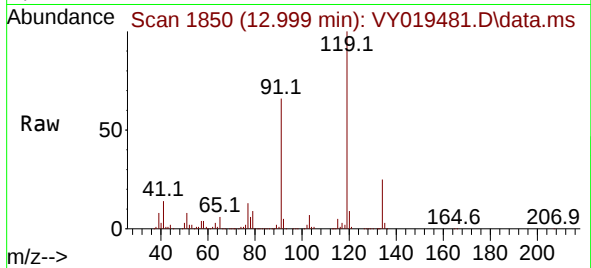
Tgt Ion: 91 Resp: 86605
Ion Ratio Lower Upper
91 100
126 31.2 17.6 52.9





#83
tert-Butylbenzene
Concen: 4.671 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

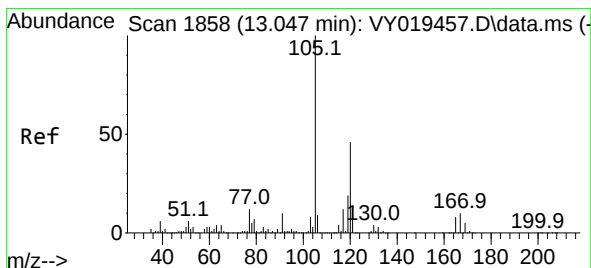
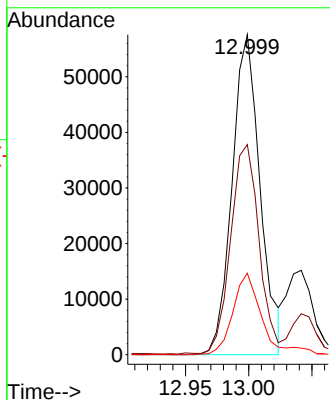
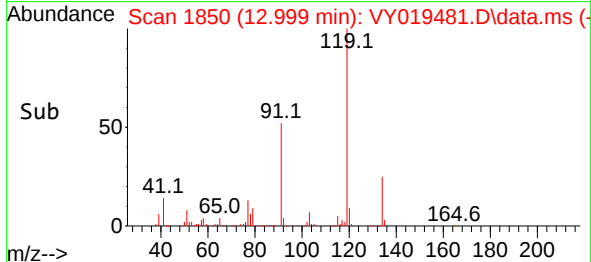
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



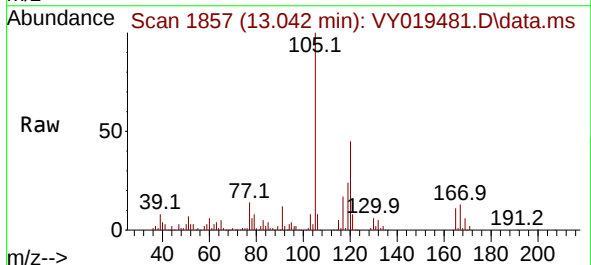
Tgt Ion:119 Resp: 8888
Ion Ratio Lower Upper
119 100
91 66.2 31.3 93.8
134 26.2 13.4 40.1

Manual Integrations
APPROVED

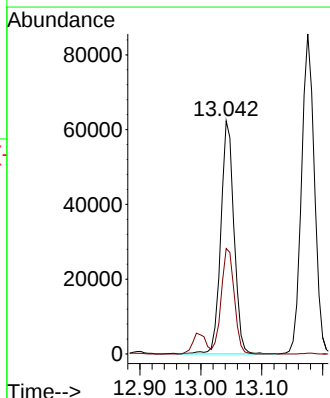
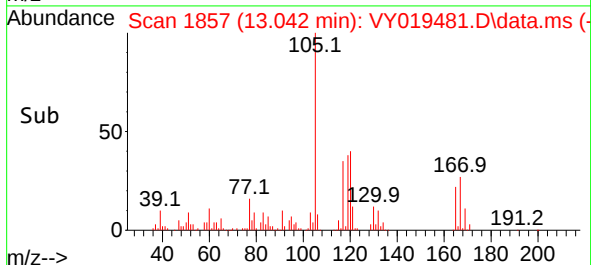
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

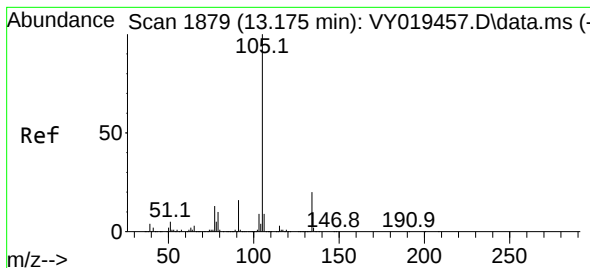


#84
1,2,4-Trimethylbenzene
Concen: 4.509 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33



Tgt Ion:105 Resp: 93833
Ion Ratio Lower Upper
105 100
120 44.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 4.537 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019481.D

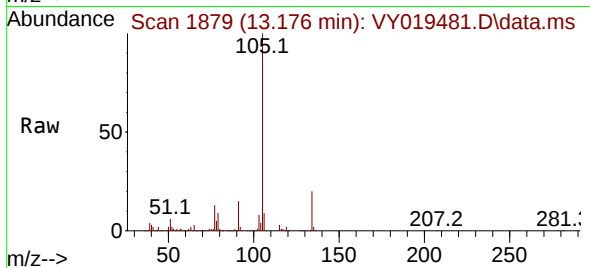
Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:105 Resp: 12542

Ion Ratio Lower Upper

105 100

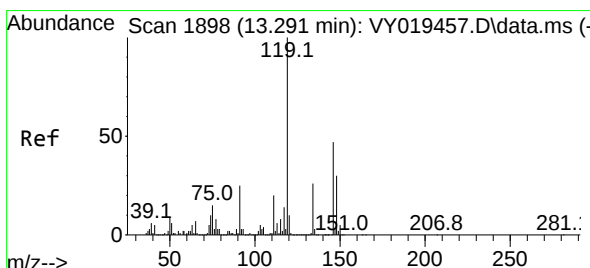
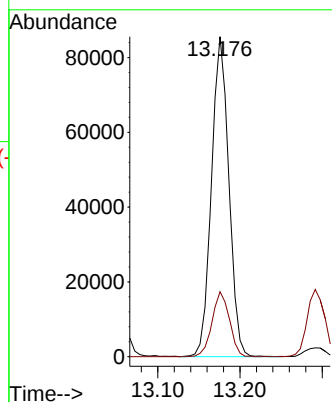
134 20.3 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#86

p-Isopropyltoluene

Concen: 4.564 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

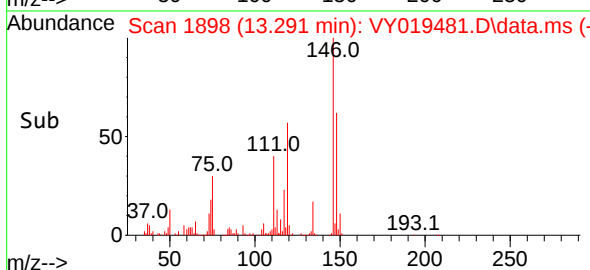
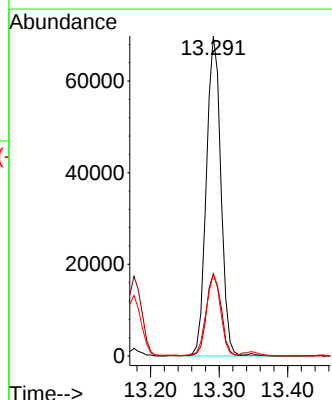
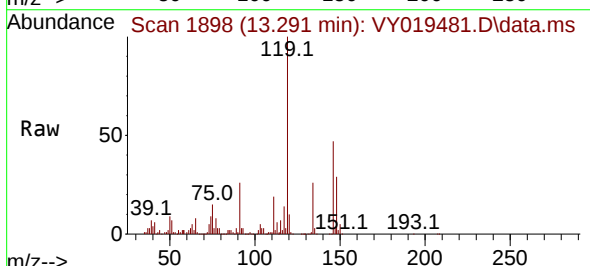
Tgt Ion:119 Resp: 103243

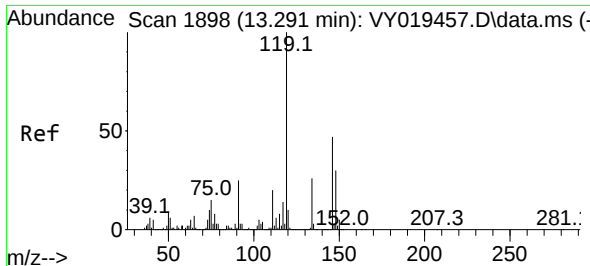
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

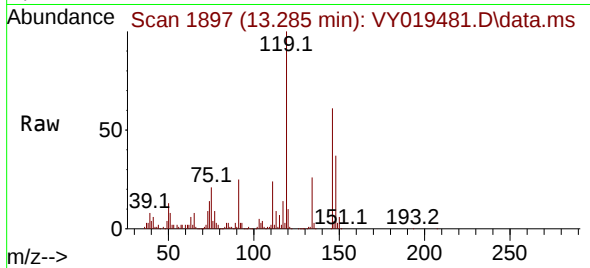
91 25.4 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 4.668 ug/l
RT: 13.285 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

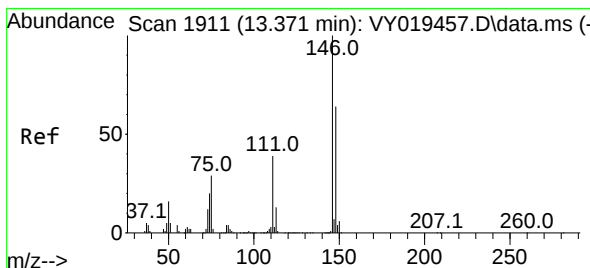
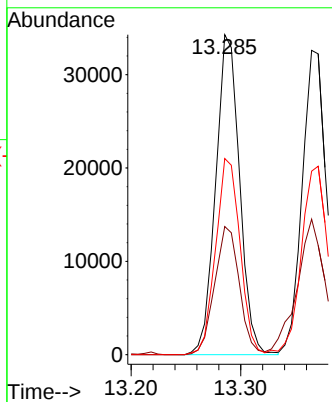
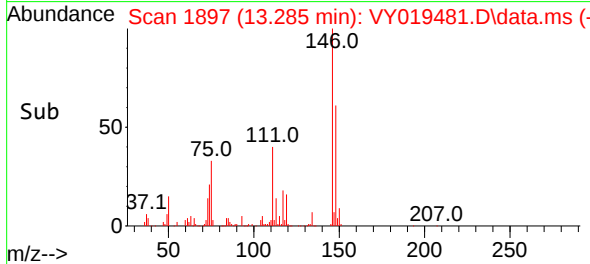
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:146 Resp: 52024
Ion Ratio Lower Upper
146 100
111 41.4 19.0 57.0
148 62.5 31.7 95.1

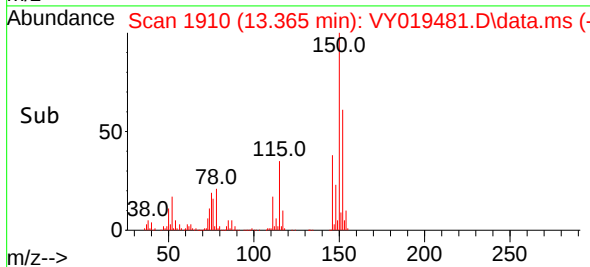
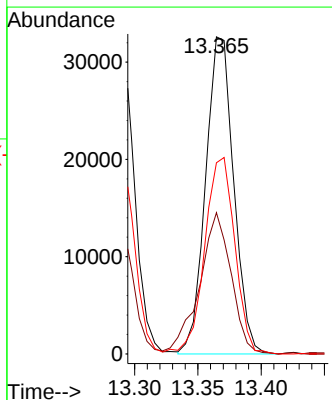
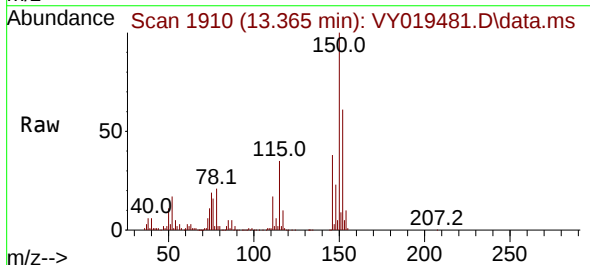
Manual Integrations
APPROVED

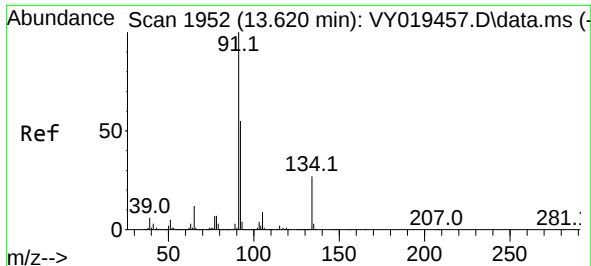
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#88
1,4-Dichlorobenzene
Concen: 4.557 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

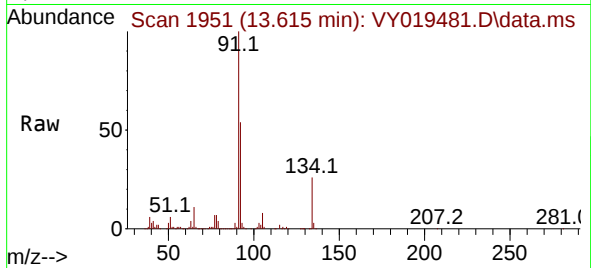
Tgt Ion:146 Resp: 50404
Ion Ratio Lower Upper
146 100
111 50.2 18.4 55.4
148 66.4 32.4 97.2





#89
n-Butylbenzene
Concen: 4.452 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

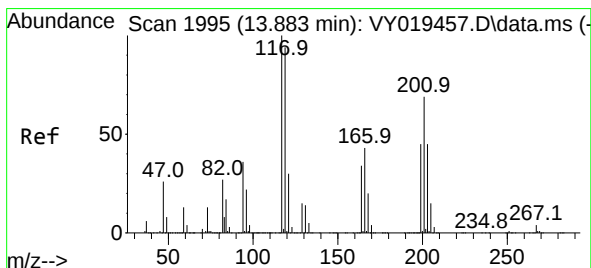
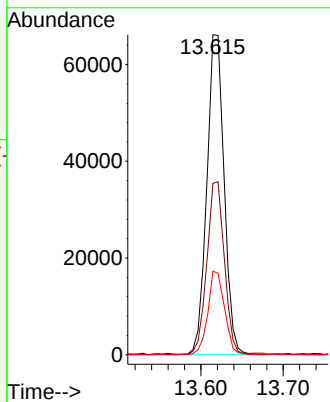
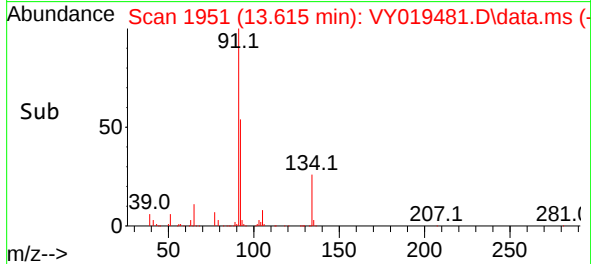
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:	91	Resp:	9627
Ion Ratio	100	Lower	Upper
91	100		
92	55.0	26.6	79.7
134	25.3	12.9	38.7

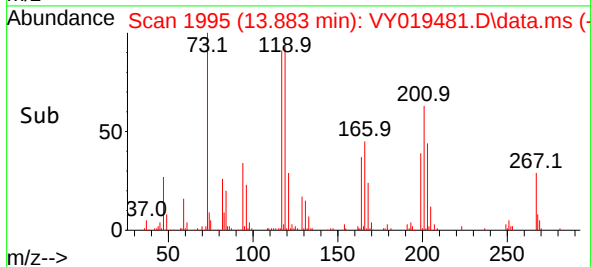
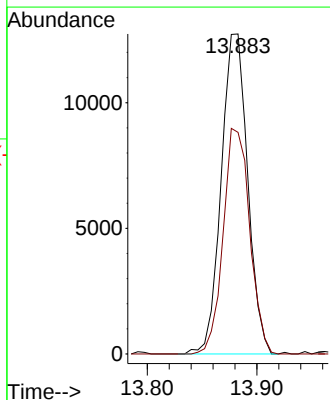
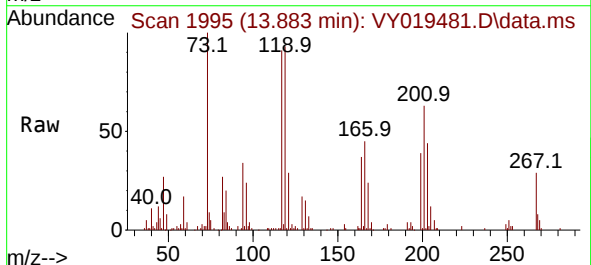
Manual Integrations
APPROVED

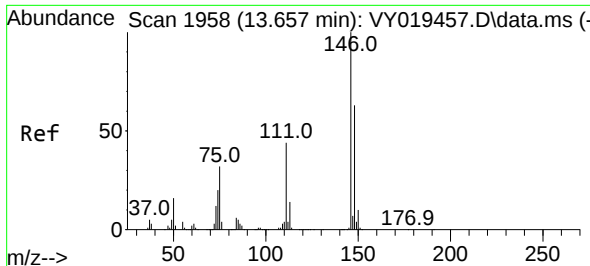
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#90
Hexachloroethane
Concen: 4.541 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY019481.D
Acq: 10 Sep 2024 11:33

Tgt Ion:	117	Resp:	21374
Ion Ratio	100	Lower	Upper
117	100		
201	70.7	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 4.686 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

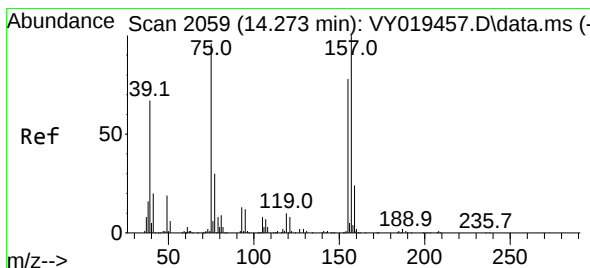
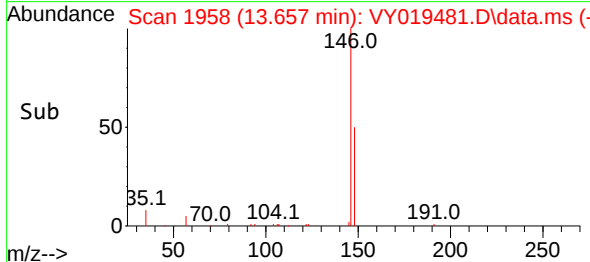
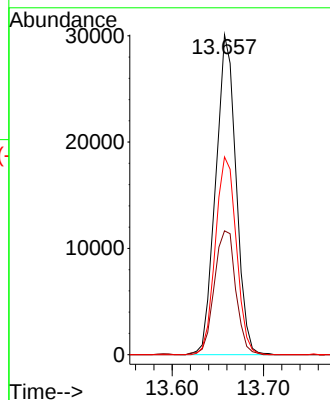
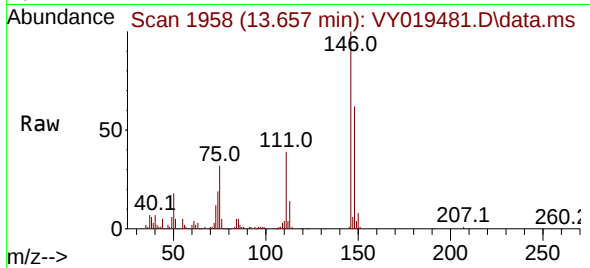
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	146	Resp:	4660
Ion Ratio	Lower	Upper	
146	100		
111	41.0	19.9	59.7
148	63.6	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.038 ug/l

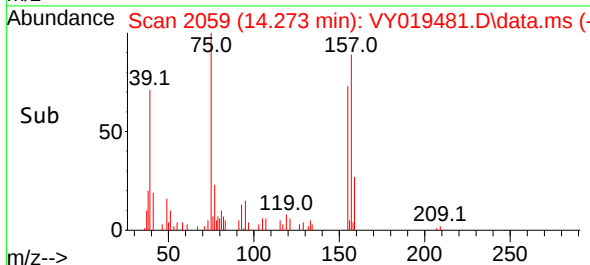
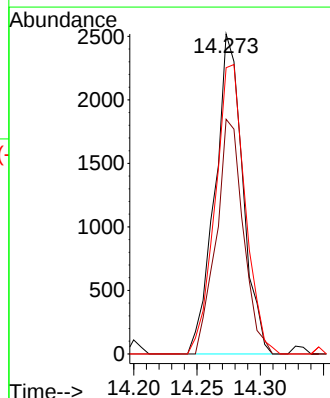
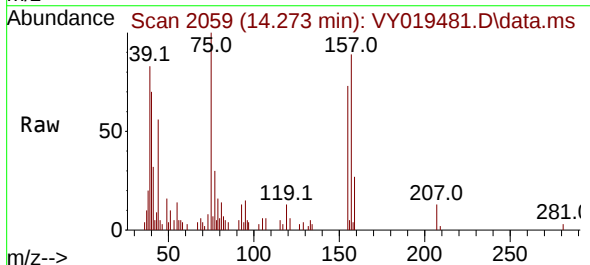
RT: 14.273 min Scan# 2059

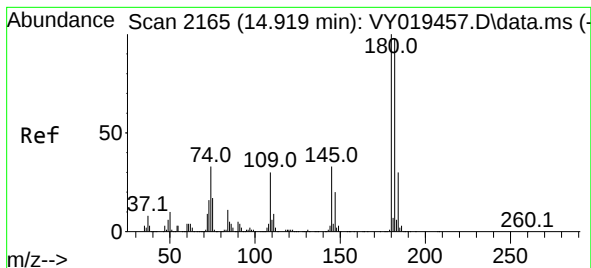
Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Tgt Ion:	75	Resp:	3854
Ion Ratio	Lower	Upper	
75	100		
155	71.2	48.6	145.8
157	97.1	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 4.496 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

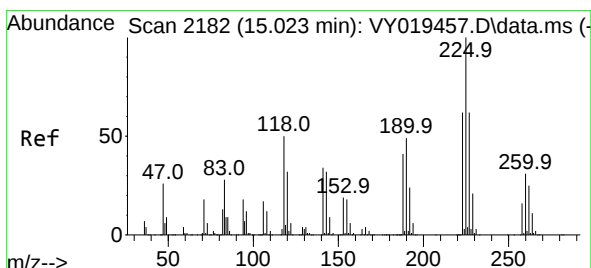
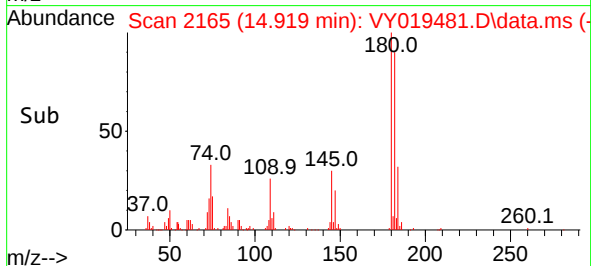
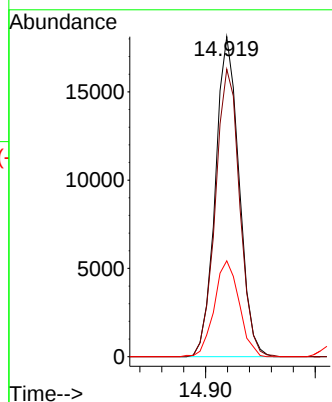
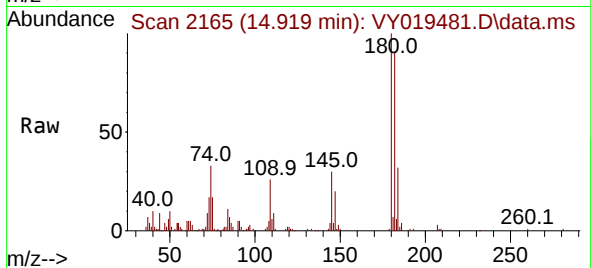
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:180	Resp:	2719
Ion Ratio	Lower	Upper
180	100	
182	92.1	47.9 143.8
145	31.5	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#94

Hexachlorobutadiene

Concen: 4.415 ug/l

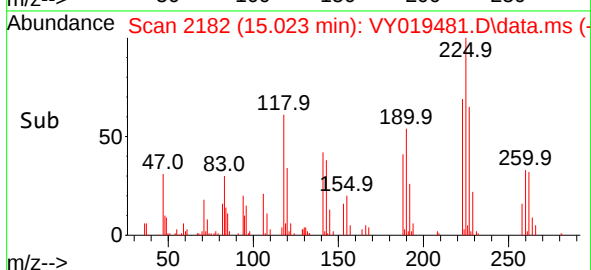
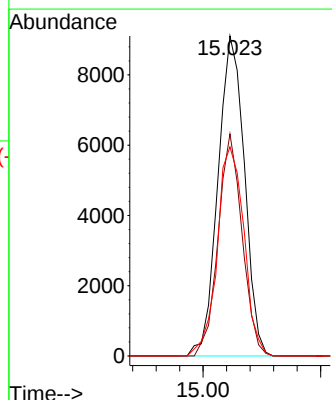
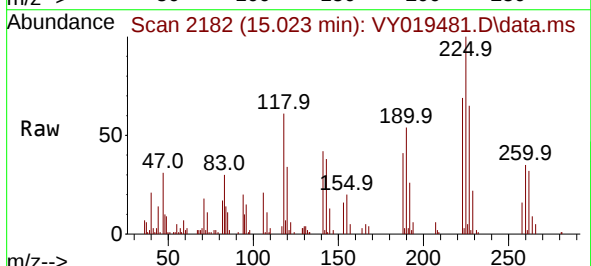
RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Tgt Ion:225	Resp:	14265
Ion Ratio	Lower	Upper
225	100	
223	62.9	30.4 91.2
227	65.9	31.9 95.9





#95

Naphthalene

Concen: 4.243 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Instrument :

MSVOA_Y

ClientSampleId :

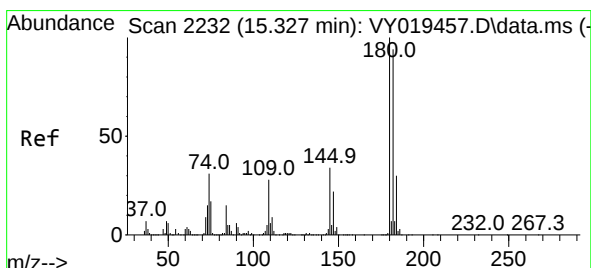
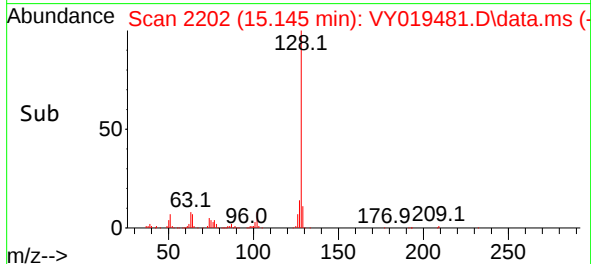
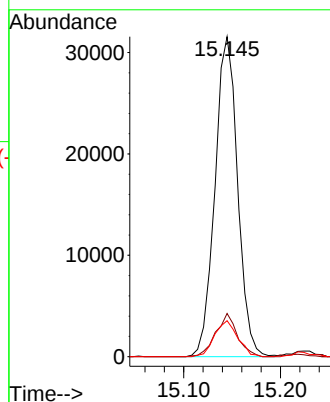
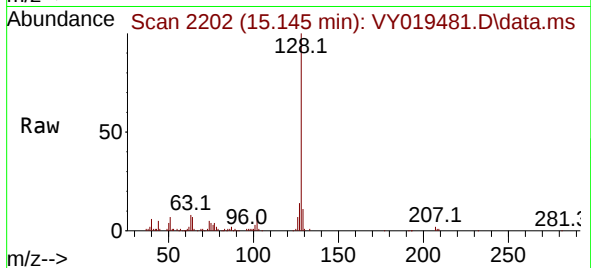
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:128	Resp: 51398
Ion Ratio	Lower Upper
128 100	
127 12.9	10.6 16.0
129 11.5	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.329 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019481.D

Acq: 10 Sep 2024 11:33

Tgt Ion:180	Resp: 22396
Ion Ratio	Lower Upper
180 100	
182 96.5	47.6 142.9
145 36.6	15.4 46.1

