

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019503.D
 Acq On : 11 Sep 2024 11:52
 Operator : SY/MD
 Sample : P3390-01 2.5 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 12 05:47:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 05:47:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	468946	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	826133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	689015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	312010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	261994	60.335	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.660%			
35) Dibromofluoromethane	7.634	113	258549	55.198	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.400%			
50) Toluene-d8	10.109	98	965889	55.751	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.500%			
62) 4-Bromofluorobenzene	12.407	95	333764	50.102	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 100.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	7130	2.405	ug/l	92
3) Chloromethane	2.074	50	7741	1.995	ug/l	98
4) Vinyl Chloride	2.208	62	9250	2.205	ug/l	# 82
5) Bromomethane	2.598	94	7070	2.743	ug/l	99
6) Chloroethane	2.738	64	6886	2.511	ug/l	100
7) Trichlorofluoromethane	3.062	101	17339	2.479	ug/l	96
8) Diethyl Ether	3.452	74	5938	2.529	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.811	101	11336	2.620	ug/l	96
10) Methyl Iodide	4.007	142	11454	2.065	ug/l	# 91
11) Tert butyl alcohol	4.860	59	5772	16.460	ug/l	100
12) 1,1-Dichloroethene	3.781	96	9464	2.275	ug/l	98
13) Acrolein	3.659	56	7249	38.550	ug/l	89
14) Allyl chloride	4.378	41	16666	2.234	ug/l	# 91
15) Acrylonitrile	5.061	53	15630	15.441	ug/l	97
16) Acetone	3.872	43	16788	16.228	ug/l	# 84
17) Carbon Disulfide	4.104	76	12936	1.151	ug/l	97
18) Methyl Acetate	4.385	43	10511	3.744	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	32788	2.782	ug/l	97
20) Methylene Chloride	4.610	84	33077	7.011	ug/l	92
21) trans-1,2-Dichloroethene	5.116	96	10242	2.246	ug/l	96
22) Diisopropyl ether	6.006	45	42142	2.750	ug/l	# 80
23) Vinyl Acetate	5.957	43	143513	16.399	ug/l	96
24) 1,1-Dichloroethane	5.915	63	22686	2.639	ug/l	95
25) 2-Butanone	6.896	43	18881	12.833	ug/l	# 82
26) 2,2-Dichloropropane	6.884	77	21760	2.806	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	14605	2.636	ug/l	91
28) Bromochloromethane	7.244	49	9393	2.597	ug/l	89
29) Tetrahydrofuran	7.268	42	12811	14.321	ug/l	90
30) Chloroform	7.421	83	25737	2.932	ug/l	99
31) Cyclohexane	7.701	56	24424	3.143	ug/l	# 70
32) 1,1,1-Trichloroethane	7.616	97	21463	2.728	ug/l	97
36) 1,1-Dichloropropene	7.829	75	14725	2.310	ug/l	96
37) Ethyl Acetate	6.982	43	8617	2.639	ug/l	98
38) Carbon Tetrachloride	7.817	117	17532	2.439	ug/l	94
39) Methylcyclohexane	9.109	83	16444	1.939	ug/l	96
40) Benzene	8.079	78	47462	2.418	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	4444m	2.334	ug/l	
42) 1,2-Dichloroethane	8.152	62	14500	2.745	ug/l	95
43) Isopropyl Acetate	8.201	43	18107	2.639	ug/l	92
44) Trichloroethene	8.859	130	11666	2.311	ug/l	97
45) 1,2-Dichloropropane	9.140	63	12446	2.593	ug/l	97
46) Dibromomethane	9.231	93	6798	2.590	ug/l	93
47) Bromodichloromethane	9.426	83	19569	2.774	ug/l	95
48) Methyl methacrylate	9.225	41	7380	2.278	ug/l #	84
49) 1,4-Dioxane	9.231	88	1663	53.826	ug/l #	91
51) 4-Methyl-2-Pentanone	9.999	43	47494	13.760	ug/l	93
52) Toluene	10.170	92	30885	2.446	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	17230	2.562	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	19773	2.525	ug/l #	88
55) 1,1,2-Trichloroethane	10.572	97	10285	2.838	ug/l	96
56) Ethyl methacrylate	10.444	69	14355	2.607	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	15650	2.512	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.713	63	36706	14.365	ug/l	98
59) 2-Hexanone	10.761	43	33043	13.058	ug/l	89
60) Dibromochloromethane	10.914	129	12888	2.688	ug/l	99
61) 1,2-Dibromoethane	11.017	107	8797	2.605	ug/l	98
64) Tetrachloroethene	10.646	164	10402	2.438	ug/l	94
65) Chlorobenzene	11.444	112	35233	2.600	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	13064	2.784	ug/l	98
67) Ethyl Benzene	11.523	91	61205	2.542	ug/l	99
68) m/p-Xylenes	11.633	106	46828	5.143	ug/l	96
69) o-Xylene	11.956	106	23045	2.588	ug/l	94
70) Styrene	11.969	104	38667	2.572	ug/l	96
71) Bromoform	12.133	173	7346	2.741	ug/l #	97
73) Isopropylbenzene	12.255	105	60233	2.661	ug/l	100
74) N-amyl acetate	12.072	43	16707	2.714	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.511	83	12024	2.993	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	7896m	2.700	ug/l	
77) Bromobenzene	12.529	156	14057	2.800	ug/l	89
78) n-propylbenzene	12.596	91	72107	2.688	ug/l	99
79) 2-Chlorotoluene	12.682	91	42459	2.716	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	49518	2.691	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	3933m	2.582	ug/l	
82) 4-Chlorotoluene	12.779	91	43439	2.702	ug/l	97
83) tert-Butylbenzene	12.999	119	46313	2.780	ug/l	93
84) 1,2,4-Trimethylbenzene	13.048	105	50412	2.768	ug/l	96
85) sec-Butylbenzene	13.176	105	67010	2.769	ug/l	97
86) p-Isopropyltoluene	13.291	119	55341	2.795	ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	27749	2.845	ug/l	97
88) 1,4-Dichlorobenzene	13.291	146	27749	2.866	ug/l	96
89) n-Butylbenzene	13.621	91	51948	2.744	ug/l	98
90) Hexachloroethane	13.877	117	11655	2.829	ug/l	88
91) 1,2-Dichlorobenzene	13.663	146	24736	2.842	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1976	2.951	ug/l	72
93) 1,2,4-Trichlorobenzene	14.919	180	13288	2.510	ug/l	95
94) Hexachlorobutadiene	15.023	225	7167	2.534	ug/l	96
95) Naphthalene	15.145	128	28609	2.698	ug/l	97
96) 1,2,3-Trichlorobenzene	15.328	180	11412	2.520	ug/l	93

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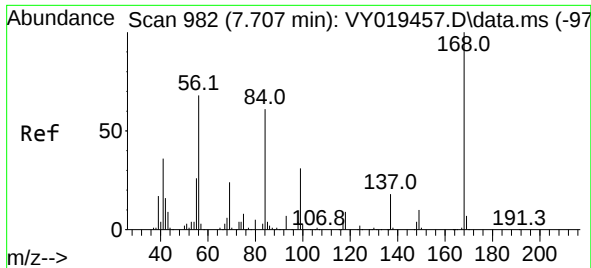
Manual Integrations
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Quant Title : SW846 8260
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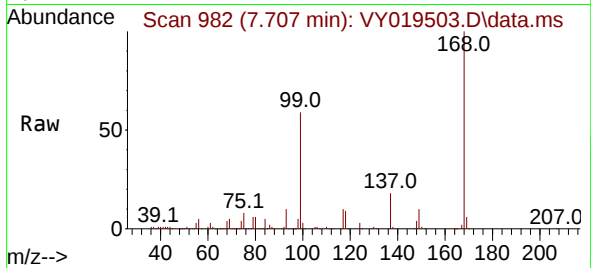
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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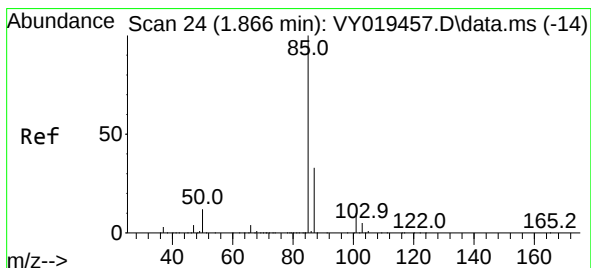
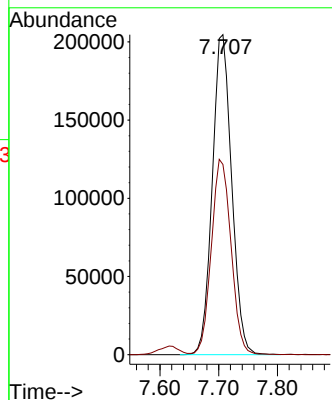
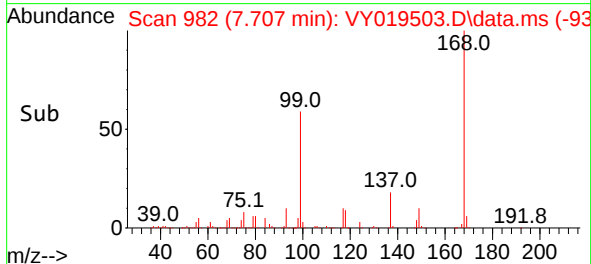
Instrument :
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Tgt Ion:168 Resp: 468940
Ion Ratio Lower Upper
168 100
99 59.4 39.1 58.7

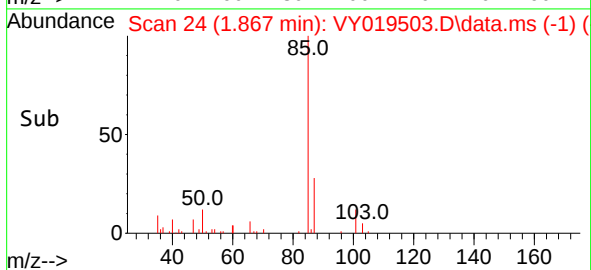
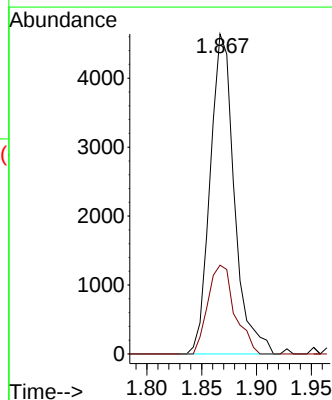
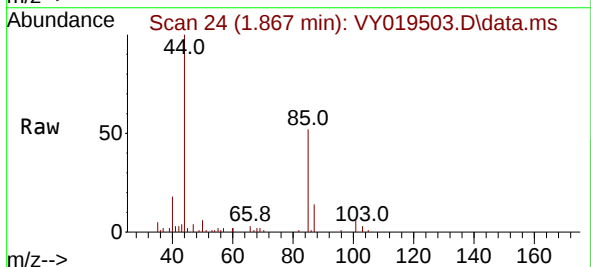
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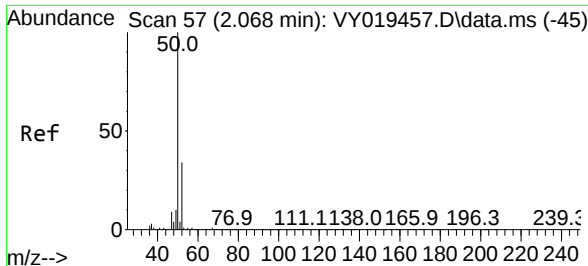
Reviewed By :Mahesh Dadoda 09/12/2024
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#2
Dichlorodifluoromethane
Concen: 2.405 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

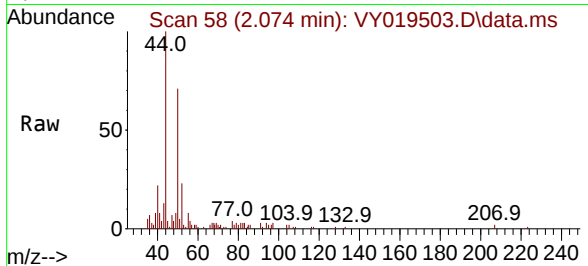
Tgt Ion: 85 Resp: 7130
Ion Ratio Lower Upper
85 100
87 27.8 16.0 48.0





#3
Chloromethane
Concen: 1.995 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

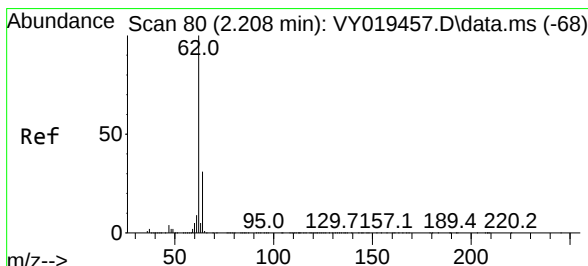
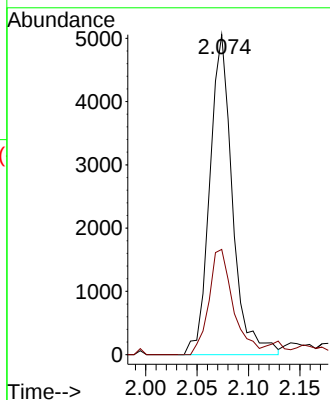
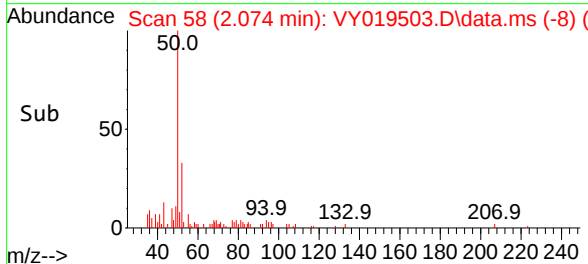
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Tgt Ion: 50 Resp: 774
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4

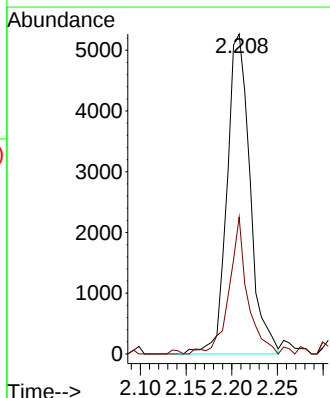
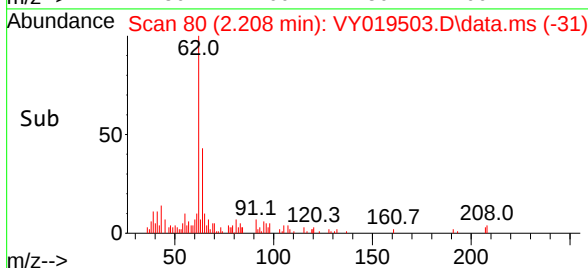
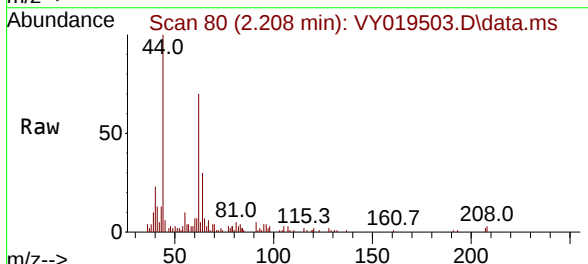
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#4
Vinyl Chloride
Concen: 2.205 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

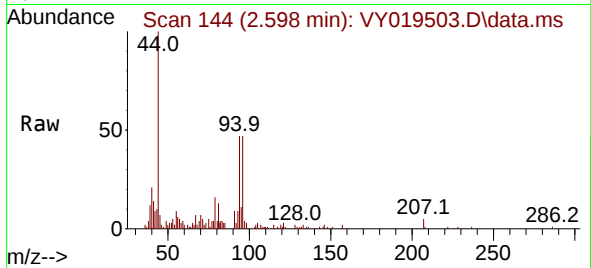
Tgt Ion: 62 Resp: 9250
Ion Ratio Lower Upper
62 100
64 42.8 26.1 39.1#





#5
Bromomethane
Concen: 2.743 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

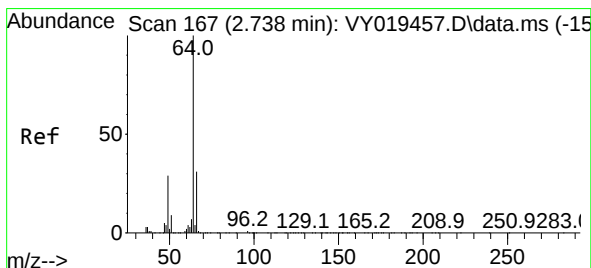
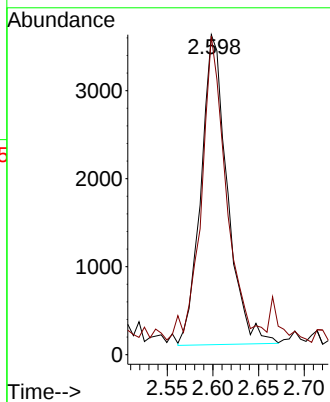
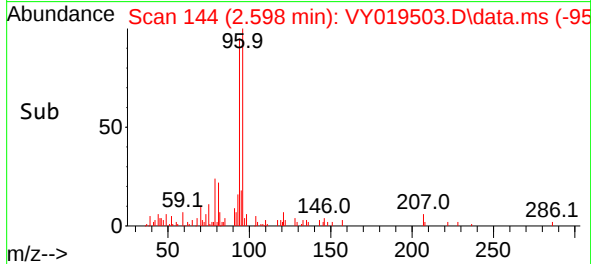
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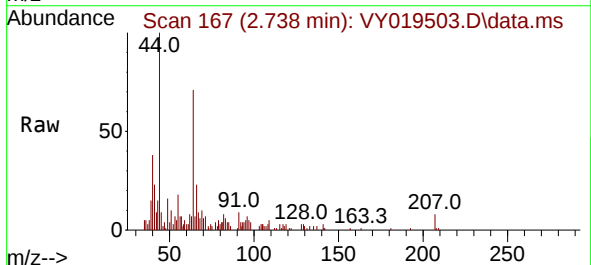
Tgt Ion: 94 Resp: 7070
Ion Ratio Lower Upper
94 100
96 94.0 74.1 111.1

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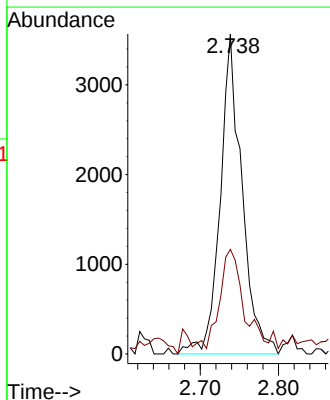
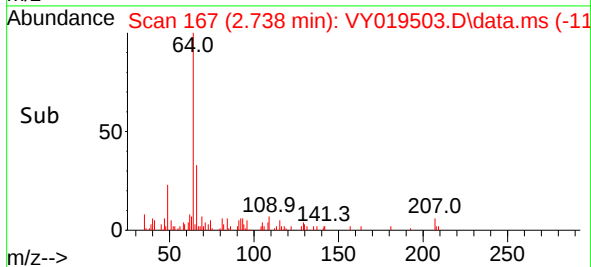
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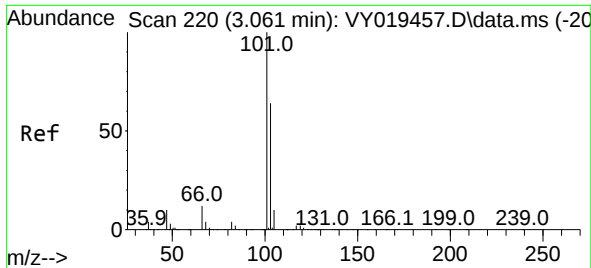


#6
Chloroethane
Concen: 2.511 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019503.D
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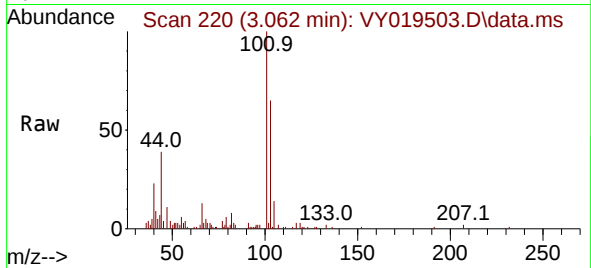
Tgt Ion: 64 Resp: 6886
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1





#7
Trichlorofluoromethane
Concen: 2.479 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019503.D
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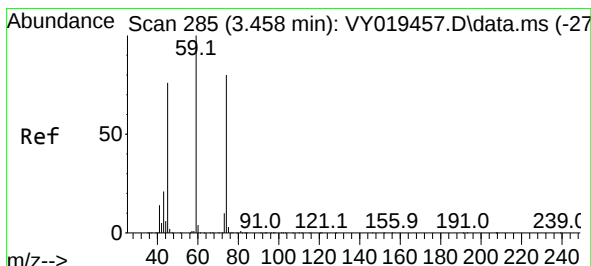
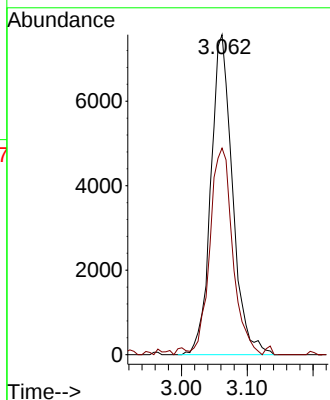
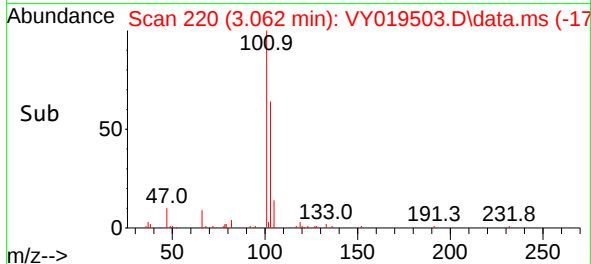
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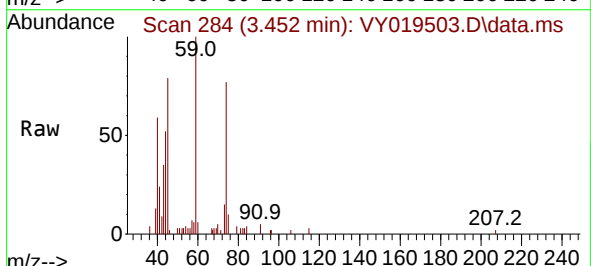
Tgt Ion:101 Resp: 17339
Ion Ratio Lower Upper
101 100
103 64.5 49.3 73.9

Manual Integrations
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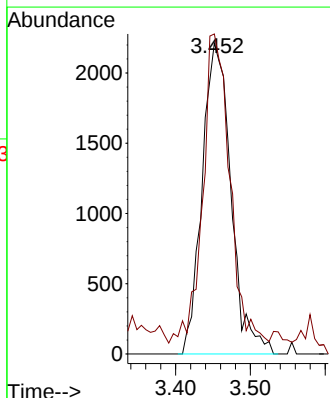
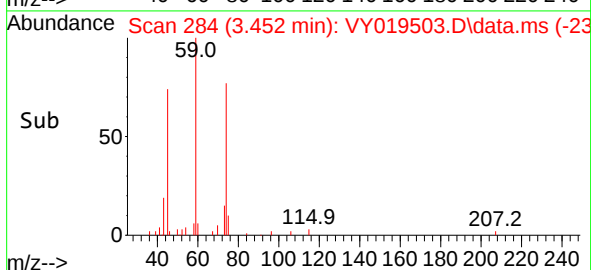
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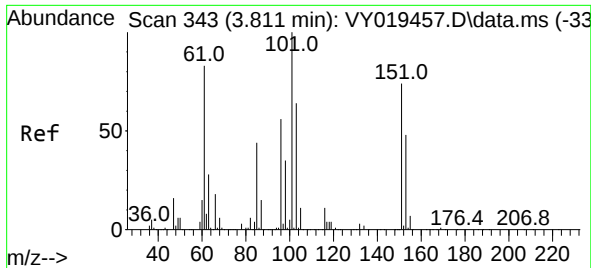


#8
Diethyl Ether
Concen: 2.529 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.006 min
Lab File: VY019503.D
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Tgt Ion: 74 Resp: 5938
Ion Ratio Lower Upper
74 100
45 96.2 41.3 124.1





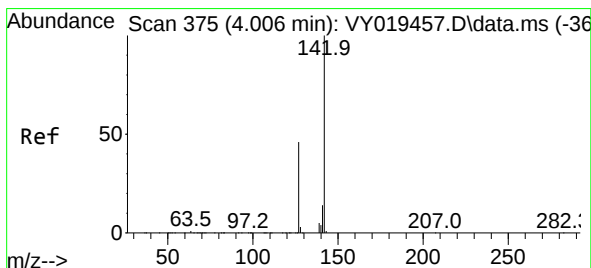
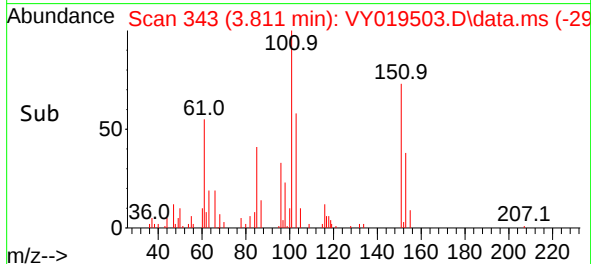
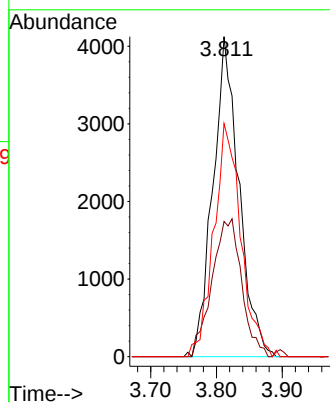
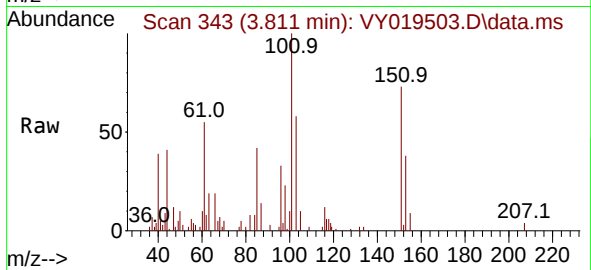
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.620 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

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

Tgt Ion:101 Resp: 11330
Ion Ratio Lower Upper
101 100
85 49.0 34.5 51.7
151 75.8 61.7 92.5

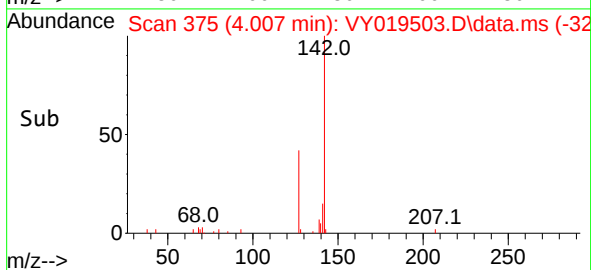
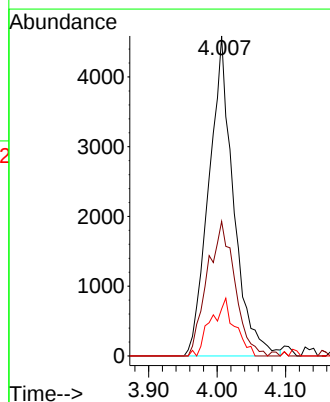
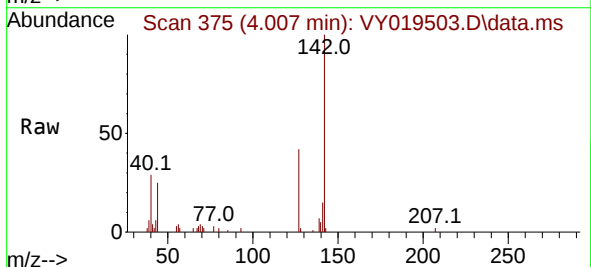
Manual Integrations
APPROVED

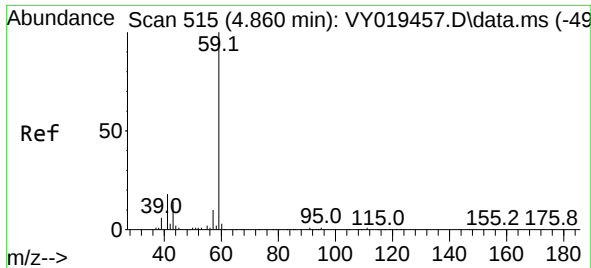
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#10
Methyl Iodide
Concen: 2.065 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

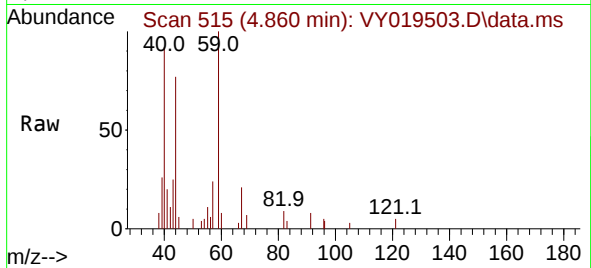
Tgt Ion:142 Resp: 11454
Ion Ratio Lower Upper
142 100
127 47.0 32.8 49.2
141 17.6 11.4 17.2#





#11
Tert butyl alcohol
Concen: 16.460 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

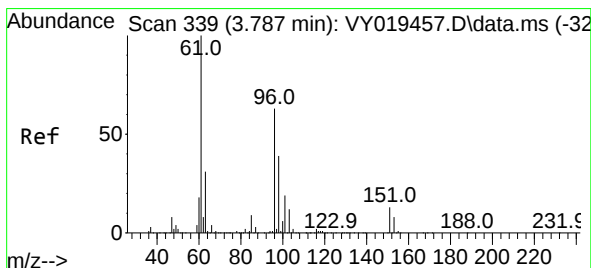
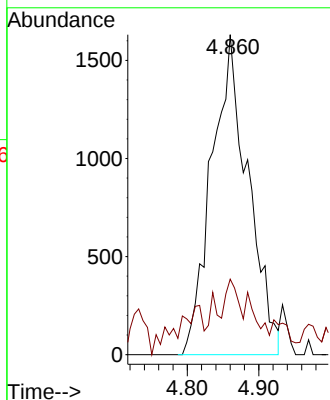
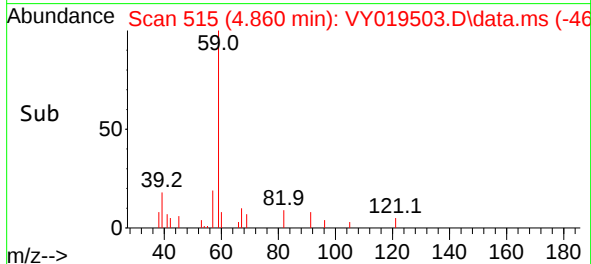
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



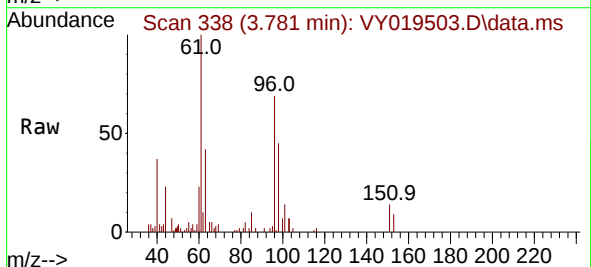
Tgt Ion: 59 Resp: 5772
Ion Ratio Lower Upper
59 100
57 3.8 3.0 4.6

Manual Integrations
APPROVED

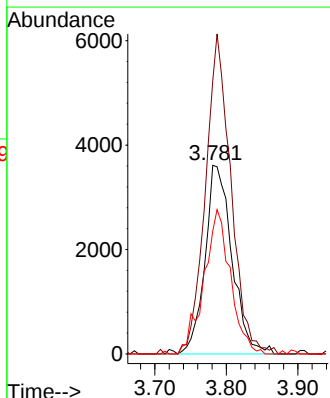
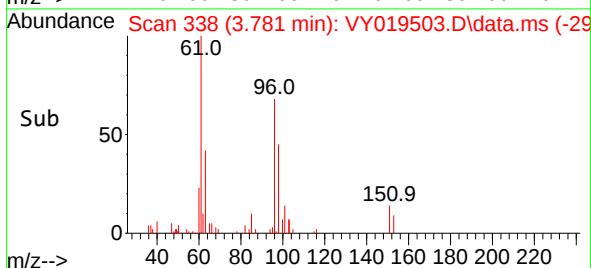
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

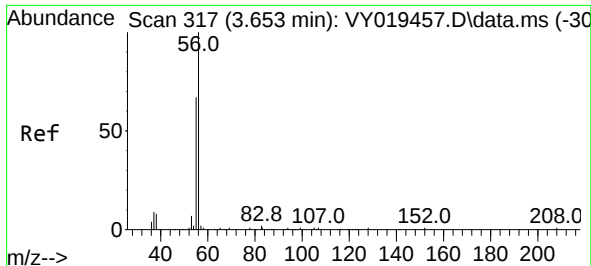


#12
1,1-Dichloroethene
Concen: 2.275 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52



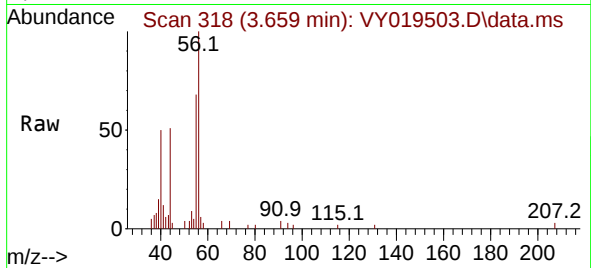
Tgt Ion: 96 Resp: 9464
Ion Ratio Lower Upper
96 100
61 144.7 114.6 171.8
98 65.2 50.8 76.2





#13
Acrolein
Concen: 38.550 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

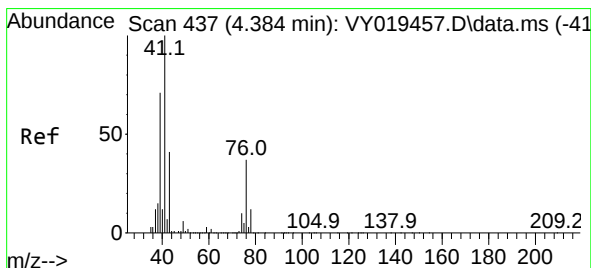
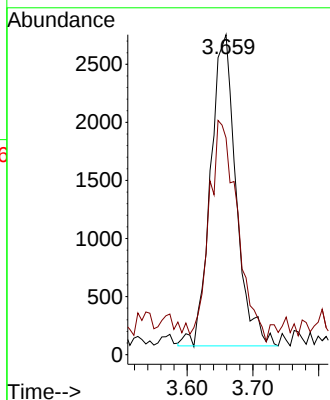
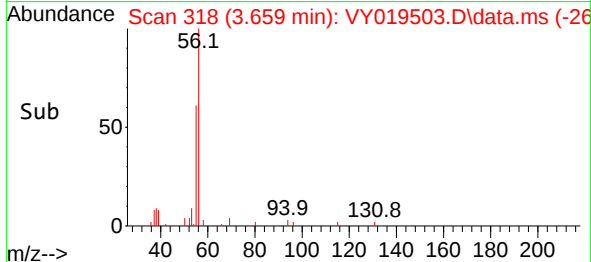
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 56 Resp: 7249
Ion Ratio Lower Upper
56 100
55 78.8 55.7 83.5

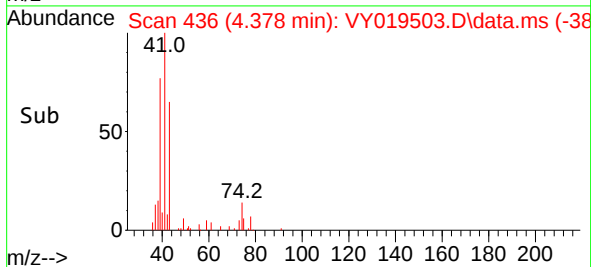
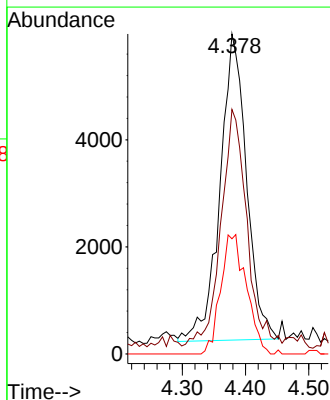
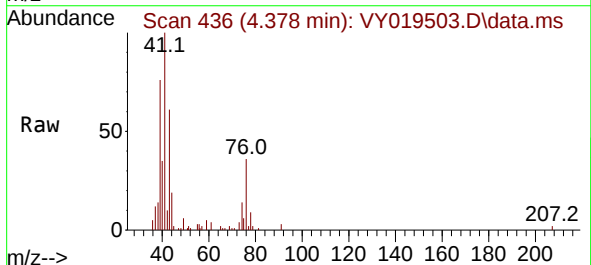
Manual Integrations
APPROVED

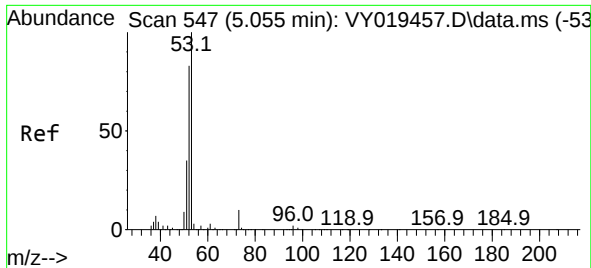
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#14
Allyl chloride
Concen: 2.234 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

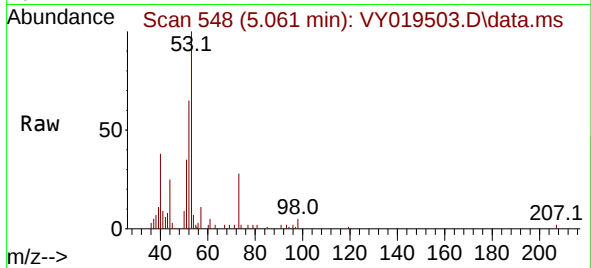
Tgt Ion: 41 Resp: 16666
Ion Ratio Lower Upper
41 100
39 76.2 58.3 87.5
76 37.9 39.0 58.6





#15
Acrylonitrile
Concen: 15.441 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

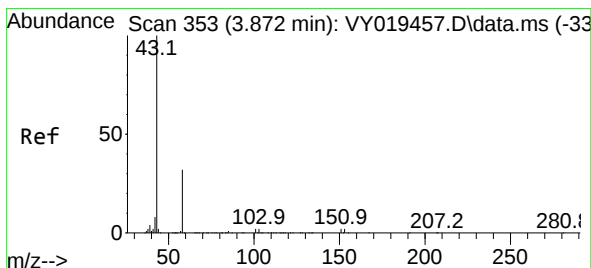
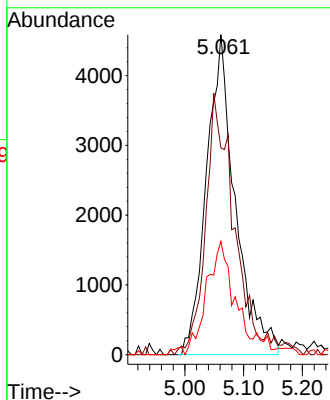
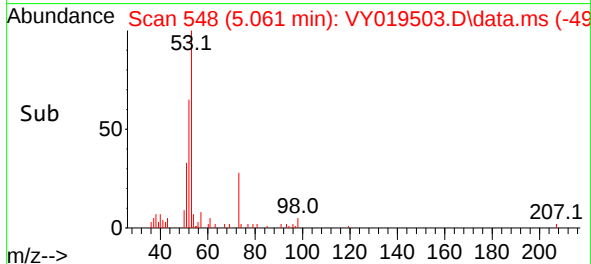
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 53 Resp: 15630
Ion Ratio Lower Upper
53 100
52 78.7 64.7 97.1
51 33.6 28.4 42.6

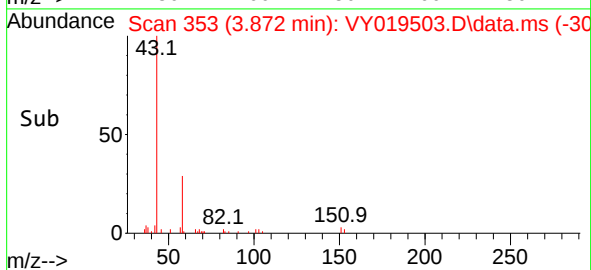
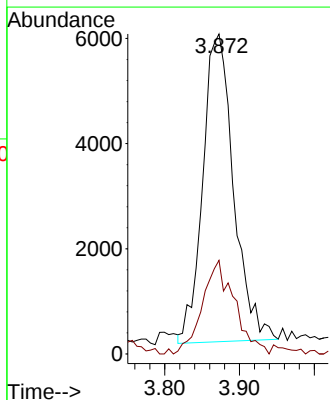
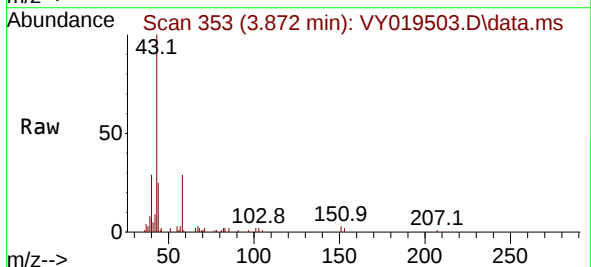
Manual Integrations
APPROVED

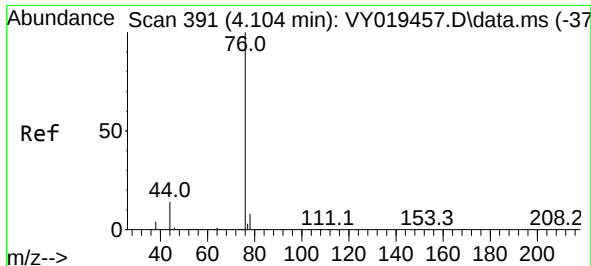
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#16
Acetone
Concen: 16.228 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

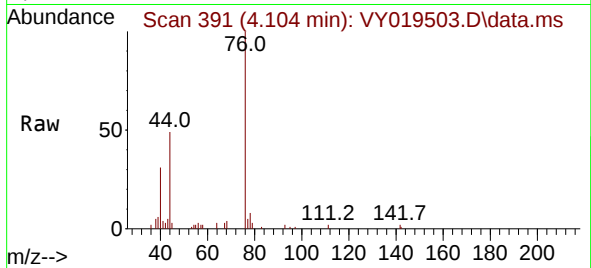
Tgt Ion: 43 Resp: 16788
Ion Ratio Lower Upper
43 100
58 29.7 31.7 47.5#





#17
Carbon Disulfide
Concen: 1.151 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

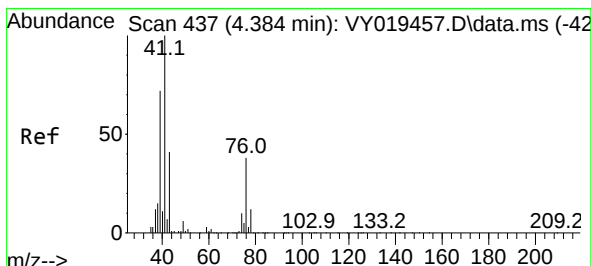
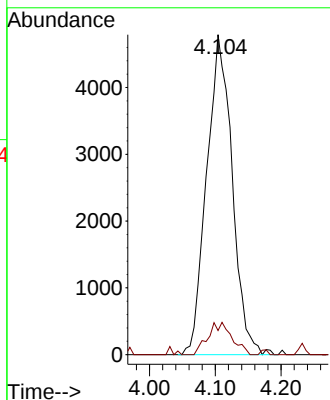
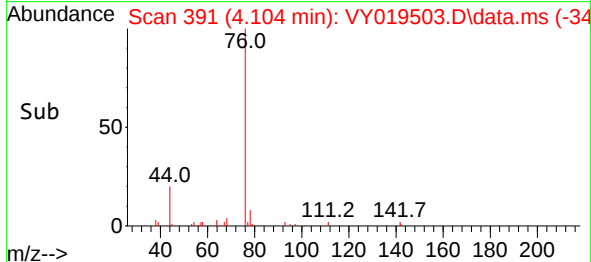
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 76 Resp: 12936
Ion Ratio Lower Upper
76 100
78 7.5 6.8 10.2

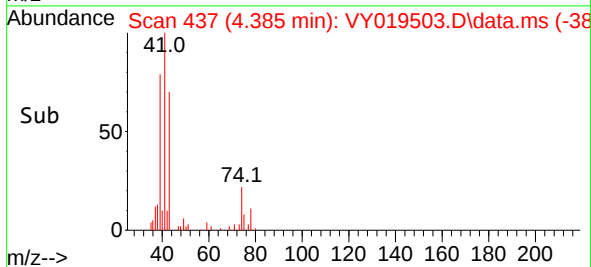
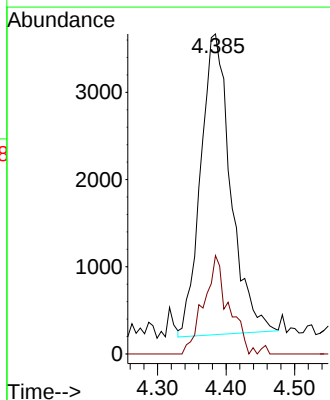
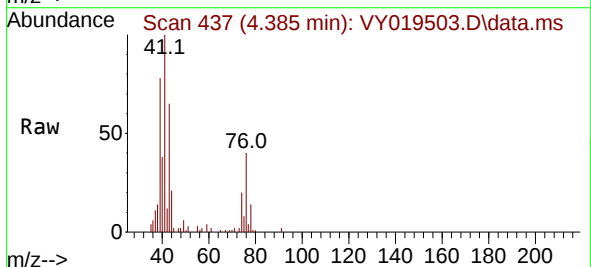
Manual Integrations
APPROVED

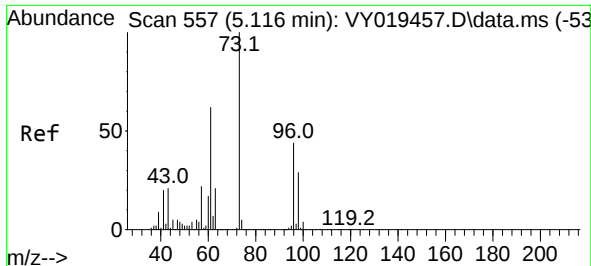
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#18
Methyl Acetate
Concen: 3.744 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

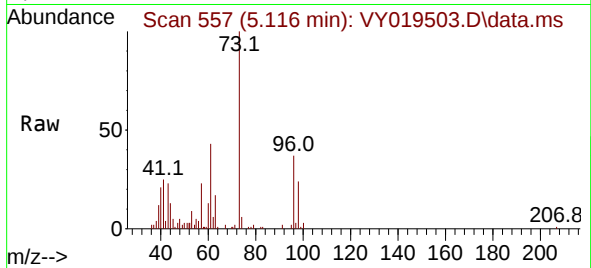
Tgt Ion: 43 Resp: 10511
Ion Ratio Lower Upper
43 100
74 27.0 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 2.782 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

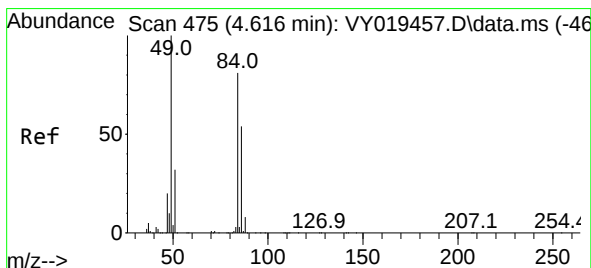
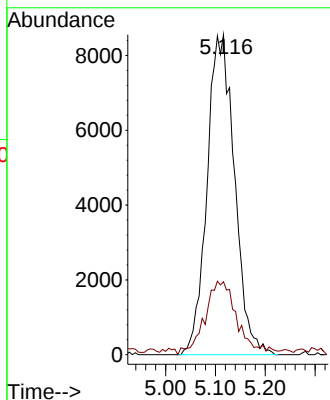
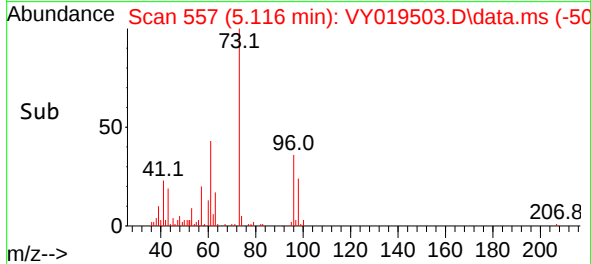
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



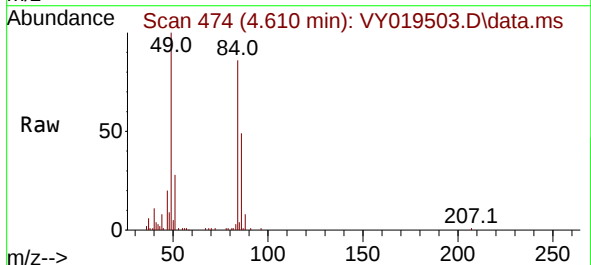
Tgt Ion: 73 Resp: 3278
Ion Ratio Lower Upper
73 100
57 22.8 17.3 25.9

Manual Integrations
APPROVED

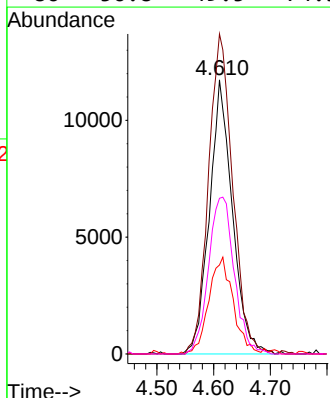
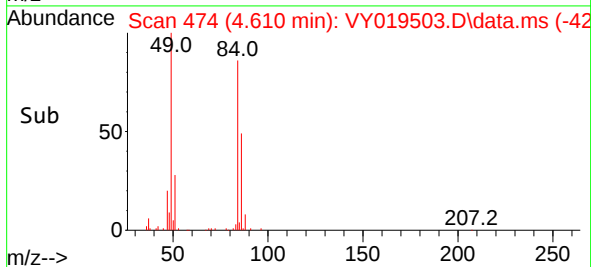
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

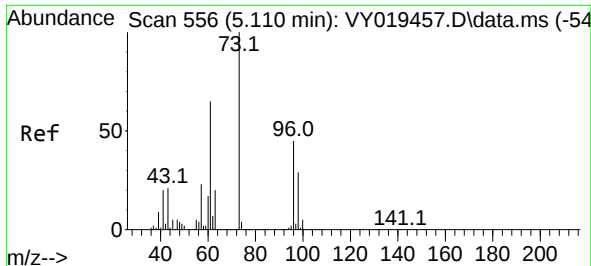


#20
Methylene Chloride
Concen: 7.011 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52



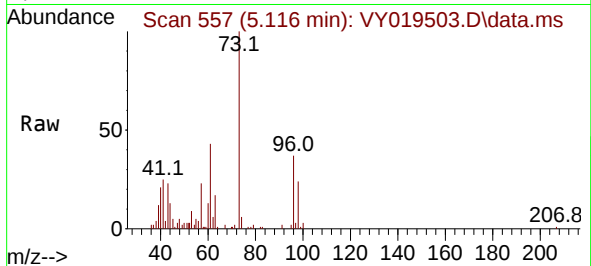
Tgt Ion: 84 Resp: 33077
Ion Ratio Lower Upper
84 100
49 116.8 84.4 126.6
51 32.5 26.0 39.0
86 56.8 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 2.246 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

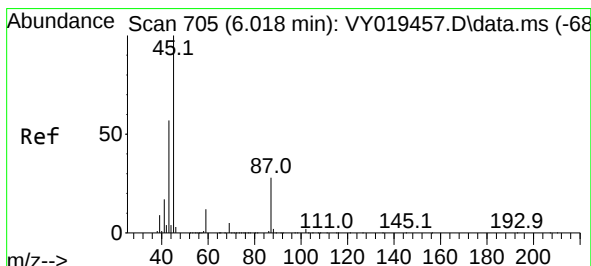
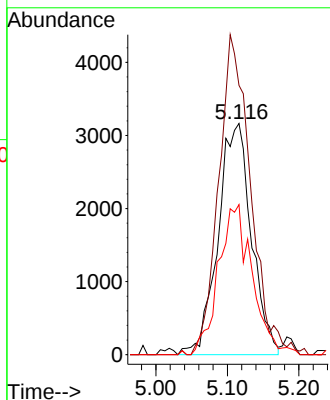
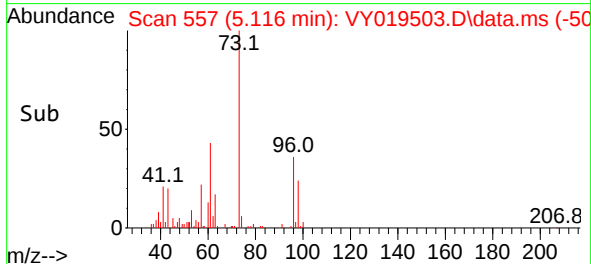
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 96 Resp: 1024
Ion Ratio Lower Upper
96 100
61 116.4 97.5 146.3
98 64.9 50.5 75.7

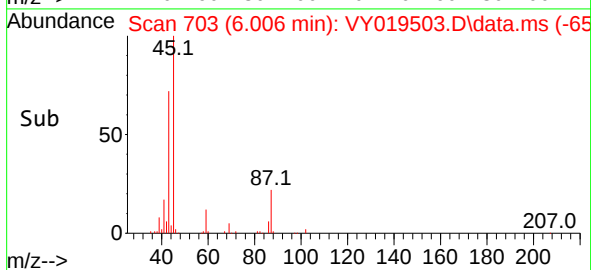
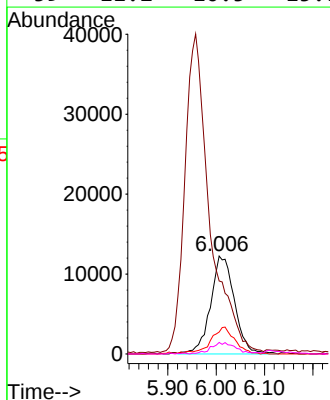
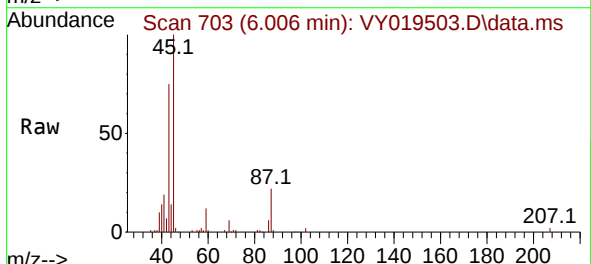
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#22
Diisopropyl ether
Concen: 2.750 ug/l
RT: 6.006 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

Tgt Ion: 45 Resp: 42142
Ion Ratio Lower Upper
45 100
43 70.7 42.2 63.2#
87 22.4 25.0 37.6#
59 11.2 10.5 15.7





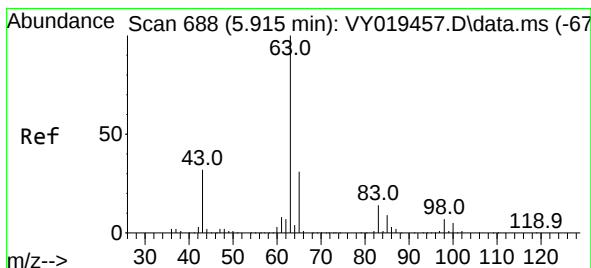
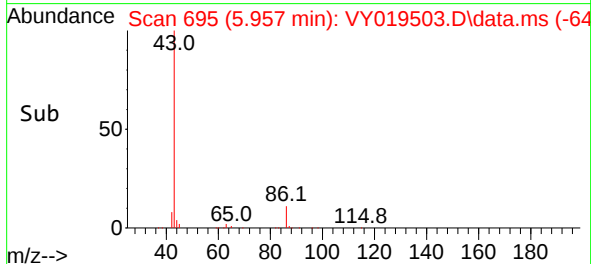
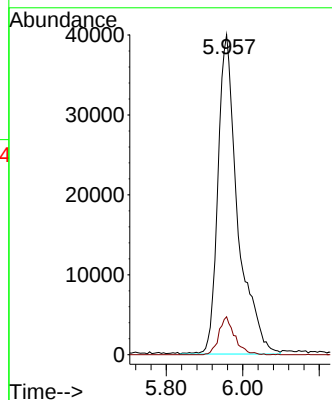
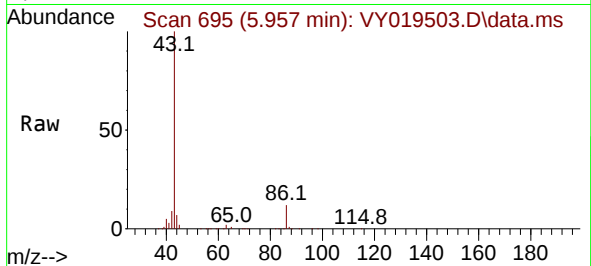
#23
 Vinyl Acetate
 Concen: 16.399 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019503.D
 Acq: 11 Sep 2024 11:52

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

Tgt Ion: 43 Resp: 14351
 Ion Ratio Lower Upper
 43 100
 86 11.9 10.6 16.0

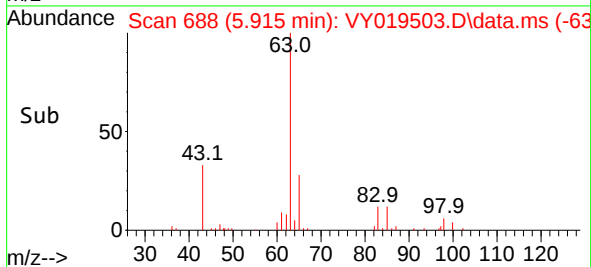
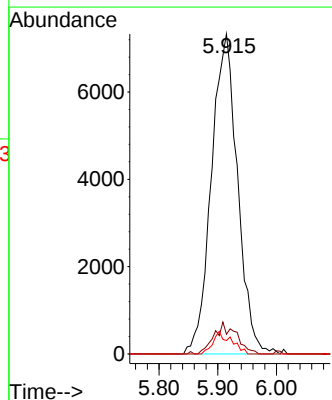
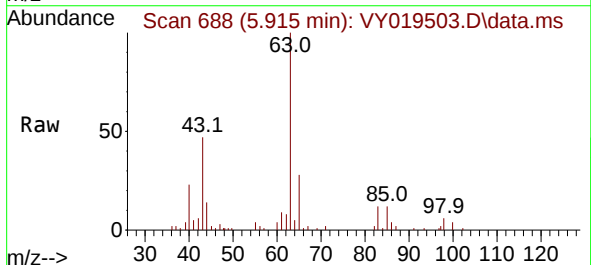
Manual Integrations
 APPROVED

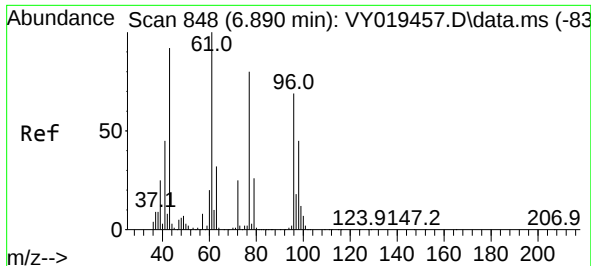
Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024



#24
 1,1-Dichloroethane
 Concen: 2.639 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019503.D
 Acq: 11 Sep 2024 11:52

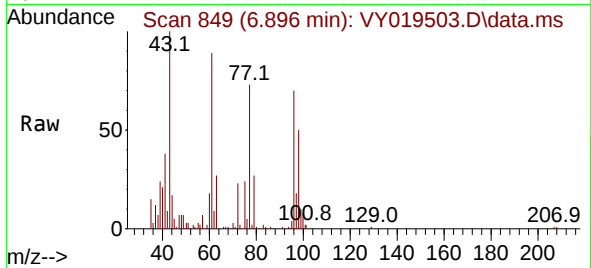
Tgt Ion: 63 Resp: 22686
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.0 12.2
 100 4.2 2.6 8.0





#25
2-Butanone
Concen: 12.833 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

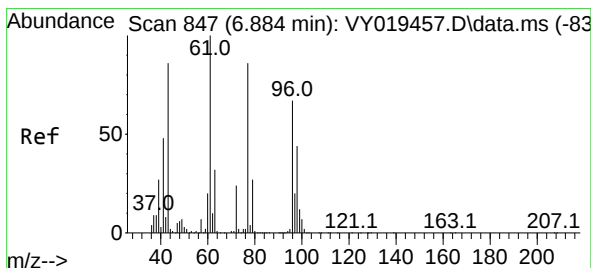
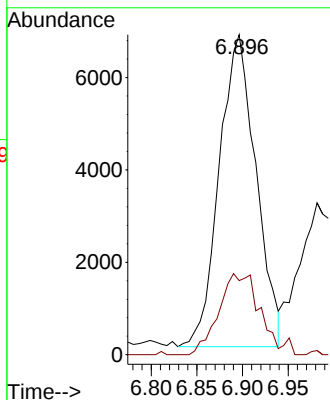
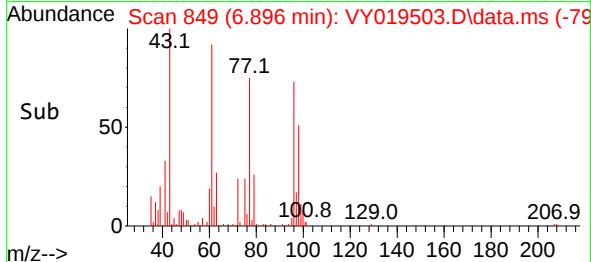
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



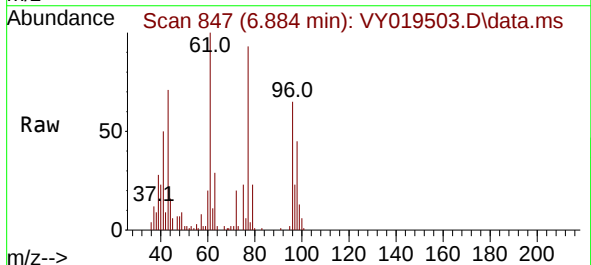
Tgt Ion: 43 Resp: 1888
Ion Ratio Lower Upper
43 100
72 23.8 27.3 40.9

Manual Integrations
APPROVED

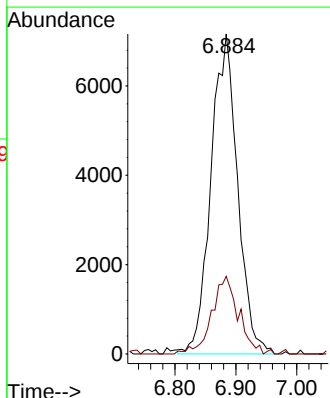
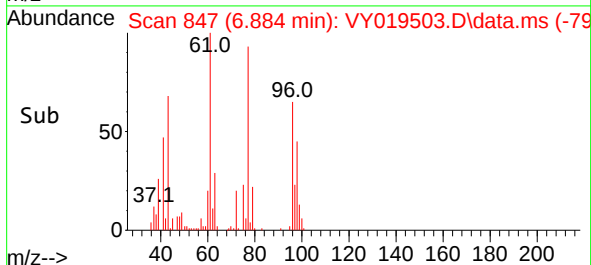
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

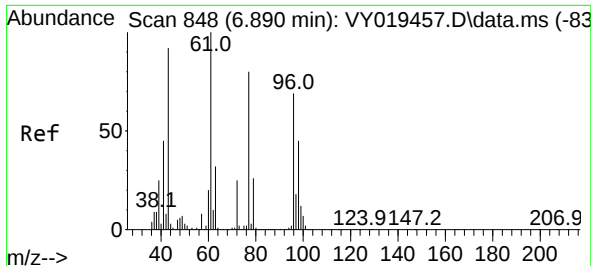


#26
2,2-Dichloropropane
Concen: 2.806 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52



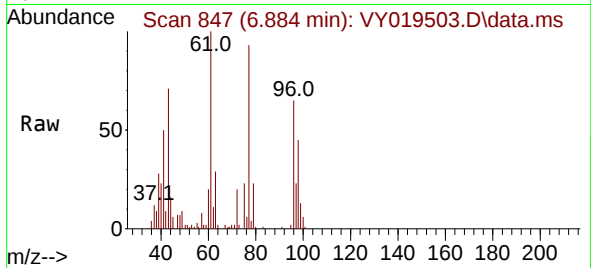
Tgt Ion: 77 Resp: 21760
Ion Ratio Lower Upper
77 100
97 24.3 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 2.636 ug/l
RT: 6.884 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

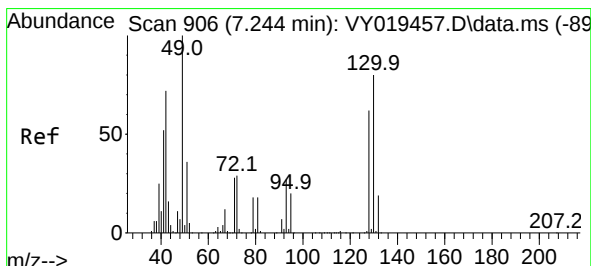
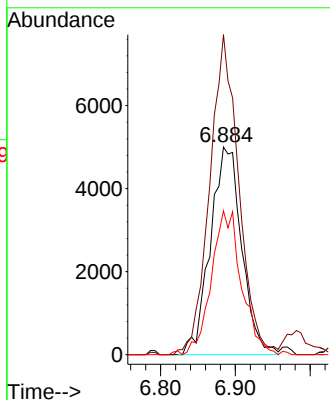
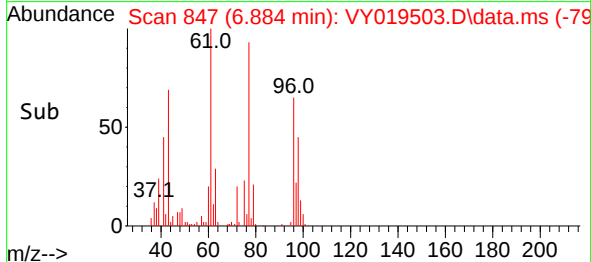
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 96 Resp: 1460
Ion Ratio Lower Upper
96 100
61 142.7 0.0 256.2
98 66.8 0.0 130.0

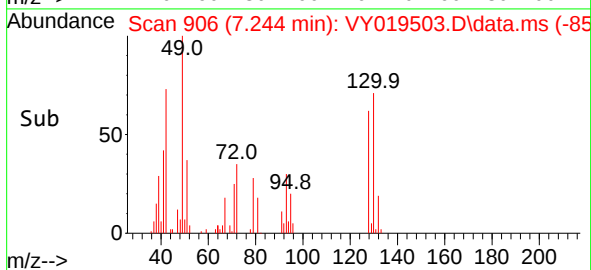
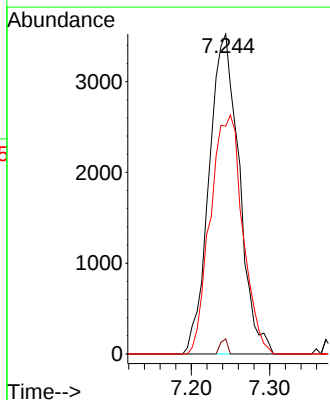
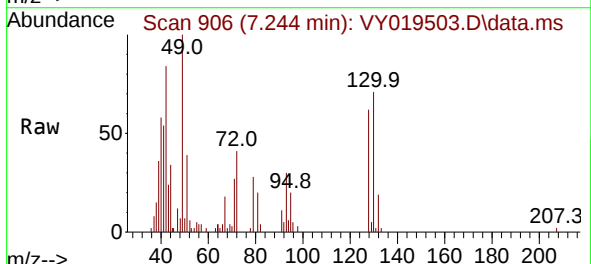
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#28
Bromochloromethane
Concen: 2.597 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

Tgt Ion: 49 Resp: 9393
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.6
130 80.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 14.321 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY019503.D

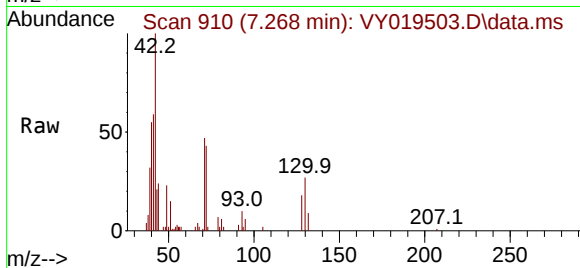
Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

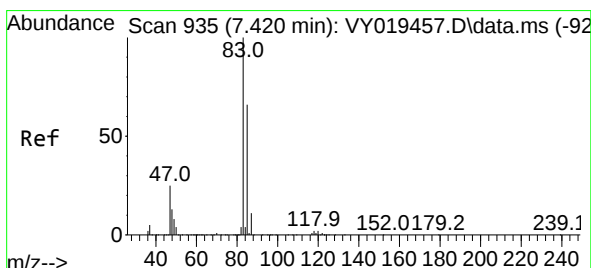
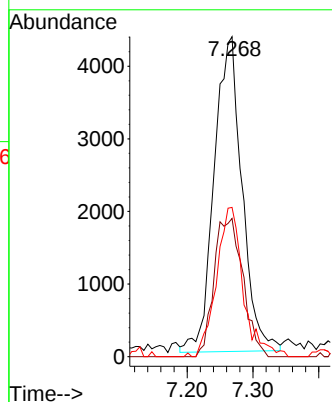
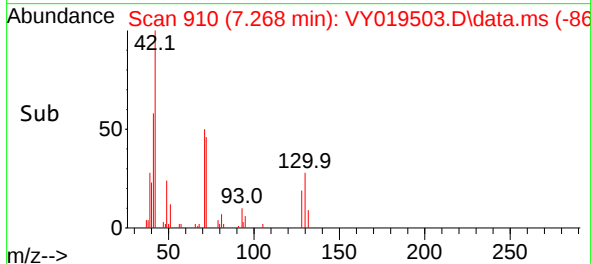


Tgt Ion: 42	Resp: 1281
Ion Ratio	Lower Upper
42	100
72	45.3 43.0 64.4
71	45.4 40.8 61.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#30

Chloroform

Concen: 2.932 ug/l

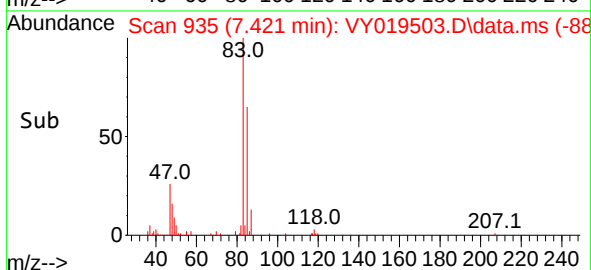
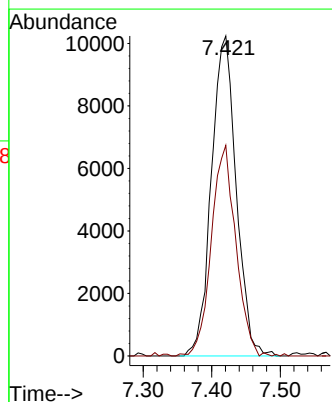
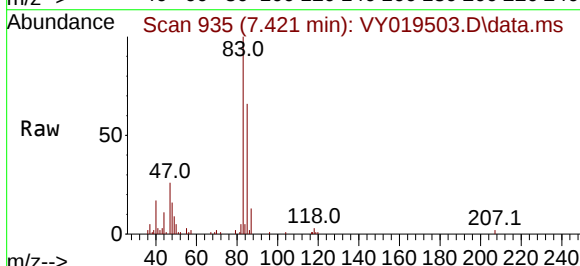
RT: 7.421 min Scan# 935

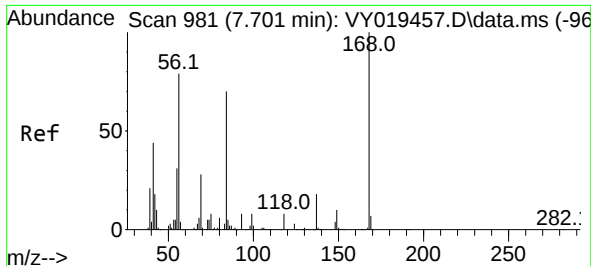
Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

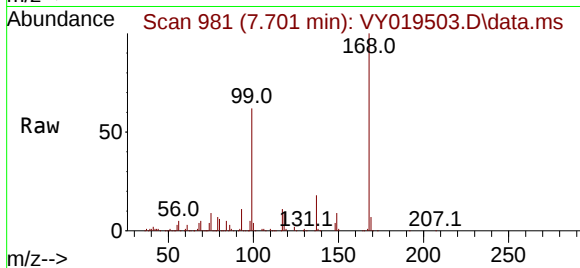
Tgt Ion: 83	Resp: 25737
Ion Ratio	Lower Upper
83	100
85	65.8 52.2 78.4





#31
Cyclohexane
Concen: 3.143 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

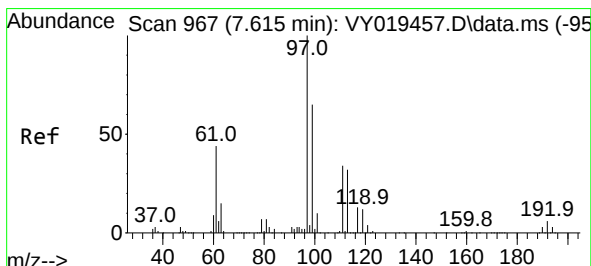
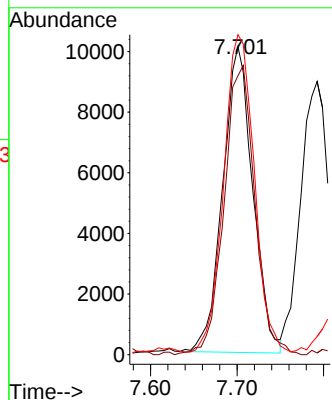
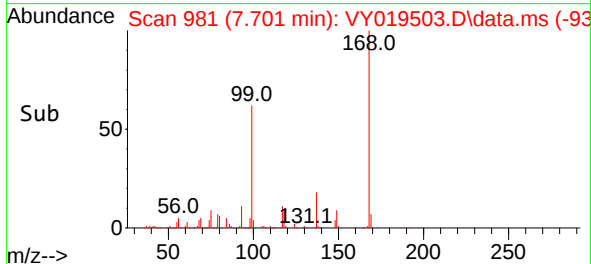
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



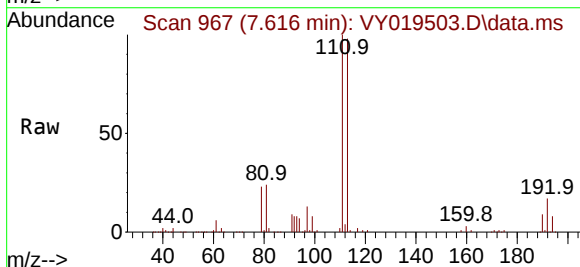
Tgt Ion: 56 Resp: 24424
Ion Ratio Lower Upper
56 100
69 91.0 28.7 43.1
84 103.8 77.7 116.5

Manual Integrations
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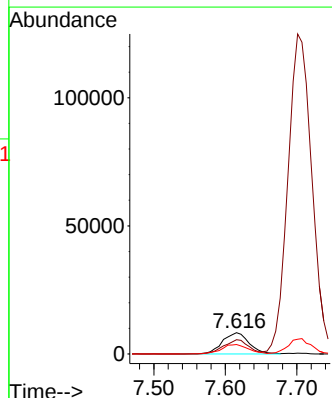
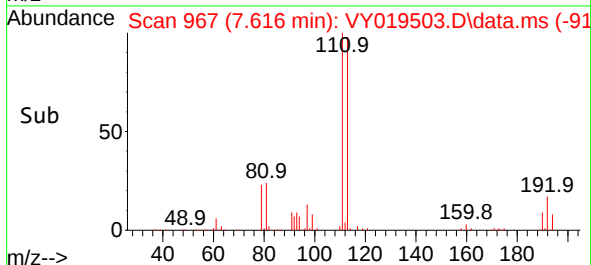
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#32
1,1,1-Trichloroethane
Concen: 2.728 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52



Tgt Ion: 97 Resp: 21463
Ion Ratio Lower Upper
97 100
99 63.0 50.3 75.5
61 44.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 60.335 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 65 Resp: 261994

Ion Ratio Lower Upper

65 100

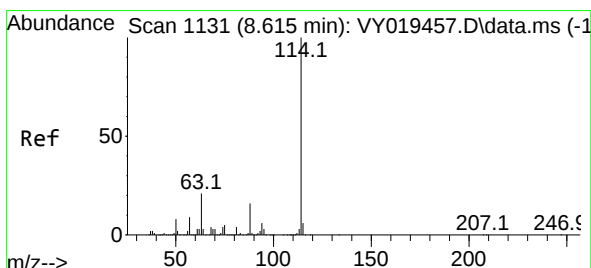
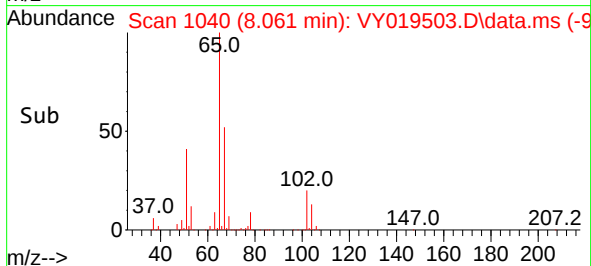
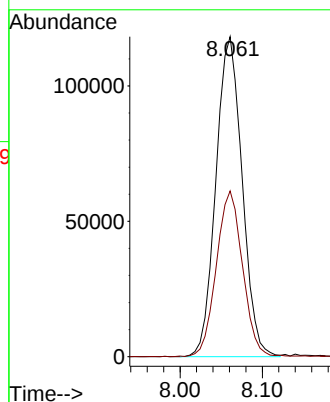
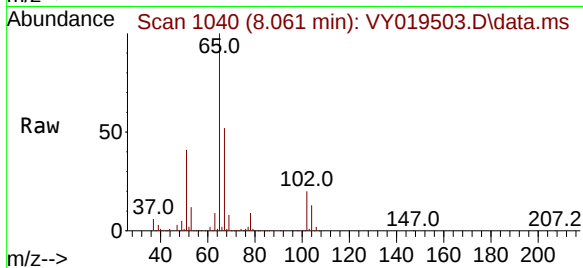
67 52.0 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024

Supervised By :Semsettin Yesilyurt 09/12/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

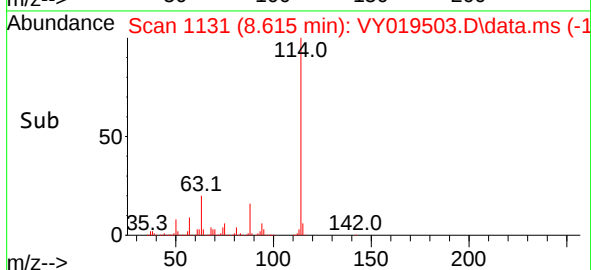
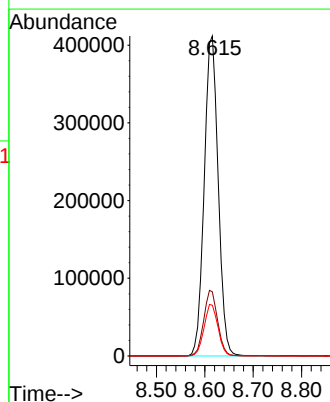
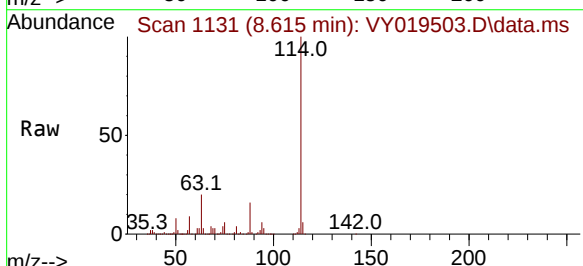
Tgt Ion:114 Resp: 826133

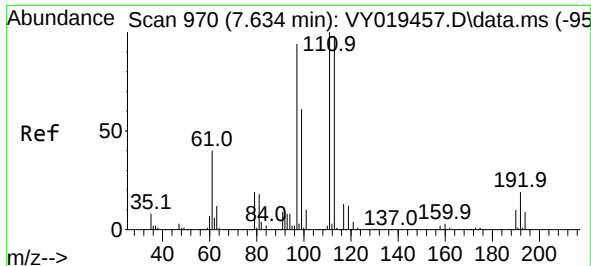
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

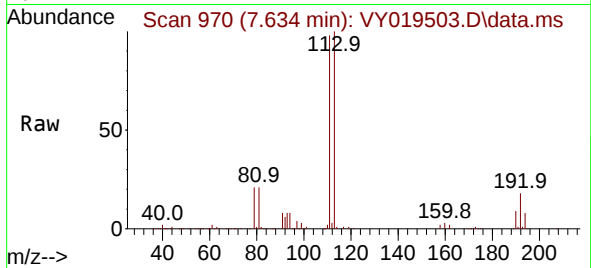
88 15.8 0.0 27.2





#35
Dibromofluoromethane
Concen: 55.198 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

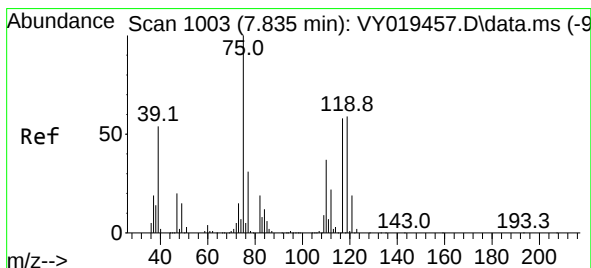
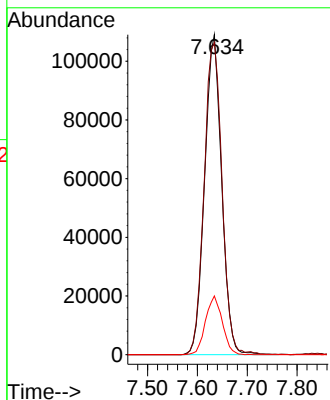
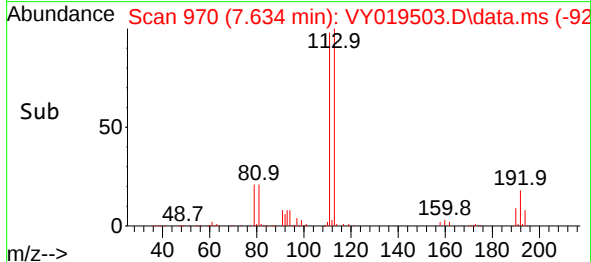
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:113 Resp: 258549
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.1 15.9 23.9

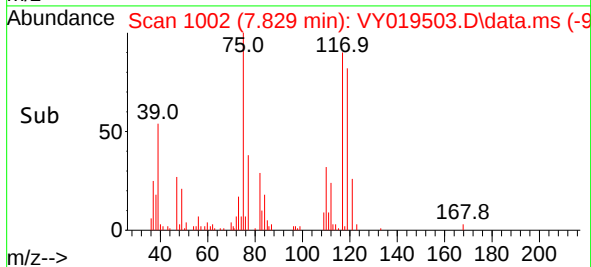
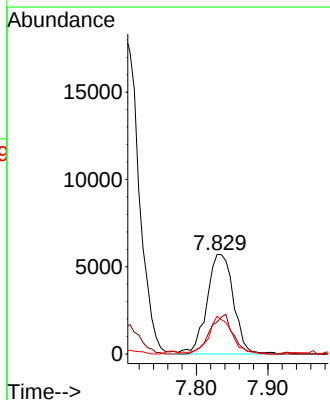
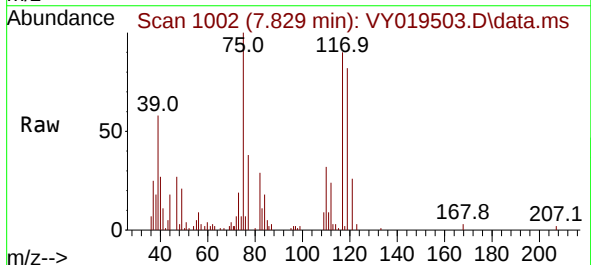
Manual Integrations
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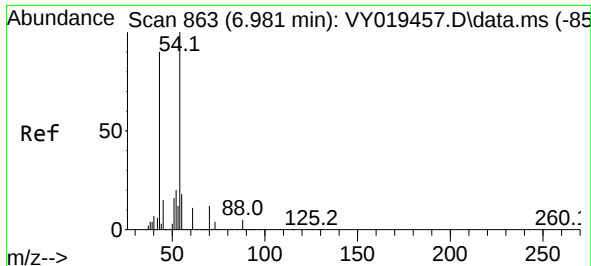
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#36
1,1-Dichloropropene
Concen: 2.310 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

Tgt Ion: 75 Resp: 14725
Ion Ratio Lower Upper
75 100
110 35.0 19.0 57.0
77 32.7 25.3 37.9





#37

Ethyl Acetate

Concen: 2.639 ug/l

RT: 6.982 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

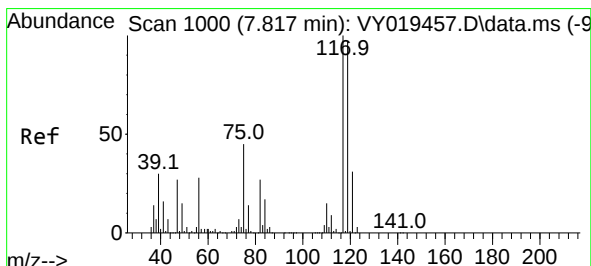
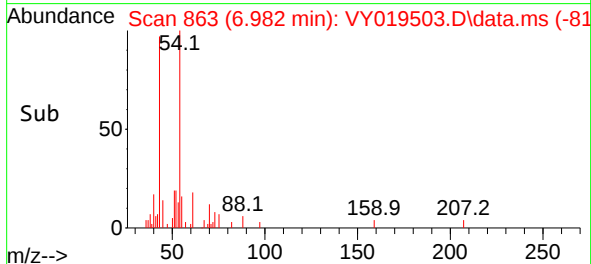
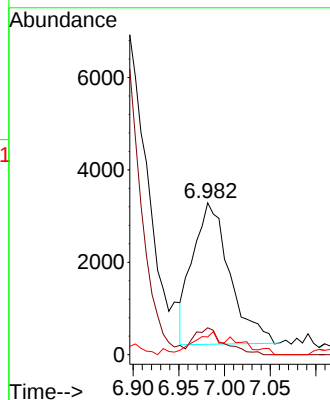
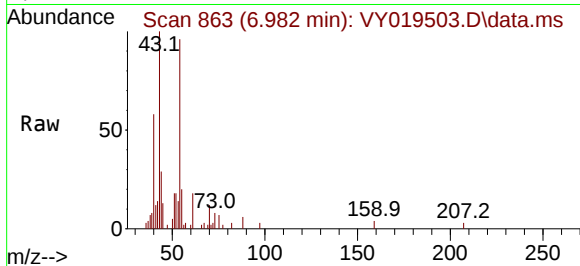
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	43	Resp:	861
Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.6	19.0
70	8.9	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#38

Carbon Tetrachloride

Concen: 2.439 ug/l

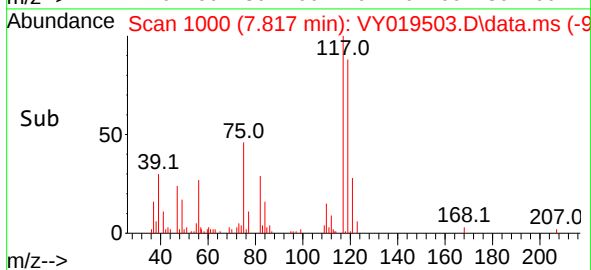
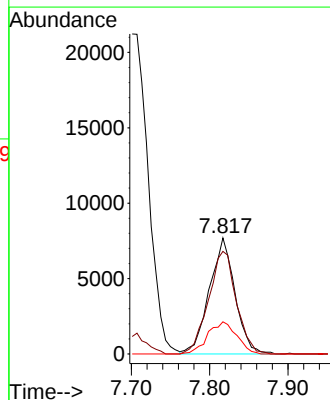
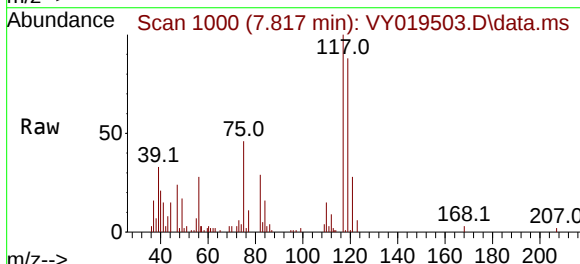
RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Tgt Ion:	117	Resp:	17532
Ion	Ratio	Lower	Upper
117	100		
119	88.4	75.8	113.6
121	27.7	24.0	36.0





#39

Methylcyclohexane

Concen: 1.939 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019503.D

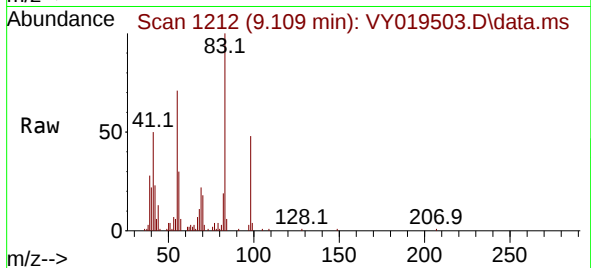
Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

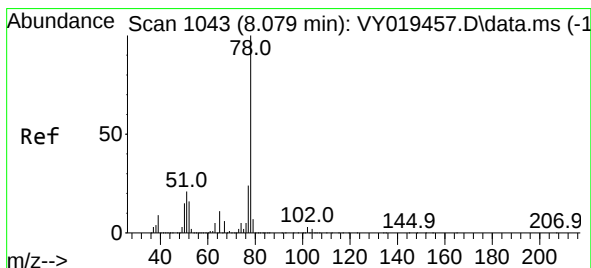
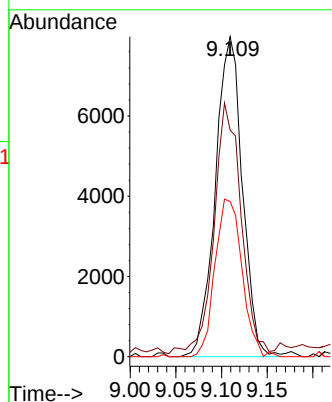
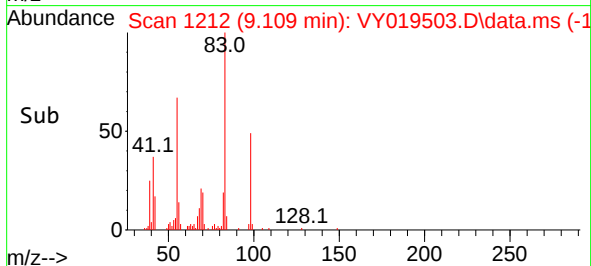


Tgt Ion:	83	Resp:	1644
Ion Ratio	Lower	Upper	
83	100		
55	68.3	51.5	77.3
98	48.5	40.5	60.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#40

Benzene

Concen: 2.418 ug/l

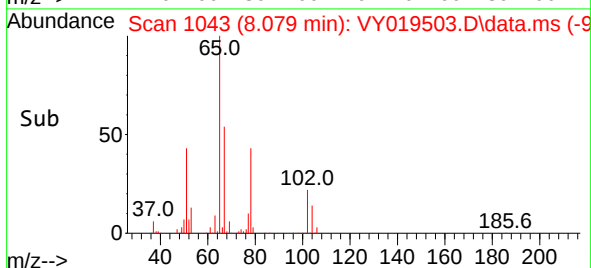
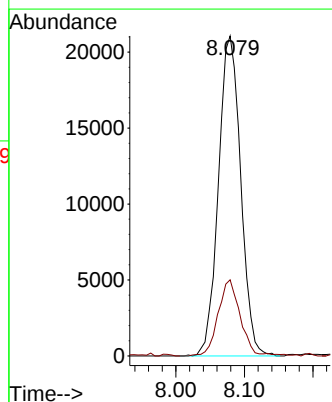
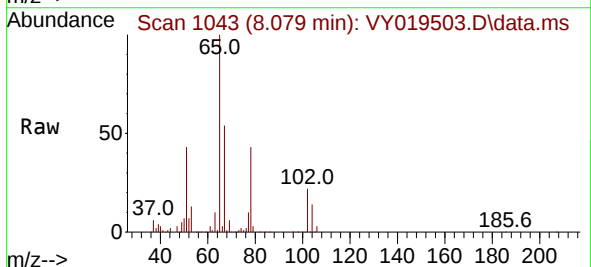
RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

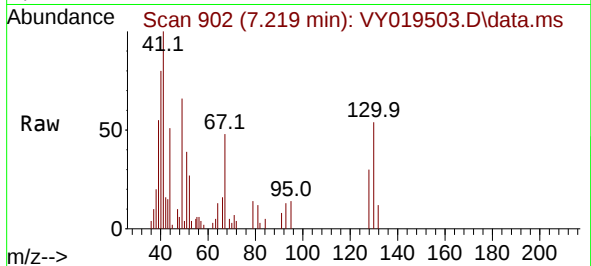
Tgt Ion:	78	Resp:	47462
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.5	29.3





#41
Methacrylonitrile
Concen: 2.334 ug/l m
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

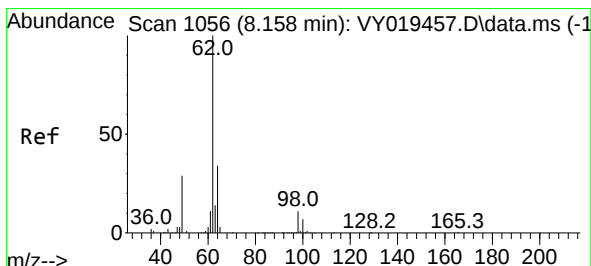
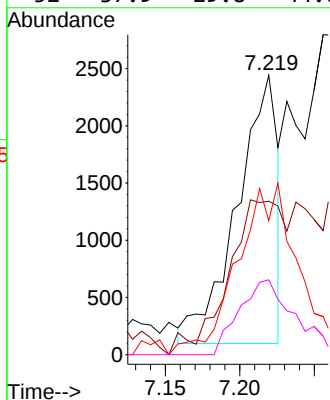
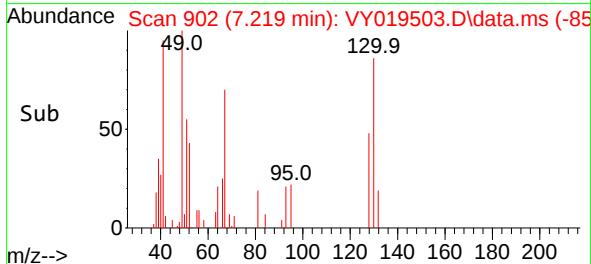
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 41 Resp: 444
Ion Ratio Lower Upper
41 100
39 80.6 48.0 72.0
67 97.9 75.1 112.7
52 37.9 29.8 44.6

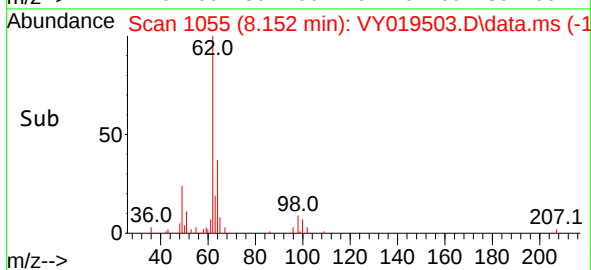
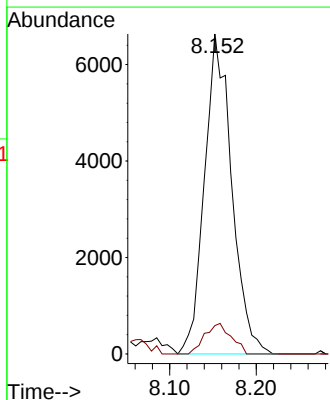
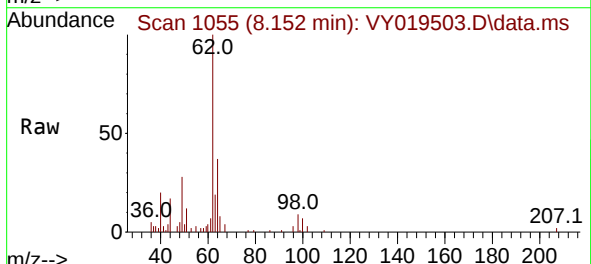
Manual Integrations
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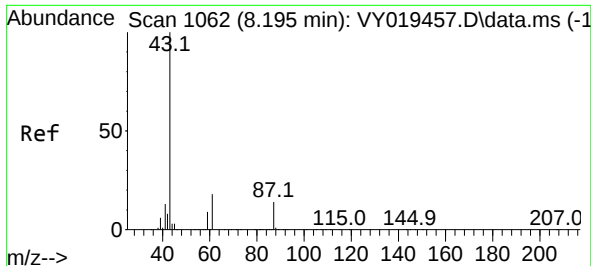
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#42
1,2-Dichloroethane
Concen: 2.745 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

Tgt Ion: 62 Resp: 14500
Ion Ratio Lower Upper
62 100
98 9.2 0.0 22.0





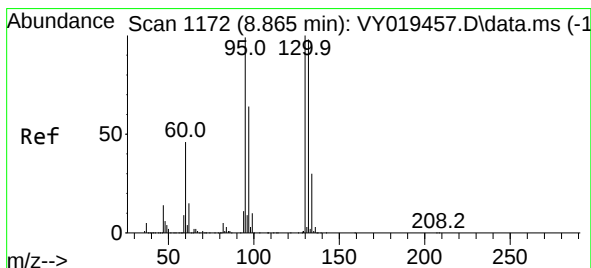
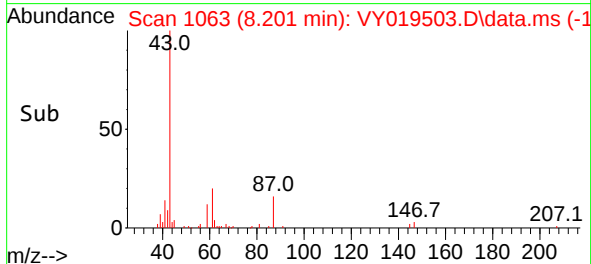
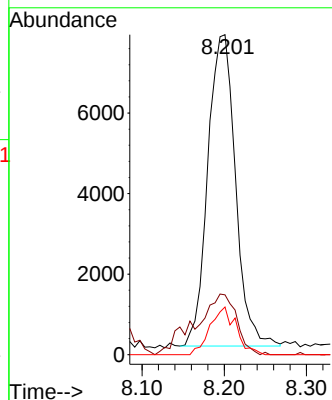
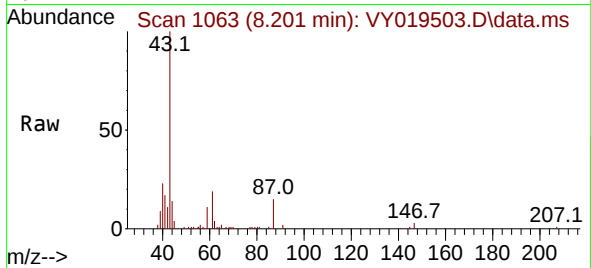
#43
Isopropyl Acetate
Concen: 2.639 ug/l
RT: 8.201 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

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

Tgt Ion:	43	61	87
Ratio	100	29.1	14.5
Lower		27.9	13.1
Upper		41.9	19.7

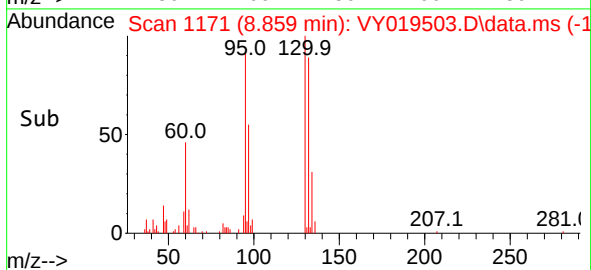
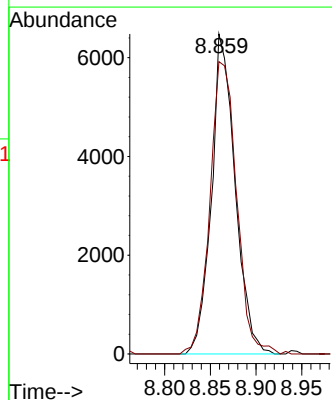
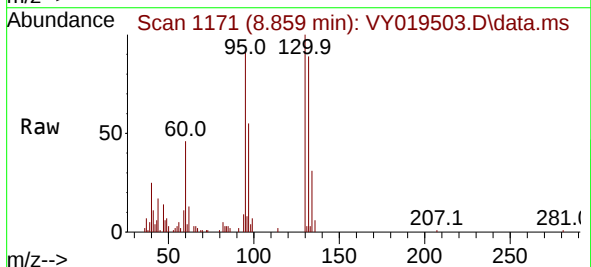
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#44
Trichloroethene
Concen: 2.311 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

Tgt Ion:	130	95
Ratio	100	91.4
Lower		0.0
Upper		188.0





#45

1,2-Dichloropropane

Concen: 2.593 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 63 Resp: 1244

Ion Ratio Lower Upper

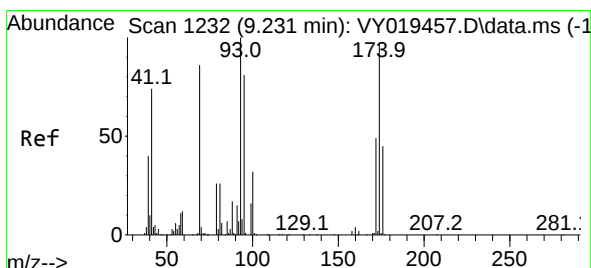
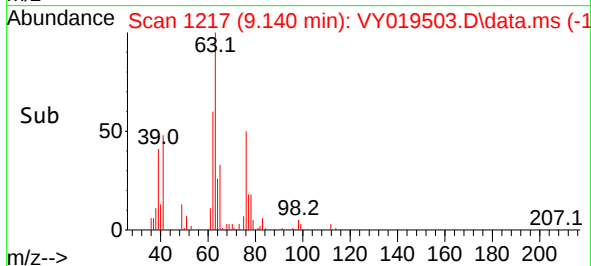
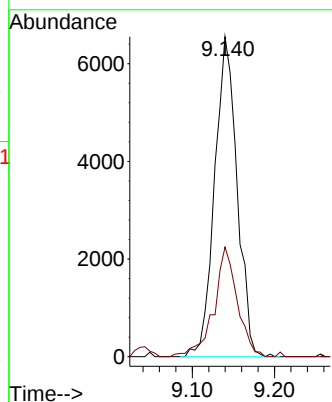
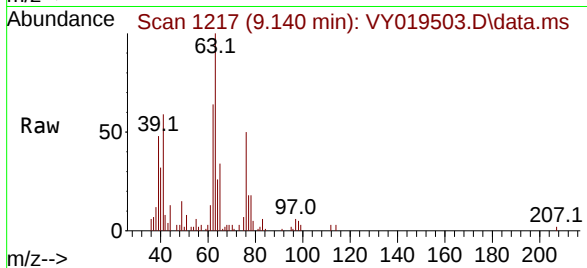
63 100

65 33.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#46

Dibromomethane

Concen: 2.590 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

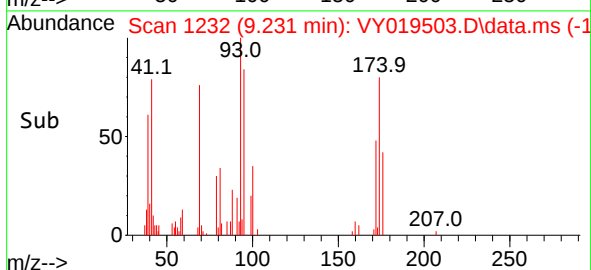
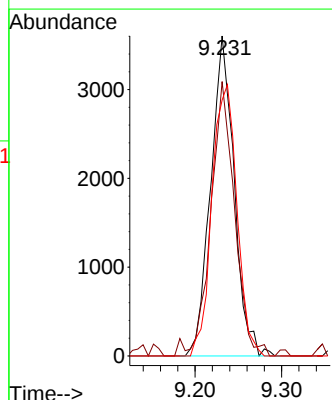
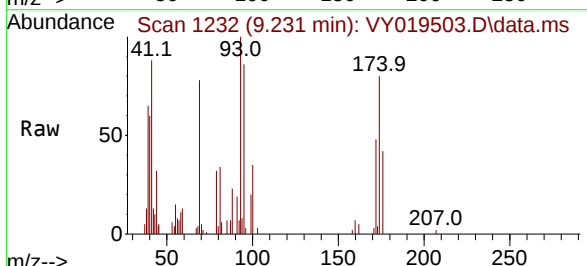
Tgt Ion: 93 Resp: 6798

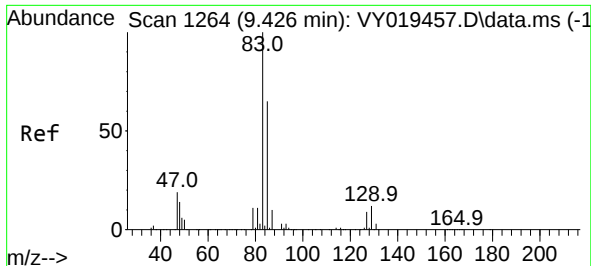
Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.4

174 90.3 80.9 121.3





#47

Bromodichloromethane

Concen: 2.774 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

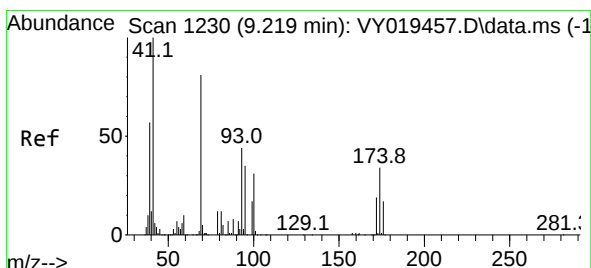
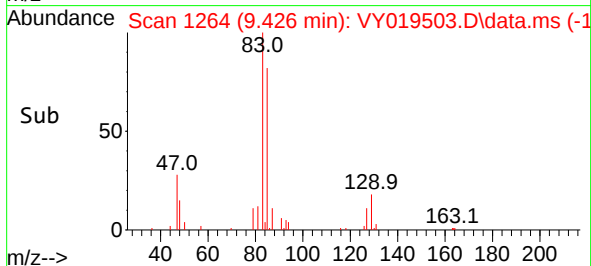
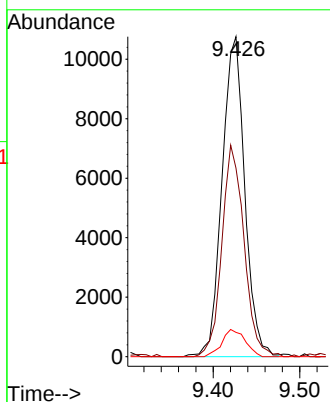
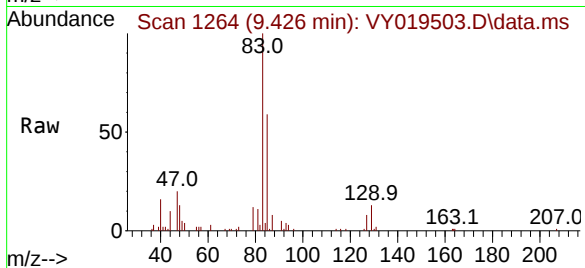
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 83	Resp: 1956
Ion Ratio	Lower Upper
83 100	
85 59.0	50.1 75.1
127 7.6	7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#48

Methyl methacrylate

Concen: 2.278 ug/l

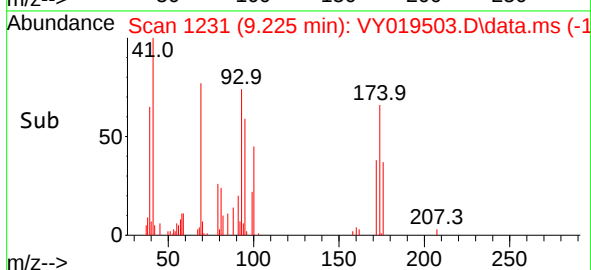
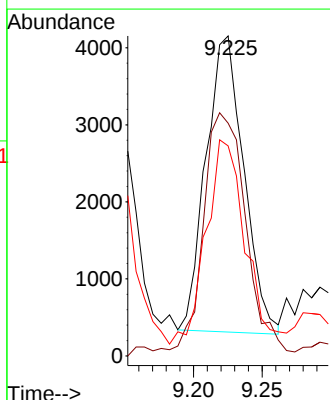
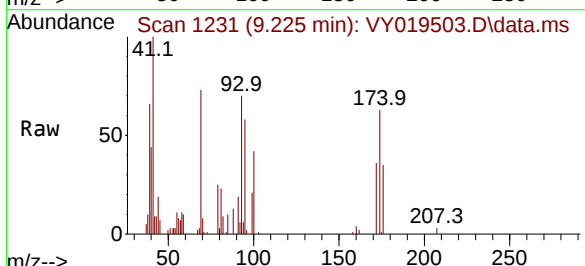
RT: 9.225 min Scan# 1231

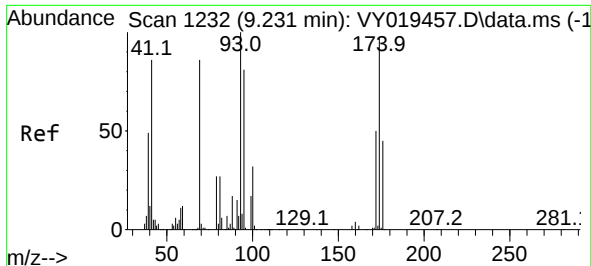
Delta R.T. 0.006 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Tgt Ion: 41	Resp: 7380
Ion Ratio	Lower Upper
41 100	
69 92.6	84.1 126.1
39 70.8	43.6 65.4





#49

1,4-Dioxane

Concen: 53.826 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 88 Resp: 166

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

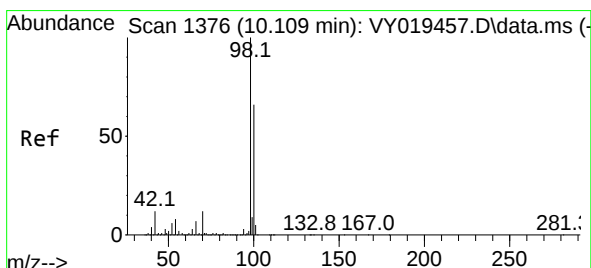
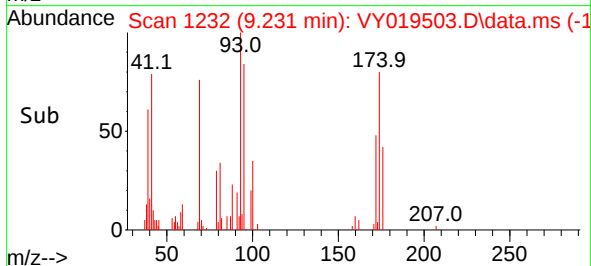
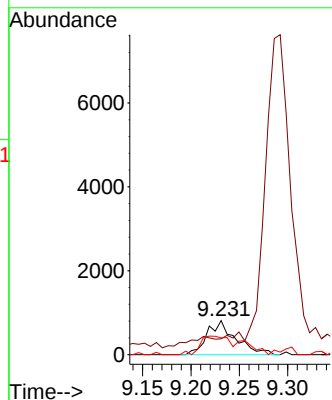
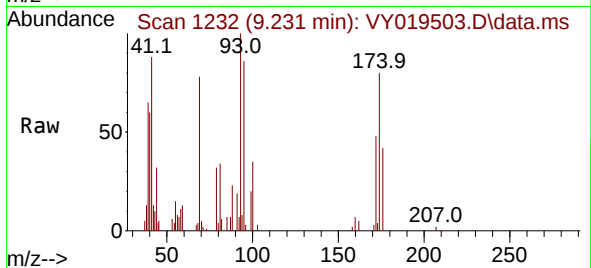
58 55.1 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024

Supervised By :Semsettin Yesilyurt 09/12/2024



#50

Toluene-d8

Concen: 55.751 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019503.D

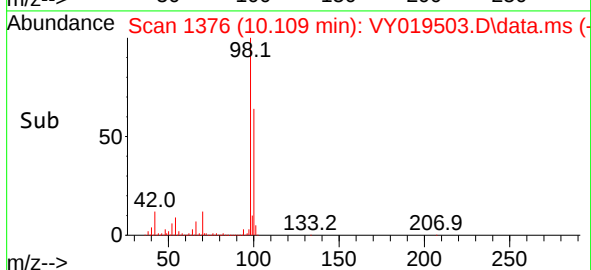
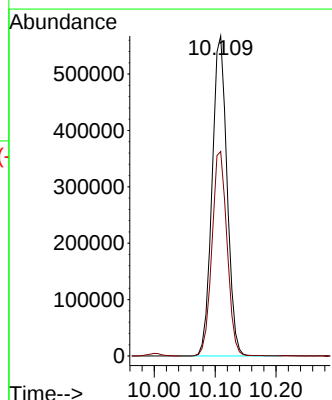
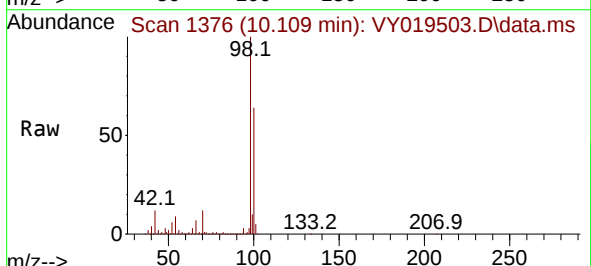
Acq: 11 Sep 2024 11:52

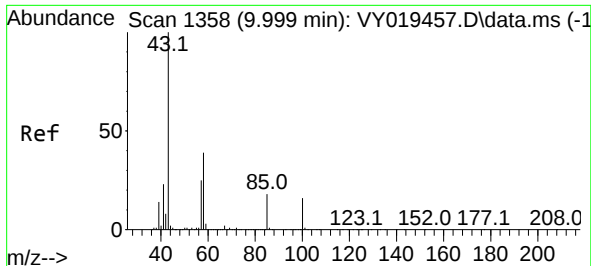
Tgt Ion: 98 Resp: 965889

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 13.760 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 43 Resp: 47494

Ion Ratio Lower Upper

43 100

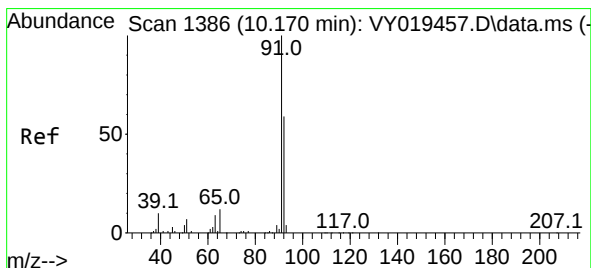
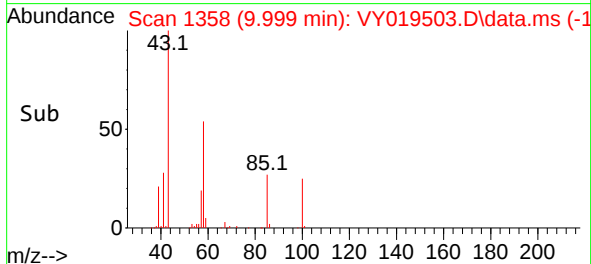
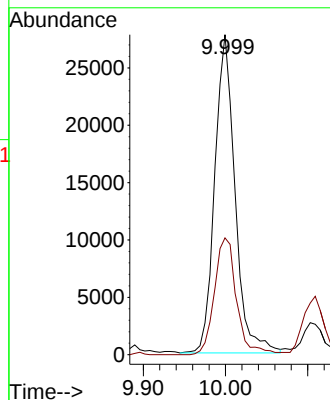
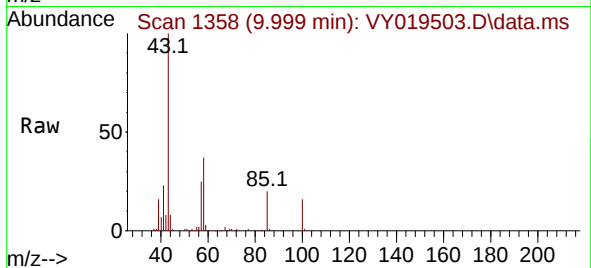
58 40.2 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024

Supervised By :Semsettin Yesilyurt 09/12/2024



#52

Toluene

Concen: 2.446 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019503.D

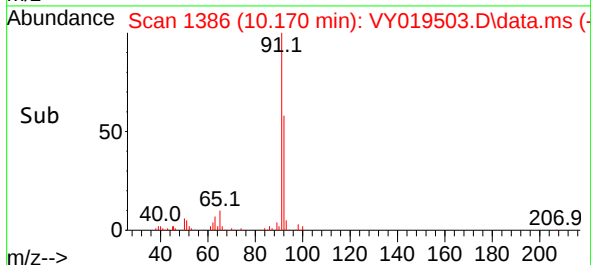
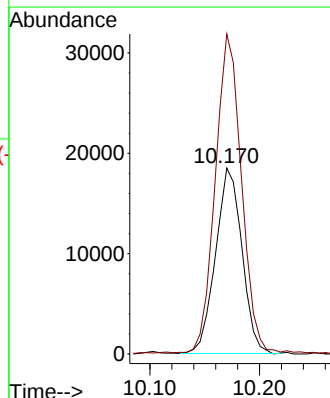
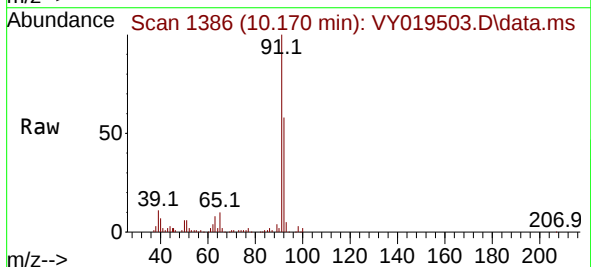
Acq: 11 Sep 2024 11:52

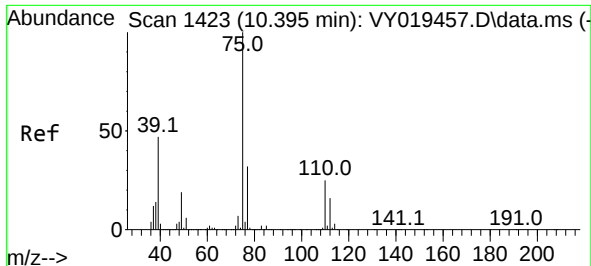
Tgt Ion: 92 Resp: 30885

Ion Ratio Lower Upper

92 100

91 173.5 139.0 208.6





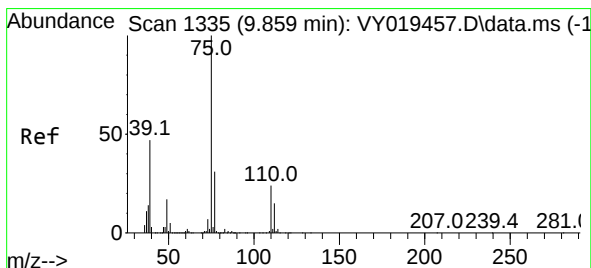
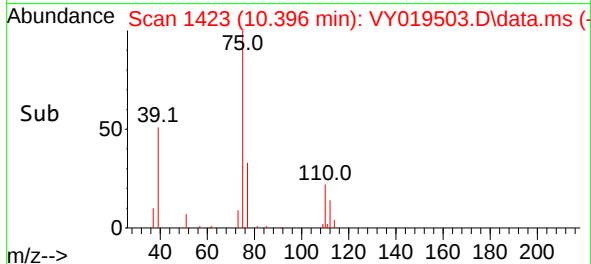
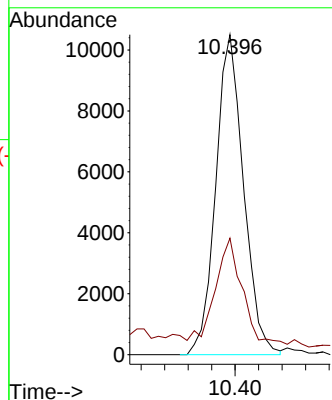
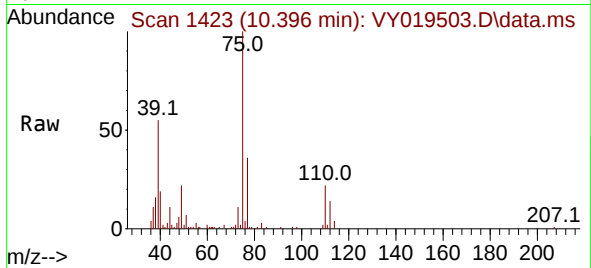
#53
t-1,3-Dichloropropene
Concen: 2.562 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

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

Tgt Ion: 75 Resp: 17230
Ion Ratio Lower Upper
75 100
77 32.2 24.1 36.1

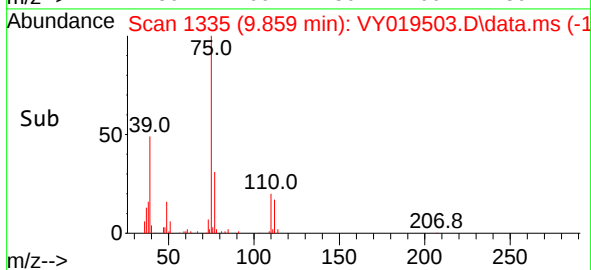
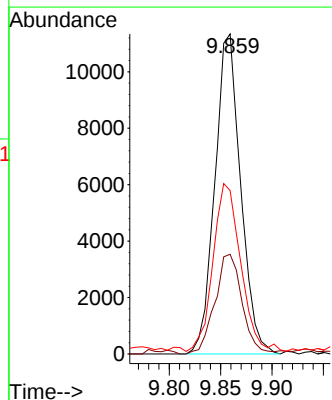
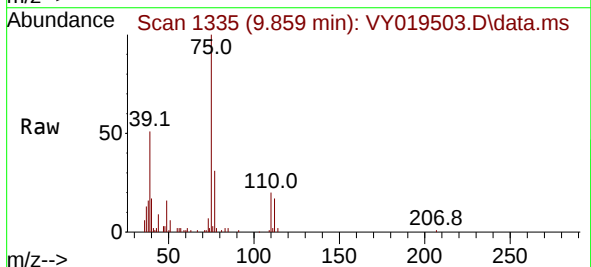
Manual Integrations
APPROVED

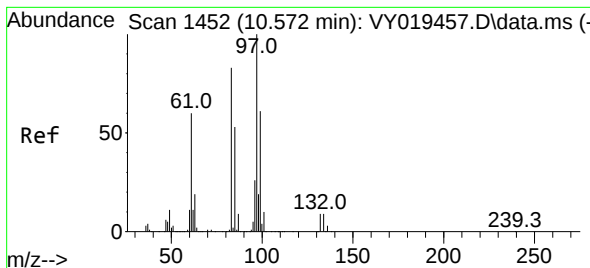
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#54
cis-1,3-Dichloropropene
Concen: 2.525 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

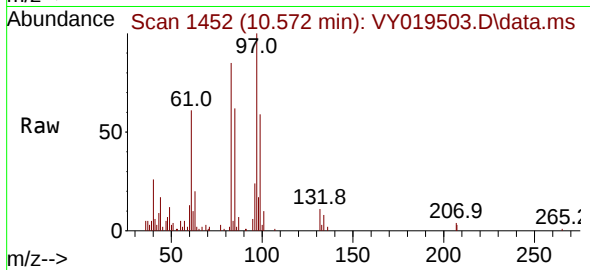
Tgt Ion: 75 Resp: 19773
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 49.7 29.8 44.6#





#55
1,1,2-Trichloroethane
Concen: 2.838 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

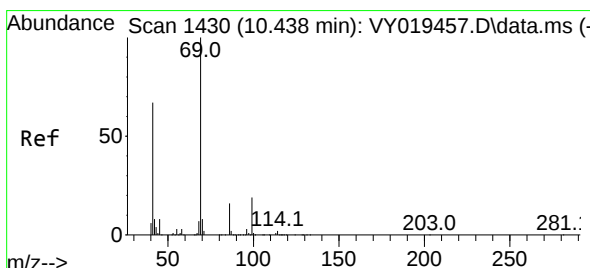
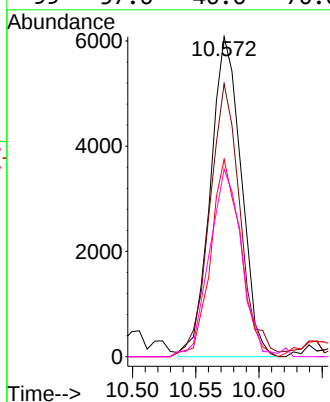
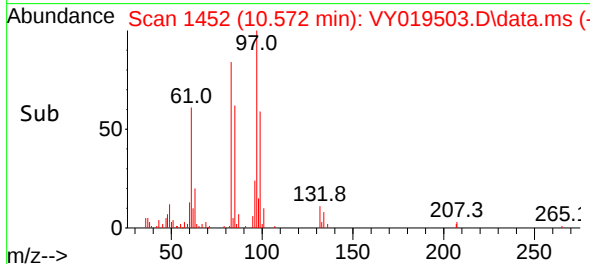
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.5	101.3
85	61.7	42.9	64.3
99	57.6	46.6	70.0

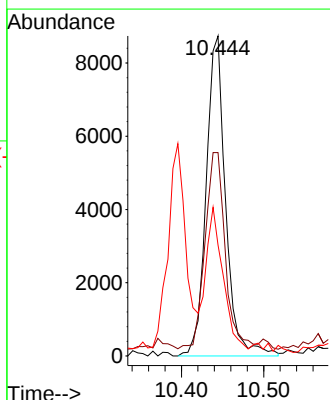
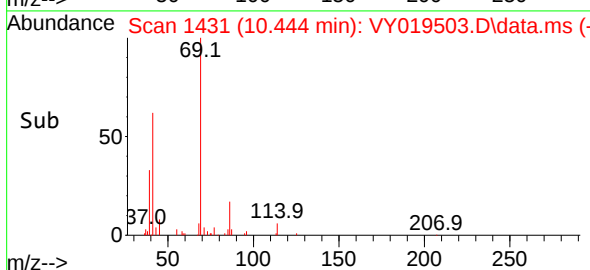
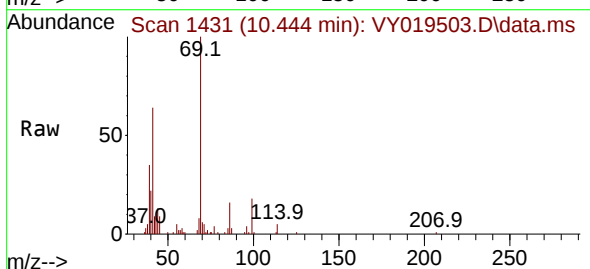
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#56
Ethyl methacrylate
Concen: 2.607 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

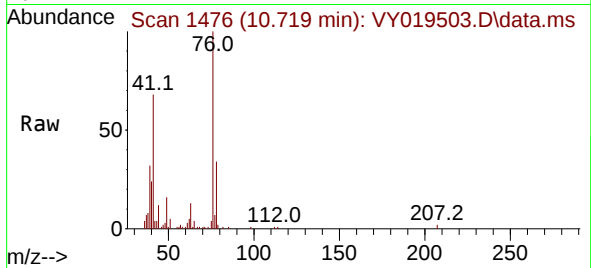
Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.3	42.3	63.5#
39	38.2	22.9	34.3#





#57
1,3-Dichloropropane
Concen: 2.512 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

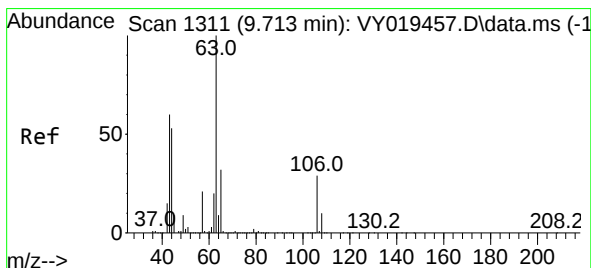
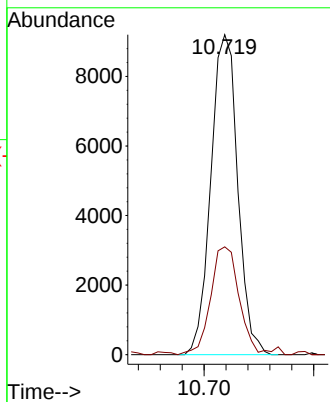
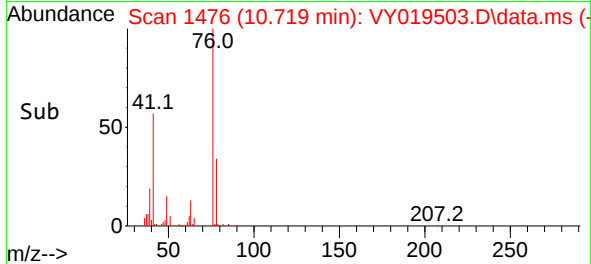
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 76 Resp: 15650
Ion Ratio Lower Upper
76 100
78 35.9 26.2 39.4

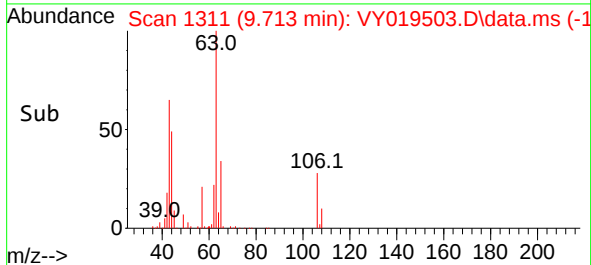
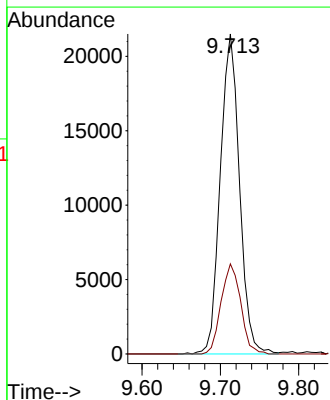
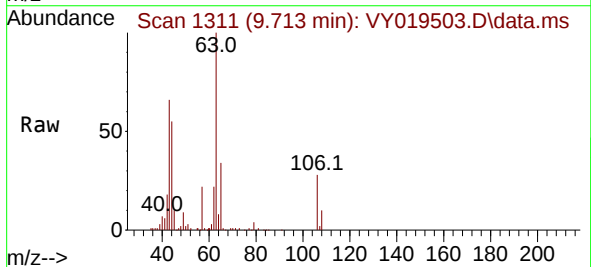
Manual Integrations
APPROVED

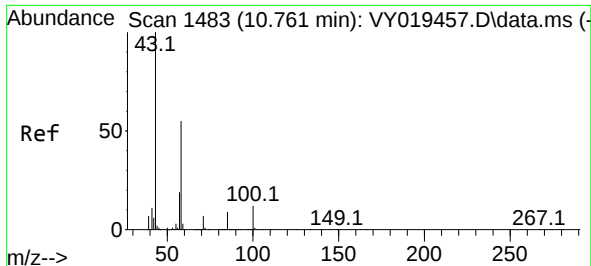
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 14.365 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

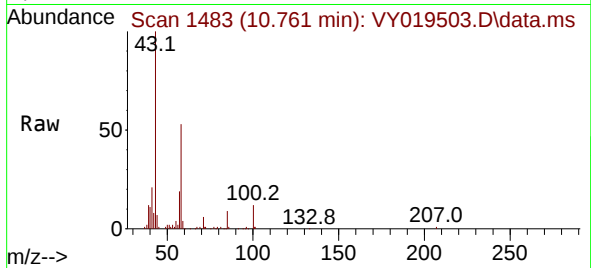
Tgt Ion: 63 Resp: 36706
Ion Ratio Lower Upper
63 100
106 28.7 23.7 35.5





#59
2-Hexanone
Concen: 13.058 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

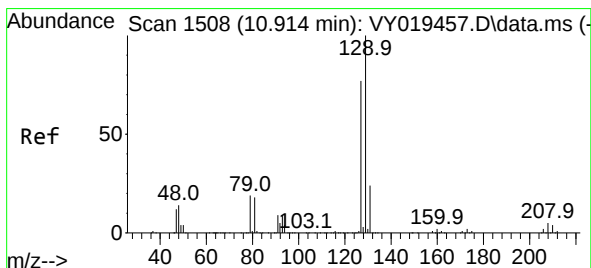
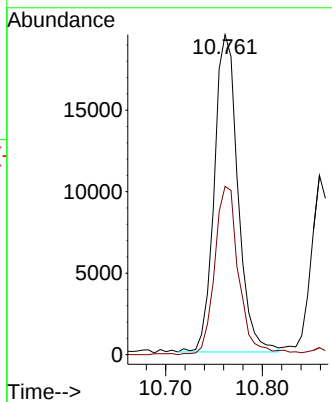
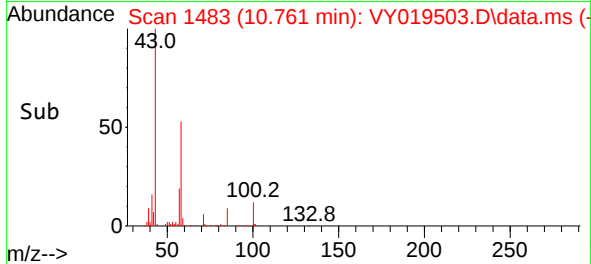
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 3304
Ion Ratio Lower Upper
43 100
58 54.4 31.4 94.0

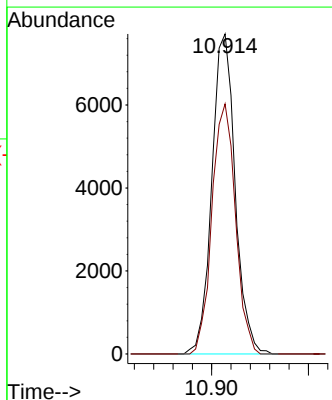
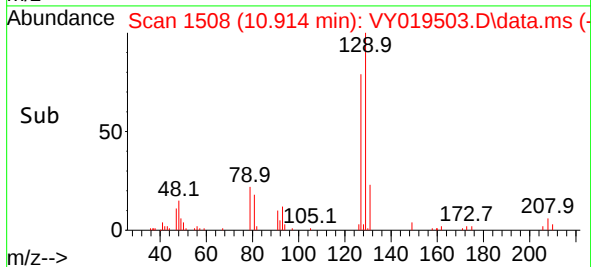
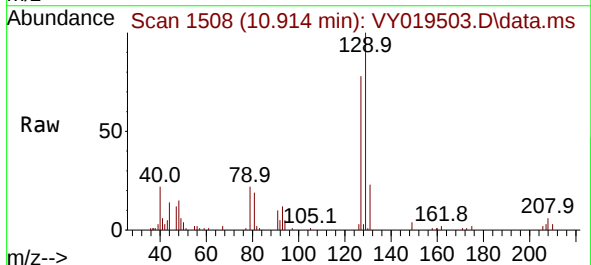
Manual Integrations
APPROVED

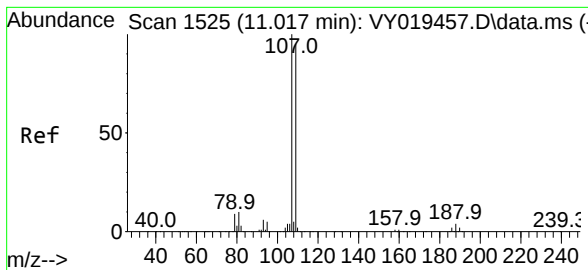
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#60
Dibromochloromethane
Concen: 2.688 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

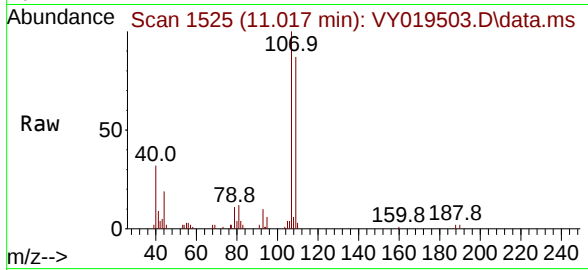
Tgt Ion:129 Resp: 12888
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 2.605 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

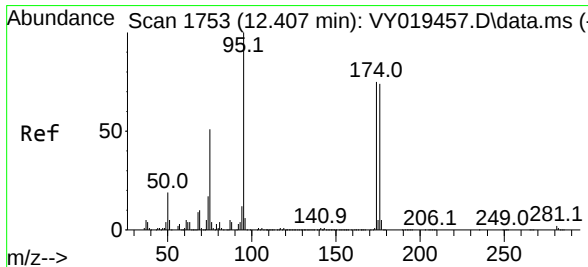
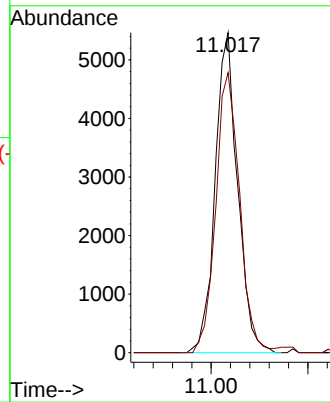
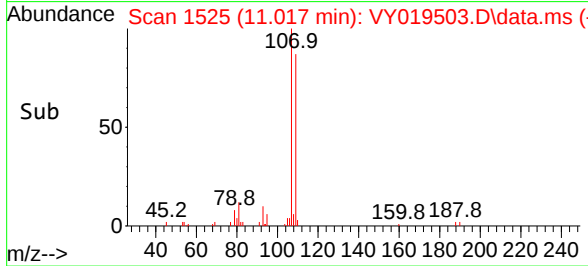
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



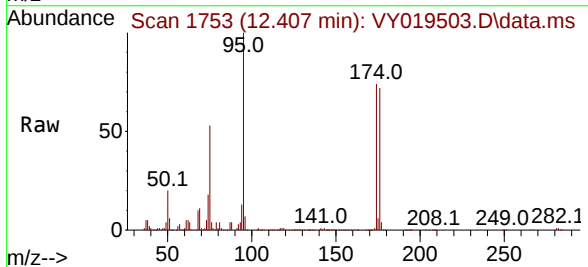
Tgt Ion:107 Resp: 879
Ion Ratio Lower Upper
107 100
109 93.0 75.9 113.9

Manual Integrations
APPROVED

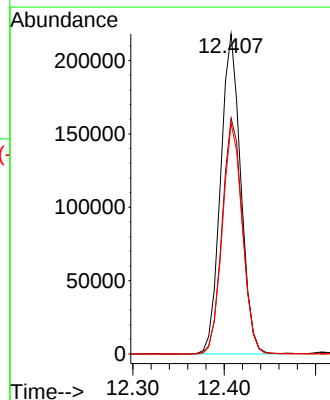
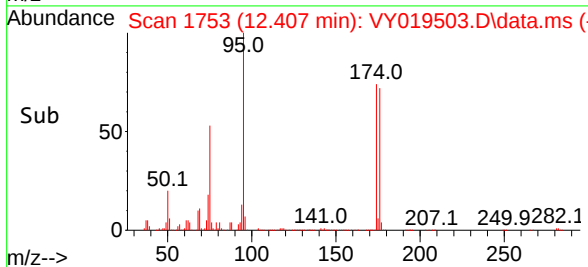
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

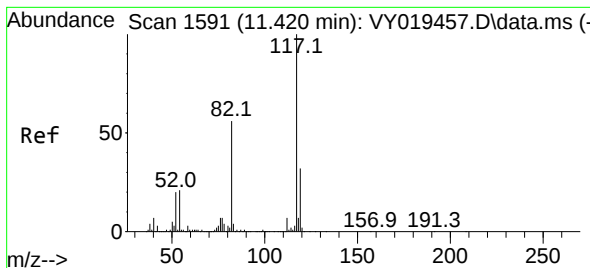


#62
4-Bromofluorobenzene
Concen: 50.102 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52



Tgt Ion: 95 Resp: 333764
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 71.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

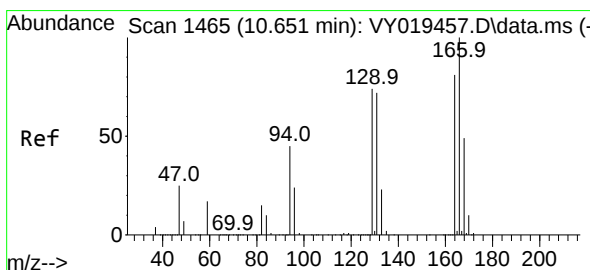
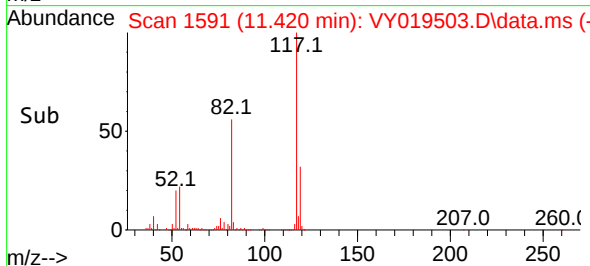
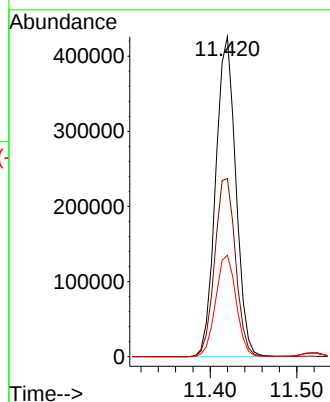
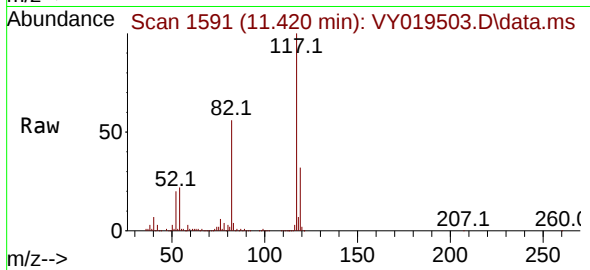
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	117	Resp:	68901
Ion Ratio	Lower	Upper	
117	100		
82	55.7	42.4	63.6
119	31.7	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#64

Tetrachloroethene

Concen: 2.438 ug/l

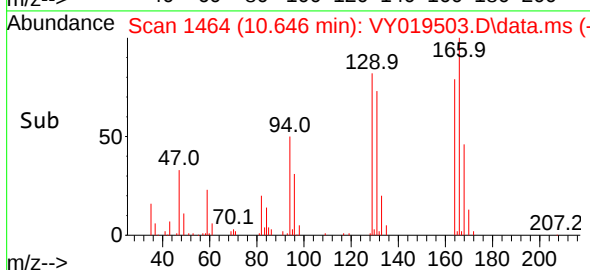
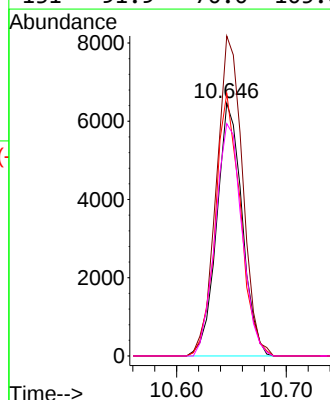
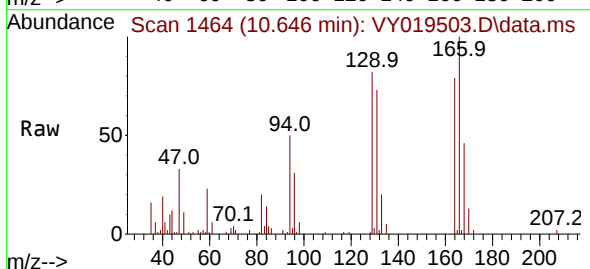
RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

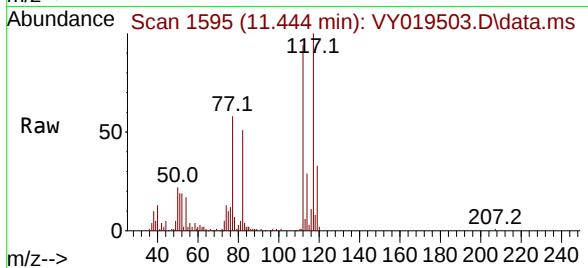
Tgt Ion:	164	Resp:	10402
Ion Ratio	Lower	Upper	
164	100		
166	126.6	102.6	154.0
129	103.9	72.0	108.0
131	91.9	70.0	105.0





#65
Chlorobenzene
Concen: 2.600 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

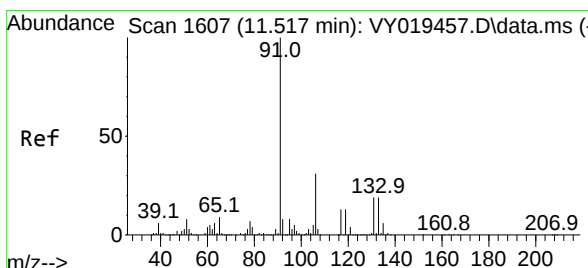
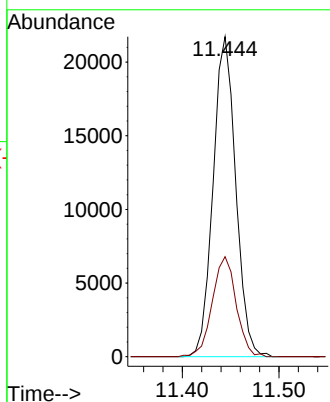
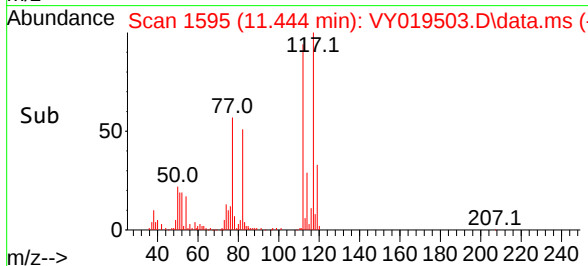
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



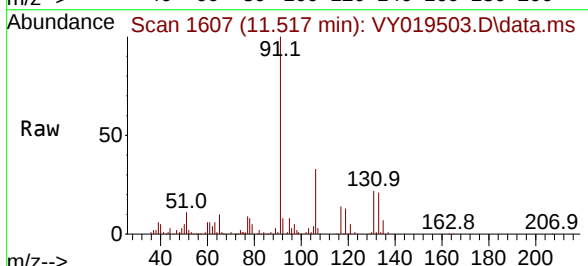
Tgt Ion:112 Resp: 3523
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6

Manual Integrations
APPROVED

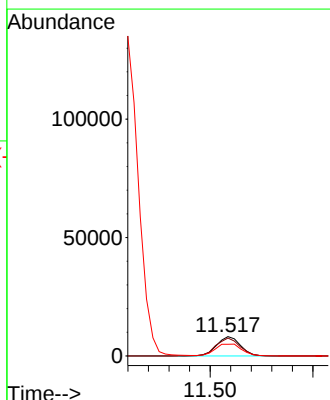
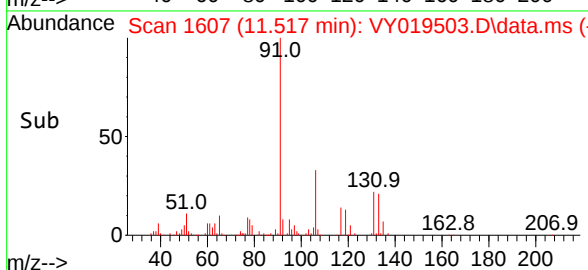
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

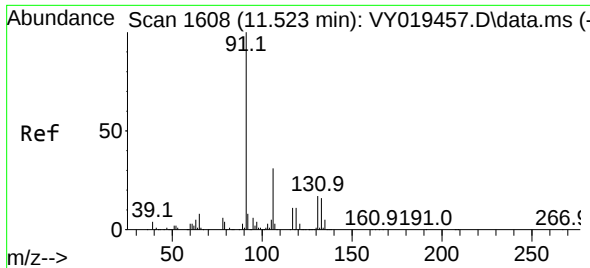


#66
1,1,1,2-Tetrachloroethane
Concen: 2.784 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52



Tgt Ion:131 Resp: 13064
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.3
119 70.3 34.1 102.2





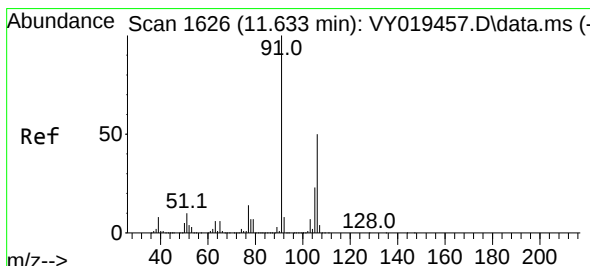
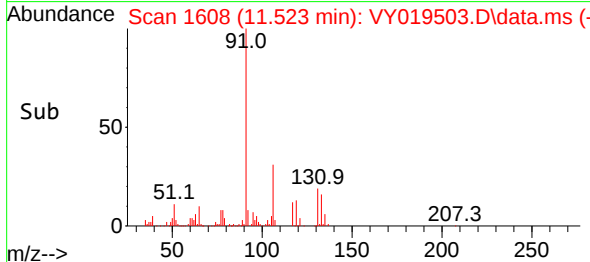
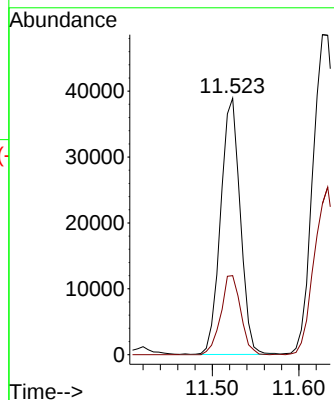
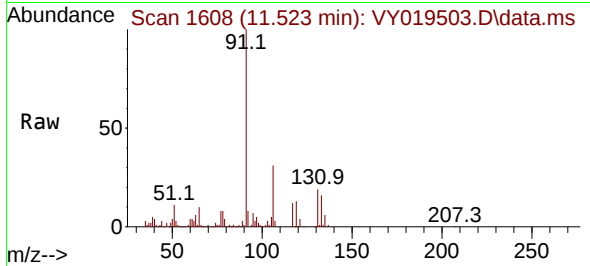
#67
Ethyl Benzene
Concen: 2.542 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

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

Tgt Ion: 91 Resp: 61208
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7

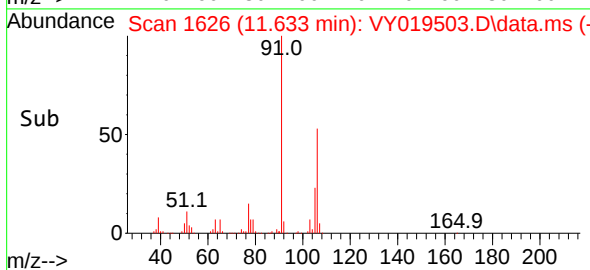
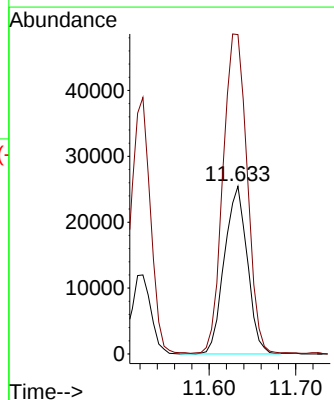
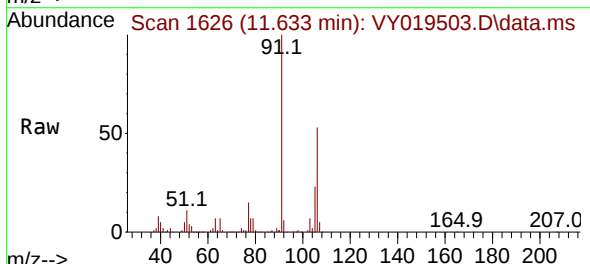
Manual Integrations
APPROVED

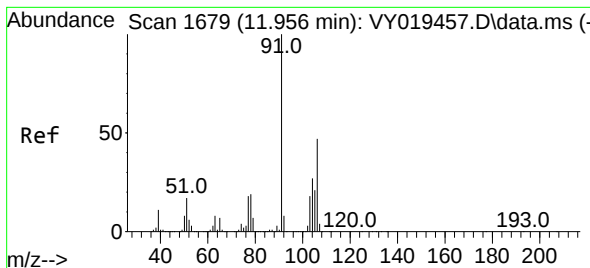
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#68
m/p-Xylenes
Concen: 5.143 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

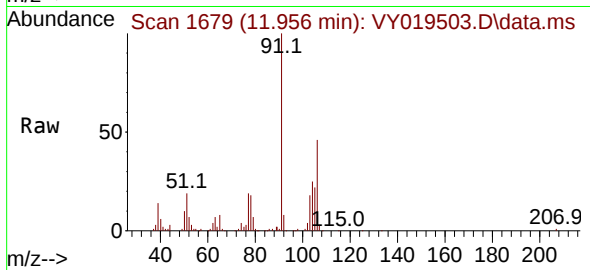
Tgt Ion:106 Resp: 46828
Ion Ratio Lower Upper
106 100
91 200.5 156.0 234.0





#69
o-Xylene
Concen: 2.588 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

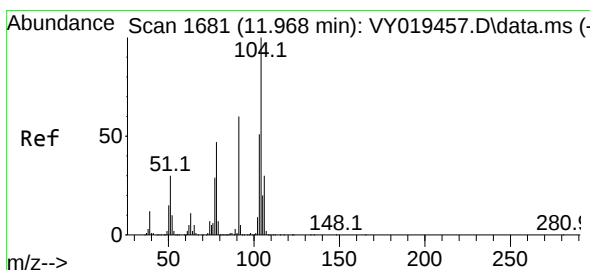
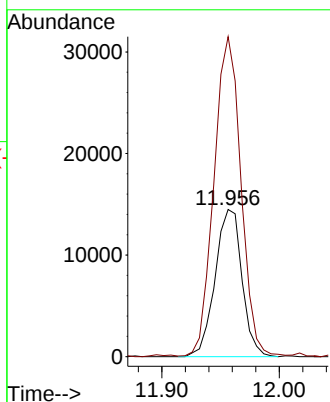
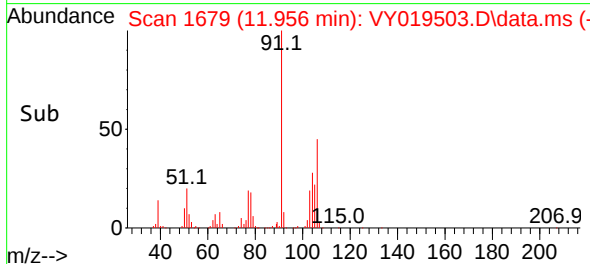
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:106 Resp: 23045
Ion Ratio Lower Upper
106 100
91 217.1 103.6 310.8

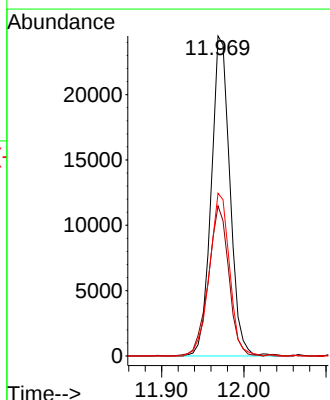
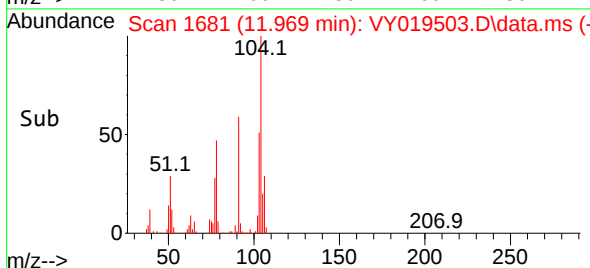
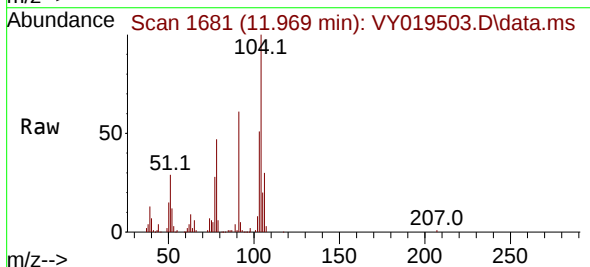
Manual Integrations
APPROVED

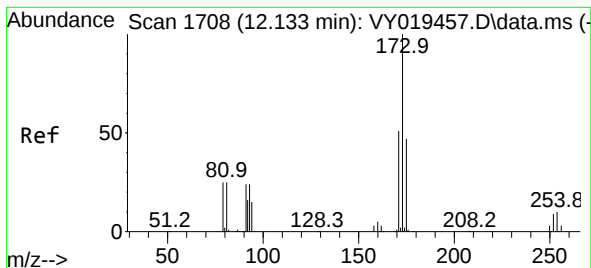
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#70
Styrene
Concen: 2.572 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

Tgt Ion:104 Resp: 38667
Ion Ratio Lower Upper
104 100
78 51.2 37.0 55.4
103 54.8 44.2 66.2





#71

Bromoform

Concen: 2.741 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY019503.D

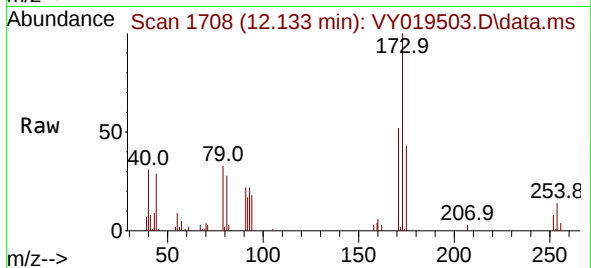
Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

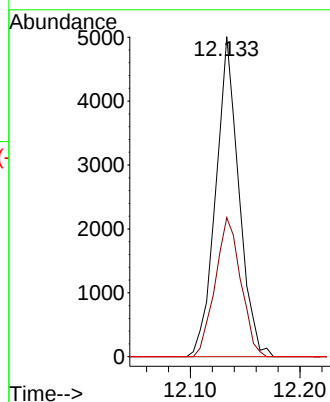
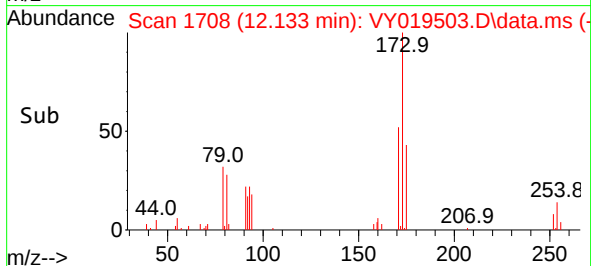


Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

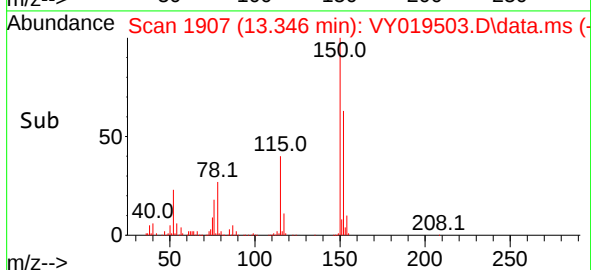
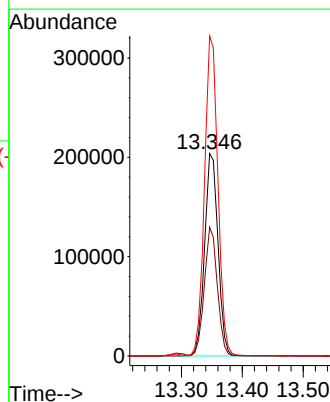
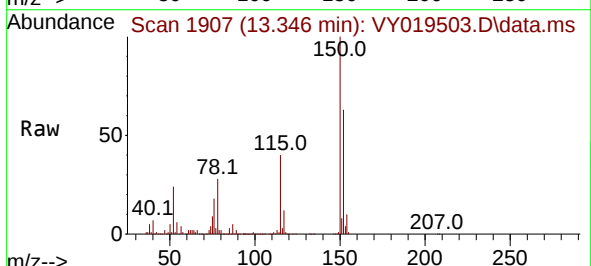
RT: 13.346 min Scan# 1907

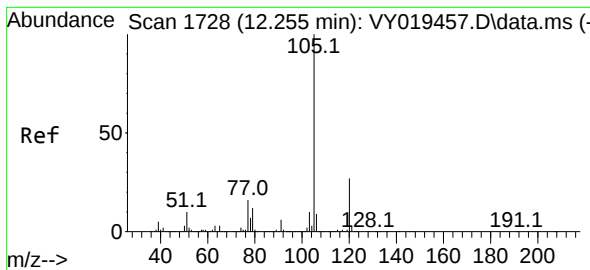
Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.6	28.2	84.7
150	158.0	0.0	345.6





#73

Isopropylbenzene

Concen: 2.661 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:105 Resp: 6023

Ion Ratio Lower Upper

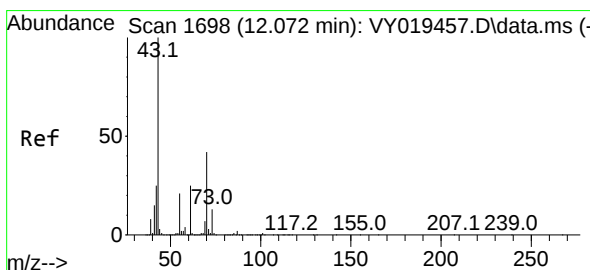
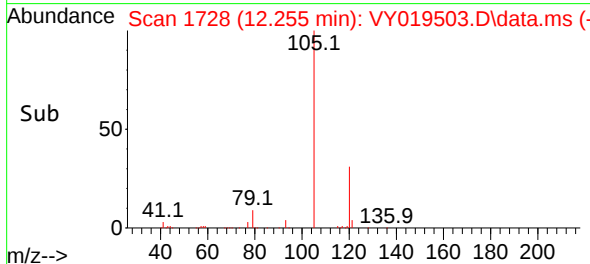
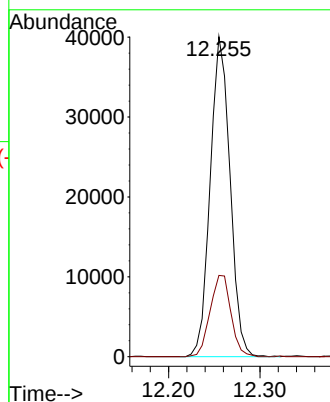
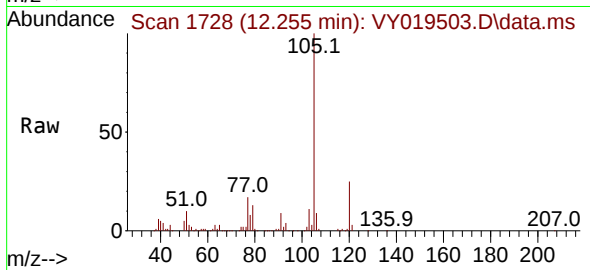
105 100

120 26.7 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#74

N-ethyl acetate

Concen: 2.714 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Tgt Ion: 43 Resp: 16707

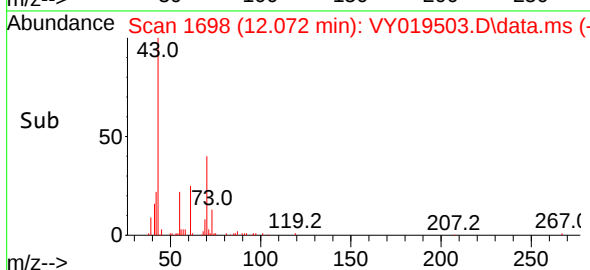
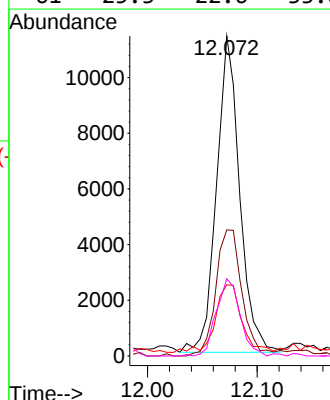
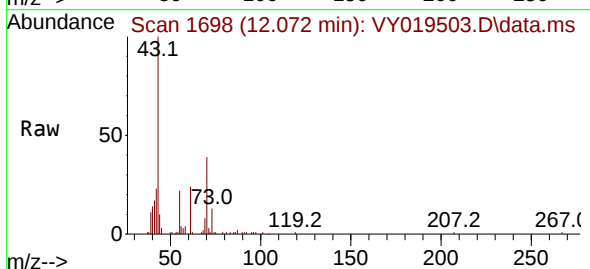
Ion Ratio Lower Upper

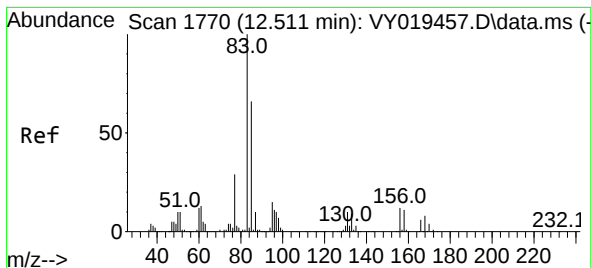
43 100

70 44.9 41.4 62.2

55 24.2 23.3 34.9

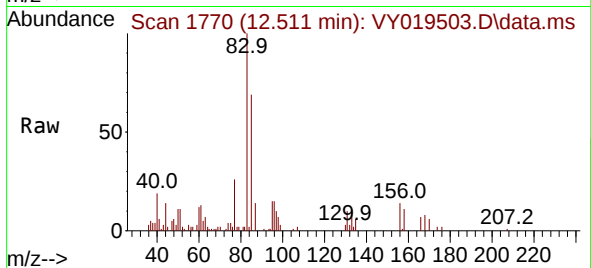
61 25.3 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 2.993 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

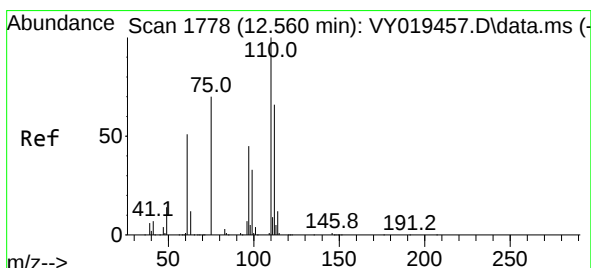
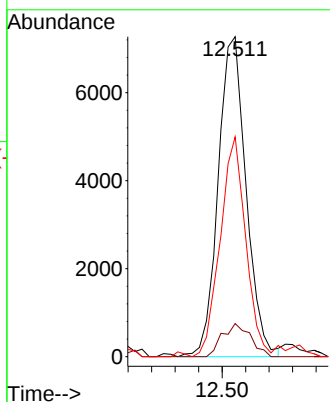
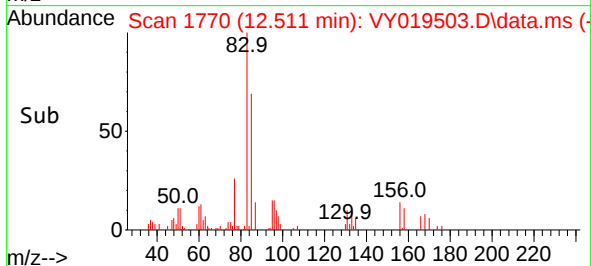
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 83 Resp: 12024
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 62.6 32.0 96.0

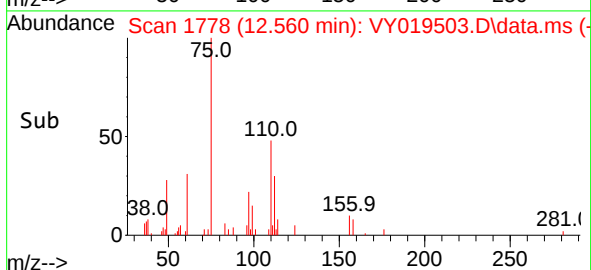
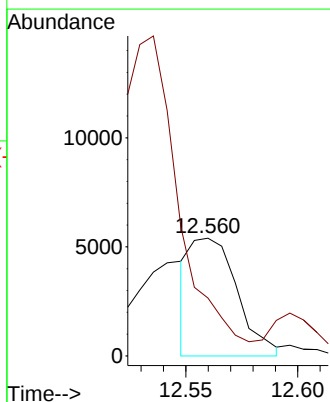
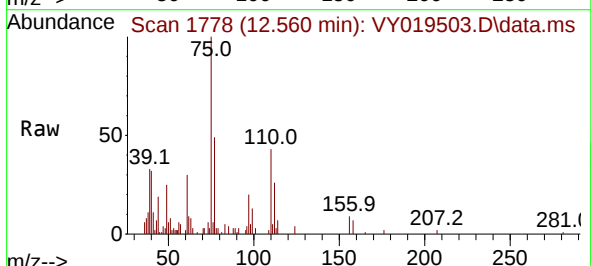
Manual Integrations
APPROVED

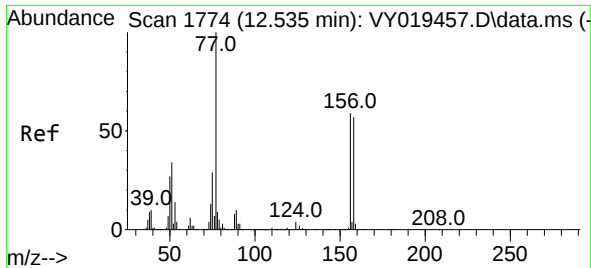
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#76
1,2,3-Trichloropropane
Concen: 2.700 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

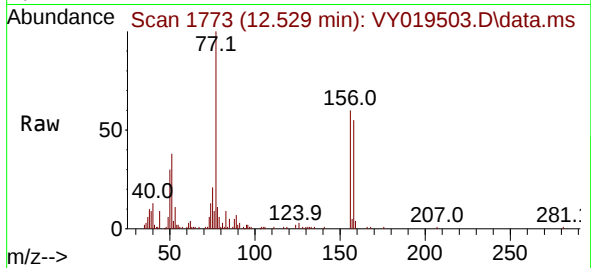
Tgt Ion: 75 Resp: 7896
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 2.800 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

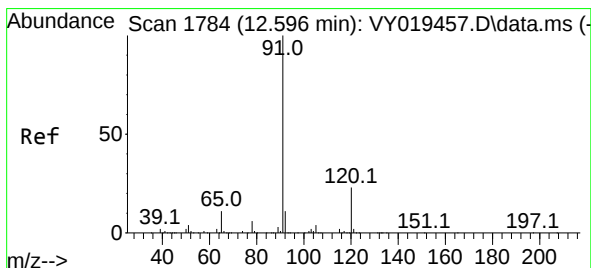
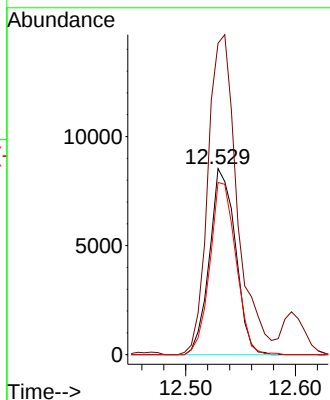
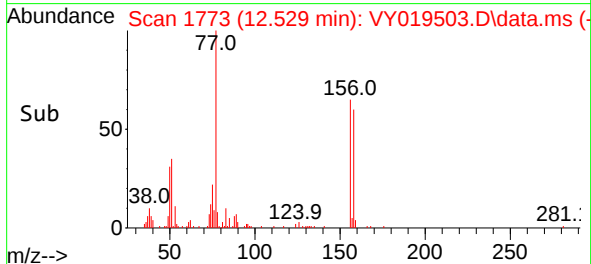
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



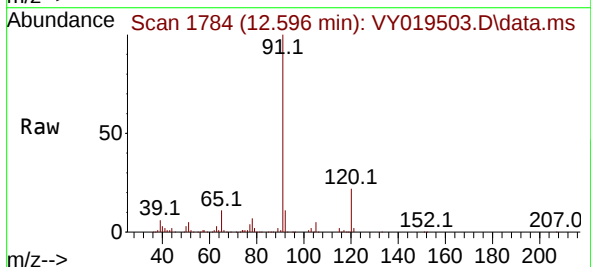
Tgt Ion:156 Resp: 1405
Ion Ratio Lower Upper
156 100
77 193.9 87.1 261.3
158 92.9 48.6 145.9

Manual Integrations
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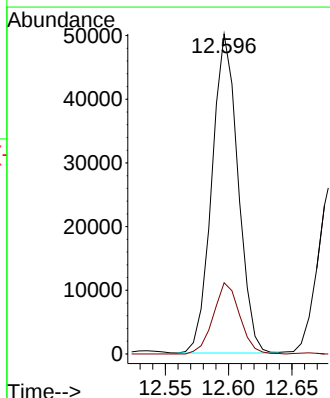
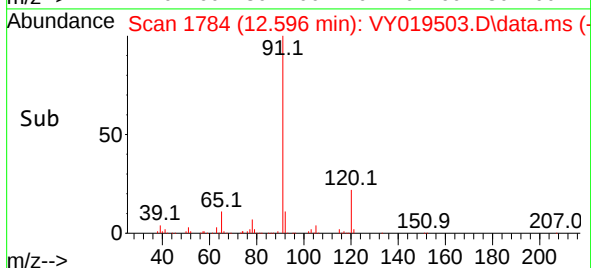
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#78
n-propylbenzene
Concen: 2.688 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52



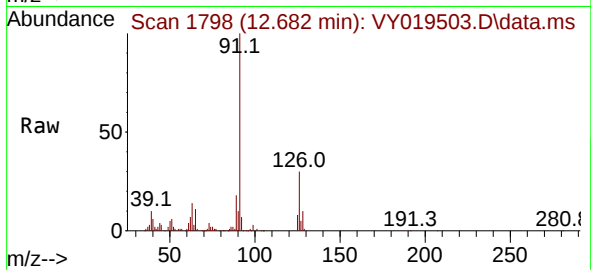
Tgt Ion: 91 Resp: 72107
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 2.716 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

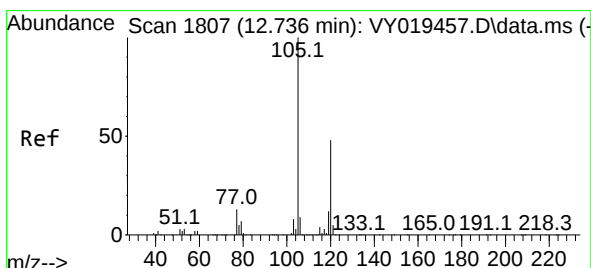
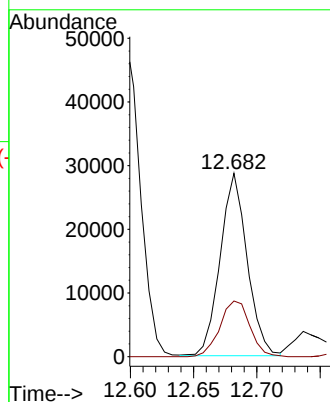
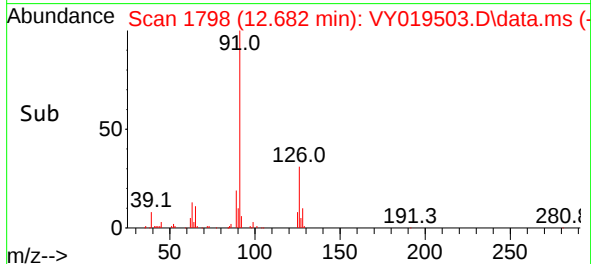
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 91 Resp: 42459
Ion Ratio Lower Upper
91 100
126 34.0 17.8 53.5

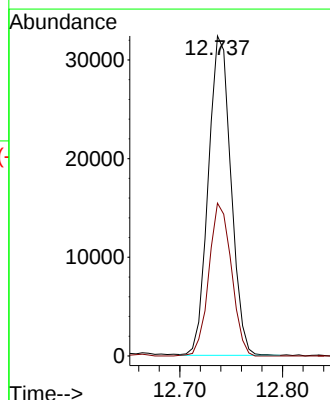
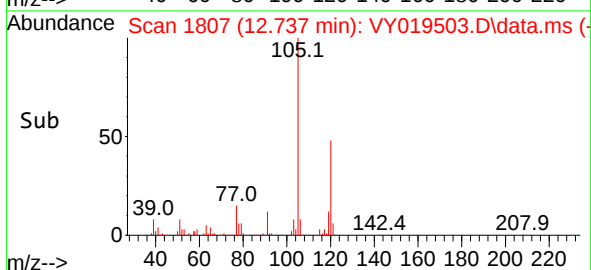
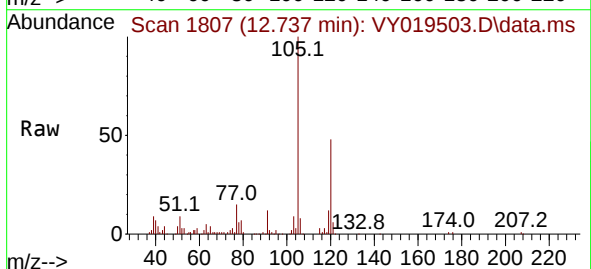
Manual Integrations
APPROVED

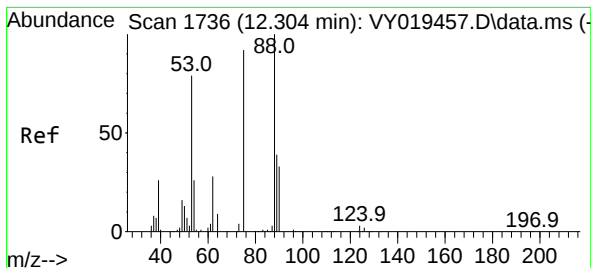
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.691 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

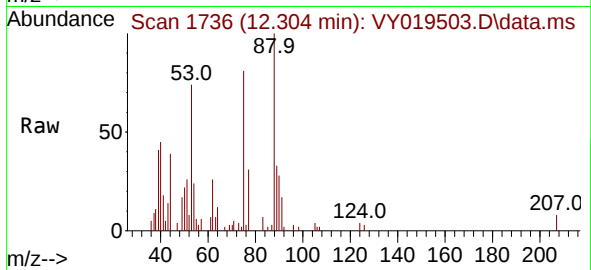
Tgt Ion:105 Resp: 49518
Ion Ratio Lower Upper
105 100
120 47.6 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.582 ug/l m
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

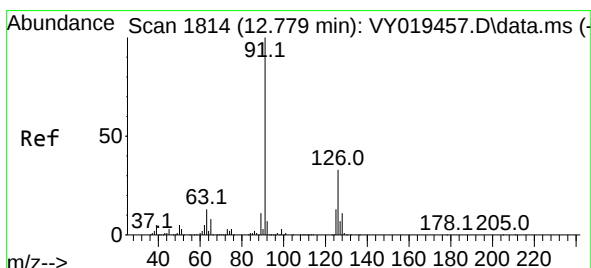
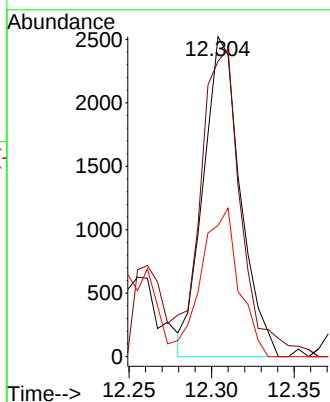
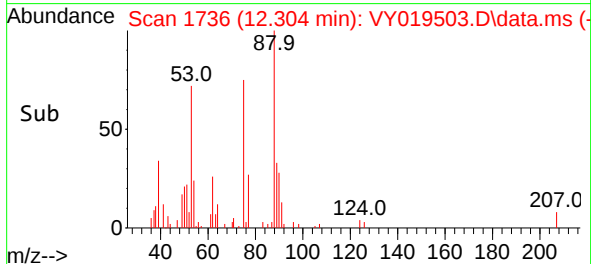
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 75 Resp: 393
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2
89 2.1 35.8 53.6

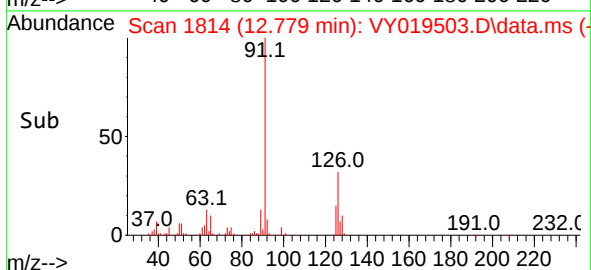
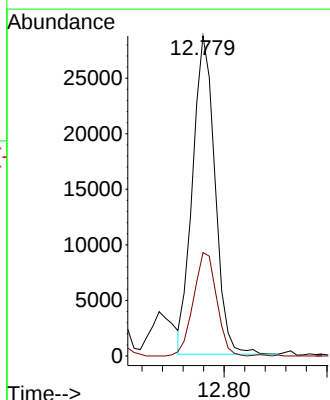
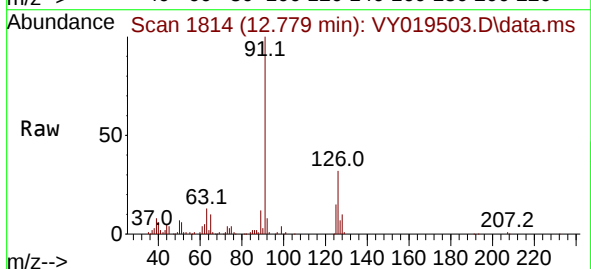
Manual Integrations
APPROVED

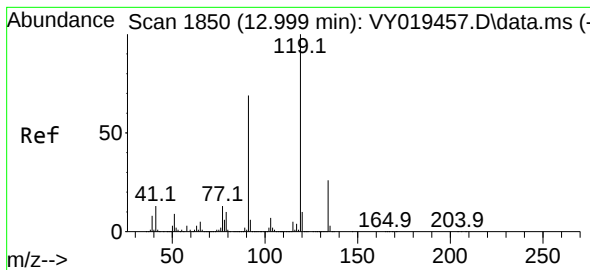
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#82
4-Chlorotoluene
Concen: 2.702 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

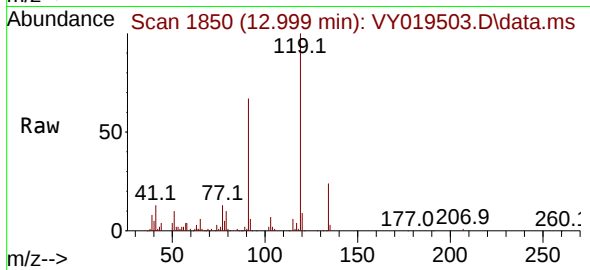
Tgt Ion: 91 Resp: 43439
Ion Ratio Lower Upper
91 100
126 33.7 17.6 52.9





#83
 tert-Butylbenzene
 Concen: 2.780 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY019503.D
 Acq: 11 Sep 2024 11:52

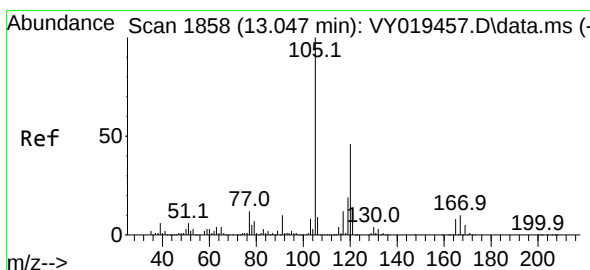
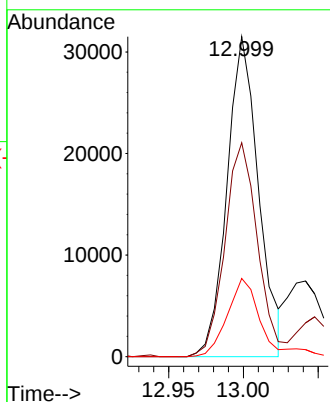
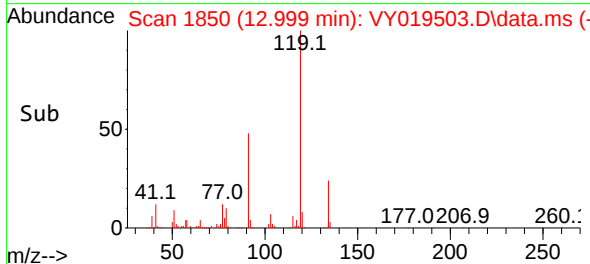
Instrument : MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



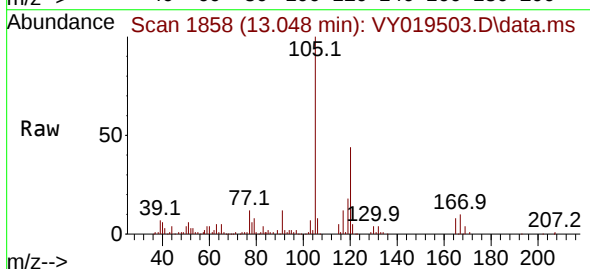
Tgt Ion:119 Resp: 4631
 Ion Ratio Lower Upper
 119 100
 91 69.5 31.3 93.8
 134 26.1 13.4 40.1

Manual Integrations
 APPROVED

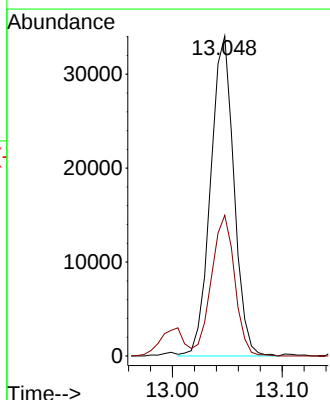
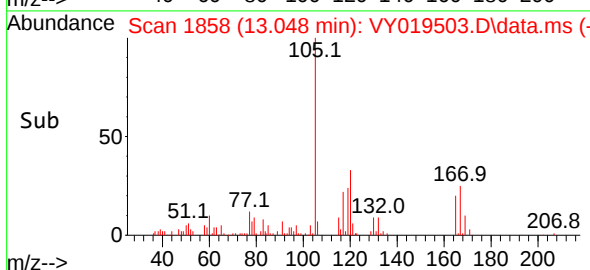
Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024

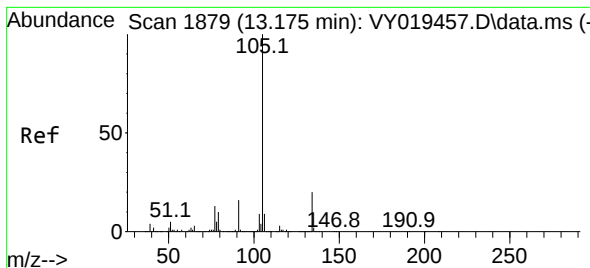


#84
 1,2,4-Trimethylbenzene
 Concen: 2.768 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY019503.D
 Acq: 11 Sep 2024 11:52



Tgt Ion:105 Resp: 50412
 Ion Ratio Lower Upper
 105 100
 120 43.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 2.769 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:105 Resp: 67010

Ion Ratio Lower Upper

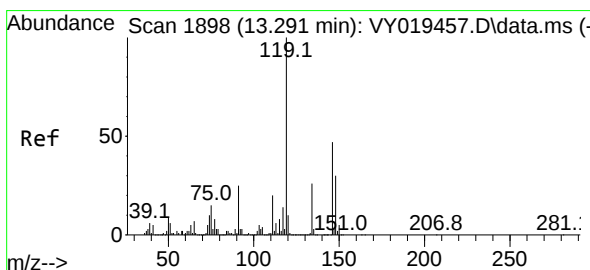
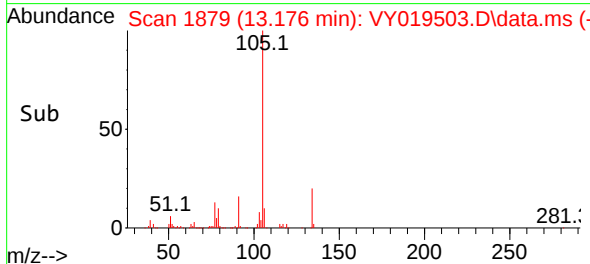
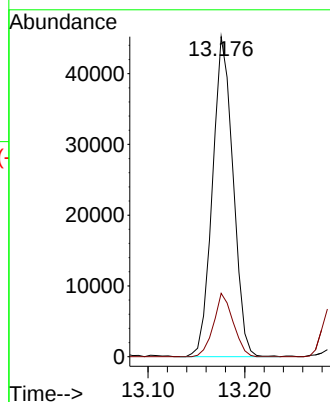
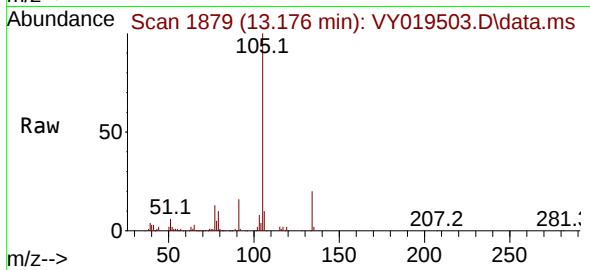
105 100

134 18.7 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#86

p-Isopropyltoluene

Concen: 2.795 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

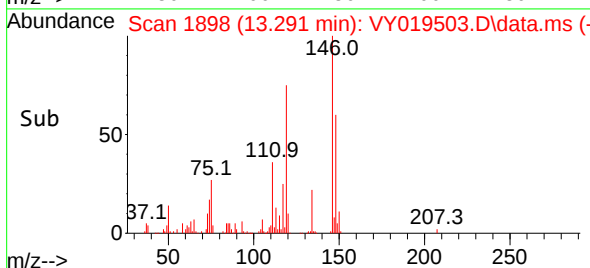
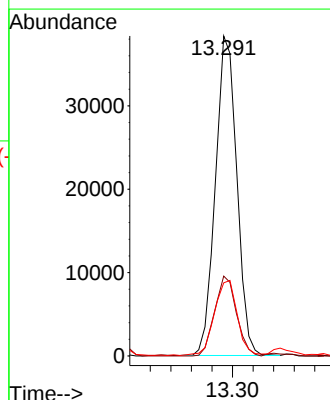
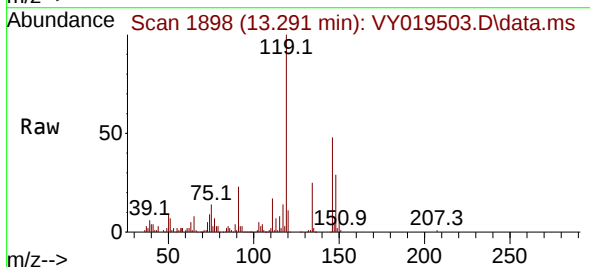
Tgt Ion:119 Resp: 55341

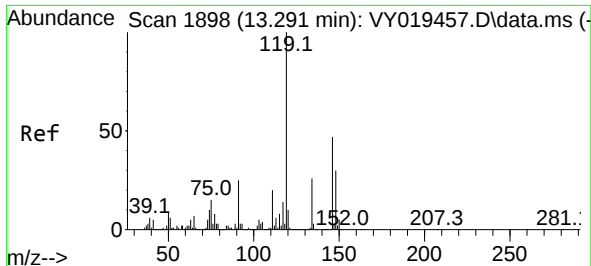
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

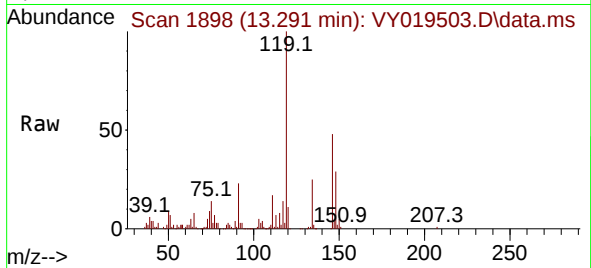
91 25.0 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 2.845 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

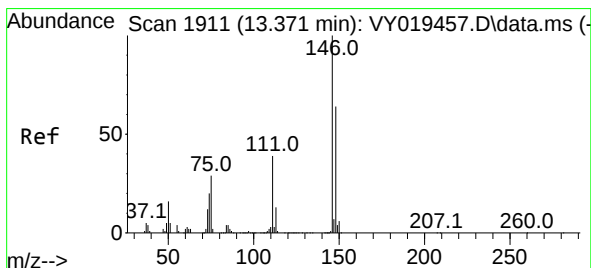
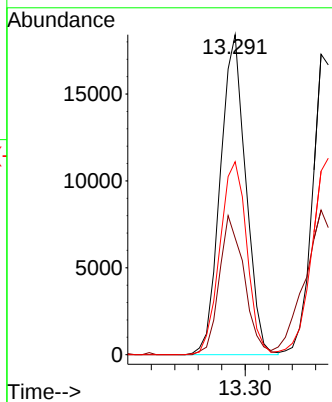
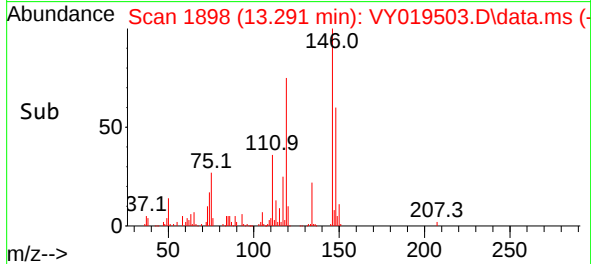
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



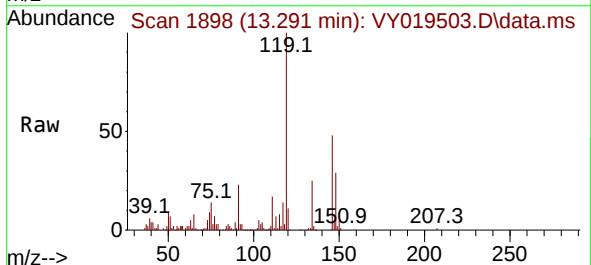
Tgt Ion:146 Resp: 27749
Ion Ratio Lower Upper
146 100
111 42.5 19.0 57.0
148 63.8 31.7 95.1

Manual Integrations
APPROVED

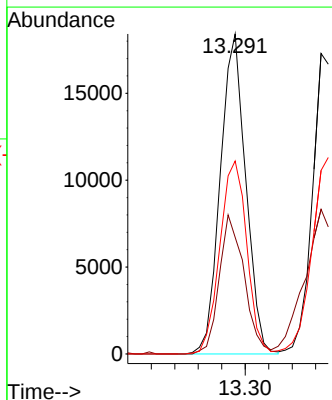
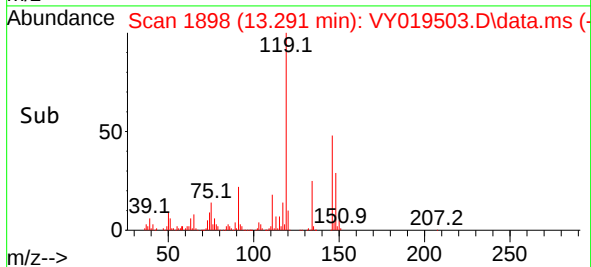
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

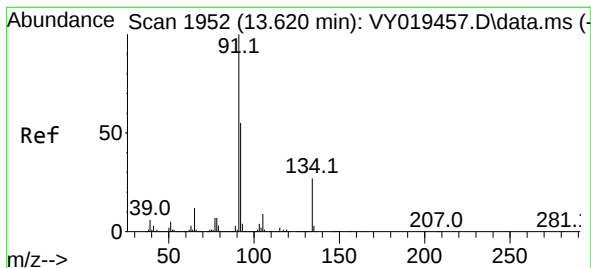


#88
1,4-Dichlorobenzene
Concen: 2.866 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.079 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52



Tgt Ion:146 Resp: 27749
Ion Ratio Lower Upper
146 100
111 42.5 18.4 55.4
148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 2.744 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

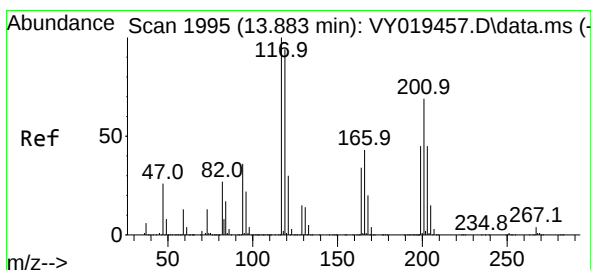
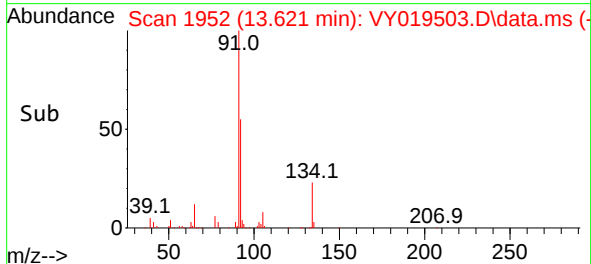
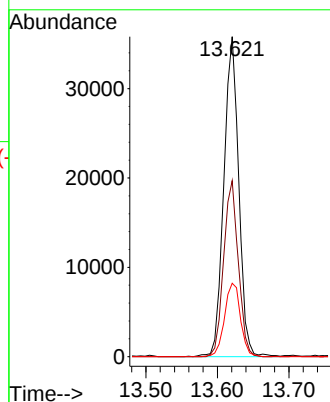
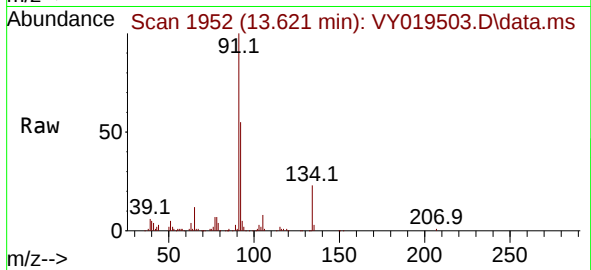
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 91	Resp: 5194
Ion Ratio	Lower Upper
91	100
92	53.9 26.6 79.7
134	24.5 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#90

Hexachloroethane

Concen: 2.829 ug/l

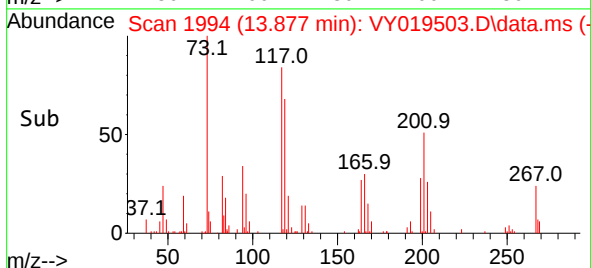
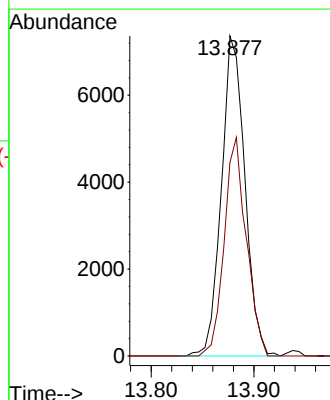
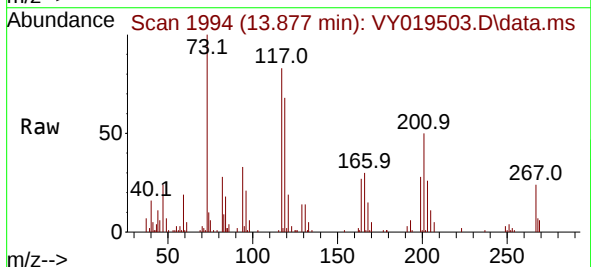
RT: 13.877 min Scan# 1994

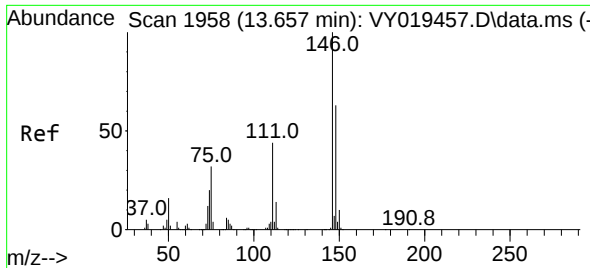
Delta R.T. -0.006 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Tgt Ion:117	Resp: 11655
Ion Ratio	Lower Upper
117	100
201	64.3 37.4 112.2





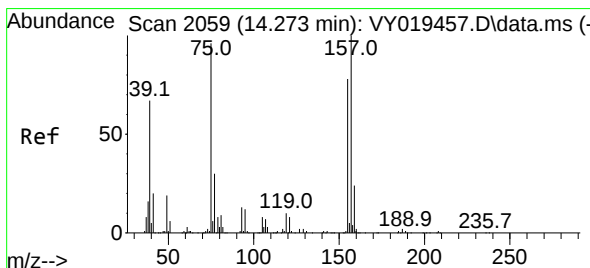
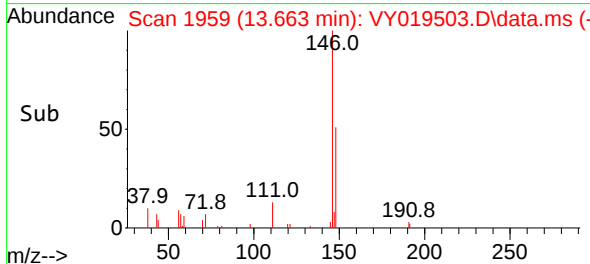
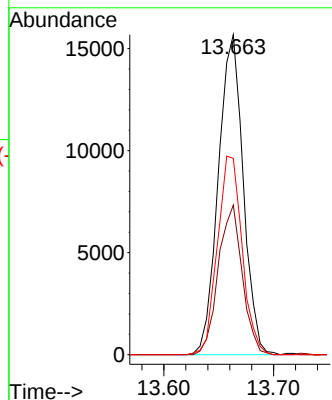
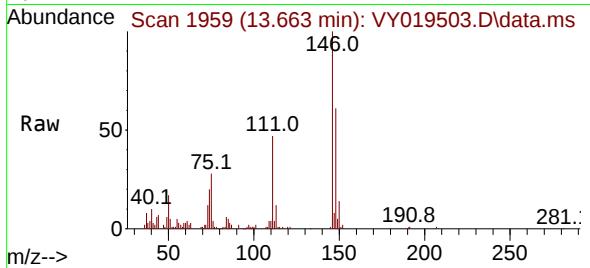
#91
1,2-Dichlorobenzene
Concen: 2.842 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

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

Tgt Ion:146 Resp: 24730
Ion Ratio Lower Upper
146 100
111 45.0 19.9 59.7
148 61.6 31.8 95.4

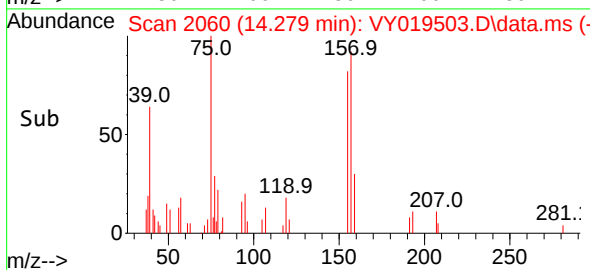
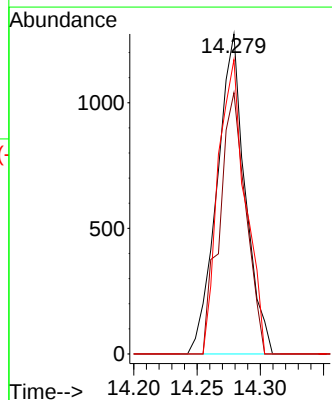
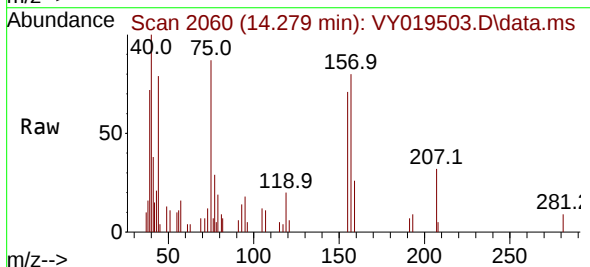
Manual Integrations
APPROVED

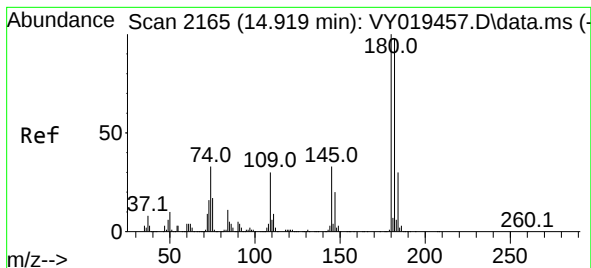
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.951 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY019503.D
Acq: 11 Sep 2024 11:52

Tgt Ion: 75 Resp: 1976
Ion Ratio Lower Upper
75 100
155 75.9 48.6 145.8
157 88.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.510 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019503.D

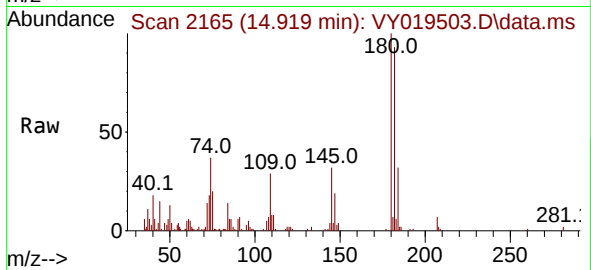
Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

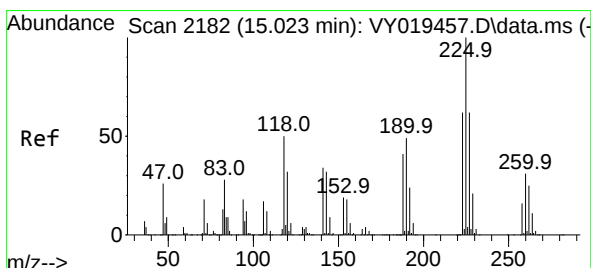
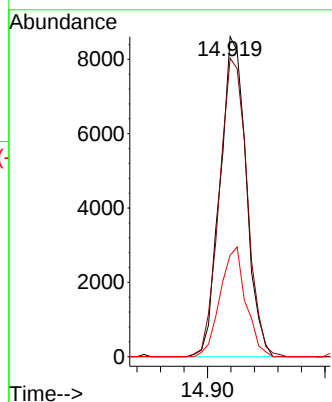
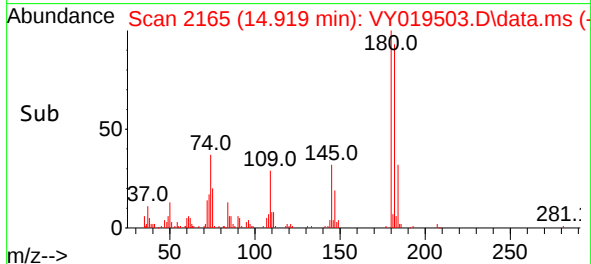


Tgt Ion:	180	Resp:	1328
Ion Ratio	Lower	Upper	
180	100		
182	99.1	47.9	143.8
145	33.7	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#94

Hexachlorobutadiene

Concen: 2.534 ug/l

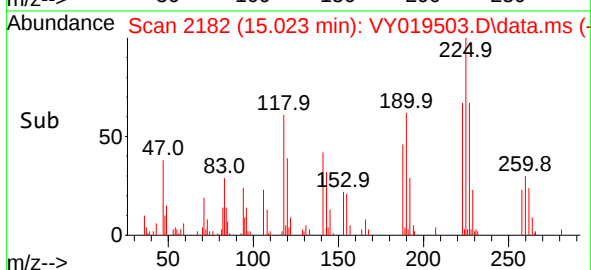
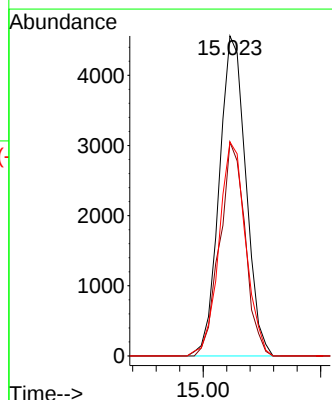
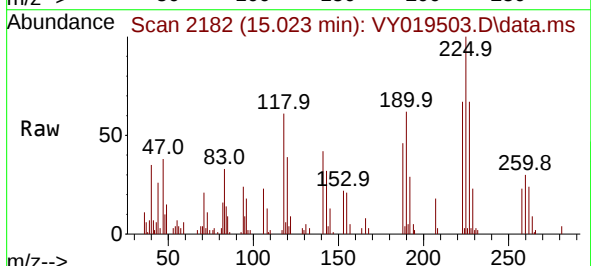
RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Tgt Ion:	225	Resp:	7167
Ion Ratio	Lower	Upper	
225	100		
223	63.7	30.4	91.2
227	66.8	31.9	95.9





#95

Naphthalene

Concen: 2.698 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

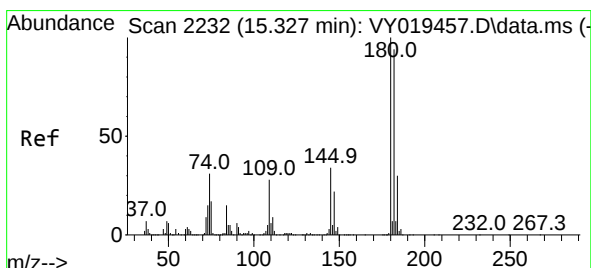
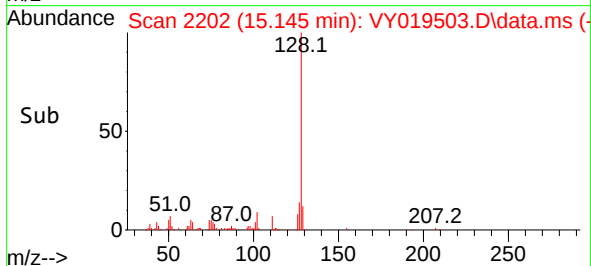
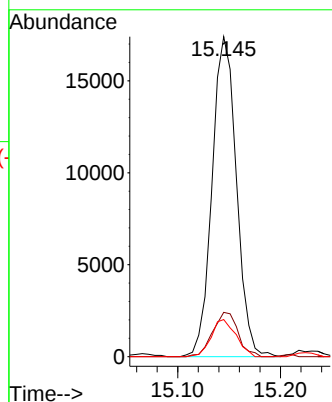
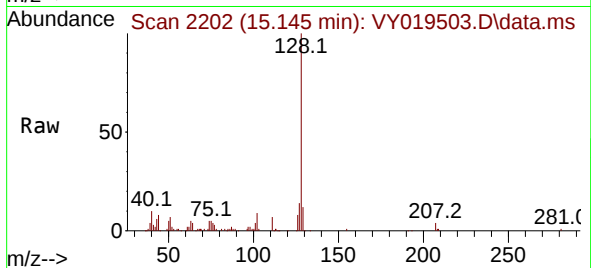
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	128	Resp:	28609
Ion Ratio	Lower	Upper	
128	100		
127	14.4	10.6	16.0
129	11.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.520 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019503.D

Acq: 11 Sep 2024 11:52

Tgt Ion:	180	Resp:	11412
Ion Ratio	Lower	Upper	
180	100		
182	99.9	47.6	142.9
145	38.4	15.4	46.1

