

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019504.D
 Acq On : 11 Sep 2024 12:15
 Operator : SY/MD
 Sample : P3390-01 4PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Sep 12 05:48:38 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	496353	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	846160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	711621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	323783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	222108	48.325	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.660%		
35) Dibromofluoromethane	7.634	113	226371	47.184	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.360%		
50) Toluene-d8	10.109	98	837377	47.189	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.380%		
62) 4-Bromofluorobenzene	12.408	95	291761	42.761	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	85.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	11855	3.778	ug/l	97
3) Chloromethane	2.074	50	12192	2.969	ug/l	90
4) Vinyl Chloride	2.208	62	14236	3.206	ug/l	98
5) Bromomethane	2.598	94	10243	3.755	ug/l	96
6) Chloroethane	2.739	64	10521	3.624	ug/l	99
7) Trichlorofluoromethane	3.062	101	29141	3.937	ug/l	96
8) Diethyl Ether	3.458	74	9260	3.727	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	18300	3.996	ug/l	94
10) Methyl Iodide	4.001	142	18090	3.081	ug/l	95
11) Tert butyl alcohol	4.860	59	7810m	21.041	ug/l	
12) 1,1-Dichloroethene	3.793	96	15194	3.450	ug/l	91
13) Acrolein	3.653	56	10450	52.504	ug/l	98
14) Allyl chloride	4.379	41	26757	3.388	ug/l #	93
15) Acrylonitrile	5.055	53	21835	20.380	ug/l	99
16) Acetone	3.879	43	20824	19.018	ug/l	88
17) Carbon Disulfide	4.104	76	19631	1.650	ug/l	98
18) Methyl Acetate	4.379	43	15593	5.248	ug/l #	88
19) Methyl tert-butyl Ether	5.104	73	51895	4.161	ug/l #	90
20) Methylene Chloride	4.616	84	36737	7.357	ug/l #	84
21) trans-1,2-Dichloroethene	5.122	96	15631	3.238	ug/l	94
22) Diisopropyl ether	6.012	45	65493	4.039	ug/l #	84
23) Vinyl Acetate	5.951	43	216837	23.409	ug/l	93
24) 1,1-Dichloroethane	5.909	63	36694	4.032	ug/l	98
25) 2-Butanone	6.896	43	27078	17.388	ug/l #	77
26) 2,2-Dichloropropane	6.884	77	33757	4.112	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	23596	4.024	ug/l	92
28) Bromochloromethane	7.250	49	14281	3.730	ug/l	81
29) Tetrahydrofuran	7.262	42	16520	17.447	ug/l	93
30) Chloroform	7.421	83	40002	4.306	ug/l	97
31) Cyclohexane	7.701	56	32960	4.007	ug/l #	74
32) 1,1,1-Trichloroethane	7.610	97	34861	4.187	ug/l	97
36) 1,1-Dichloropropene	7.835	75	23194	3.553	ug/l	96
37) Ethyl Acetate	6.988	43	12294	3.676	ug/l #	76
38) Carbon Tetrachloride	7.817	117	28723	3.902	ug/l	95
39) Methylcyclohexane	9.103	83	26464	3.046	ug/l	94
40) Benzene	8.079	78	74473	3.704	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	5672m	2.909	ug/l	
42) 1,2-Dichloroethane	8.158	62	21863	4.041	ug/l	99
43) Isopropyl Acetate	8.201	43	26708	3.801	ug/l	91
44) Trichloroethene	8.866	130	18585	3.594	ug/l	92
45) 1,2-Dichloropropane	9.140	63	20489	4.168	ug/l	96
46) Dibromomethane	9.231	93	10756	4.001	ug/l	90
47) Bromodichloromethane	9.426	83	31086	4.302	ug/l	98
48) Methyl methacrylate	9.225	41	12217	3.681	ug/l	89
49) 1,4-Dioxane	9.231	88	2412	76.220	ug/l #	80
51) 4-Methyl-2-Pentanone	10.000	43	68225	19.298	ug/l	90
52) Toluene	10.170	92	47420	3.667	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	27462	3.987	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	31304	3.903	ug/l #	81
55) 1,1,2-Trichloroethane	10.573	97	15441	4.160	ug/l	94
56) Ethyl methacrylate	10.445	69	22213	3.939	ug/l #	86
57) 1,3-Dichloropropane	10.719	76	25943	4.066	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	50207	19.183	ug/l	98
59) 2-Hexanone	10.762	43	46702	18.019	ug/l	88
60) Dibromochloromethane	10.914	129	19578	3.987	ug/l	99
61) 1,2-Dibromoethane	11.018	107	13714	3.965	ug/l	94
64) Tetrachloroethene	10.646	164	16417	3.725	ug/l	99
65) Chlorobenzene	11.444	112	56608	4.044	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	20104	4.148	ug/l	98
67) Ethyl Benzene	11.518	91	99538	4.002	ug/l	99
68) m/p-Xylenes	11.627	106	74284	7.899	ug/l	93
69) o-Xylene	11.956	106	36907	4.013	ug/l	92
70) Styrene	11.969	104	63056	4.061	ug/l	97
71) Bromoform	12.133	173	10730	3.876	ug/l #	99
73) Isopropylbenzene	12.255	105	98683	4.201	ug/l	99
74) N-amyl acetate	12.072	43	24617	3.853	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.511	83	17528	4.204	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	10672m	3.517	ug/l	
77) Bromobenzene	12.536	156	22636	4.345	ug/l	93
78) n-propylbenzene	12.597	91	117950	4.236	ug/l	99
79) 2-Chlorotoluene	12.682	91	70554	4.348	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	80890	4.236	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	6035	3.818	ug/l	95
82) 4-Chlorotoluene	12.780	91	71006	4.257	ug/l	95
83) tert-Butylbenzene	12.999	119	77223	4.467	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	80656	4.267	ug/l	98
85) sec-Butylbenzene	13.176	105	111672	4.447	ug/l	98
86) p-Isopropyltoluene	13.292	119	87929	4.279	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	43397	4.287	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	43288	4.309	ug/l	91
89) n-Butylbenzene	13.615	91	83587	4.255	ug/l	99
90) Hexachloroethane	13.877	117	18449	4.315	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	37978	4.204	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2887	4.155	ug/l	74
93) 1,2,4-Trichlorobenzene	14.919	180	21035	3.829	ug/l	97
94) Hexachlorobutadiene	15.023	225	12339	4.204	ug/l	97
95) Naphthalene	15.145	128	38801	3.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	17551	3.735	ug/l	96

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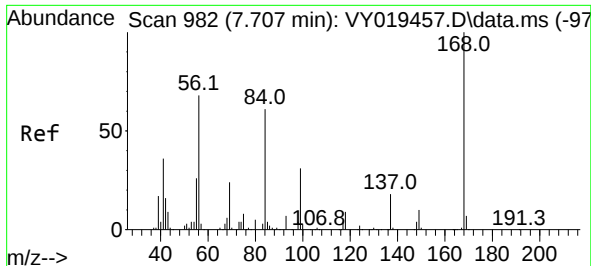
Manual Integrations
APPROVED

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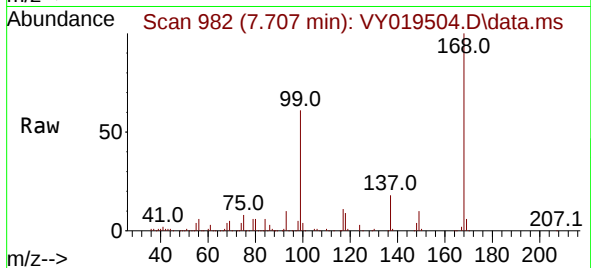
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019504.D
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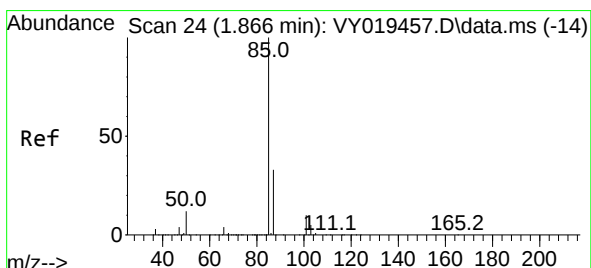
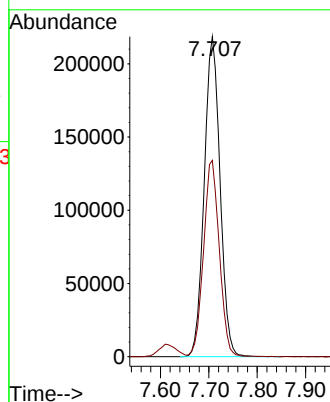
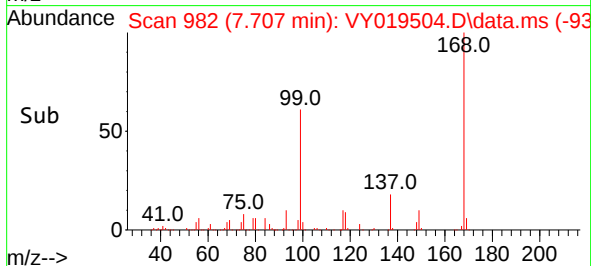
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MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:168 Resp: 49635
Ion Ratio Lower Upper
168 100
99 61.4 39.1 58.7

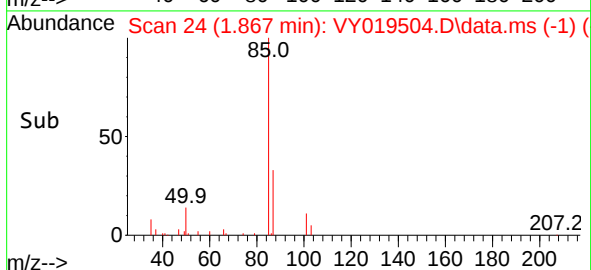
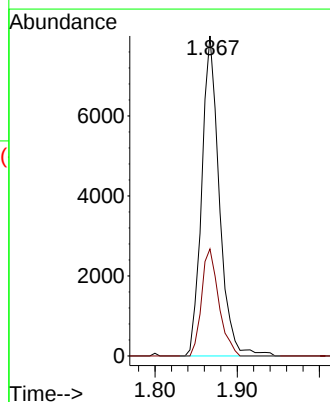
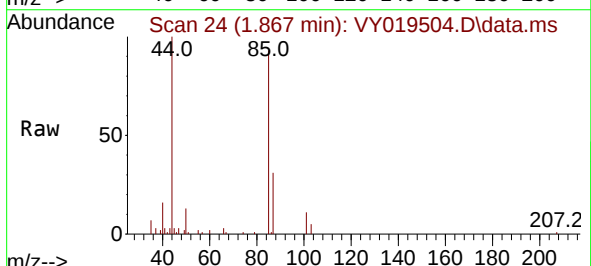
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#2
Dichlorodifluoromethane
Concen: 3.778 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

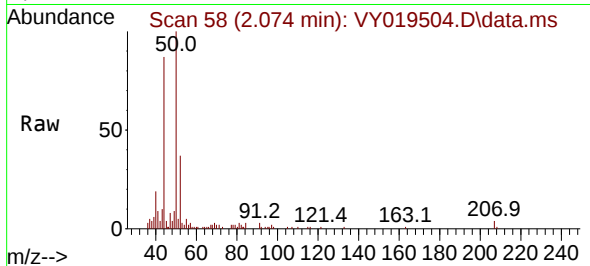
Tgt Ion: 85 Resp: 11855
Ion Ratio Lower Upper
85 100
87 33.5 16.0 48.0





#3
Chloromethane
Concen: 2.969 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

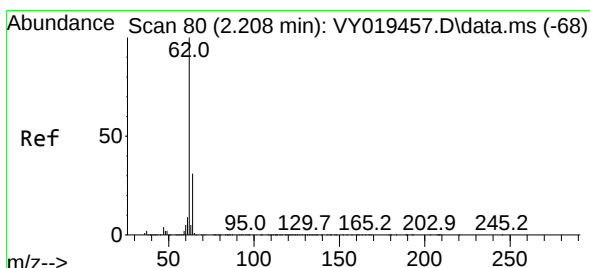
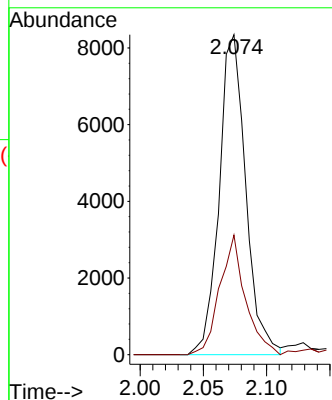
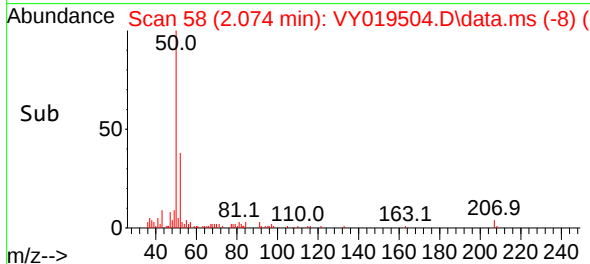
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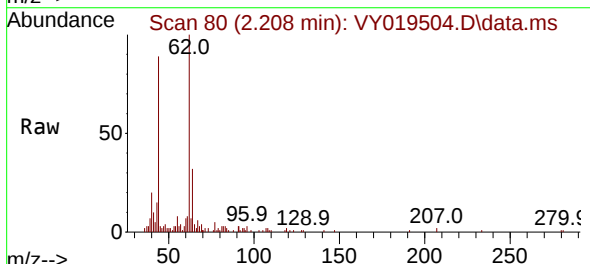
Tgt Ion: 50 Resp: 12192
Ion Ratio Lower Upper
50 100
52 37.4 25.6 38.4

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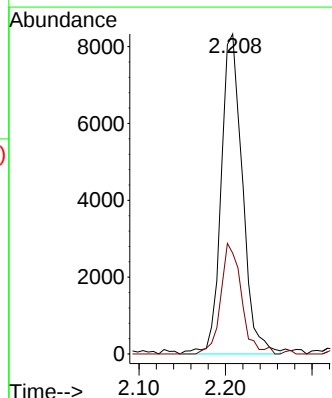
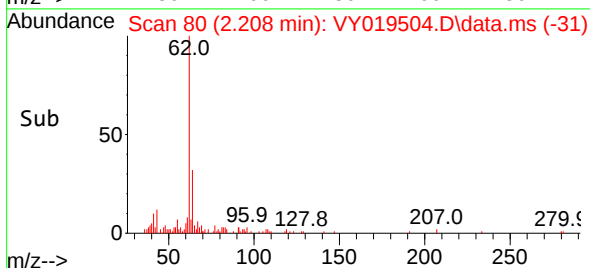
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Supervised By :Semsettin Yesilyurt 09/12/2024



#4
Vinyl Chloride
Concen: 3.206 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



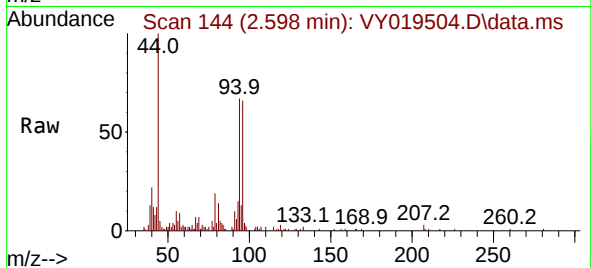
Tgt Ion: 62 Resp: 14236
Ion Ratio Lower Upper
62 100
64 31.5 26.1 39.1





#5
Bromomethane
Concen: 3.755 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

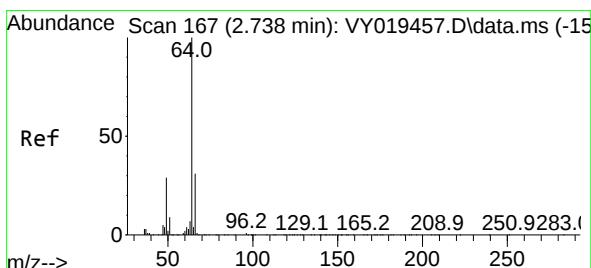
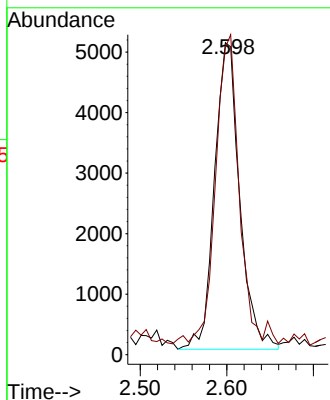
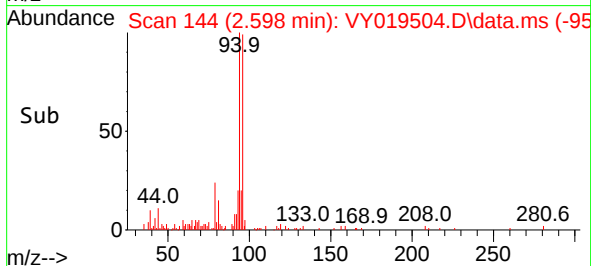
Instrument :
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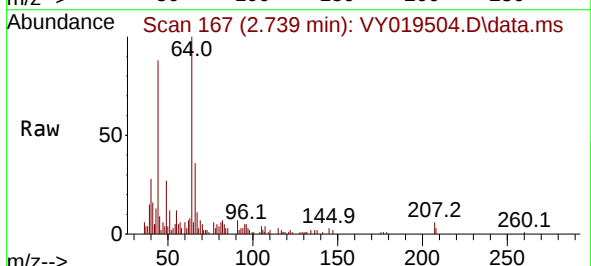
Tgt Ion: 94 Resp: 1024
Ion Ratio Lower Upper
94 100
96 96.5 74.1 111.1

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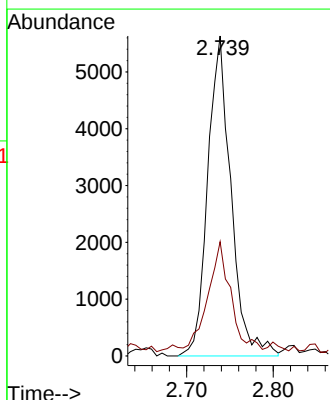
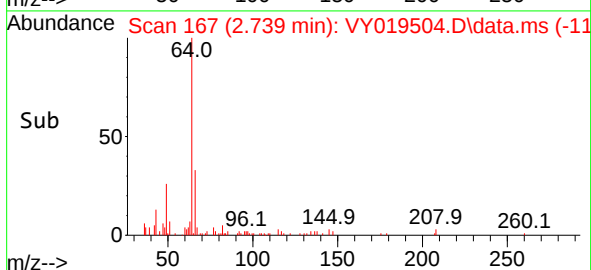
Reviewed By :Mahesh Dadoda 09/12/2024
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#6
Chloroethane
Concen: 3.624 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



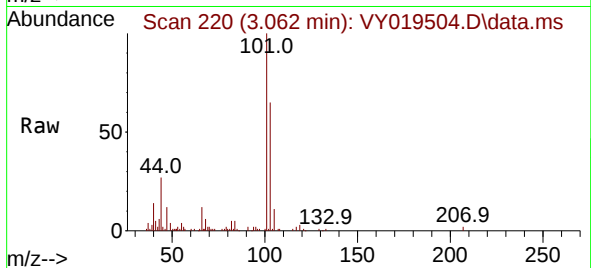
Tgt Ion: 64 Resp: 10521
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1





#7
Trichlorofluoromethane
Concen: 3.937 ug/l
RT: 3.062 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019504.D
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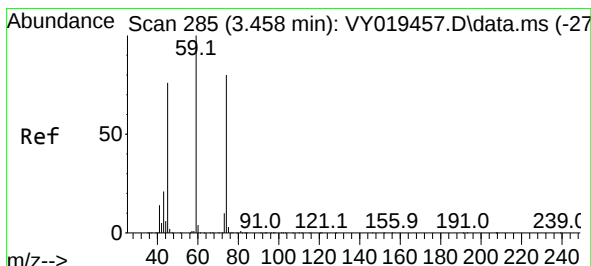
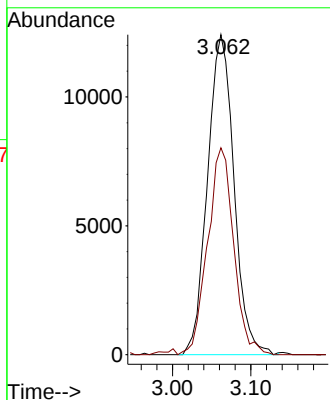
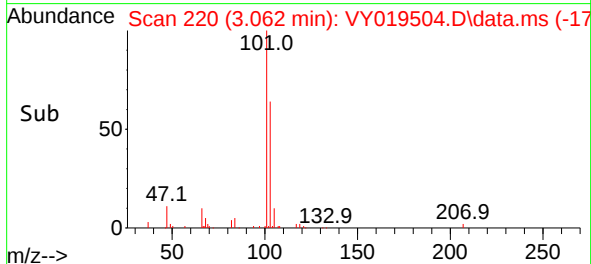
Instrument :
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Tgt Ion:101 Resp: 2914
Ion Ratio Lower Upper
101 100
103 64.6 49.3 73.9

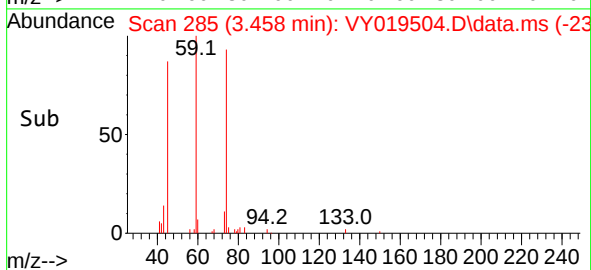
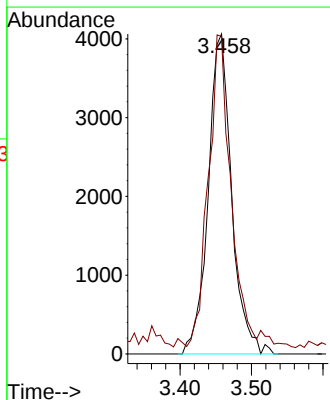
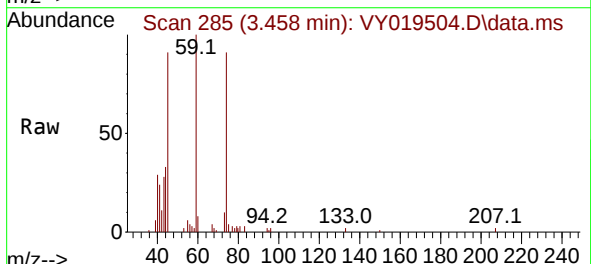
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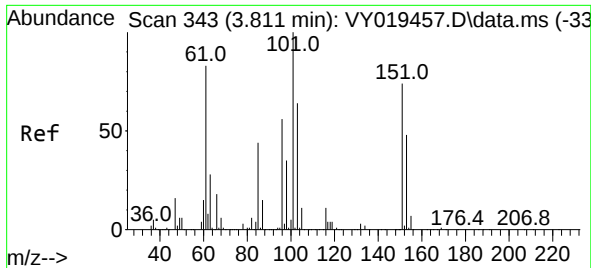
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#8
Diethyl Ether
Concen: 3.727 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

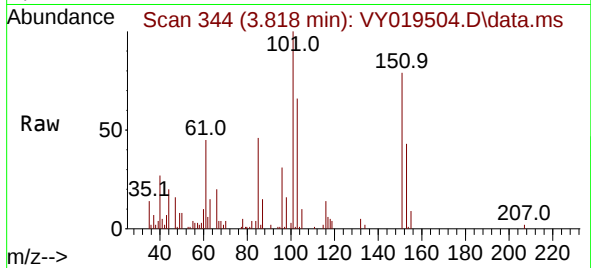
Tgt Ion: 74 Resp: 9260
Ion Ratio Lower Upper
74 100
45 92.8 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.996 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019504.D
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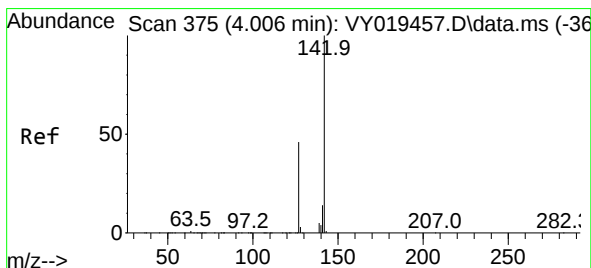
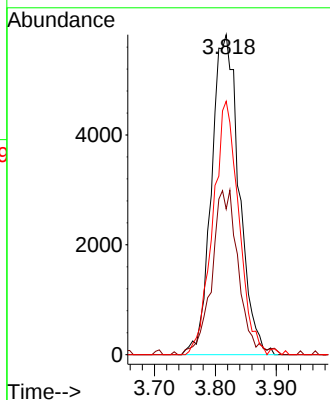
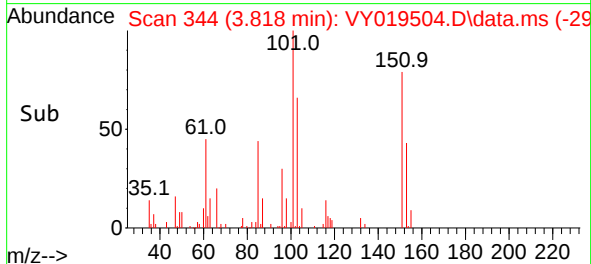
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Tgt Ion:101 Resp: 18300
Ion Ratio Lower Upper
101 100
85 49.7 34.5 51.7
151 74.4 61.7 92.5

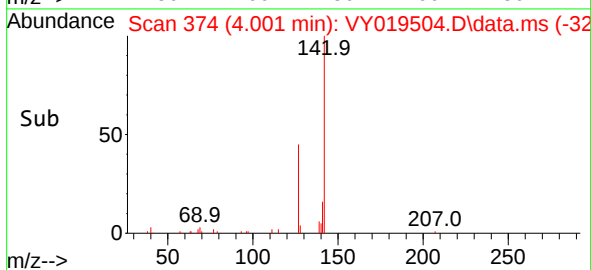
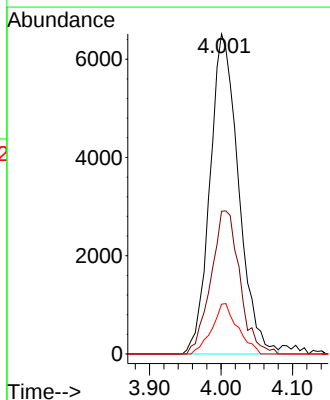
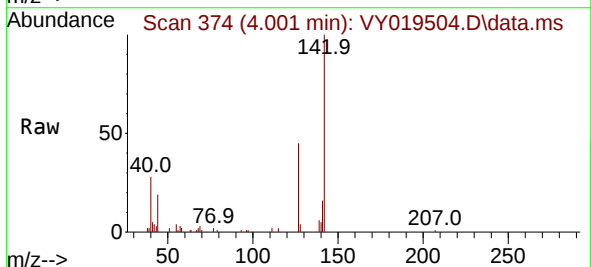
Manual Integrations
APPROVED

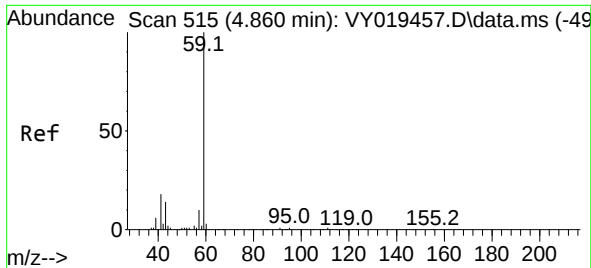
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#10
Methyl Iodide
Concen: 3.081 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

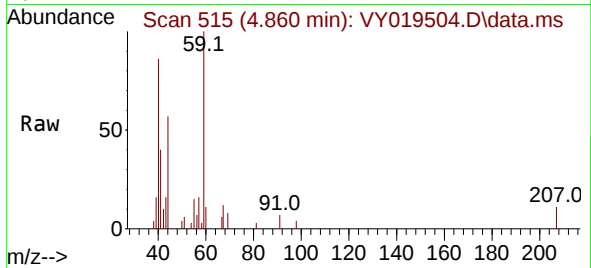
Tgt Ion:142 Resp: 18090
Ion Ratio Lower Upper
142 100
127 45.2 32.8 49.2
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 21.041 ug/l m
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

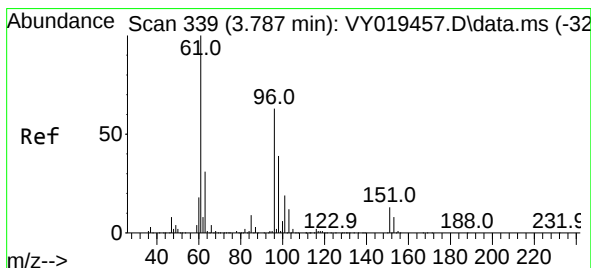
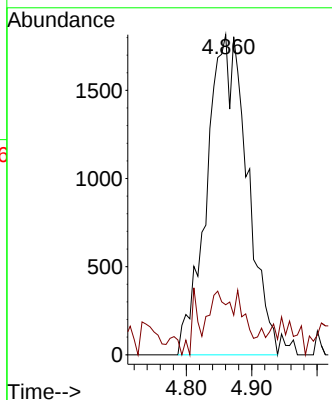
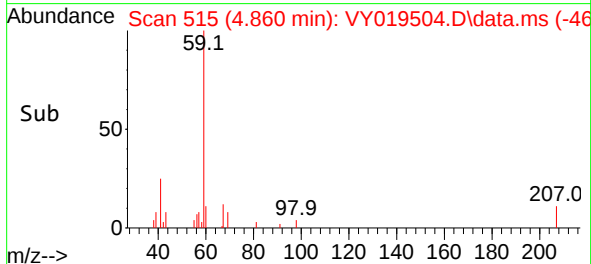
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



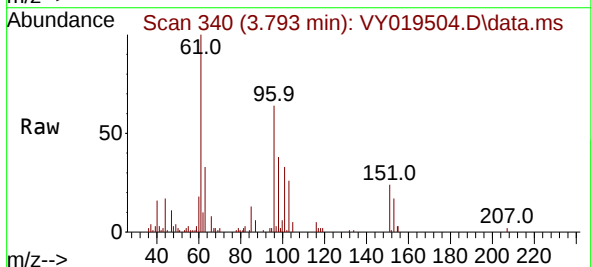
Tgt Ion: 59 Resp: 7810
Ion Ratio Lower Upper
59 100
57 6.6 3.0 4.6

Manual Integrations
APPROVED

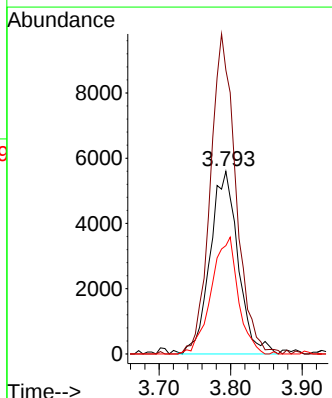
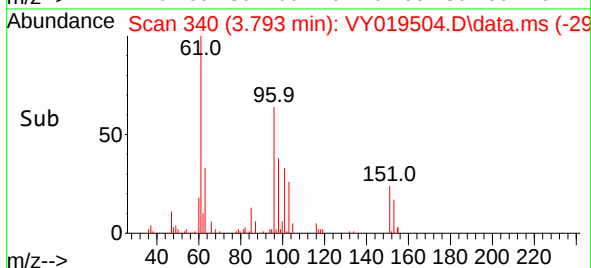
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

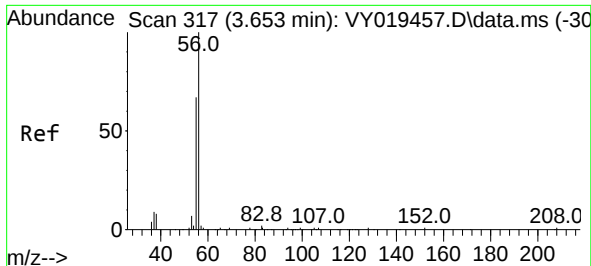


#12
1,1-Dichloroethene
Concen: 3.450 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



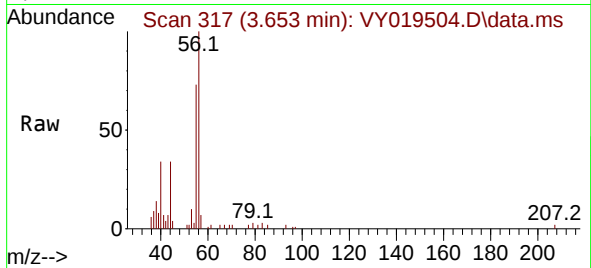
Tgt Ion: 96 Resp: 15194
Ion Ratio Lower Upper
96 100
61 155.5 114.6 171.8
98 59.3 50.8 76.2





#13
Acrolein
Concen: 52.504 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

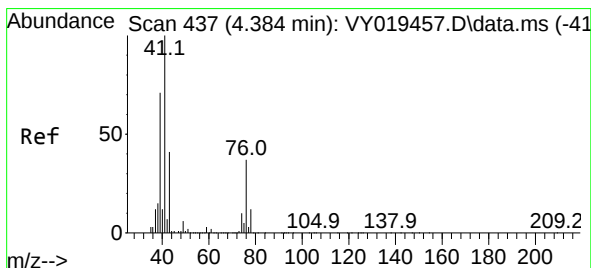
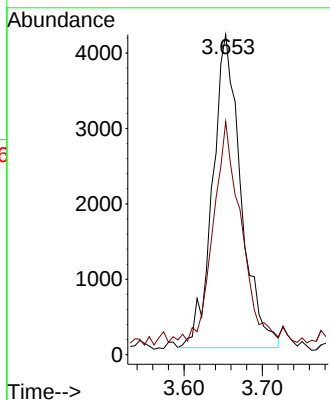
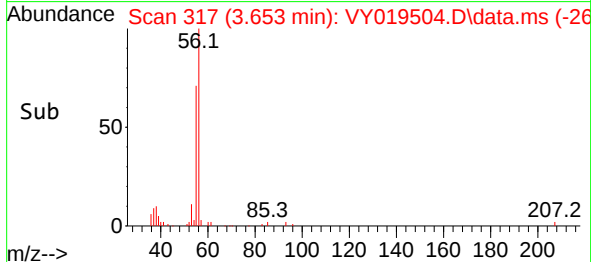
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 56 Resp: 10450
Ion Ratio Lower Upper
56 100
55 67.7 55.7 83.5

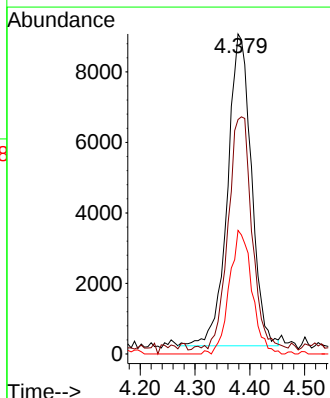
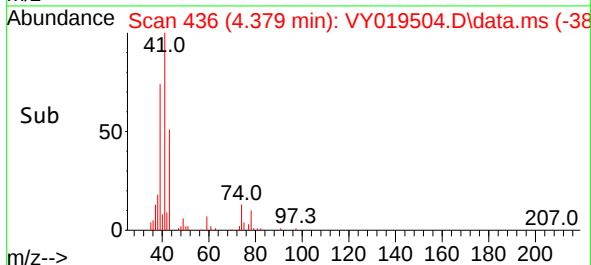
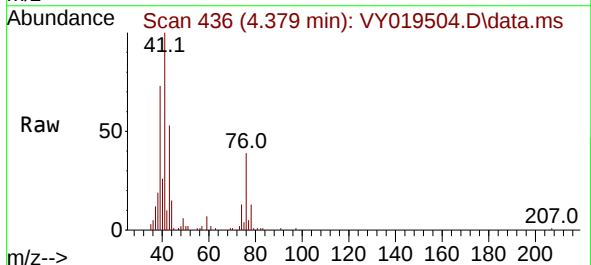
Manual Integrations
APPROVED

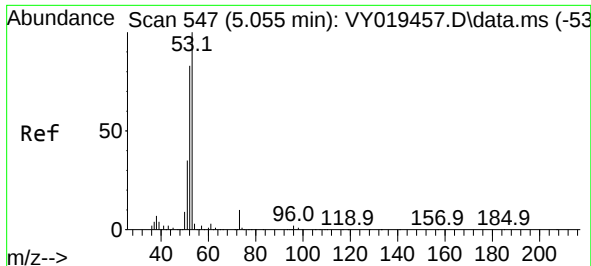
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#14
Allyl chloride
Concen: 3.388 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

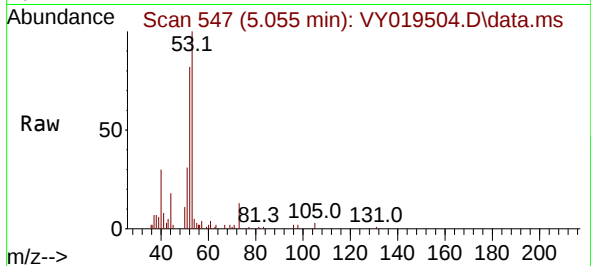
Tgt Ion: 41 Resp: 26757
Ion Ratio Lower Upper
41 100
39 72.9 58.3 87.5
76 37.4 39.0 58.6





#15
Acrylonitrile
Concen: 20.380 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

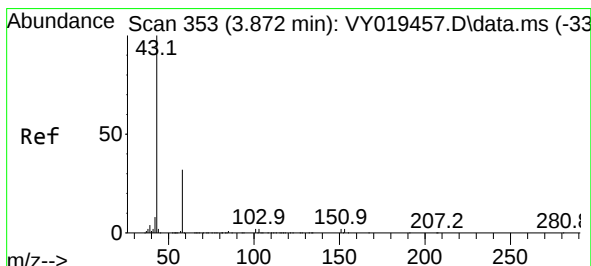
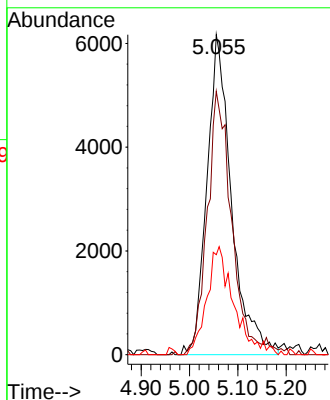
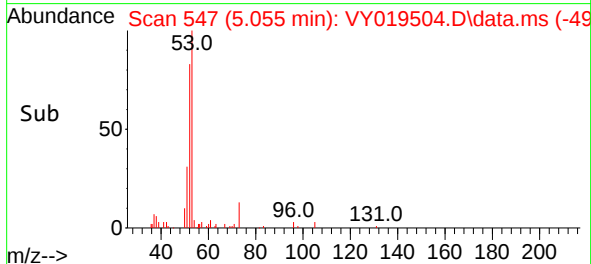
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



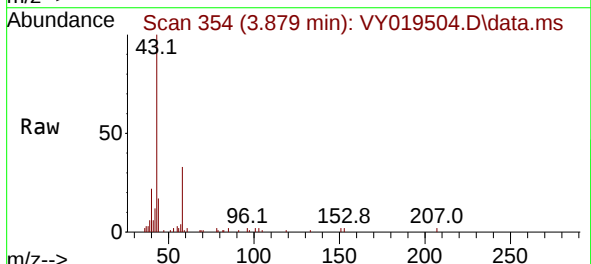
Tgt Ion: 53 Resp: 21835
Ion Ratio Lower Upper
53 100
52 80.1 64.7 97.1
51 37.0 28.4 42.6

Manual Integrations
APPROVED

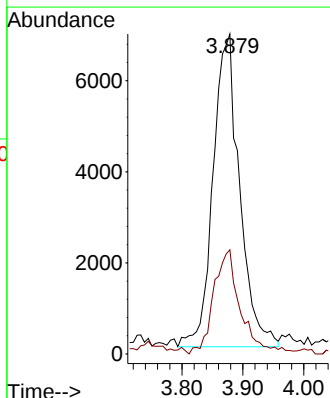
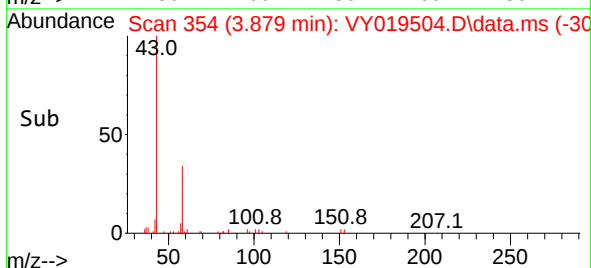
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#16
Acetone
Concen: 19.018 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



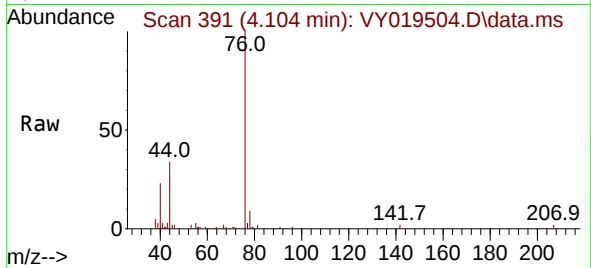
Tgt Ion: 43 Resp: 20824
Ion Ratio Lower Upper
43 100
58 32.0 31.7 47.5





#17
Carbon Disulfide
Concen: 1.650 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

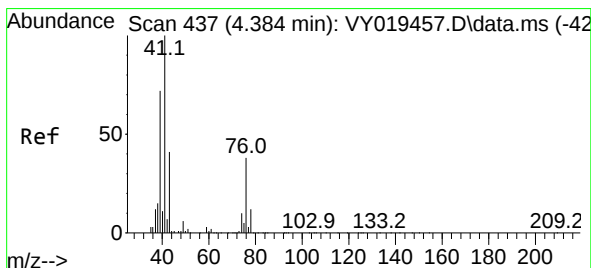
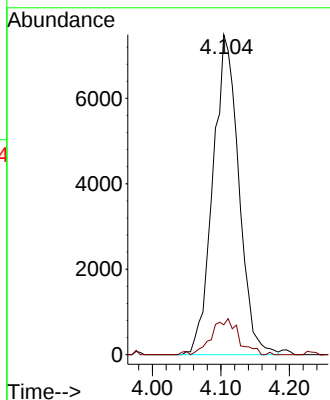
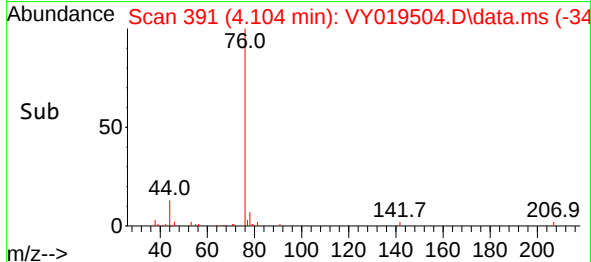
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 76 Resp: 1963
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

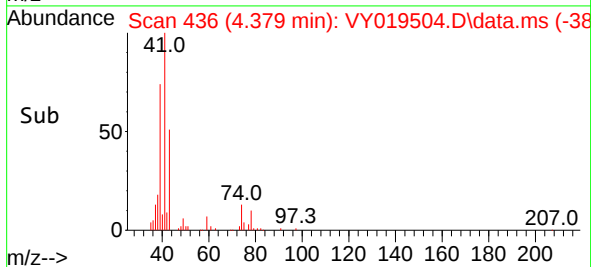
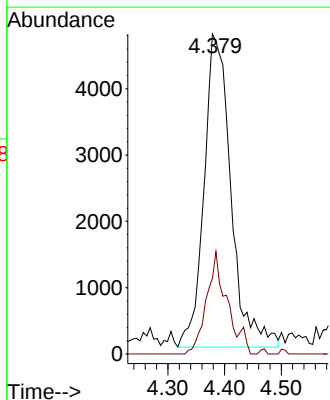
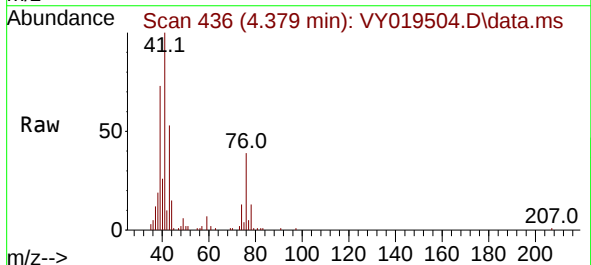
Manual Integrations
APPROVED

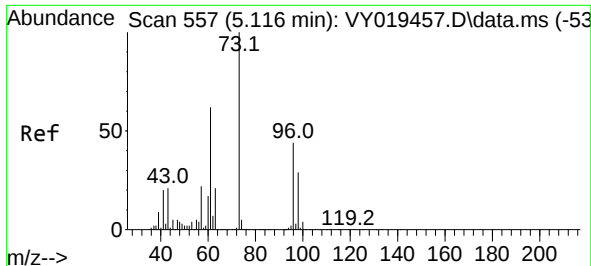
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#18
Methyl Acetate
Concen: 5.248 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

Tgt Ion: 43 Resp: 15593
Ion Ratio Lower Upper
43 100
74 22.8 23.3 34.9#





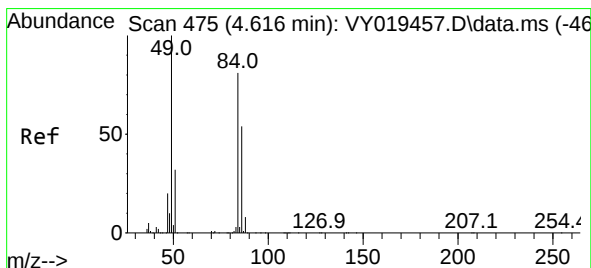
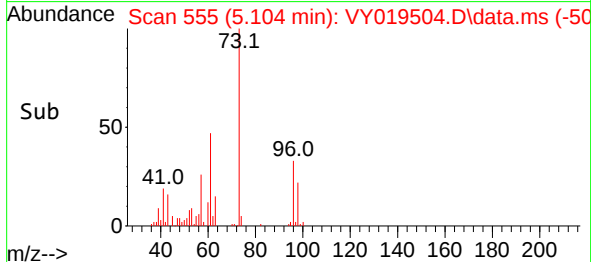
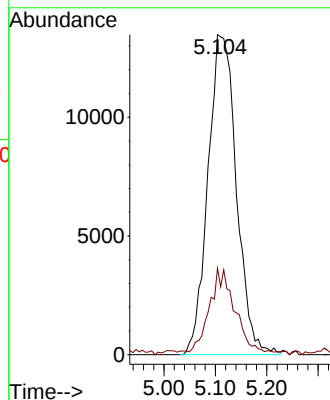
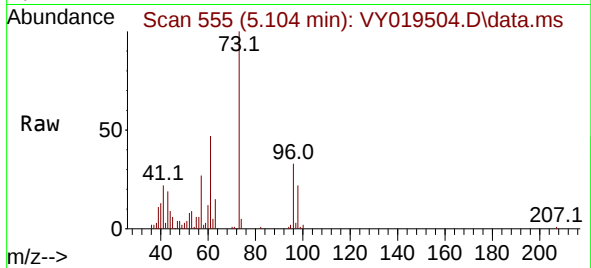
#19
Methyl tert-butyl Ether
Concen: 4.161 ug/l
RT: 5.104 min Scan# 5189
Delta R.T. -0.012 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

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

Tgt Ion: 73 Resp: 5189
Ion Ratio Lower Upper
73 100
57 26.3 17.3 25.9

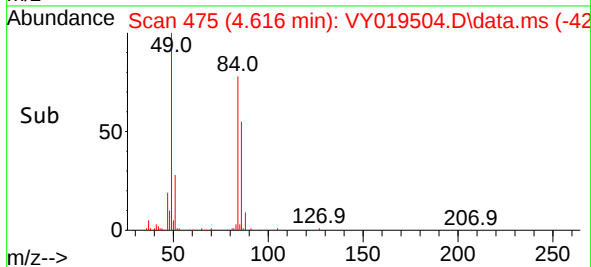
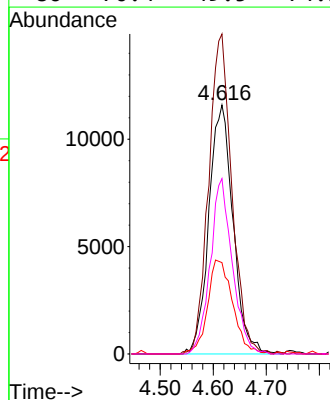
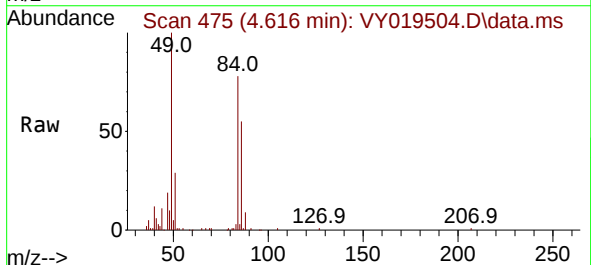
Manual Integrations
APPROVED

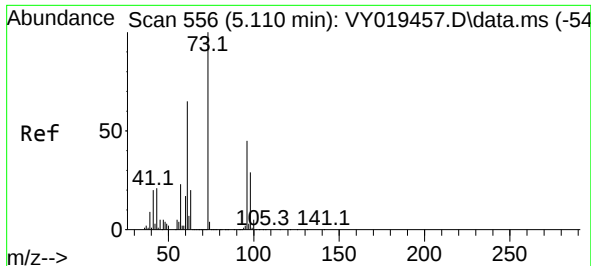
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#20
Methylene Chloride
Concen: 7.357 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

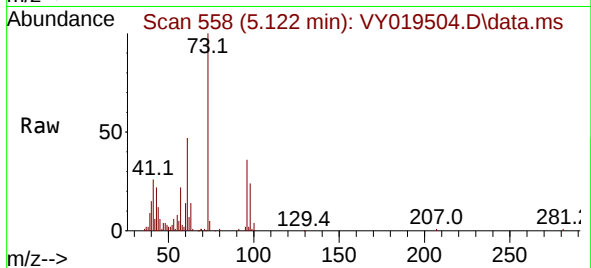
Tgt Ion: 84 Resp: 36737
Ion Ratio Lower Upper
84 100
49 128.6 84.4 126.6#
51 36.7 26.0 39.0
86 70.4 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 3.238 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

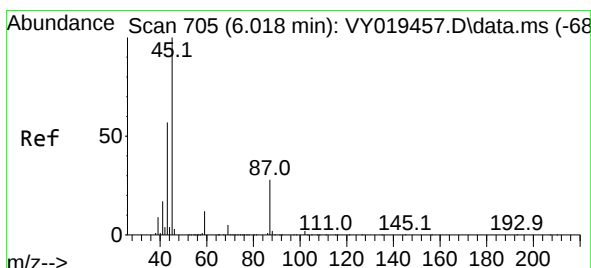
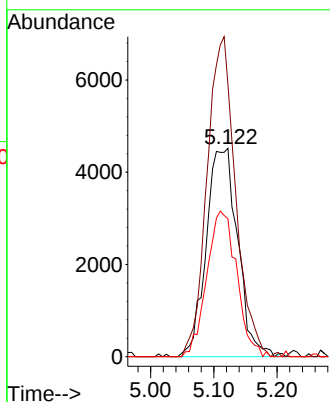
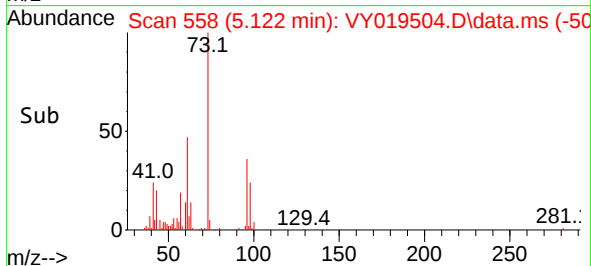
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



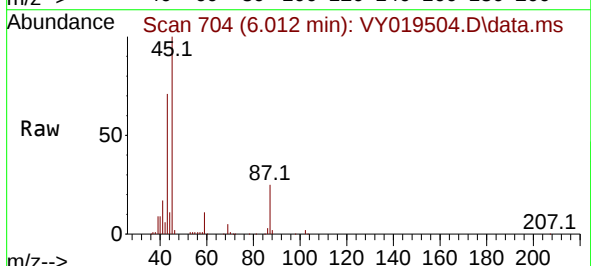
Tgt Ion: 96 Resp: 1563
Ion Ratio Lower Upper
96 100
61 130.6 97.5 146.3
98 66.1 50.5 75.7

Manual Integrations
APPROVED

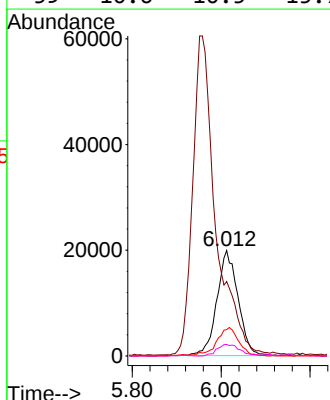
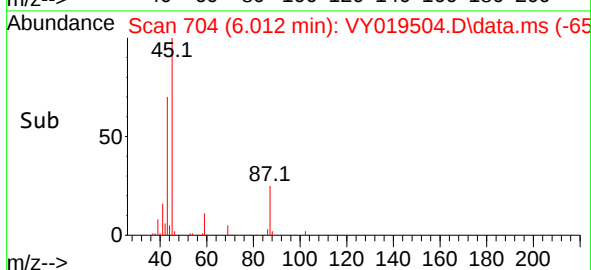
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#22
Diisopropyl ether
Concen: 4.039 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



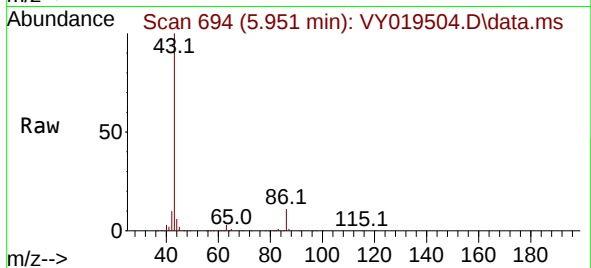
Tgt Ion: 45 Resp: 65493
Ion Ratio Lower Upper
45 100
43 68.3 42.2 63.2#
87 25.2 25.0 37.6
59 10.6 10.5 15.7





#23
 Vinyl Acetate
 Concen: 23.409 ug/l
 RT: 5.951 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY019504.D
 Acq: 11 Sep 2024 12:15

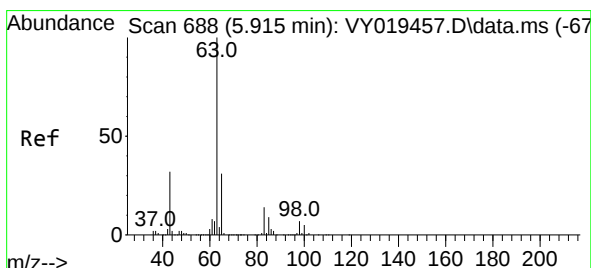
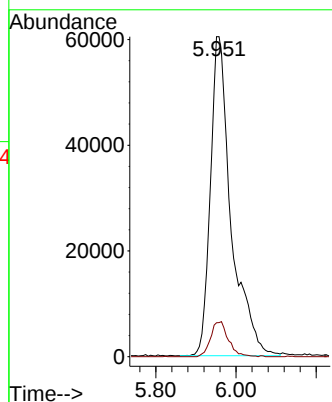
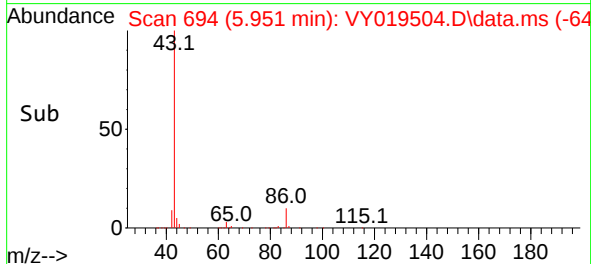
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 21683
 Ion Ratio Lower Upper
 43 100
 86 10.6 10.6 16.0

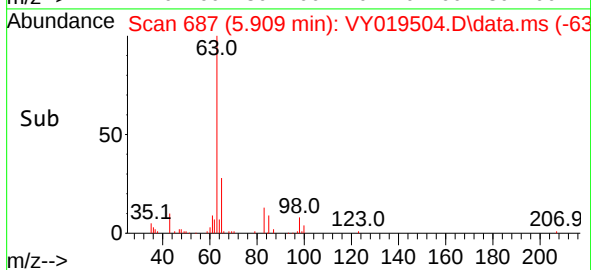
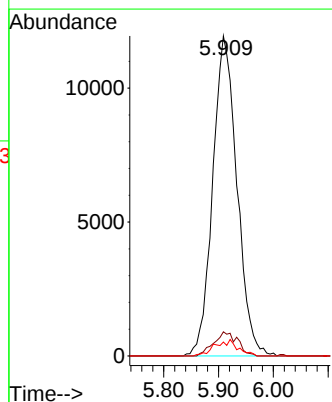
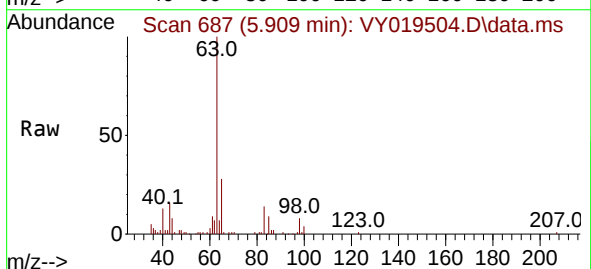
Manual Integrations
 APPROVED

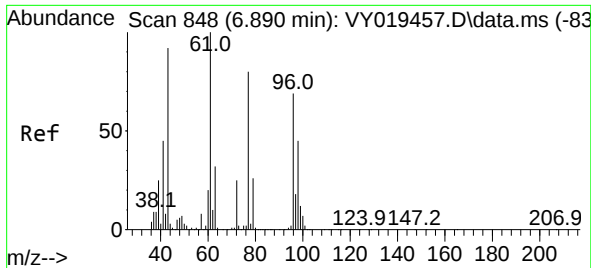
Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024



#24
 1,1-Dichloroethane
 Concen: 4.032 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019504.D
 Acq: 11 Sep 2024 12:15

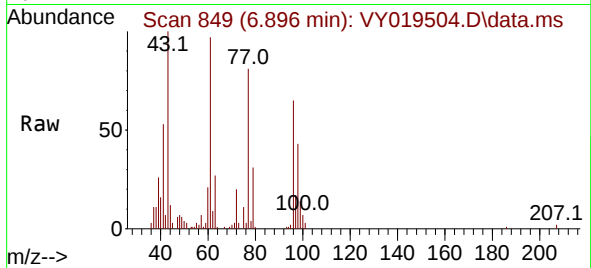
Tgt Ion: 63 Resp: 36694
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 4.4 2.6 8.0





#25
2-Butanone
Concen: 17.388 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

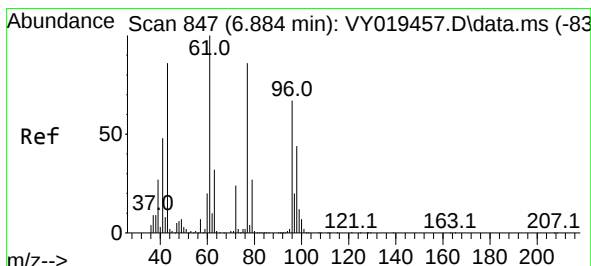
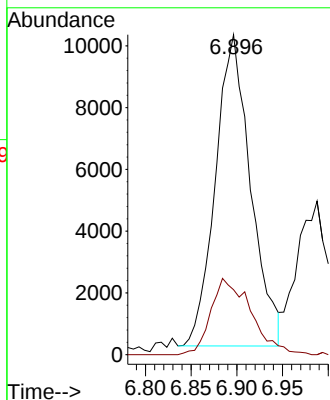
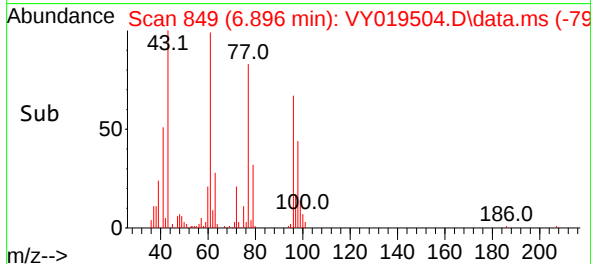
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 27078
Ion Ratio Lower Upper
43 100
72 20.9 27.3 40.9

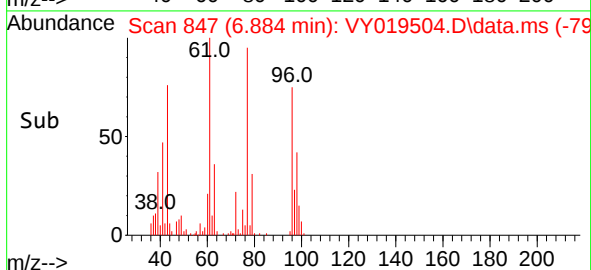
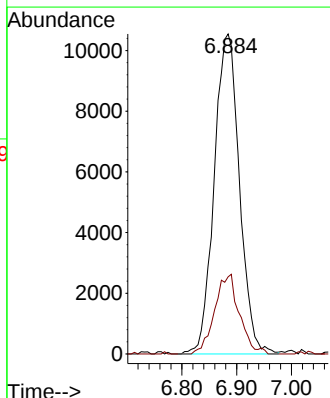
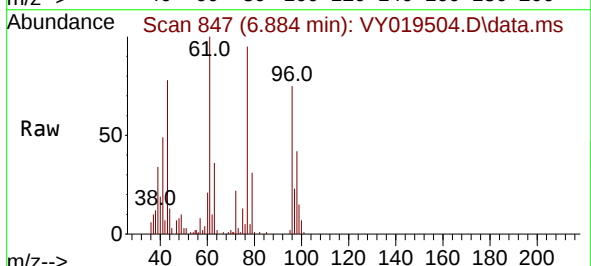
Manual Integrations
APPROVED

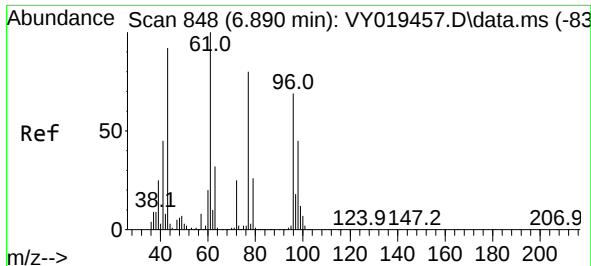
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#26
2,2-Dichloropropane
Concen: 4.112 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

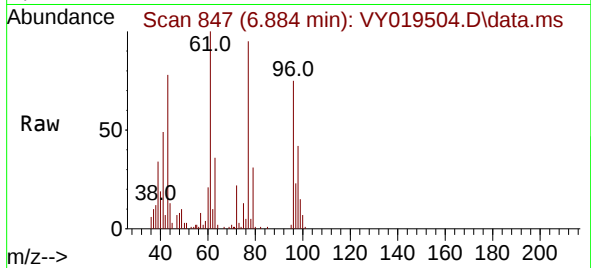
Tgt Ion: 77 Resp: 33757
Ion Ratio Lower Upper
77 100
97 24.3 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 4.024 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

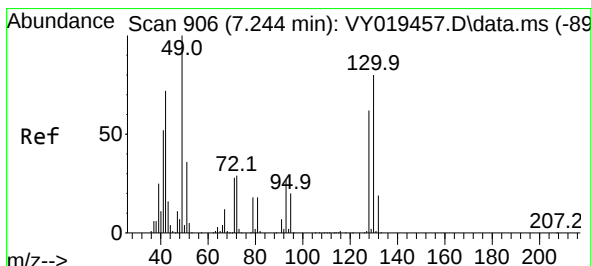
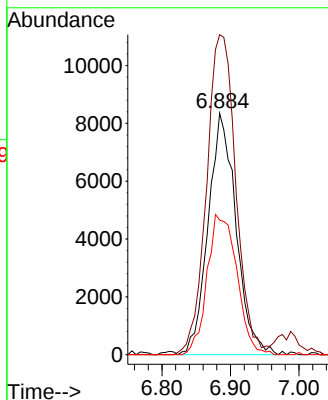
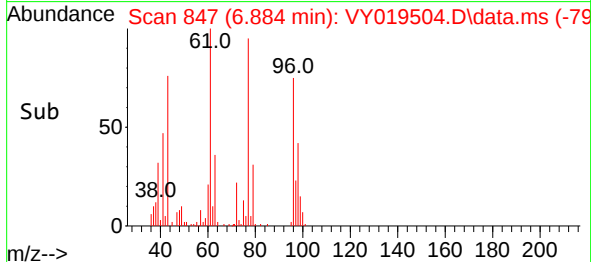
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 96 Resp: 23590
Ion Ratio Lower Upper
96 100
61 139.5 0.0 256.2
98 61.9 0.0 130.0

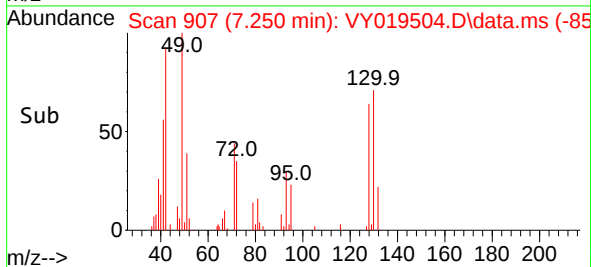
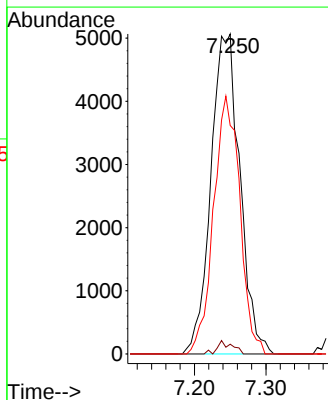
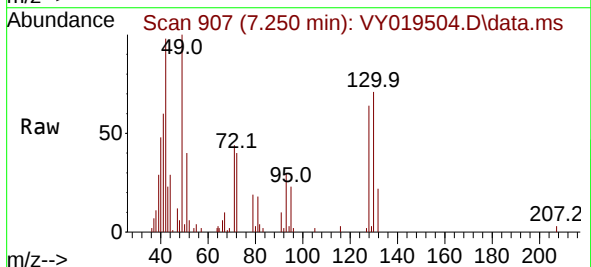
Manual Integrations
APPROVED

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



#28
Bromochloromethane
Concen: 3.730 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

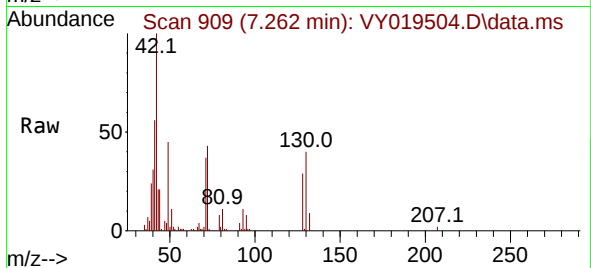
Tgt Ion: 49 Resp: 14281
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 72.8 72.7 109.1





#29
Tetrahydrofuran
Concen: 17.447 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

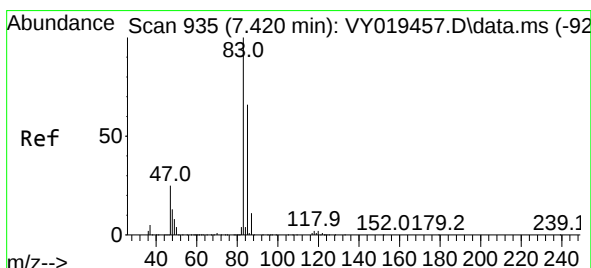
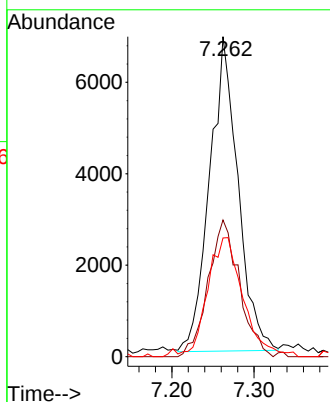
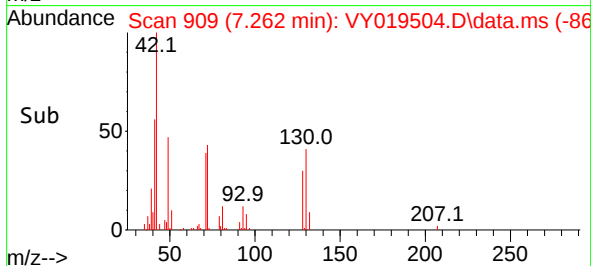
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



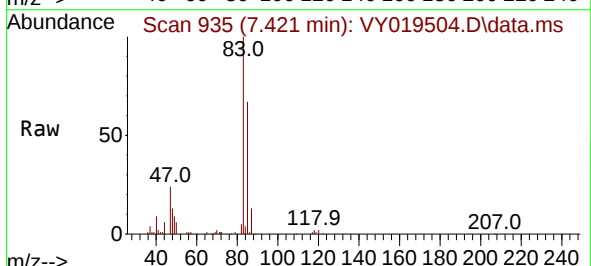
Tgt Ion: 42 Resp: 16520
Ion Ratio Lower Upper
42 100
72 47.6 43.0 64.4
71 47.0 40.8 61.2

Manual Integrations
APPROVED

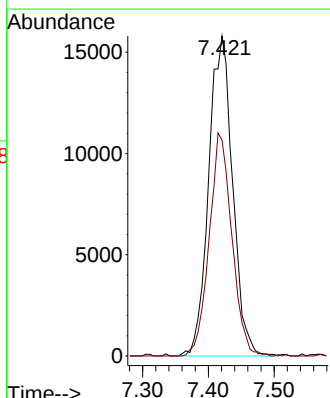
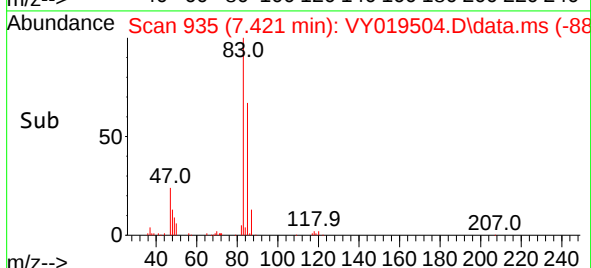
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#30
Chloroform
Concen: 4.306 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



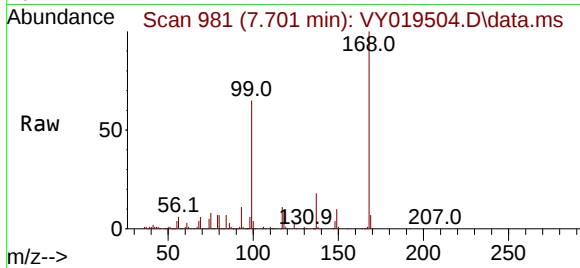
Tgt Ion: 83 Resp: 40002
Ion Ratio Lower Upper
83 100
85 67.4 52.2 78.4





#31
Cyclohexane
Concen: 4.007 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

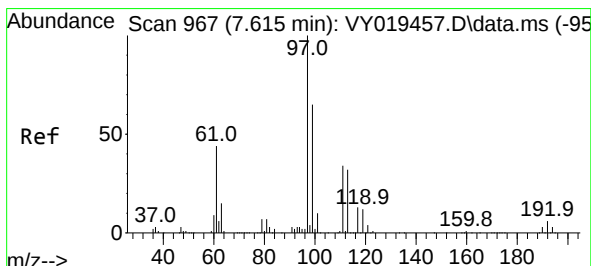
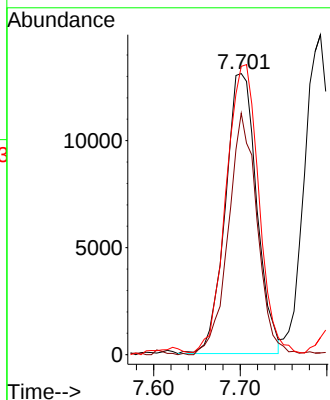
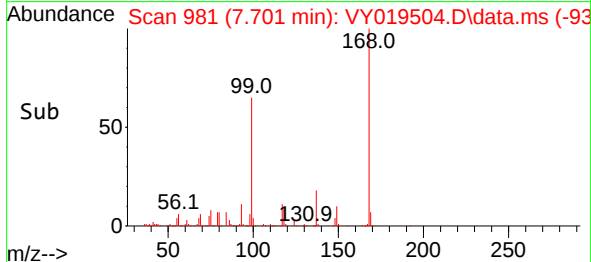
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



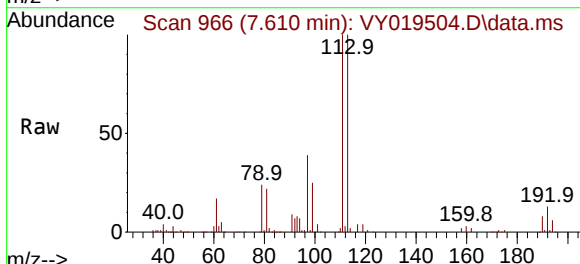
Tgt Ion: 56 Resp: 32960
Ion Ratio Lower Upper
56 100
69 86.2 28.7 43.1
84 100.9 77.7 116.5

Manual Integrations
APPROVED

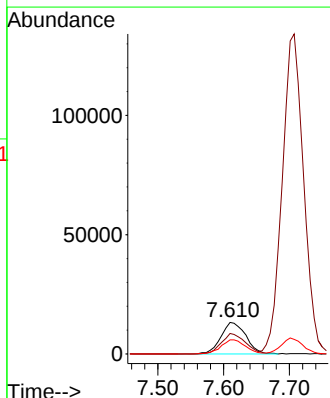
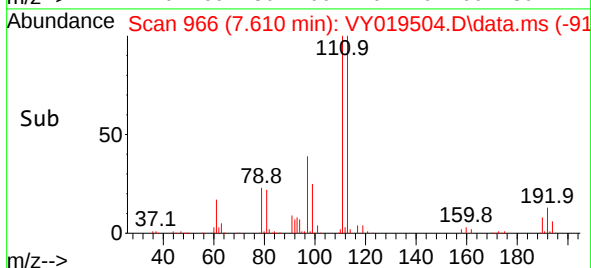
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

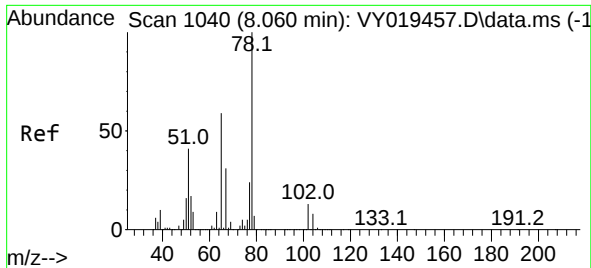


#32
1,1,1-Trichloroethane
Concen: 4.187 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



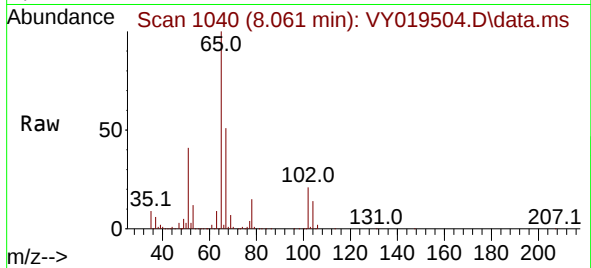
Tgt Ion: 97 Resp: 34861
Ion Ratio Lower Upper
97 100
99 61.7 50.3 75.5
61 43.8 32.6 48.8





#33
1,2-Dichloroethane-d4
Concen: 48.325 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

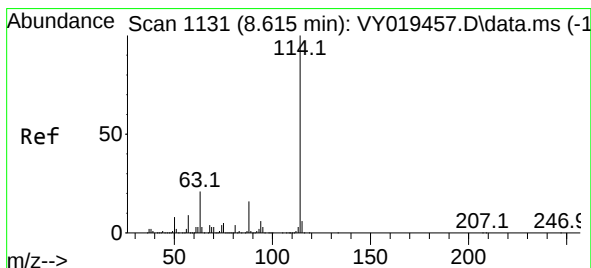
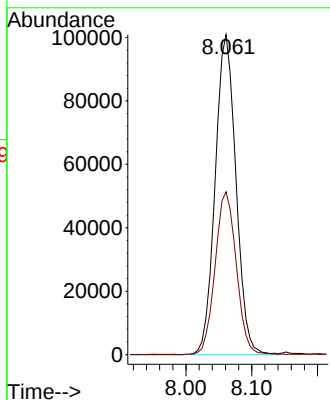
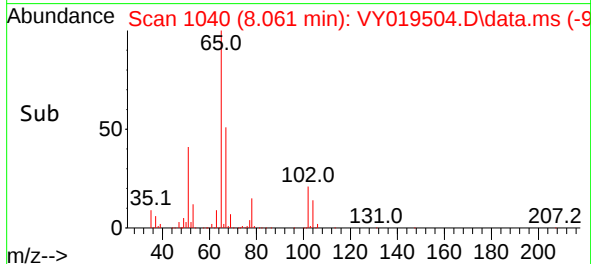
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



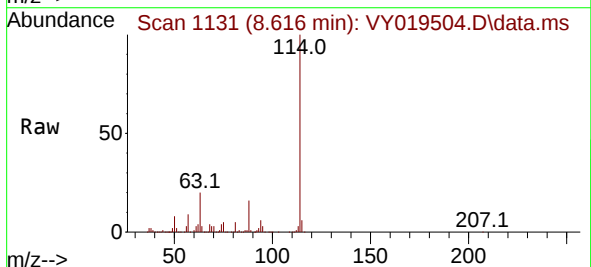
Tgt Ion: 65 Resp: 222108
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6

Manual Integrations
APPROVED

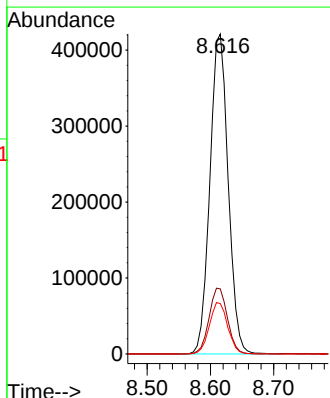
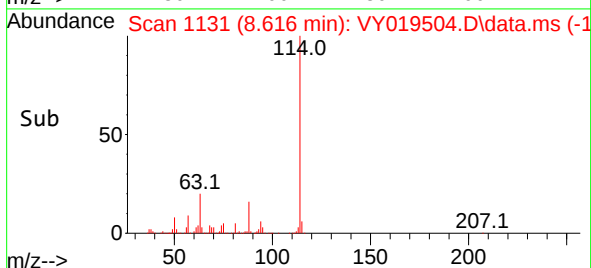
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

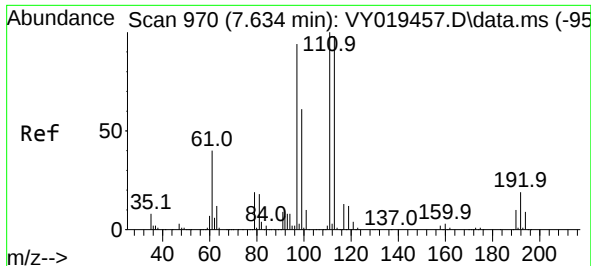


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



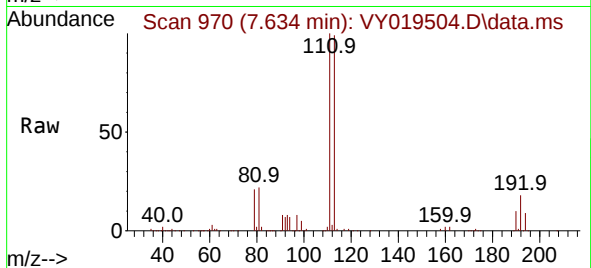
Tgt Ion:114 Resp: 846160
Ion Ratio Lower Upper
114 100
63 20.3 0.0 35.0
88 15.8 0.0 27.2





#35
Dibromofluoromethane
Concen: 47.184 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

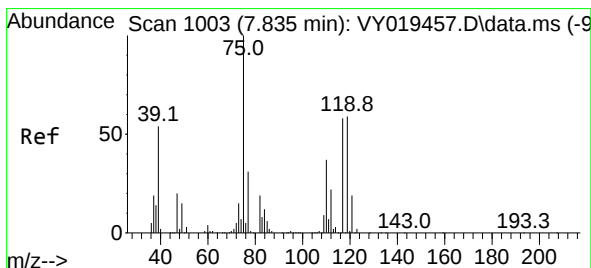
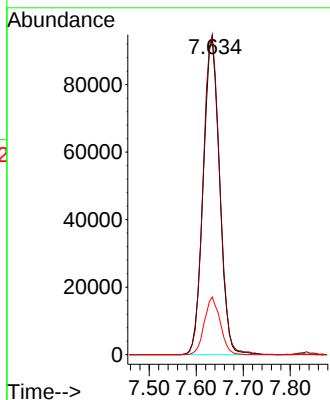
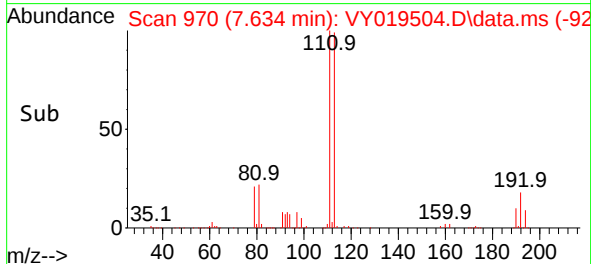
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 113 Resp: 22637
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.7 15.9 23.9

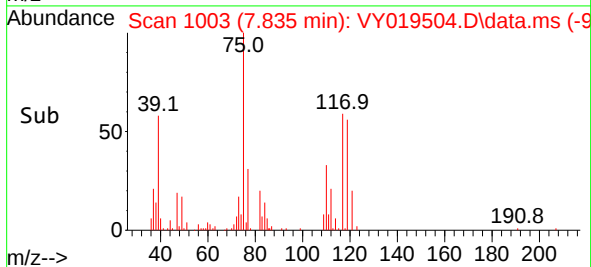
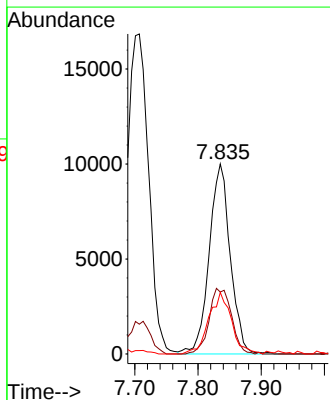
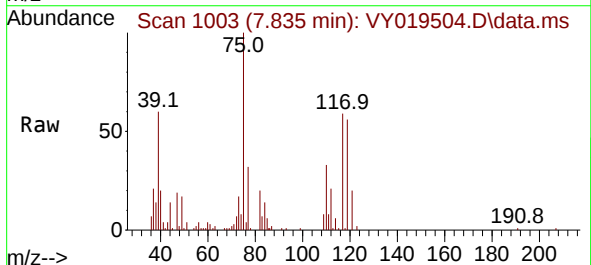
Manual Integrations
APPROVED

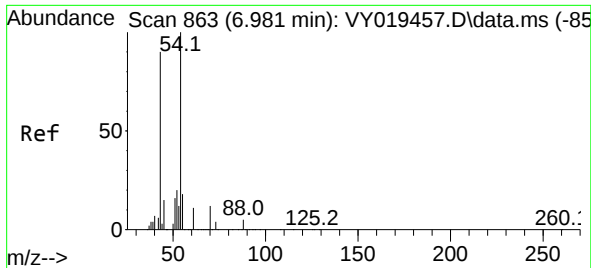
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#36
1,1-Dichloropropene
Concen: 3.553 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

Tgt Ion: 75 Resp: 23194
Ion Ratio Lower Upper
75 100
110 36.4 19.0 57.0
77 34.6 25.3 37.9





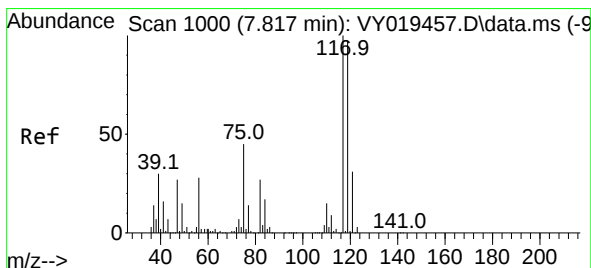
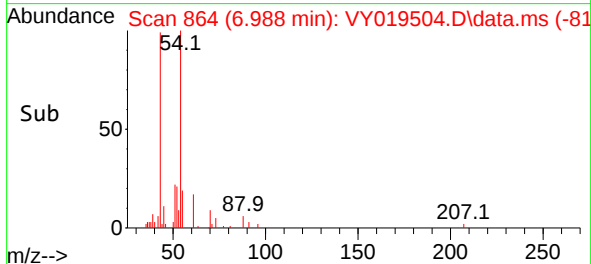
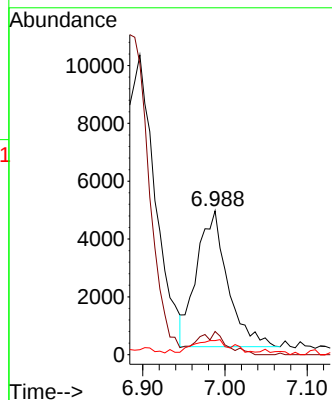
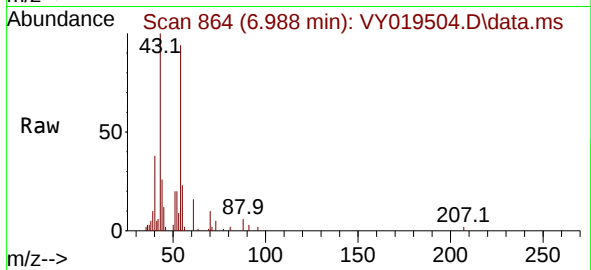
#37
Ethyl Acetate
Concen: 3.676 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

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

Tgt Ion: 43 Resp: 12294
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0
70 8.7 7.8 11.8

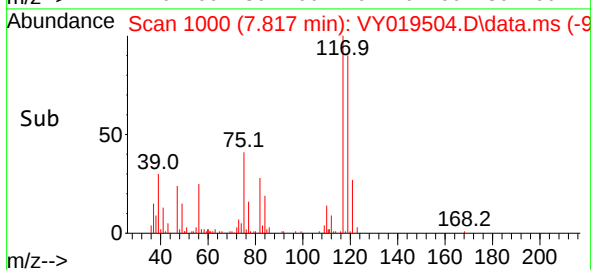
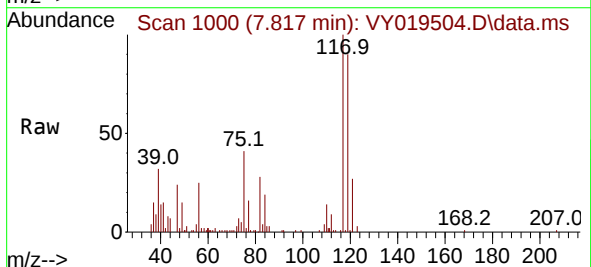
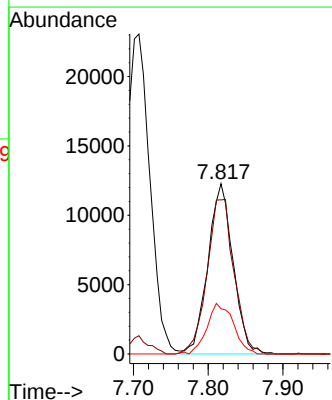
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 3.902 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

Tgt Ion:117 Resp: 28723
Ion Ratio Lower Upper
117 100
119 90.5 75.8 113.6
121 26.6 24.0 36.0





#39

Methylcyclohexane

Concen: 3.046 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019504.D

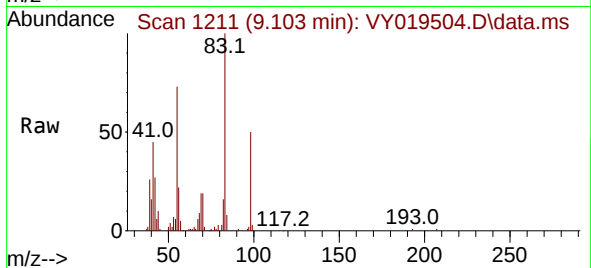
Acq: 11 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

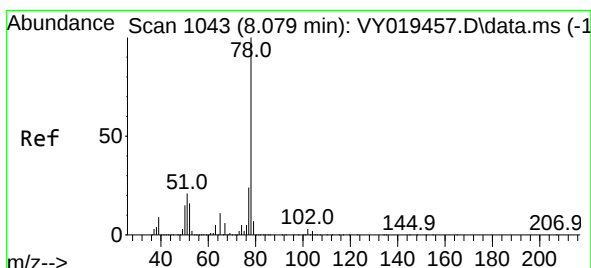
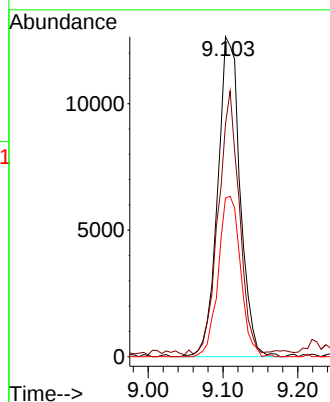
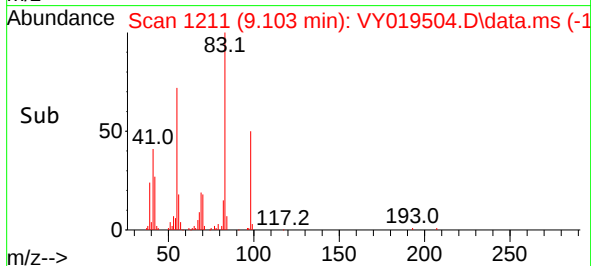


Tgt Ion: 83	Resp: 2646
Ion Ratio	Lower Upper
83	100
55	71.7 51.5 77.3
98	49.6 40.5 60.7

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 3.704 ug/l

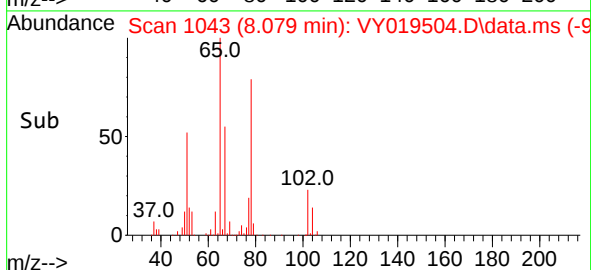
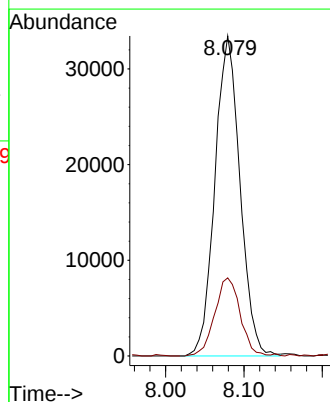
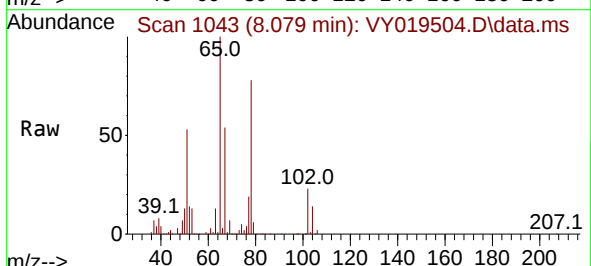
RT: 8.079 min Scan# 1043

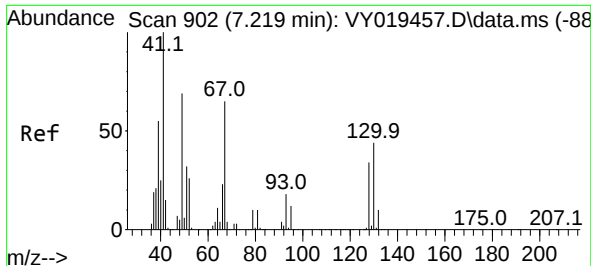
Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

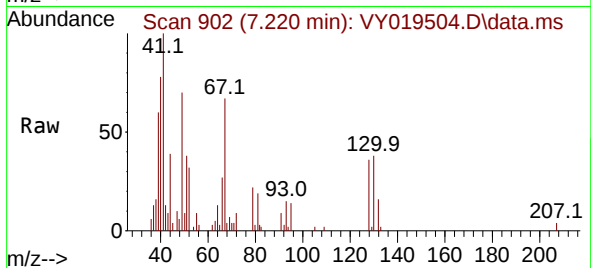
Tgt Ion: 78	Resp: 74473
Ion Ratio	Lower Upper
78	100
77	24.4 19.5 29.3





#41
Methacrylonitrile
Concen: 2.909 ug/l m
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

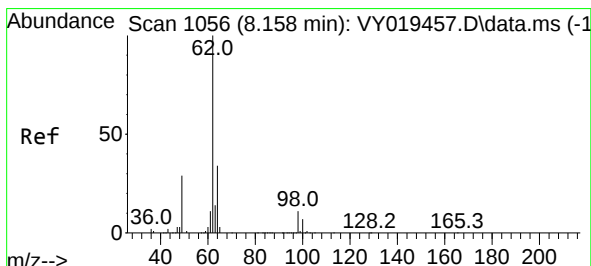
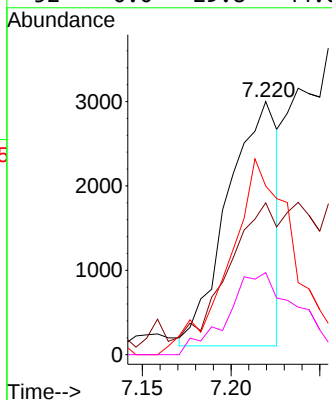
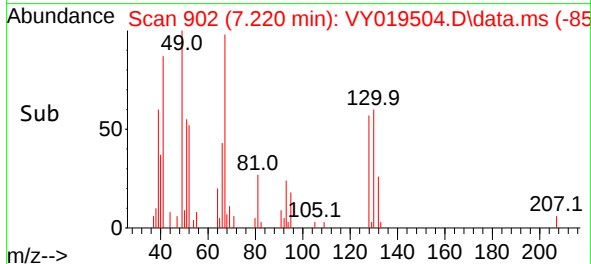
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



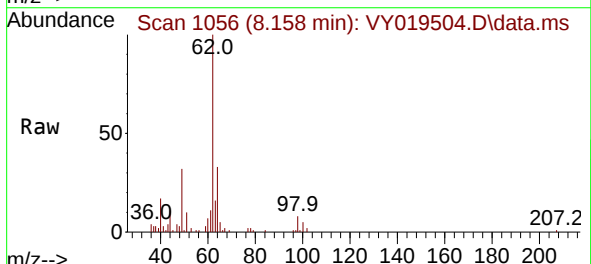
Tgt Ion: 41 Resp: 5672
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0
67 0.0 75.1 112.7
52 0.0 29.8 44.6

Manual Integrations
APPROVED

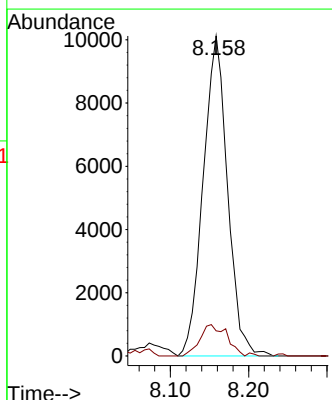
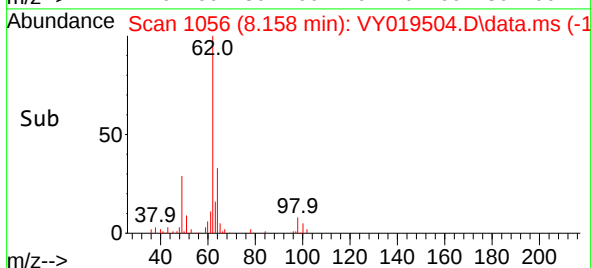
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#42
1,2-Dichloroethane
Concen: 4.041 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



Tgt Ion: 62 Resp: 21863
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0





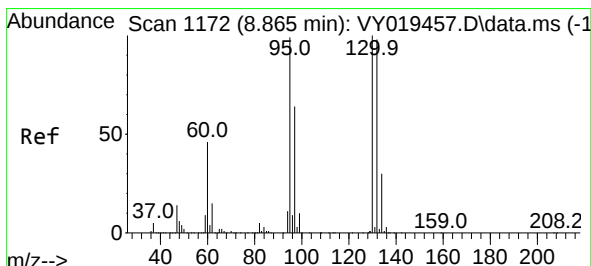
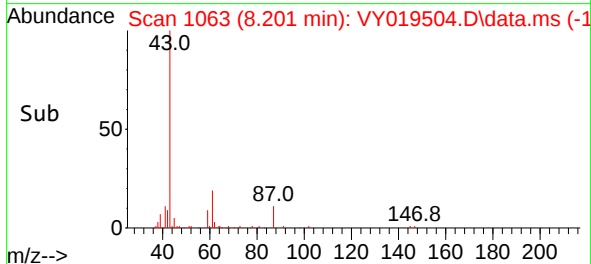
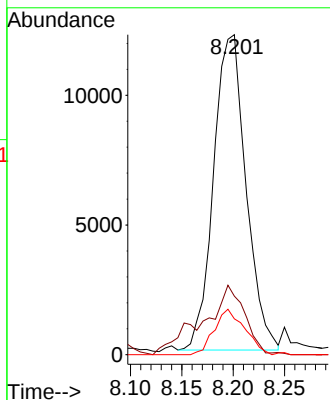
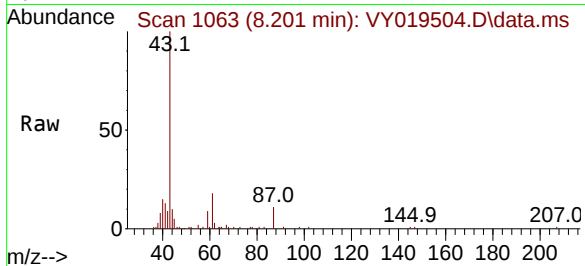
#43
Isopropyl Acetate
Concen: 3.801 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

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

Tgt Ion: 43 Resp: 26708
Ion Ratio Lower Upper
43 100
61 28.8 27.9 41.9
87 13.7 13.1 19.7

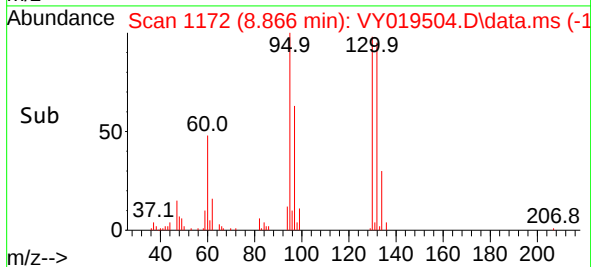
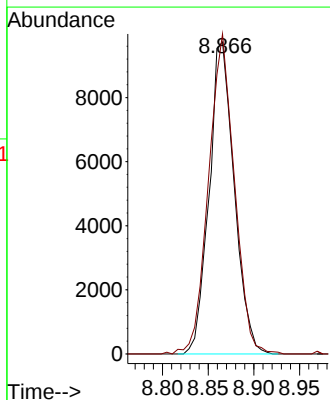
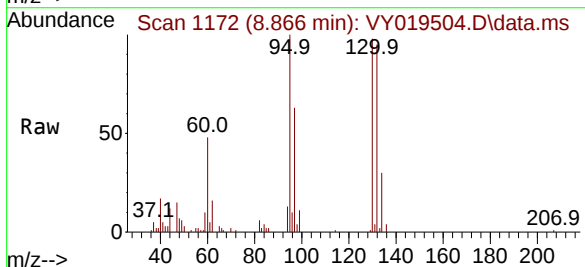
Manual Integrations
APPROVED

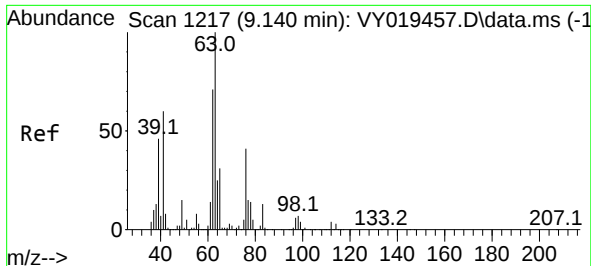
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#44
Trichloroethene
Concen: 3.594 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

Tgt Ion:130 Resp: 18585
Ion Ratio Lower Upper
130 100
95 102.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 4.168 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 63 Resp: 20489

Ion Ratio Lower Upper

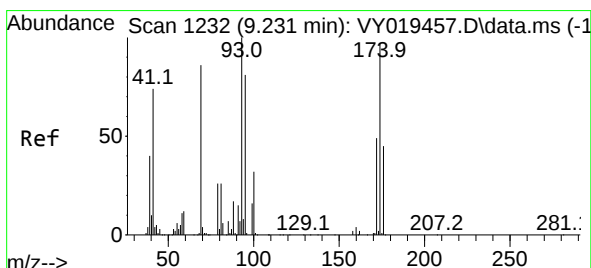
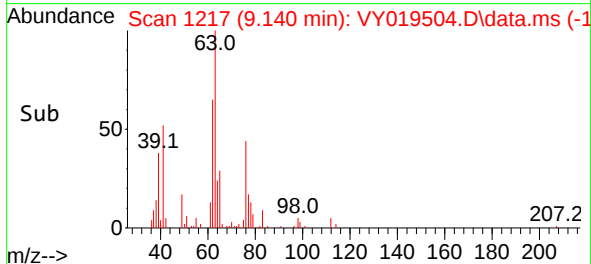
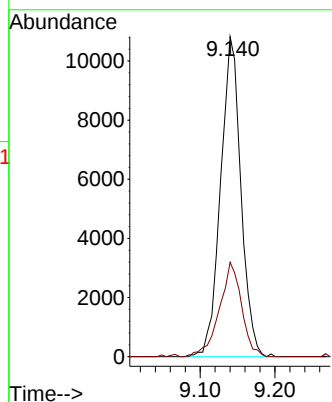
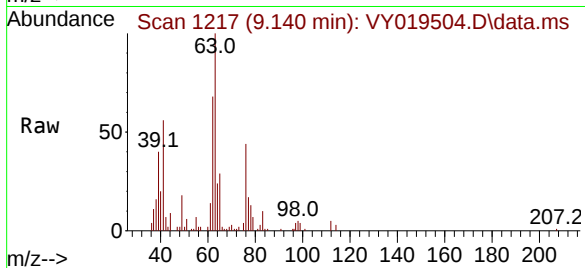
63 100

65 29.5 25.4 38.2

Manual Integrations

APPROVED

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



#46

Dibromomethane

Concen: 4.001 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

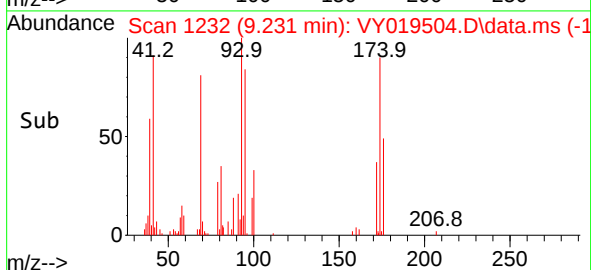
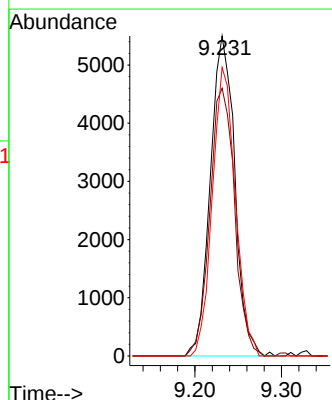
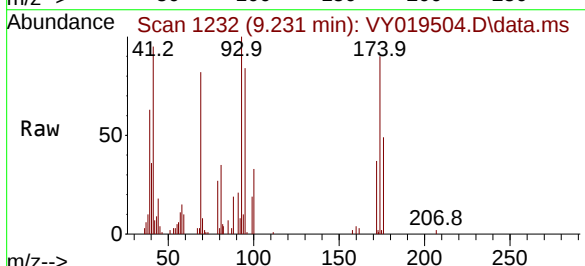
Tgt Ion: 93 Resp: 10756

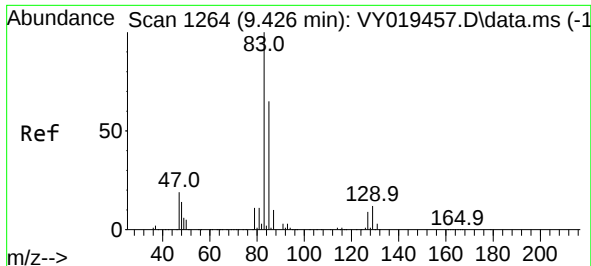
Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.4

174 85.3 80.9 121.3





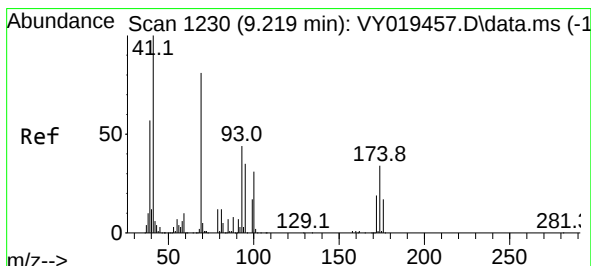
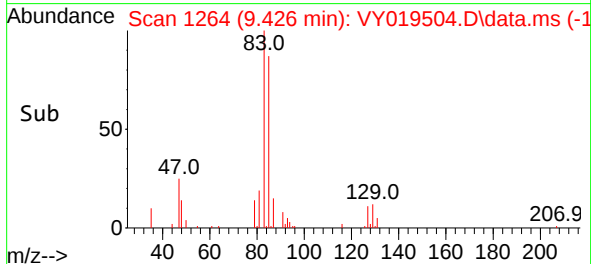
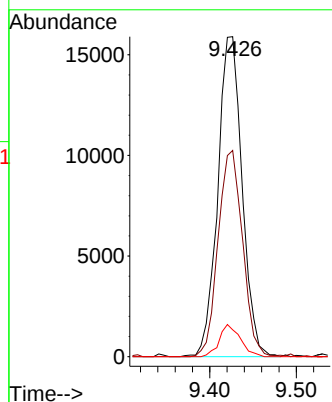
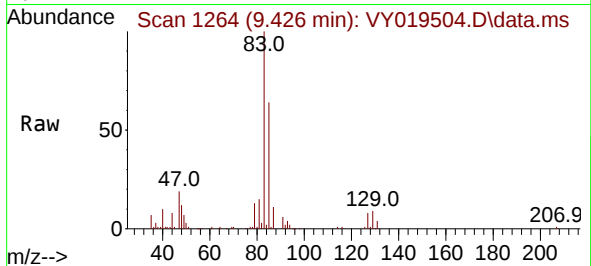
#47
Bromodichloromethane
Concen: 4.302 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

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

Tgt Ion: 83 Resp: 3108
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.4 7.4 11.0

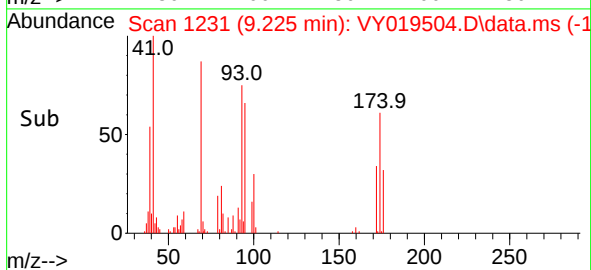
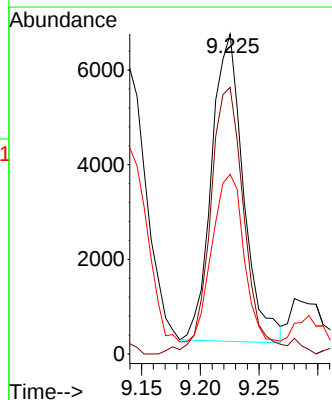
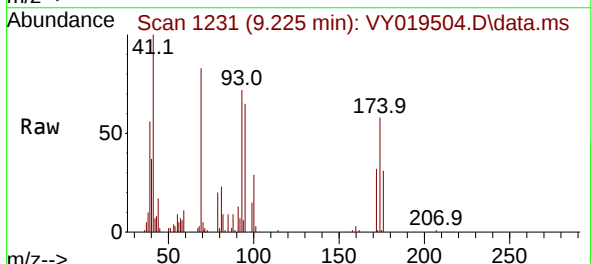
Manual Integrations
APPROVED

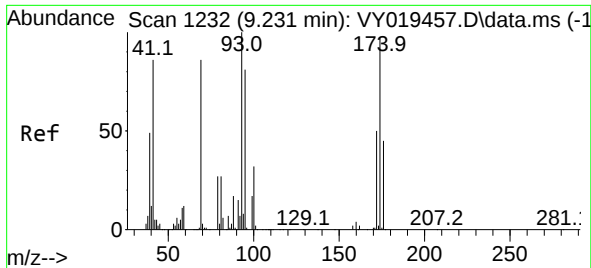
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#48
Methyl methacrylate
Concen: 3.681 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

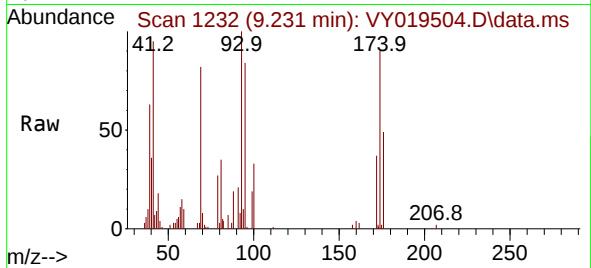
Tgt Ion: 41 Resp: 12217
Ion Ratio Lower Upper
41 100
69 92.0 84.1 126.1
39 59.9 43.6 65.4





#49
1,4-Dioxane
Concen: 76.220 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

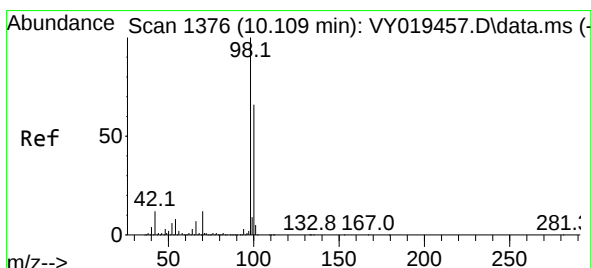
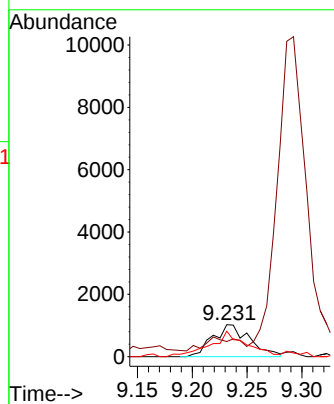
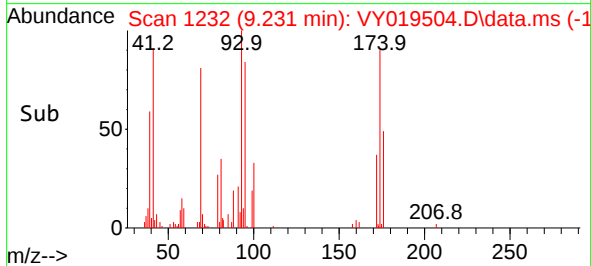
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 88 Resp: 241
Ion Ratio Lower Upper
88 100
43 37.6 0.0 0.0
58 77.0 49.3 73.9

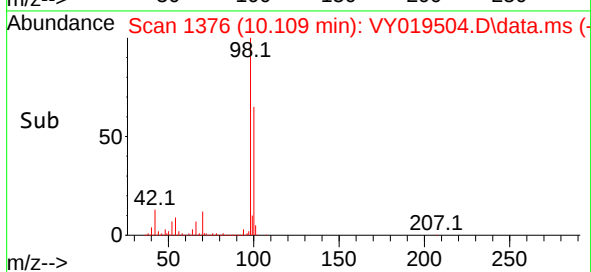
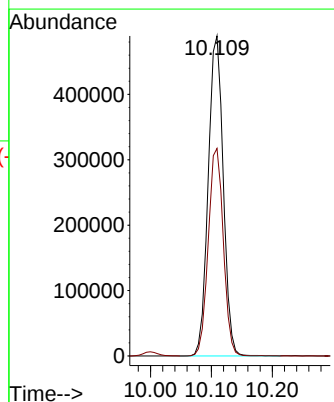
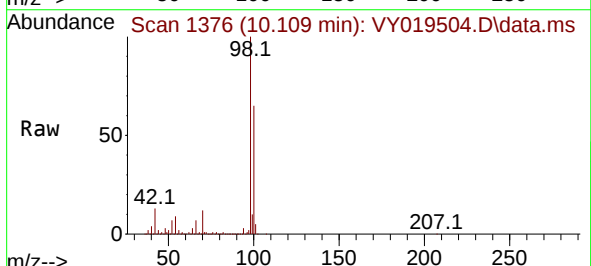
Manual Integrations
APPROVED

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



#50
Toluene-d8
Concen: 47.189 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

Tgt Ion: 98 Resp: 837377
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





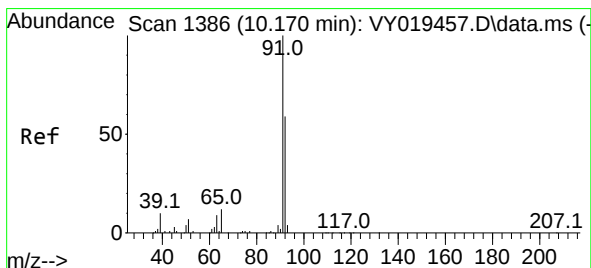
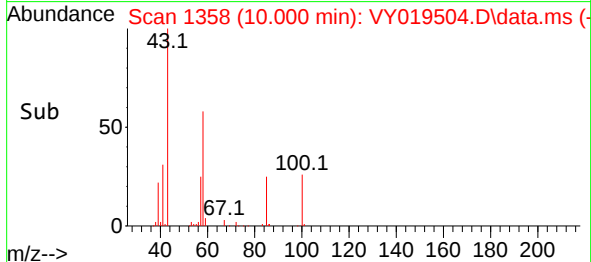
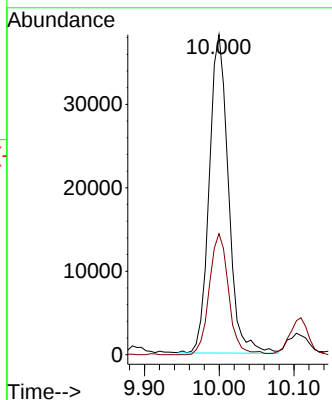
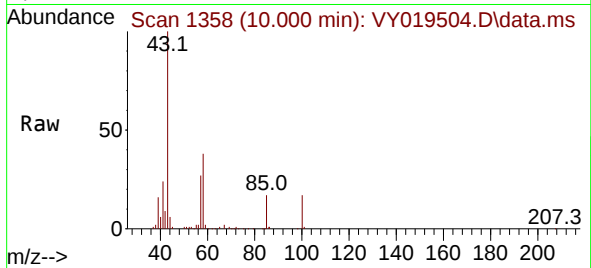
#51
4-Methyl-2-Pentanone
Concen: 19.298 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

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

Tgt Ion: 43 Resp: 68225
Ion Ratio Lower Upper
43 100
58 38.3 35.7 53.5

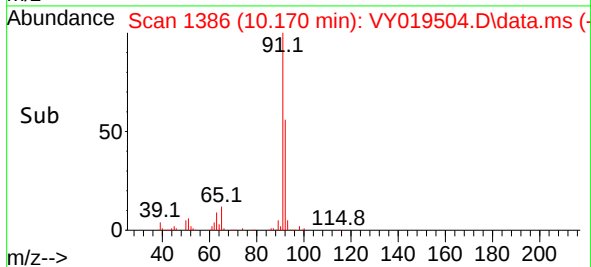
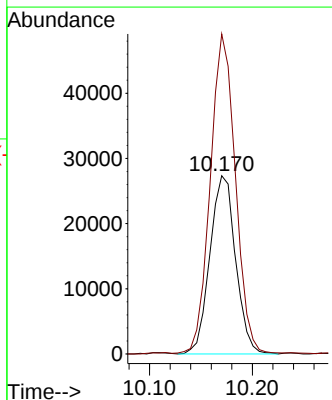
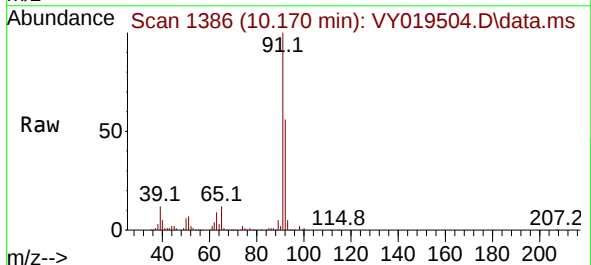
Manual Integrations
APPROVED

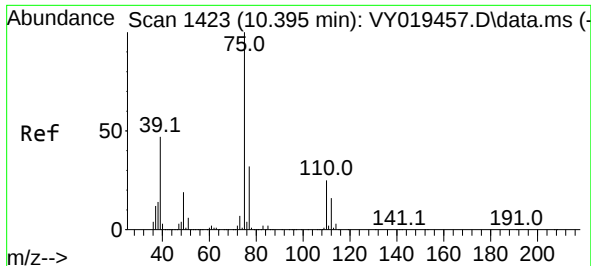
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#52
Toluene
Concen: 3.667 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

Tgt Ion: 92 Resp: 47420
Ion Ratio Lower Upper
92 100
91 174.8 139.0 208.6





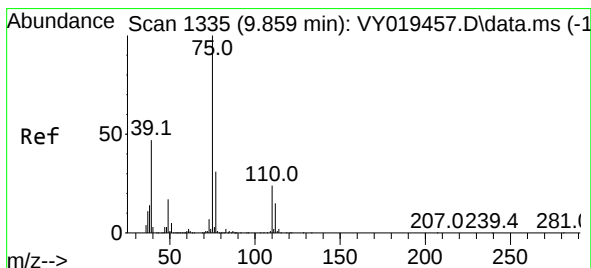
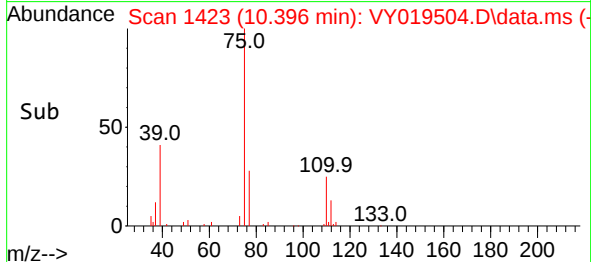
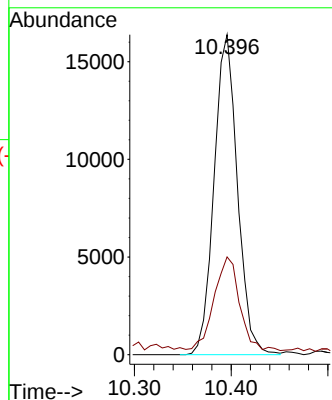
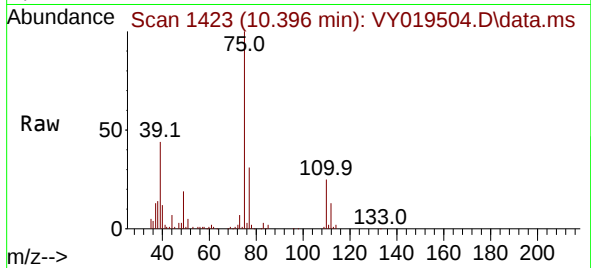
#53
t-1,3-Dichloropropene
Concen: 3.987 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

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

Tgt Ion: 75 Resp: 27462
Ion Ratio Lower Upper
75 100
77 29.2 24.1 36.1

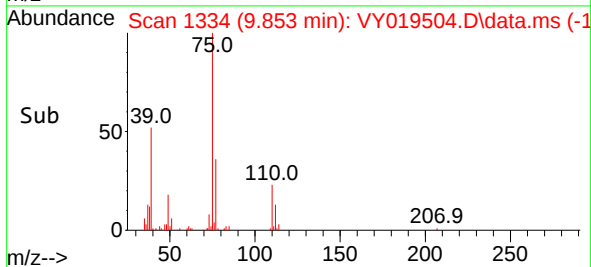
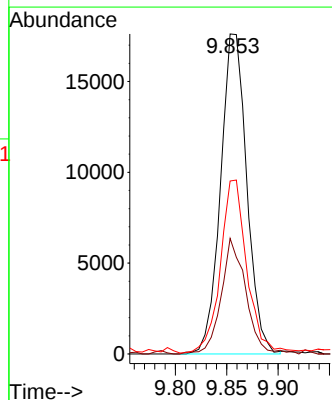
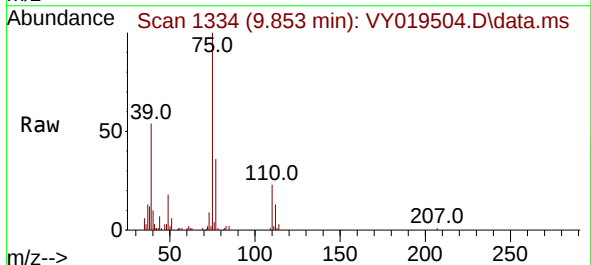
Manual Integrations
APPROVED

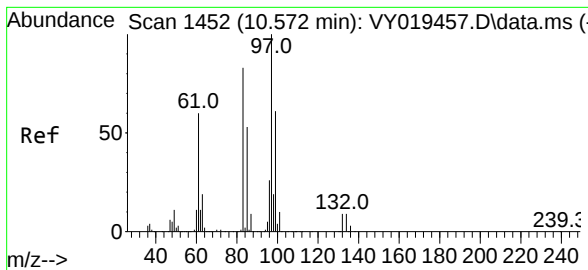
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#54
cis-1,3-Dichloropropene
Concen: 3.903 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

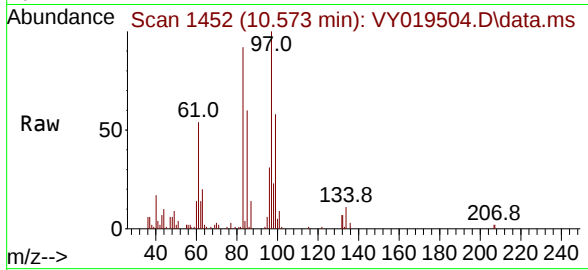
Tgt Ion: 75 Resp: 31304
Ion Ratio Lower Upper
75 100
77 36.1 25.4 38.0
39 53.8 29.8 44.6#





#55
1,1,2-Trichloroethane
Concen: 4.160 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

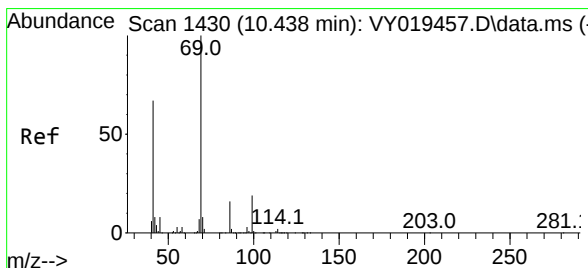
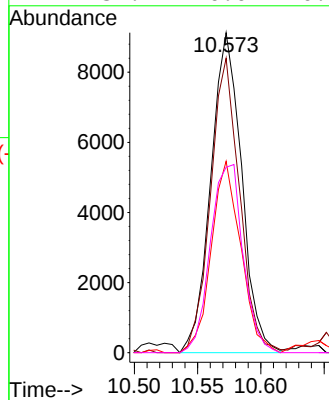
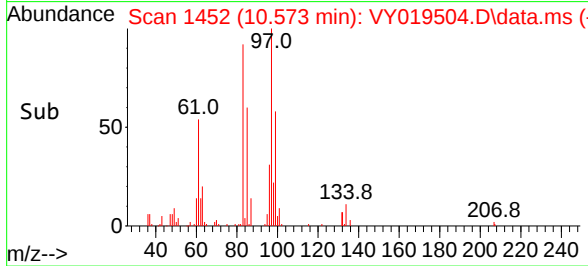
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.0	67.5	101.3
85	59.8	42.9	64.3
99	57.9	46.6	70.0

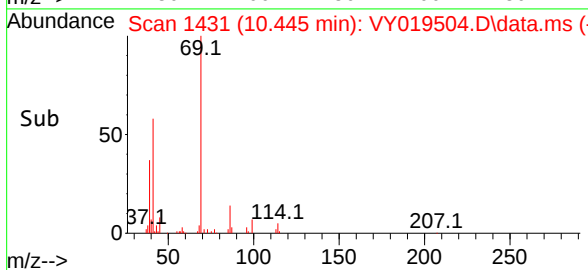
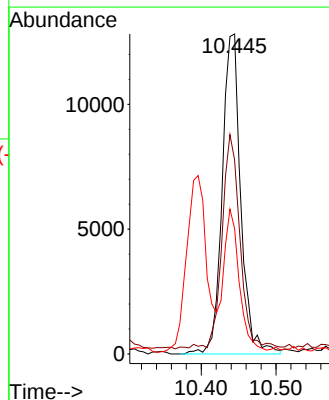
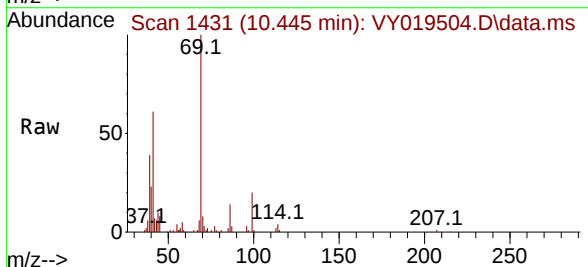
Manual Integrations
APPROVED

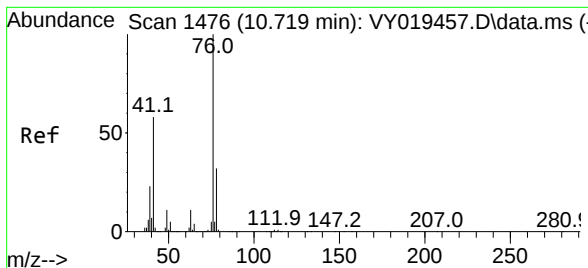
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#56
Ethyl methacrylate
Concen: 3.939 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

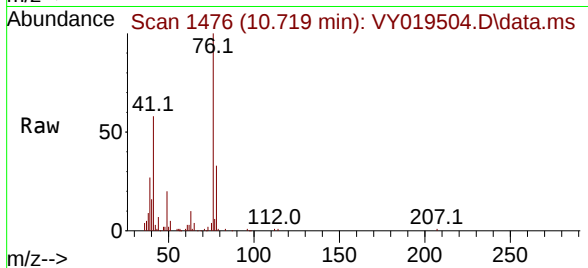
Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.2	42.3	63.5
39	36.6	22.9	34.3





#57
1,3-Dichloropropane
Concen: 4.066 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

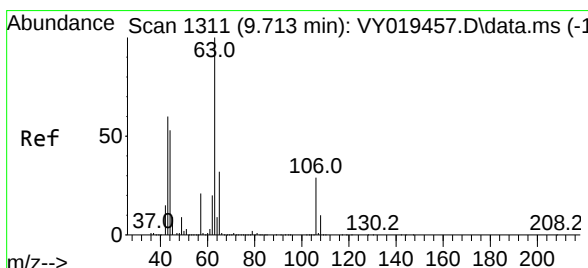
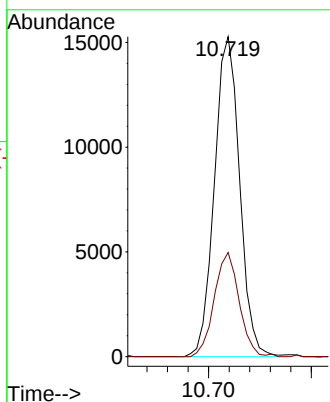
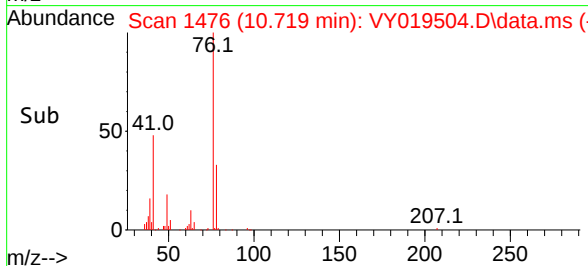
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 76 Resp: 2594
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

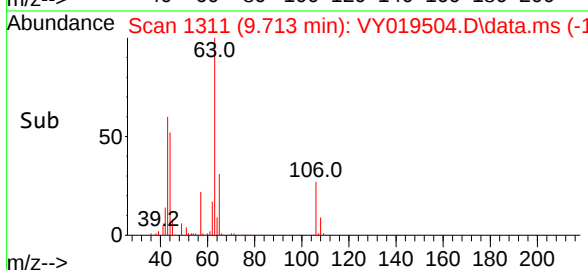
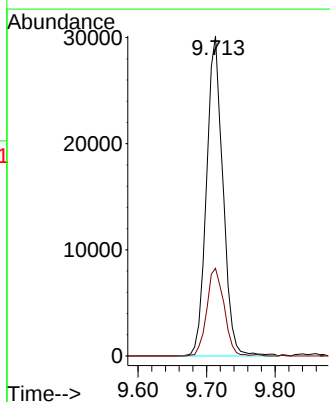
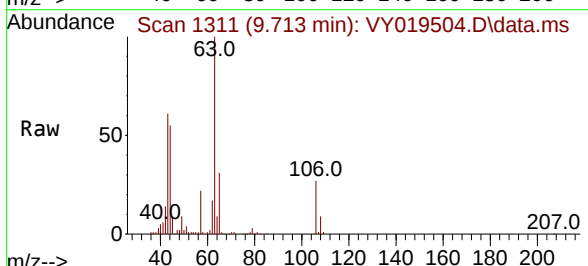
Manual Integrations
APPROVED

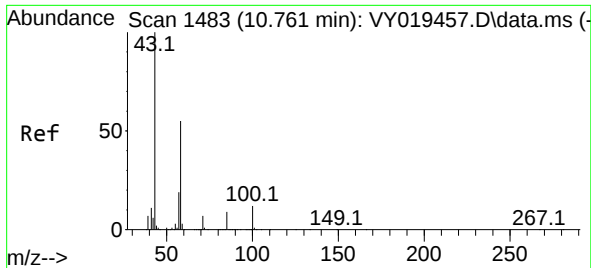
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 19.183 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

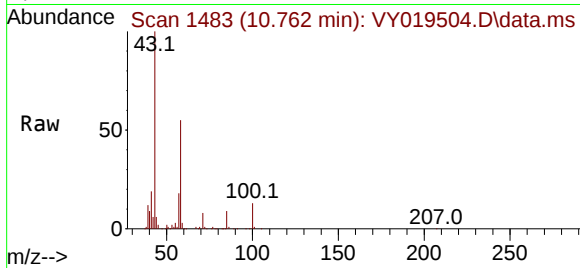
Tgt Ion: 63 Resp: 50207
Ion Ratio Lower Upper
63 100
106 28.8 23.7 35.5





#59
2-Hexanone
Concen: 18.019 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

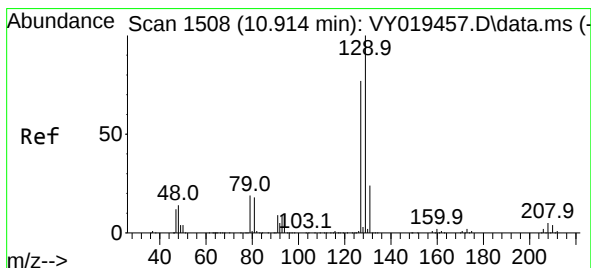
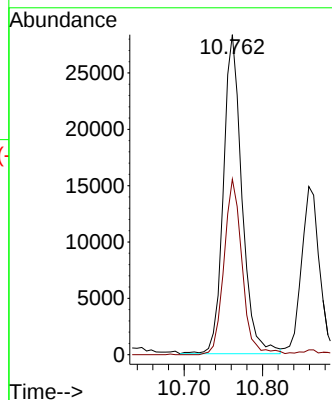
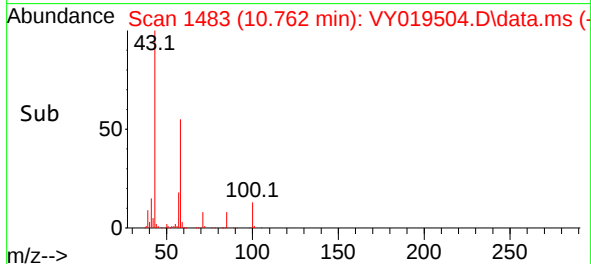
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 46702
Ion Ratio Lower Upper
43 100
58 53.6 31.4 94.0

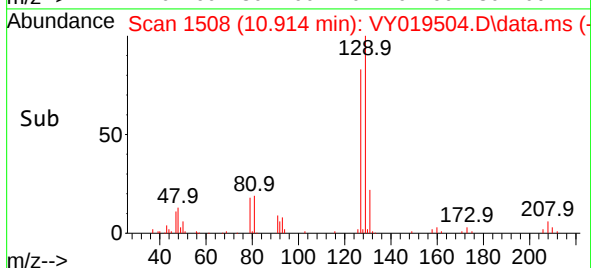
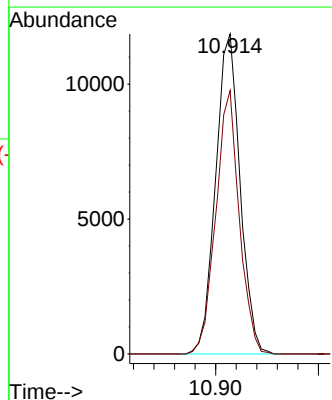
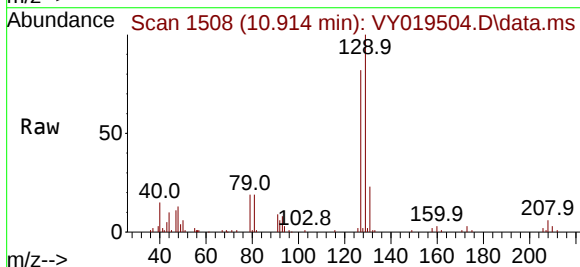
Manual Integrations
APPROVED

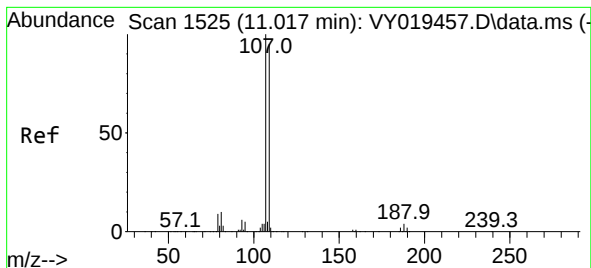
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#60
Dibromochloromethane
Concen: 3.987 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

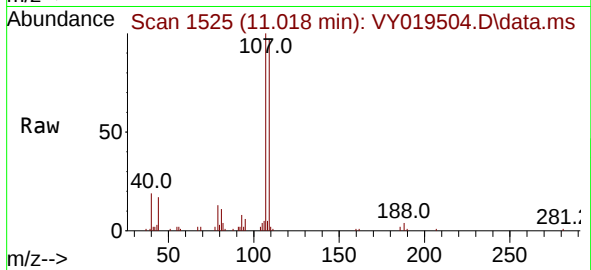
Tgt Ion:129 Resp: 19578
Ion Ratio Lower Upper
129 100
127 78.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 3.965 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

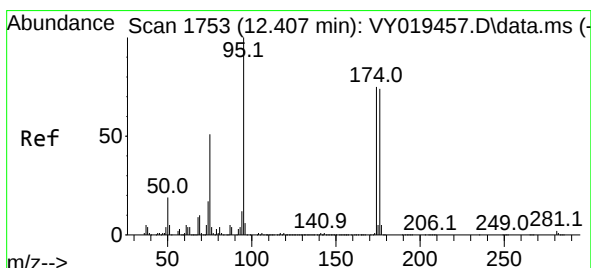
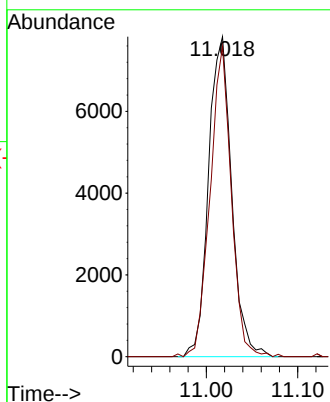
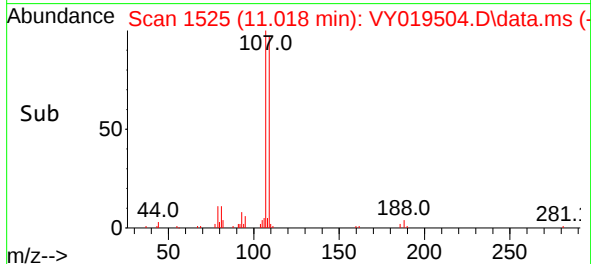
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 107 Resp: 13714
Ion Ratio Lower Upper
107 100
109 89.2 75.9 113.9

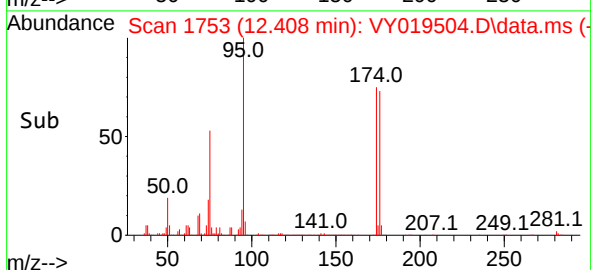
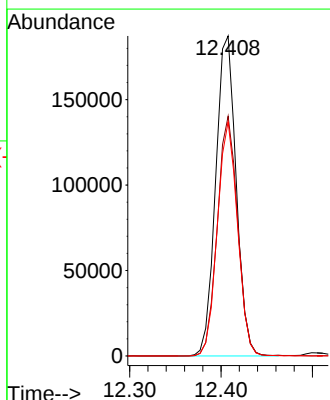
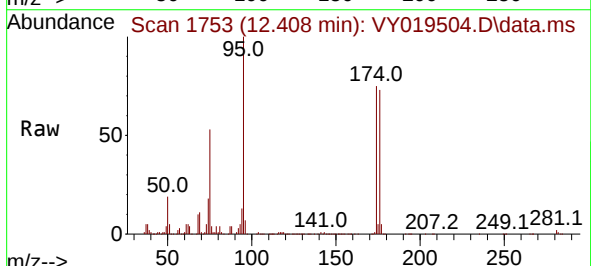
Manual Integrations
APPROVED

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



#62
4-Bromofluorobenzene
Concen: 42.761 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

Tgt Ion: 95 Resp: 291761
Ion Ratio Lower Upper
95 100
174 74.4 0.0 175.6
176 72.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

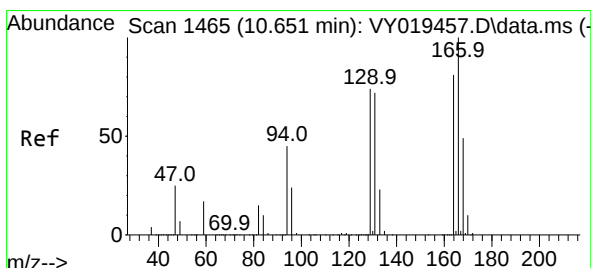
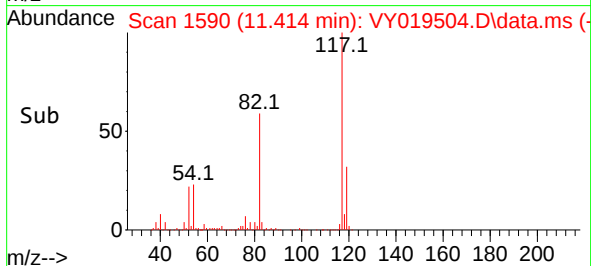
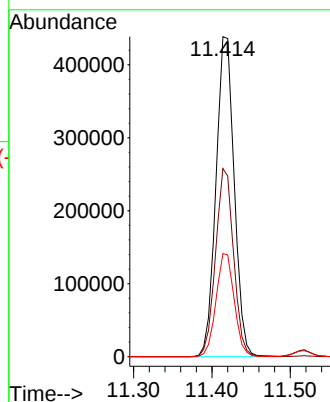
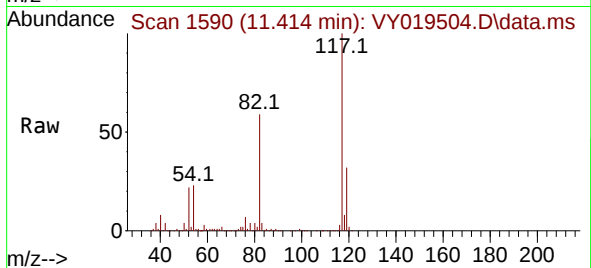
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:117	Resp: 71162
Ion Ratio	Lower Upper
117 100	
82 58.8	42.4 63.6
119 32.2	25.9 38.9

Manual Integrations

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



#64

Tetrachloroethene

Concen: 3.725 ug/l

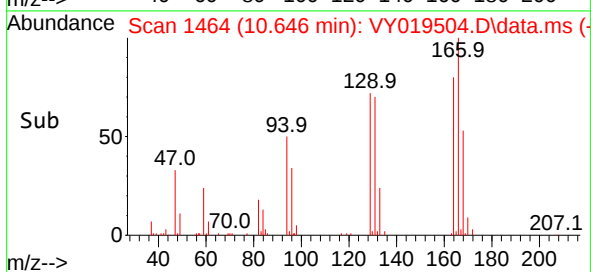
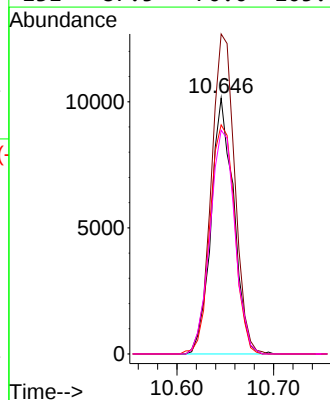
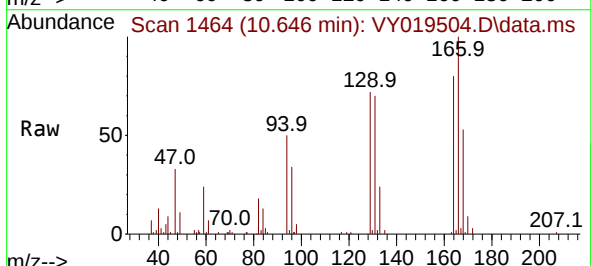
RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

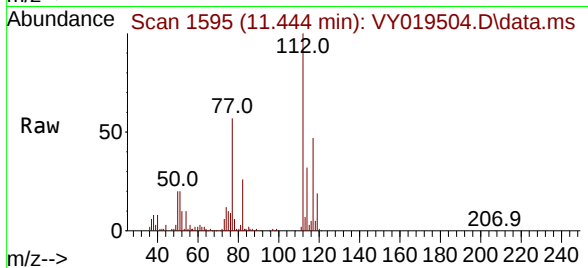
Tgt Ion:164	Resp: 16417
Ion Ratio	Lower Upper
164 100	
166 125.1	102.6 154.0
129 89.6	72.0 108.0
131 87.5	70.0 105.0





#65
Chlorobenzene
Concen: 4.044 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

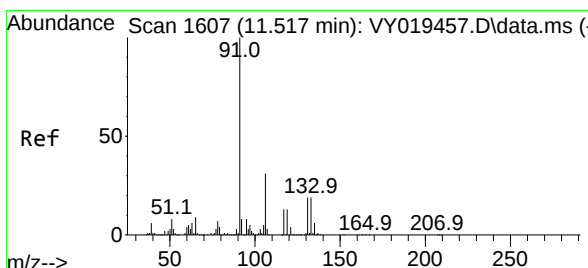
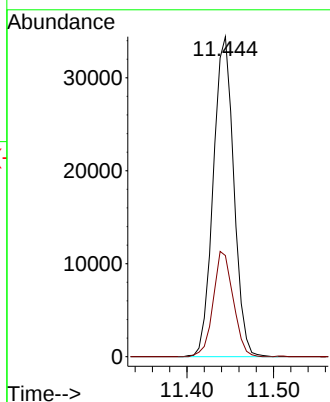
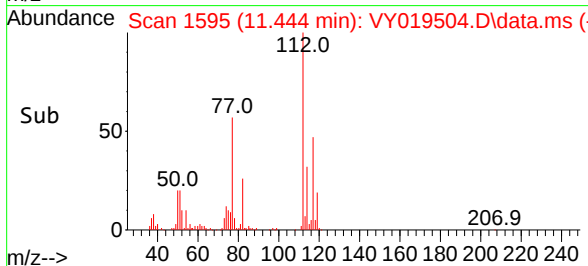
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



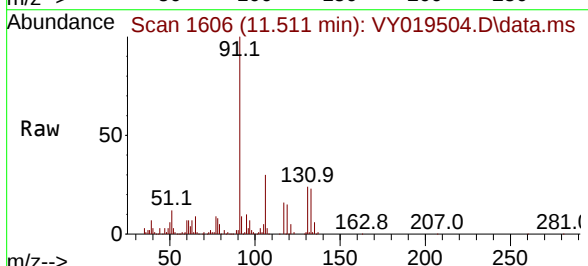
Tgt Ion:112 Resp: 56608
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6

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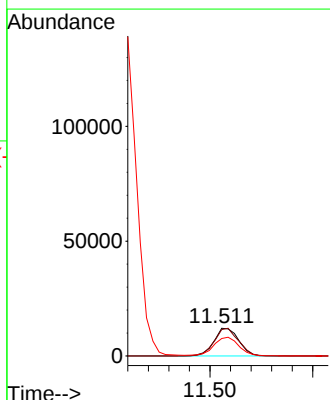
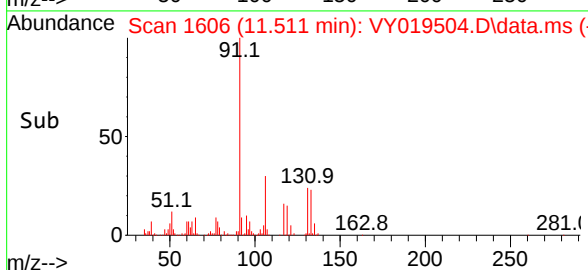
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

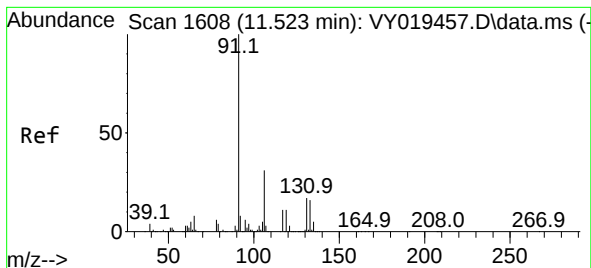


#66
1,1,1,2-Tetrachloroethane
Concen: 4.148 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



Tgt Ion:131 Resp: 20104
Ion Ratio Lower Upper
131 100
133 97.9 47.8 143.3
119 69.8 34.1 102.2





#67

Ethyl Benzene

Concen: 4.002 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 91 Resp: 99538

Ion Ratio Lower Upper

91 100

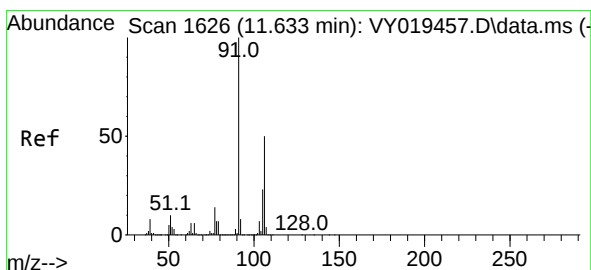
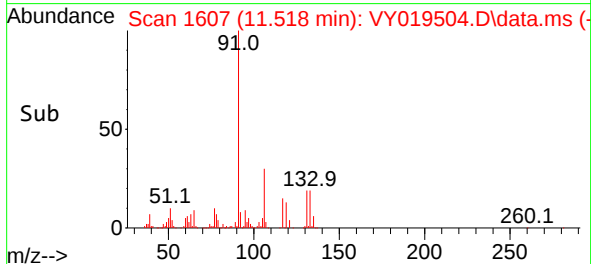
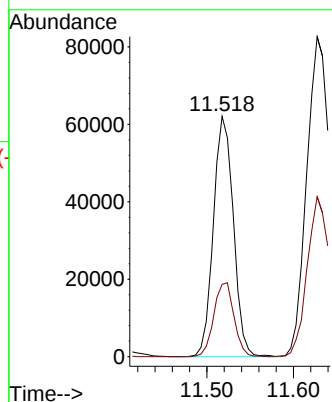
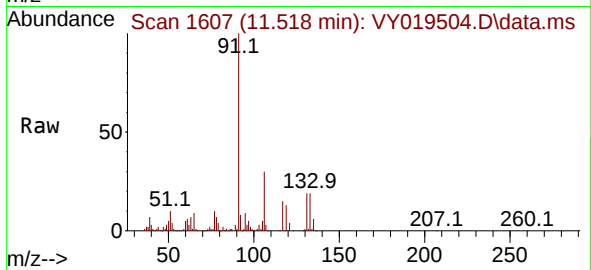
106 30.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024

Supervised By :Semsettin Yesilyurt 09/12/2024



#68

m/p-Xylenes

Concen: 7.899 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019504.D

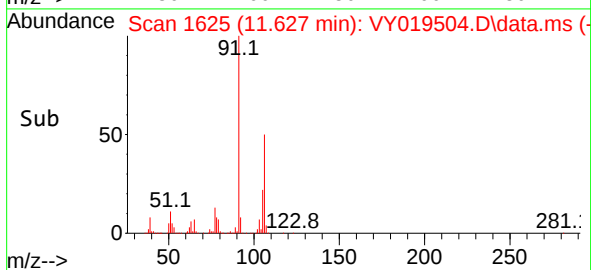
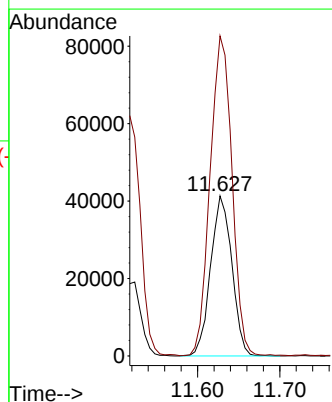
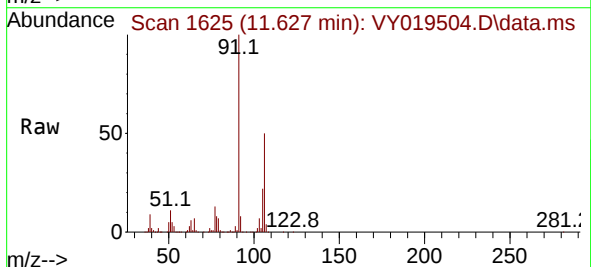
Acq: 11 Sep 2024 12:15

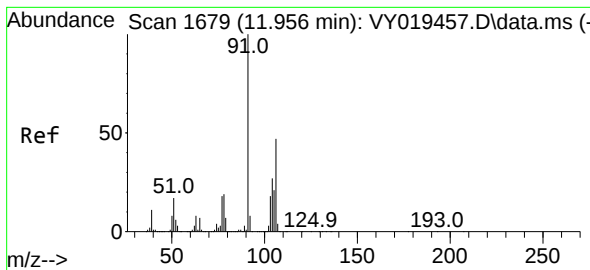
Tgt Ion:106 Resp: 74284

Ion Ratio Lower Upper

106 100

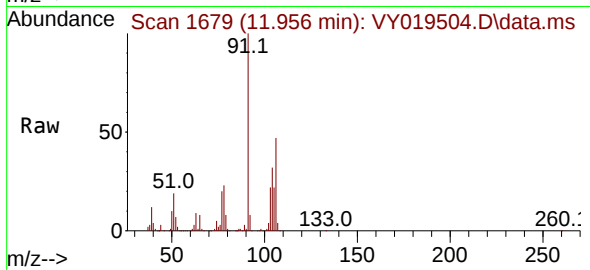
91 206.1 156.0 234.0





#69
o-Xylene
Concen: 4.013 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

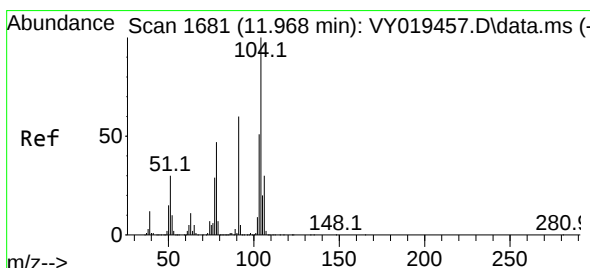
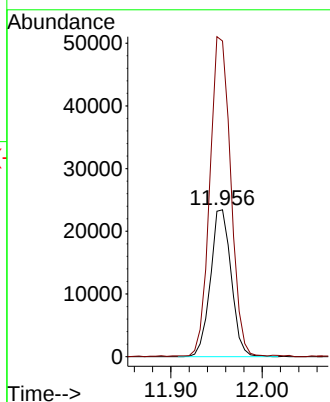
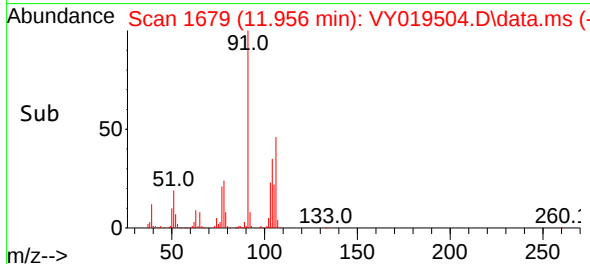
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



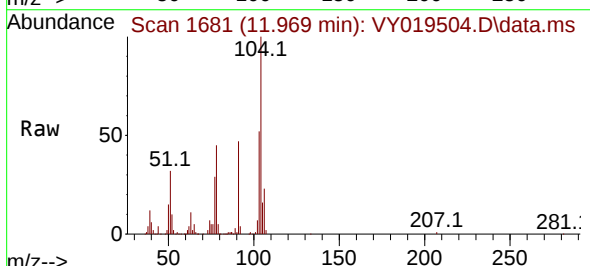
Tgt Ion:106 Resp: 3690
Ion Ratio Lower Upper
106 100
91 219.1 103.6 310.8

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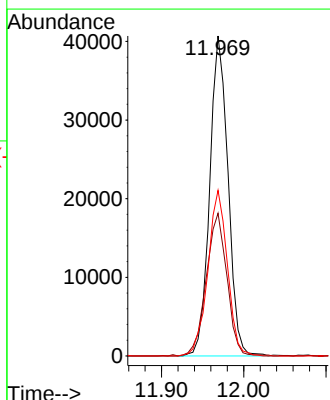
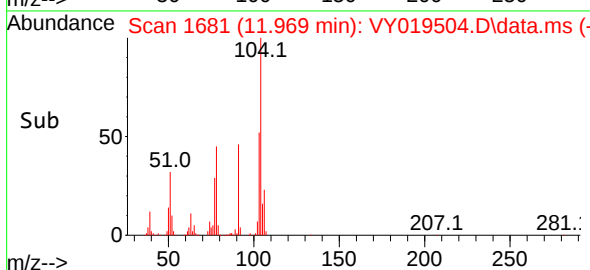
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

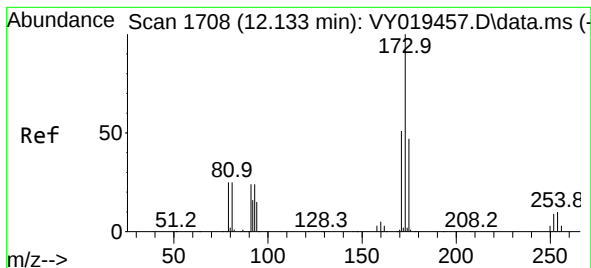


#70
Styrene
Concen: 4.061 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



Tgt Ion:104 Resp: 63056
Ion Ratio Lower Upper
104 100
78 50.4 37.0 55.4
103 55.3 44.2 66.2





#71

Bromoform

Concen: 3.876 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

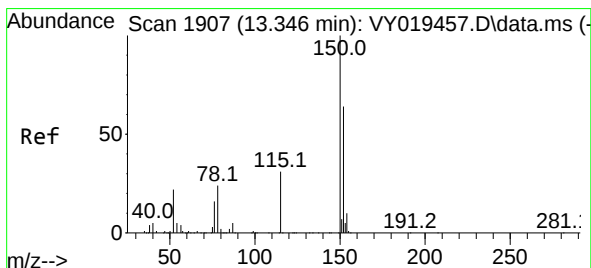
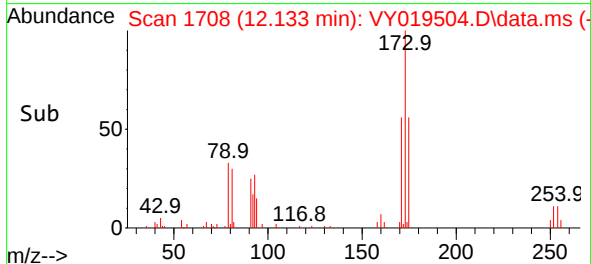
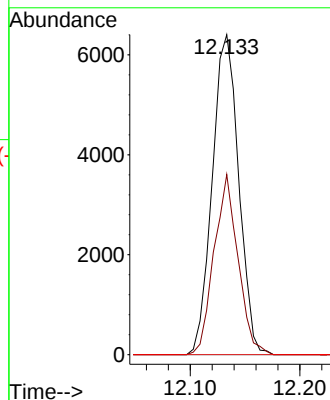
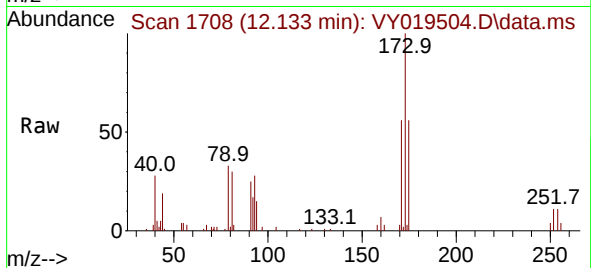
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:173	Resp:	10730
Ion Ratio	Lower	Upper
173	100	
175	51.2	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

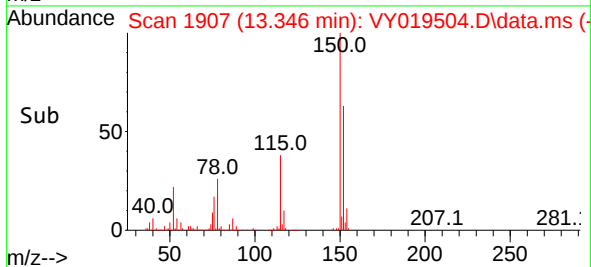
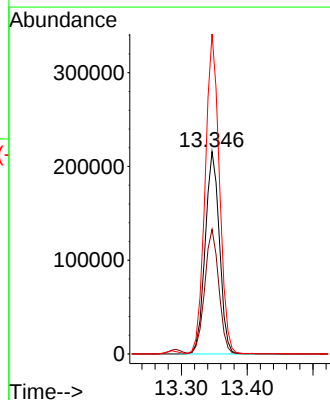
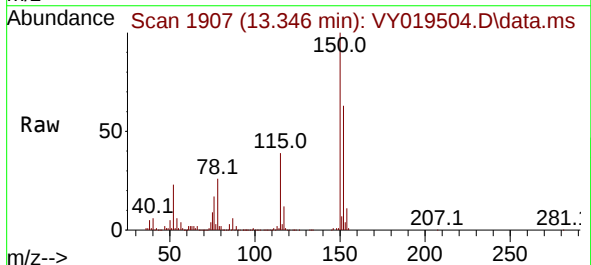
RT: 13.346 min Scan# 1907

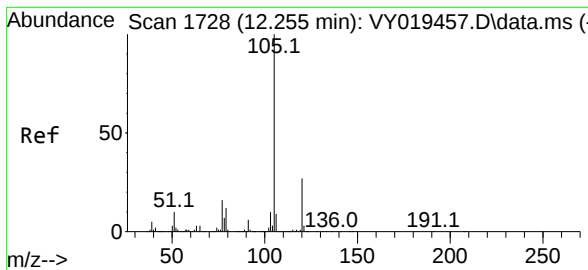
Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

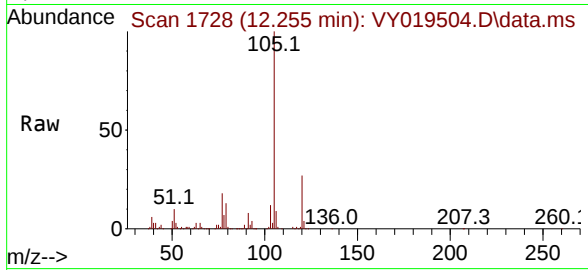
Tgt Ion:152	Resp:	323783
Ion Ratio	Lower	Upper
152	100	
115	61.1	28.2 84.7
150	158.1	0.0 345.6





#73
Isopropylbenzene
Concen: 4.201 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

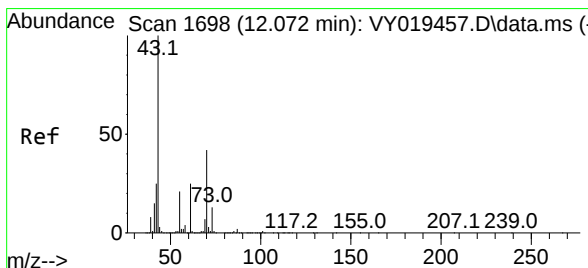
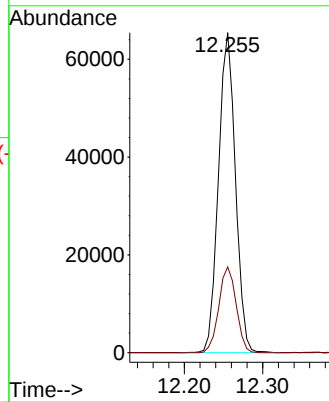
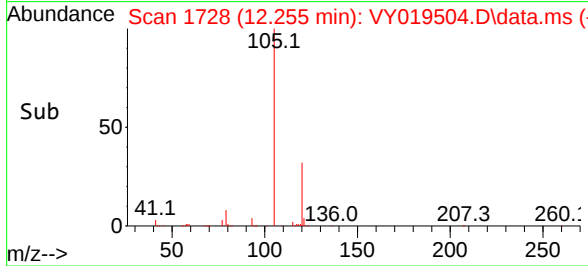
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:105 Resp: 9868
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1

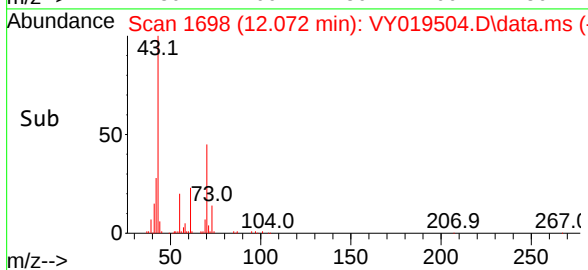
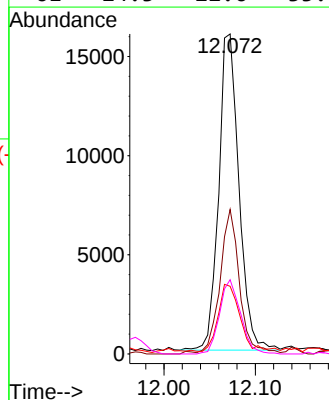
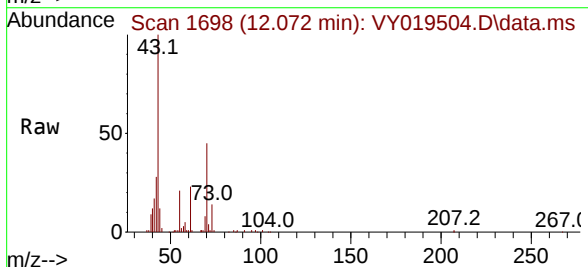
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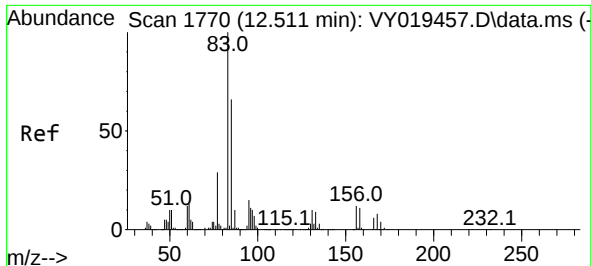
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#74
N-ethyl acetate
Concen: 3.853 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

Tgt Ion: 43 Resp: 24617
Ion Ratio Lower Upper
43 100
70 44.3 41.4 62.2
55 22.5 23.3 34.9#
61 24.3 22.6 33.8





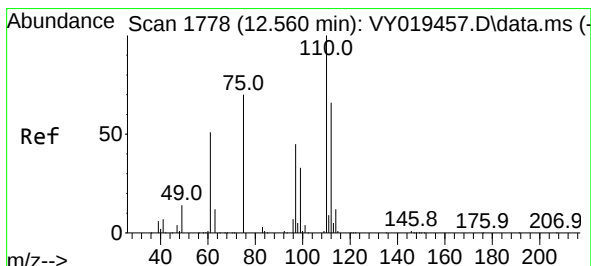
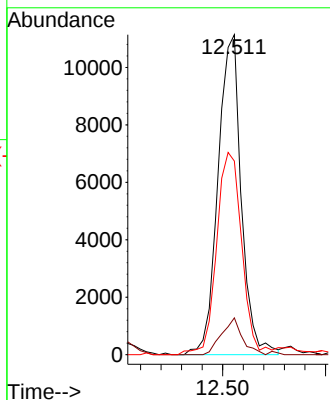
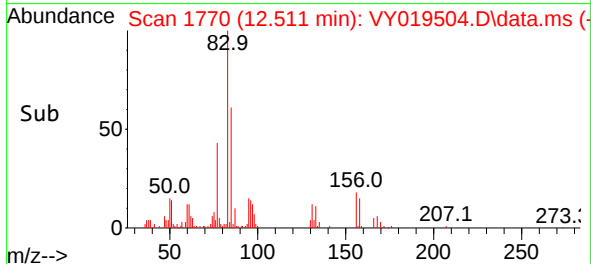
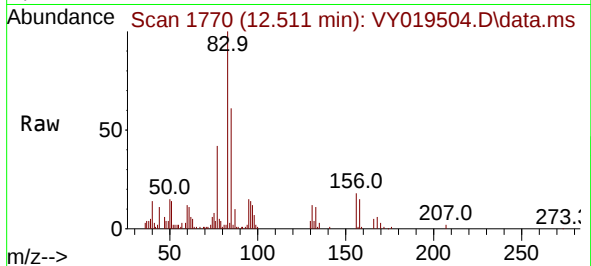
#75
1,1,2,2-Tetrachloroethane
Concen: 4.204 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

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

Tgt Ion: 83 Resp: 17528
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 68.2 32.0 96.0

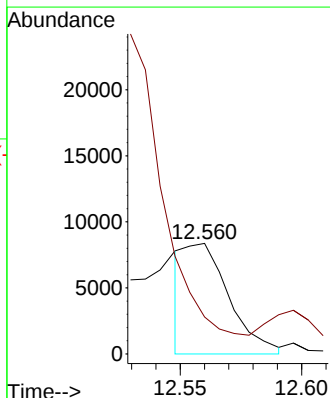
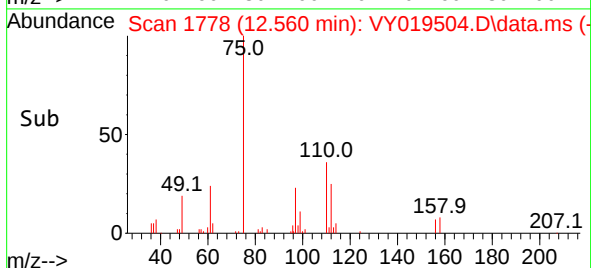
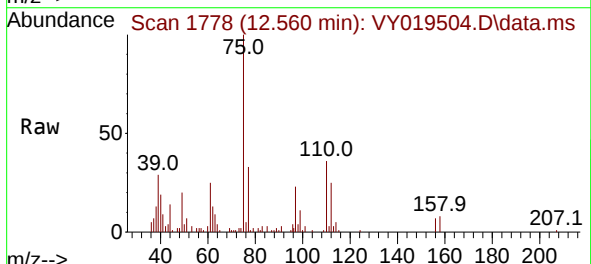
Manual Integrations
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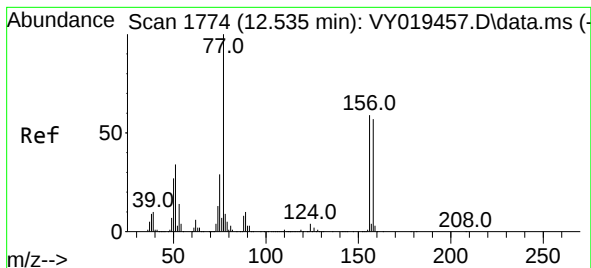
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#76
1,2,3-Trichloropropane
Concen: 3.517 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

Tgt Ion: 75 Resp: 10672
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.345 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

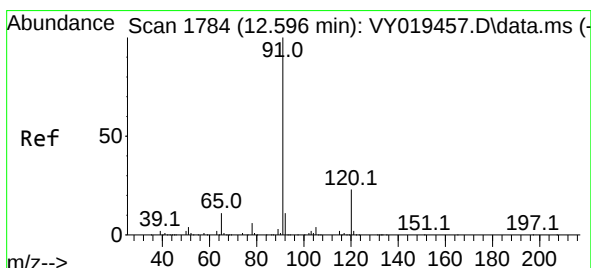
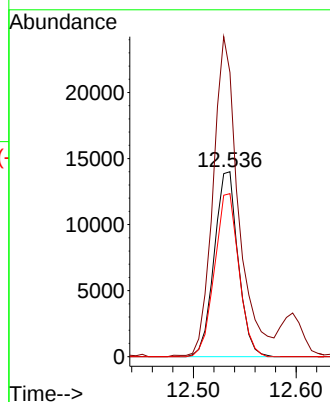
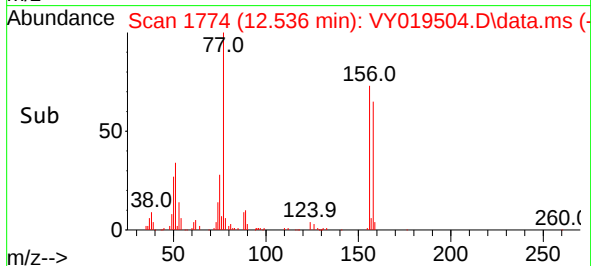
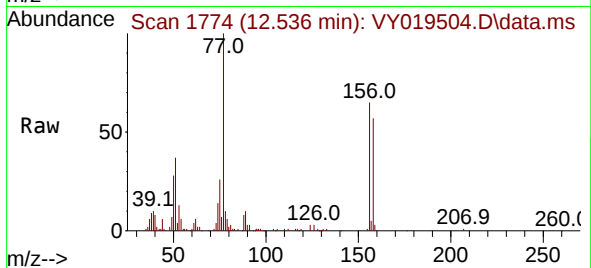
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	156	Resp:	22630
Ion Ratio	Lower	Upper	
156	100		
77	184.2	87.1	261.3
158	89.7	48.6	145.9

Manual Integrations

APPROVED

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



#78

n-propylbenzene

Concen: 4.236 ug/l

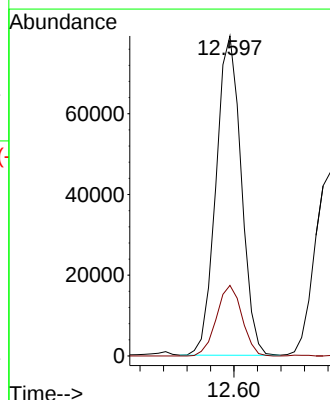
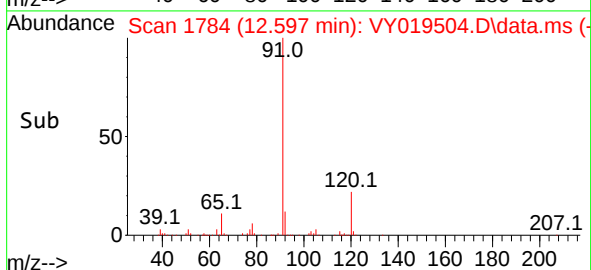
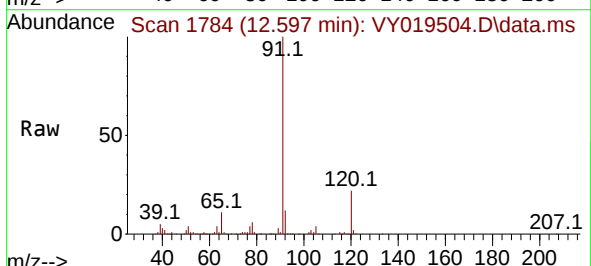
RT: 12.597 min Scan# 1784

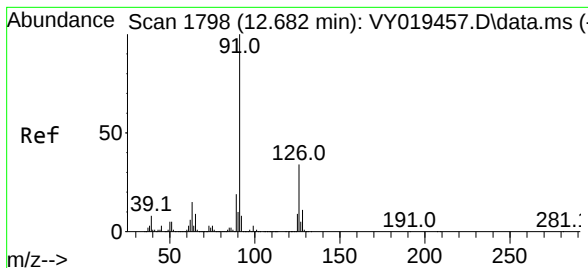
Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

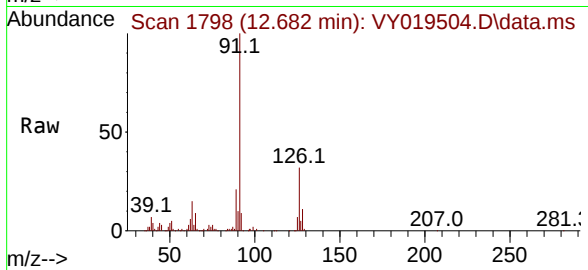
Tgt Ion:	91	Resp:	117950
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4





#79
2-Chlorotoluene
Concen: 4.348 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

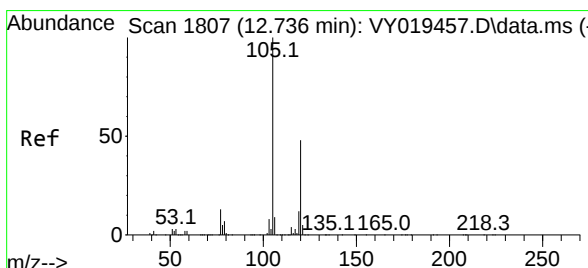
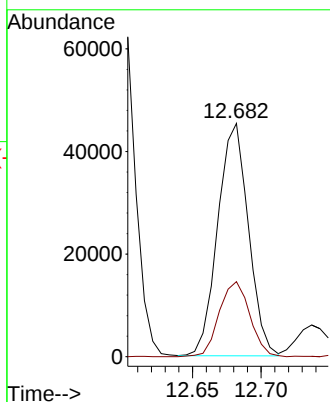
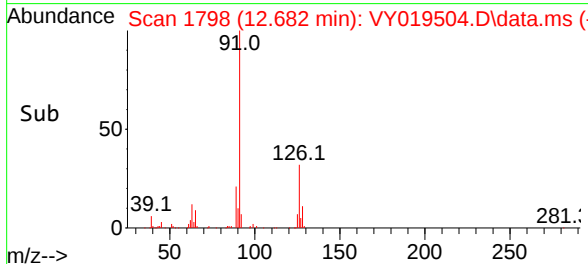
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



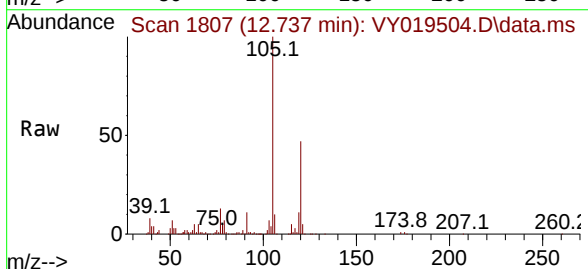
Tgt Ion: 91 Resp: 70554
Ion Ratio Lower Upper
91 100
126 32.2 17.8 53.5

Manual Integrations
APPROVED

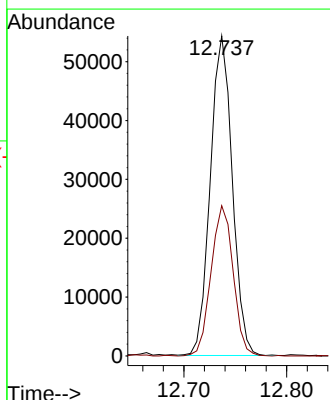
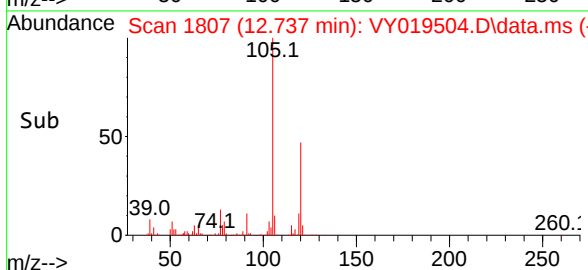
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

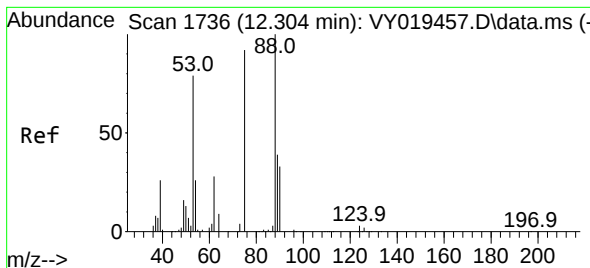


#80
1,3,5-Trimethylbenzene
Concen: 4.236 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



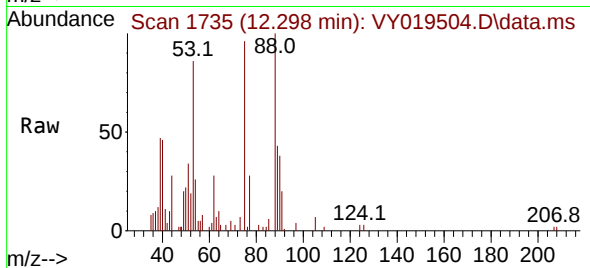
Tgt Ion:105 Resp: 80890
Ion Ratio Lower Upper
105 100
120 47.1 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.818 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

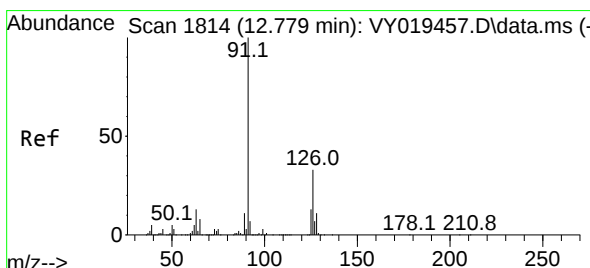
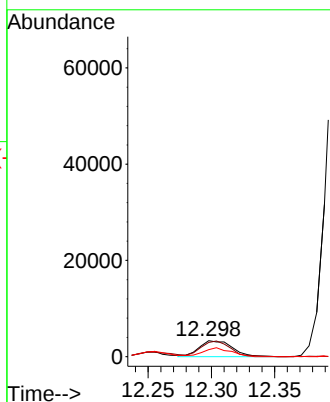
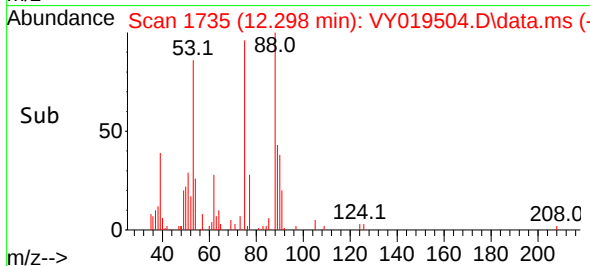
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 75 Resp: 6035
Ion Ratio Lower Upper
75 100
53 87.7 66.8 100.2
89 47.5 35.8 53.6

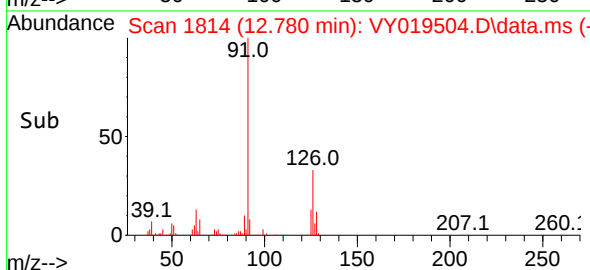
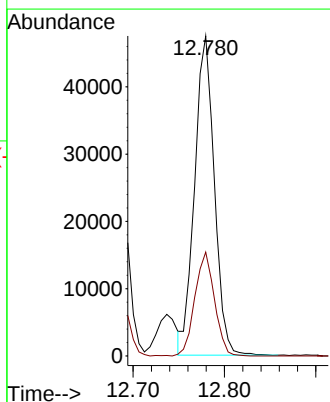
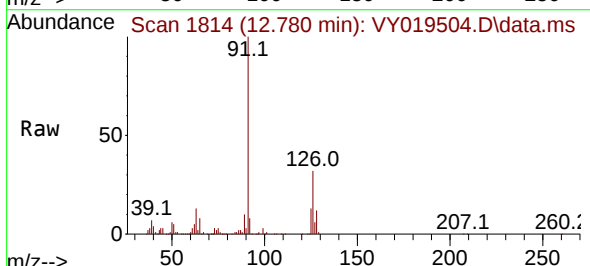
Manual Integrations
APPROVED

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



#82
4-Chlorotoluene
Concen: 4.257 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

Tgt Ion: 91 Resp: 71006
Ion Ratio Lower Upper
91 100
126 32.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 4.467 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019504.D

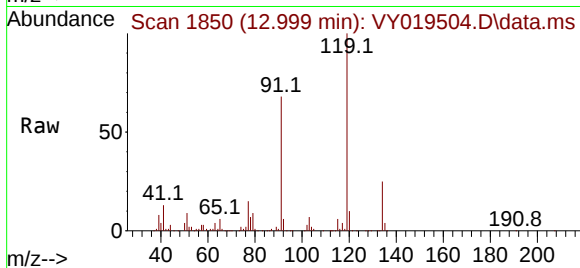
Acq: 11 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

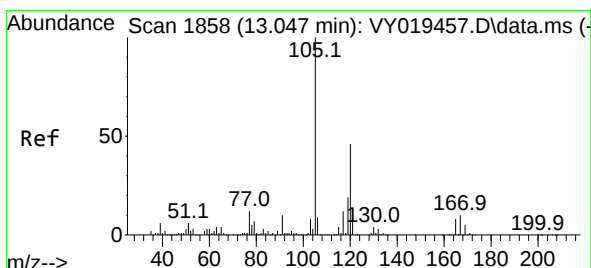
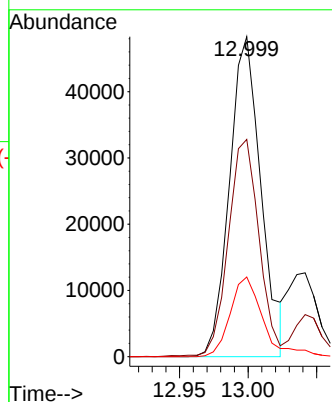
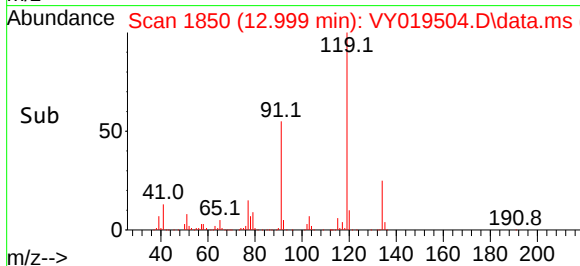


Tgt Ion:	119	Resp:	7722
Ion Ratio	Lower	Upper	
119	100		
91	66.5	31.3	93.8
134	25.9	13.4	40.1

Manual Integrations

APPROVED

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



#84

1,2,4-Trimethylbenzene

Concen: 4.267 ug/l

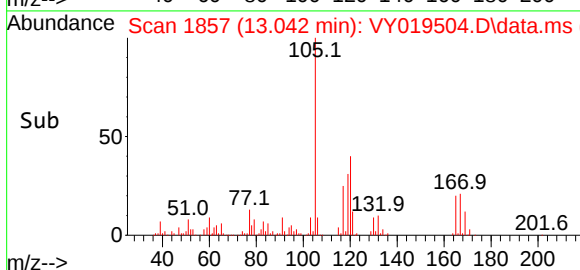
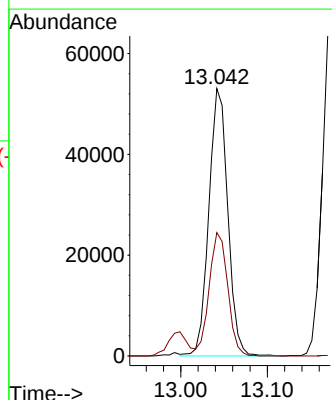
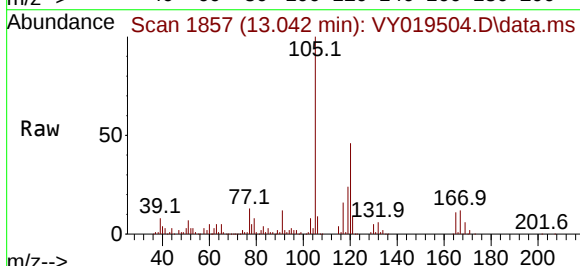
RT: 13.042 min Scan# 1857

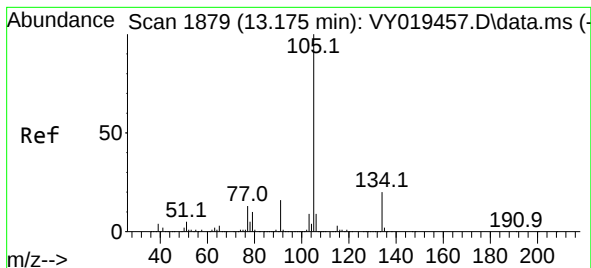
Delta R.T. -0.006 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Tgt Ion:	105	Resp:	80656
Ion Ratio	Lower	Upper	
105	100		
120	45.1	23.2	69.6





#85

sec-Butylbenzene

Concen: 4.447 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

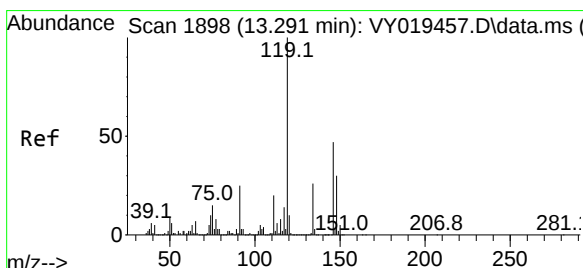
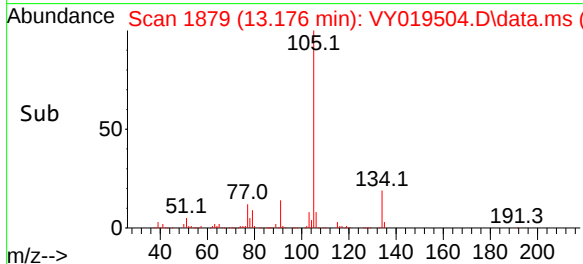
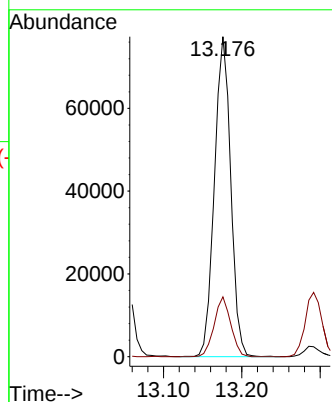
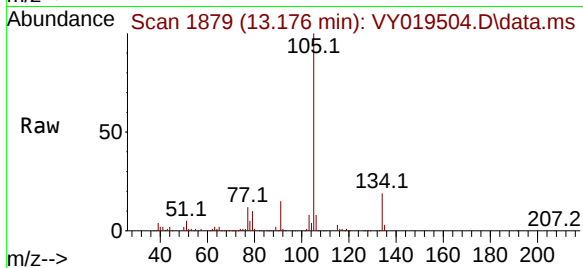
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:105 Resp: 111672
 Ion Ratio Lower Upper
 105 100
 134 19.0 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: 4.279 ug/l

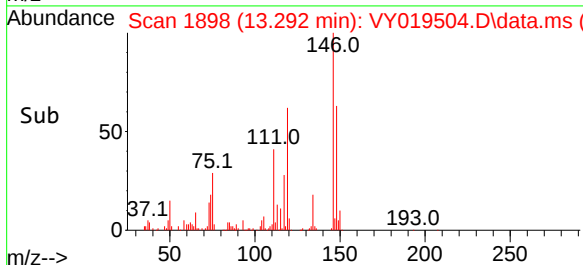
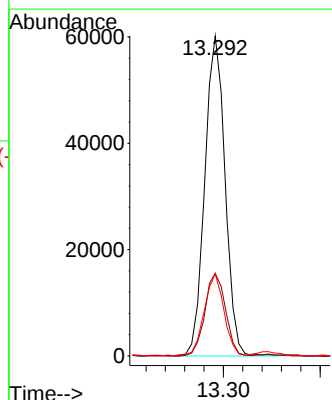
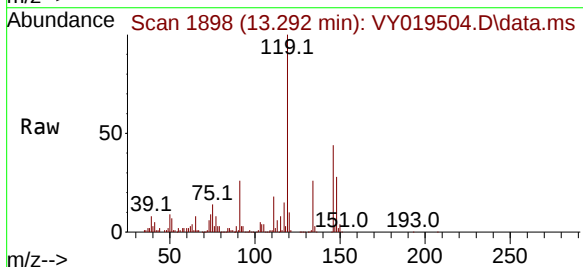
RT: 13.292 min Scan# 1898

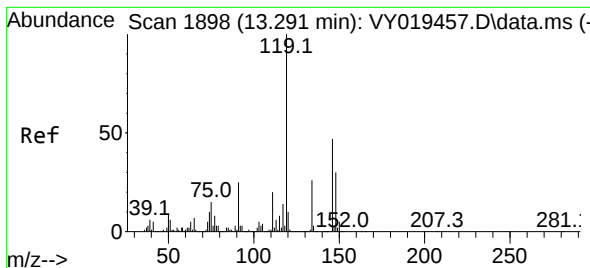
Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Tgt Ion:119 Resp: 87929
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 25.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 4.287 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019504.D

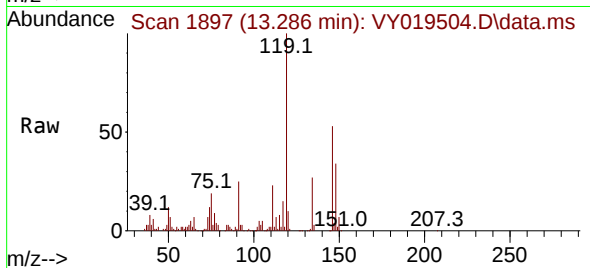
Acq: 11 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

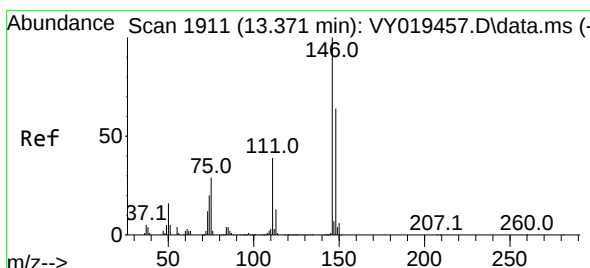
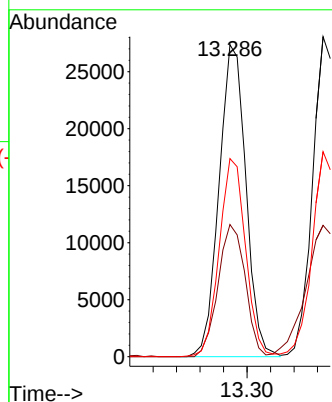
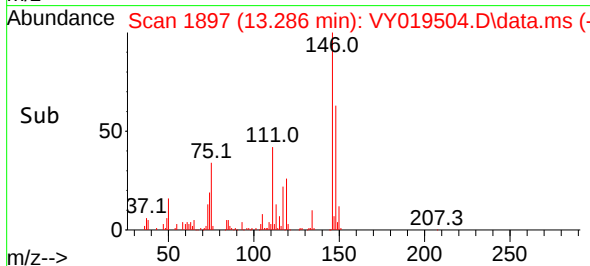


Tgt Ion:	146	Resp:	4339
Ion Ratio	Lower	Upper	
146	100		
111	42.7	19.0	57.0
148	62.3	31.7	95.1

Manual Integrations

APPROVED

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



#88

1,4-Dichlorobenzene

Concen: 4.309 ug/l

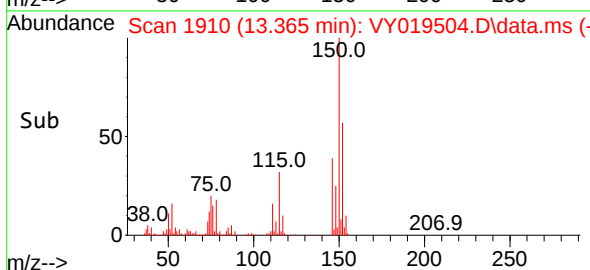
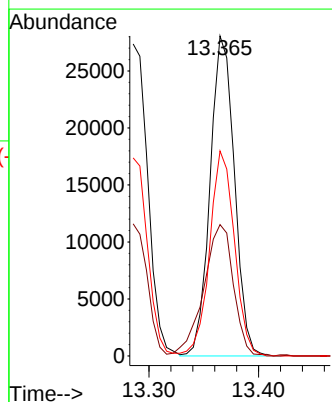
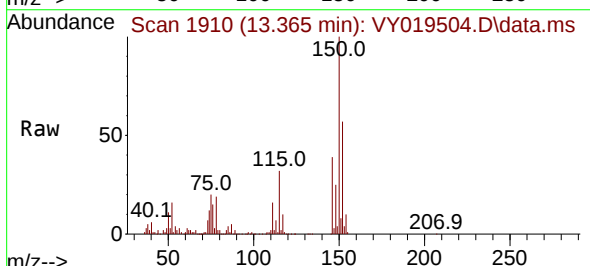
RT: 13.365 min Scan# 1910

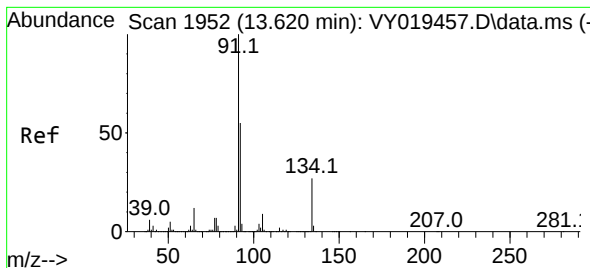
Delta R.T. -0.006 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Tgt Ion:	146	Resp:	43288
Ion Ratio	Lower	Upper	
146	100		
111	50.4	18.4	55.4
148	65.5	32.4	97.2





#89

n-Butylbenzene

Concen: 4.255 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

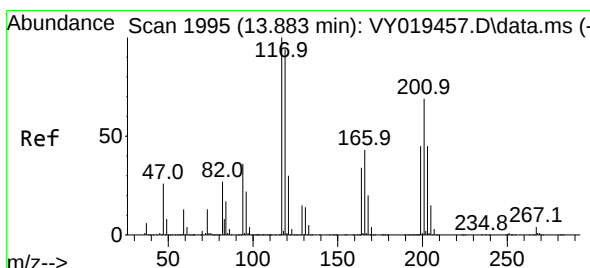
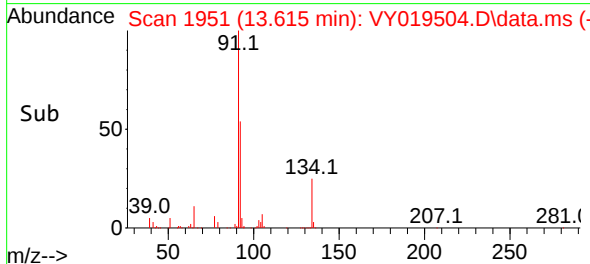
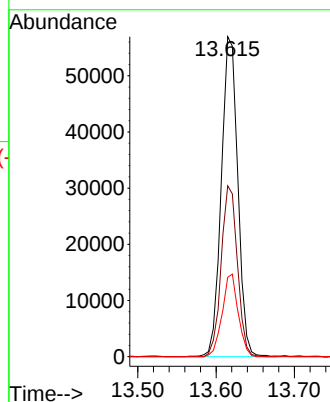
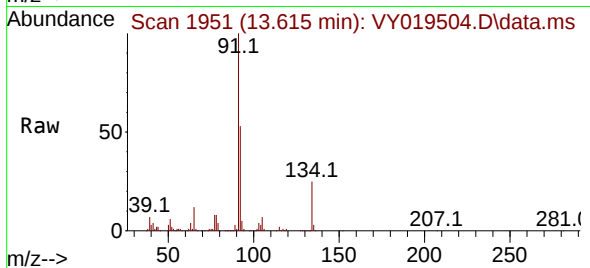
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	91	Resp:	8358
Ion Ratio	Lower	Upper	
91	100		
92	52.3	26.6	79.7
134	25.1	12.9	38.7

Manual Integrations

APPROVED

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



#90

Hexachloroethane

Concen: 4.315 ug/l

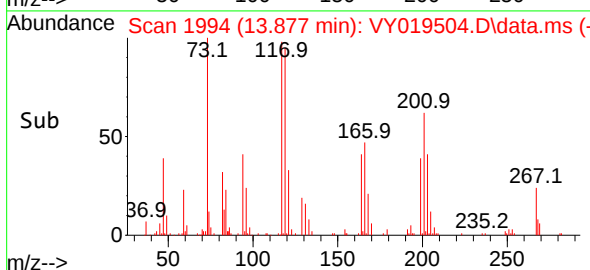
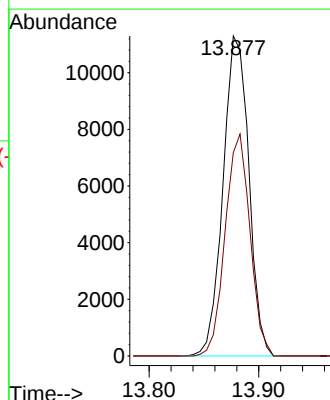
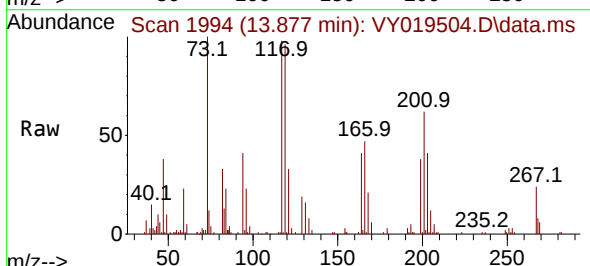
RT: 13.877 min Scan# 1994

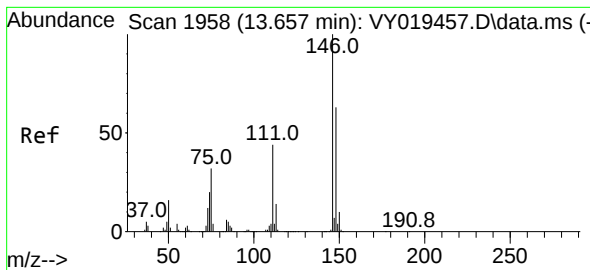
Delta R.T. -0.006 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

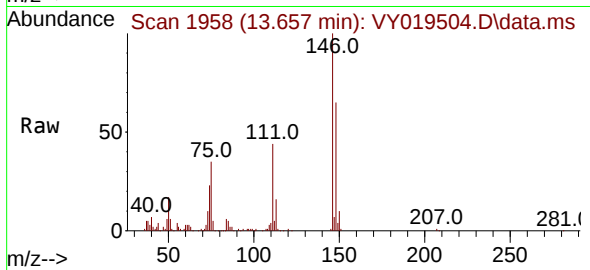
Tgt Ion:	117	Resp:	18449
Ion Ratio	Lower	Upper	
117	100		
201	66.8	37.4	112.2





#91
1,2-Dichlorobenzene
Concen: 4.204 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15

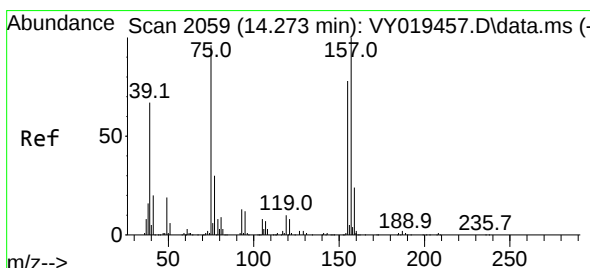
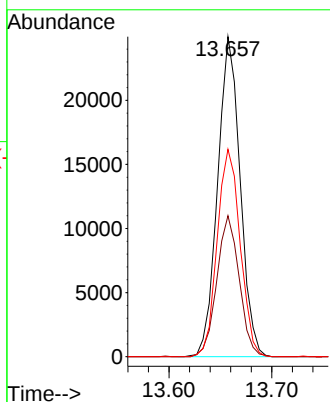
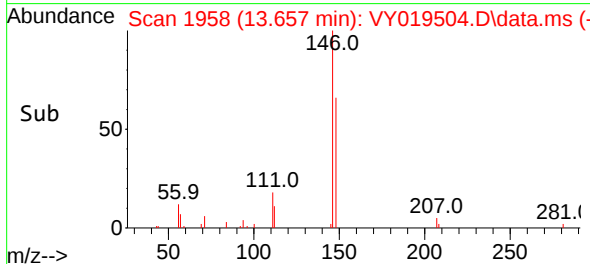
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



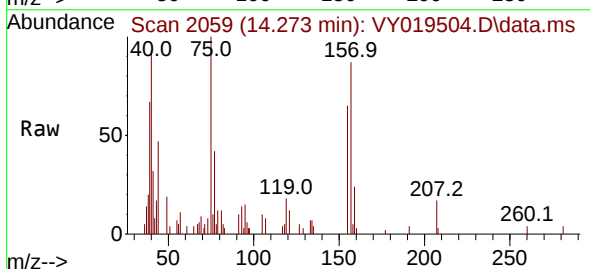
Tgt Ion:146 Resp: 37978
Ion Ratio Lower Upper
146 100
111 43.7 19.9 59.7
148 66.0 31.8 95.4

Manual Integrations
APPROVED

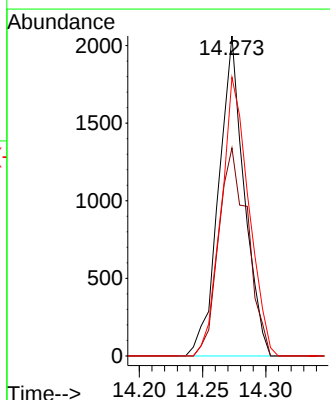
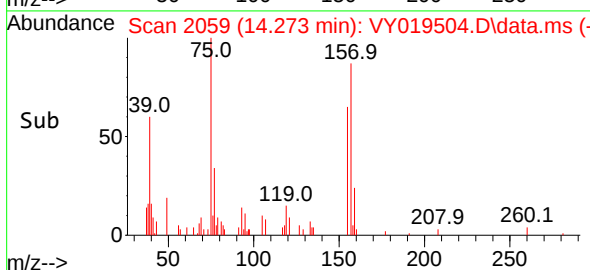
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

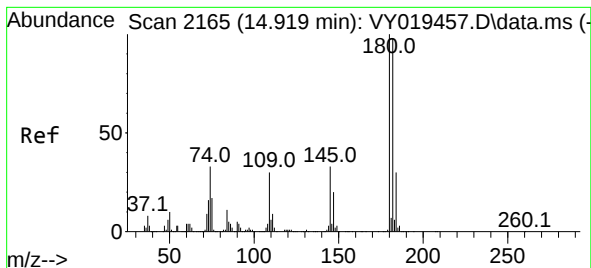


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.155 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019504.D
Acq: 11 Sep 2024 12:15



Tgt Ion: 75 Resp: 2887
Ion Ratio Lower Upper
75 100
155 74.0 48.6 145.8
157 94.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 3.829 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

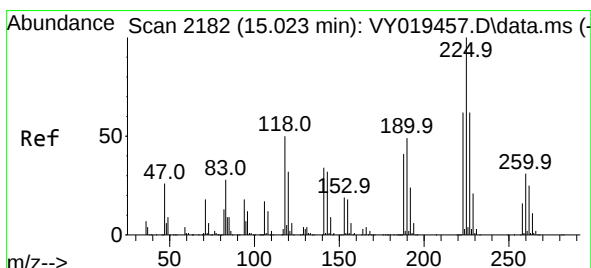
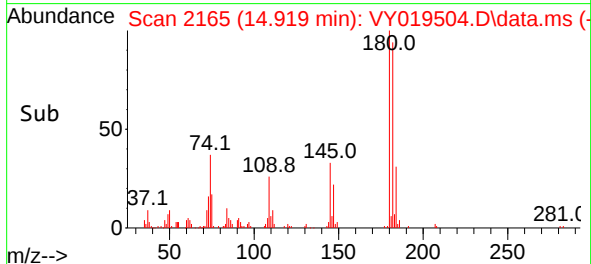
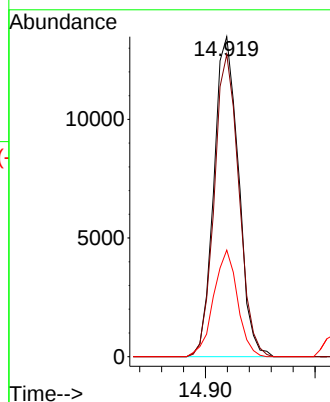
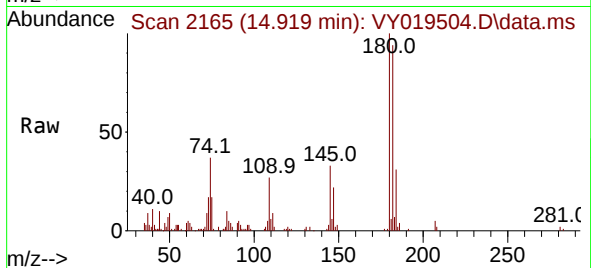
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:180	Resp: 2103
Ion Ratio	Lower Upper
180 100	
182 94.3	47.9 143.8
145 32.4	14.2 42.6

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 4.204 ug/l

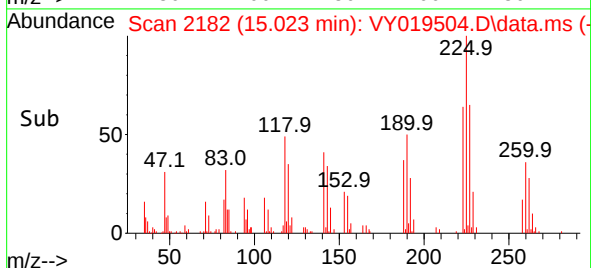
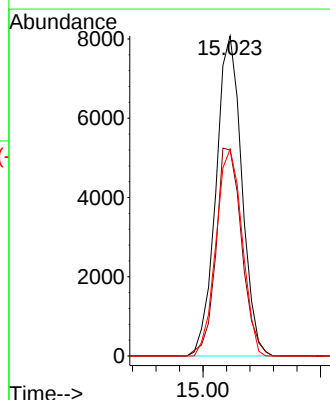
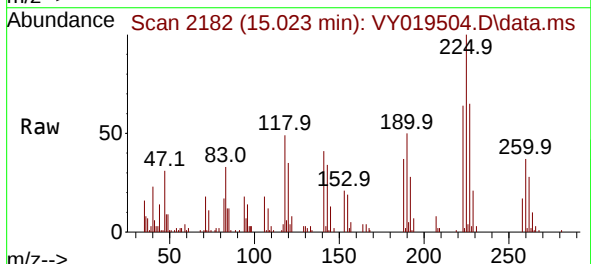
RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Tgt Ion:225	Resp: 12339
Ion Ratio	Lower Upper
225 100	
223 64.9	30.4 91.2
227 65.2	31.9 95.9





#95

Naphthalene

Concen: 3.527 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

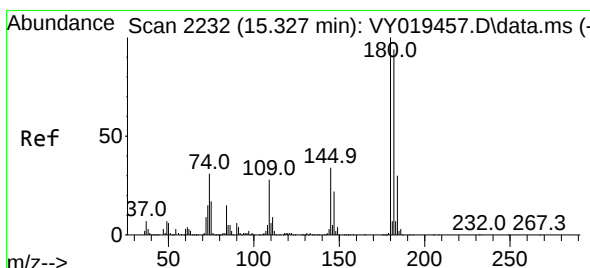
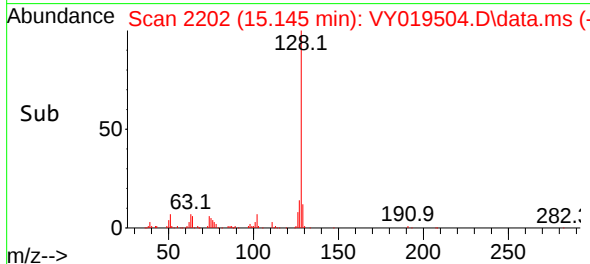
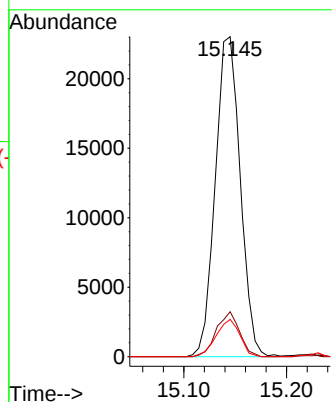
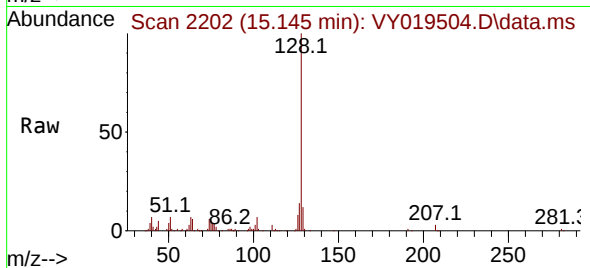
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	128	Resp:	3880
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	11.0	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: 3.735 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019504.D

Acq: 11 Sep 2024 12:15

Tgt Ion:	180	Resp:	17551
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.6	142.9
145	37.4	15.4	46.1

