

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019523.D
 Acq On : 12 Sep 2024 12:42
 Operator : SY/MD
 Sample : P3390-03 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Quant Time: Sep 13 02:24:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 02:24:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
 Supervised By :Semsettin Yesilyurt 09/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	451813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	798989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	669444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	302481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	226362	54.106	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.220%			
35) Dibromofluoromethane	7.634	113	228603	50.463	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.920%			
50) Toluene-d8	10.109	98	851286	50.805	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.620%			
62) 4-Bromofluorobenzene	12.408	95	295724	45.900	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 91.800%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	7195	2.519	ug/l	100
3) Chloromethane	2.074	50	7884	2.109	ug/l	92
4) Vinyl Chloride	2.202	62	9091	2.249	ug/l	95
5) Bromomethane	2.598	94	7022	2.828	ug/l	95
6) Chloroethane	2.739	64	7206	2.727	ug/l	98
7) Trichlorofluoromethane	3.056	101	18226	2.705	ug/l	# 81
8) Diethyl Ether	3.452	74	5907	2.612	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.812	101	11728	2.814	ug/l	96
10) Methyl Iodide	3.994	142	11975	2.241	ug/l	91
11) Tert butyl alcohol	4.860	59	5008	14.822	ug/l	# 60
12) 1,1-Dichloroethene	3.787	96	9269	2.312	ug/l	# 75
13) Acrolein	3.659	56	5919	32.671	ug/l	96
14) Allyl chloride	4.385	41	17649	2.455	ug/l	# 93
15) Acrylonitrile	5.061	53	14126	14.485	ug/l	98
16) Acetone	3.873	43	12980	13.023	ug/l	# 86
17) Carbon Disulfide	4.110	76	13120	1.211	ug/l	96
18) Methyl Acetate	4.385	43	10834	4.005	ug/l	90
19) Methyl tert-butyl Ether	5.110	73	33240	2.928	ug/l	98
20) Methylene Chloride	4.604	84	22270	4.899	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	10363	2.359	ug/l	# 76
22) Diisopropyl ether	6.012	45	42975	2.911	ug/l	# 82
23) Vinyl Acetate	5.958	43	133851	15.875	ug/l	94
24) 1,1-Dichloroethane	5.909	63	23404	2.825	ug/l	97
25) 2-Butanone	6.896	43	16602	11.712	ug/l	96
26) 2,2-Dichloropropane	6.878	77	21809	2.919	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	15260	2.859	ug/l	91
28) Bromochloromethane	7.244	49	9261	2.657	ug/l	85
29) Tetrahydrofuran	7.262	42	12073	14.007	ug/l	# 84
30) Chloroform	7.415	83	27412	3.242	ug/l	90
31) Cyclohexane	7.701	56	24773	3.309	ug/l	# 75
32) 1,1,1-Trichloroethane	7.610	97	21390	2.822	ug/l	96
36) 1,1-Dichloropropene	7.835	75	15416	2.501	ug/l	97
37) Ethyl Acetate	6.982	43	7359	2.330	ug/l	# 73
38) Carbon Tetrachloride	7.817	117	17715	2.548	ug/l	91
39) Methylcyclohexane	9.109	83	16972	2.069	ug/l	96
40) Benzene	8.079	78	48979	2.580	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	4276	2.323	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	14816	2.900	ug/l	99
43) Isopropyl Acetate	8.195	43	17887	2.696	ug/l #	90
44) Trichloroethene	8.866	130	12815	2.625	ug/l	99
45) 1,2-Dichloropropane	9.146	63	13110	2.824	ug/l	98
46) Dibromomethane	9.231	93	6898	2.718	ug/l	95
47) Bromodichloromethane	9.426	83	19995	2.930	ug/l	92
48) Methyl methacrylate	9.219	41	7944	2.535	ug/l #	84
49) 1,4-Dioxane	9.225	88	1835	61.410	ug/l #	84
51) 4-Methyl-2-Pentanone	9.999	43	44949	13.465	ug/l	90
52) Toluene	10.170	92	31979	2.619	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	16315	2.508	ug/l	92
54) cis-1,3-Dichloropropene	9.859	75	19352	2.555	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	10176	2.903	ug/l	96
56) Ethyl methacrylate	10.438	69	13495	2.534	ug/l #	78
57) 1,3-Dichloropropane	10.719	76	17168	2.849	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	29089	11.770	ug/l	97
59) 2-Hexanone	10.762	43	29779	12.168	ug/l	89
60) Dibromochloromethane	10.914	129	13383	2.886	ug/l	95
61) 1,2-Dibromoethane	11.018	107	9042	2.769	ug/l	96
64) Tetrachloroethene	10.646	164	11602	2.799	ug/l	94
65) Chlorobenzene	11.444	112	37464	2.845	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.518	131	13849	3.038	ug/l	95
67) Ethyl Benzene	11.518	91	65686	2.807	ug/l	98
68) m/p-Xylenes	11.627	106	48145	5.442	ug/l	90
69) o-Xylene	11.956	106	23878	2.760	ug/l	91
70) Styrene	11.969	104	41163	2.818	ug/l	96
71) Bromoform	12.127	173	7240	2.780	ug/l #	99
73) Isopropylbenzene	12.255	105	64641	2.946	ug/l	98
74) N-amyl acetate	12.072	43	16214	2.717	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	11759	3.019	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	8396m	2.961	ug/l	
77) Bromobenzene	12.530	156	13730	2.821	ug/l	84
78) n-propylbenzene	12.597	91	78422	3.015	ug/l	98
79) 2-Chlorotoluene	12.676	91	46308	3.055	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	54175	3.037	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	4329m	2.931	ug/l	
82) 4-Chlorotoluene	12.779	91	47363	3.039	ug/l	98
83) tert-Butylbenzene	12.999	119	49500	3.065	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	52285	2.961	ug/l	98
85) sec-Butylbenzene	13.176	105	70538	3.007	ug/l	100
86) p-Isopropyltoluene	13.292	119	56988	2.969	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	29342	3.103	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	30254	3.224	ug/l	89
89) n-Butylbenzene	13.615	91	54582	2.974	ug/l	98
90) Hexachloroethane	13.877	117	12848	3.217	ug/l	89
91) 1,2-Dichlorobenzene	13.657	146	26839	3.180	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2088	3.217	ug/l	74
93) 1,2,4-Trichlorobenzene	14.913	180	15277	2.976	ug/l	94
94) Hexachlorobutadiene	15.023	225	8015	2.923	ug/l	96
95) Naphthalene	15.139	128	29435	2.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	12517	2.851	ug/l	94

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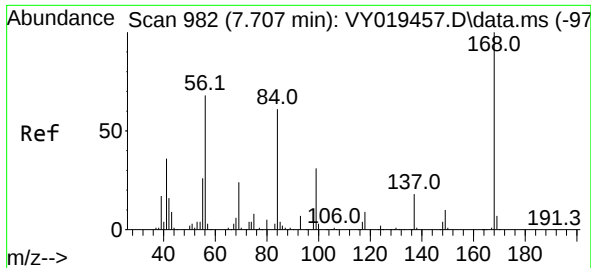
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Sep 13 02:24:18 2024
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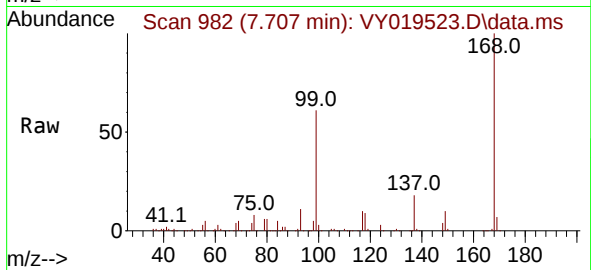
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

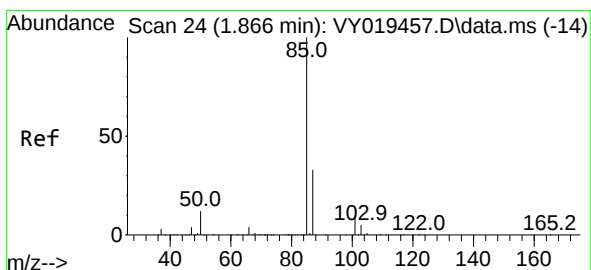
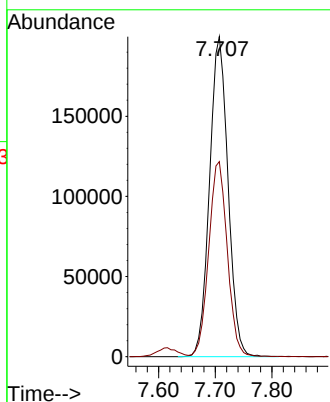
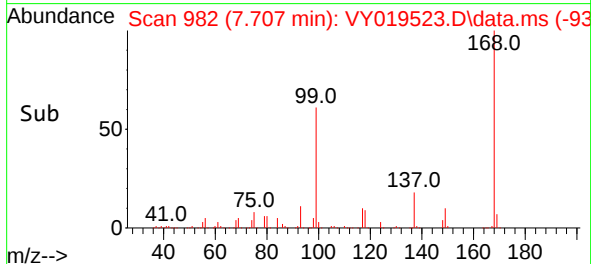
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:168 Resp: 45181
Ion Ratio Lower Upper
168 100
99 60.9 39.1 58.7

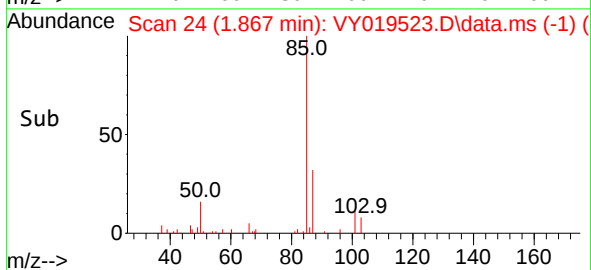
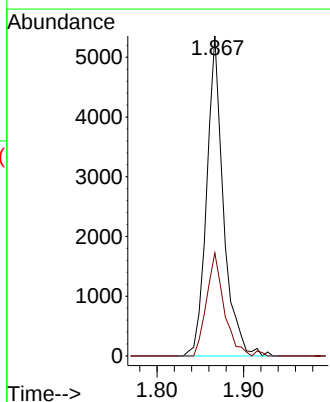
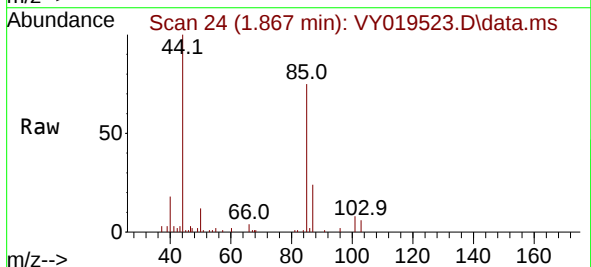
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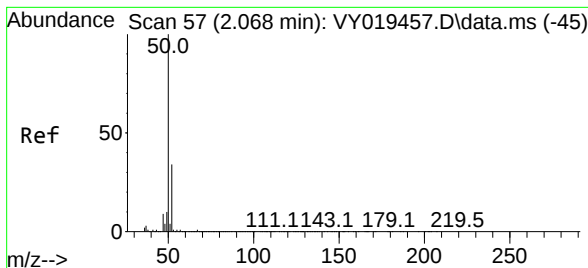
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#2
Dichlorodifluoromethane
Concen: 2.519 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 85 Resp: 7195
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0





#3

Chloromethane

Concen: 2.109 ug/l

RT: 2.074 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 50 Resp: 7884

Ion Ratio Lower Upper

50 100

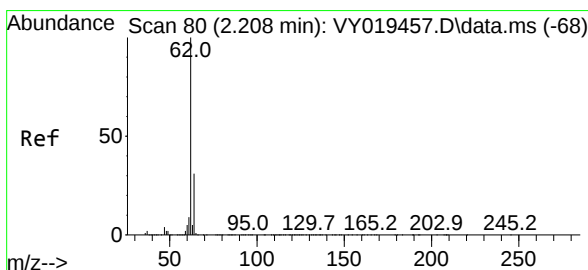
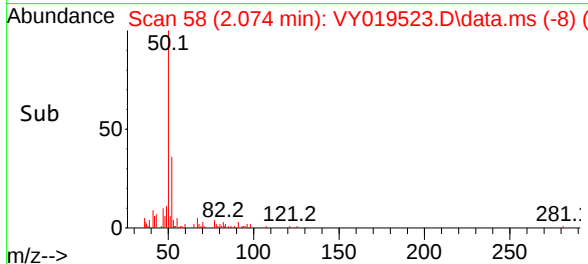
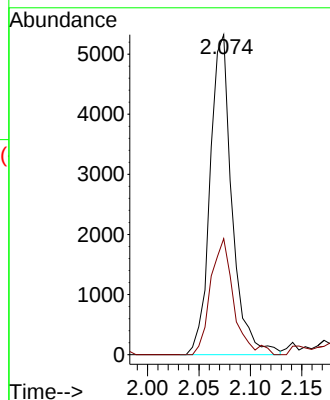
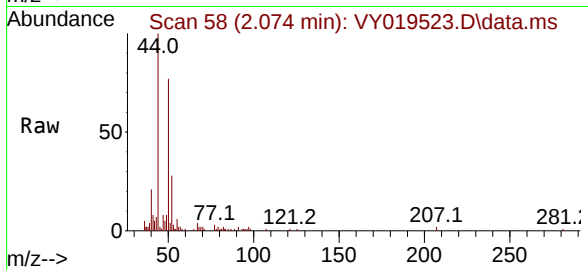
52 36.3 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 2.249 ug/l

RT: 2.202 min Scan# 79

Delta R.T. -0.006 min

Lab File: VY019523.D

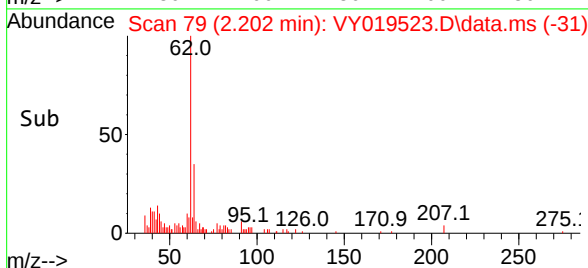
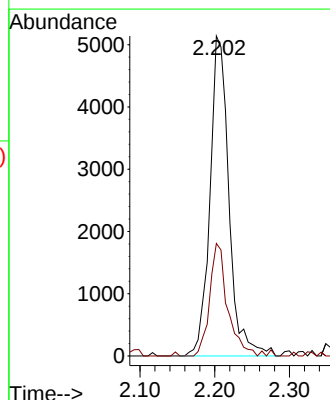
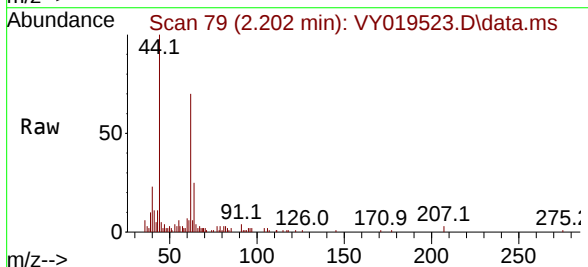
Acq: 12 Sep 2024 12:42

Tgt Ion: 62 Resp: 9091

Ion Ratio Lower Upper

62 100

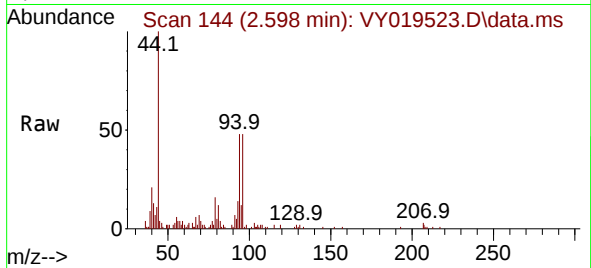
64 35.1 26.1 39.1





#5
Bromomethane
Concen: 2.828 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

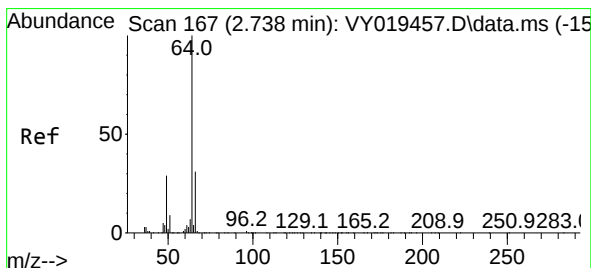
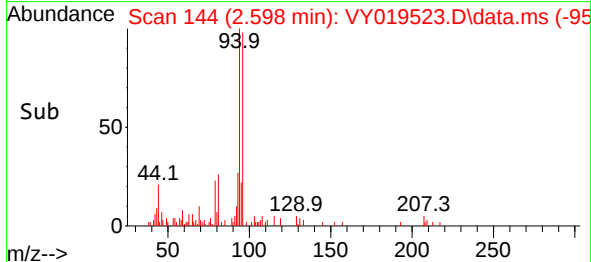
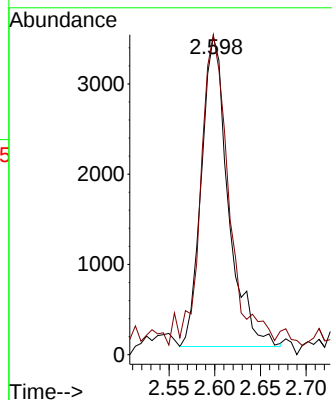
Instrument :
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Tgt Ion: 94 Resp: 702
Ion Ratio Lower Upper
94 100
96 97.8 74.1 111.1

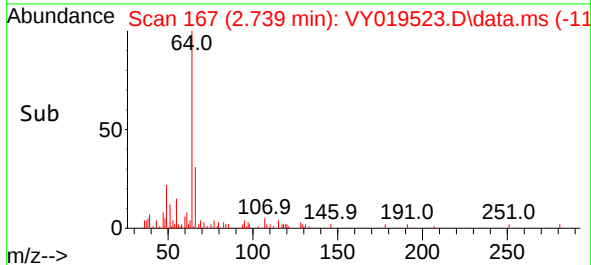
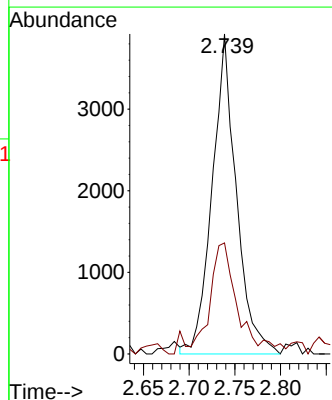
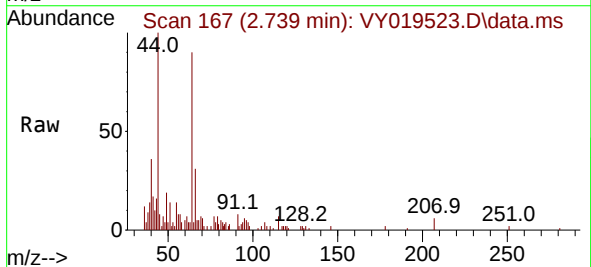
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#6
Chloroethane
Concen: 2.727 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

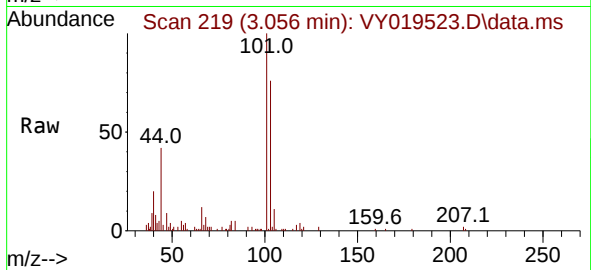
Tgt Ion: 64 Resp: 7206
Ion Ratio Lower Upper
64 100
66 31.5 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 2.705 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY019523.D
 Acq: 12 Sep 2024 12:42

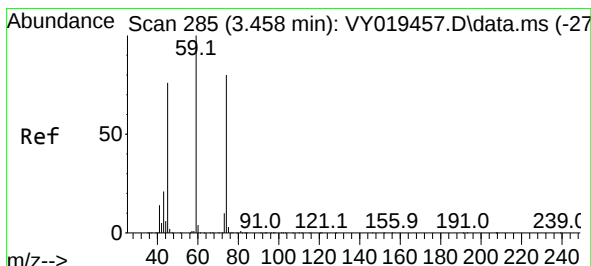
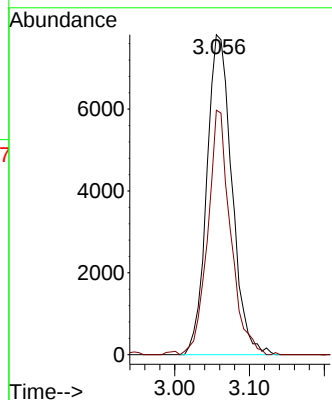
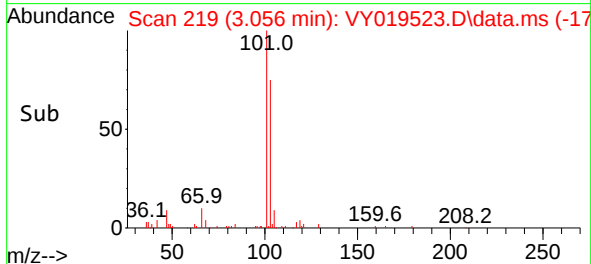
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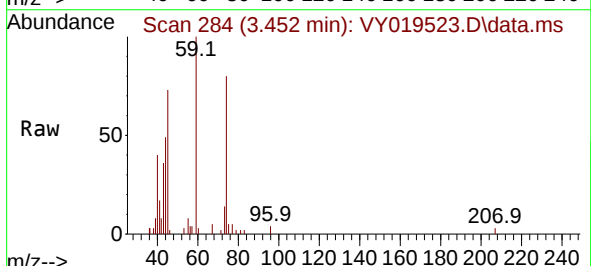
Tgt Ion:101 Resp: 18220
 Ion Ratio Lower Upper
 101 100
 103 76.4 49.3 73.9

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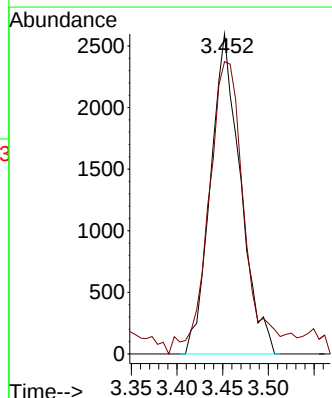
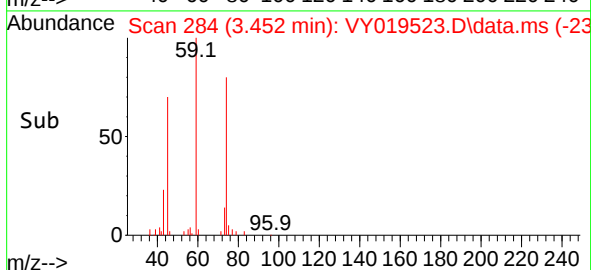
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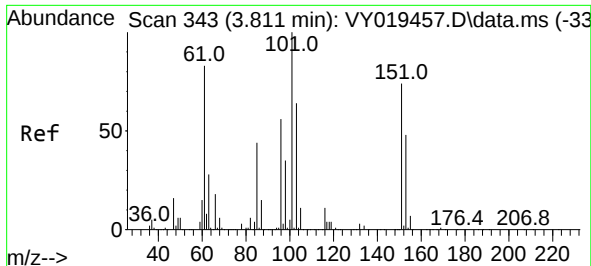


#8
 Diethyl Ether
 Concen: 2.612 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019523.D
 Acq: 12 Sep 2024 12:42



Tgt Ion: 74 Resp: 5907
 Ion Ratio Lower Upper
 74 100
 45 109.8 41.3 124.1





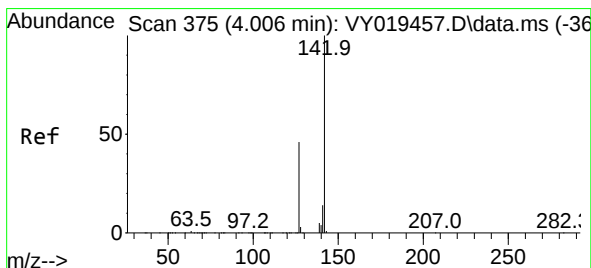
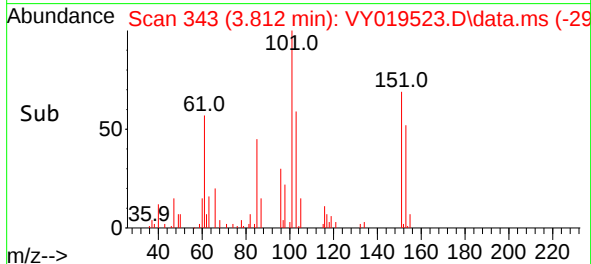
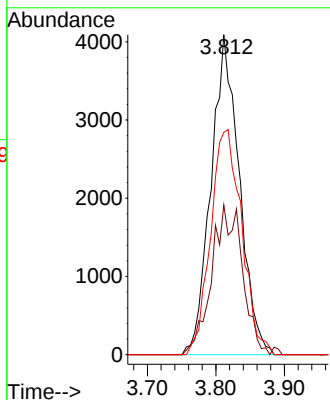
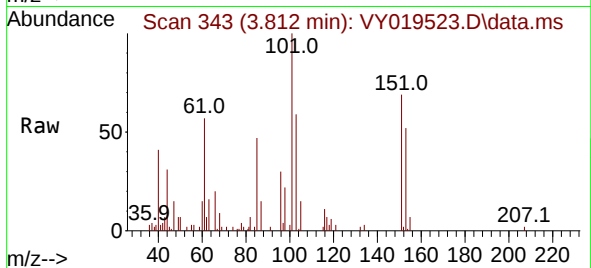
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1,1,2-Trichlorotrifluoroethane
Concen: 2.814 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

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ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:101 Resp: 11728
Ion Ratio Lower Upper
101 100
85 50.6 34.5 51.7
151 77.2 61.7 92.5

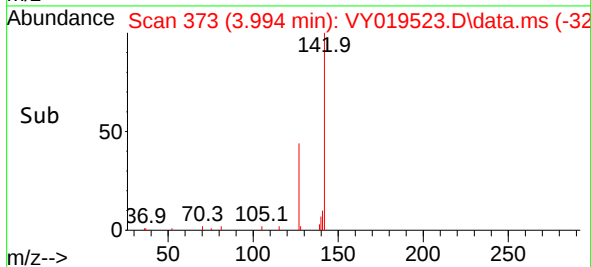
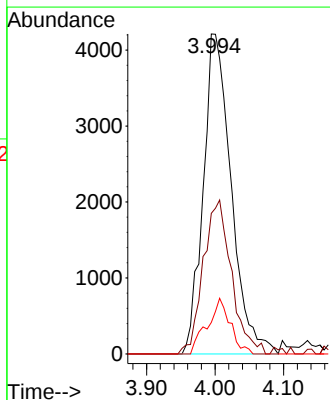
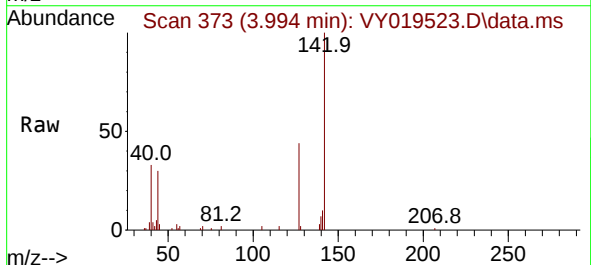
Manual Integrations
APPROVED

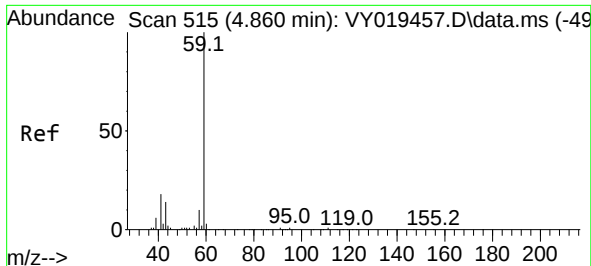
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#10
Methyl Iodide
Concen: 2.241 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

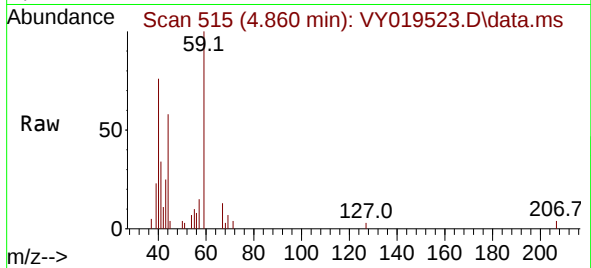
Tgt Ion:142 Resp: 11975
Ion Ratio Lower Upper
142 100
127 48.3 32.8 49.2
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 14.822 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

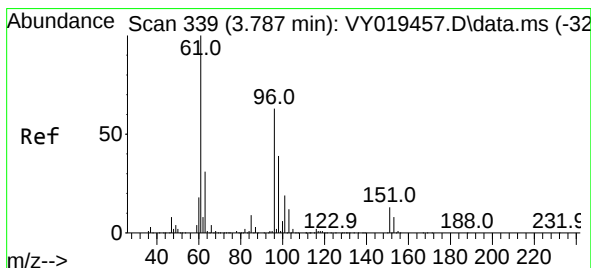
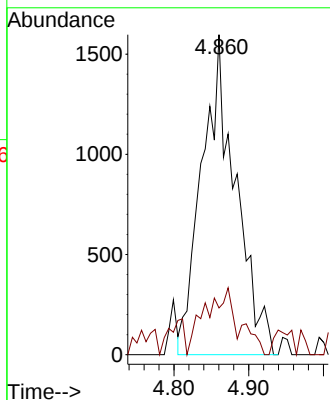
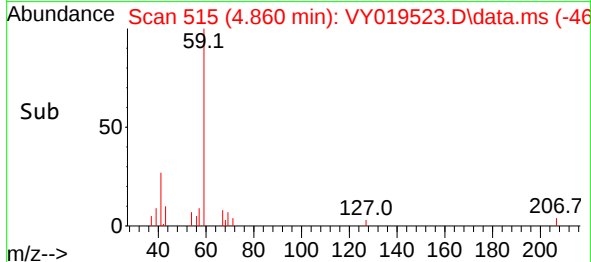
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



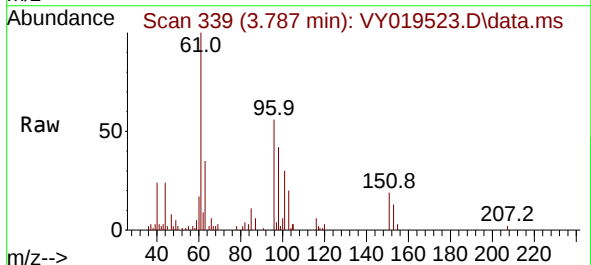
Tgt Ion: 59 Resp: 5008
Ion Ratio Lower Upper
59 100
57 16.9 3.0 4.6

Manual Integrations
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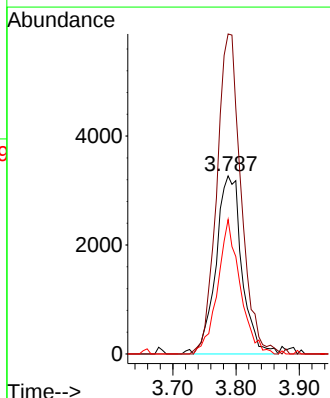
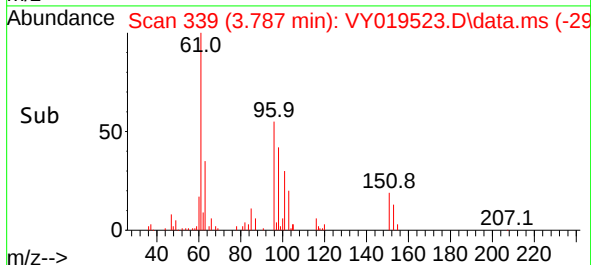
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#12
1,1-Dichloroethene
Concen: 2.312 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42



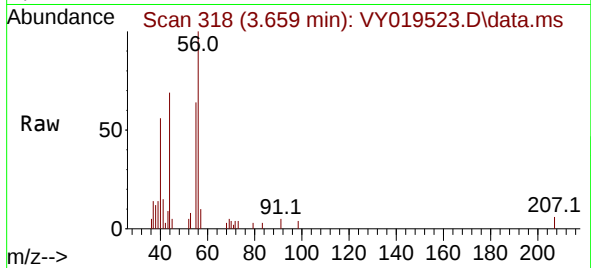
Tgt Ion: 96 Resp: 9269
Ion Ratio Lower Upper
96 100
61 179.6 114.6 171.8#
98 75.5 50.8 76.2





#13
Acrolein
Concen: 32.671 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

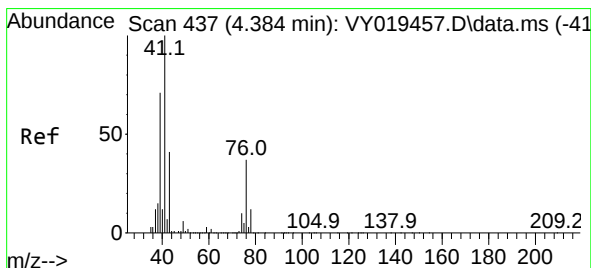
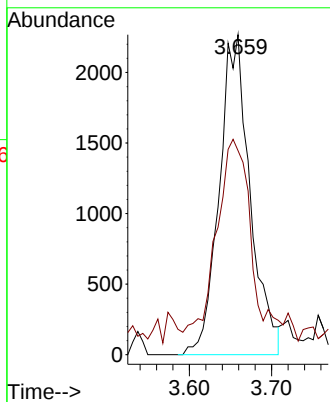
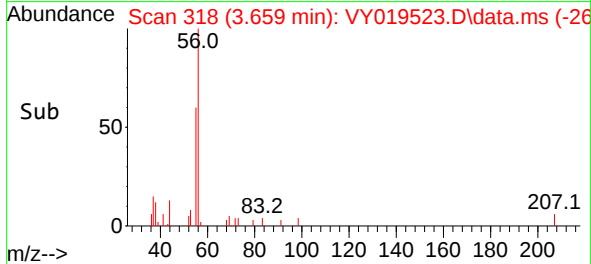
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 56 Resp: 5919
Ion Ratio Lower Upper
56 100
55 72.8 55.7 83.5

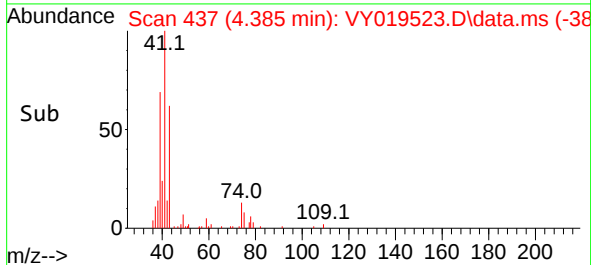
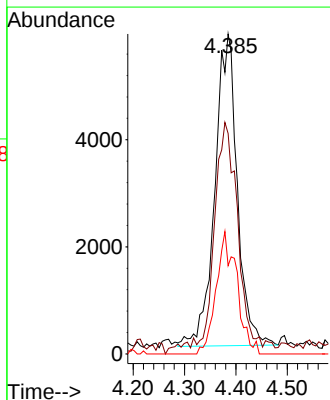
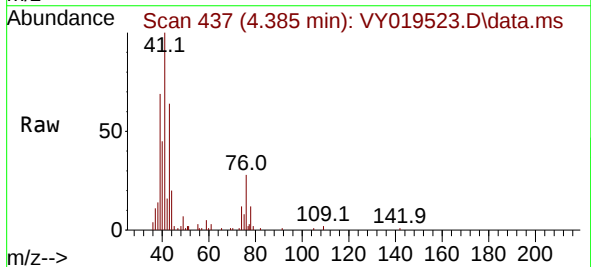
Manual Integrations
APPROVED

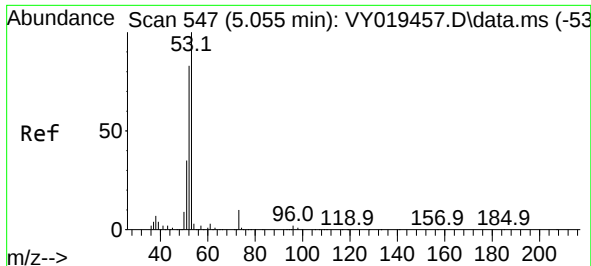
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#14
Allyl chloride
Concen: 2.455 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

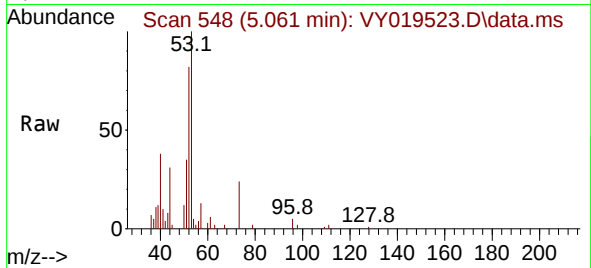
Tgt Ion: 41 Resp: 17649
Ion Ratio Lower Upper
41 100
39 73.1 58.3 87.5
76 36.3 39.0 58.6





#15
Acrylonitrile
Concen: 14.485 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

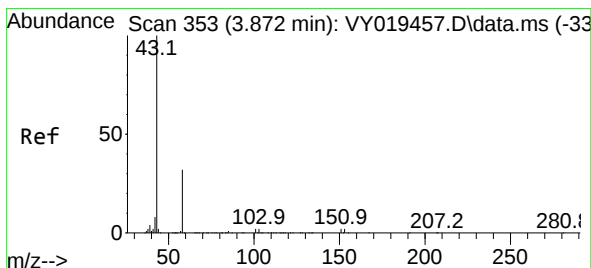
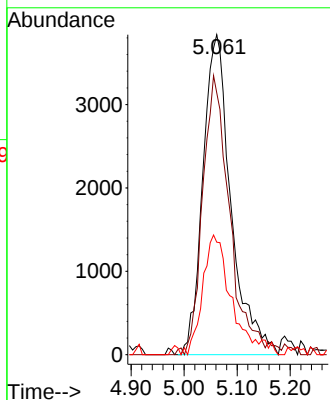
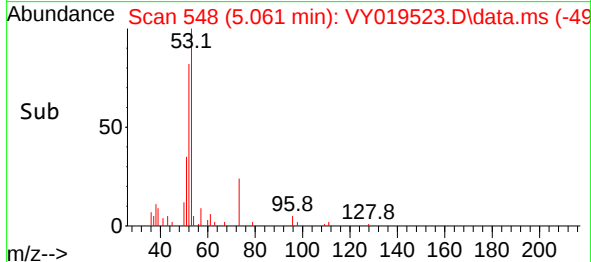
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 53 Resp: 14120
Ion Ratio Lower Upper
53 100
52 82.7 64.7 97.1
51 37.0 28.4 42.6

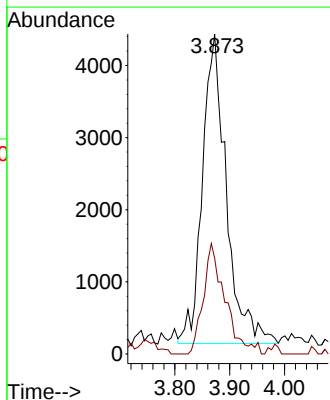
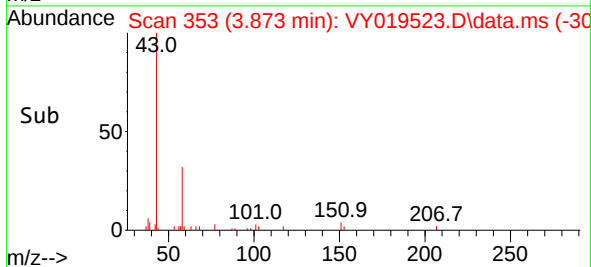
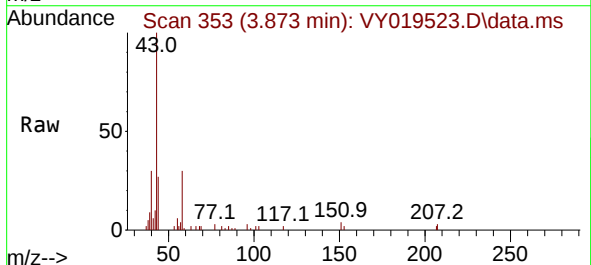
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#16
Acetone
Concen: 13.023 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

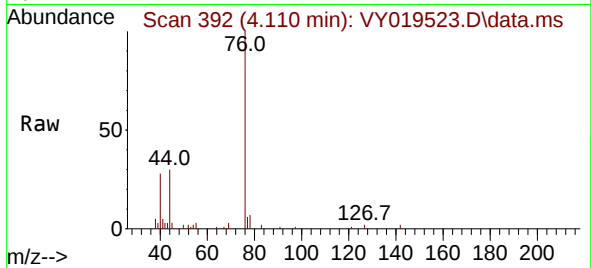
Tgt Ion: 43 Resp: 12980
Ion Ratio Lower Upper
43 100
58 30.9 31.7 47.5#





#17
Carbon Disulfide
Concen: 1.211 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

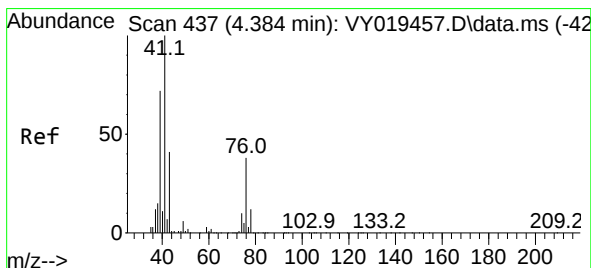
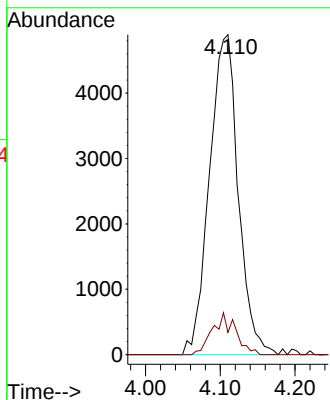
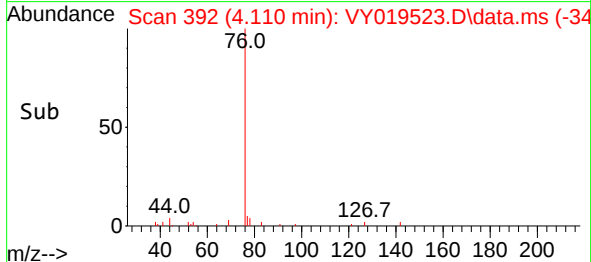
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 76 Resp: 13120
Ion Ratio Lower Upper
76 100
78 6.9 6.8 10.2

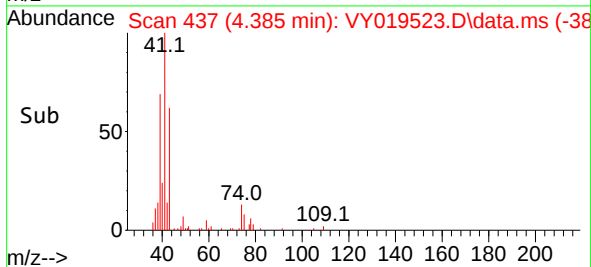
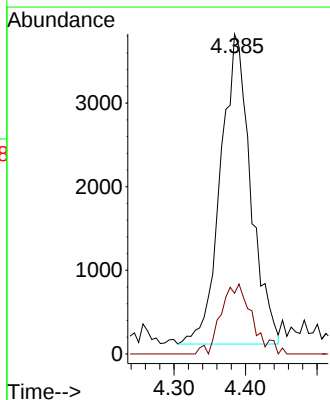
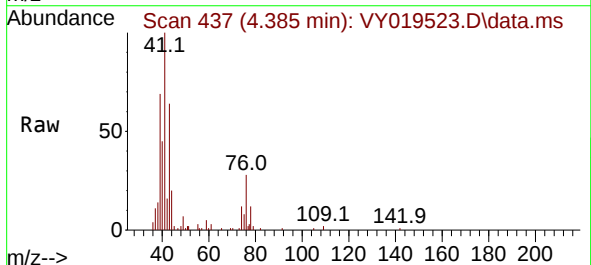
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#18
Methyl Acetate
Concen: 4.005 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 43 Resp: 10834
Ion Ratio Lower Upper
43 100
74 23.5 23.3 34.9





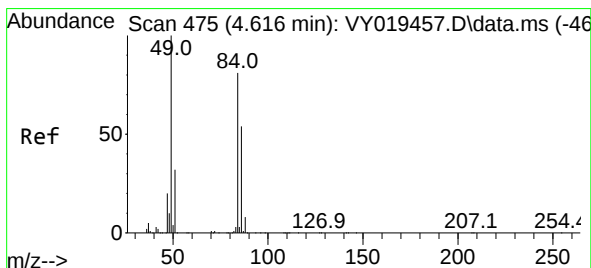
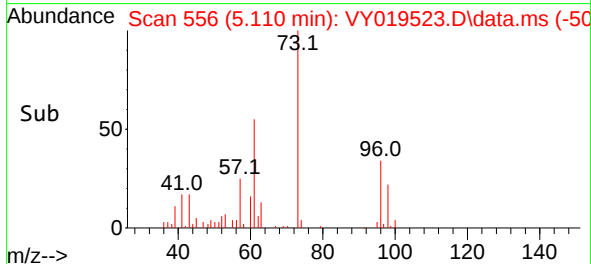
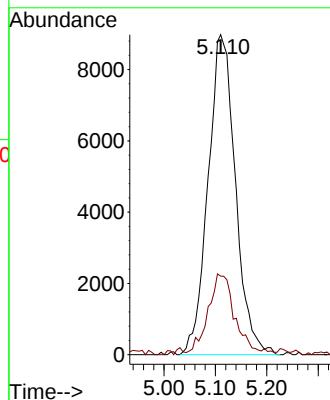
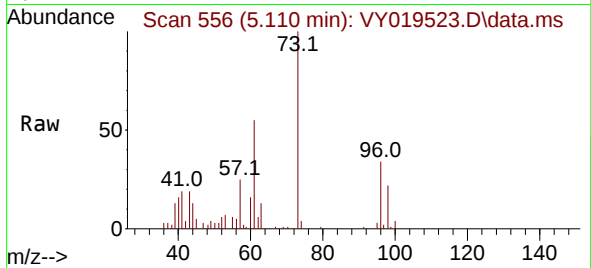
#19
Methyl tert-butyl Ether
Concen: 2.928 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 73 Resp: 33240
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

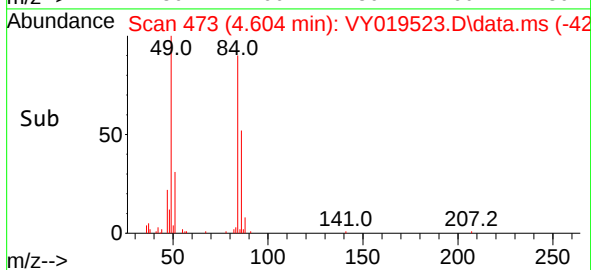
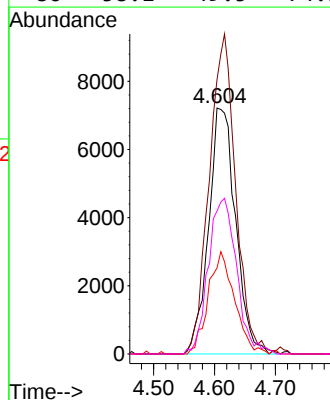
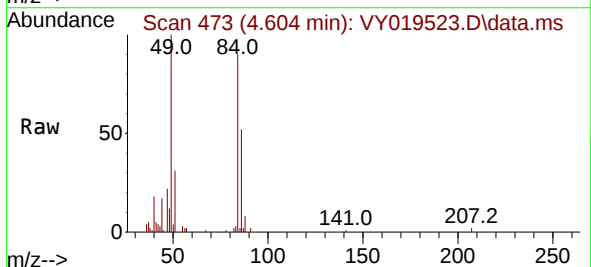
Manual Integrations
APPROVED

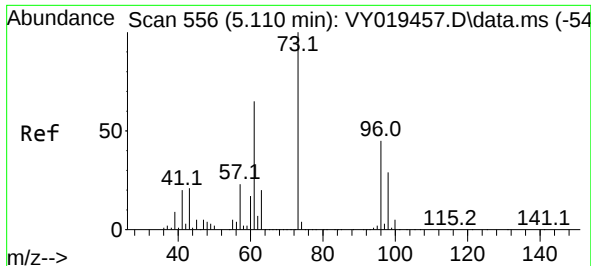
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#20
Methylene Chloride
Concen: 4.899 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

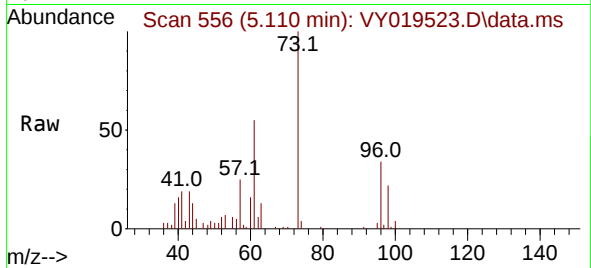
Tgt Ion: 84 Resp: 22270
Ion Ratio Lower Upper
84 100
49 111.6 84.4 126.6
51 35.0 26.0 39.0
86 58.1 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 2.359 ug/l
RT: 5.110 min Scan# 510
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

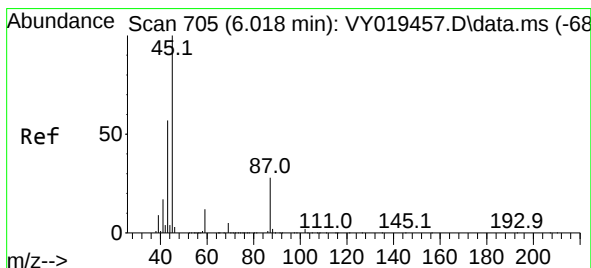
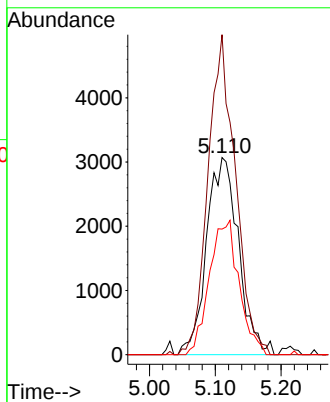
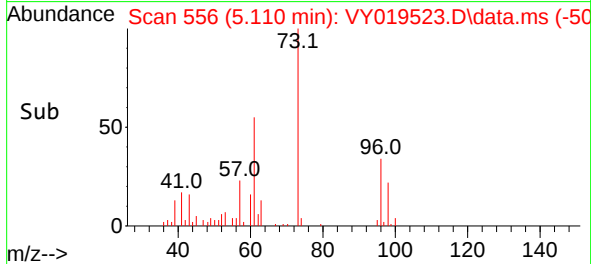
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



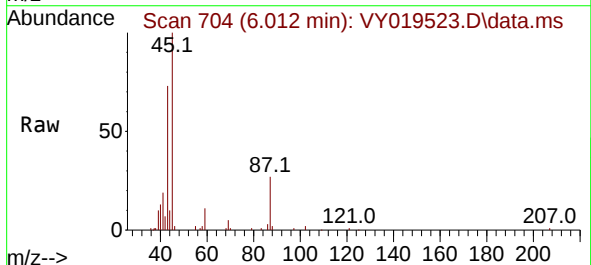
Tgt Ion: 96 Resp: 1036
Ion Ratio Lower Upper
96 100
61 162.3 97.5 146.3
98 63.7 50.5 75.7

Manual Integrations
APPROVED

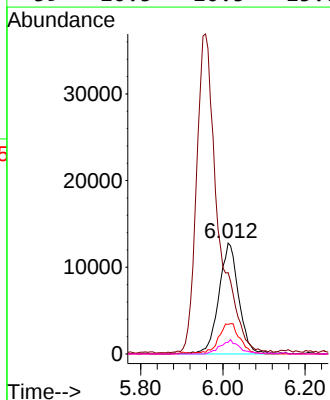
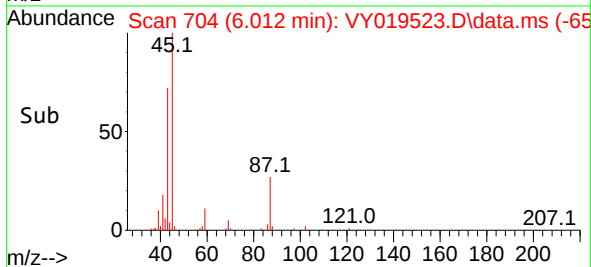
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

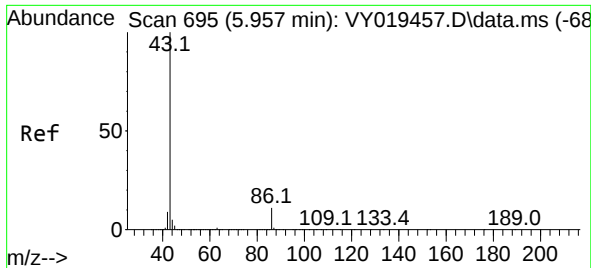


#22
Diisopropyl ether
Concen: 2.911 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42



Tgt Ion: 45 Resp: 42975
Ion Ratio Lower Upper
45 100
43 71.3 42.2 63.2
87 26.8 25.0 37.6
59 10.5 10.5 15.7





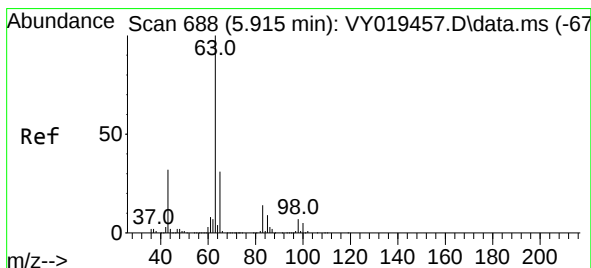
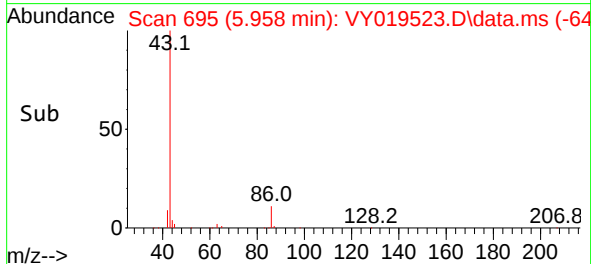
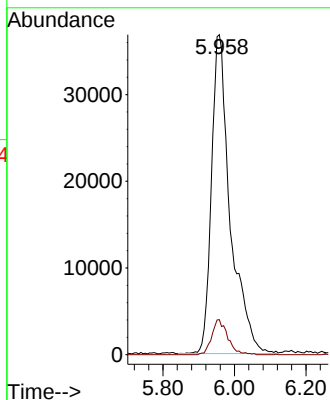
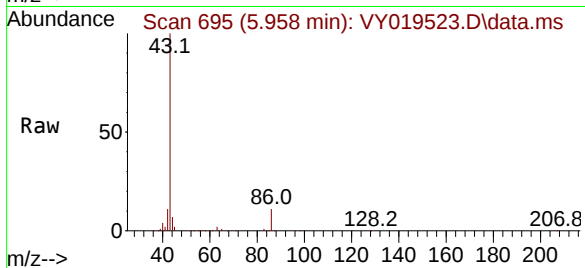
#23
 Vinyl Acetate
 Concen: 15.875 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019523.D
 Acq: 12 Sep 2024 12:42

Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion: 43 Resp: 13385
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.6 16.0

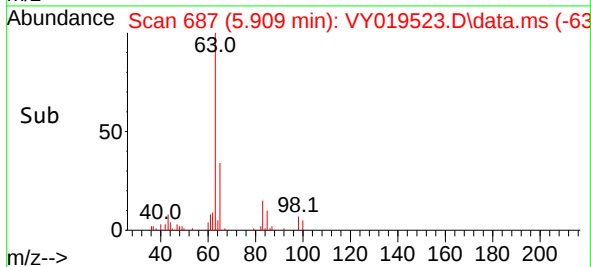
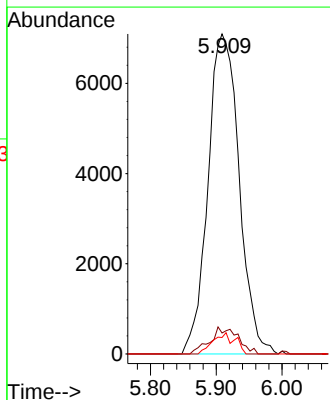
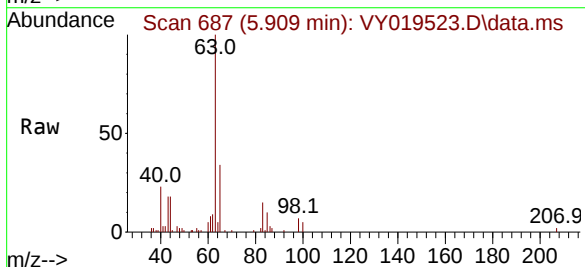
Manual Integrations
 APPROVED

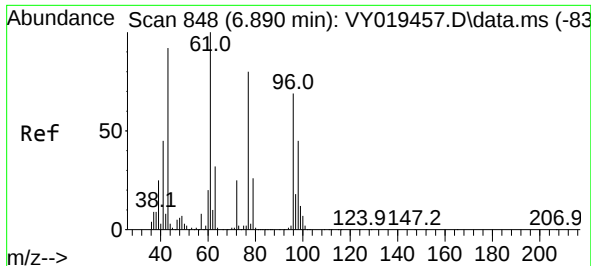
Reviewed By :Mahesh Dadoda 09/13/2024
 Supervised By :Semsettin Yesilyurt 09/13/2024



#24
 1,1-Dichloroethane
 Concen: 2.825 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019523.D
 Acq: 12 Sep 2024 12:42

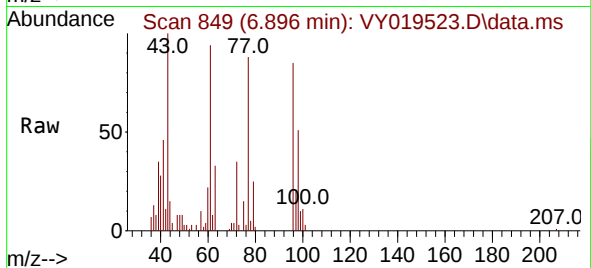
Tgt Ion: 63 Resp: 23404
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 5.2 2.6 8.0





#25
2-Butanone
Concen: 11.712 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

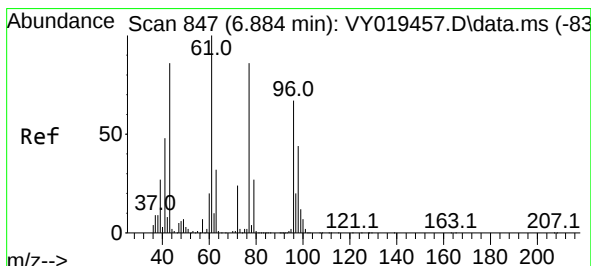
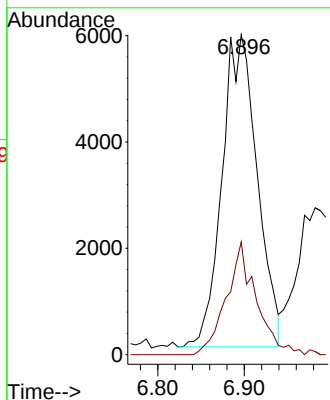
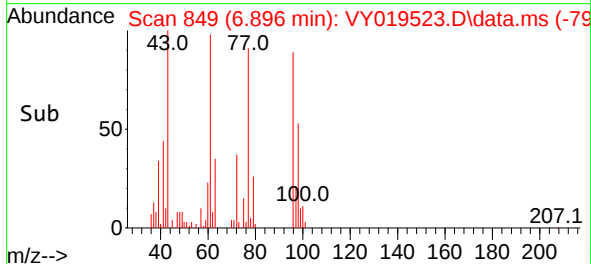
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



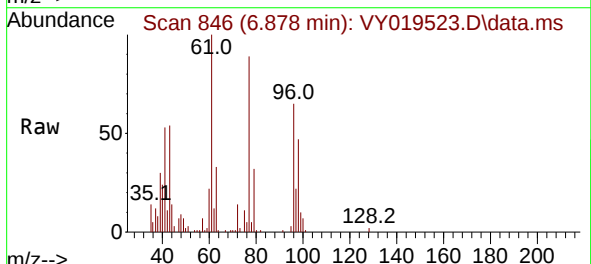
Tgt Ion: 43 Resp: 1660
Ion Ratio Lower Upper
43 100
72 36.1 27.3 40.9

Manual Integrations
APPROVED

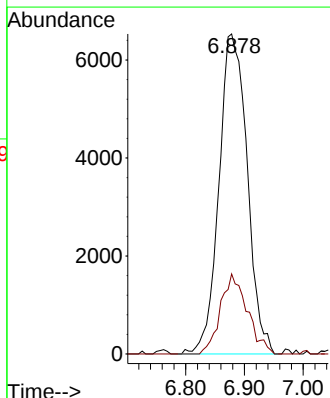
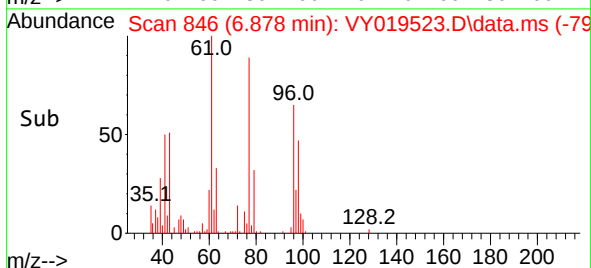
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#26
2,2-Dichloropropane
Concen: 2.919 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42



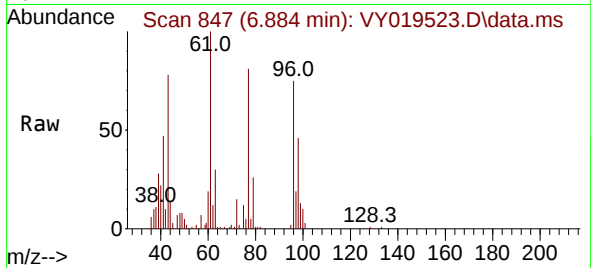
Tgt Ion: 77 Resp: 21809
Ion Ratio Lower Upper
77 100
97 23.7 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 2.859 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019523.D
 Acq: 12 Sep 2024 12:42

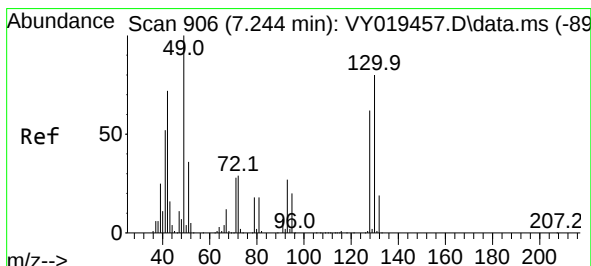
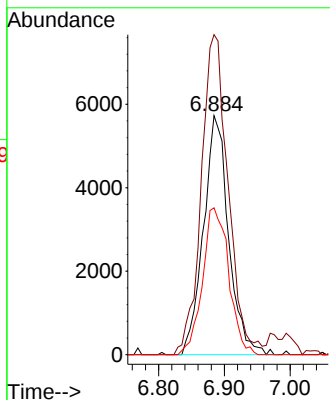
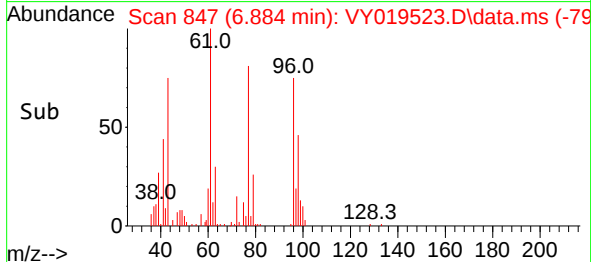
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 96 Resp: 15260
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 256.2
 98 64.0 0.0 130.0

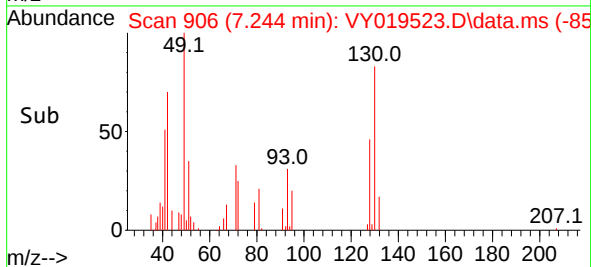
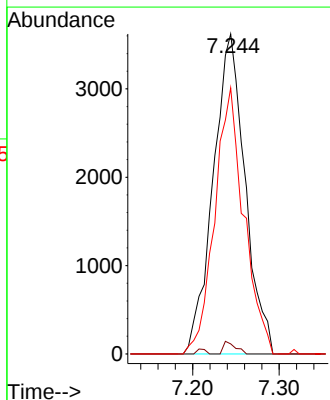
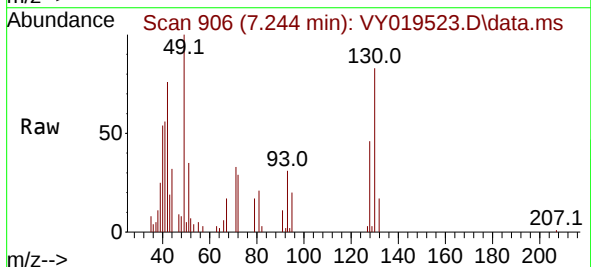
Manual Integrations
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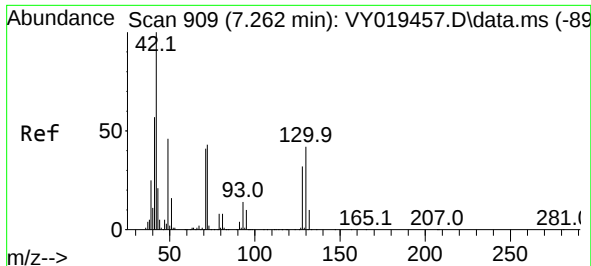
Reviewed By :Mahesh Dadoda 09/13/2024
 Supervised By :Semsettin Yesilyurt 09/13/2024



#28
 Bromochloromethane
 Concen: 2.657 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019523.D
 Acq: 12 Sep 2024 12:42

Tgt Ion: 49 Resp: 9261
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 76.3 72.7 109.1





#29

Tetrahydrofuran

Concen: 14.007 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019523.D

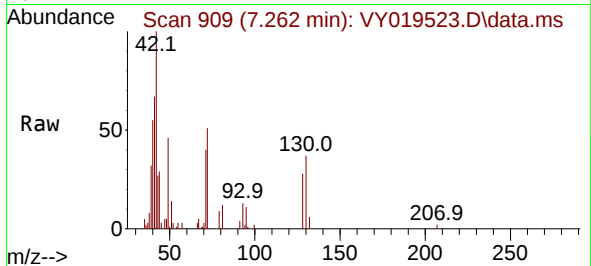
Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

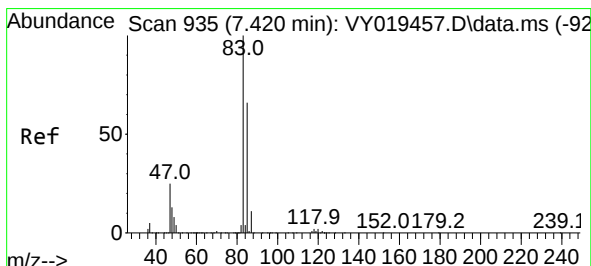
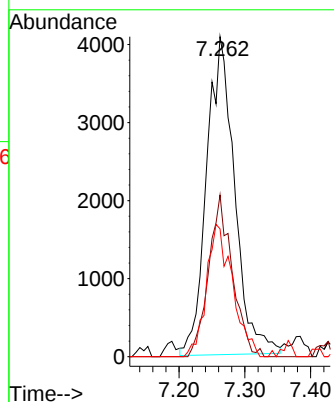


Tgt Ion:	42	Resp:	1207
Ion Ratio	100	Lower	Upper
42	100		
72	43.0	43.0	64.4
71	38.8	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#30

Chloroform

Concen: 3.242 ug/l

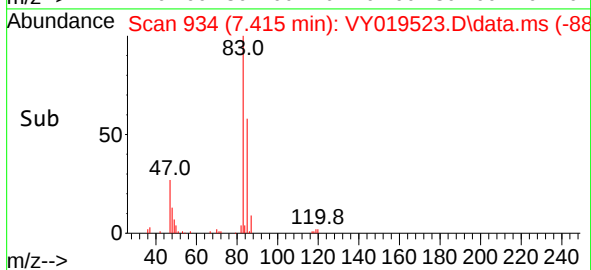
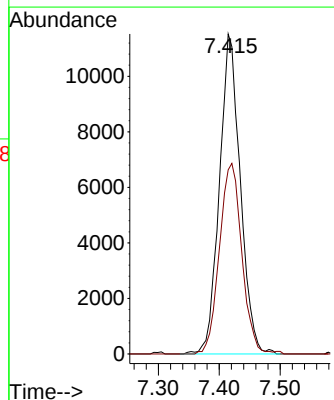
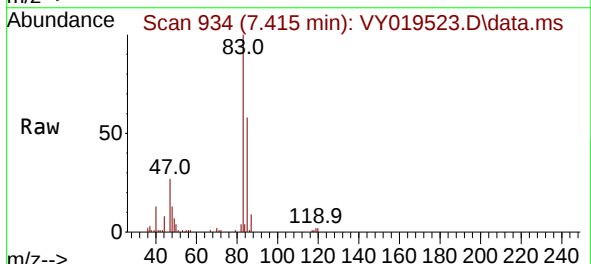
RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

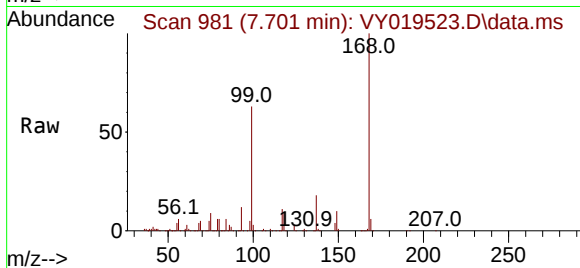
Tgt Ion:	83	Resp:	27412
Ion Ratio	100	Lower	Upper
83	100		
85	57.5	52.2	78.4





#31
Cyclohexane
Concen: 3.309 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

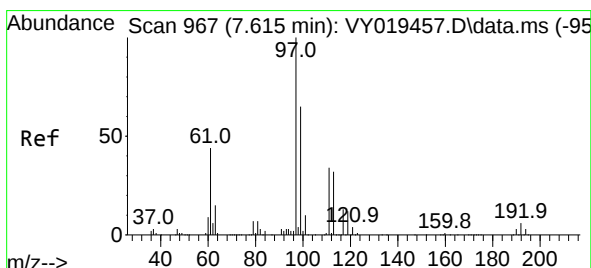
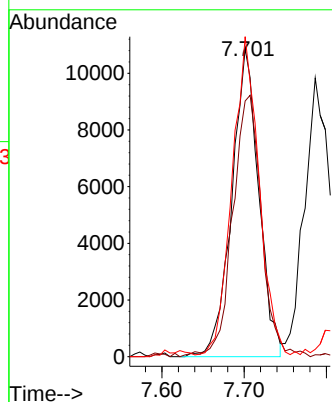
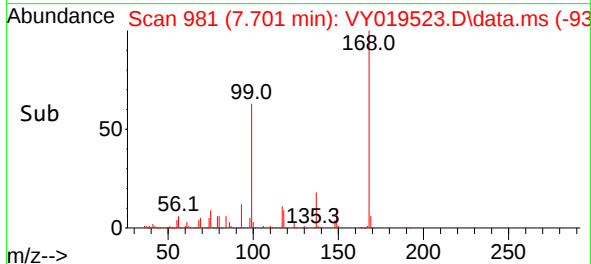
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 56 Resp: 2477
Ion Ratio Lower Upper
56 100
69 83.0 28.7 43.1
84 102.0 77.7 116.5

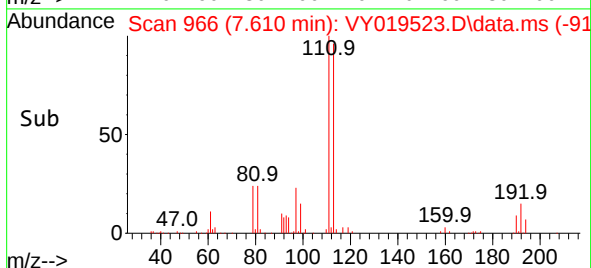
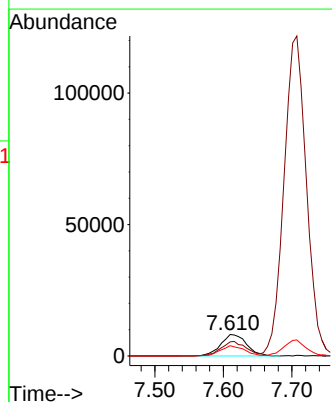
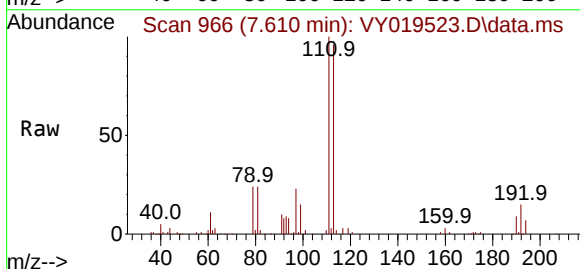
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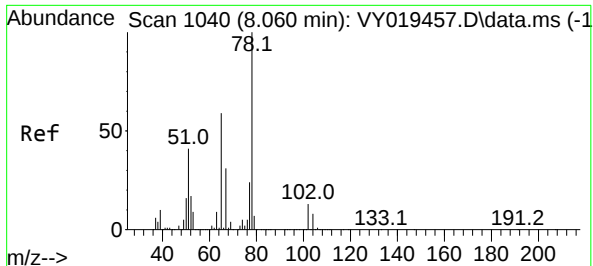
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#32
1,1,1-Trichloroethane
Concen: 2.822 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 97 Resp: 21390
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 44.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 54.106 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 65 Resp: 226362

Ion Ratio Lower Upper

65 100

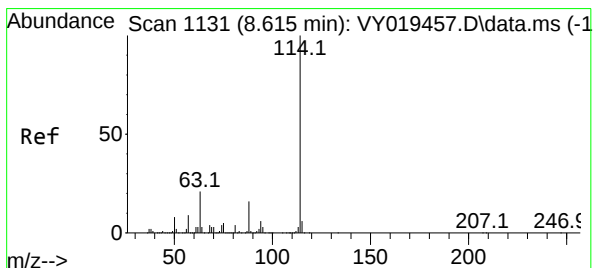
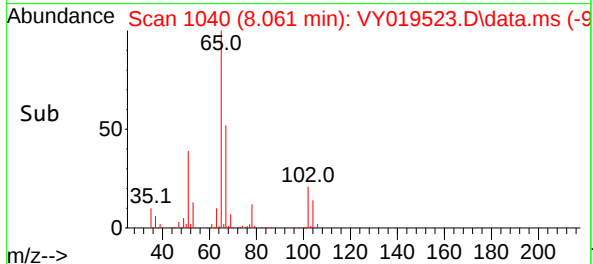
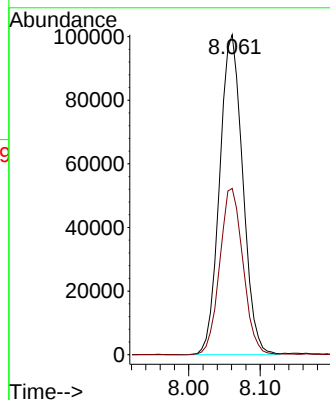
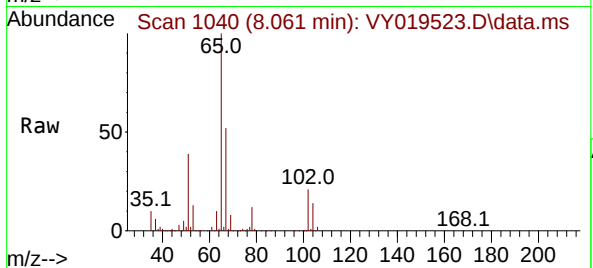
67 52.4 0.0 109.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/13/2024

Supervised By :Semsettin Yesilyurt 09/13/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

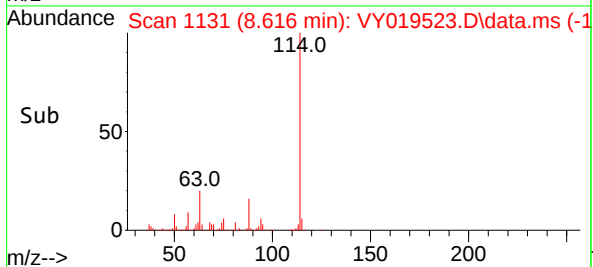
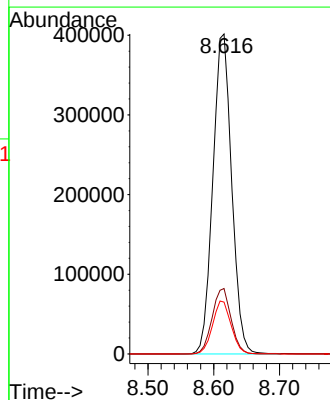
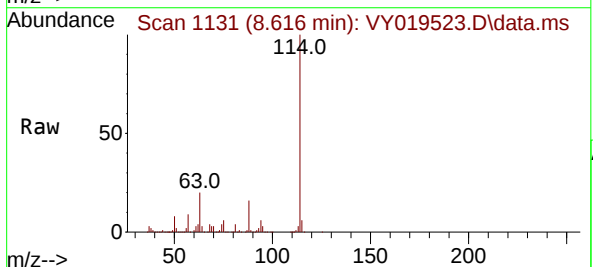
Tgt Ion:114 Resp: 798989

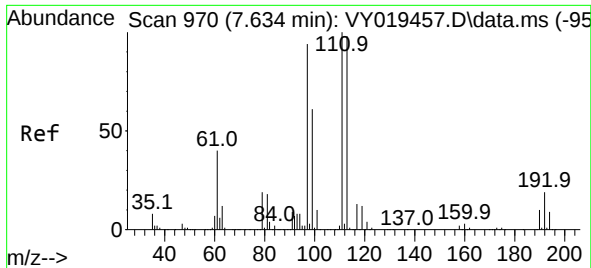
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

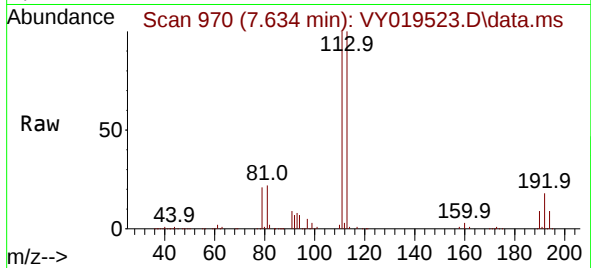
88 16.2 0.0 27.2





#35
Dibromofluoromethane
Concen: 50.463 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

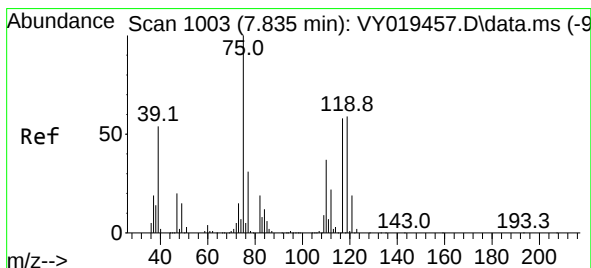
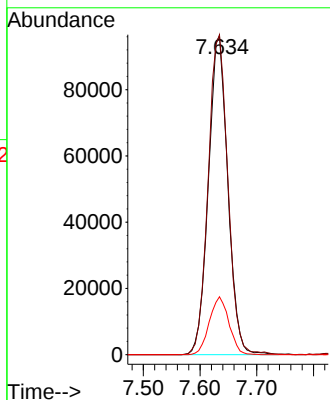
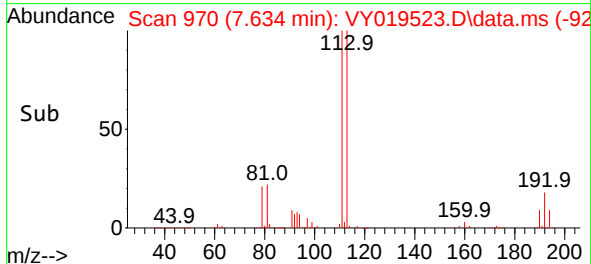
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



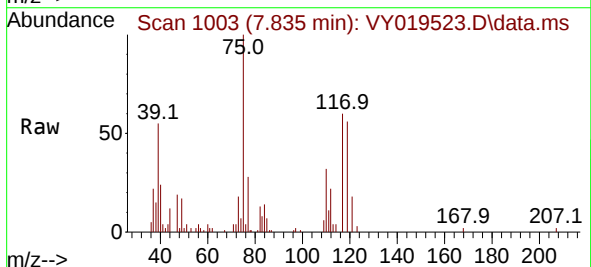
Tgt Ion:113 Resp: 22860
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.4 15.9 23.9

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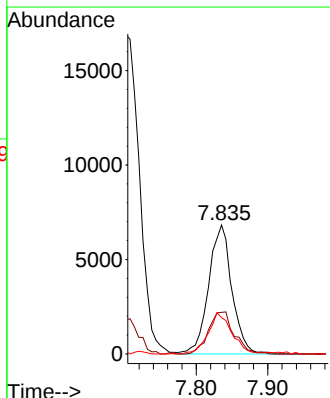
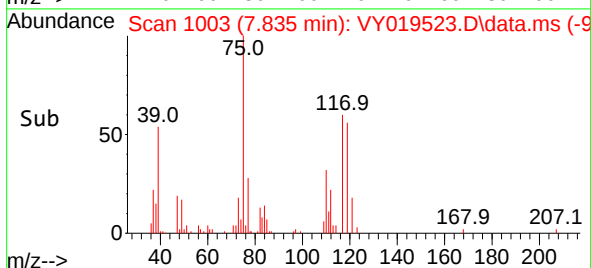
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

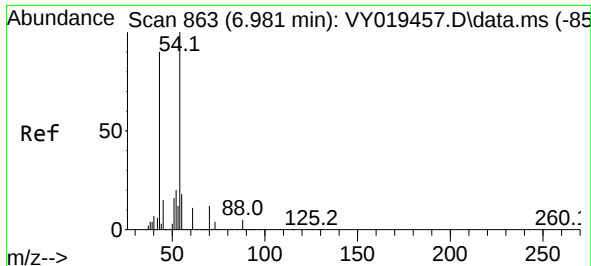


#36
1,1-Dichloropropene
Concen: 2.501 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42



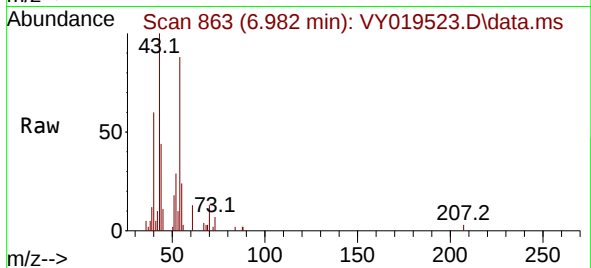
Tgt Ion: 75 Resp: 15416
Ion Ratio Lower Upper
75 100
110 36.1 19.0 57.0
77 32.6 25.3 37.9





#37
Ethyl Acetate
Concen: 2.330 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

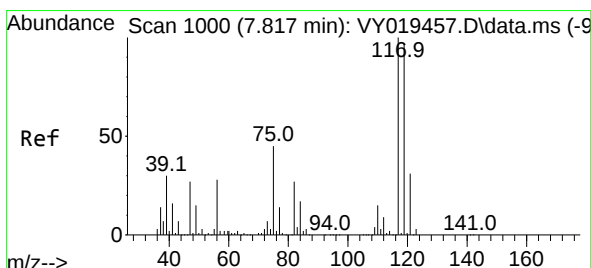
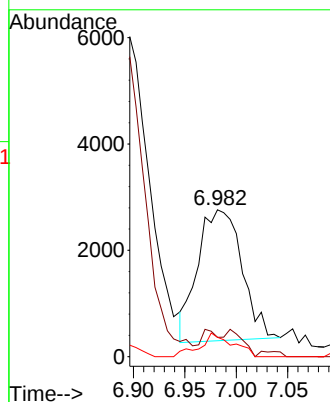
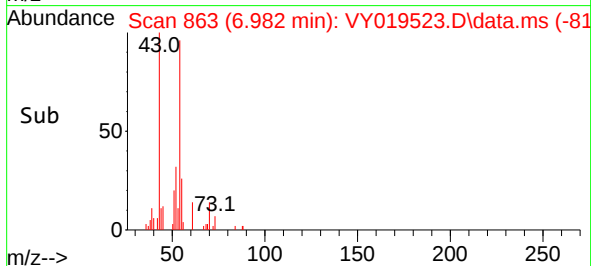
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 735
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0
70 13.2 7.8 11.8

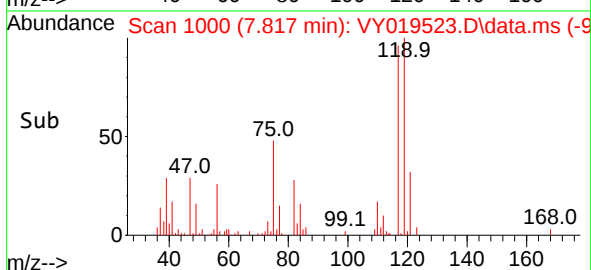
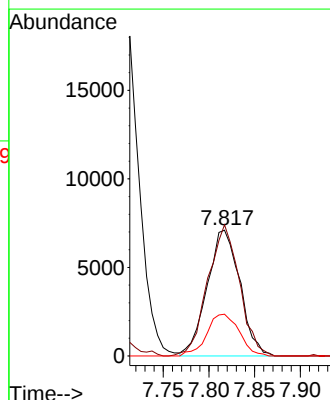
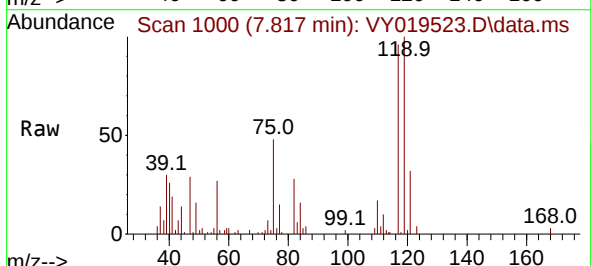
Manual Integrations
APPROVED

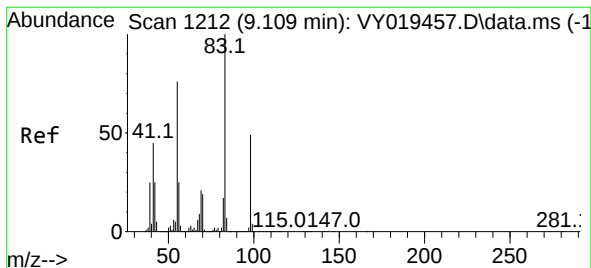
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#38
Carbon Tetrachloride
Concen: 2.548 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion:117 Resp: 17715
Ion Ratio Lower Upper
117 100
119 104.2 75.8 113.6
121 33.2 24.0 36.0





#39

Methylcyclohexane

Concen: 2.069 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

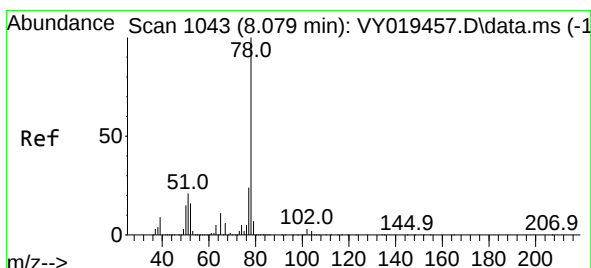
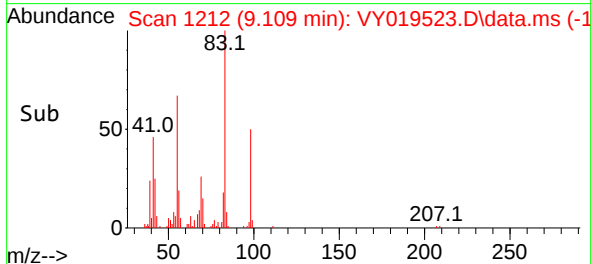
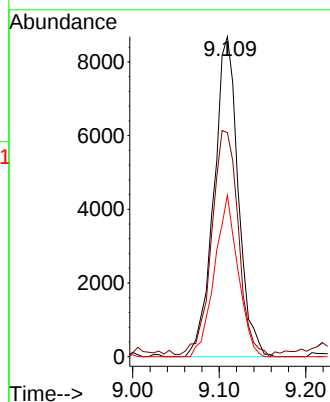
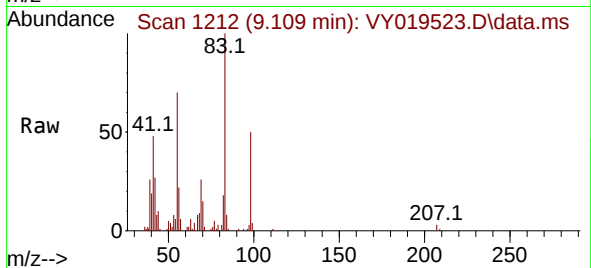
MDL-SOIL-03-QT3-2024

Tgt Ion: 83	Resp: 16972
Ion Ratio	Lower Upper
83 100	
55 69.3	51.5 77.3
98 50.5	40.5 60.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#40

Benzene

Concen: 2.580 ug/l

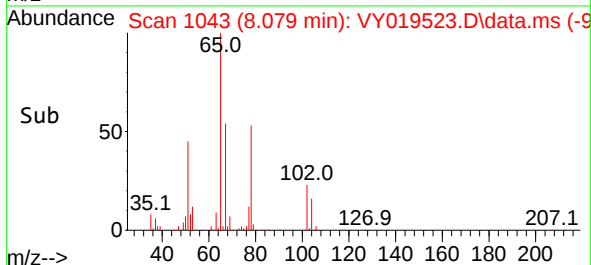
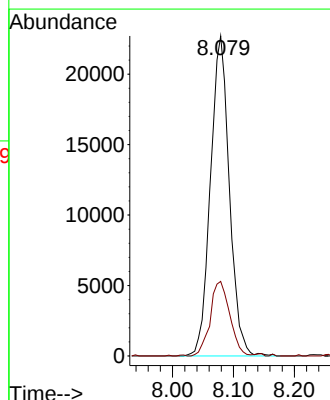
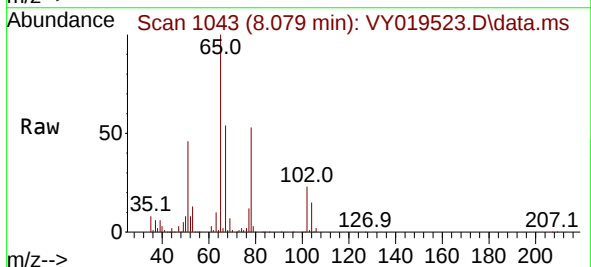
RT: 8.079 min Scan# 1043

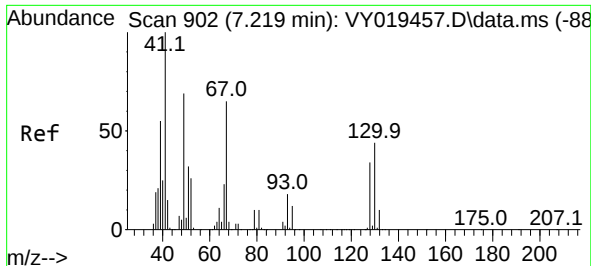
Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

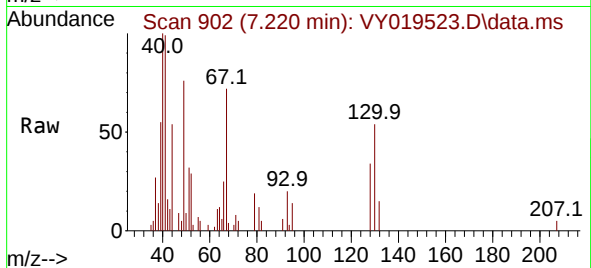
Tgt Ion: 78	Resp: 48979
Ion Ratio	Lower Upper
78 100	
77 23.3	19.5 29.3





#41
Methacrylonitrile
Concen: 2.323 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

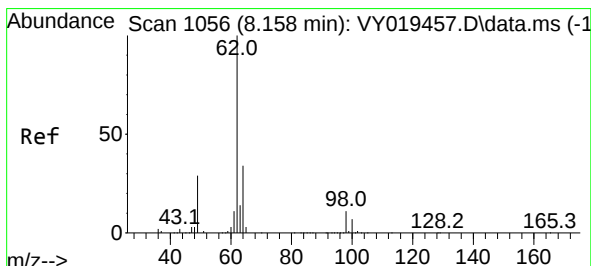
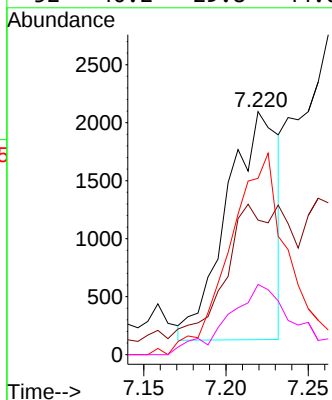
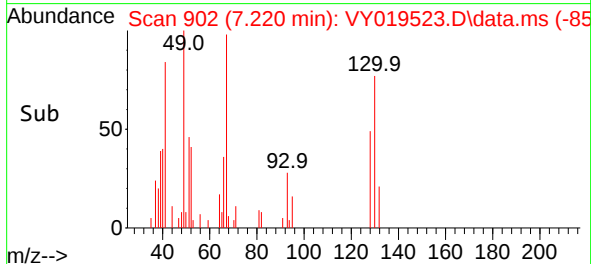
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:	41	Resp:	4270
Ion	Ratio	Lower	Upper
41	100		
39	84.7	48.0	72.0
67	107.3	75.1	112.7
52	40.2	29.8	44.6

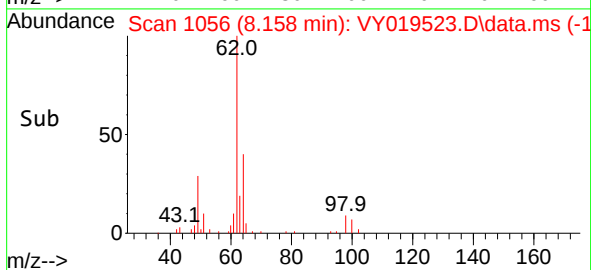
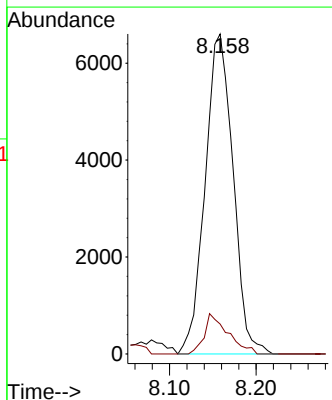
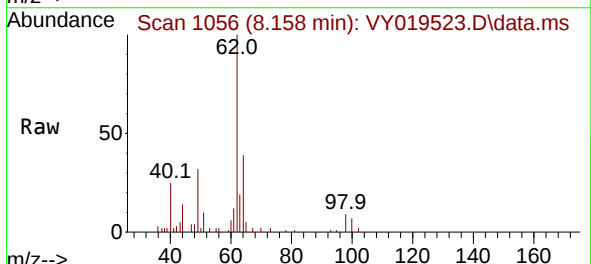
Manual Integrations
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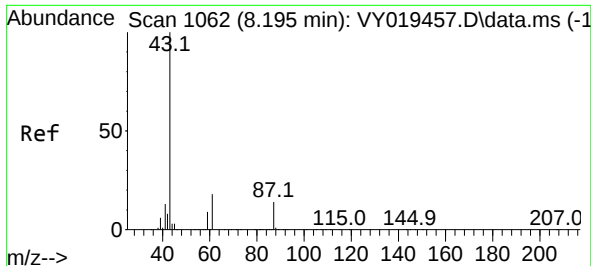
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#42
1,2-Dichloroethane
Concen: 2.900 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

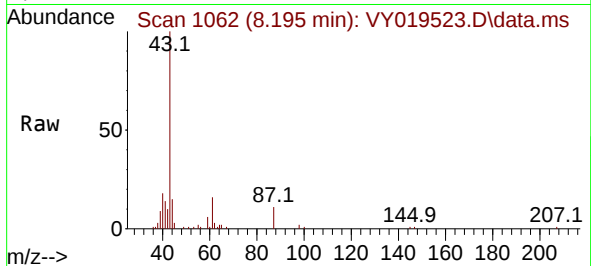
Tgt Ion:	62	Resp:	14816
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.0





#43
Isopropyl Acetate
Concen: 2.696 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

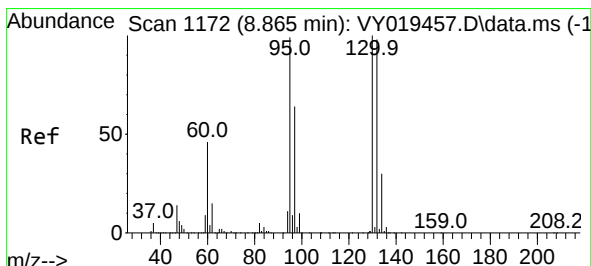
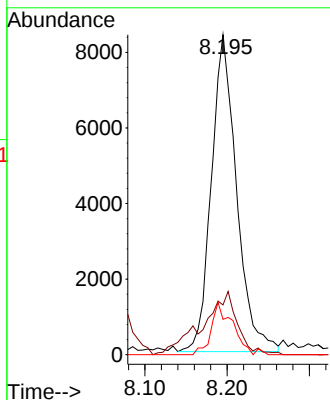
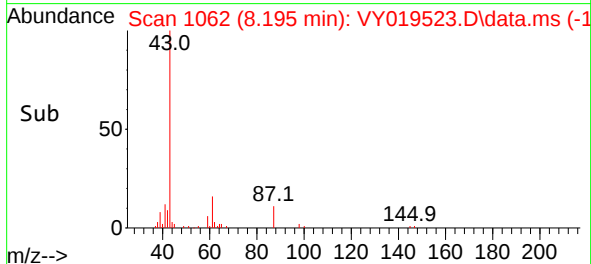
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 1788
Ion Ratio Lower Upper
43 100
61 27.8 27.9 41.9
87 13.7 13.1 19.7

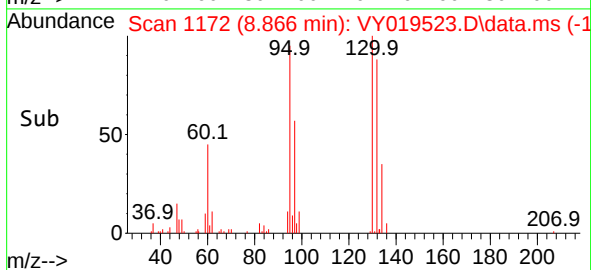
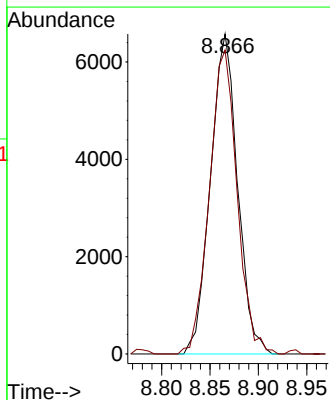
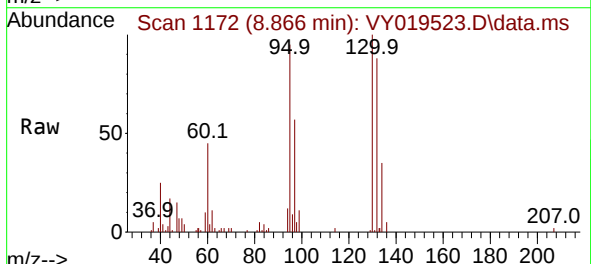
Manual Integrations
APPROVED

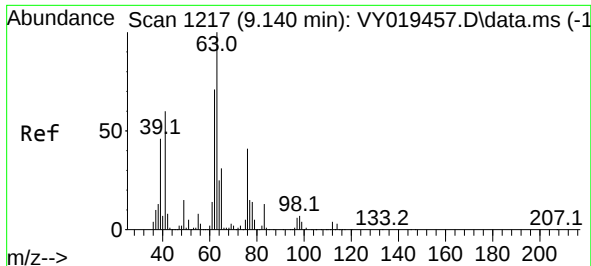
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#44
Trichloroethene
Concen: 2.625 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion:130 Resp: 12815
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 2.824 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 63 Resp: 13110

Ion Ratio Lower Upper

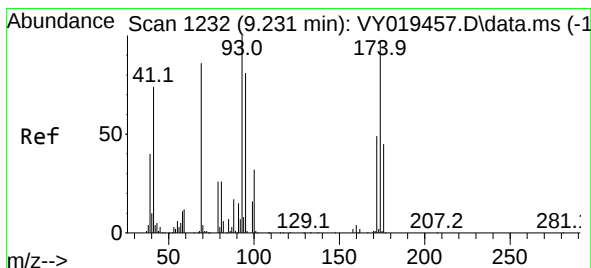
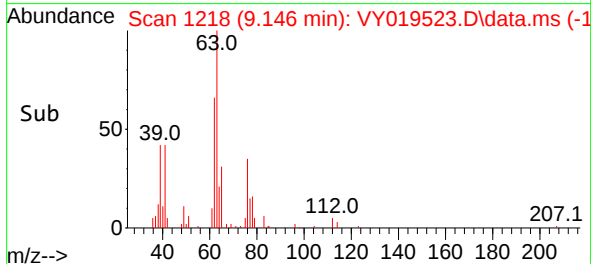
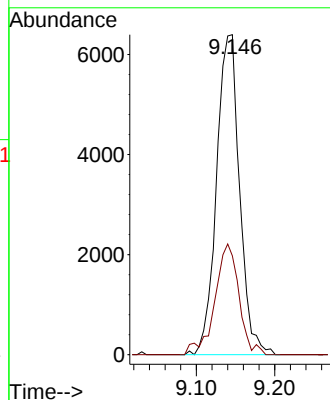
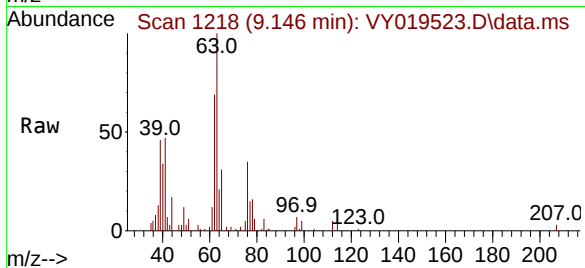
63 100

65 30.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#46

Dibromomethane

Concen: 2.718 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

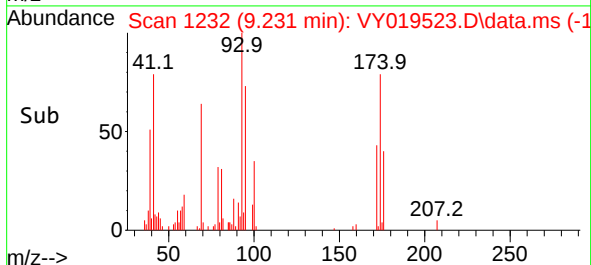
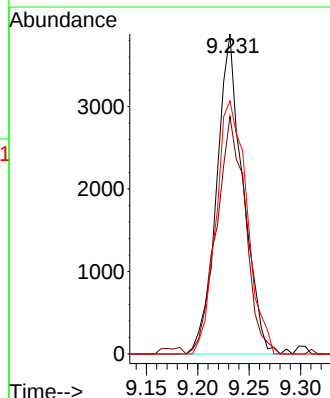
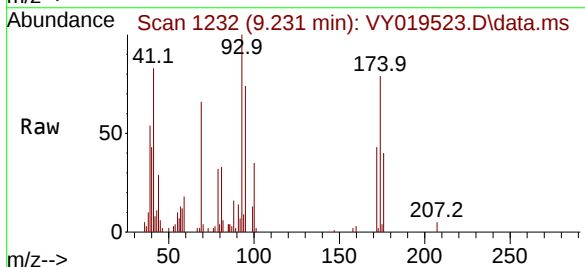
Tgt Ion: 93 Resp: 6898

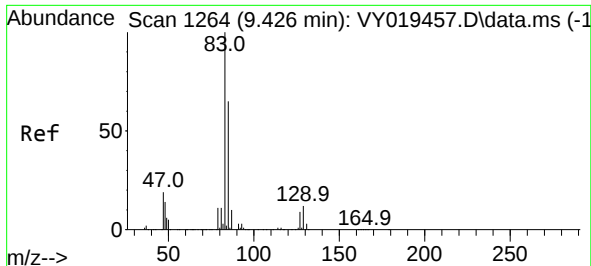
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.4

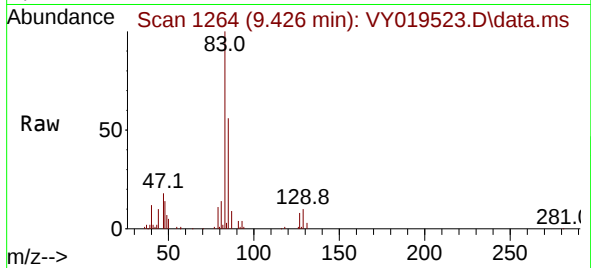
174 92.8 80.9 121.3





#47
Bromodichloromethane
Concen: 2.930 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

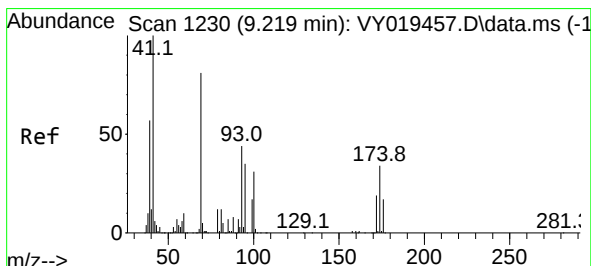
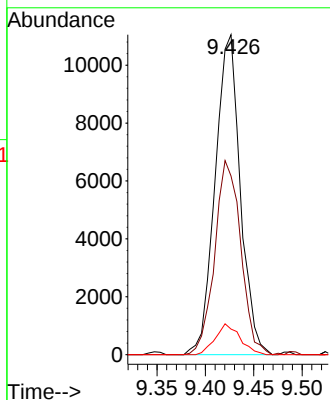
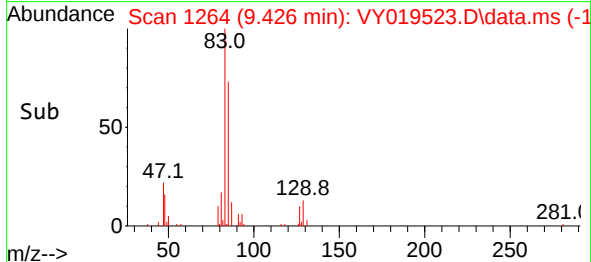
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



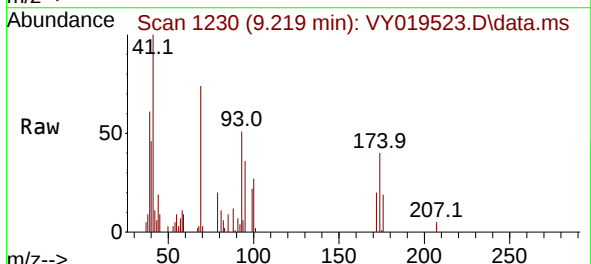
Tgt Ion: 83 Resp: 1999
Ion Ratio Lower Upper
83 100
85 55.8 50.1 75.1
127 8.0 7.4 11.0

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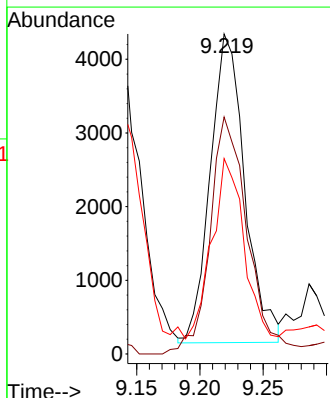
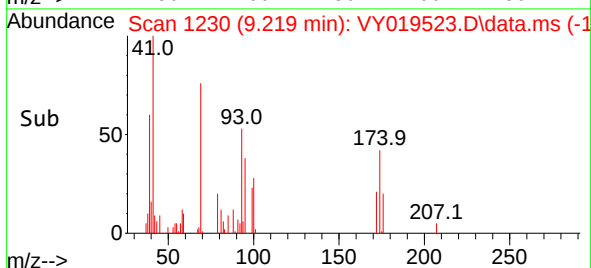
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

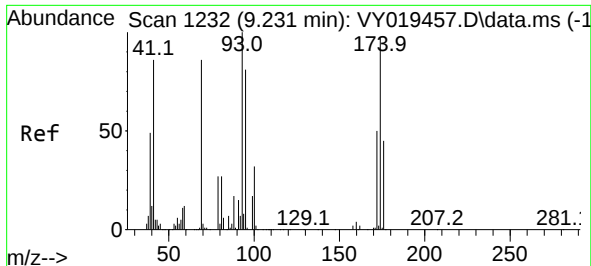


#48
Methyl methacrylate
Concen: 2.535 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42



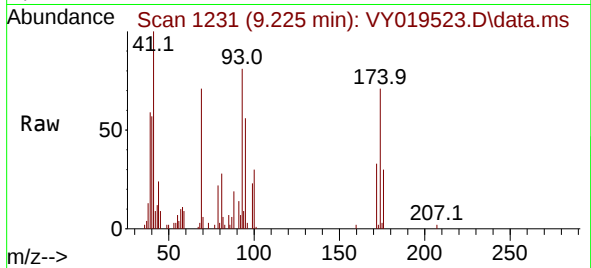
Tgt Ion: 41 Resp: 7944
Ion Ratio Lower Upper
41 100
69 83.5 84.1 126.1#
39 59.5 43.6 65.4





#49
1,4-Dioxane
Concen: 61.410 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

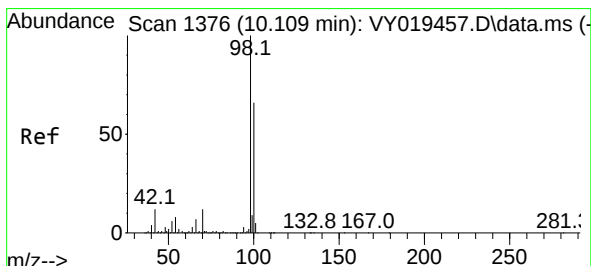
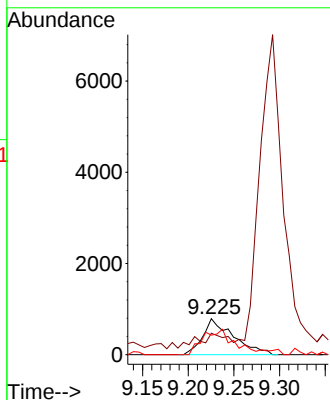
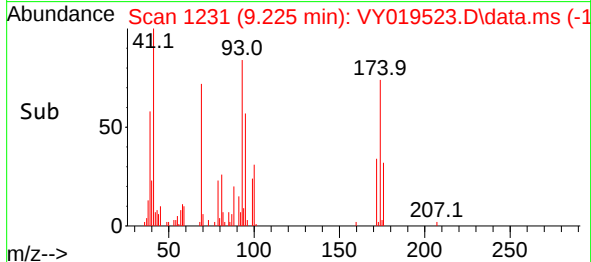
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 88 Resp: 1835
Ion Ratio Lower Upper
88 100
43 44.4 0.0 0.0
58 74.2 49.3 73.9

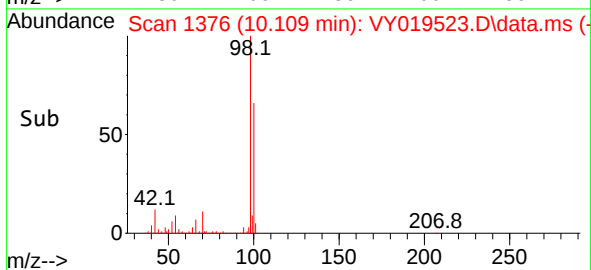
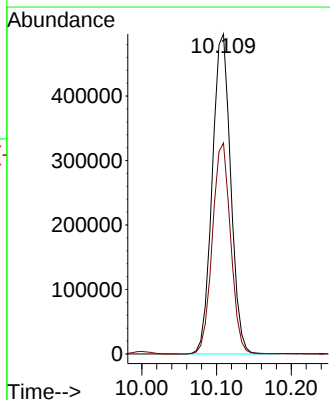
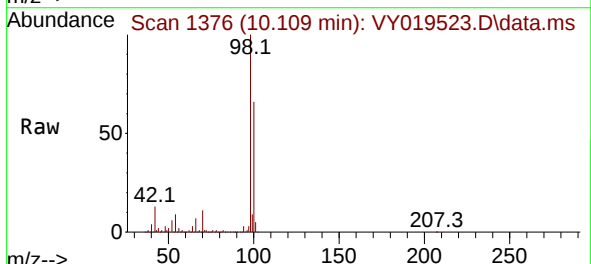
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#50
Toluene-d8
Concen: 50.805 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 98 Resp: 851286
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





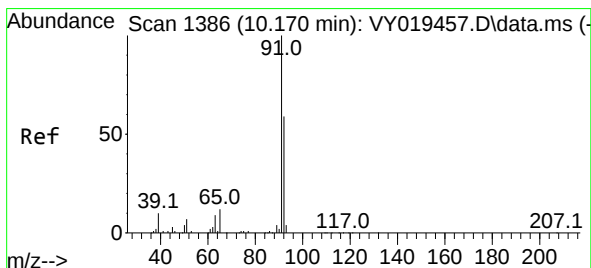
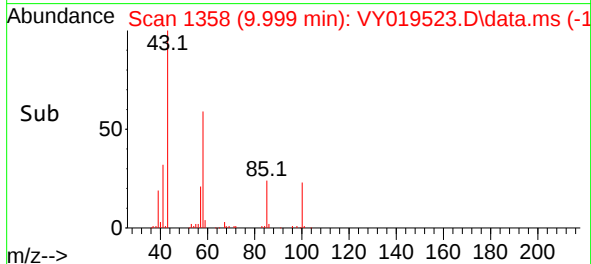
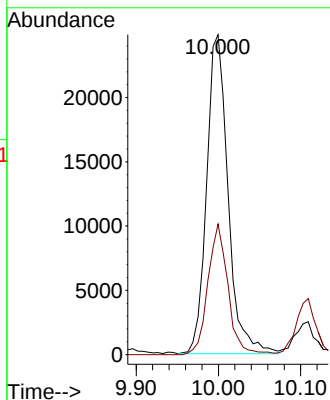
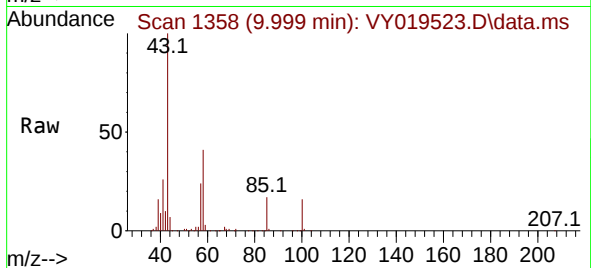
#51
4-Methyl-2-Pentanone
Concen: 13.465 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 43 Resp: 44949
Ion Ratio Lower Upper
43 100
58 38.3 35.7 53.5

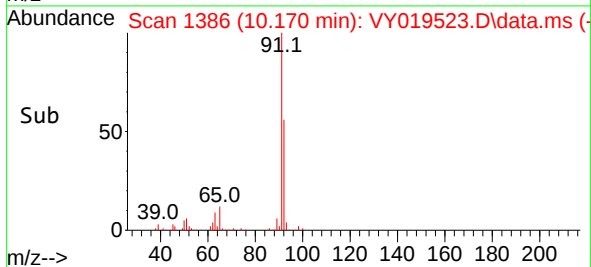
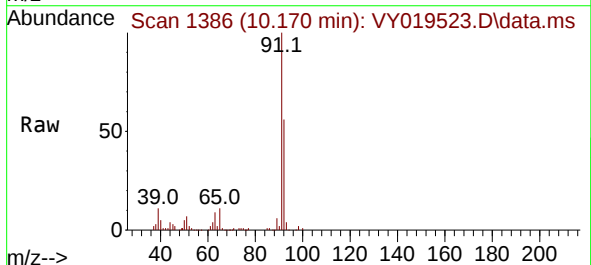
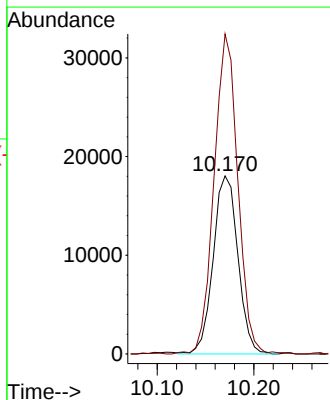
Manual Integrations
APPROVED

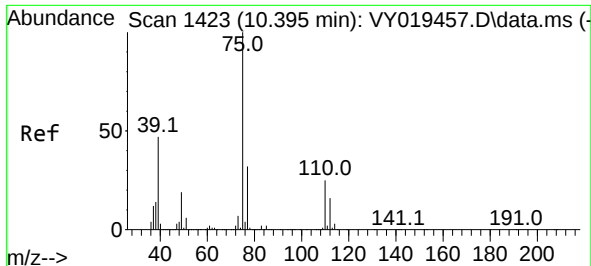
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#52
Toluene
Concen: 2.619 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 92 Resp: 31979
Ion Ratio Lower Upper
92 100
91 172.8 139.0 208.6





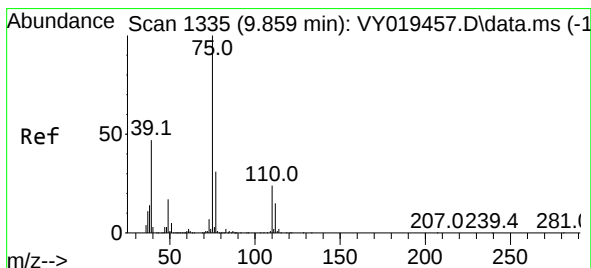
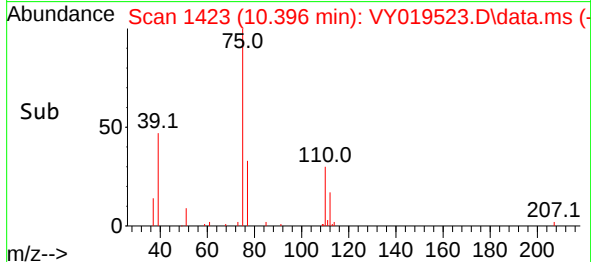
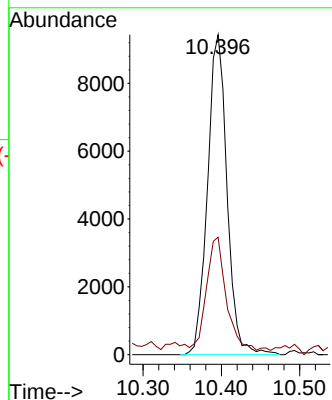
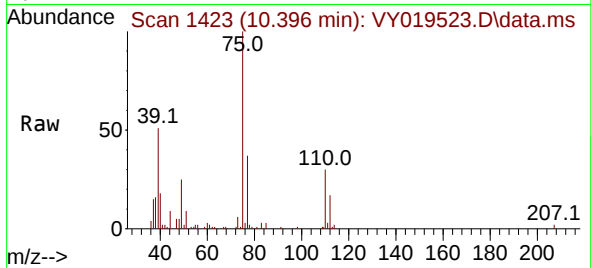
#53
t-1,3-Dichloropropene
Concen: 2.508 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion: 75 Resp: 1631
Ion Ratio Lower Upper
75 100
77 34.6 24.1 36.1

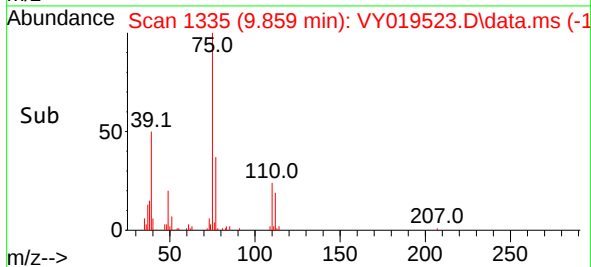
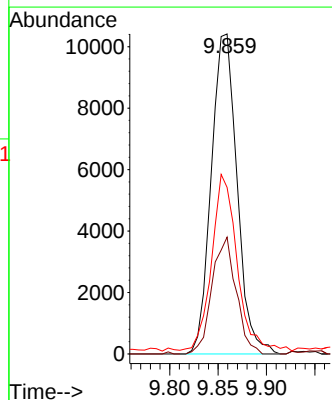
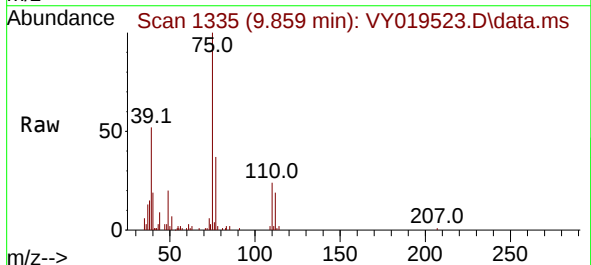
Manual Integrations
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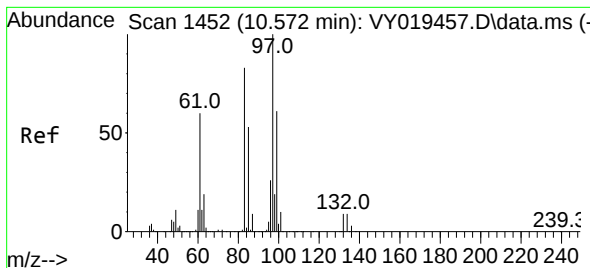
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#54
cis-1,3-Dichloropropene
Concen: 2.555 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

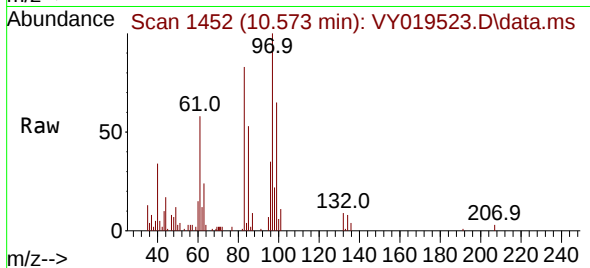
Tgt Ion: 75 Resp: 19352
Ion Ratio Lower Upper
75 100
77 36.5 25.4 38.0
39 50.9 29.8 44.6#





#55
1,1,2-Trichloroethane
Concen: 2.903 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

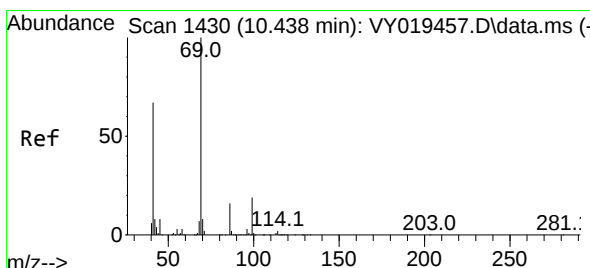
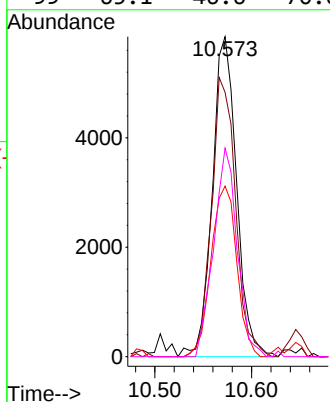
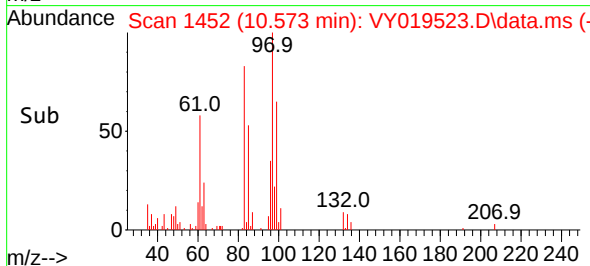


Tgt Ion: 97 Resp: 10170

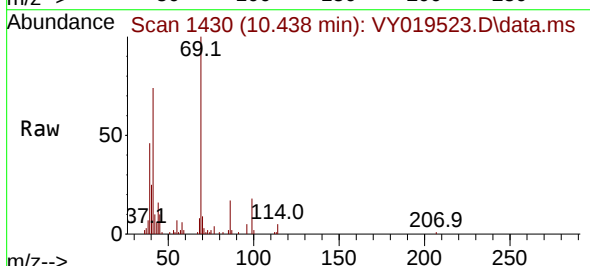
Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.5	101.3
85	53.3	42.9	64.3
99	65.1	46.6	70.0

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

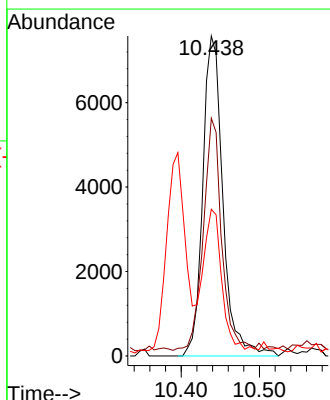
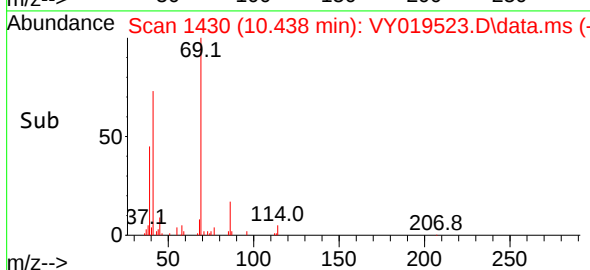


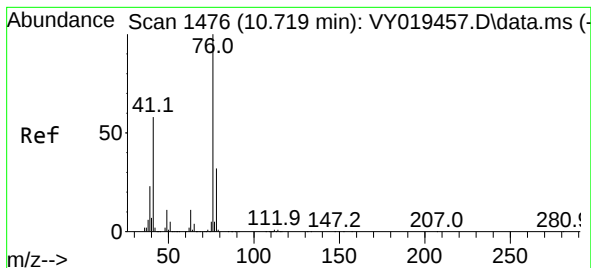
#56
Ethyl methacrylate
Concen: 2.534 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42



Tgt Ion: 69 Resp: 13495

Ion	Ratio	Lower	Upper
69	100		
41	66.2	42.3	63.5#
39	43.7	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 2.849 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019523.D

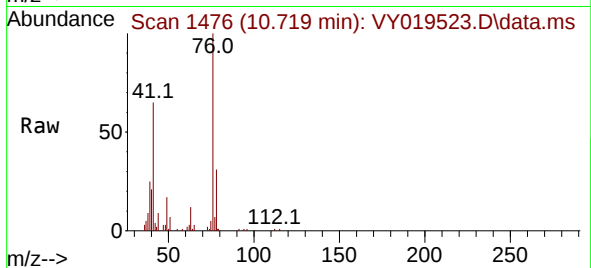
Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion: 76 Resp: 1716

Ion Ratio Lower Upper

76 100

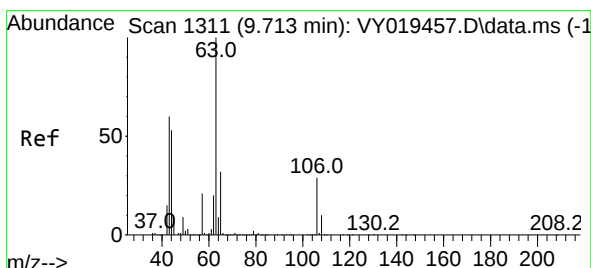
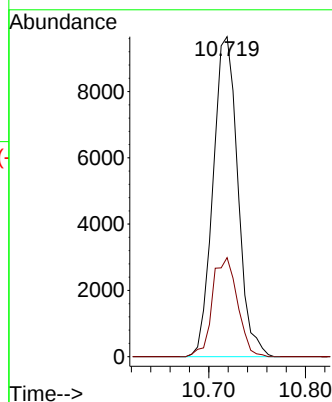
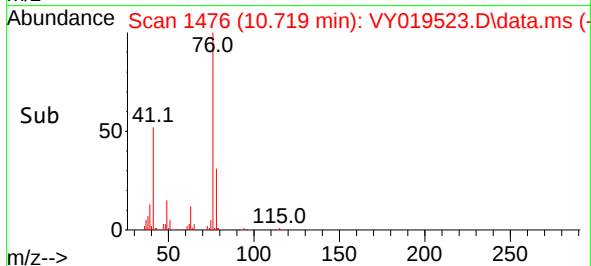
78 31.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024

Supervised By :Semsettin Yesilyurt 09/13/2024



#58

2-Chloroethyl Vinyl ether

Concen: 11.770 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019523.D

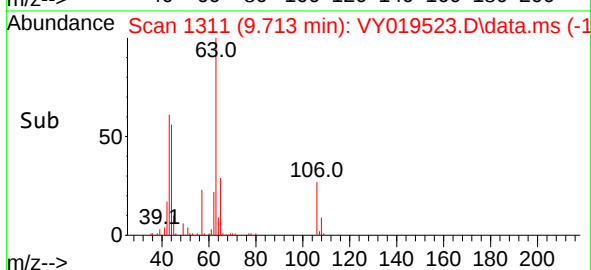
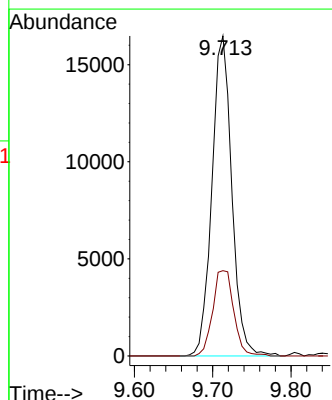
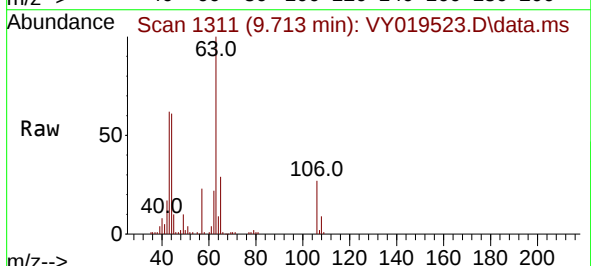
Acq: 12 Sep 2024 12:42

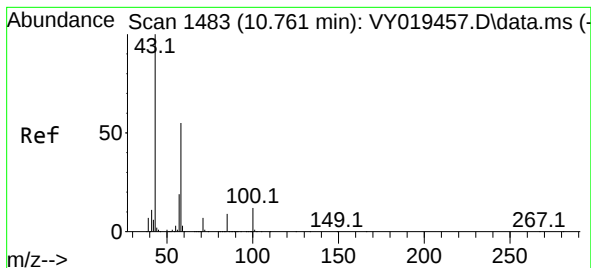
Tgt Ion: 63 Resp: 29089

Ion Ratio Lower Upper

63 100

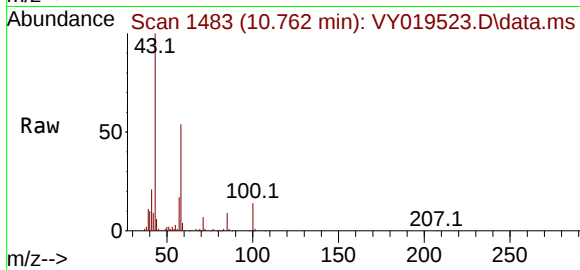
106 28.2 23.7 35.5





#59
2-Hexanone
Concen: 12.168 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

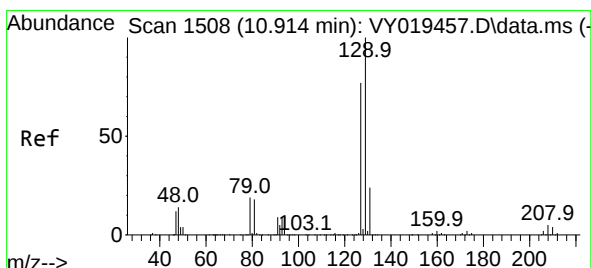
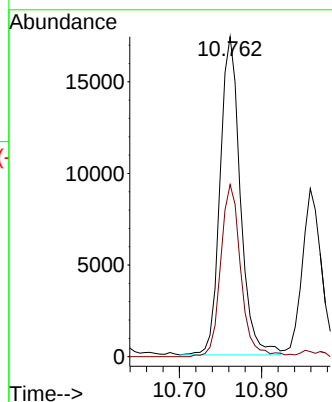
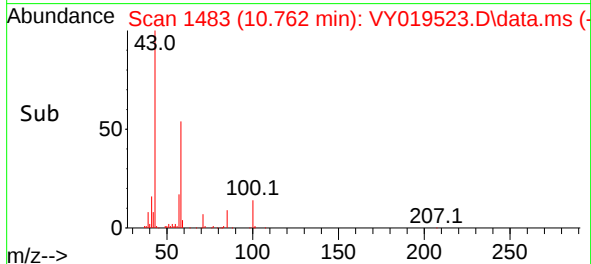
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 29779
Ion Ratio Lower Upper
43 100
58 53.9 31.4 94.0

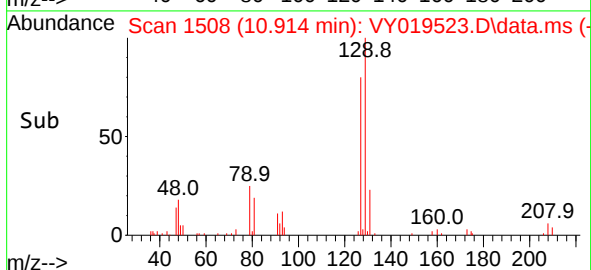
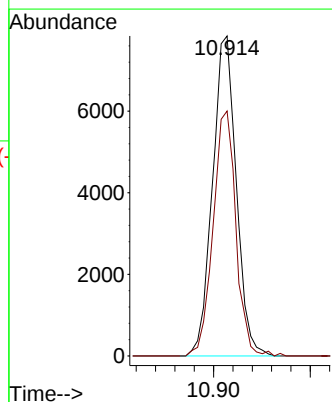
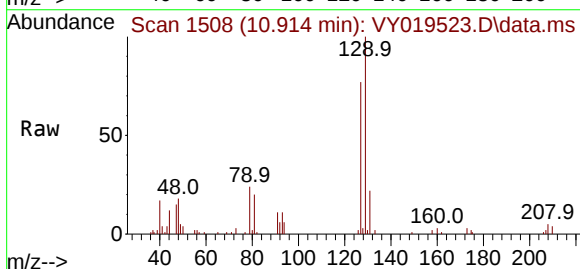
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#60
Dibromochloromethane
Concen: 2.886 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

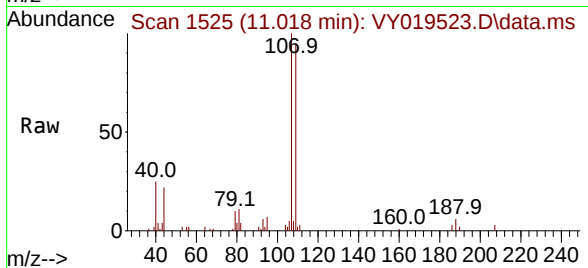
Tgt Ion:129 Resp: 13383
Ion Ratio Lower Upper
129 100
127 73.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 2.769 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

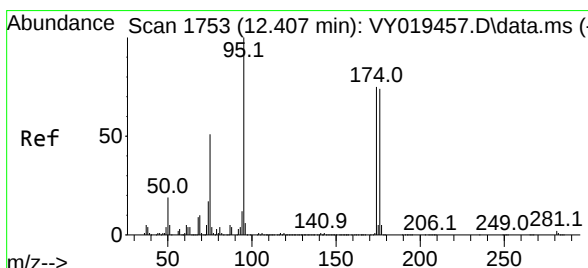
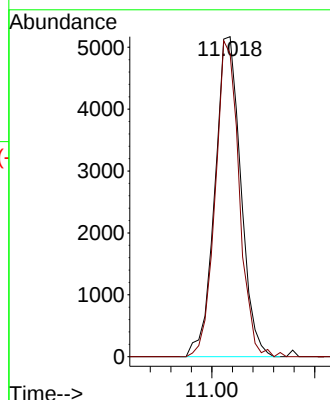
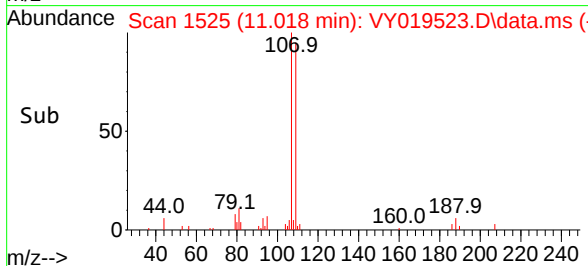
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



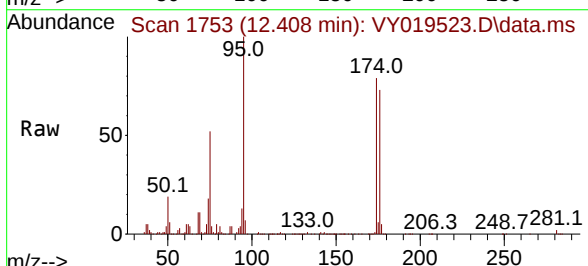
Tgt Ion:107 Resp: 904
Ion Ratio Lower Upper
107 100
109 90.6 75.9 113.9

Manual Integrations
APPROVED

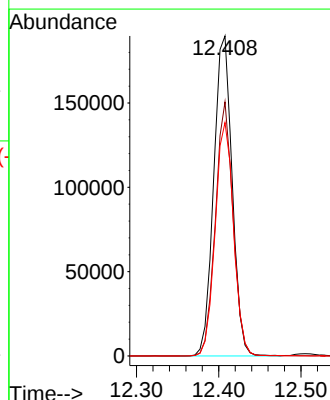
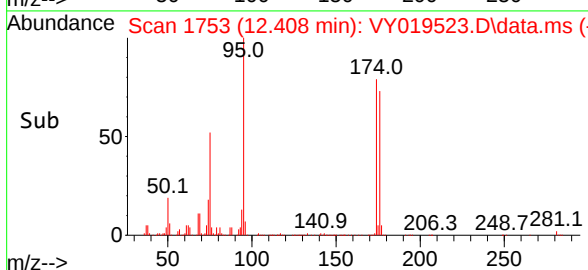
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

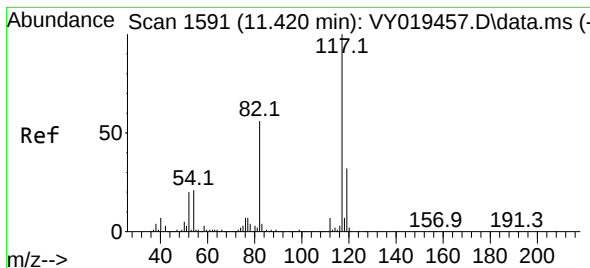


#62
4-Bromofluorobenzene
Concen: 45.900 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42



Tgt Ion: 95 Resp: 295724
Ion Ratio Lower Upper
95 100
174 76.1 0.0 175.6
176 72.7 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: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

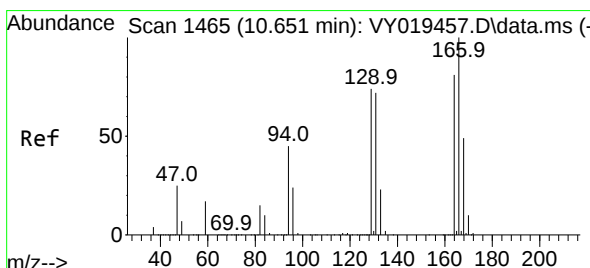
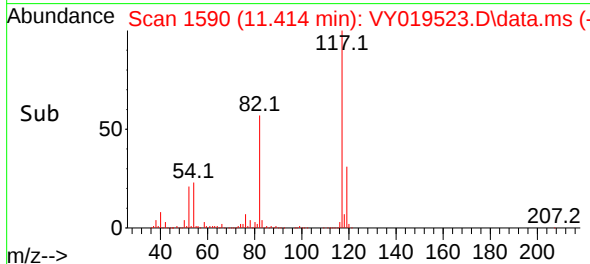
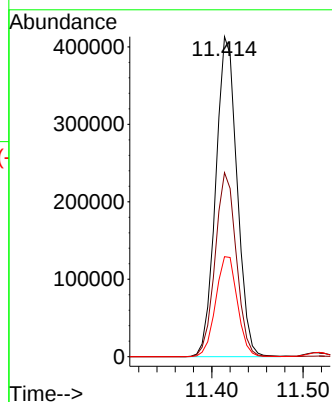
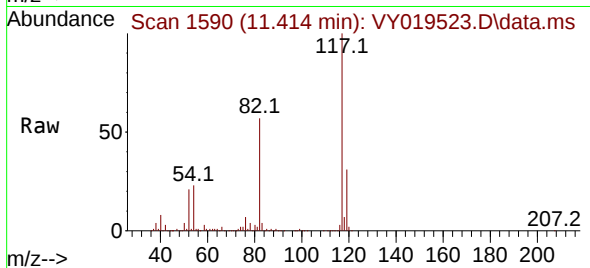
MDL-SOIL-03-QT3-2024

Tgt Ion:	117	Resp:	66944
Ion	Ratio	Lower	Upper
117	100		
82	57.5	42.4	63.6
119	31.3	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#64

Tetrachloroethene

Concen: 2.799 ug/l

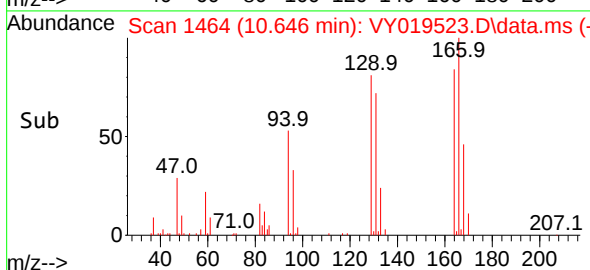
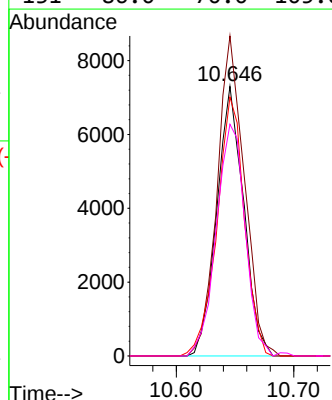
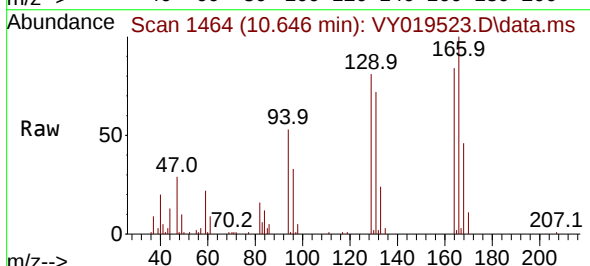
RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

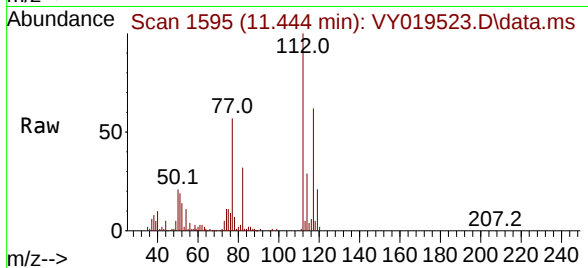
Tgt Ion:	164	Resp:	11602
Ion	Ratio	Lower	Upper
164	100		
166	118.7	102.6	154.0
129	96.0	72.0	108.0
131	86.0	70.0	105.0





#65
Chlorobenzene
Concen: 2.845 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

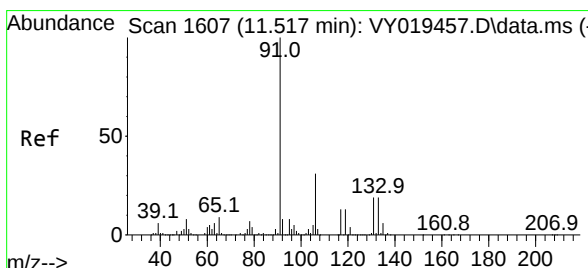
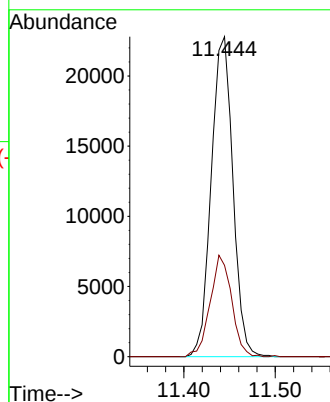
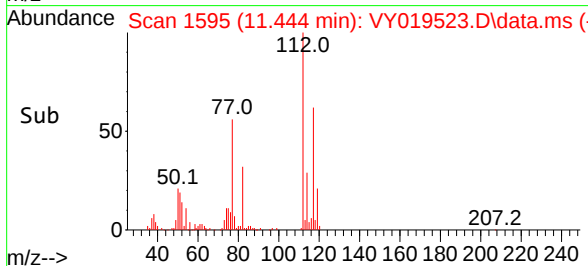
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



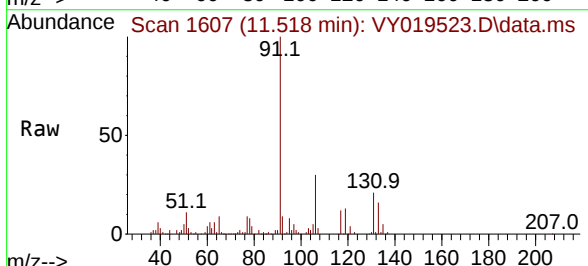
Tgt Ion:112 Resp: 37464
Ion Ratio Lower Upper
112 100
114 28.5 26.4 39.6

Manual Integrations
APPROVED

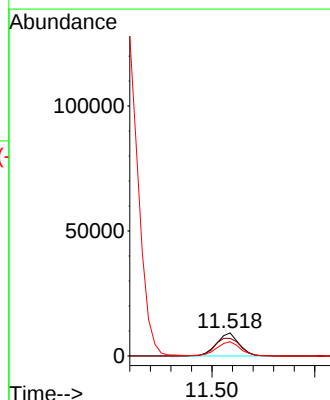
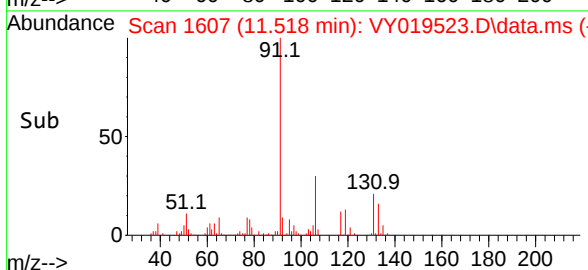
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

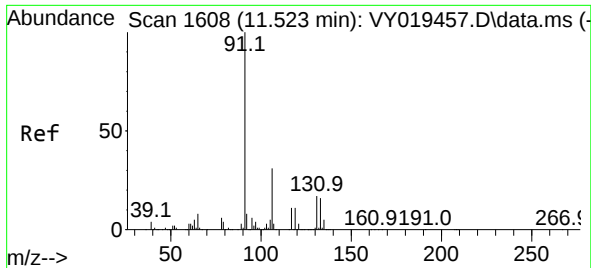


#66
1,1,1,2-Tetrachloroethane
Concen: 3.038 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42



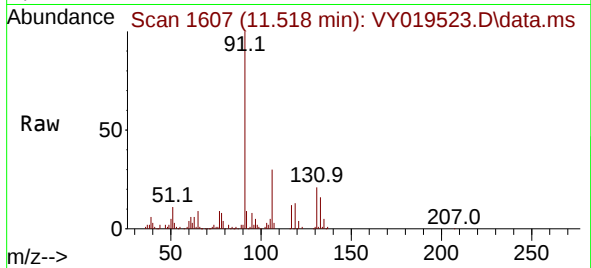
Tgt Ion:131 Resp: 13849
Ion Ratio Lower Upper
131 100
133 90.1 47.8 143.3
119 65.3 34.1 102.2





#67
Ethyl Benzene
Concen: 2.807 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

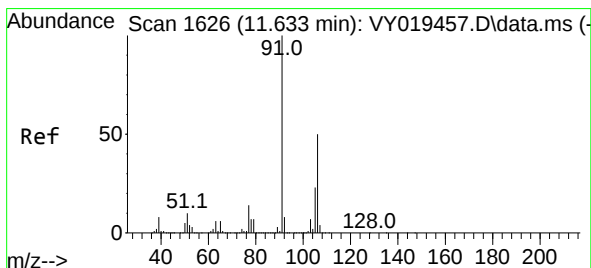
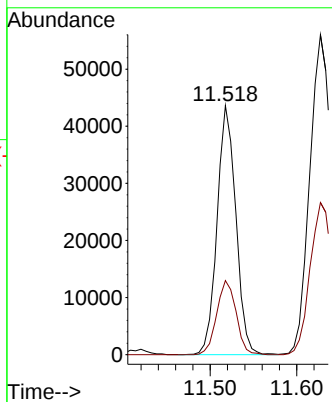
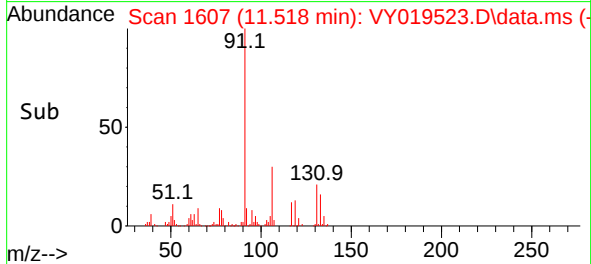
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 91 Resp: 65680
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7

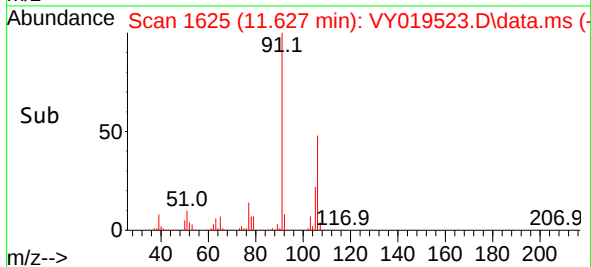
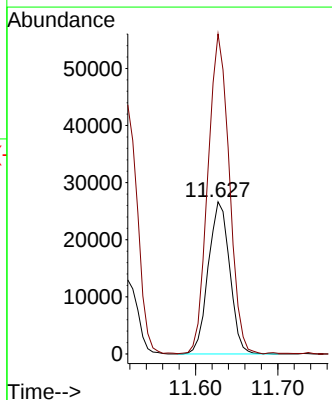
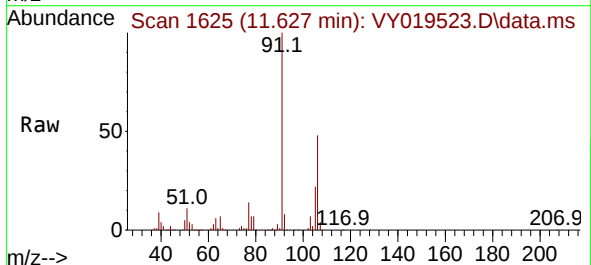
Manual Integrations
APPROVED

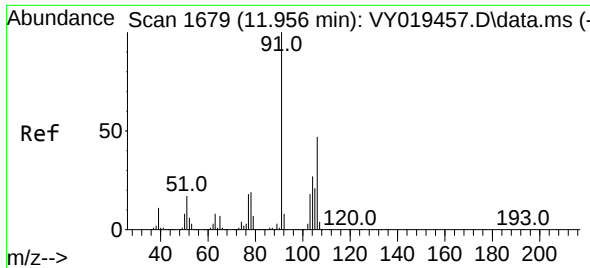
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#68
m/p-Xylenes
Concen: 5.442 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion:106 Resp: 48145
Ion Ratio Lower Upper
106 100
91 210.5 156.0 234.0





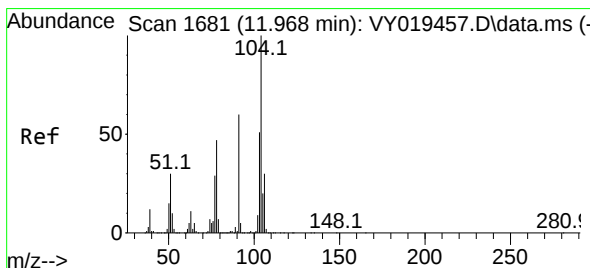
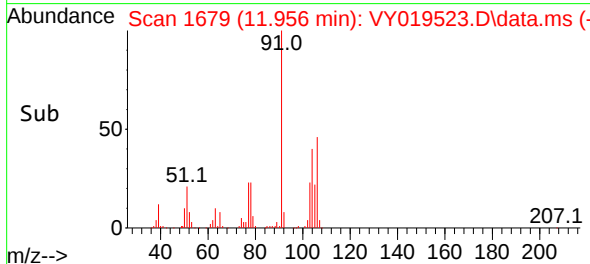
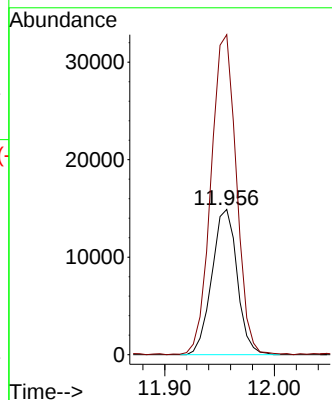
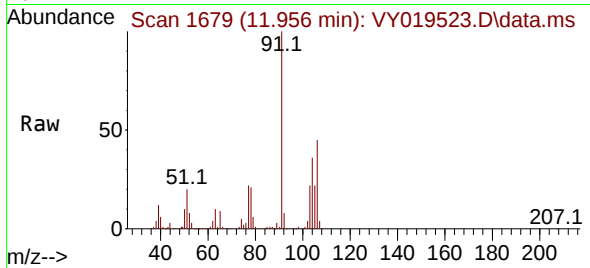
#69
o-Xylene
Concen: 2.760 ug/l
RT: 11.956 min Scan# 106
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:106 Resp: 23878
Ion Ratio Lower Upper
106 100
91 221.4 103.6 310.8

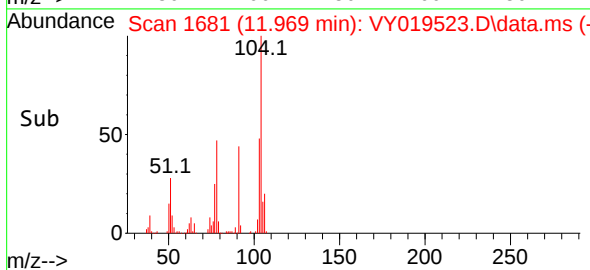
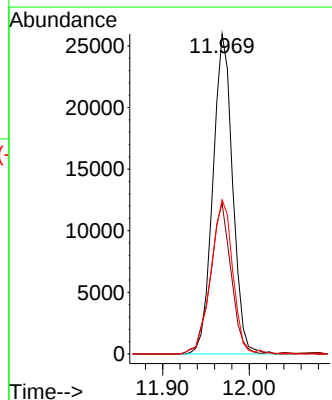
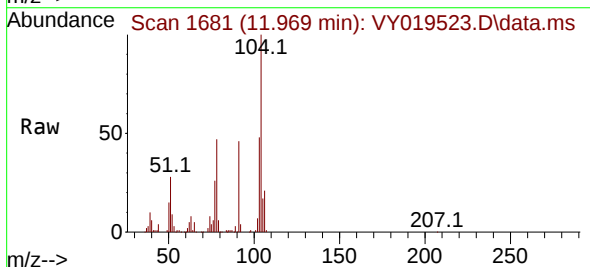
Manual Integrations
APPROVED

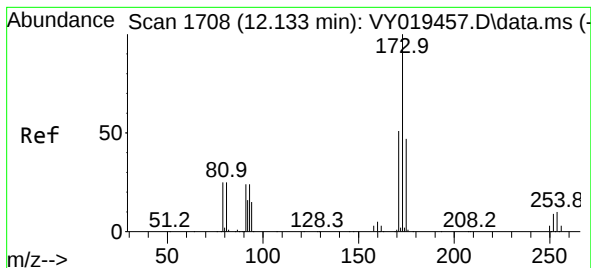
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#70
Styrene
Concen: 2.818 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion:104 Resp: 41163
Ion Ratio Lower Upper
104 100
78 49.4 37.0 55.4
103 53.5 44.2 66.2





#71

Bromoform

Concen: 2.780 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

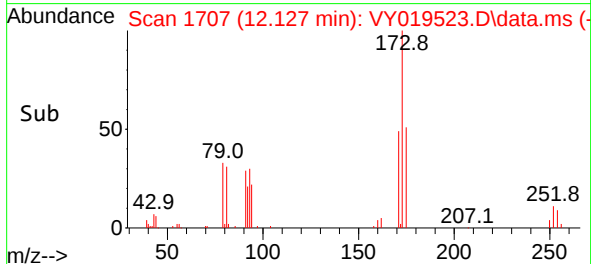
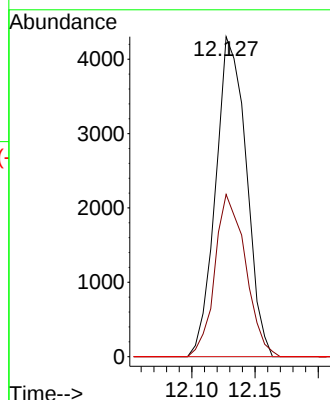
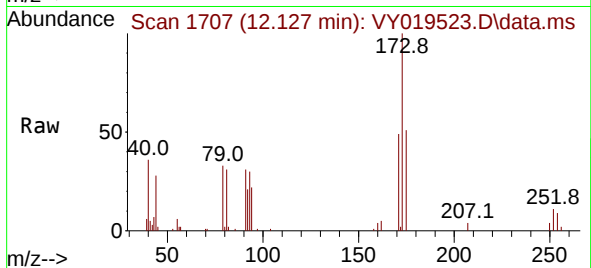
MDL-SOIL-03-QT3-2024

Tgt Ion:173	Resp:	7240
Ion Ratio	Lower	Upper
173	100	
175	50.9	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

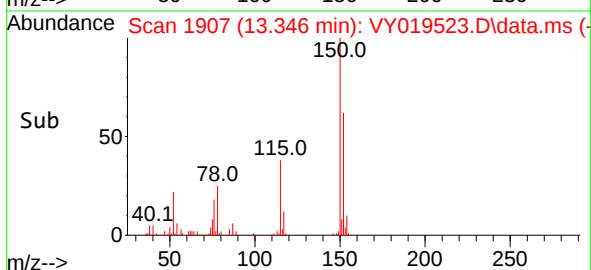
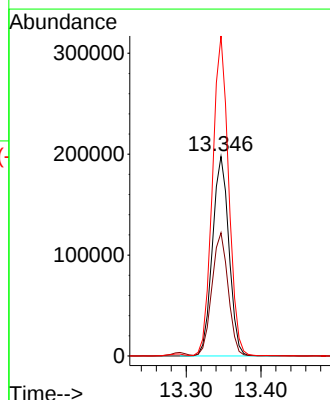
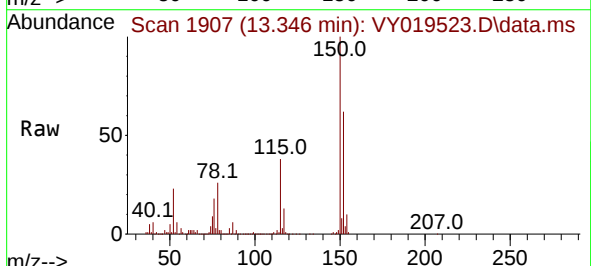
RT: 13.346 min Scan# 1907

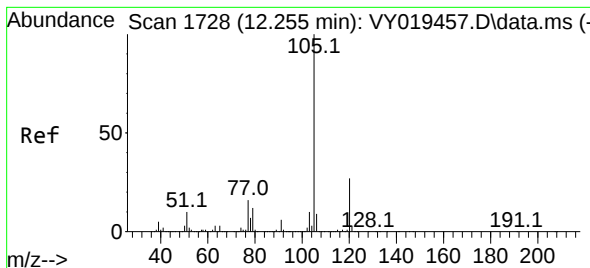
Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Tgt Ion:152	Resp:	302481
Ion Ratio	Lower	Upper
152	100	
115	60.9	28.2 84.7
150	157.2	0.0 345.6





#73

Isopropylbenzene

Concen: 2.946 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:105 Resp: 6464

Ion Ratio Lower Upper

105 100

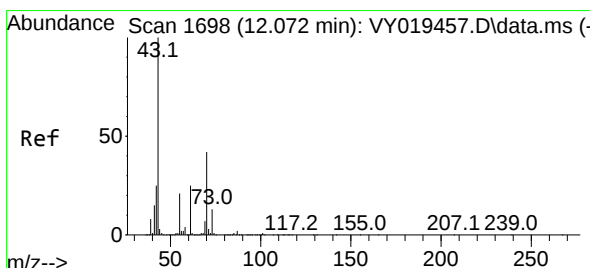
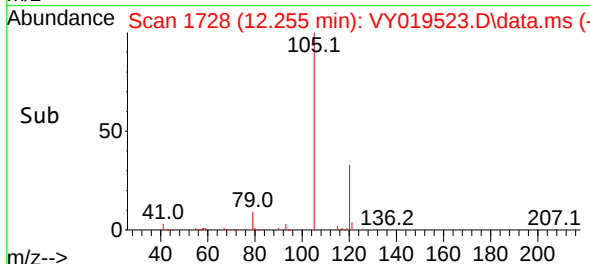
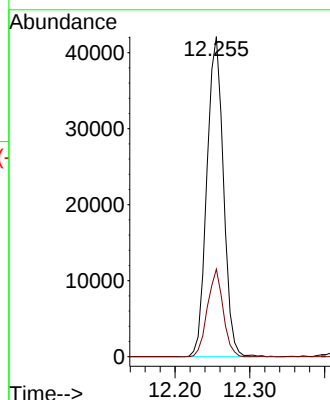
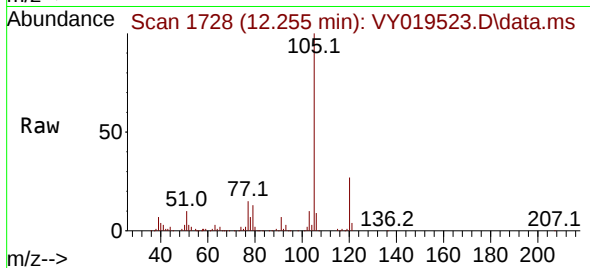
120 25.9 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024

Supervised By :Semsettin Yesilyurt 09/13/2024



#74

N-ethyl acetate

Concen: 2.717 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Tgt Ion: 43 Resp: 16214

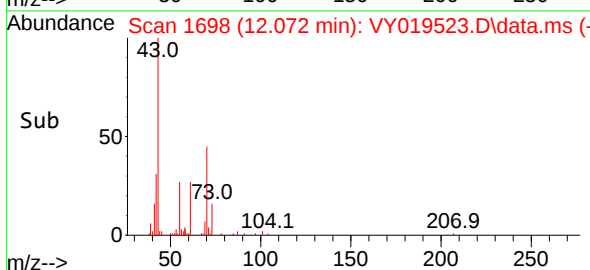
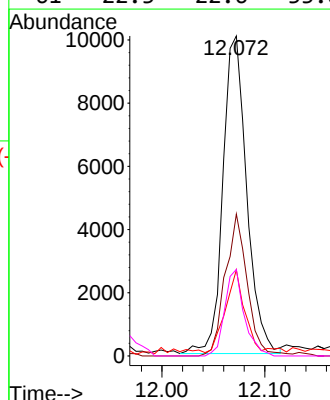
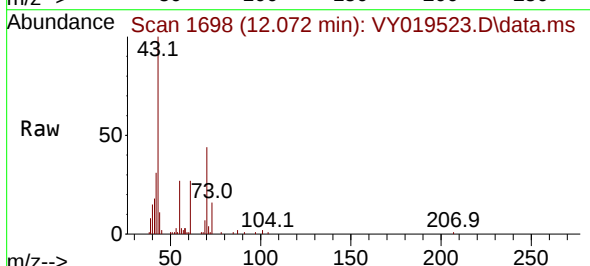
Ion Ratio Lower Upper

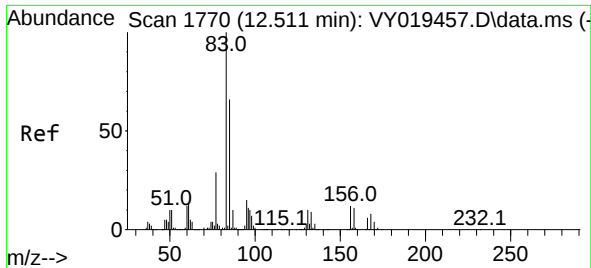
43 100

70 41.3 41.4 62.2#

55 21.3 23.3 34.9#

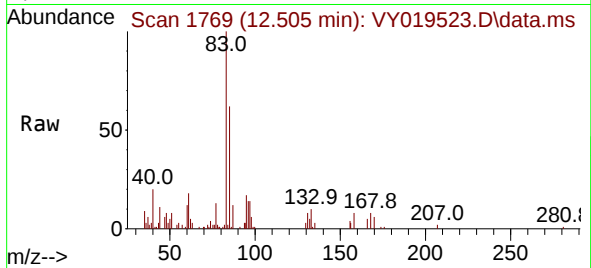
61 22.3 22.6 33.8#





#75
1,1,2,2-Tetrachloroethane
Concen: 3.019 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

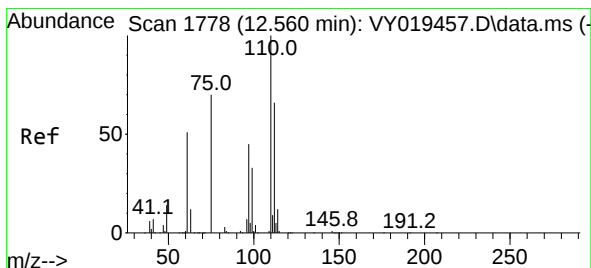
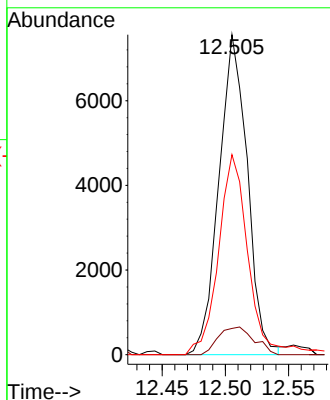
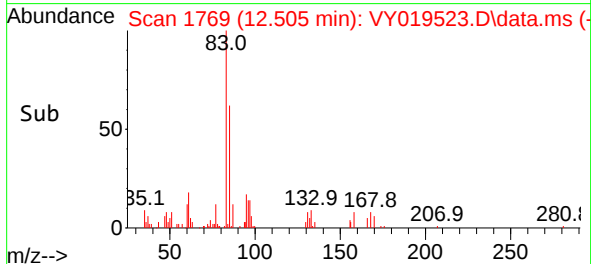
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 83 Resp: 11759
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 66.0 32.0 96.0

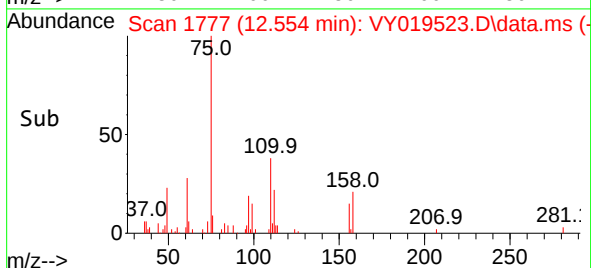
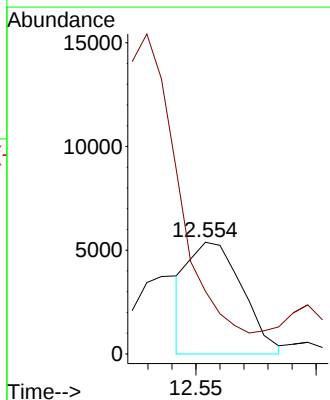
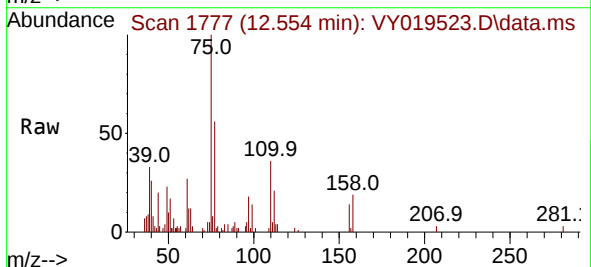
Manual Integrations
APPROVED

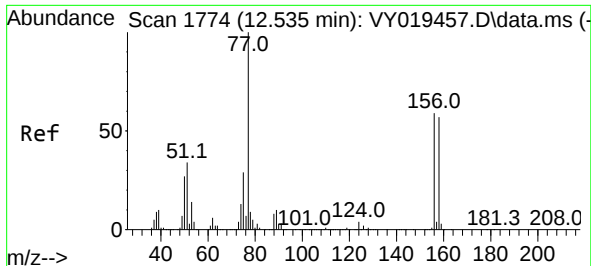
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#76
1,2,3-Trichloropropane
Concen: 2.961 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

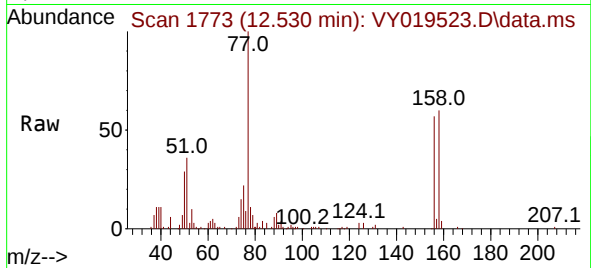
Tgt Ion: 75 Resp: 8396
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 2.821 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

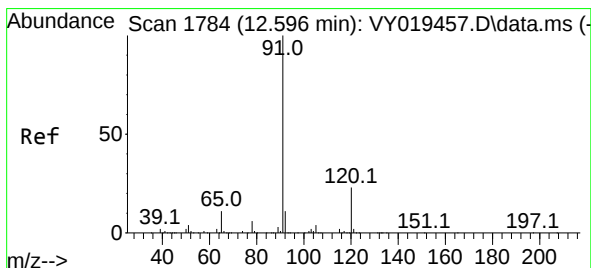
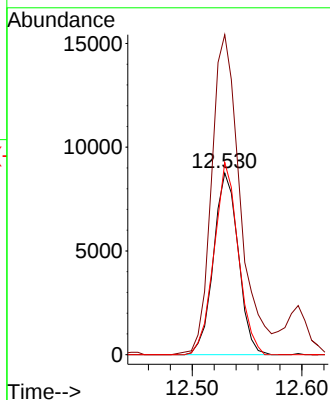
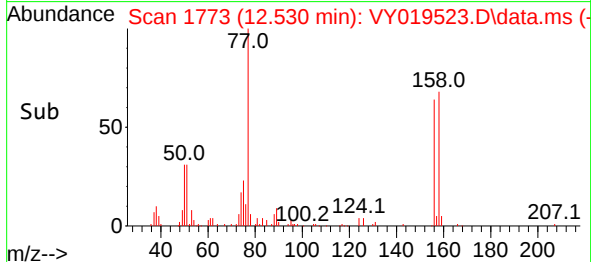
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 156 Resp: 13730
Ion Ratio Lower Upper
156 100
77 202.9 87.1 261.3
158 103.6 48.6 145.9

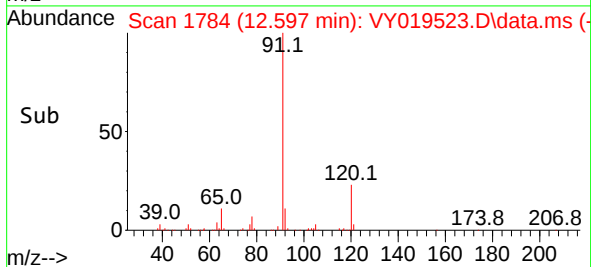
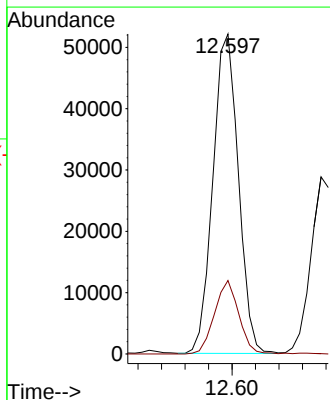
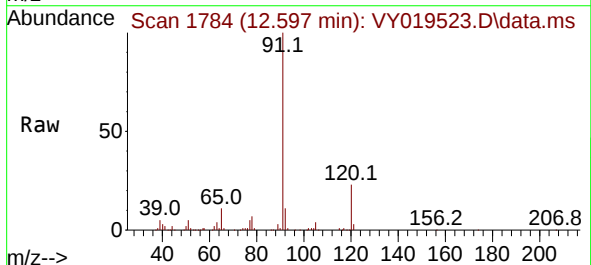
Manual Integrations
APPROVED

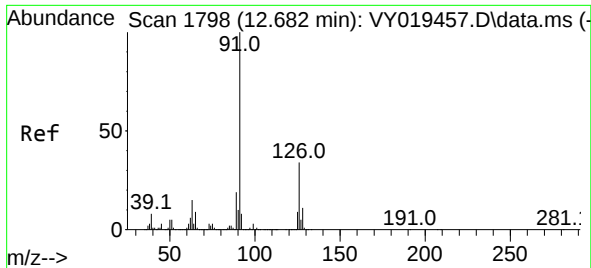
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#78
n-propylbenzene
Concen: 3.015 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 91 Resp: 78422
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





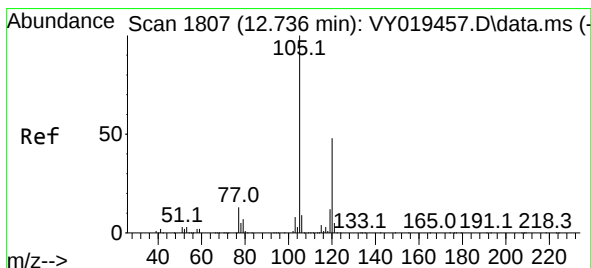
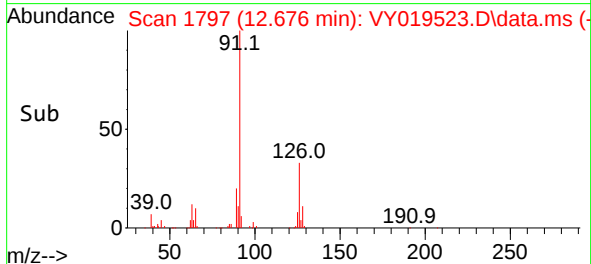
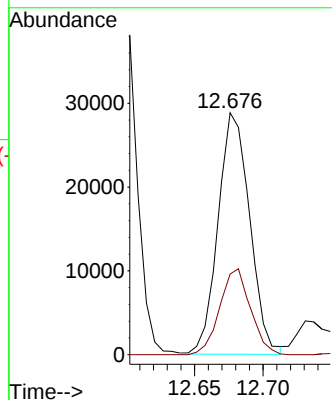
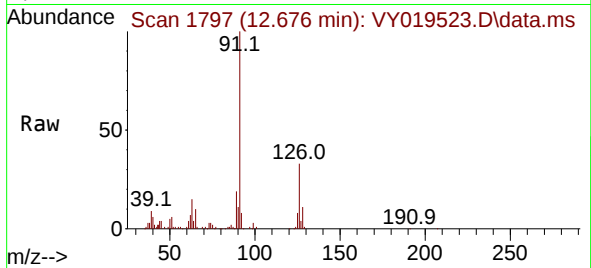
#79
2-Chlorotoluene
Concen: 3.055 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 91 Resp: 46308
Ion Ratio Lower Upper
91 100
126 34.5 17.8 53.5

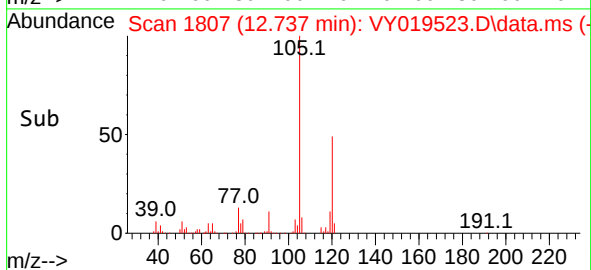
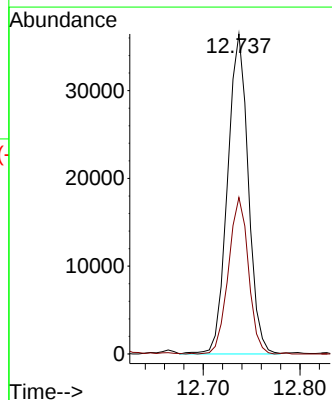
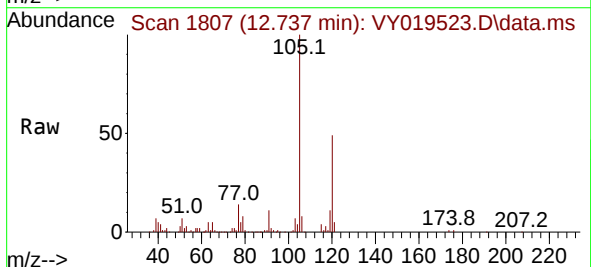
Manual Integrations
APPROVED

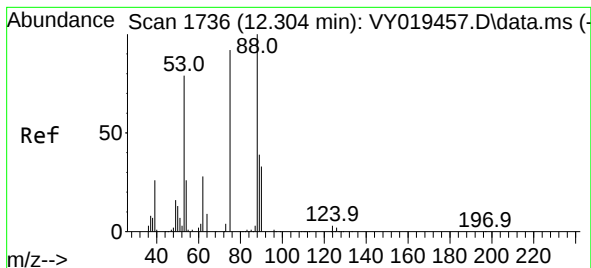
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 3.037 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion:105 Resp: 54175
Ion Ratio Lower Upper
105 100
120 47.3 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 2.931 ug/l m

RT: 12.304 min Scan# 1736

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

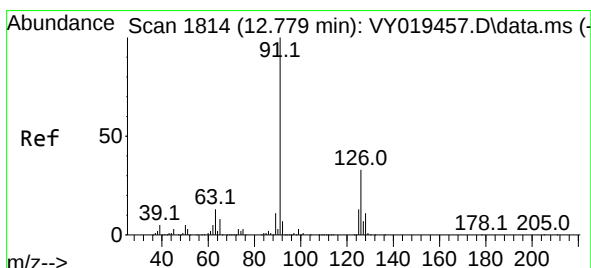
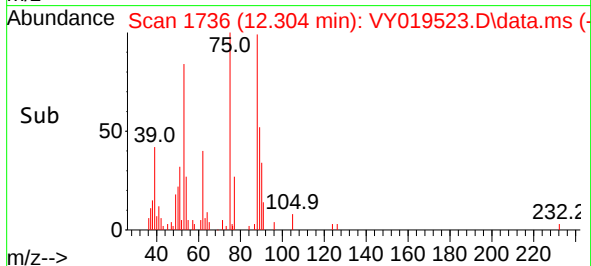
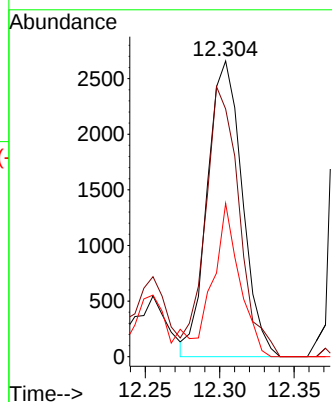
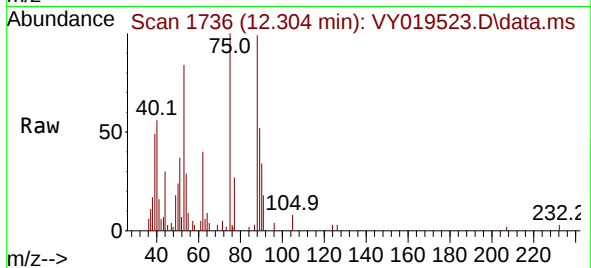
MDL-SOIL-03-QT3-2024

Tgt Ion:	75	Resp:	4329
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2
89	1.5	35.8	53.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#82

4-Chlorotoluene

Concen: 3.039 ug/l

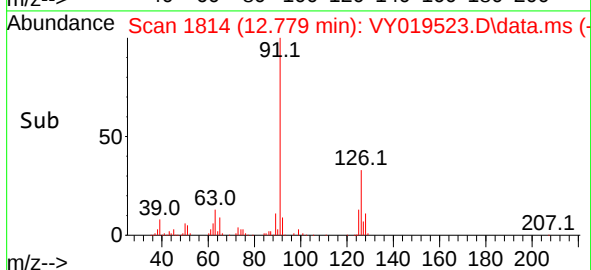
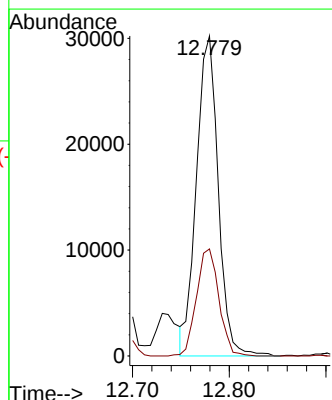
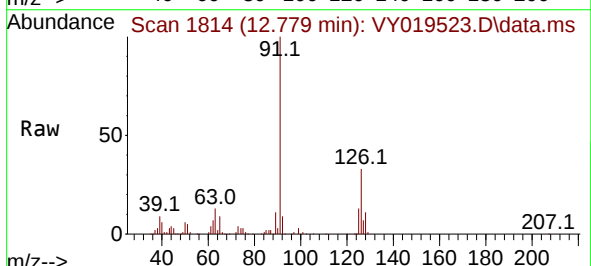
RT: 12.779 min Scan# 1814

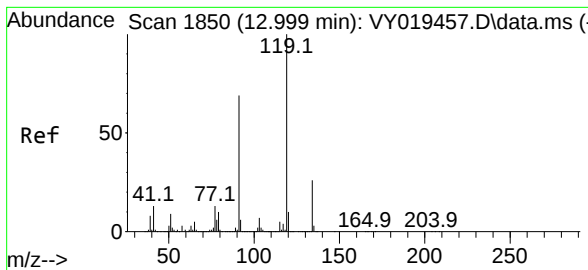
Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

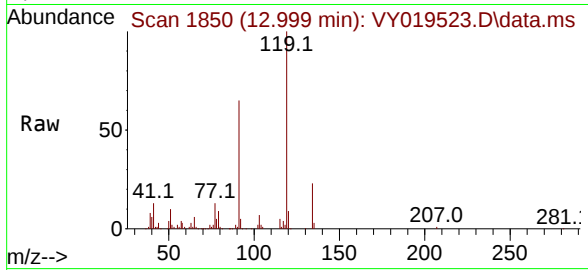
Tgt Ion:	91	Resp:	47363
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.6	52.9





#83
tert-Butylbenzene
Concen: 3.065 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

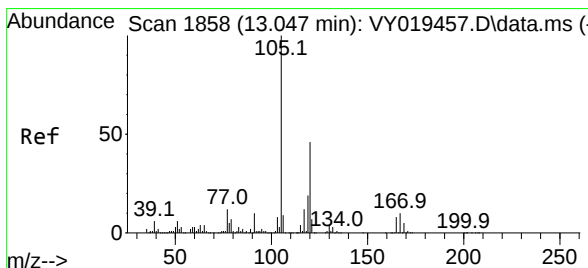
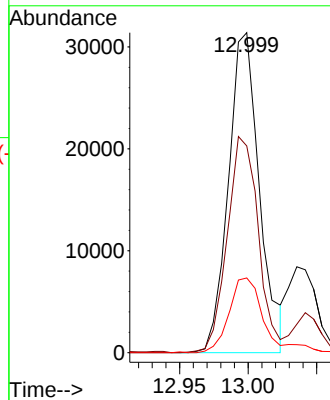
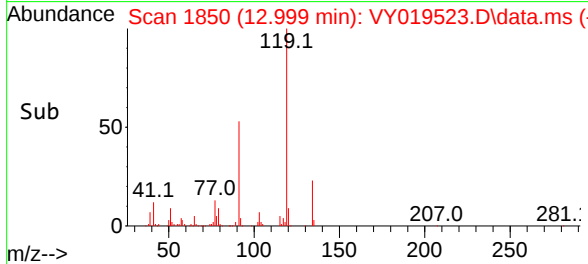
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



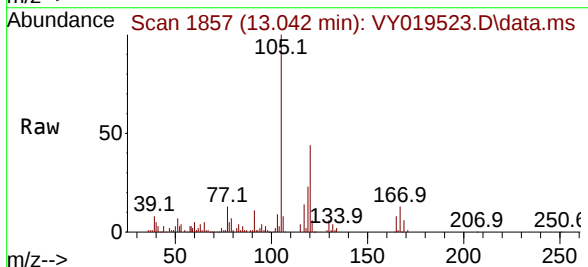
Tgt Ion:119 Resp: 49500
Ion Ratio Lower Upper
119 100
91 67.6 31.3 93.8
134 26.3 13.4 40.1

Manual Integrations
APPROVED

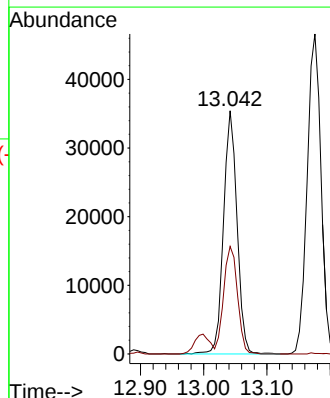
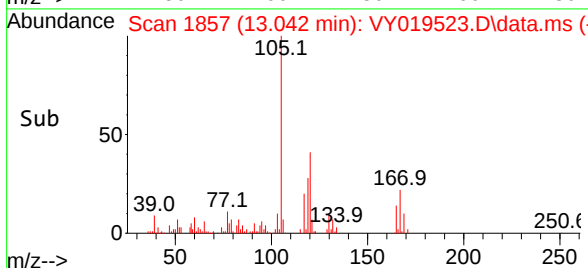
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

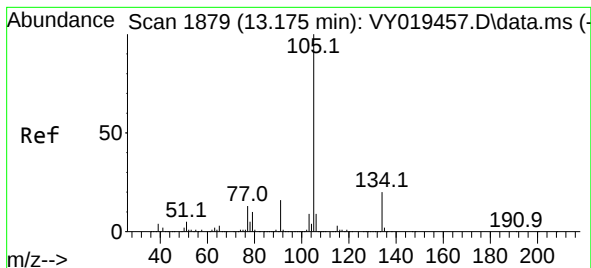


#84
1,2,4-Trimethylbenzene
Concen: 2.961 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42



Tgt Ion:105 Resp: 52285
Ion Ratio Lower Upper
105 100
120 45.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 3.007 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:105 Resp: 70538

Ion Ratio Lower Upper

105 100

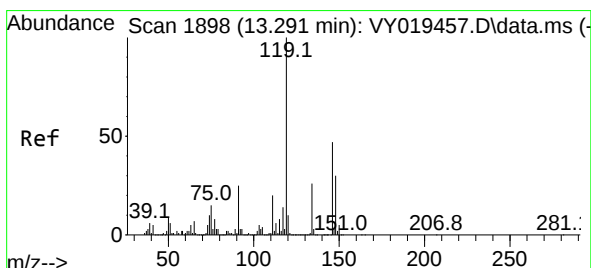
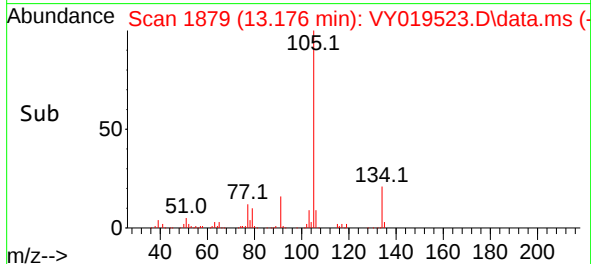
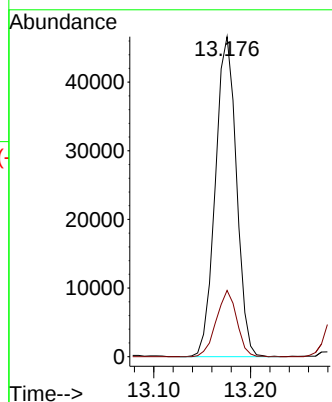
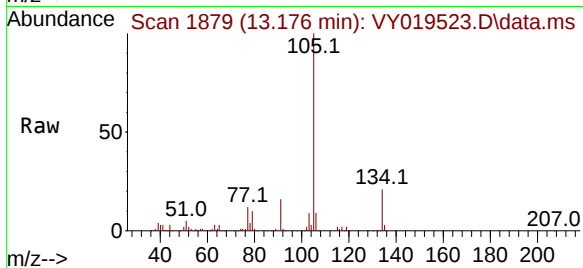
134 20.1 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024

Supervised By :Semsettin Yesilyurt 09/13/2024



#86

p-Isopropyltoluene

Concen: 2.969 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

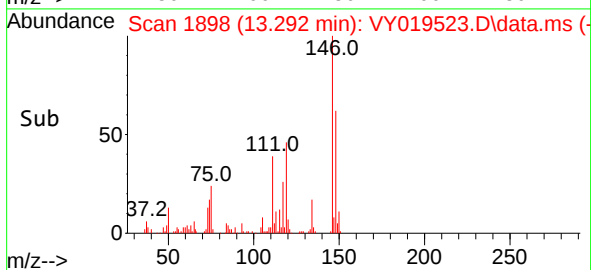
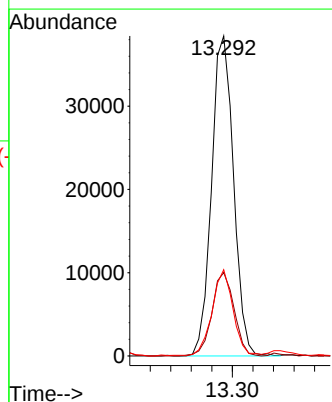
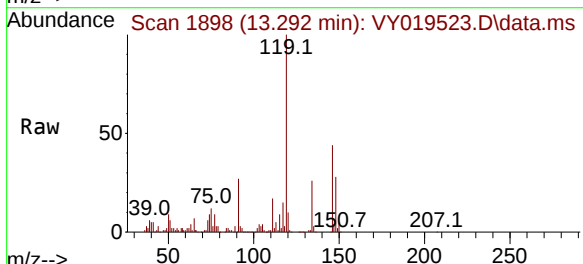
Tgt Ion:119 Resp: 56988

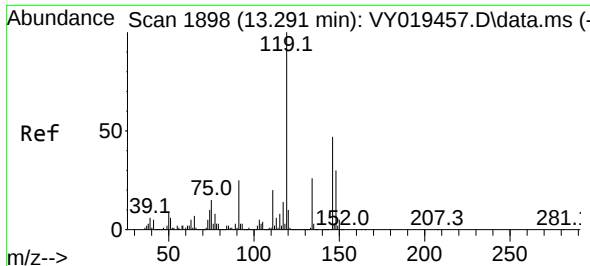
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 25.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 3.103 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019523.D

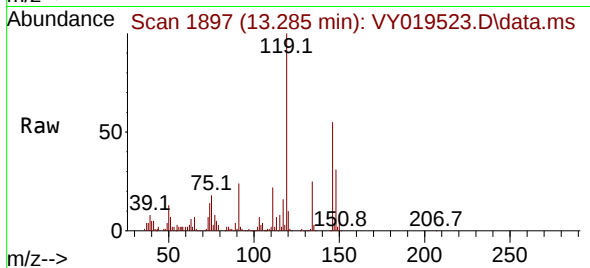
Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

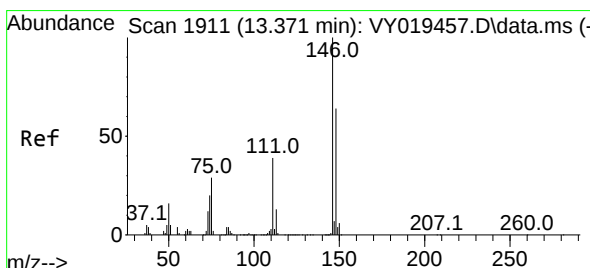
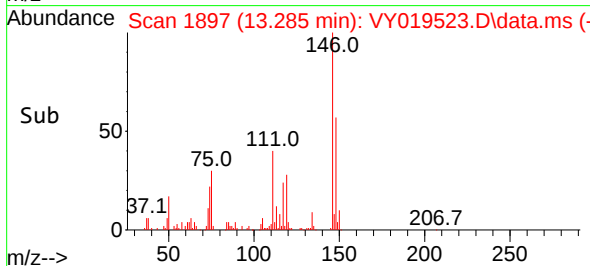
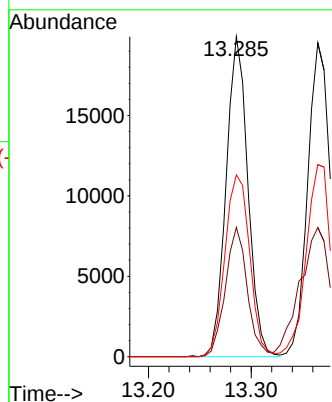


Tgt Ion:	146	Resp:	2934
Ion Ratio	Lower	Upper	
146	100		
111	40.8	19.0	57.0
148	64.5	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#88

1,4-Dichlorobenzene

Concen: 3.224 ug/l

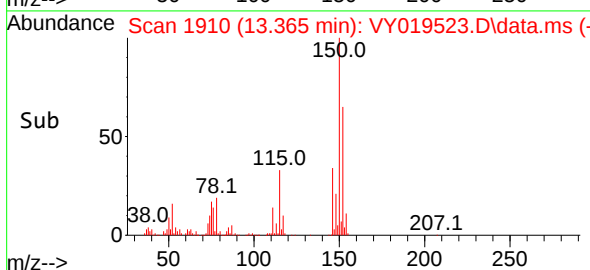
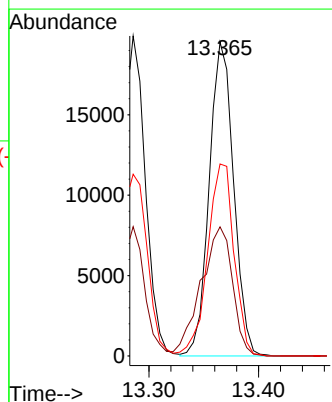
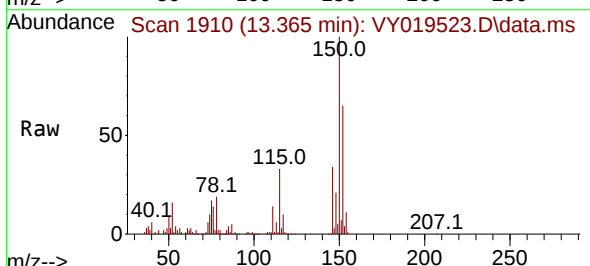
RT: 13.365 min Scan# 1910

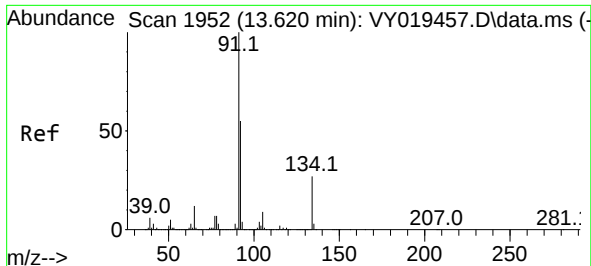
Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

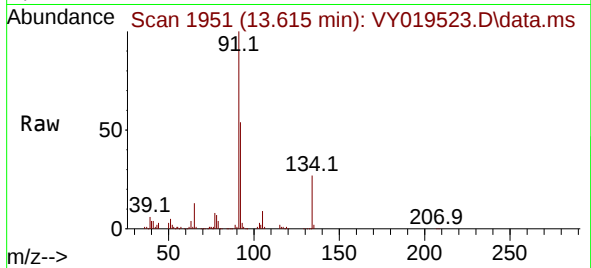
Tgt Ion:	146	Resp:	30254
Ion Ratio	Lower	Upper	
146	100		
111	52.8	18.4	55.4
148	66.4	32.4	97.2





#89
n-Butylbenzene
Concen: 2.974 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

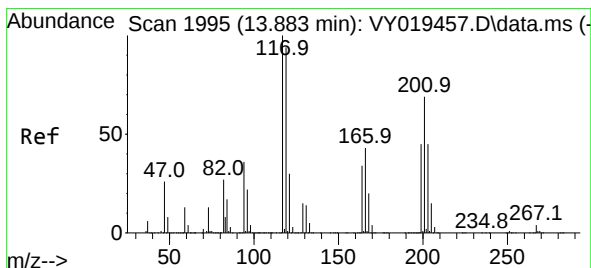
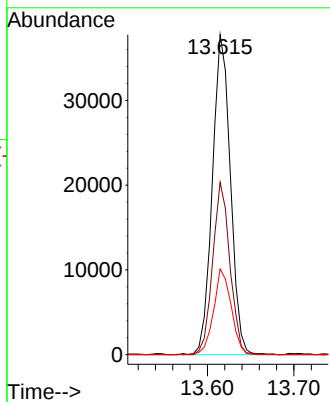
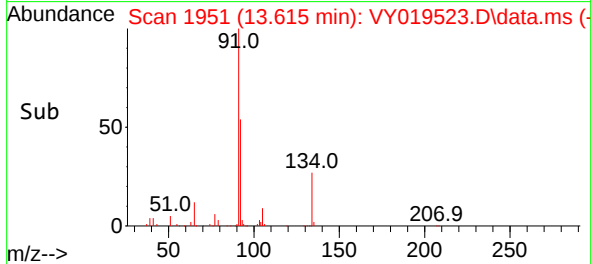
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 91 Resp: 5458
Ion Ratio Lower Upper
91 100
92 51.6 26.6 79.7
134 26.2 12.9 38.7

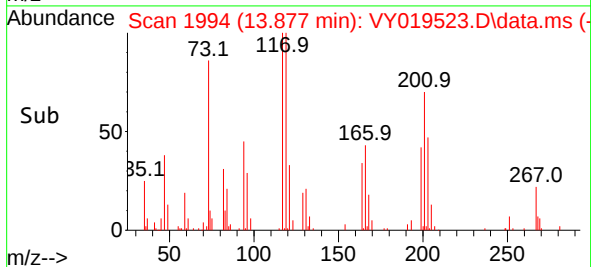
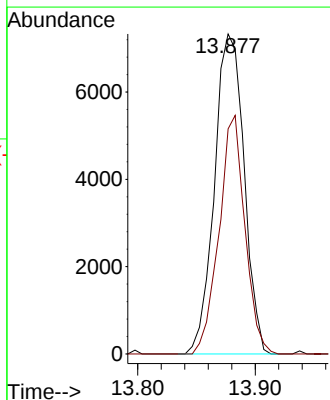
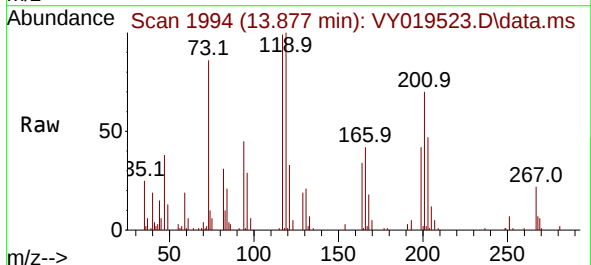
Manual Integrations
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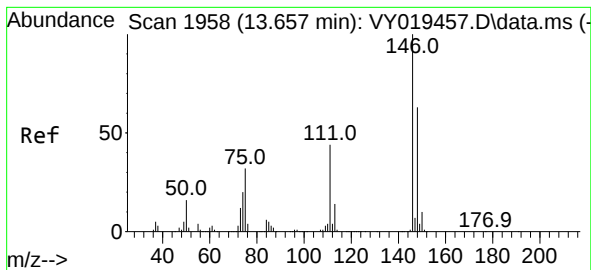
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#90
Hexachloroethane
Concen: 3.217 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion:117 Resp: 12848
Ion Ratio Lower Upper
117 100
201 65.1 37.4 112.2





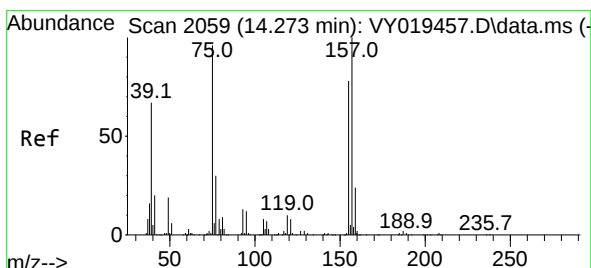
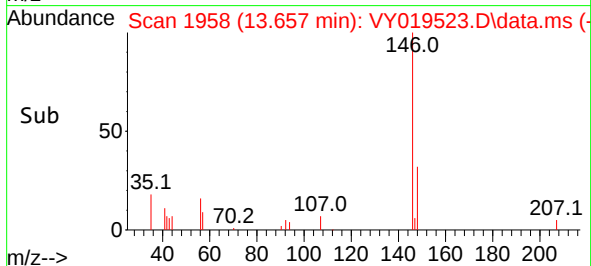
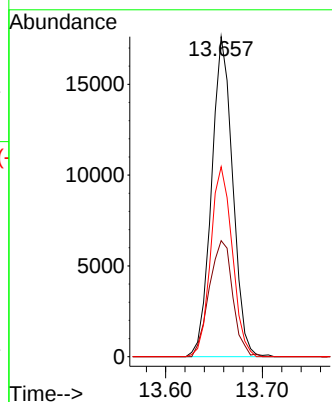
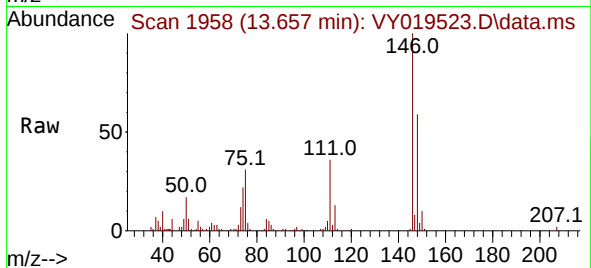
#91
1,2-Dichlorobenzene
Concen: 3.180 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion:146 Resp: 26839
Ion Ratio Lower Upper
146 100
111 40.1 19.9 59.7
148 60.6 31.8 95.4

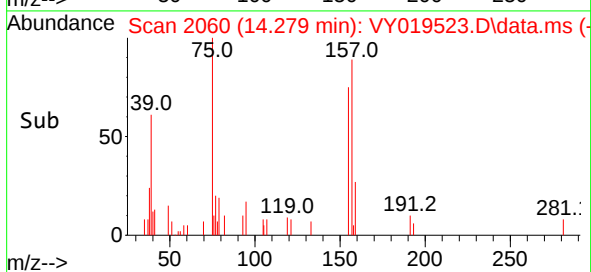
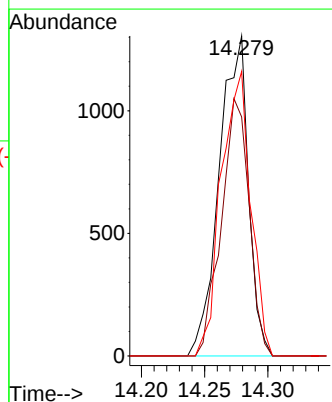
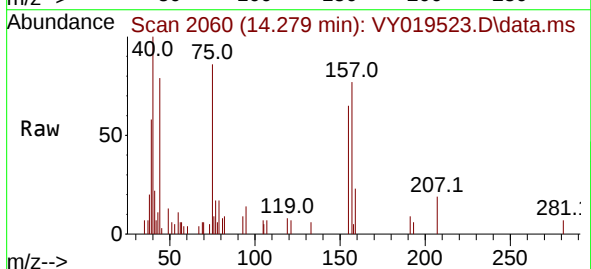
Manual Integrations
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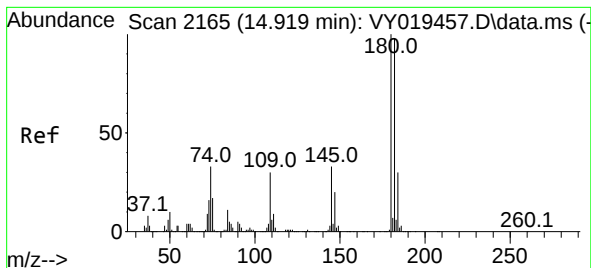
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.217 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY019523.D
Acq: 12 Sep 2024 12:42

Tgt Ion: 75 Resp: 2088
Ion Ratio Lower Upper
75 100
155 76.9 48.6 145.8
157 90.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.976 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

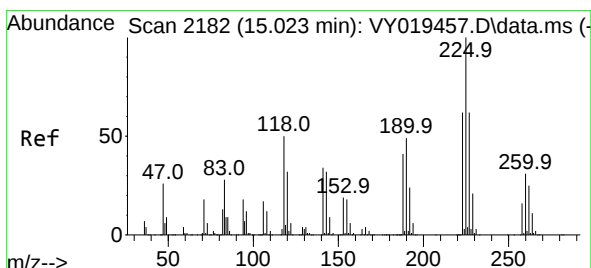
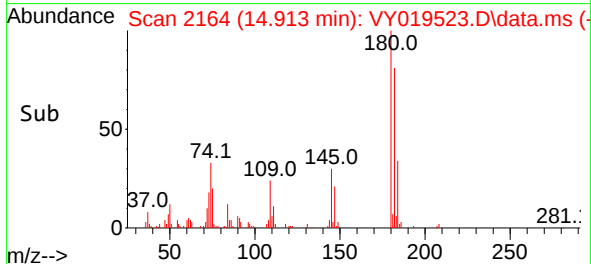
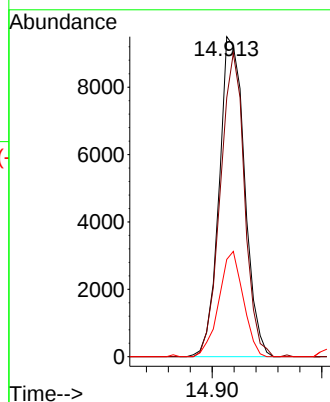
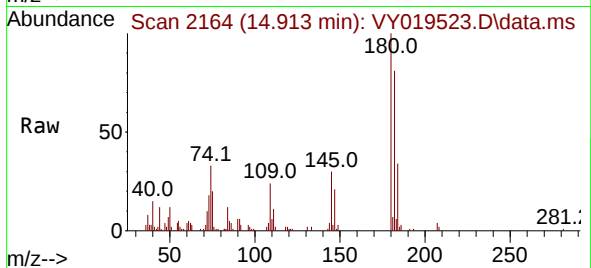
MDL-SOIL-03-QT3-2024

Tgt Ion:180	Resp:	1527
Ion Ratio	Lower	Upper
180	100	
182	90.2	47.9 143.8
145	31.6	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#94

Hexachlorobutadiene

Concen: 2.923 ug/l

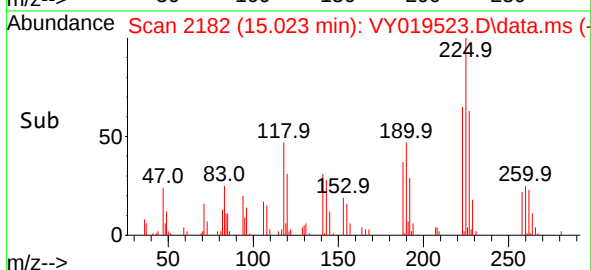
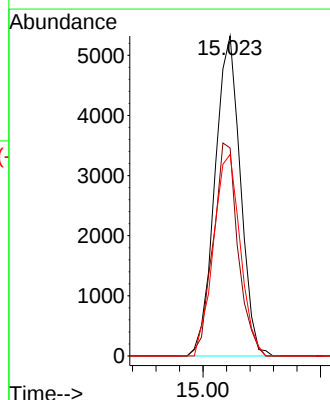
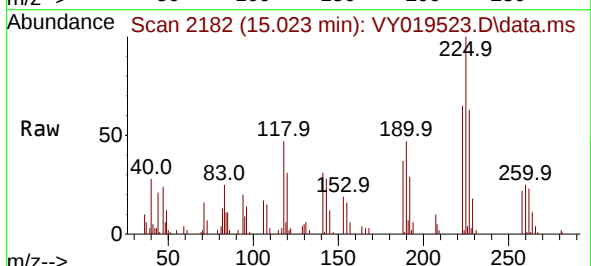
RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Tgt Ion:225	Resp:	8015
Ion Ratio	Lower	Upper
225	100	
223	65.0	30.4 91.2
227	66.1	31.9 95.9





#95

Naphthalene

Concen: 2.864 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

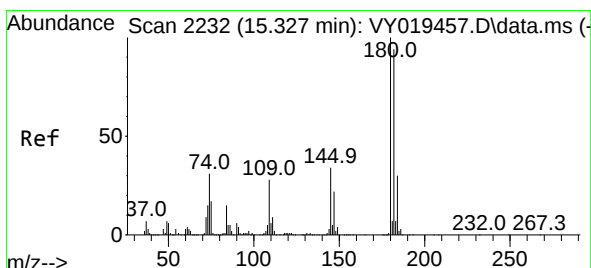
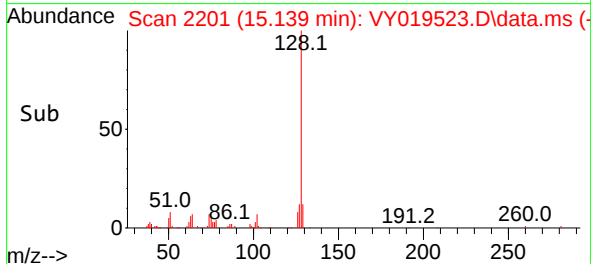
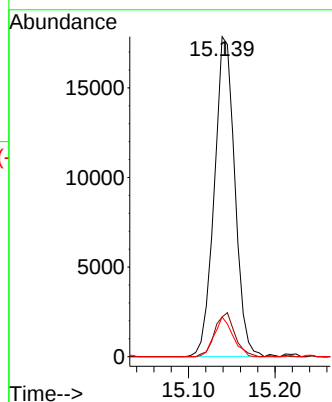
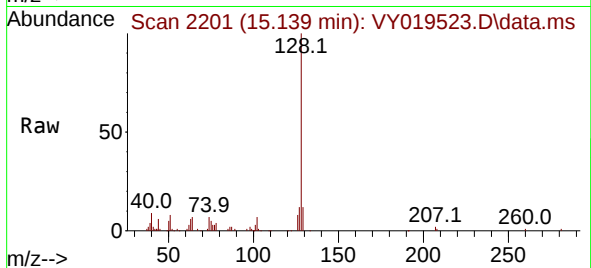
MDL-SOIL-03-QT3-2024

Tgt Ion:	128	Resp:	2943
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	16.0
129	11.2	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.851 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019523.D

Acq: 12 Sep 2024 12:42

Tgt Ion:	180	Resp:	12517
Ion Ratio	Lower	Upper	
180	100		
182	99.8	47.6	142.9
145	36.7	15.4	46.1

