

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019537.D
 Acq On : 13 Sep 2024 13:40
 Operator : SY/MD
 Sample : P3390-03 4 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 13 23:17:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 23:16:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024
 Supervised By :Mahesh Dadoda 09/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	402094	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	718319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	602560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	277332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	203725	54.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.440%			
35) Dibromofluoromethane	7.634	113	204058	50.103	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.200%			
50) Toluene-d8	10.103	98	741927	49.251	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.500%			
62) 4-Bromofluorobenzene	12.401	95	260557	44.984	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 89.960%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	9328	3.670	ug/l	99
3) Chloromethane	2.074	50	10263	3.085	ug/l	94
4) Vinyl Chloride	2.208	62	12204	3.393	ug/l	91
5) Bromomethane	2.598	94	9480	4.290	ug/l	95
6) Chloroethane	2.732	64	9478	4.030	ug/l	94
7) Trichlorofluoromethane	3.055	101	24386	4.067	ug/l	95
8) Diethyl Ether	3.458	74	7945	3.947	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.811	101	15776	4.253	ug/l	93
10) Methyl Iodide	4.007	142	14775	3.107	ug/l	91
11) Tert butyl alcohol	4.860	59	7825	26.024	ug/l	# 63
12) 1,1-Dichloroethene	3.787	96	12645	3.545	ug/l	98
13) Acrolein	3.653	56	8338	51.713	ug/l	96
14) Allyl chloride	4.372	41	22780	3.561	ug/l	# 92
15) Acrylonitrile	5.049	53	21639	24.932	ug/l	96
16) Acetone	3.872	43	16735	18.866	ug/l	# 86
17) Carbon Disulfide	4.104	76	15317	1.589	ug/l	96
18) Methyl Acetate	4.385	43	15115	6.279	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	46623	4.614	ug/l	93
20) Methylene Chloride	4.610	84	19992	4.942	ug/l	# 85
21) trans-1,2-Dichloroethene	5.110	96	13688	3.501	ug/l	88
22) Diisopropyl ether	6.018	45	59024	4.493	ug/l	94
23) Vinyl Acetate	5.951	43	193904	25.840	ug/l	93
24) 1,1-Dichloroethane	5.909	63	31827	4.317	ug/l	98
25) 2-Butanone	6.890	43	26323	20.865	ug/l	95
26) 2,2-Dichloropropane	6.884	77	28897	4.346	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	20255	4.264	ug/l	87
28) Bromochloromethane	7.244	49	13484	4.347	ug/l	83
29) Tetrahydrofuran	7.262	42	17097	22.289	ug/l	86
30) Chloroform	7.421	83	36464	4.845	ug/l	98
31) Cyclohexane	7.701	56	26770	4.017	ug/l	# 80
32) 1,1,1-Trichloroethane	7.616	97	29783	4.415	ug/l	98
36) 1,1-Dichloropropene	7.835	75	20264	3.657	ug/l	96
37) Ethyl Acetate	6.976	43	12210	4.300	ug/l	# 96
38) Carbon Tetrachloride	7.817	117	24648	3.944	ug/l	97
39) Methylcyclohexane	9.103	83	20933	2.838	ug/l	# 83
40) Benzene	8.079	78	66744	3.910	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	7080	4.277	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	20525	4.469	ug/l	98
43) Isopropyl Acetate	8.195	43	25076	4.203	ug/l #	79
44) Trichloroethene	8.865	130	16864	3.842	ug/l	90
45) 1,2-Dichloropropane	9.140	63	18193	4.360	ug/l	99
46) Dibromomethane	9.225	93	9813	4.300	ug/l	92
47) Bromodichloromethane	9.420	83	27755	4.525	ug/l #	91
48) Methyl methacrylate	9.225	41	11577	4.110	ug/l	85
49) 1,4-Dioxane	9.237	88	2326	86.584	ug/l #	73
51) 4-Methyl-2-Pentanone	9.999	43	65874	21.949	ug/l	90
52) Toluene	10.170	92	42848	3.903	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	23418	4.005	ug/l #	85
54) cis-1,3-Dichloropropene	9.853	75	27773	4.079	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	14218	4.512	ug/l	96
56) Ethyl methacrylate	10.438	69	20004	4.179	ug/l #	84
57) 1,3-Dichloropropane	10.719	76	23907	4.413	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	45390	20.429	ug/l	97
59) 2-Hexanone	10.761	43	42685	19.400	ug/l	90
60) Dibromochloromethane	10.914	129	18782	4.506	ug/l	98
61) 1,2-Dibromoethane	11.011	107	12444	4.238	ug/l	98
64) Tetrachloroethene	10.646	164	14697	3.939	ug/l	91
65) Chlorobenzene	11.444	112	51936	4.382	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	18662	4.547	ug/l	98
67) Ethyl Benzene	11.517	91	88774	4.215	ug/l	99
68) m/p-Xylenes	11.627	106	64536	8.104	ug/l	91
69) o-Xylene	11.950	106	33101	4.250	ug/l	91
70) Styrene	11.969	104	56506	4.297	ug/l	95
71) Bromoform	12.127	173	10307	4.397	ug/l #	97
73) Isopropylbenzene	12.255	105	87825	4.365	ug/l	99
74) N-amyl acetate	12.066	43	22525	4.117	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.505	83	17193	4.814	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	12250m	4.713	ug/l	
77) Bromobenzene	12.529	156	19458	4.361	ug/l	88
78) n-propylbenzene	12.596	91	103529	4.341	ug/l	99
79) 2-Chlorotoluene	12.676	91	61868	4.452	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	70499	4.310	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	5519	4.076	ug/l #	86
82) 4-Chlorotoluene	12.779	91	61877	4.331	ug/l	98
83) tert-Butylbenzene	12.999	119	68018	4.594	ug/l	97
84) 1,2,4-Trimethylbenzene	13.041	105	71360	4.407	ug/l	97
85) sec-Butylbenzene	13.176	105	95026	4.418	ug/l	99
86) p-Isopropyltoluene	13.291	119	75344	4.281	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	39282	4.530	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	39089	4.543	ug/l	93
89) n-Butylbenzene	13.615	91	72990	4.338	ug/l	100
90) Hexachloroethane	13.877	117	16459	4.495	ug/l	89
91) 1,2-Dichlorobenzene	13.657	146	35620	4.604	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2468	4.147	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	19316	4.105	ug/l	95
94) Hexachlorobutadiene	15.023	225	10335	4.111	ug/l	98
95) Naphthalene	15.139	128	37713	4.002	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	16867	4.190	ug/l	97

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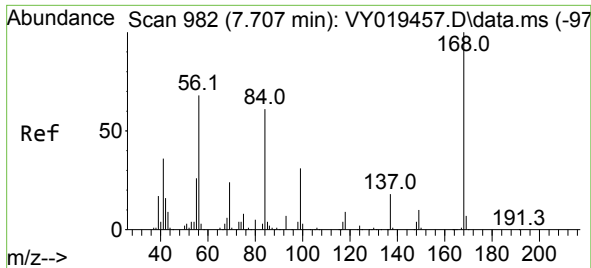
Manual Integrations
APPROVED

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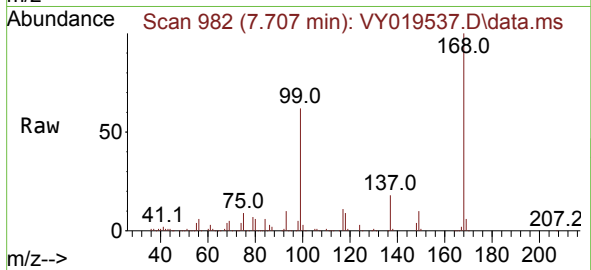
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019537.D
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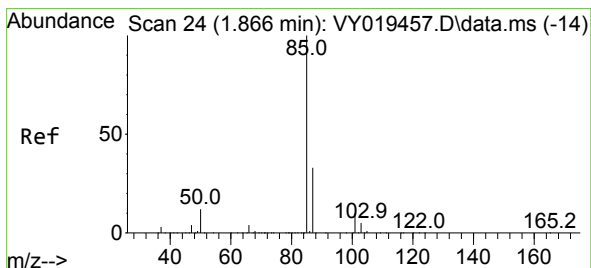
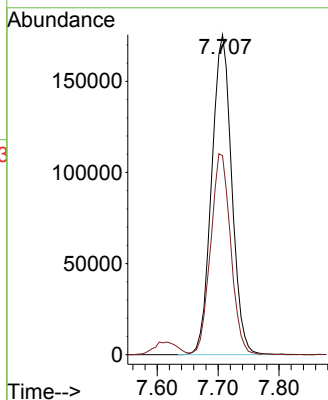
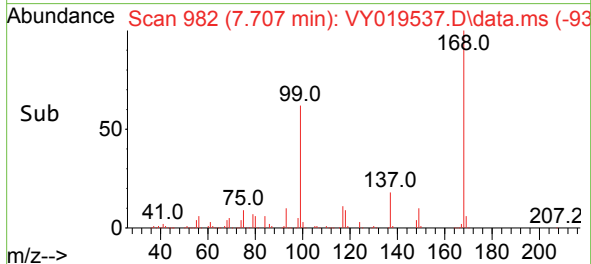
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:168 Resp: 402094
Ion Ratio Lower Upper
168 100
99 62.1 39.1 58.7

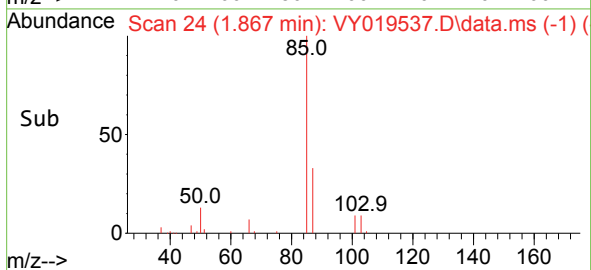
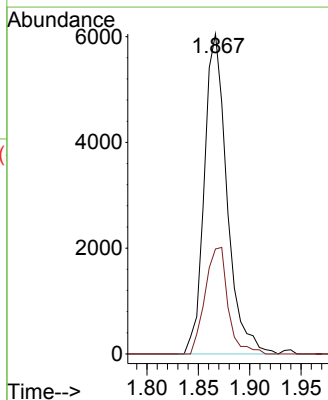
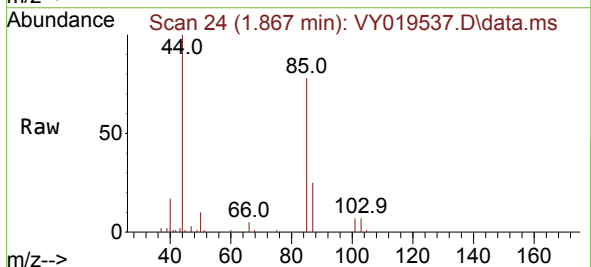
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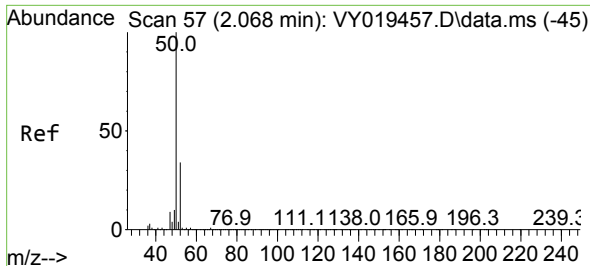
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Supervised By :Mahesh Dadoda 09/16/2024



#2
Dichlorodifluoromethane
Concen: 3.670 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

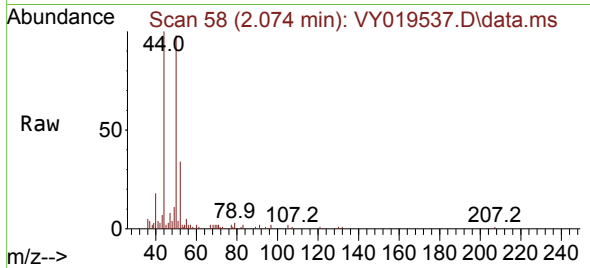
Tgt Ion: 85 Resp: 9328
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0





#3
Chloromethane
Concen: 3.085 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

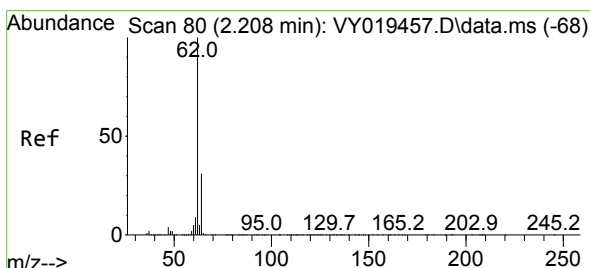
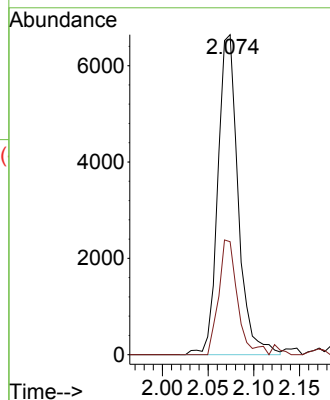
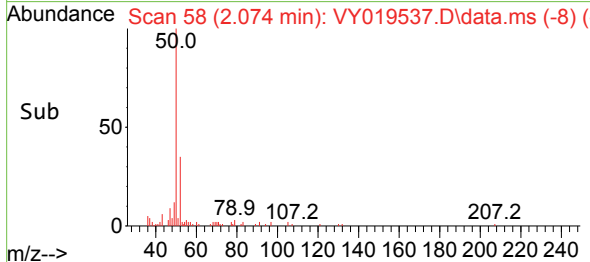
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ClientSampleId :
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Tgt Ion: 50 Resp: 1026
Ion Ratio Lower Upper
50 100
52 35.3 25.6 38.4

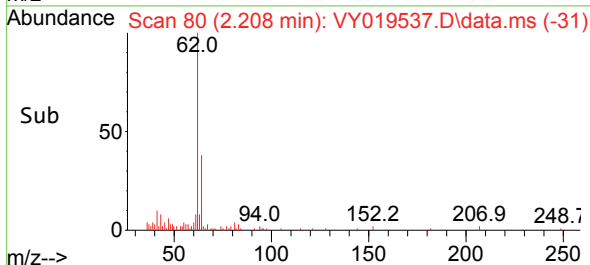
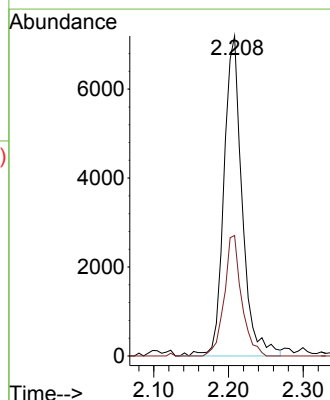
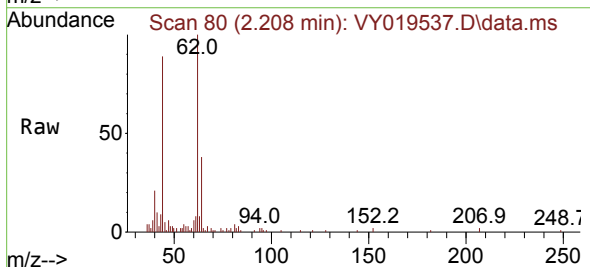
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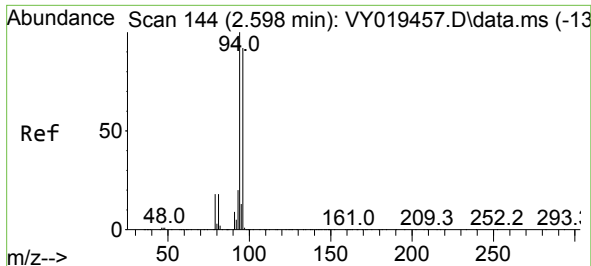
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#4
Vinyl Chloride
Concen: 3.393 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

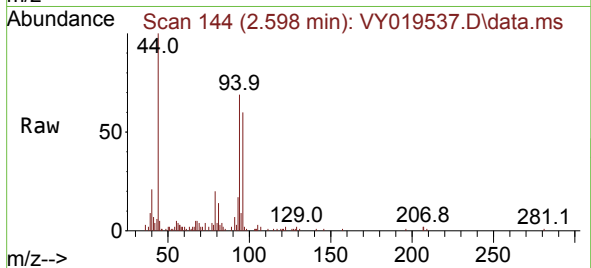
Tgt Ion: 62 Resp: 12204
Ion Ratio Lower Upper
62 100
64 37.7 26.1 39.1





#5
Bromomethane
Concen: 4.290 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

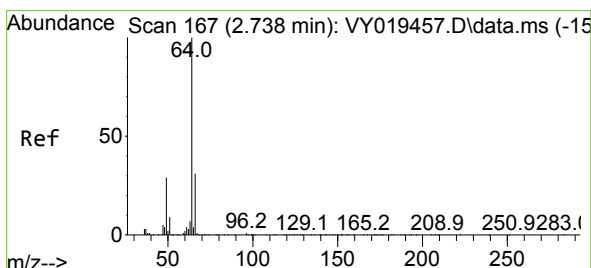
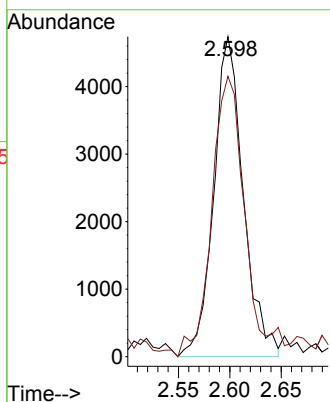
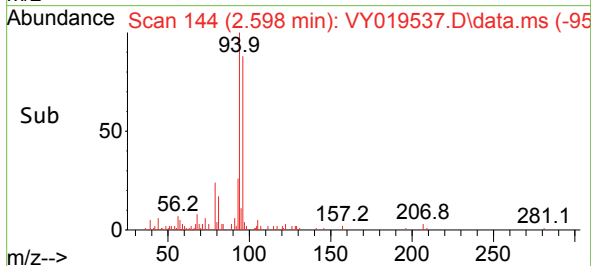
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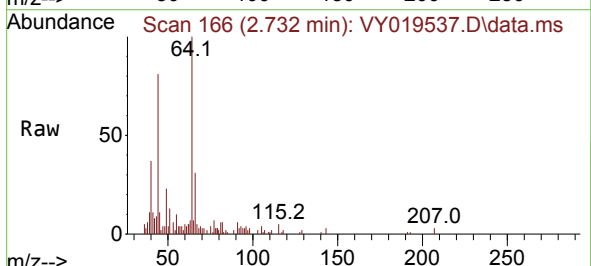
Tgt Ion: 94 Resp: 9480
Ion Ratio Lower Upper
94 100
96 87.6 74.1 111.1

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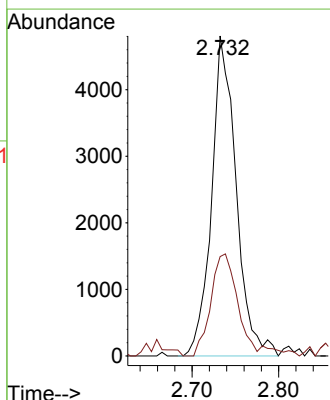
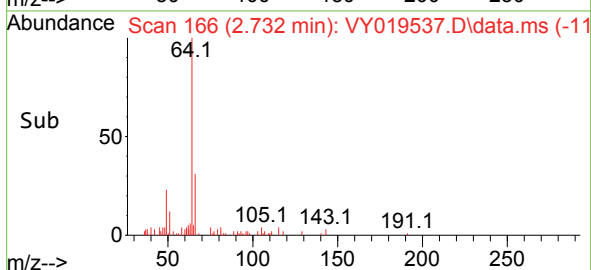
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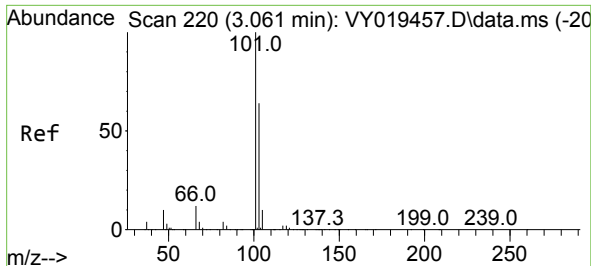


#6
Chloroethane
Concen: 4.030 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40



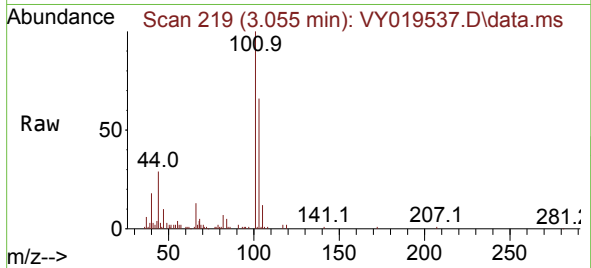
Tgt Ion: 64 Resp: 9478
Ion Ratio Lower Upper
64 100
66 29.3 26.1 39.1





#7
Trichlorofluoromethane
Concen: 4.067 ug/l
RT: 3.055 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

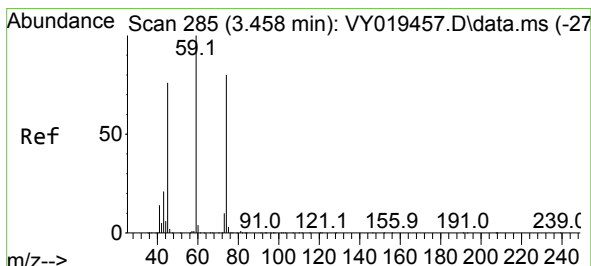
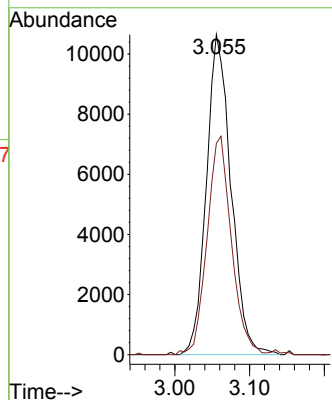
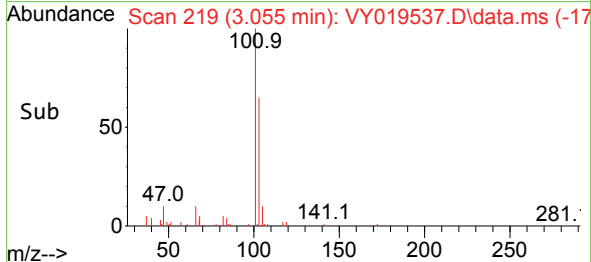
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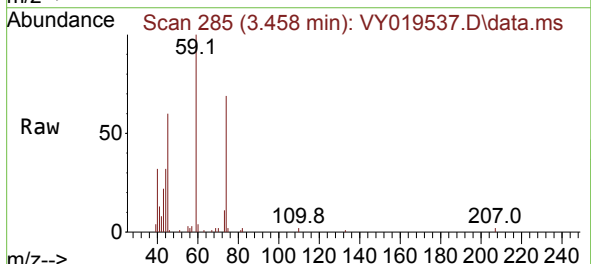
Tgt Ion:101 Resp: 2438
Ion Ratio Lower Upper
101 100
103 65.5 49.3 73.9

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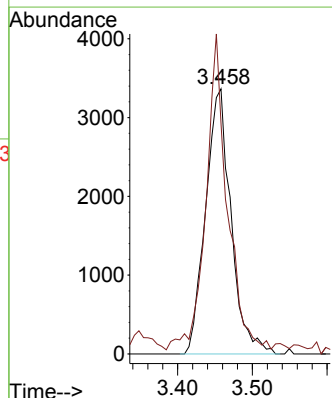
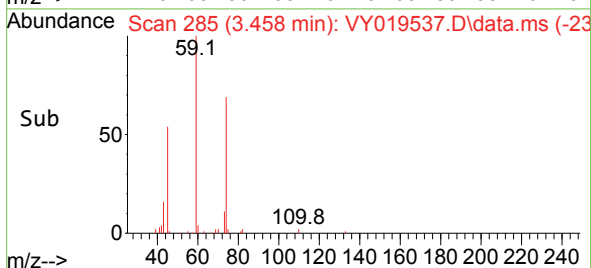
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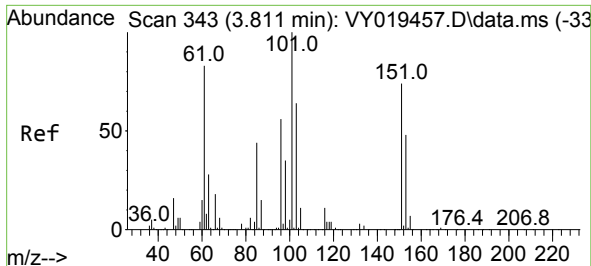


#8
Diethyl Ether
Concen: 3.947 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 7945
Ion Ratio Lower Upper
74 100
45 100.7 41.3 124.1





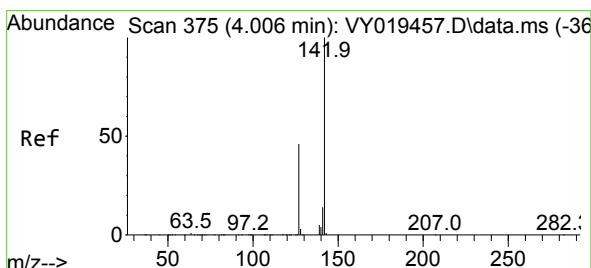
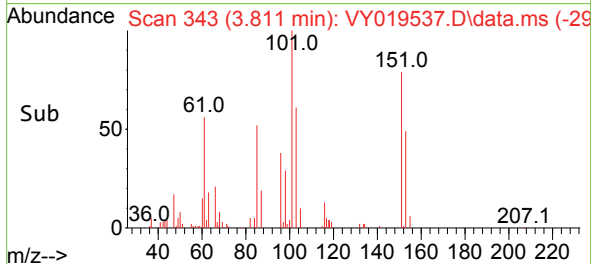
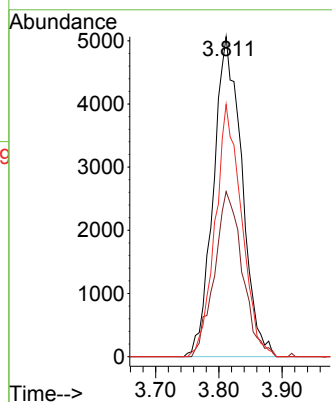
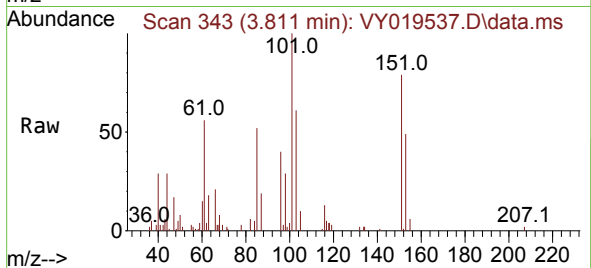
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.253 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

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

Tgt Ion:101 Resp: 15770
Ion Ratio Lower Upper
101 100
85 50.9 34.5 51.7
151 73.1 61.7 92.5

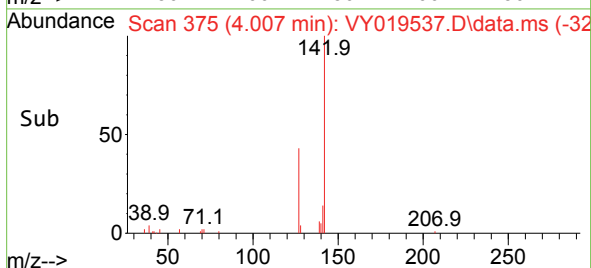
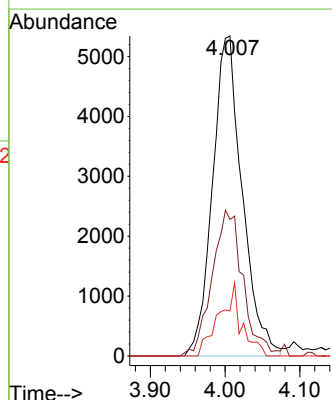
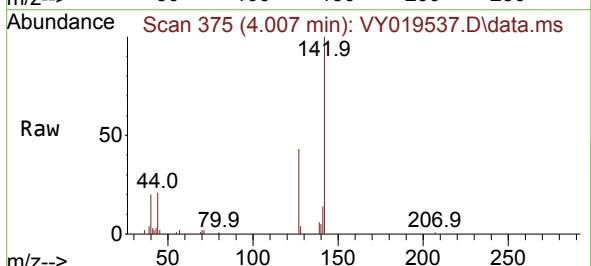
Manual Integrations
APPROVED

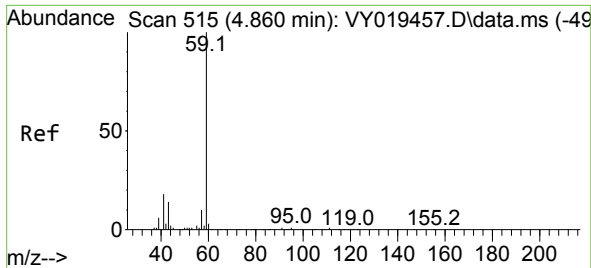
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#10
Methyl Iodide
Concen: 3.107 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

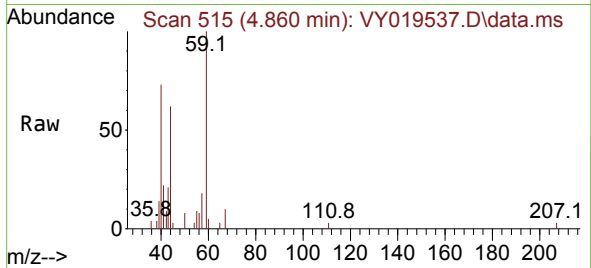
Tgt Ion:142 Resp: 14775
Ion Ratio Lower Upper
142 100
127 47.3 32.8 49.2
141 17.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 26.024 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

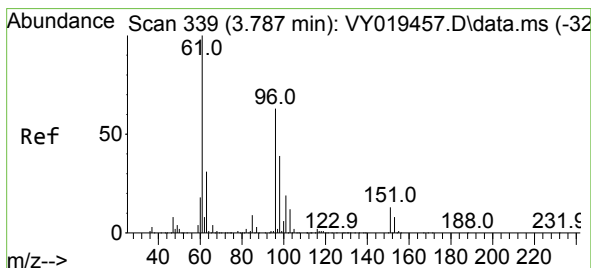
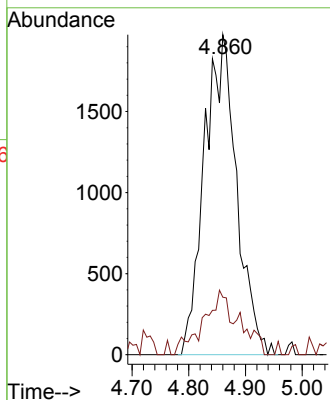
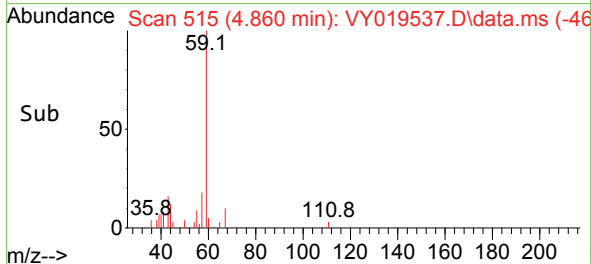
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 59 Resp: 7825
Ion Ratio Lower Upper
59 100
57 16.1 3.0 4.6

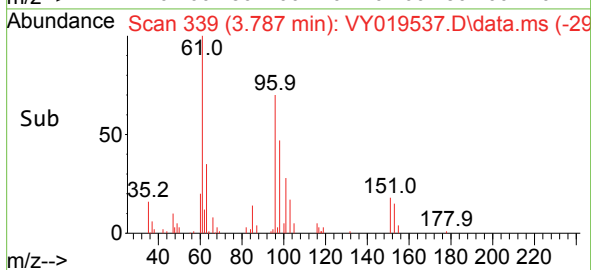
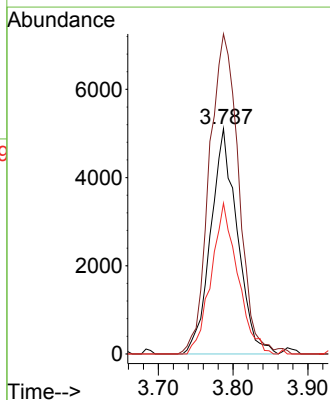
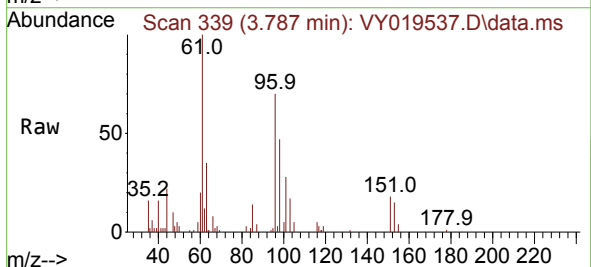
Manual Integrations
APPROVED

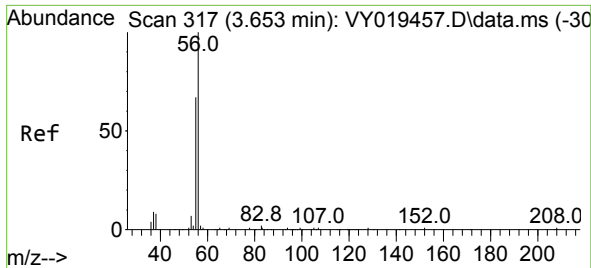
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#12
1,1-Dichloroethene
Concen: 3.545 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

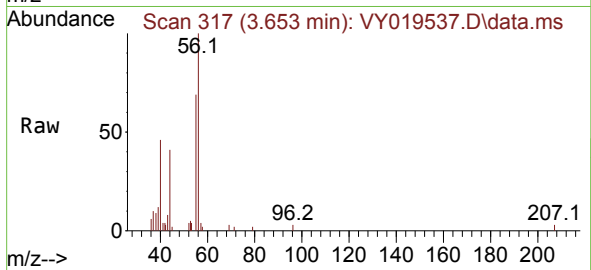
Tgt Ion: 96 Resp: 12645
Ion Ratio Lower Upper
96 100
61 142.0 114.6 171.8
98 66.9 50.8 76.2





#13
Acrolein
Concen: 51.713 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

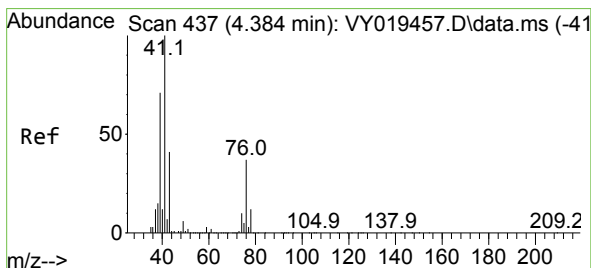
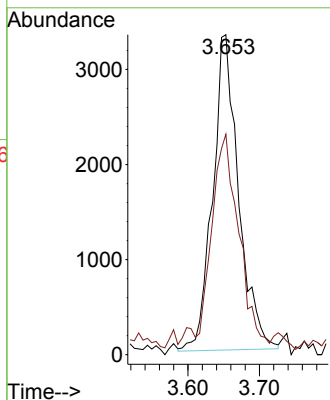
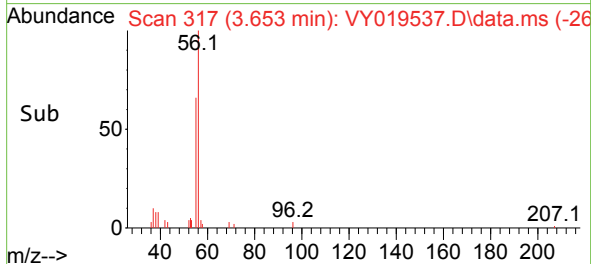
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 56 Resp: 8338
Ion Ratio Lower Upper
56 100
55 72.5 55.7 83.5

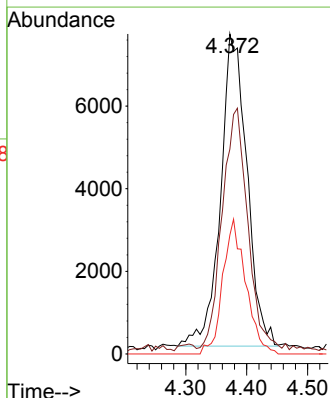
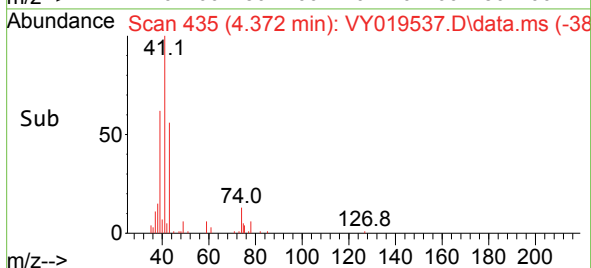
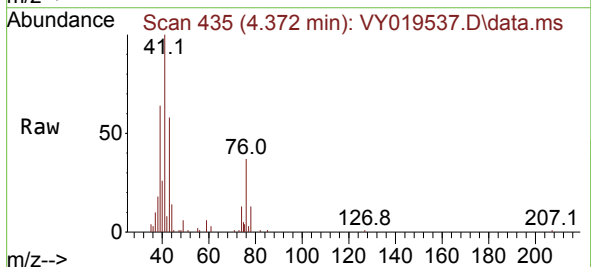
Manual Integrations
APPROVED

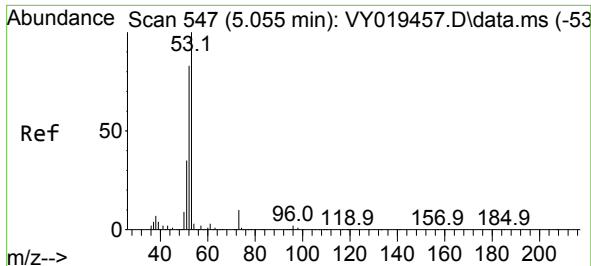
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#14
Allyl chloride
Concen: 3.561 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

Tgt Ion: 41 Resp: 22780
Ion Ratio Lower Upper
41 100
39 74.1 58.3 87.5
76 37.5 39.0 58.6





#15

Acrylonitrile

Concen: 24.932 ug/l

RT: 5.049 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY019537.D

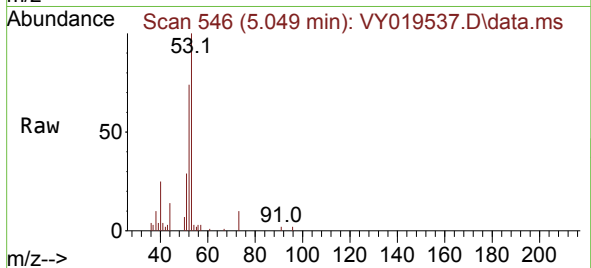
Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

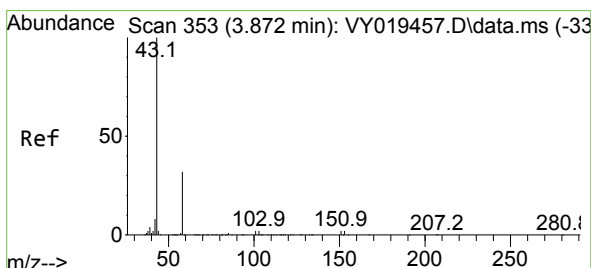
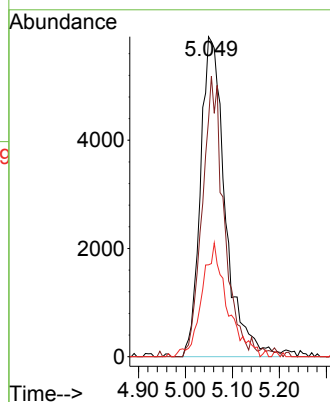
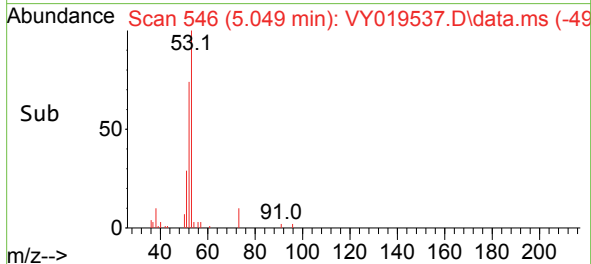


Tgt Ion: 53	Resp: 21639
Ion Ratio	Lower Upper
53	100
52	76.2 64.7 97.1
51	36.5 28.4 42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#16

Acetone

Concen: 18.866 ug/l

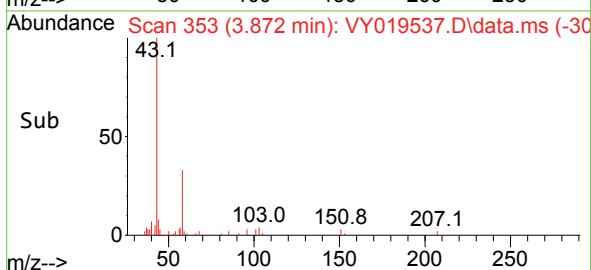
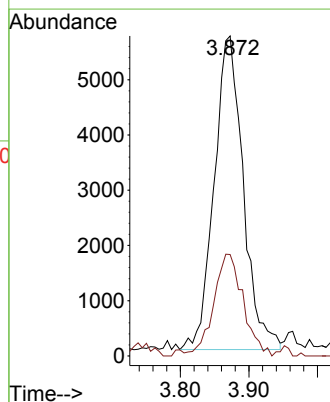
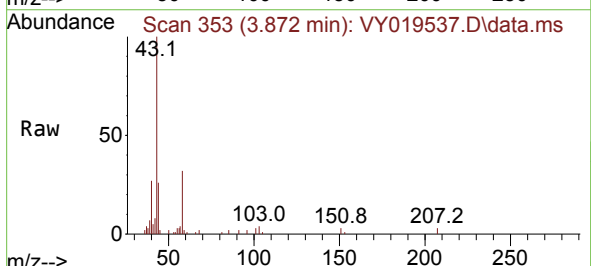
RT: 3.872 min Scan# 353

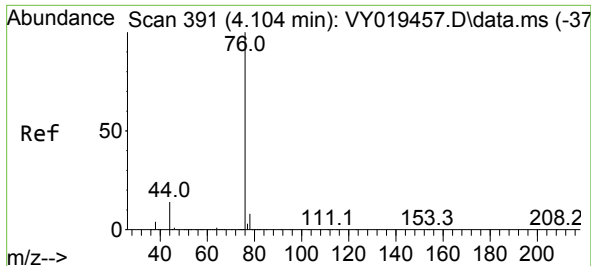
Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

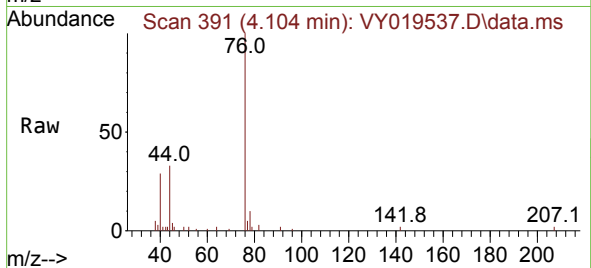
Tgt Ion: 43	Resp: 16735
Ion Ratio	Lower Upper
43	100
58	31.0 31.7 47.5#





#17
Carbon Disulfide
Concen: 1.589 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

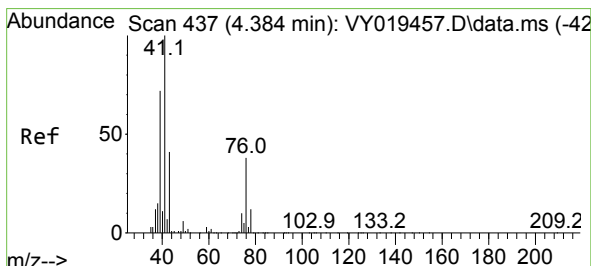
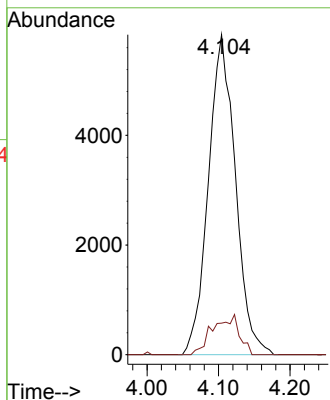
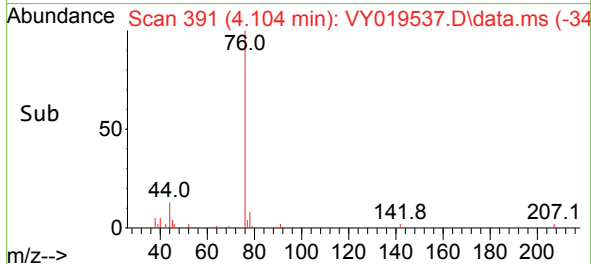
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 76 Resp: 1531
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2

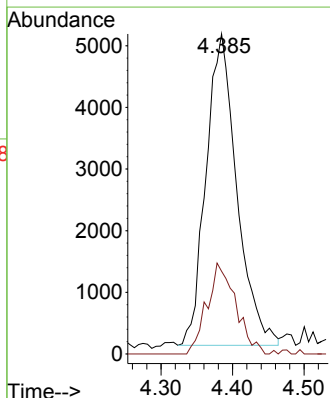
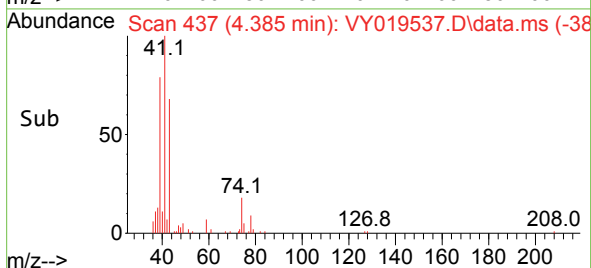
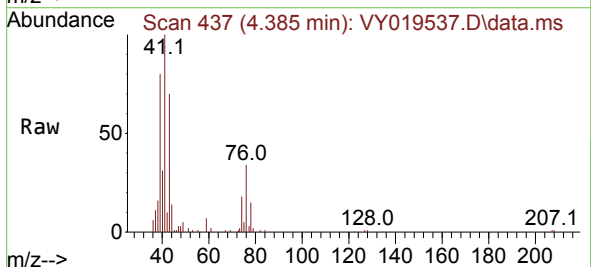
Manual Integrations
APPROVED

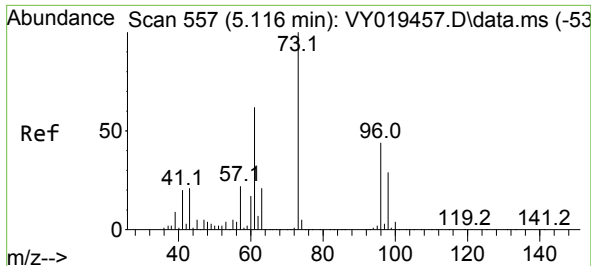
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#18
Methyl Acetate
Concen: 6.279 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

Tgt Ion: 43 Resp: 15115
Ion Ratio Lower Upper
43 100
74 27.2 23.3 34.9





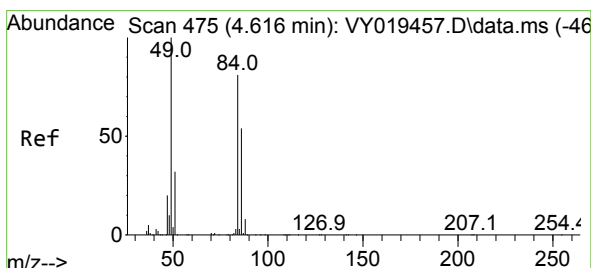
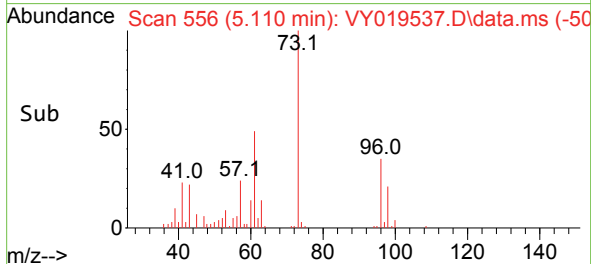
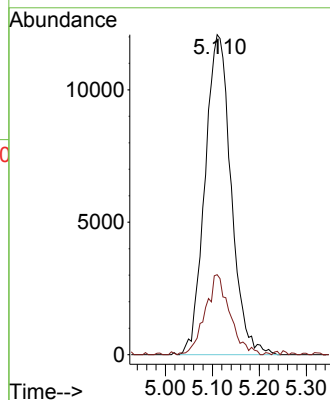
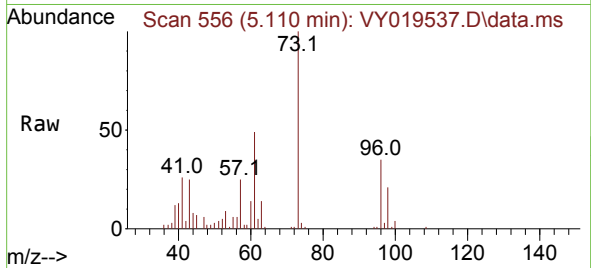
#19
Methyl tert-butyl Ether
Concen: 4.614 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

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

Tgt Ion: 73 Resp: 4662
Ion Ratio Lower Upper
73 100
57 25.0 17.3 25.9

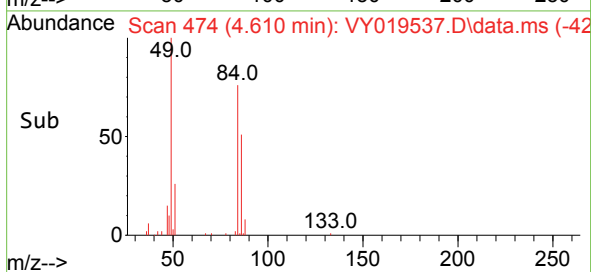
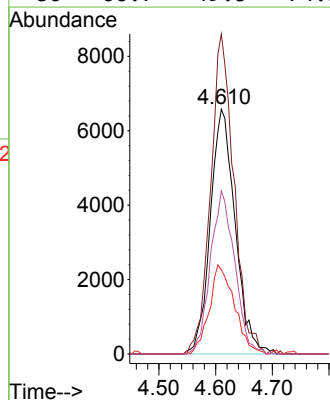
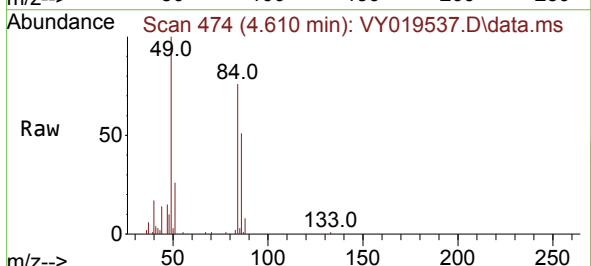
Manual Integrations
APPROVED

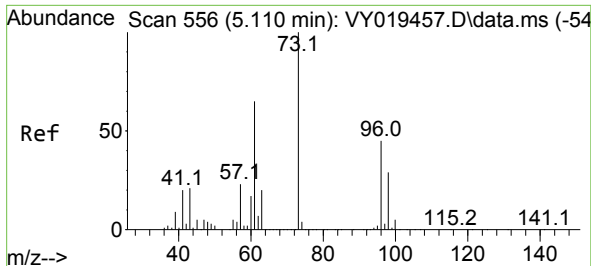
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#20
Methylene Chloride
Concen: 4.942 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

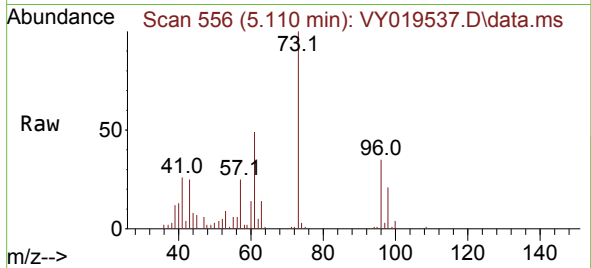
Tgt Ion: 84 Resp: 19992
Ion Ratio Lower Upper
84 100
49 130.8 84.4 126.6#
51 34.4 26.0 39.0
86 66.7 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 3.501 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

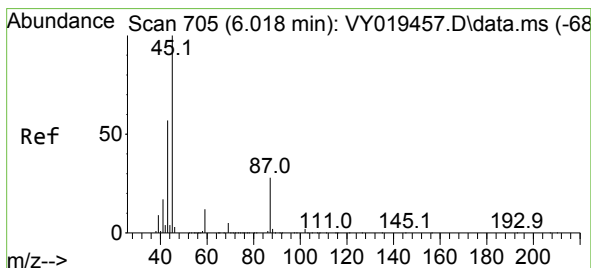
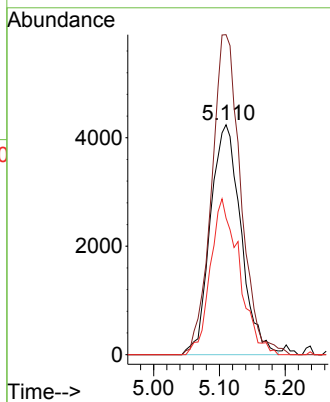
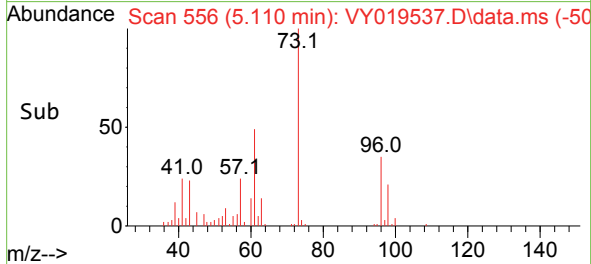
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 96 Resp: 1368
Ion Ratio Lower Upper
96 100
61 139.2 97.5 146.3
98 59.4 50.5 75.7

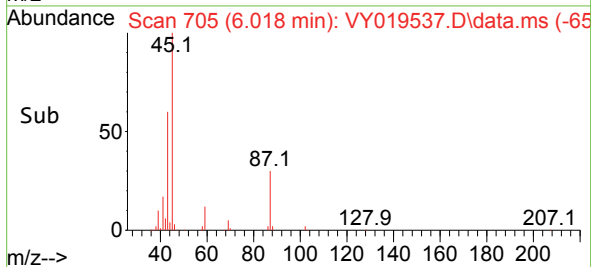
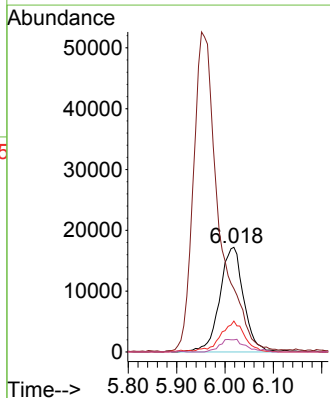
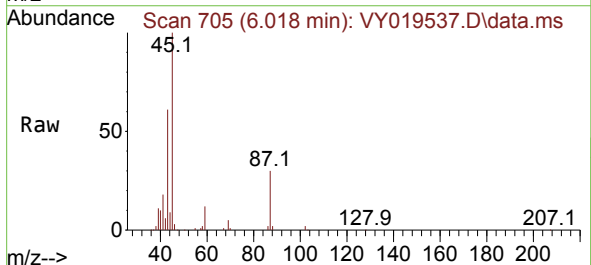
Manual Integrations
APPROVED

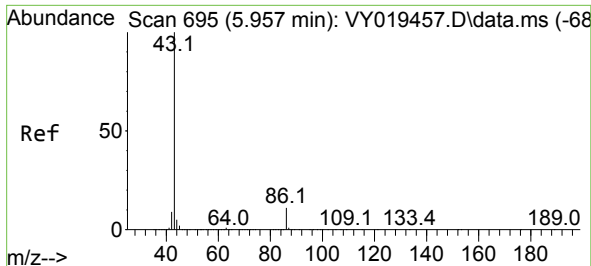
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#22
Diisopropyl ether
Concen: 4.493 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

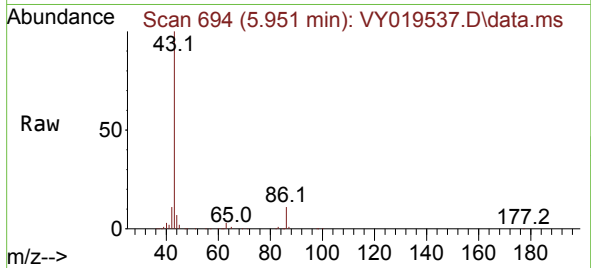
Tgt Ion: 45 Resp: 59024
Ion Ratio Lower Upper
45 100
43 58.7 42.2 63.2
87 29.6 25.0 37.6
59 11.3 10.5 15.7





#23
 Vinyl Acetate
 Concen: 25.840 ug/l
 RT: 5.951 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY019537.D
 Acq: 13 Sep 2024 13:40

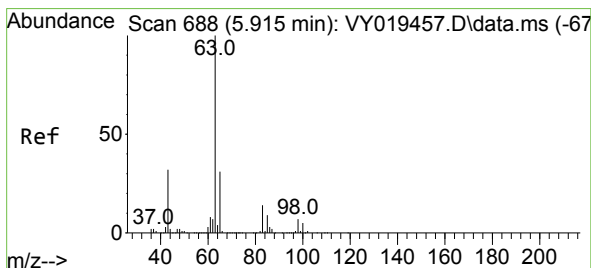
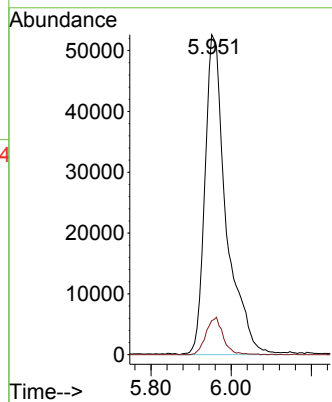
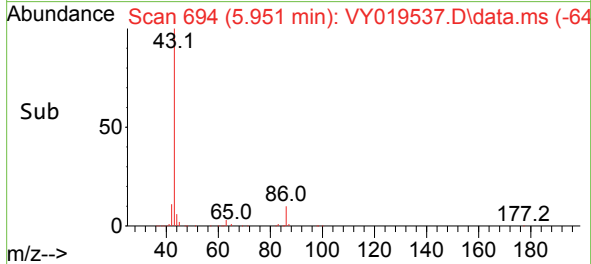
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 193904
 Ion Ratio Lower Upper
 43 100
 86 10.6 10.6 16.0

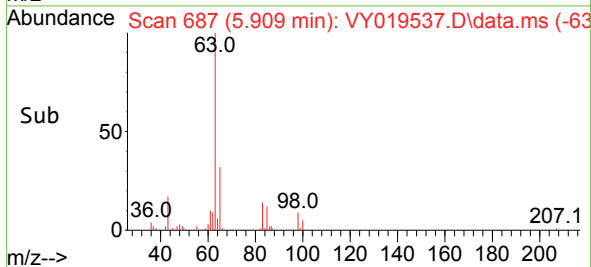
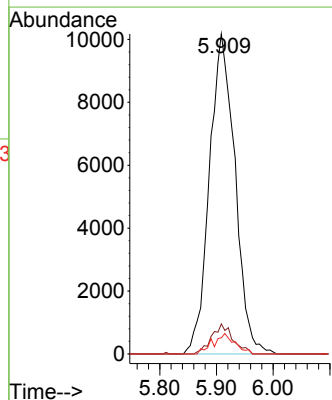
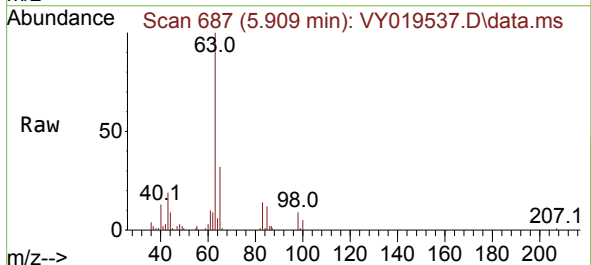
Manual Integrations
 APPROVED

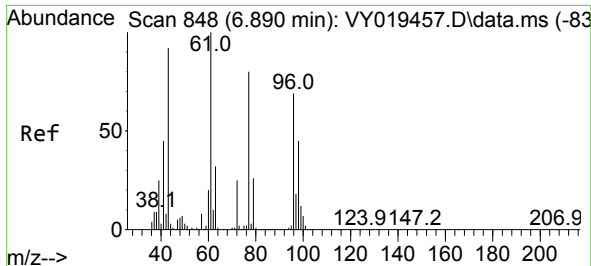
Reviewed By :Semsettin Yesilyurt 09/16/2024
 Supervised By :Mahesh Dadoda 09/16/2024



#24
 1,1-Dichloroethane
 Concen: 4.317 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019537.D
 Acq: 13 Sep 2024 13:40

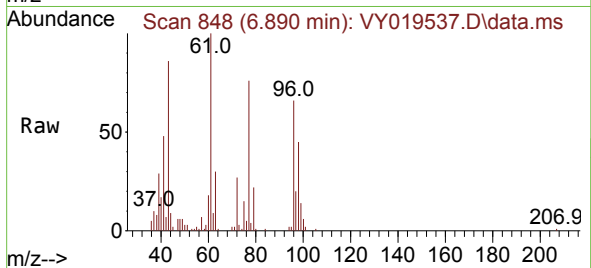
Tgt Ion: 63 Resp: 31827
 Ion Ratio Lower Upper
 63 100
 98 9.4 4.0 12.2
 100 5.1 2.6 8.0





#25
2-Butanone
Concen: 20.865 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

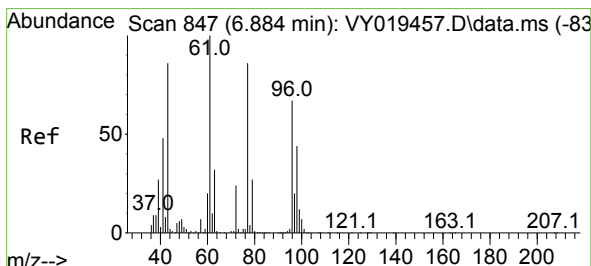
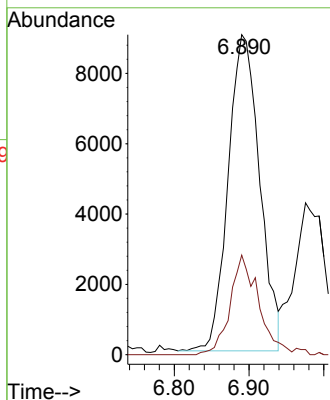
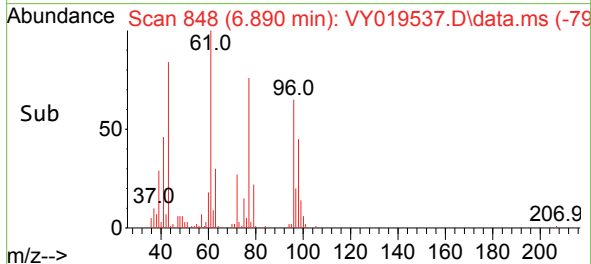
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



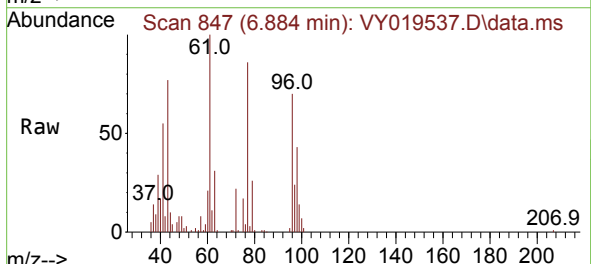
Tgt Ion: 43 Resp: 2632
Ion Ratio Lower Upper
43 100
72 31.5 27.3 40.9

Manual Integrations
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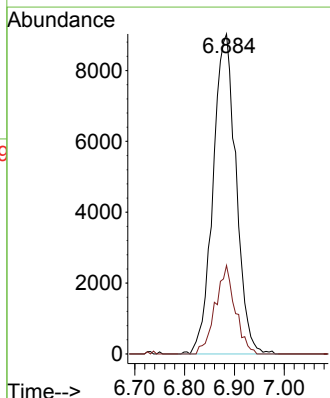
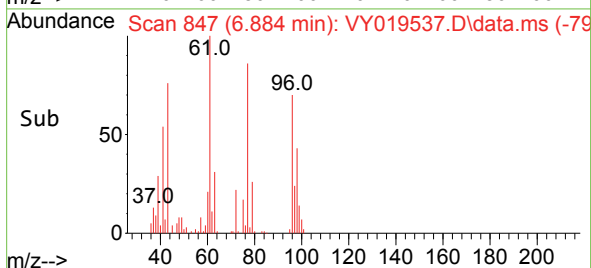
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

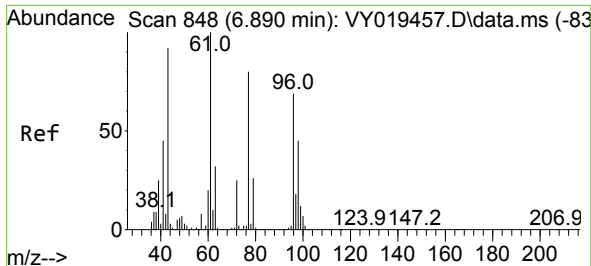


#26
2,2-Dichloropropane
Concen: 4.346 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40



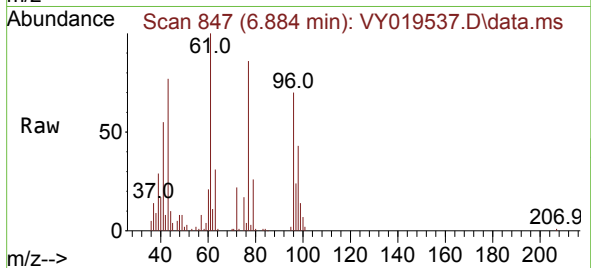
Tgt Ion: 77 Resp: 28897
Ion Ratio Lower Upper
77 100
97 23.9 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 4.264 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019537.D
 Acq: 13 Sep 2024 13:40

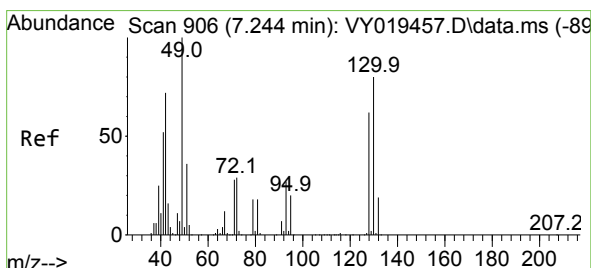
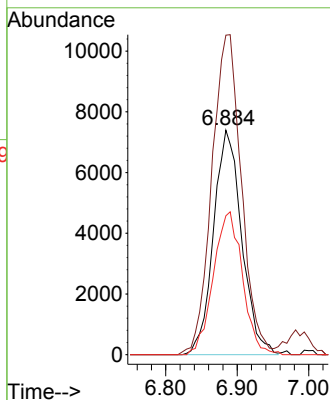
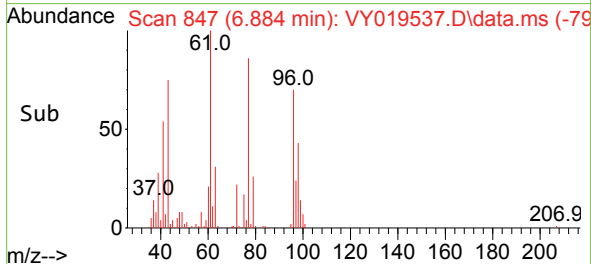
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 96 Resp: 2025
 Ion Ratio Lower Upper
 96 100
 61 149.4 0.0 256.2
 98 65.7 0.0 130.0

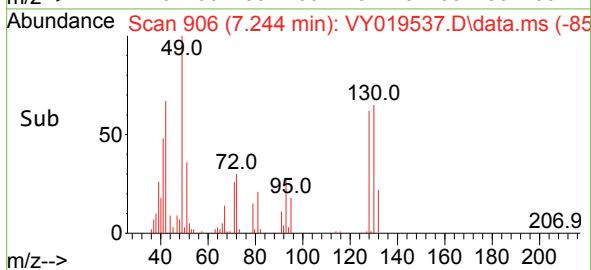
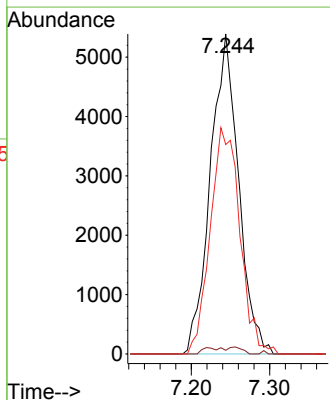
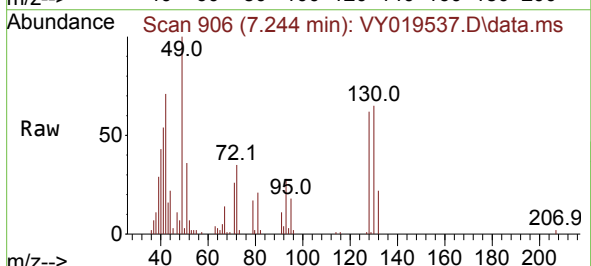
Manual Integrations
 APPROVED

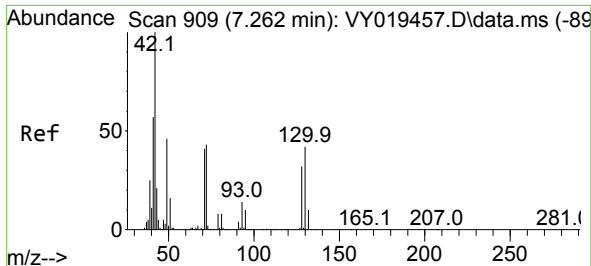
Reviewed By :Semsettin Yesilyurt 09/16/2024
 Supervised By :Mahesh Dadoda 09/16/2024



#28
 Bromochloromethane
 Concen: 4.347 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019537.D
 Acq: 13 Sep 2024 13:40

Tgt Ion: 49 Resp: 13484
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.6
 130 74.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 22.289 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

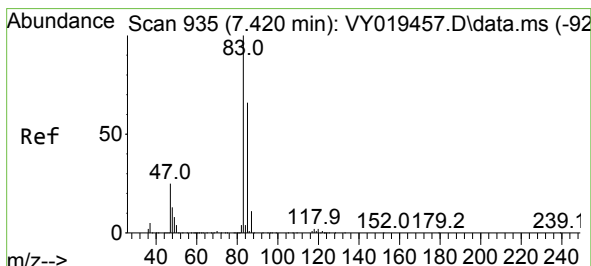
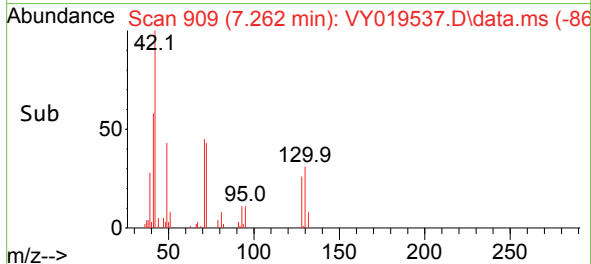
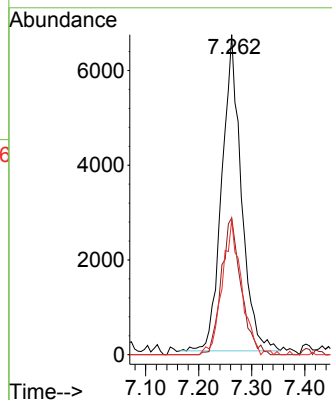
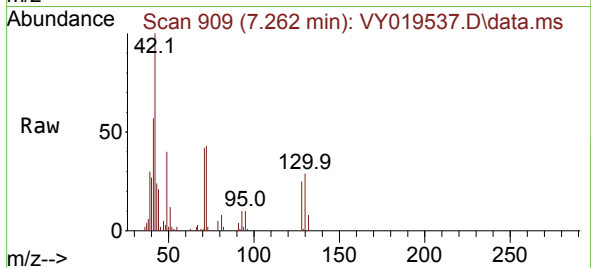
MDL-SOIL-03-QT3-2024

Tgt Ion:	42	Resp:	1709
Ion Ratio	Lower	Upper	
42	100		
72	43.6	43.0	64.4
71	41.5	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#30

Chloroform

Concen: 4.845 ug/l

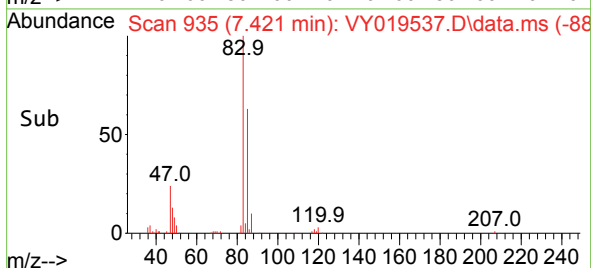
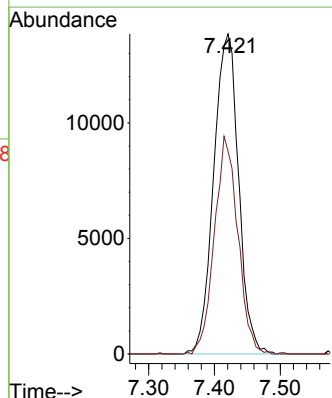
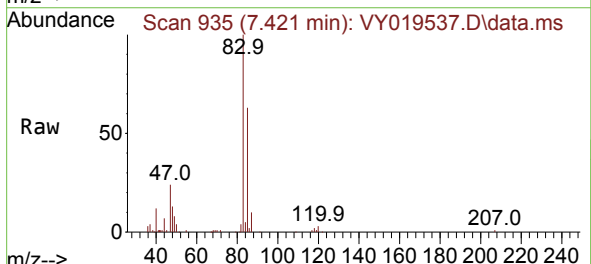
RT: 7.421 min Scan# 935

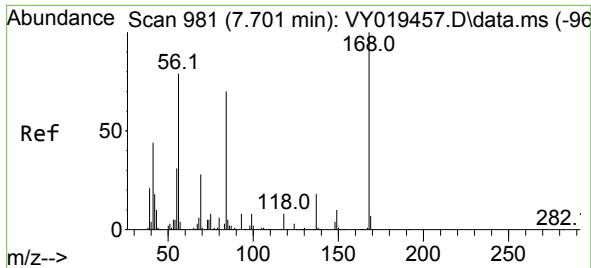
Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

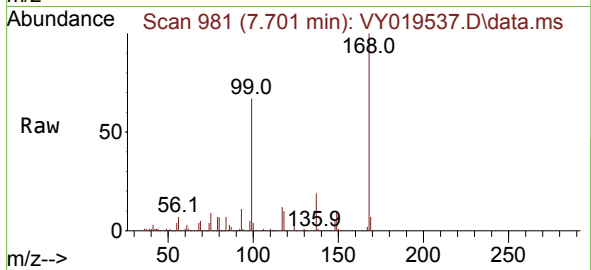
Tgt Ion:	83	Resp:	36464
Ion Ratio	Lower	Upper	
83	100		
85	63.4	52.2	78.4





#31
Cyclohexane
Concen: 4.017 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

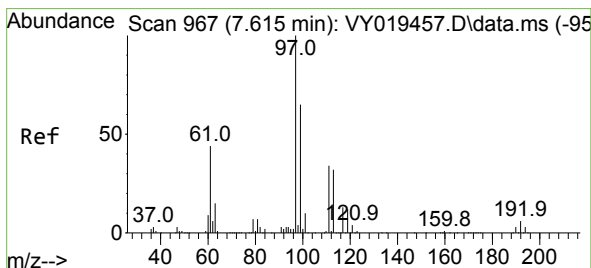
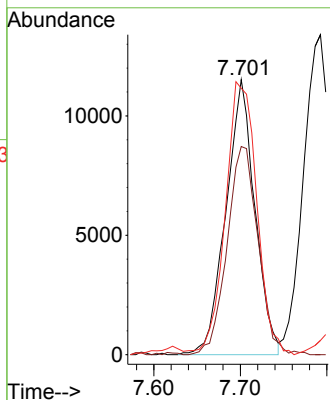
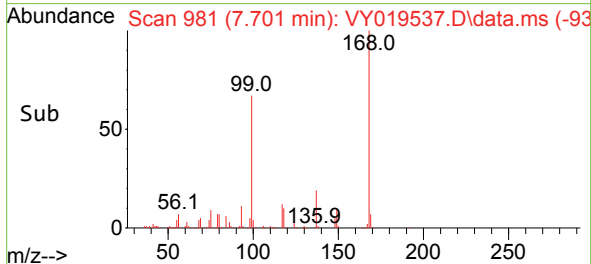
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



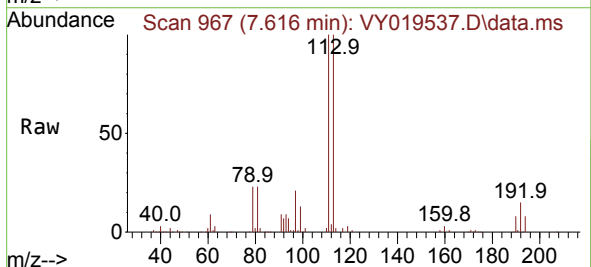
Tgt Ion: 56 Resp: 26770
Ion Ratio Lower Upper
56 100
69 75.1 28.7 43.1
84 94.8 77.7 116.5

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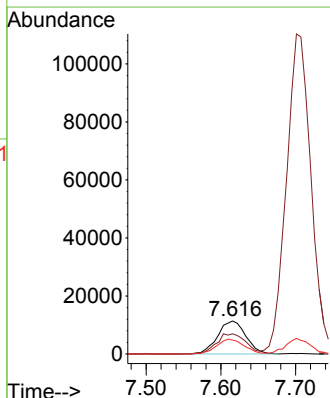
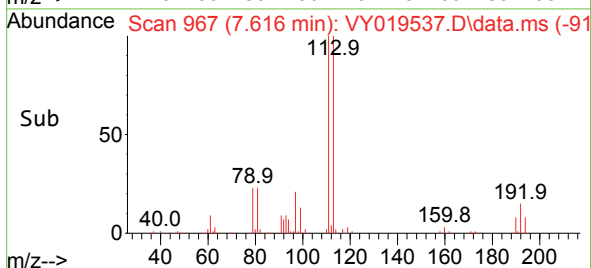
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

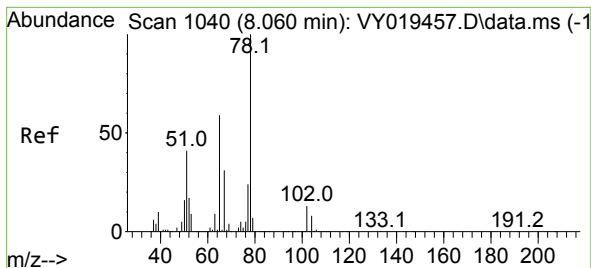


#32
1,1,1-Trichloroethane
Concen: 4.415 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40



Tgt Ion: 97 Resp: 29783
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 43.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 54.716 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 65 Resp: 203725

Ion Ratio Lower Upper

65 100

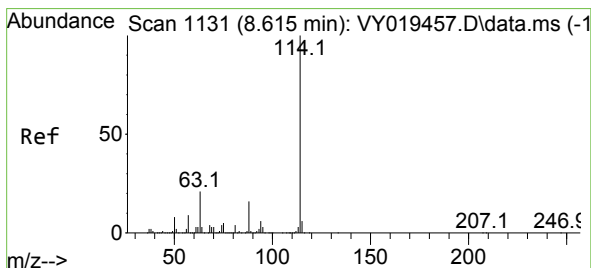
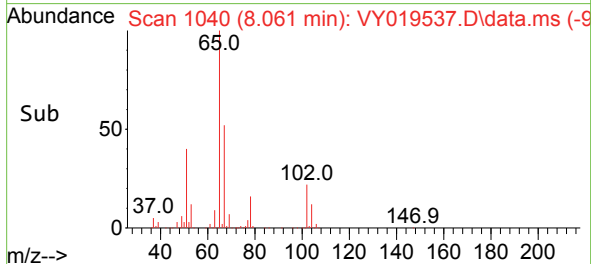
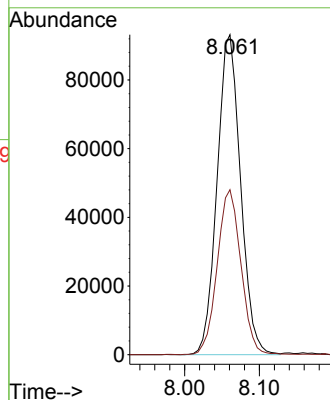
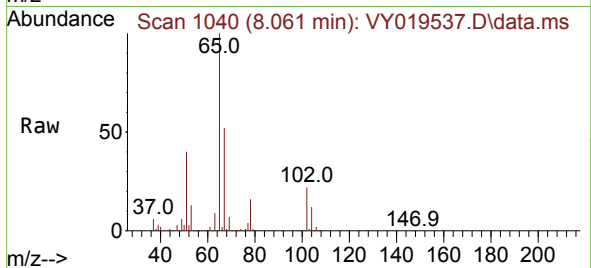
67 52.2 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

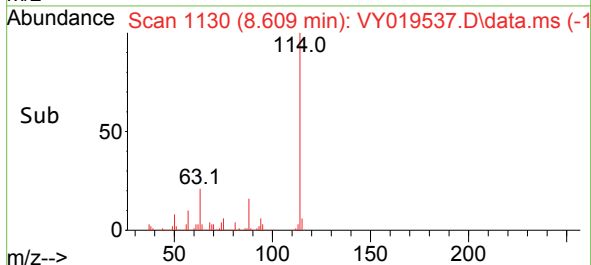
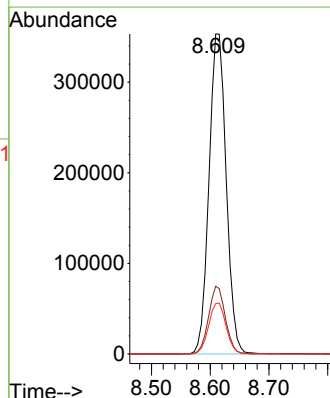
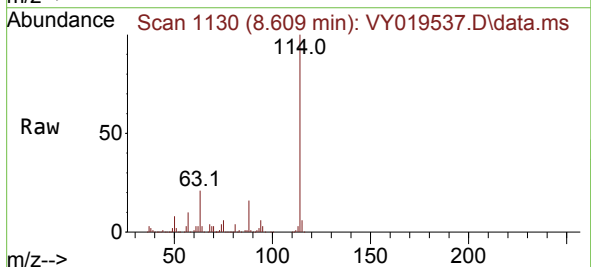
Tgt Ion:114 Resp: 718319

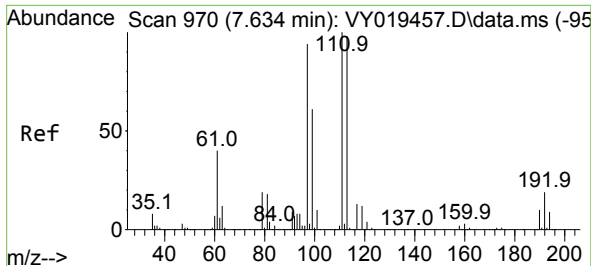
Ion Ratio Lower Upper

114 100

63 21.2 0.0 35.0

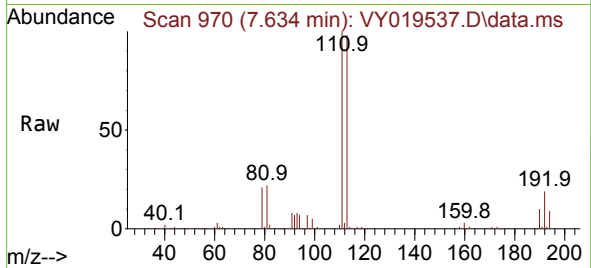
88 15.8 0.0 27.2





#35
Dibromofluoromethane
Concen: 50.103 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

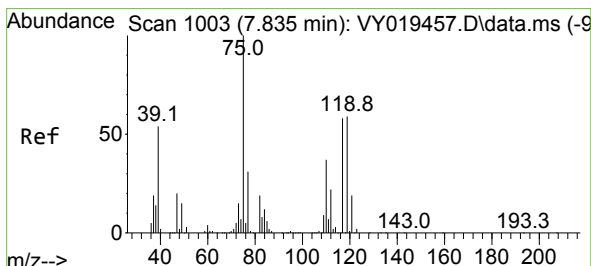
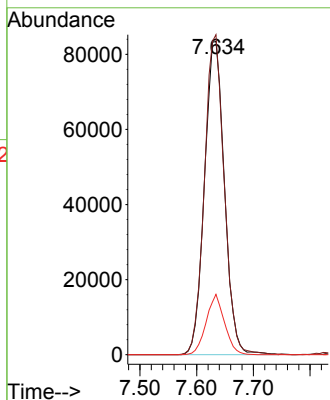
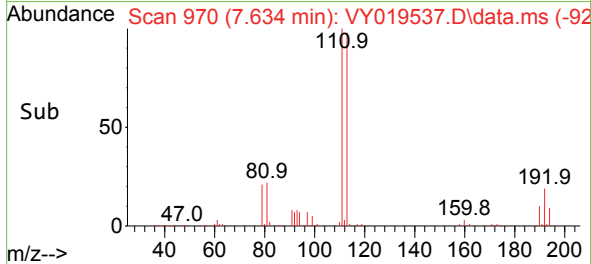
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



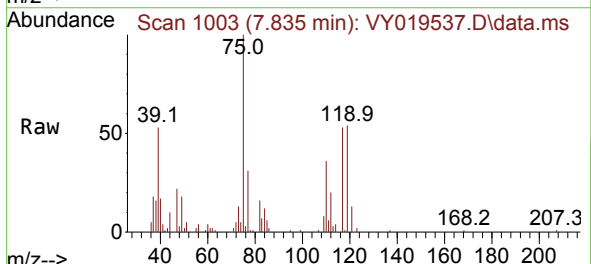
Tgt Ion: 113 Resp: 204058
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 17.7 15.9 23.9

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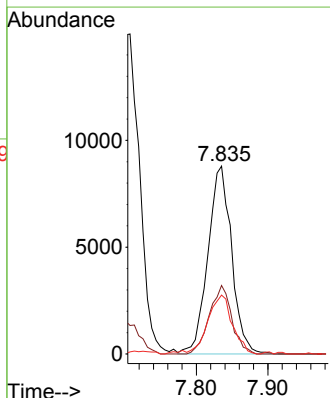
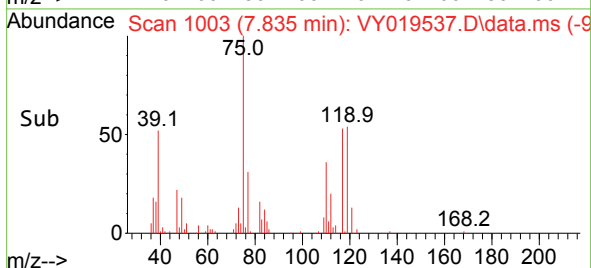
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

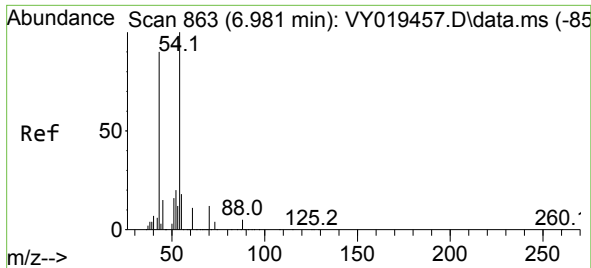


#36
1,1-Dichloropropene
Concen: 3.657 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40



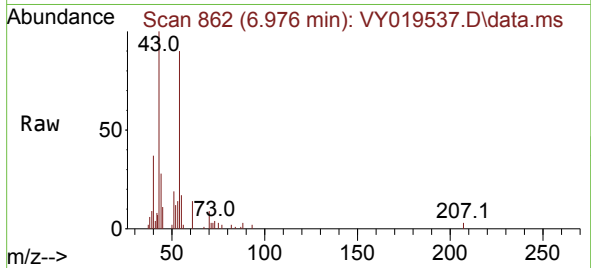
Tgt Ion: 75 Resp: 20264
Ion Ratio Lower Upper
75 100
110 34.6 19.0 57.0
77 33.0 25.3 37.9





#37
Ethyl Acetate
Concen: 4.300 ug/l
RT: 6.976 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

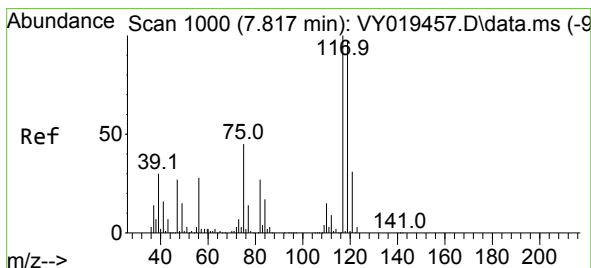
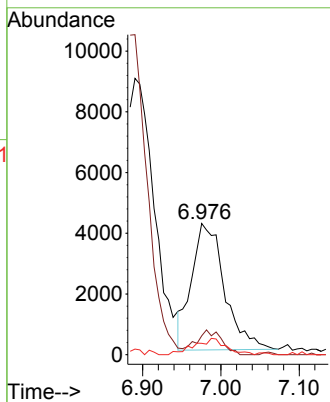
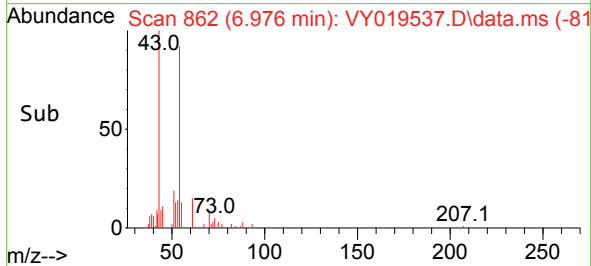
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 12210
Ion Ratio Lower Upper
43 100
61 14.9 12.6 19.0
70 12.3 7.8 11.8

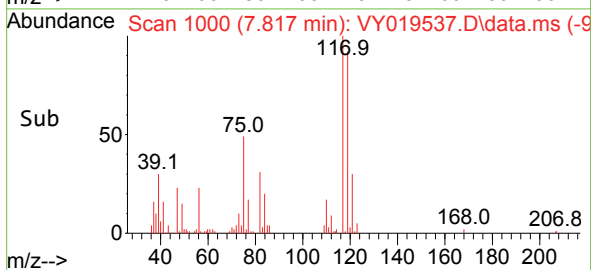
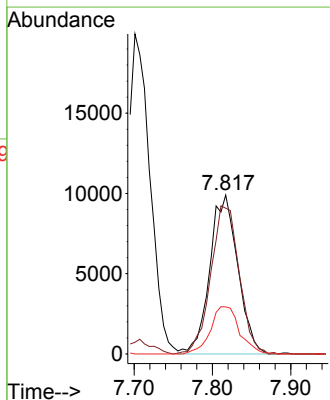
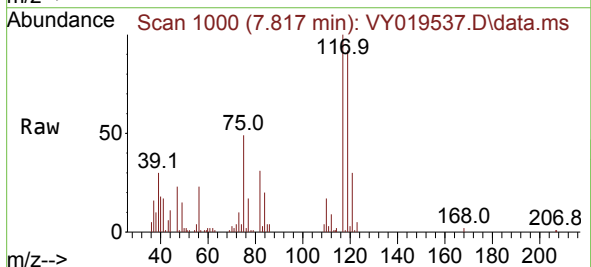
Manual Integrations
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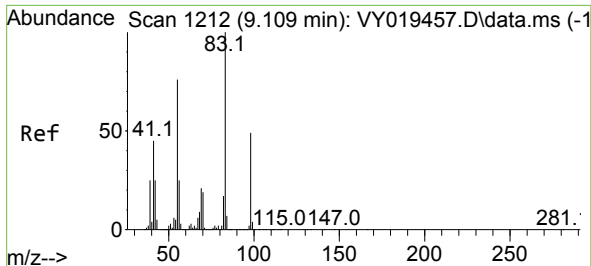
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#38
Carbon Tetrachloride
Concen: 3.944 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

Tgt Ion:117 Resp: 24648
Ion Ratio Lower Upper
117 100
119 91.7 75.8 113.6
121 29.5 24.0 36.0





#39

Methylcyclohexane

Concen: 2.838 ug/l

RT: 9.103 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY019537.D

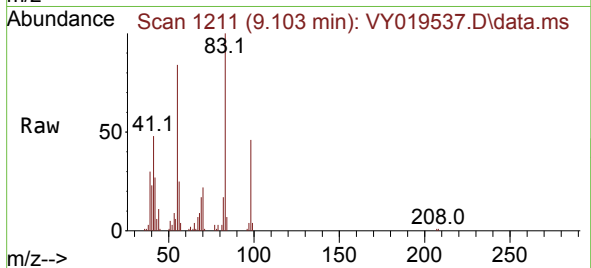
Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

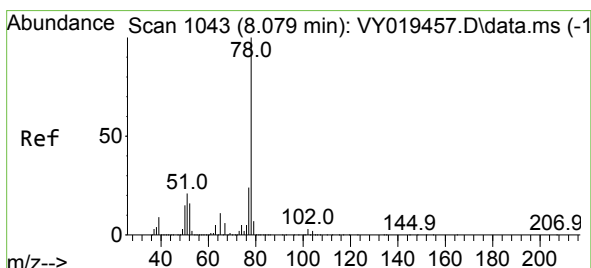
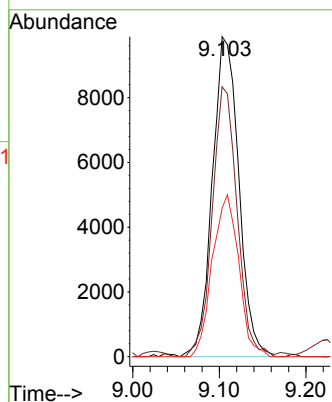


Tgt Ion:	83	Resp:	2093
Ion	Ratio	Lower	Upper
83	100		
55	84.3	51.5	77.3
98	46.4	40.5	60.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#40

Benzene

Concen: 3.910 ug/l

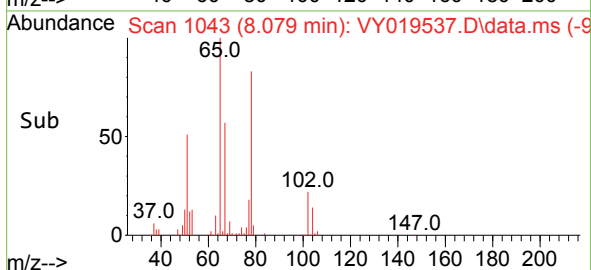
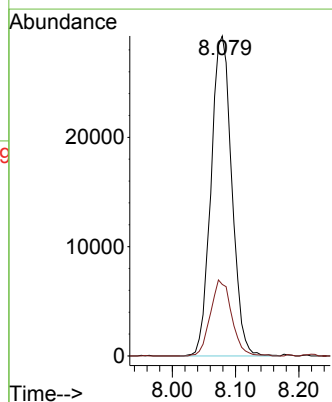
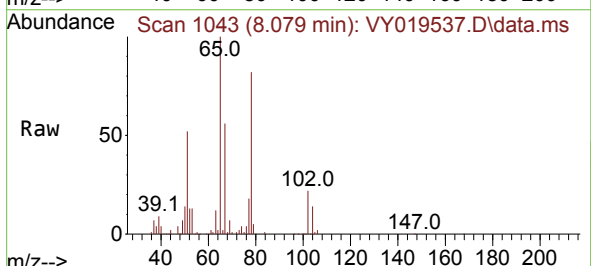
RT: 8.079 min Scan# 1043

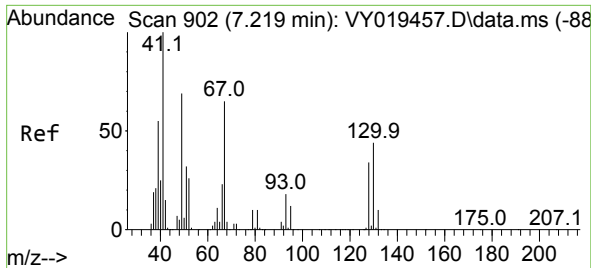
Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

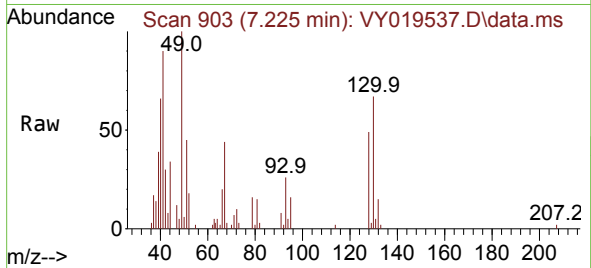
Tgt Ion:	78	Resp:	66744
Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.5	29.3





#41
Methacrylonitrile
Concen: 4.277 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

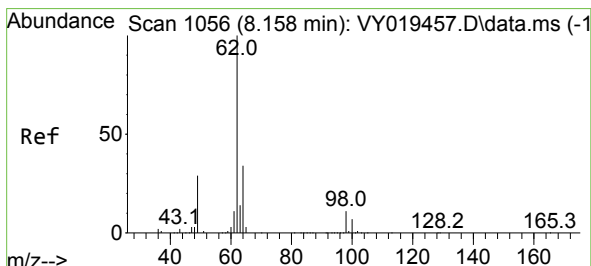
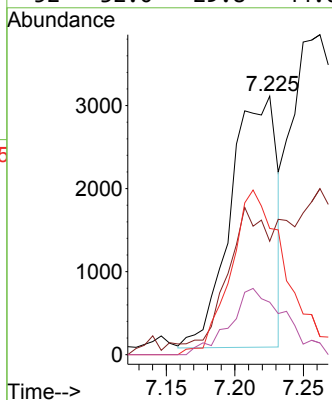
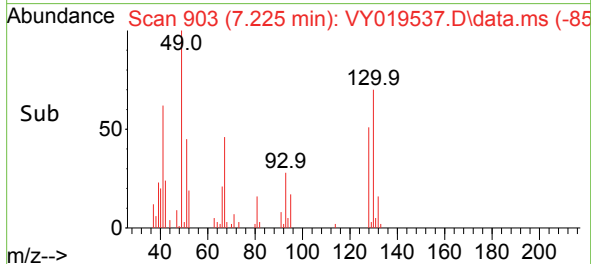
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 41 Resp: 7080
Ion Ratio Lower Upper
41 100
39 45.3 48.0 72.0
67 78.4 75.1 112.7
52 32.0 29.8 44.6

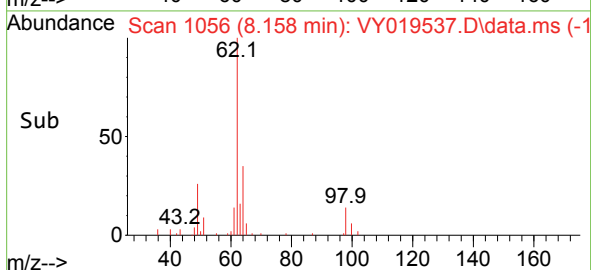
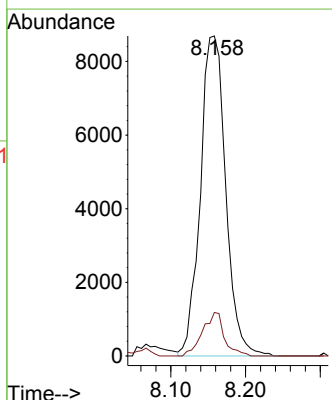
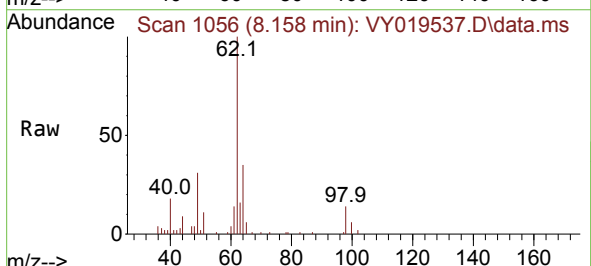
Manual Integrations
APPROVED

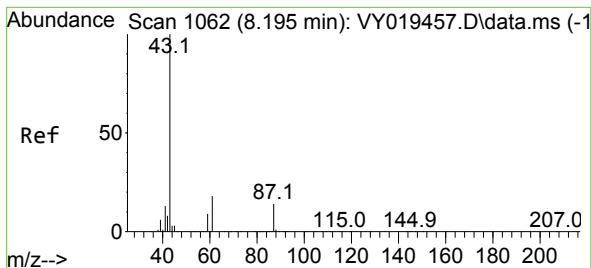
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#42
1,2-Dichloroethane
Concen: 4.469 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

Tgt Ion: 62 Resp: 20525
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.0





#43

Isopropyl Acetate

Concen: 4.203 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY019537.D

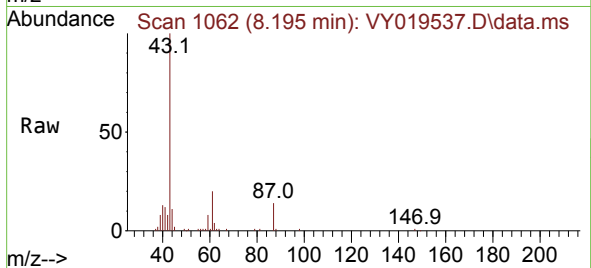
Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024



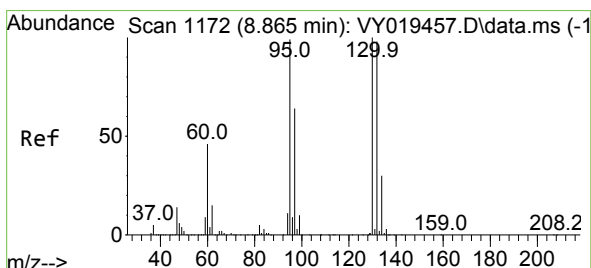
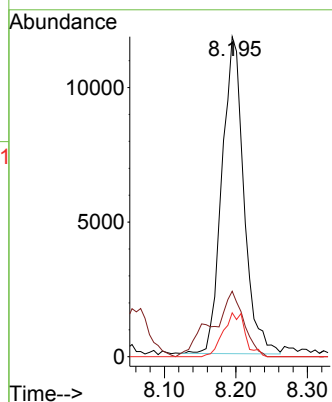
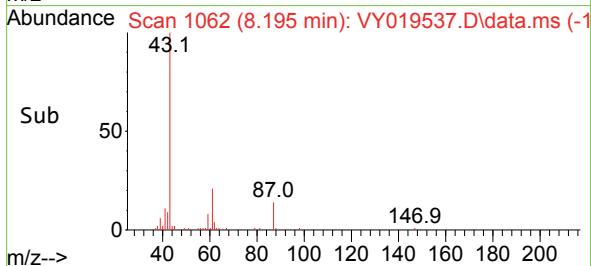
Tgt Ion:	43	Resp:	25070
Ion	Ratio	Lower	Upper
43	100		
61	18.3	27.9	41.9
87	13.9	13.1	19.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#44

Trichloroethene

Concen: 3.842 ug/l

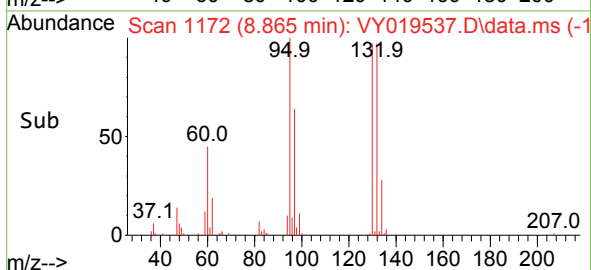
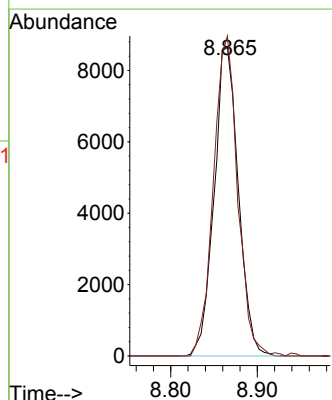
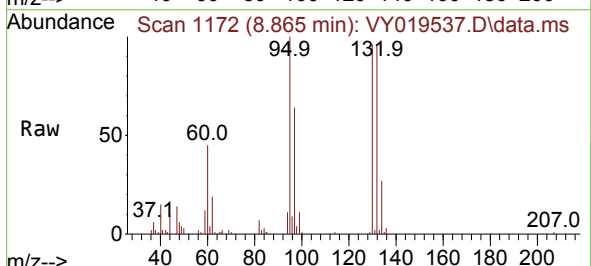
RT: 8.865 min Scan# 1172

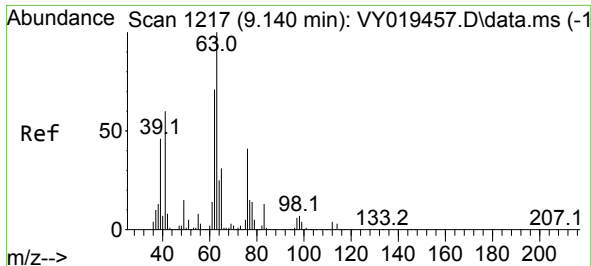
Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Tgt Ion:	130	Resp:	16864
Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	188.0





#45

1,2-Dichloropropane

Concen: 4.360 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 63 Resp: 1819

Ion Ratio Lower Upper

63 100

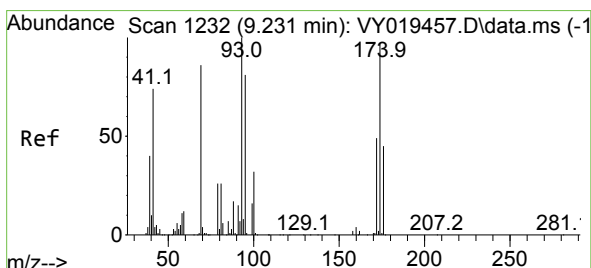
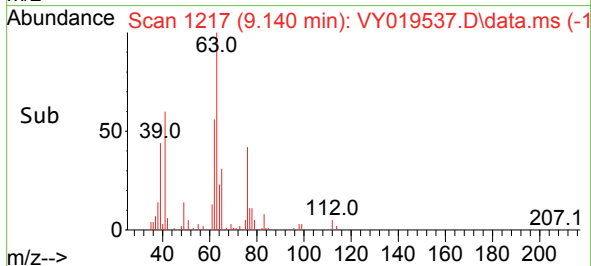
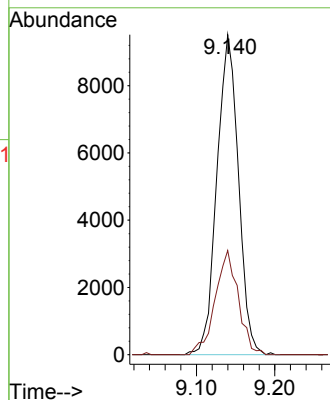
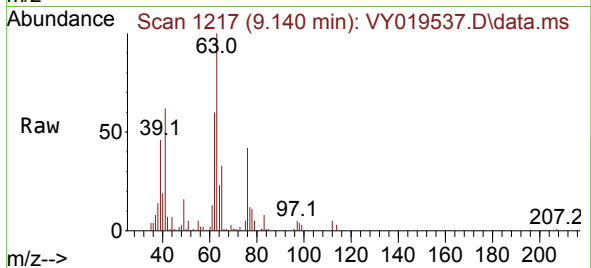
65 32.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#46

Dibromomethane

Concen: 4.300 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

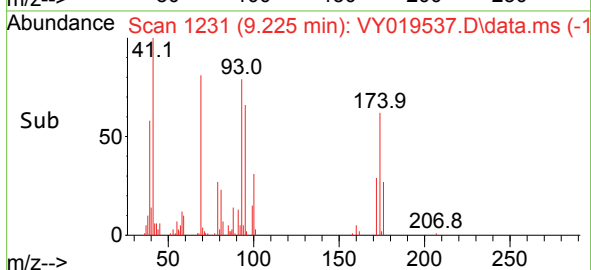
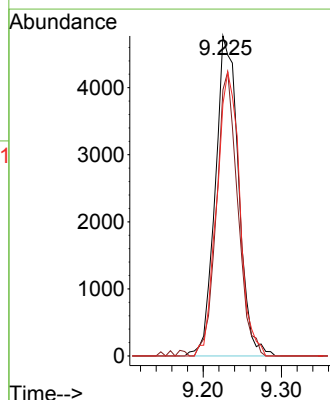
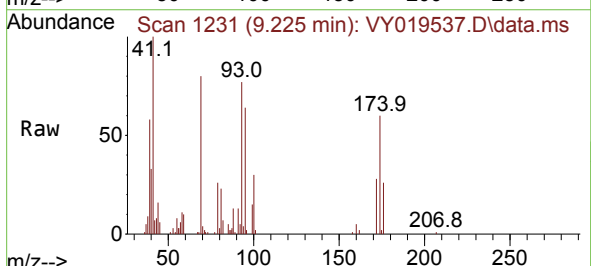
Tgt Ion: 93 Resp: 9813

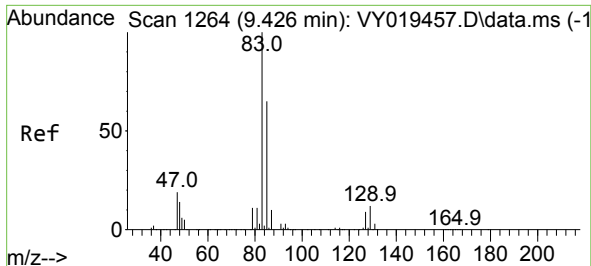
Ion Ratio Lower Upper

93 100

95 81.1 66.2 99.4

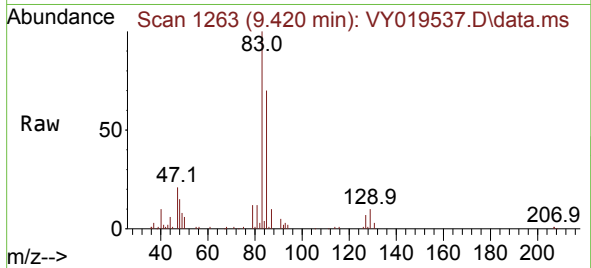
174 87.7 80.9 121.3





#47
Bromodichloromethane
Concen: 4.525 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

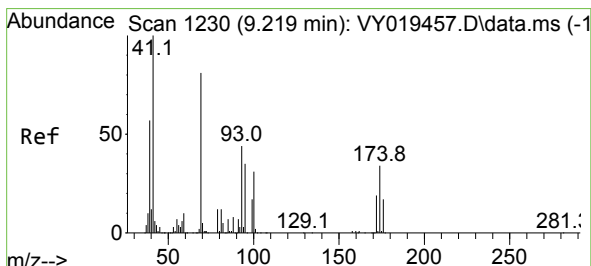
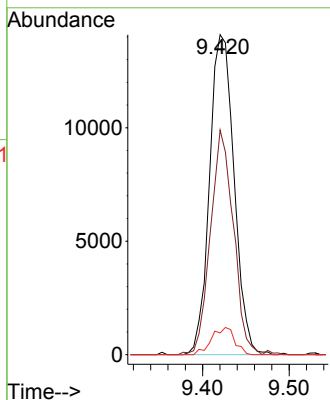
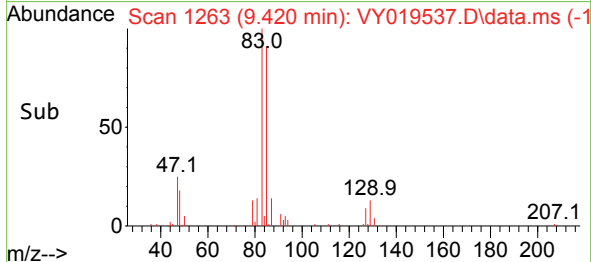
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



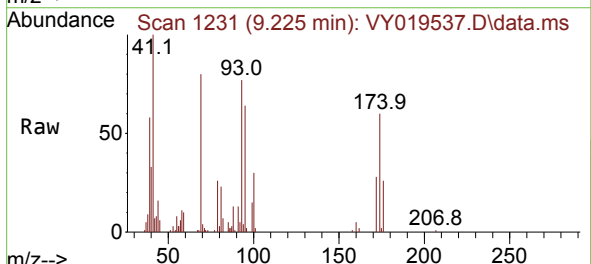
Tgt Ion: 83 Resp: 2775
Ion Ratio Lower Upper
83 100
85 70.2 50.1 75.1
127 6.8 7.4 11.0

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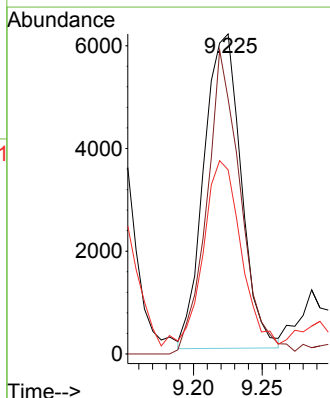
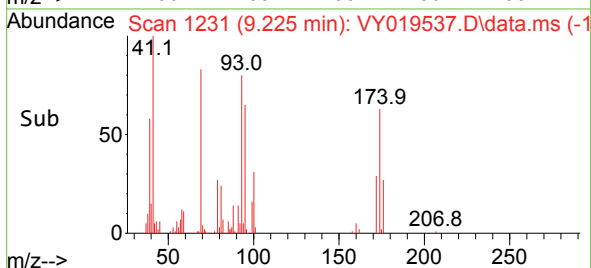
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

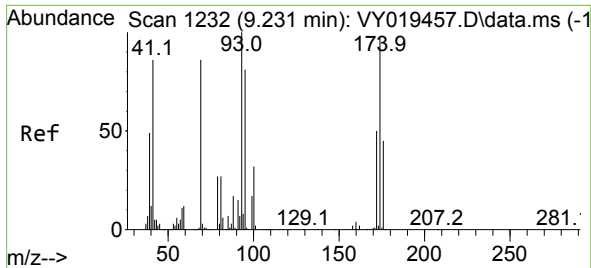


#48
Methyl methacrylate
Concen: 4.110 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40



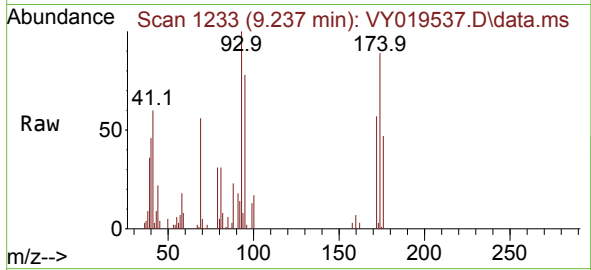
Tgt Ion: 41 Resp: 11577
Ion Ratio Lower Upper
41 100
69 87.6 84.1 126.1
39 62.9 43.6 65.4





#49
1,4-Dioxane
Concen: 86.584 ug/l
RT: 9.237 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

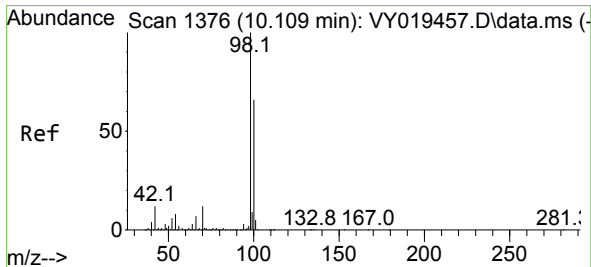
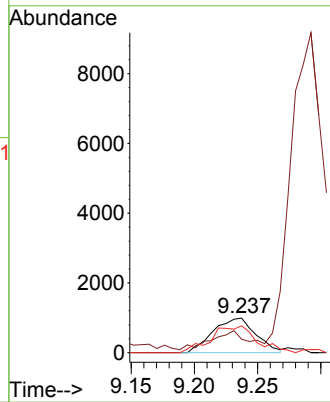
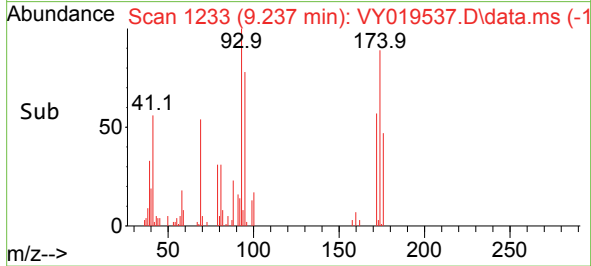
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 88 Resp: 2320
Ion Ratio Lower Upper
88 100
43 40.0 0.0 0.0
58 82.1 49.3 73.9

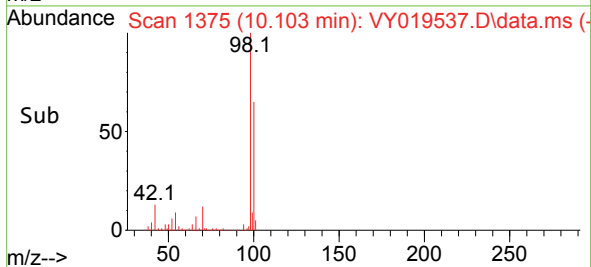
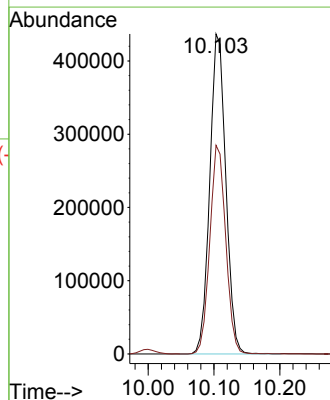
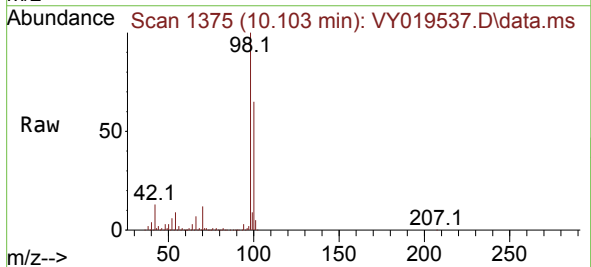
Manual Integrations
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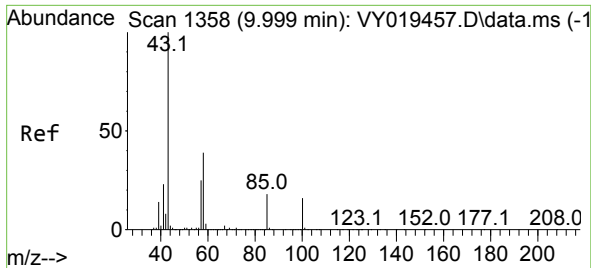
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#50
Toluene-d8
Concen: 49.251 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

Tgt Ion: 98 Resp: 741927
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





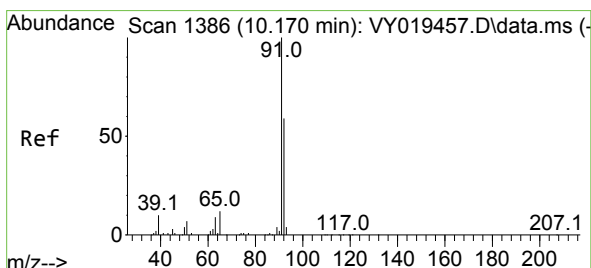
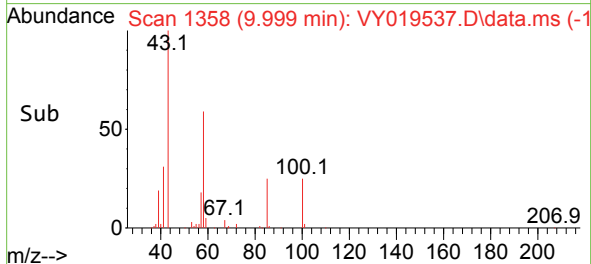
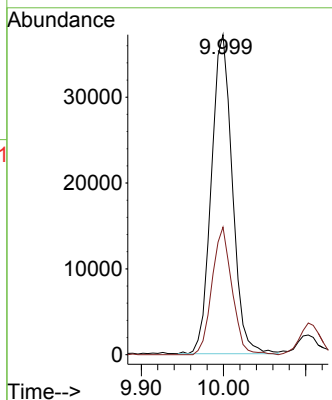
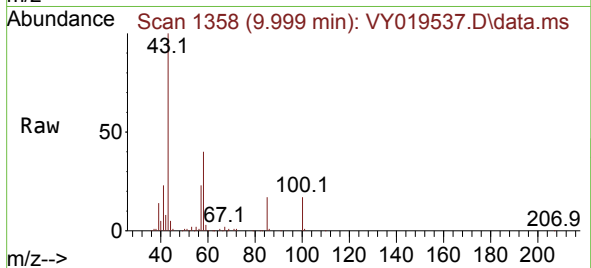
#51
4-Methyl-2-Pentanone
Concen: 21.949 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

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

Tgt Ion: 43 Resp: 65874
Ion Ratio Lower Upper
43 100
58 38.1 35.7 53.5

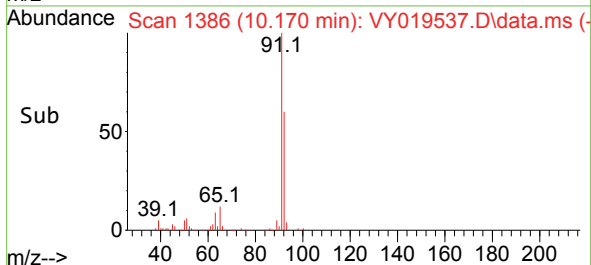
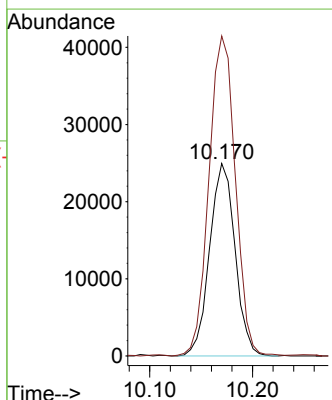
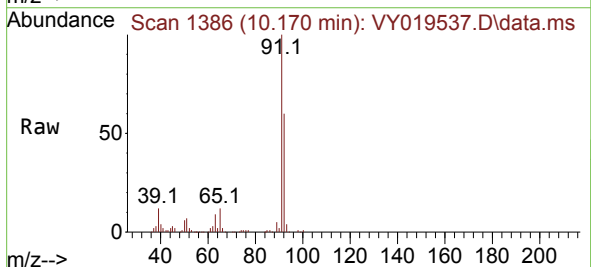
Manual Integrations
APPROVED

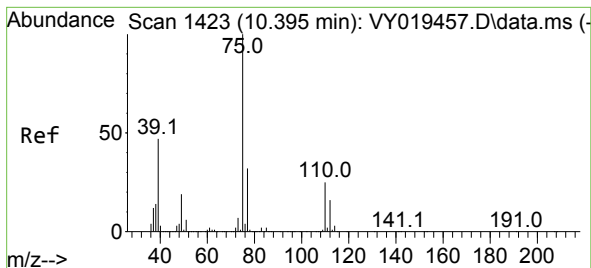
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#52
Toluene
Concen: 3.903 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

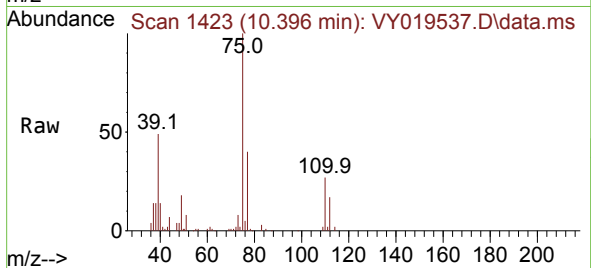
Tgt Ion: 92 Resp: 42848
Ion Ratio Lower Upper
92 100
91 172.8 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 4.005 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

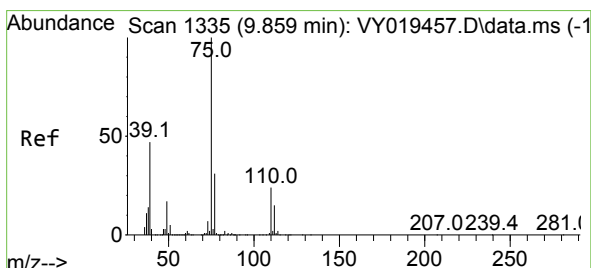
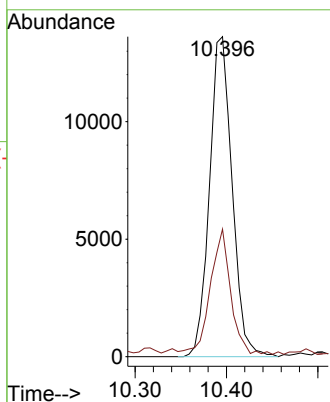
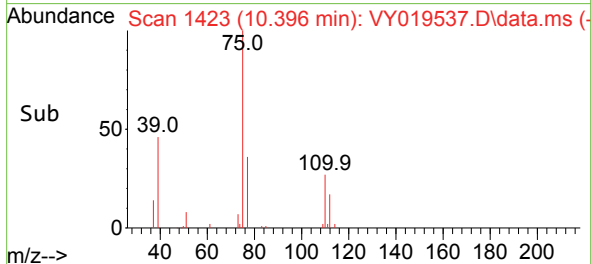
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



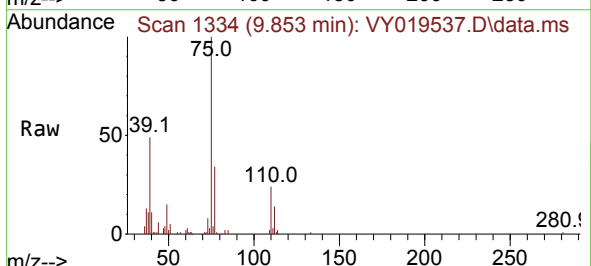
Tgt Ion: 75 Resp: 23418
Ion Ratio Lower Upper
75 100
77 38.3 24.1 36.1

Manual Integrations
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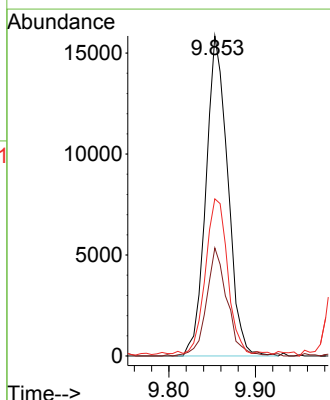
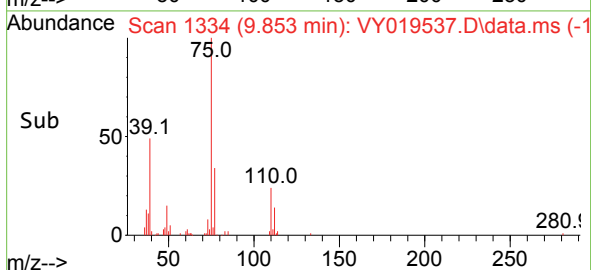
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

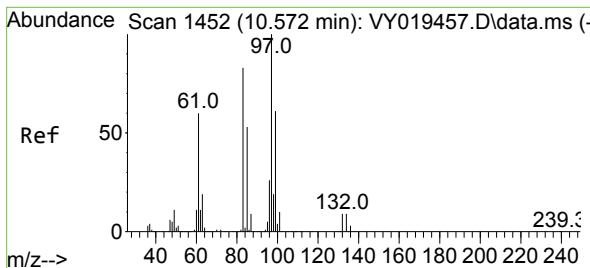


#54
cis-1,3-Dichloropropene
Concen: 4.079 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40



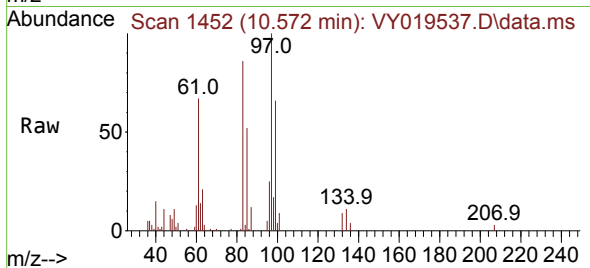
Tgt Ion: 75 Resp: 27773
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0
39 47.7 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 4.512 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

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

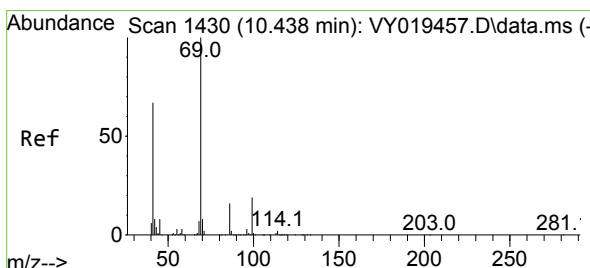
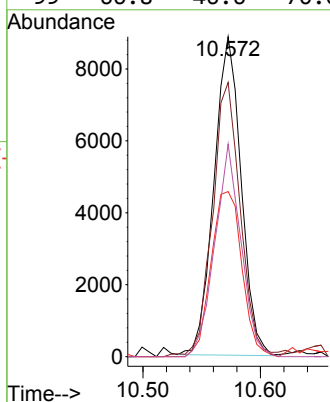
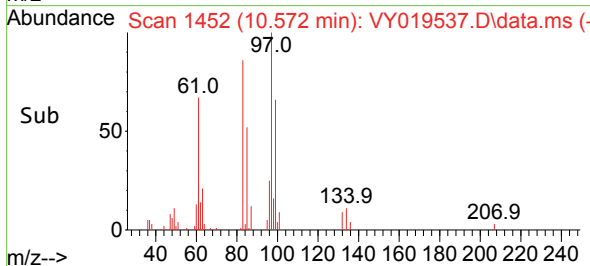


Tgt Ion: 97 Resp: 14218

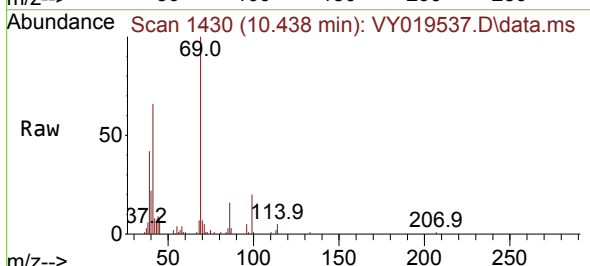
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.5	101.3
85	52.0	42.9	64.3
99	66.8	46.6	70.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

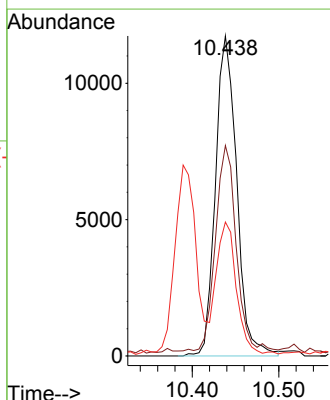
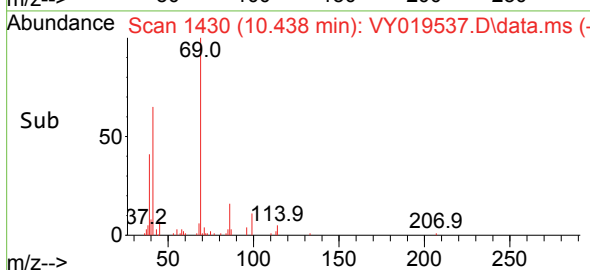


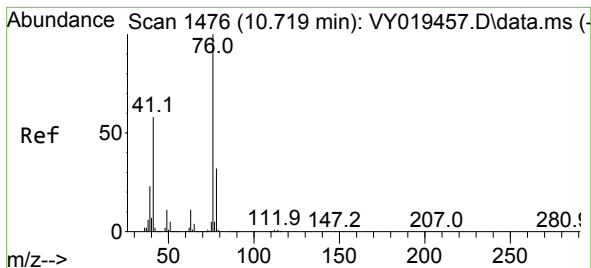
#56
Ethyl methacrylate
Concen: 4.179 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40



Tgt Ion: 69 Resp: 20004

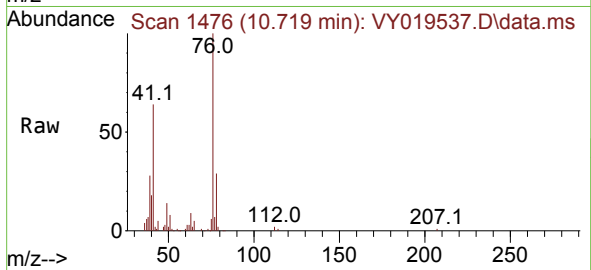
Ion	Ratio	Lower	Upper
69	100		
41	63.0	42.3	63.5
39	38.2	22.9	34.3





#57
1,3-Dichloropropane
Concen: 4.413 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

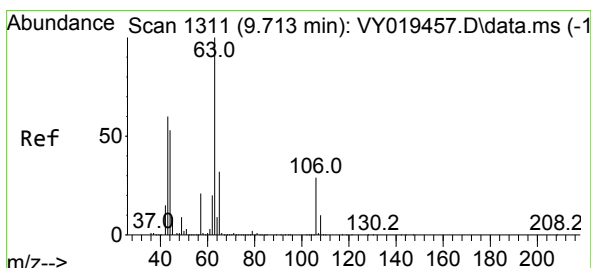
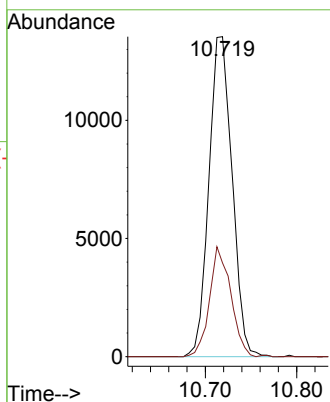
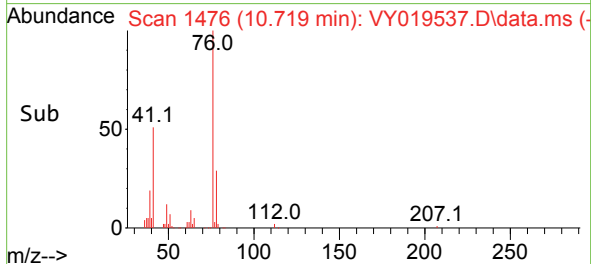
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 76 Resp: 2390
Ion Ratio Lower Upper
76 100
78 31.5 26.2 39.4

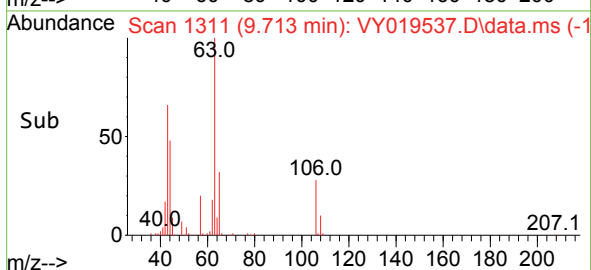
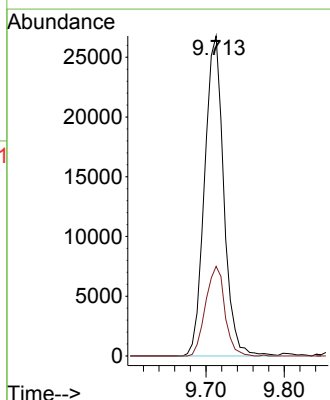
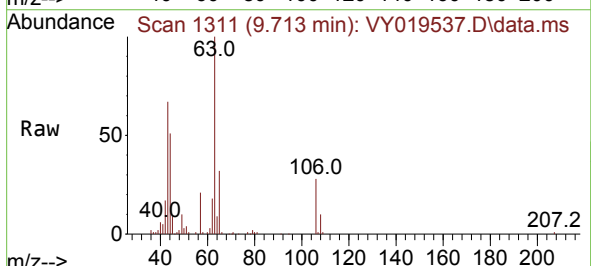
Manual Integrations
APPROVED

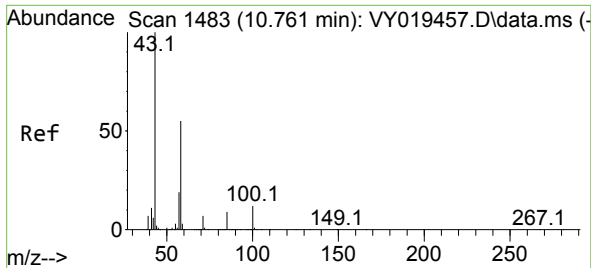
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 20.429 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

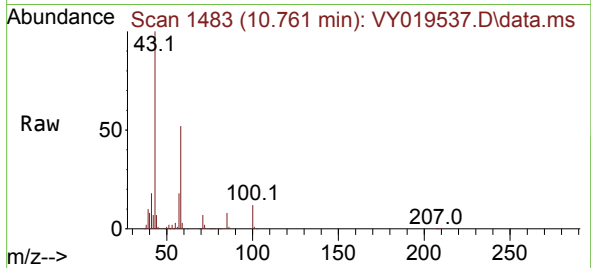
Tgt Ion: 63 Resp: 45390
Ion Ratio Lower Upper
63 100
106 28.1 23.7 35.5





#59
2-Hexanone
Concen: 19.400 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

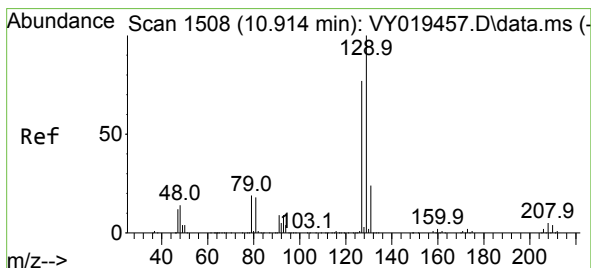
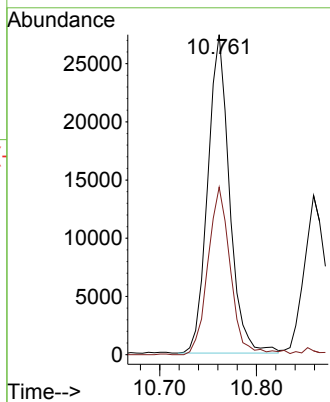
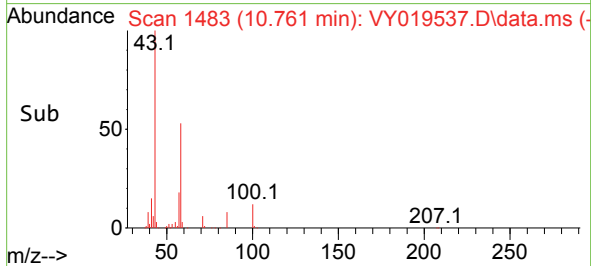
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 42685
Ion Ratio Lower Upper
43 100
58 54.7 31.4 94.0

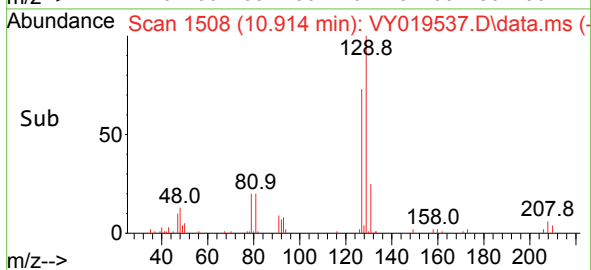
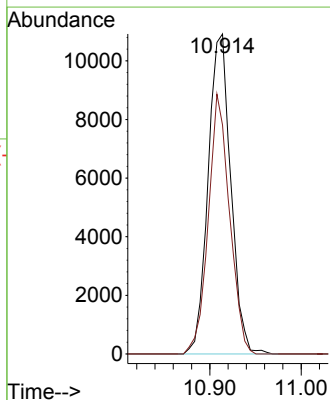
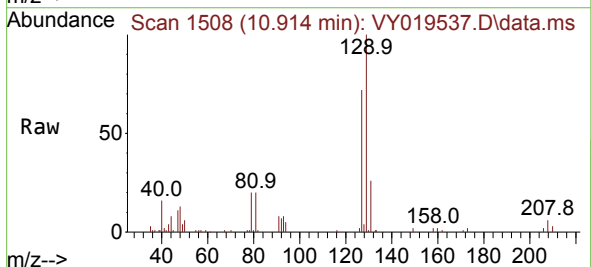
Manual Integrations
APPROVED

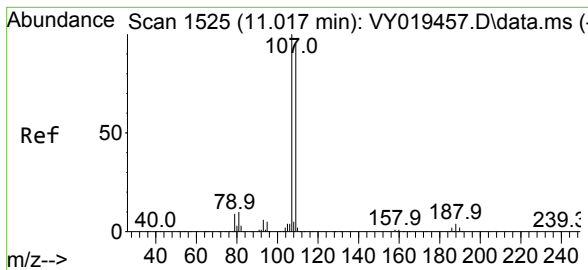
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#60
Dibromochloromethane
Concen: 4.506 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

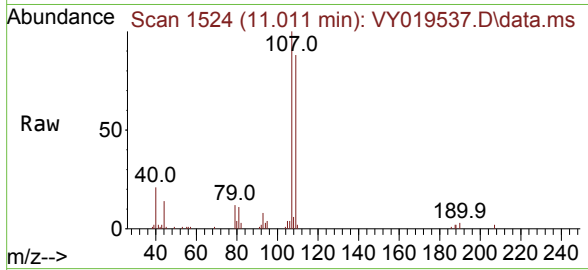
Tgt Ion:129 Resp: 18782
Ion Ratio Lower Upper
129 100
127 76.1 39.0 117.0





#61
1,2-Dibromoethane
Concen: 4.238 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

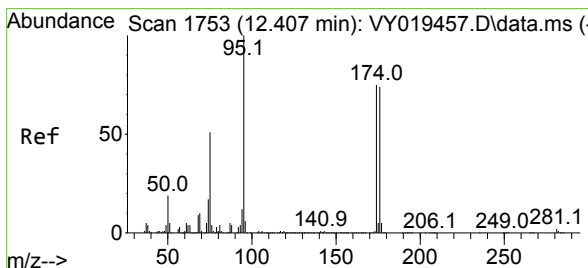
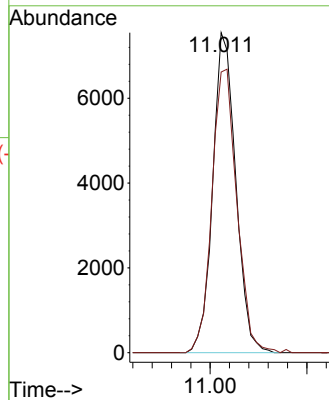
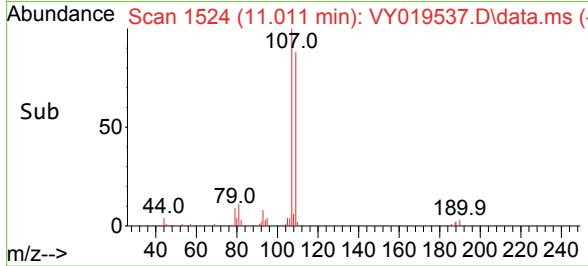
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:107 Resp: 1244
Ion Ratio Lower Upper
107 100
109 96.5 75.9 113.9

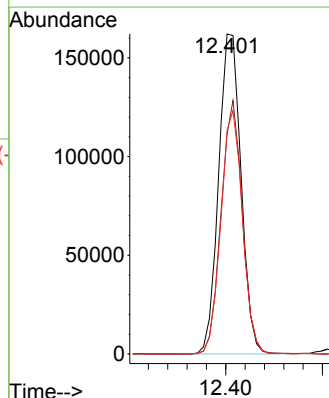
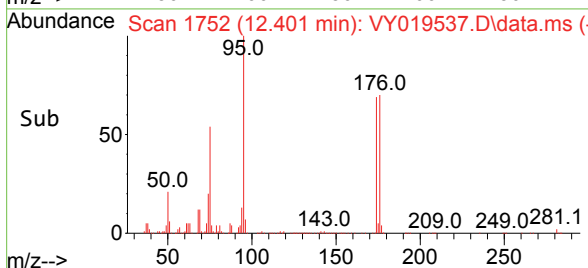
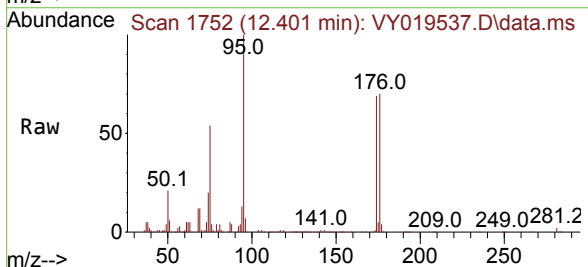
Manual Integrations
APPROVED

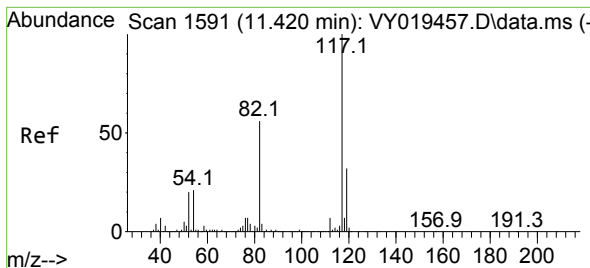
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#62
4-Bromofluorobenzene
Concen: 44.984 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

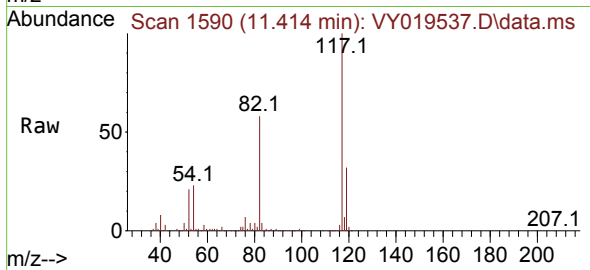
Tgt Ion: 95 Resp: 260557
Ion Ratio Lower Upper
95 100
174 75.0 0.0 175.6
176 73.5 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

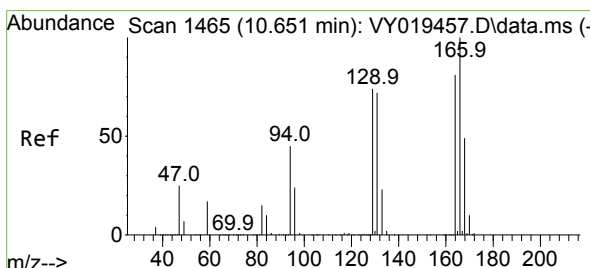
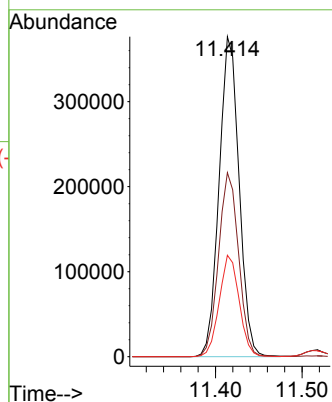
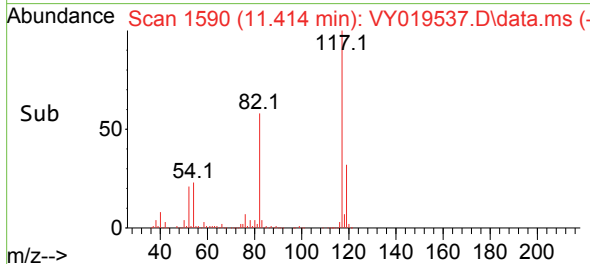
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:117 Resp: 602560
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 31.7 25.9 38.9

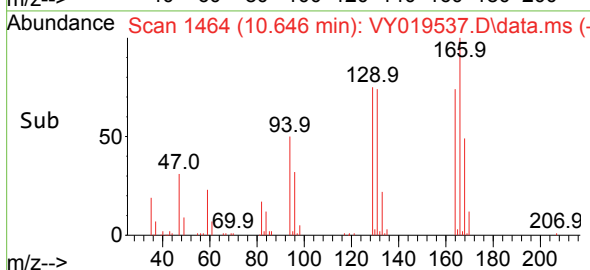
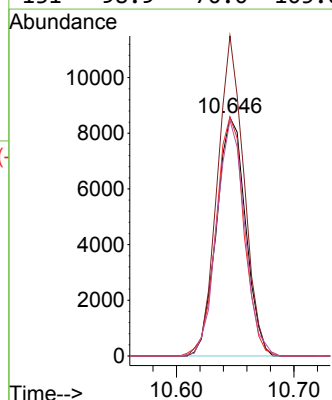
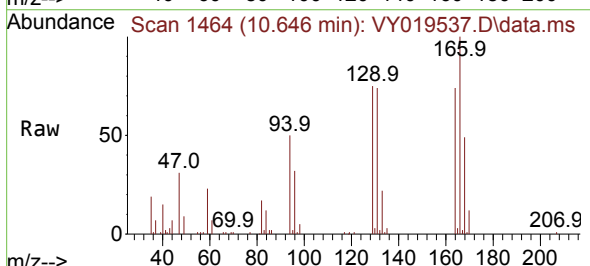
Manual Integrations
APPROVED

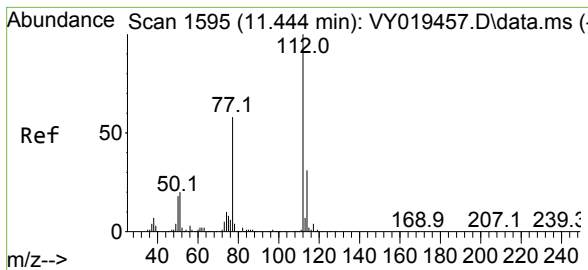
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#64
Tetrachloroethene
Concen: 3.939 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

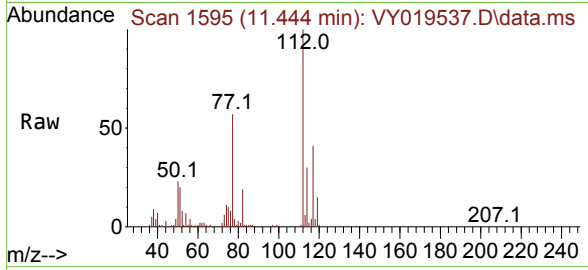
Tgt Ion:164 Resp: 14697
Ion Ratio Lower Upper
164 100
166 134.3 102.6 154.0
129 100.4 72.0 108.0
131 98.9 70.0 105.0





#65
Chlorobenzene
Concen: 4.382 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

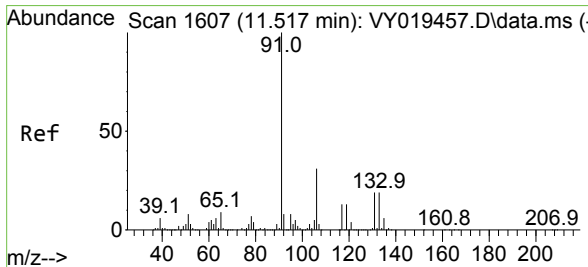
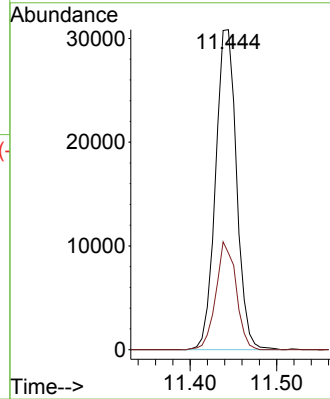
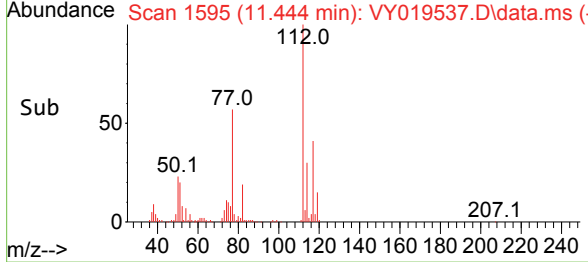
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



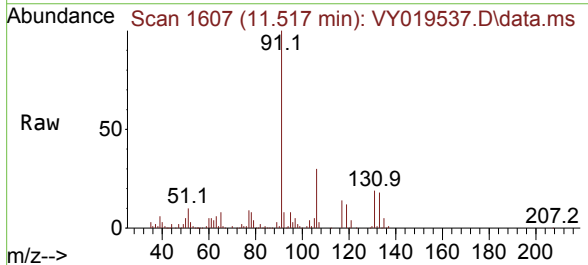
Tgt Ion:112 Resp: 51930
Ion Ratio Lower Upper
112 100
114 30.2 26.4 39.6

Manual Integrations
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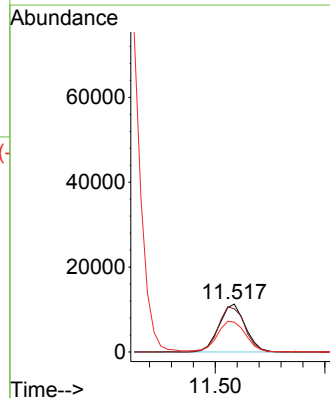
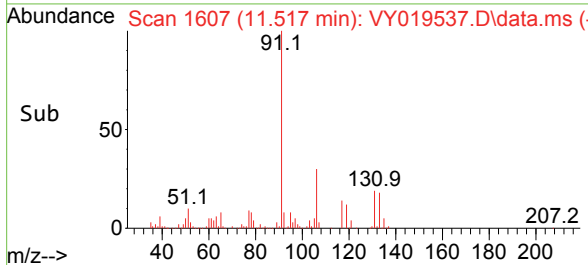
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

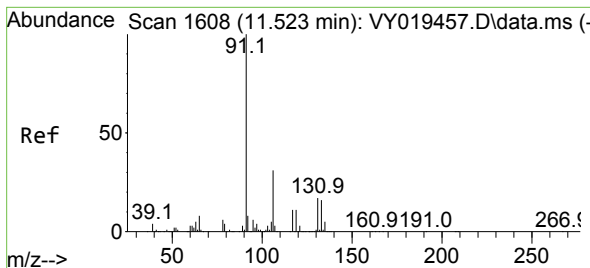


#66
1,1,1,2-Tetrachloroethane
Concen: 4.547 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40



Tgt Ion:131 Resp: 18662
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.3
119 70.3 34.1 102.2





#67

Ethyl Benzene

Concen: 4.215 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 91 Resp: 88774

Ion Ratio Lower Upper

91 100

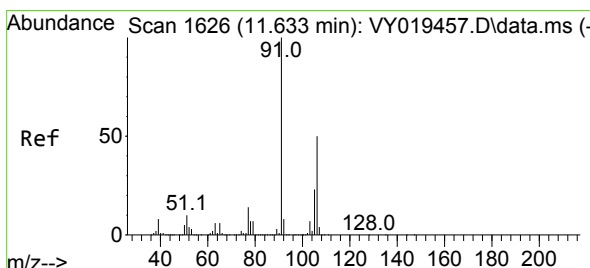
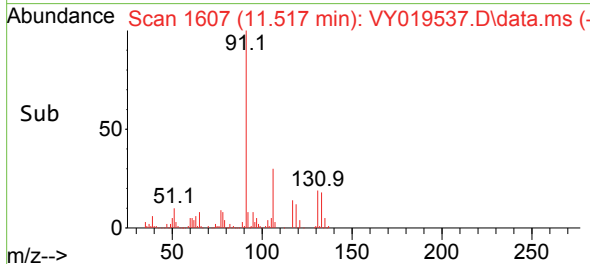
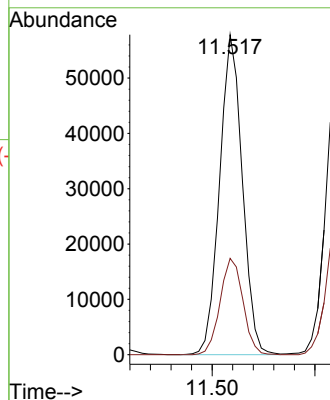
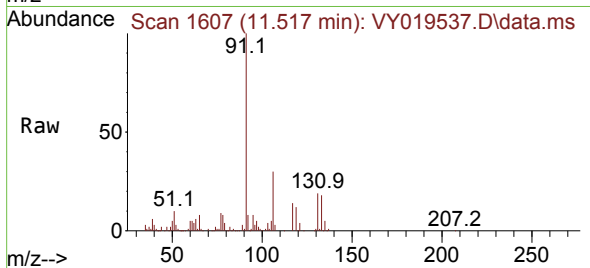
106 30.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#68

m/p-Xylenes

Concen: 8.104 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019537.D

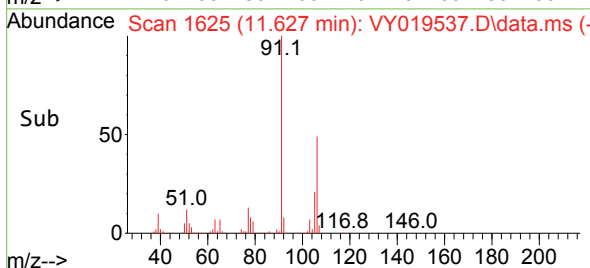
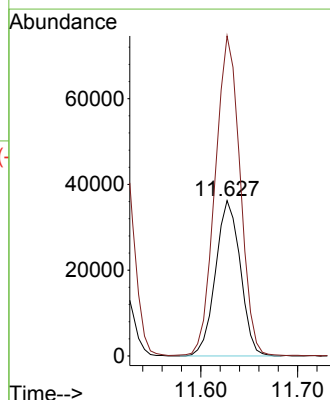
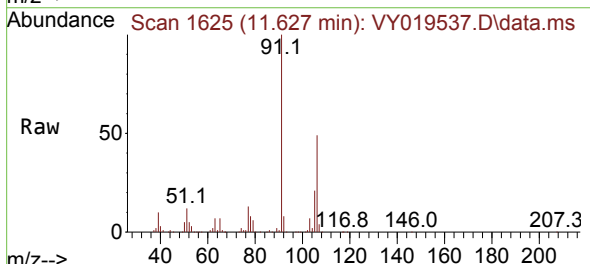
Acq: 13 Sep 2024 13:40

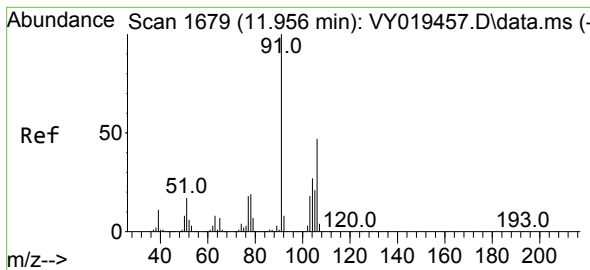
Tgt Ion:106 Resp: 64536

Ion Ratio Lower Upper

106 100

91 207.9 156.0 234.0





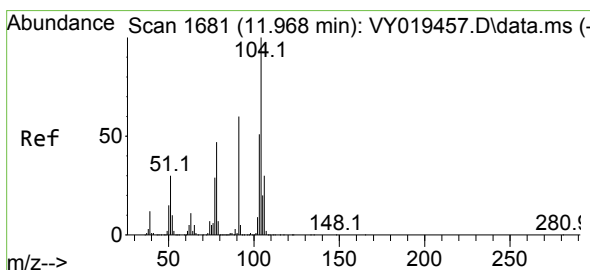
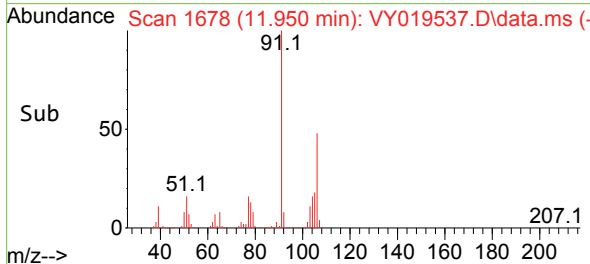
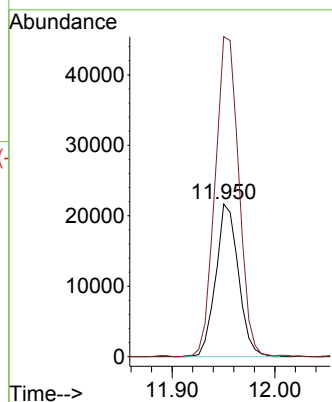
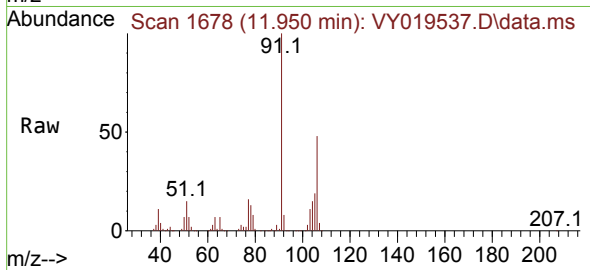
#69
o-Xylene
Concen: 4.250 ug/l
RT: 11.950 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

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

Tgt Ion:106 Resp: 3310
Ion Ratio Lower Upper
106 100
91 220.4 103.6 310.8

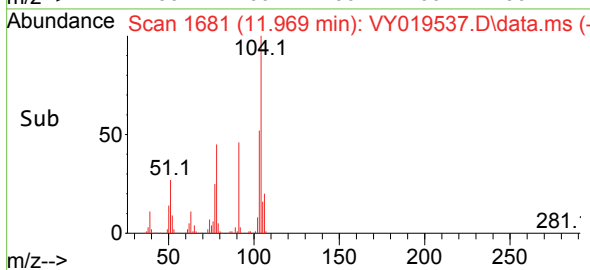
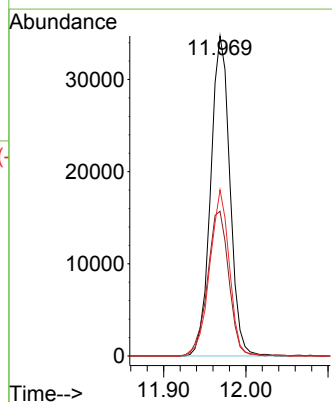
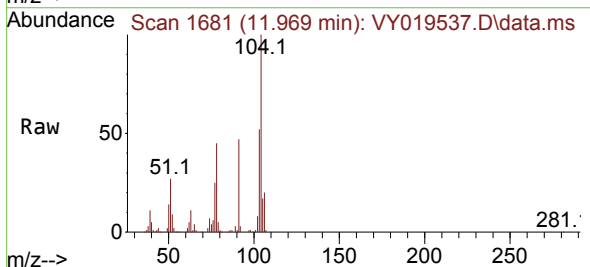
Manual Integrations
APPROVED

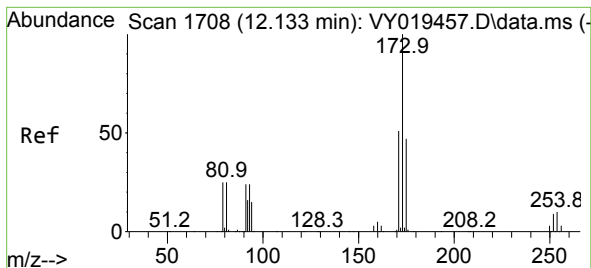
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#70
Styrene
Concen: 4.297 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

Tgt Ion:104 Resp: 56506
Ion Ratio Lower Upper
104 100
78 50.2 37.0 55.4
103 52.8 44.2 66.2





#71

Bromoform

Concen: 4.397 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

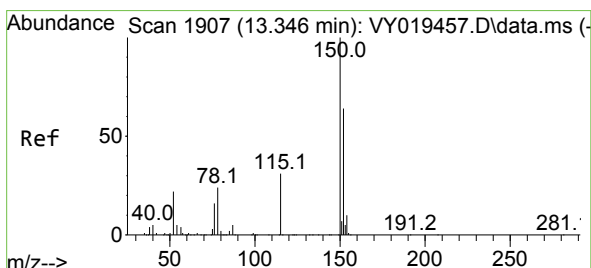
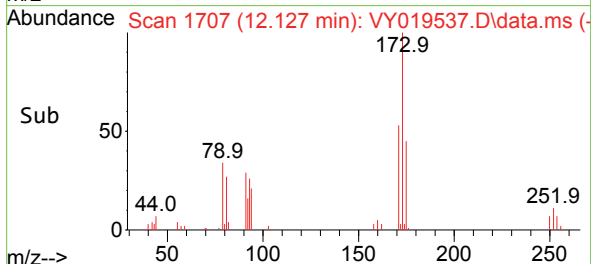
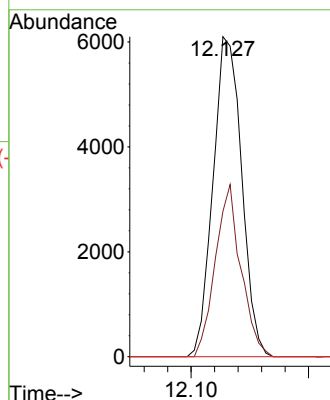
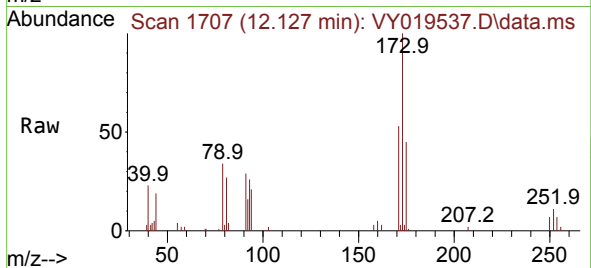
MDL-SOIL-03-QT3-2024

Tgt Ion:173	Resp:	1030
Ion Ratio	Lower	Upper
173	100	
175	48.2	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

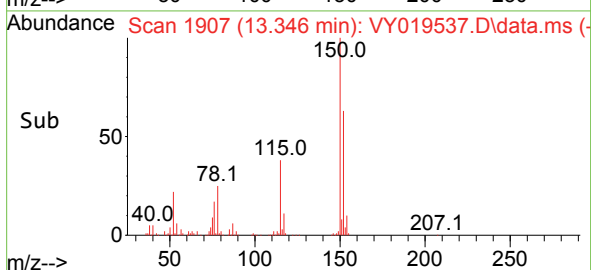
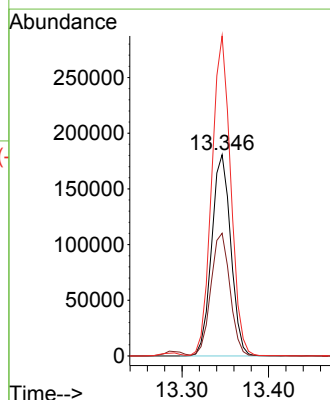
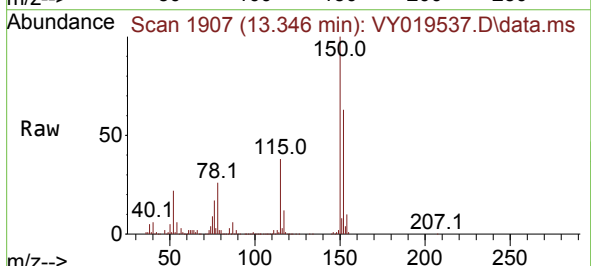
RT: 13.346 min Scan# 1907

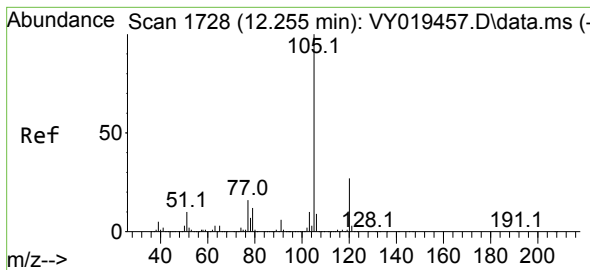
Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Tgt Ion:152	Resp:	277332
Ion Ratio	Lower	Upper
152	100	
115	61.1	28.2 84.7
150	157.6	0.0 345.6





#73

Isopropylbenzene

Concen: 4.365 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

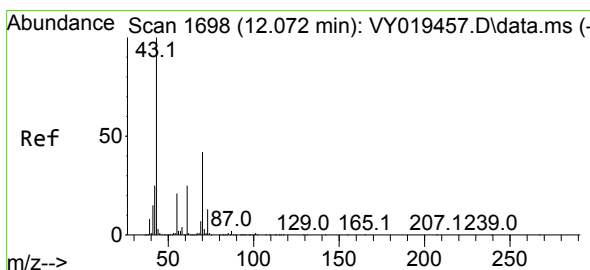
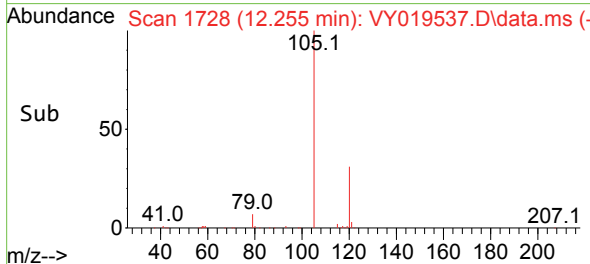
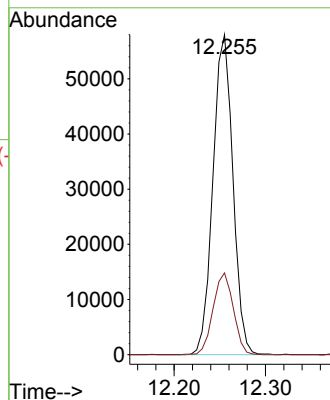
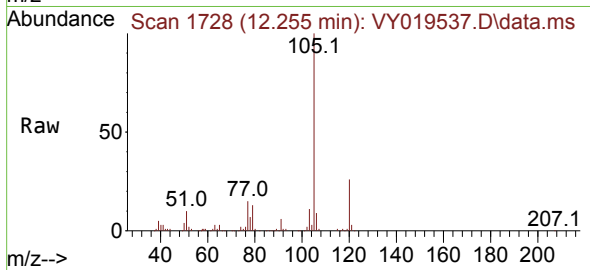
MDL-SOIL-03-QT3-2024

Tgt Ion:105 Resp: 87825
 Ion Ratio Lower Upper
 105 100
 120 25.9 13.4 40.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/16/2024
 Supervised By :Mahesh Dadoda 09/16/2024



#74

N-ethyl acetate

Concen: 4.117 ug/l

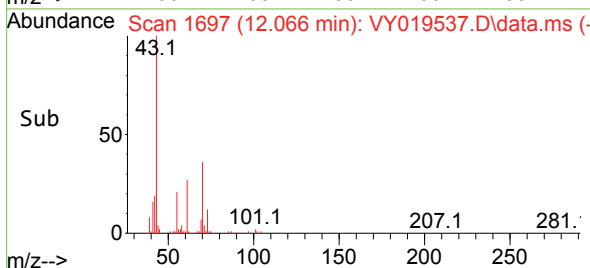
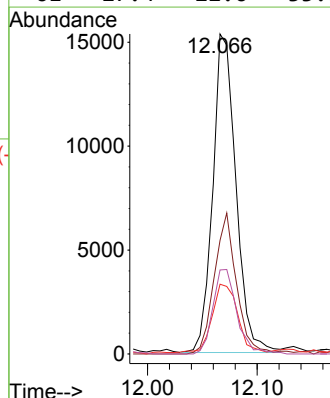
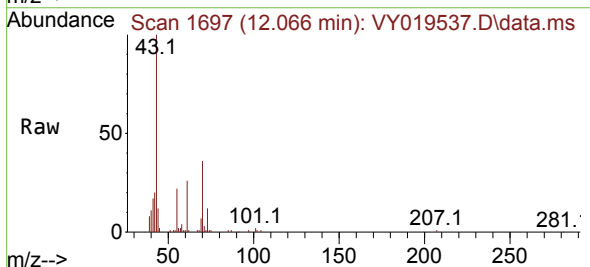
RT: 12.066 min Scan# 1697

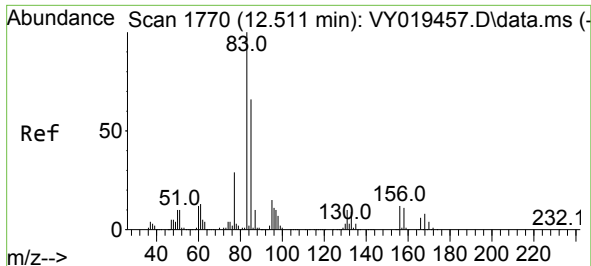
Delta R.T. -0.006 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

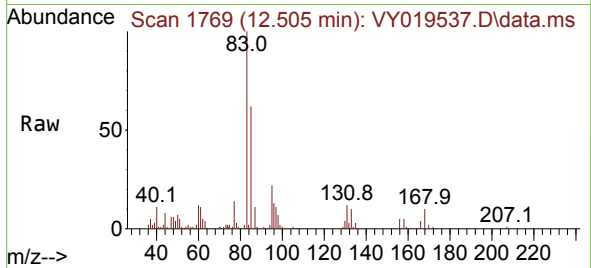
Tgt Ion: 43 Resp: 22525
 Ion Ratio Lower Upper
 43 100
 70 43.2 41.4 62.2
 55 23.4 23.3 34.9
 61 27.4 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 4.814 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

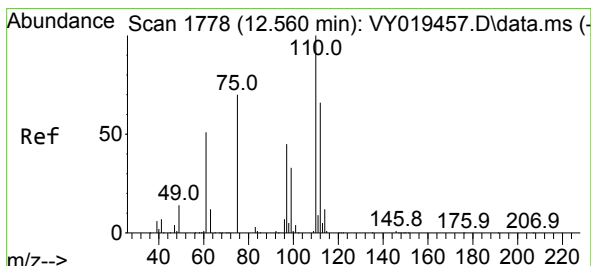
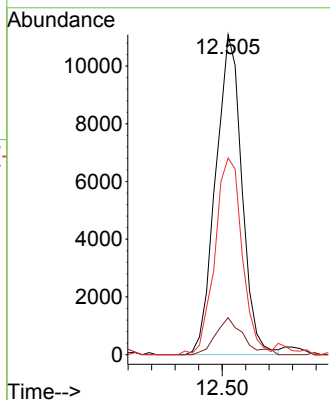
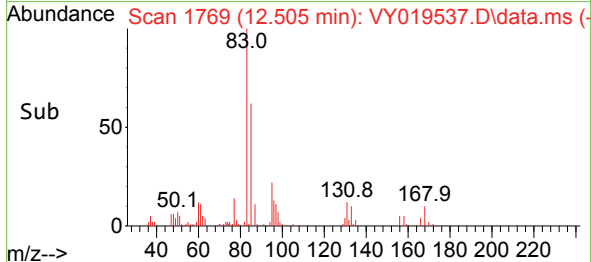
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 83 Resp: 1719
Ion Ratio Lower Upper
83 100
131 12.2 5.0 14.9
85 64.0 32.0 96.0

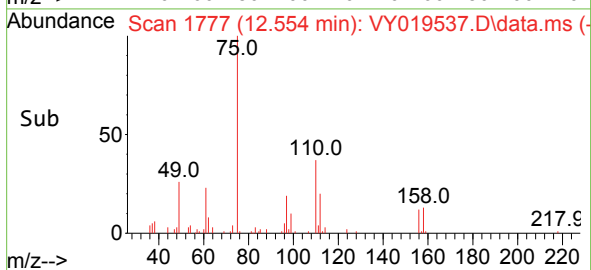
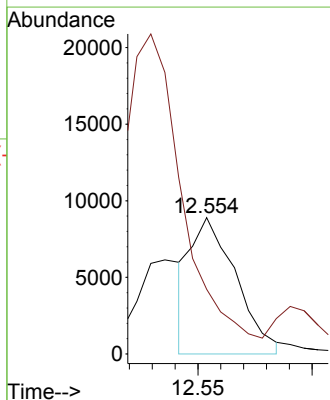
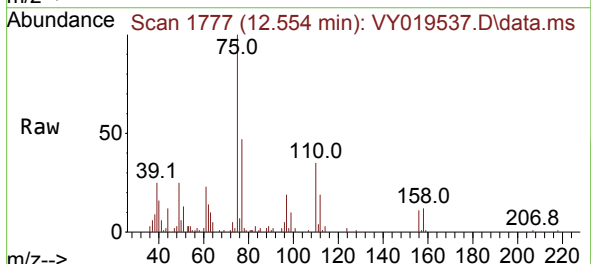
Manual Integrations
APPROVED

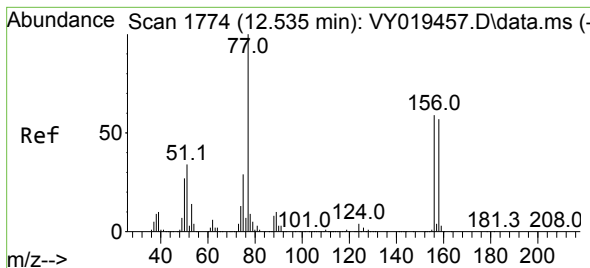
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#76
1,2,3-Trichloropropane
Concen: 4.713 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

Tgt Ion: 75 Resp: 12250
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.361 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

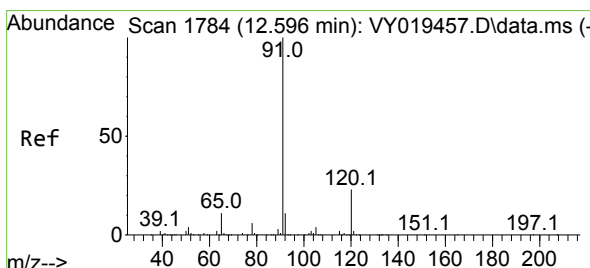
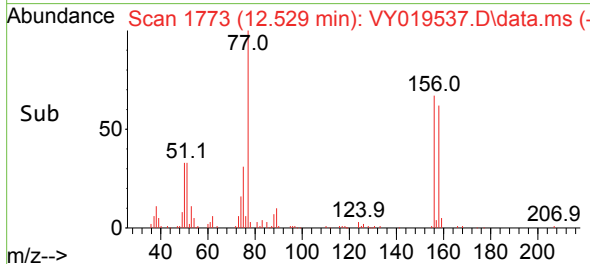
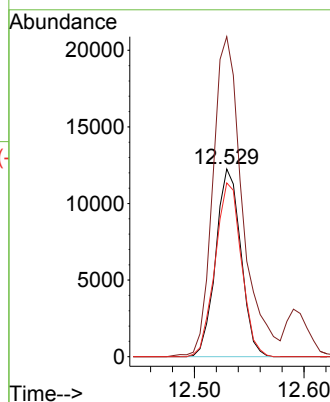
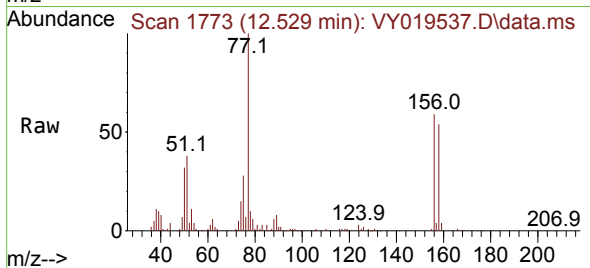
MDL-SOIL-03-QT3-2024

Tgt Ion:	156	Resp:	1945
Ion Ratio	Lower	Upper	
156	100		
77	201.2	87.1	261.3
158	97.2	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#78

n-propylbenzene

Concen: 4.341 ug/l

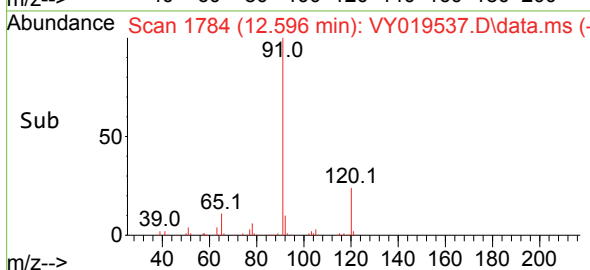
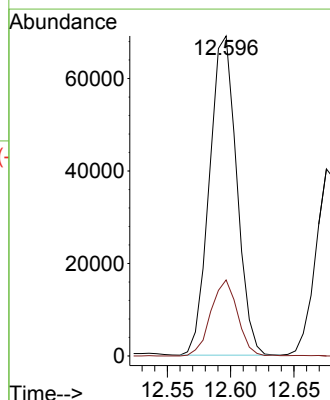
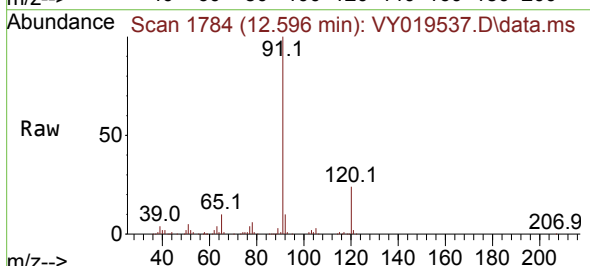
RT: 12.596 min Scan# 1784

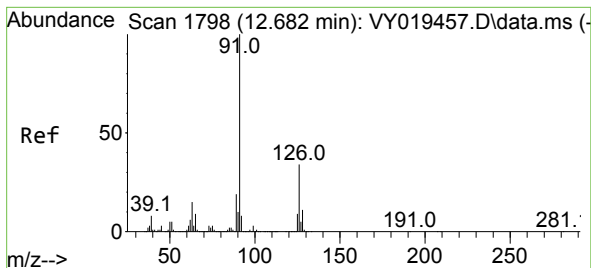
Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

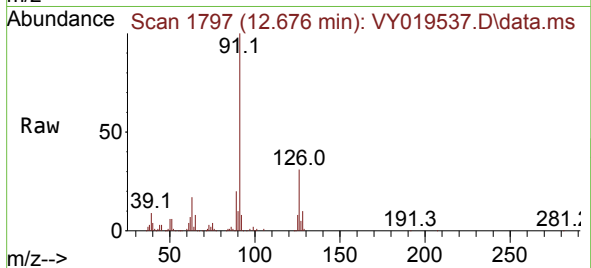
Tgt Ion:	91	Resp:	103529
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 4.452 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

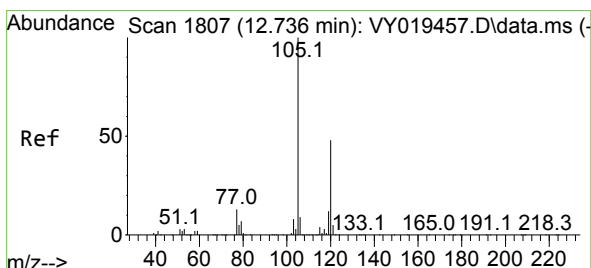
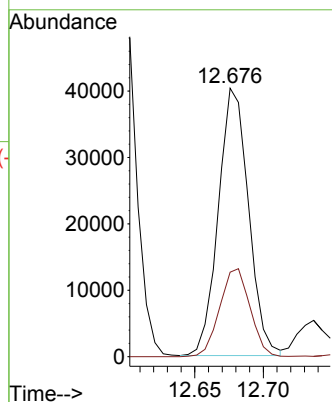
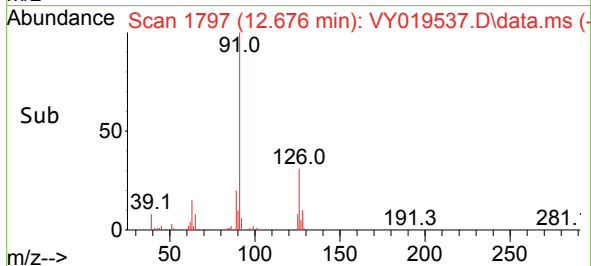
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



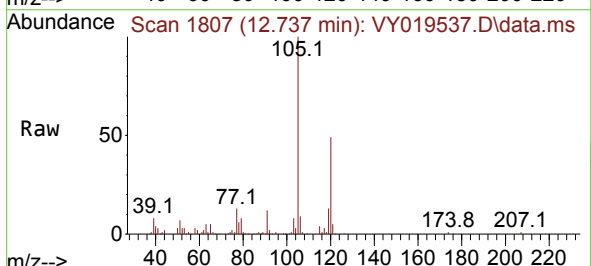
Tgt Ion: 91 Resp: 6186
Ion Ratio Lower Upper
91 100
126 33.1 17.8 53.5

Manual Integrations
APPROVED

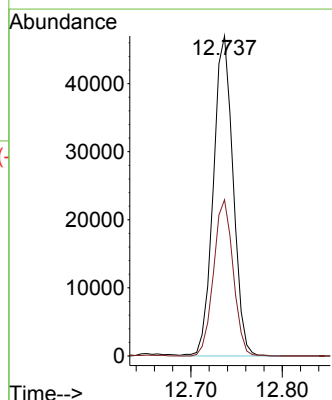
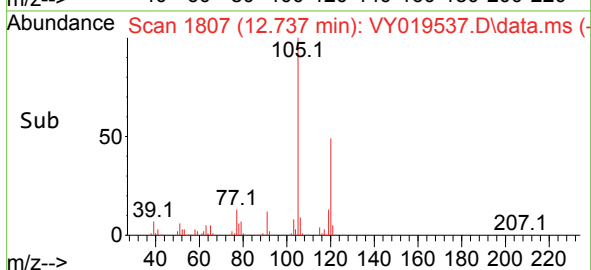
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

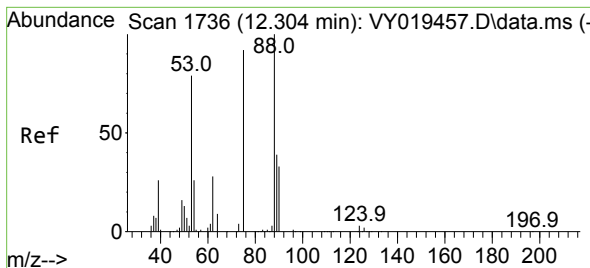


#80
1,3,5-Trimethylbenzene
Concen: 4.310 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40



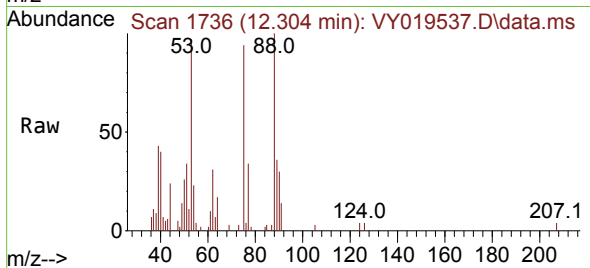
Tgt Ion:105 Resp: 70499
Ion Ratio Lower Upper
105 100
120 48.4 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.076 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

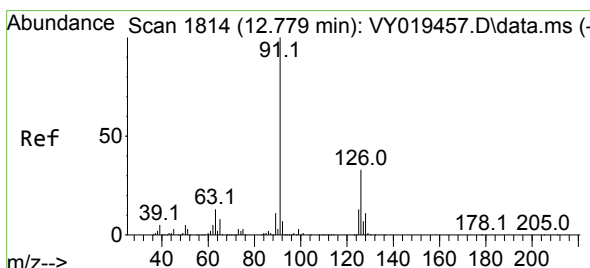
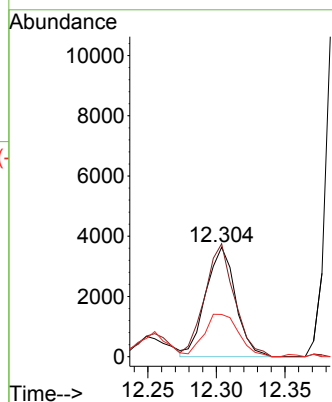
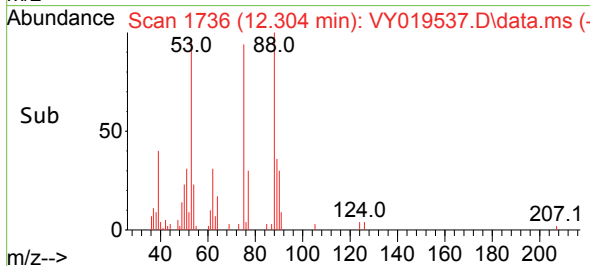
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 75 Resp: 5519
Ion Ratio Lower Upper
75 100
53 102.9 66.8 100.2
89 44.6 35.8 53.6

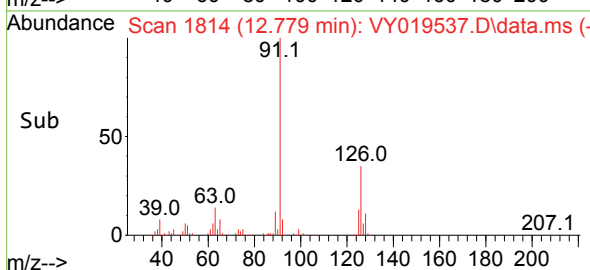
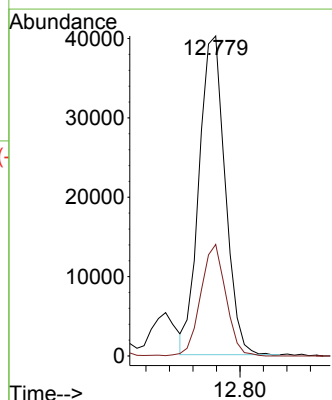
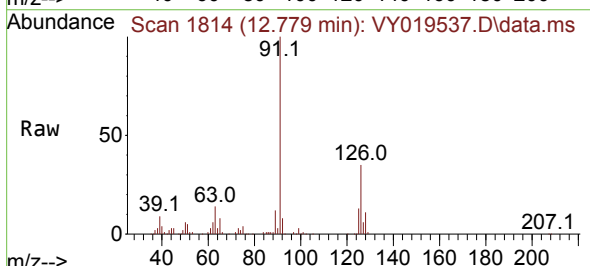
Manual Integrations
APPROVED

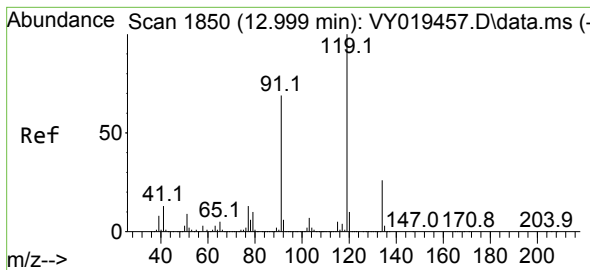
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#82
4-Chlorotoluene
Concen: 4.331 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

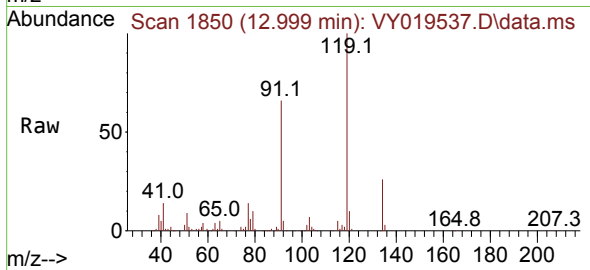
Tgt Ion: 91 Resp: 61877
Ion Ratio Lower Upper
91 100
126 33.8 17.6 52.9





#83
tert-Butylbenzene
Concen: 4.594 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

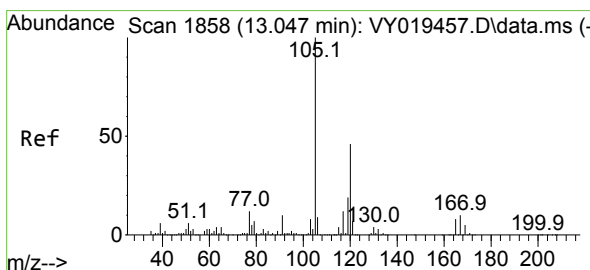
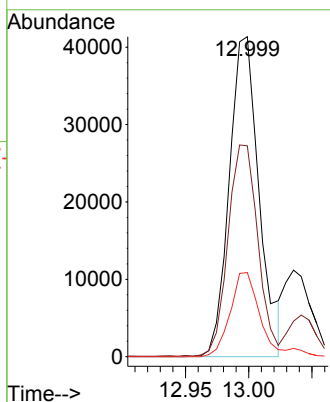
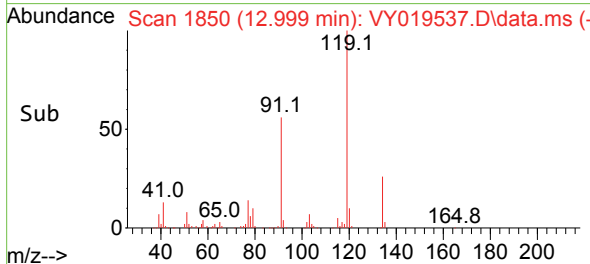
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



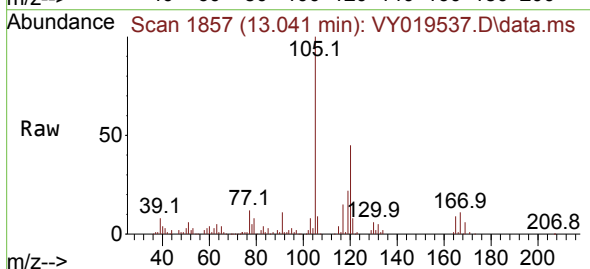
Tgt Ion:119 Resp: 68018
Ion Ratio Lower Upper
119 100
91 66.0 31.3 93.8
134 27.0 13.4 40.1

Manual Integrations
APPROVED

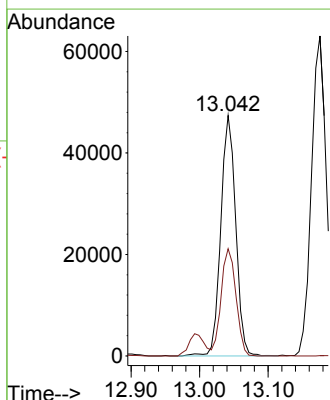
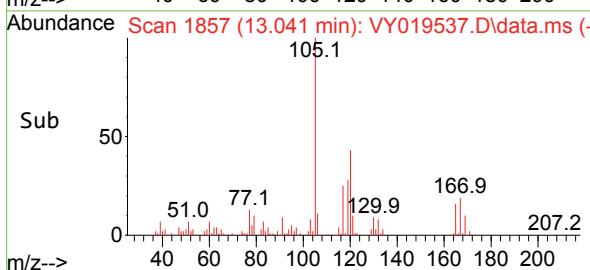
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024

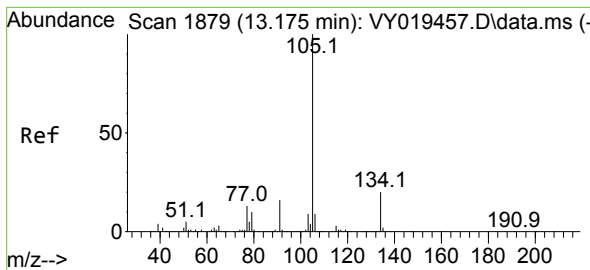


#84
1,2,4-Trimethylbenzene
Concen: 4.407 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40



Tgt Ion:105 Resp: 71360
Ion Ratio Lower Upper
105 100
120 44.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 4.418 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

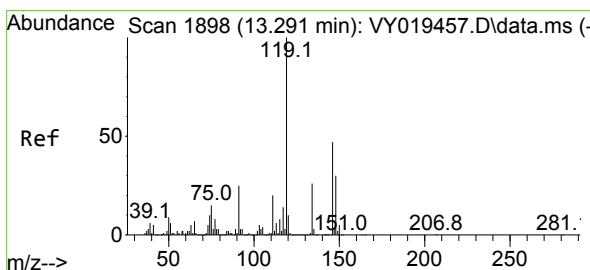
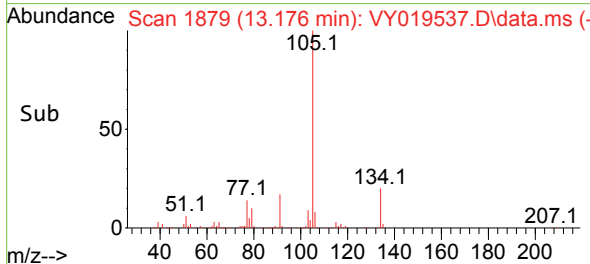
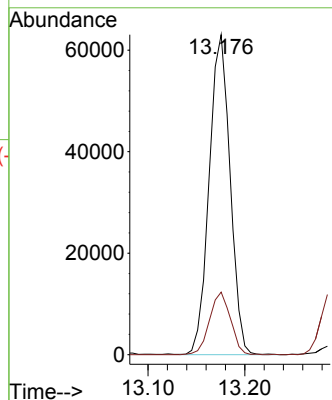
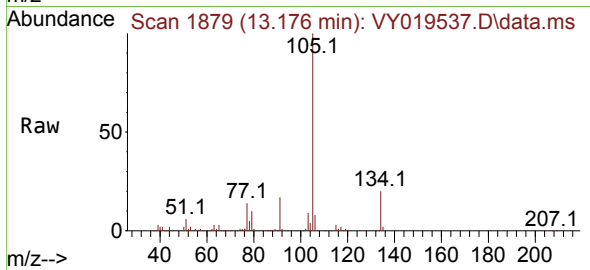
MDL-SOIL-03-QT3-2024

Tgt Ion:105 Resp: 95020
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024
 Supervised By :Mahesh Dadoda 09/16/2024



#86

p-Isopropyltoluene

Concen: 4.281 ug/l

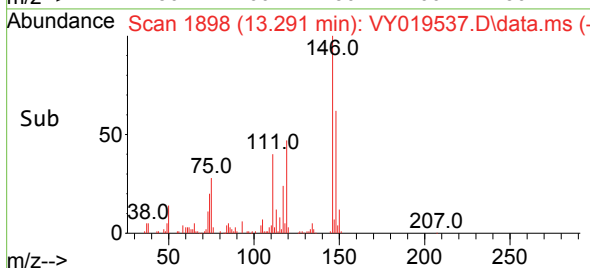
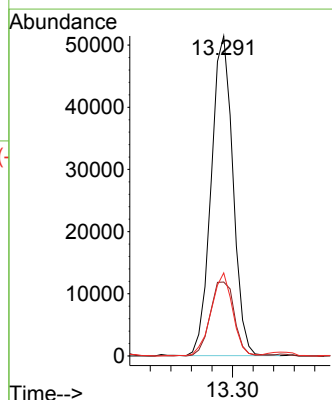
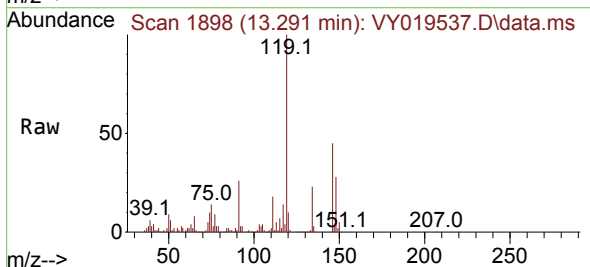
RT: 13.291 min Scan# 1898

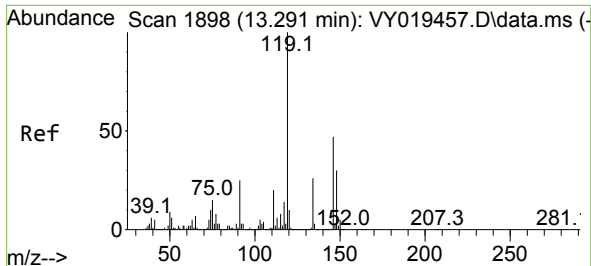
Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

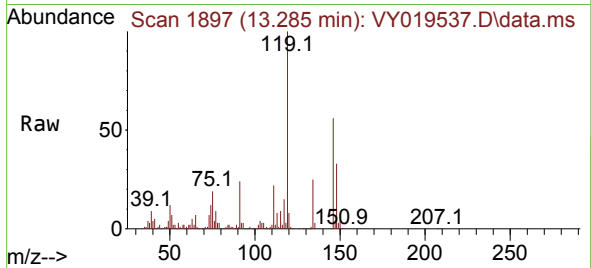
Tgt Ion:119 Resp: 75344
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 26.0 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 4.530 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

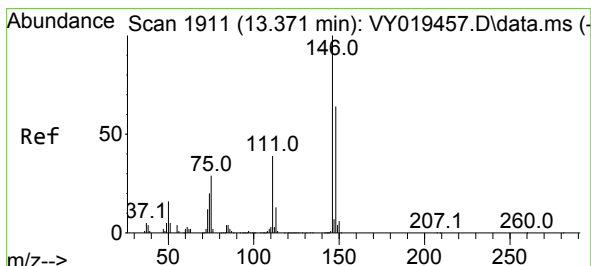
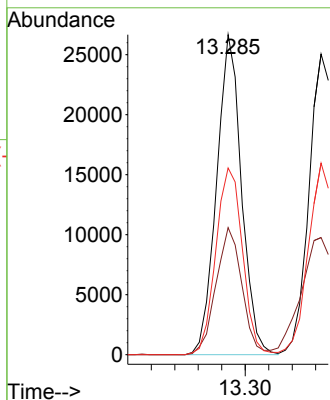
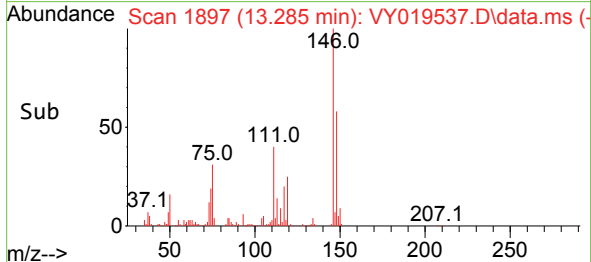
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion:146 Resp: 3928
Ion Ratio Lower Upper
146 100
111 41.0 19.0 57.0
148 62.6 31.7 95.1

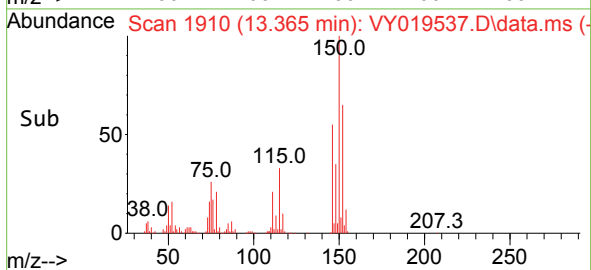
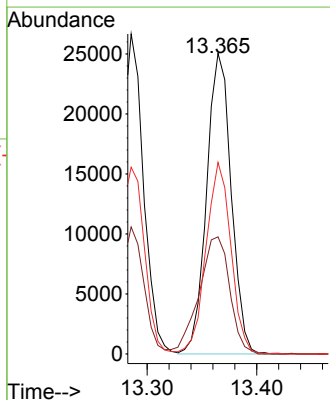
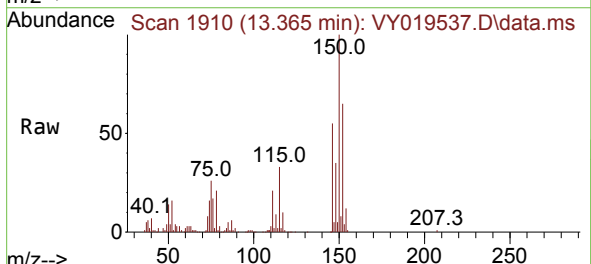
Manual Integrations
APPROVED

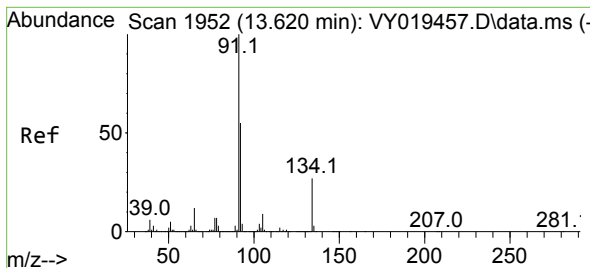
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#88
1,4-Dichlorobenzene
Concen: 4.543 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

Tgt Ion:146 Resp: 39089
Ion Ratio Lower Upper
146 100
111 48.8 18.4 55.4
148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 4.338 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

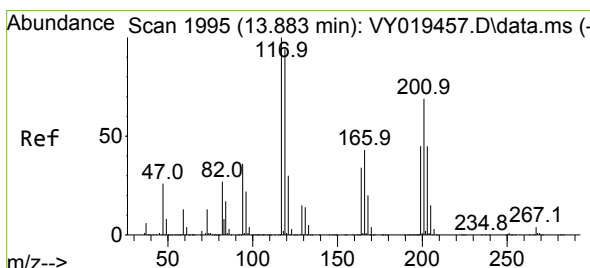
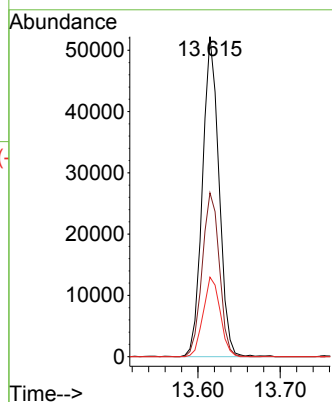
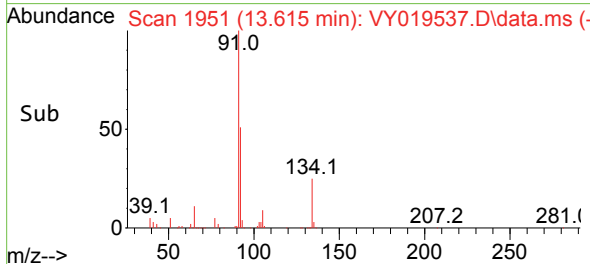
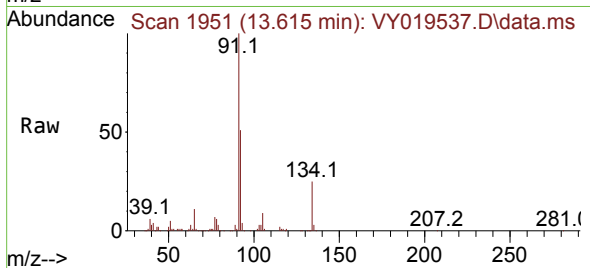
MDL-SOIL-03-QT3-2024

Tgt Ion:	91	Resp:	72990
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.7
134	25.5	12.9	38.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#90

Hexachloroethane

Concen: 4.495 ug/l

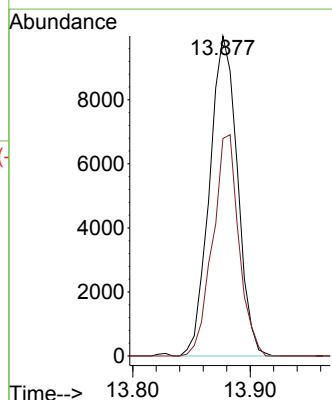
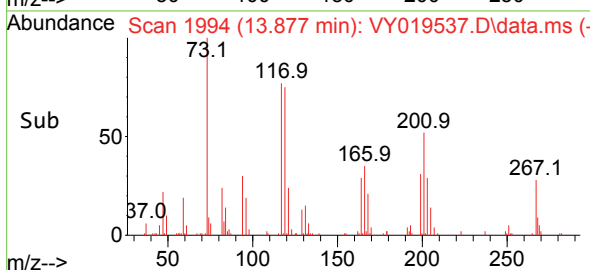
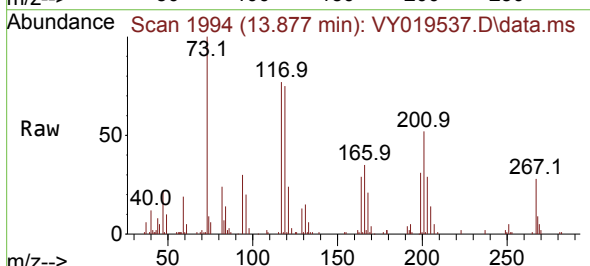
RT: 13.877 min Scan# 1994

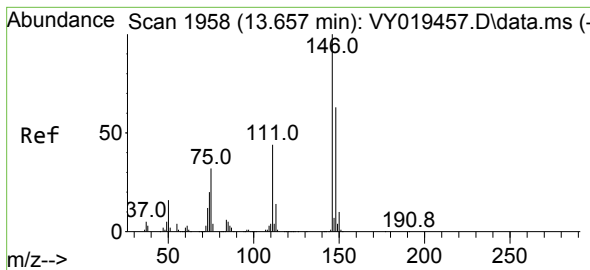
Delta R.T. -0.006 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

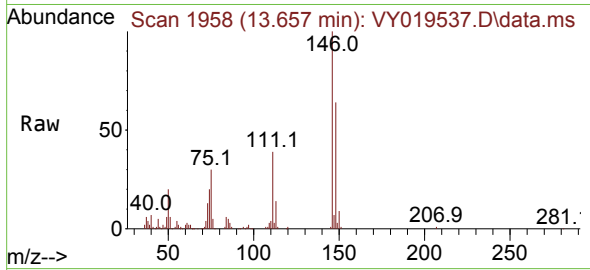
Tgt Ion:	117	Resp:	16459
Ion	Ratio	Lower	Upper
117	100		
201	65.1	37.4	112.2





#91
1,2-Dichlorobenzene
Concen: 4.604 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

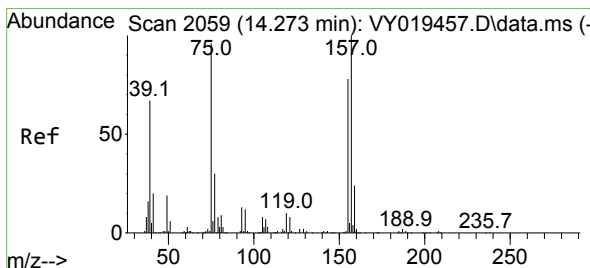
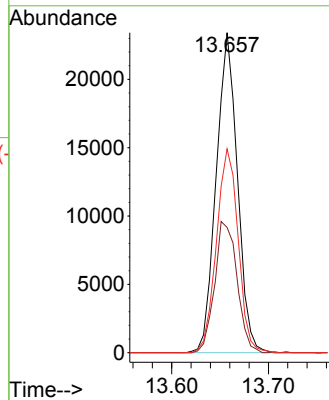
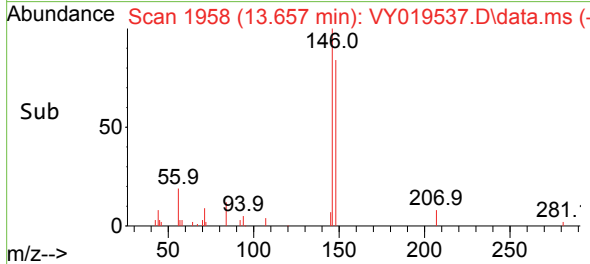
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:146 Resp: 35620
Ion Ratio Lower Upper
146 100
111 43.2 19.9 59.7
148 65.1 31.8 95.4

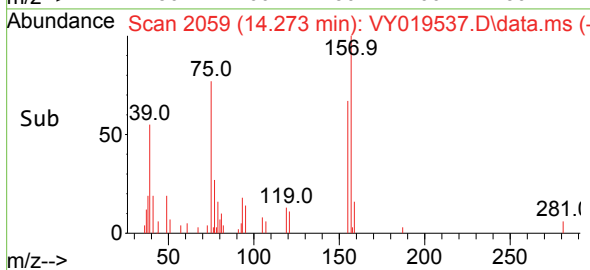
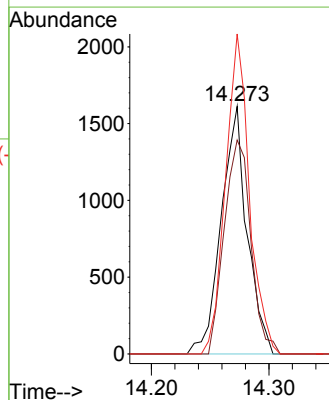
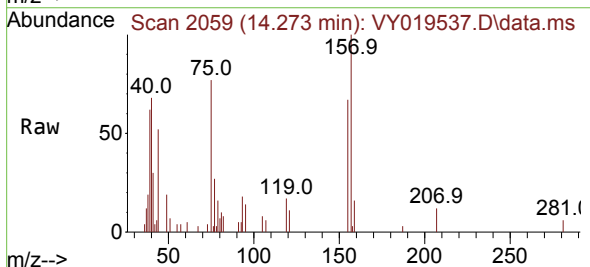
Manual Integrations
APPROVED

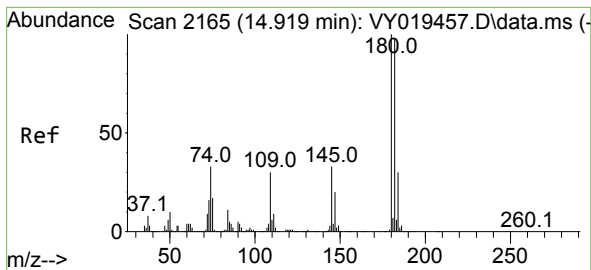
Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.147 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019537.D
Acq: 13 Sep 2024 13:40

Tgt Ion: 75 Resp: 2468
Ion Ratio Lower Upper
75 100
155 88.7 48.6 145.8
157 119.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 4.105 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

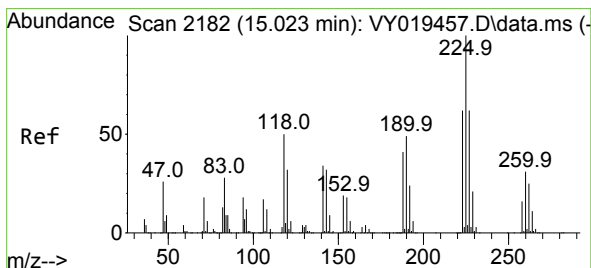
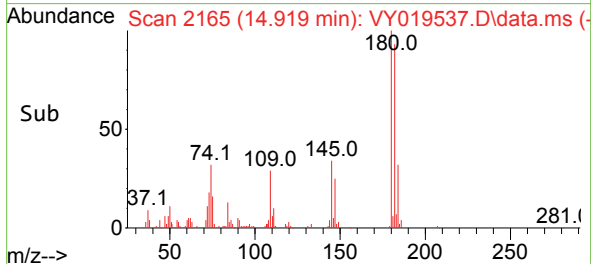
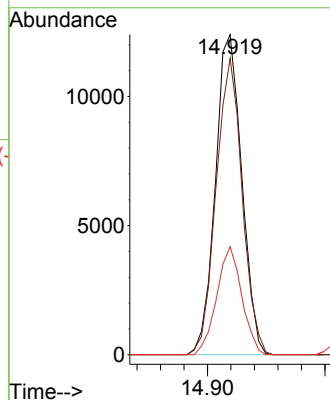
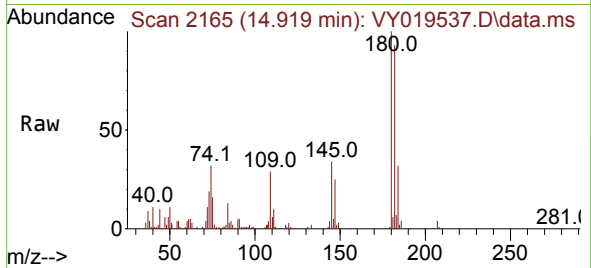
Tgt Ion:180	Resp:	19310
Ion Ratio	Lower	Upper
180	100	
182	91.6	47.9 143.8
145	32.1	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024

Supervised By :Mahesh Dadoda 09/16/2024



#94

Hexachlorobutadiene

Concen: 4.111 ug/l

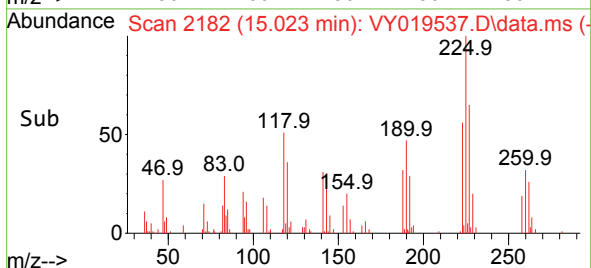
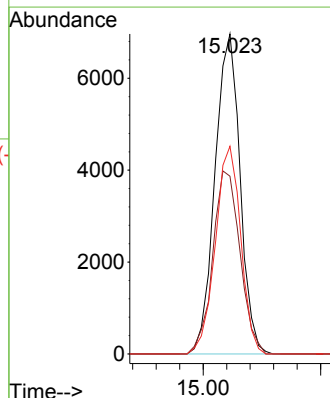
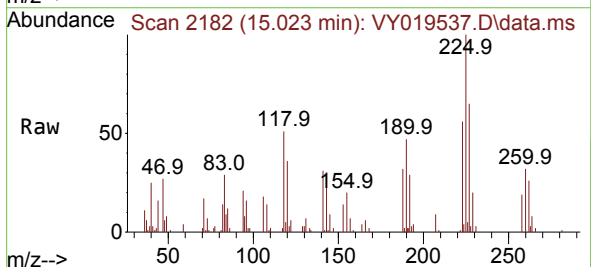
RT: 15.023 min Scan# 2182

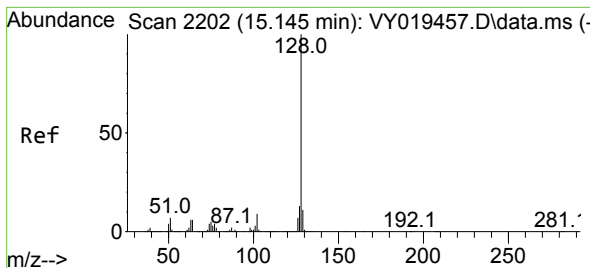
Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Tgt Ion:225	Resp:	10335
Ion Ratio	Lower	Upper
225	100	
223	62.1	30.4 91.2
227	65.5	31.9 95.9





#95

Naphthalene

Concen: 4.002 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

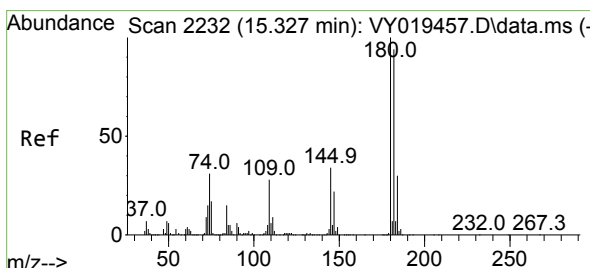
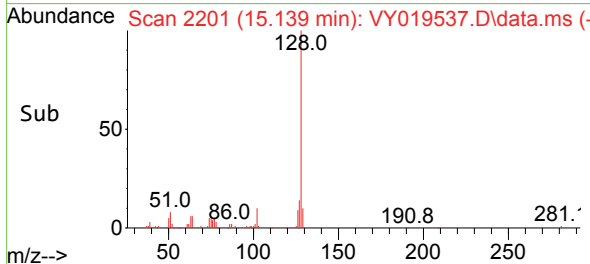
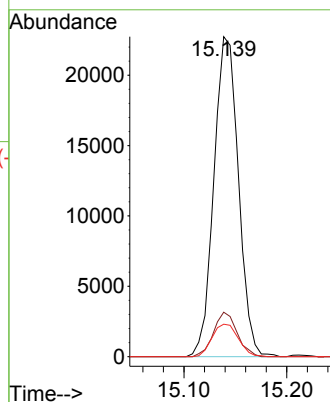
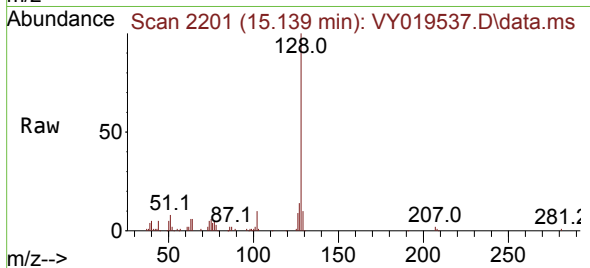
MDL-SOIL-03-QT3-2024

Tgt Ion:128	Resp:	3771
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.6 16.0
129	10.9	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/16/2024
Supervised By :Mahesh Dadoda 09/16/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.190 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019537.D

Acq: 13 Sep 2024 13:40

Tgt Ion:180	Resp:	16867
Ion Ratio	Lower	Upper
180	100	
182	93.1	47.6 142.9
145	34.4	15.4 46.1

