

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019867.D
 Acq On : 11 Oct 2024 12:42
 Operator : SY/MD
 Sample : P4368-03 4 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Oct 14 01:45:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	322282	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	574420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	484569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	216698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	209433	52.777	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.560%			
35) Dibromofluoromethane	7.634	113	195426	51.556	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.120%			
50) Toluene-d8	10.103	98	724072	51.727	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.460%			
62) 4-Bromofluorobenzene	12.402	95	244063	48.254	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 96.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	13157	4.385	ug/l	99
3) Chloromethane	2.068	50	21397	5.480	ug/l	97
4) Vinyl Chloride	2.202	62	22420	5.218	ug/l	100
5) Bromomethane	2.598	94	15213	5.593	ug/l	92
6) Chloroethane	2.733	64	14502	5.024	ug/l	97
7) Trichlorofluoromethane	3.062	101	28587	4.471	ug/l	96
8) Diethyl Ether	3.458	74	9102	4.684	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.818	101	16396	4.409	ug/l	94
10) Methyl Iodide	4.013	142	16589	4.410	ug/l	# 88
11) Tert butyl alcohol	4.836	59	12184m	32.774	ug/l	
12) 1,1-Dichloroethene	3.787	96	15737	4.552	ug/l	84
13) Acrolein	3.653	56	10351	35.499	ug/l	97
14) Allyl chloride	4.385	41	29050	4.657	ug/l	# 90
15) Acrylonitrile	5.061	53	20325	22.867	ug/l	96
16) Acetone	3.873	43	19511	18.888	ug/l	# 86
17) Carbon Disulfide	4.110	76	48523	5.236	ug/l	98
18) Methyl Acetate	4.391	43	12933	5.812	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	42087	4.237	ug/l	95
20) Methylene Chloride	4.622	84	26145	6.143	ug/l	# 79
21) trans-1,2-Dichloroethene	5.122	96	17829	4.738	ug/l	96
22) Diisopropyl ether	6.025	45	62061	4.567	ug/l	# 86
23) Vinyl Acetate	5.964	43	181224m	23.264	ug/l	
24) 1,1-Dichloroethane	5.915	63	34495	4.567	ug/l	96
25) 2-Butanone	6.896	43	28469	20.589	ug/l	# 82
26) 2,2-Dichloropropane	6.890	77	30662	4.558	ug/l	93
27) cis-1,2-Dichloroethene	6.890	96	20834	4.480	ug/l	78
28) Bromochloromethane	7.244	49	17481	5.258	ug/l	# 77
29) Tetrahydrofuran	7.274	42	18942	23.993	ug/l	# 80
30) Chloroform	7.415	83	35107	4.560	ug/l	96
31) Cyclohexane	7.701	56	36061	5.439	ug/l	# 87
32) 1,1,1-Trichloroethane	7.622	97	28976	4.294	ug/l	# 94
36) 1,1-Dichloropropene	7.835	75	24288	4.448	ug/l	100
37) Ethyl Acetate	6.988	43	12209	4.288	ug/l	# 91
38) Carbon Tetrachloride	7.817	117	24204	4.134	ug/l	98
39) Methylcyclohexane	9.109	83	29480	4.284	ug/l	# 85
40) Benzene	8.079	78	75566	4.572	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019867.D
 Acq On : 11 Oct 2024 12:42
 Operator : SY/MD
 Sample : P4368-03 4 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Oct 14 01:45:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	5655	3.669	ug/l #	88
42) 1,2-Dichloroethane	8.164	62	22179	4.671	ug/l	92
43) Isopropyl Acetate	8.195	43	24306	4.185	ug/l #	79
44) Trichloroethene	8.866	130	18218	4.551	ug/l	100
45) 1,2-Dichloropropane	9.146	63	19179	4.636	ug/l	95
46) Dibromomethane	9.231	93	10062	4.452	ug/l	87
47) Bromodichloromethane	9.420	83	24559	4.094	ug/l #	96
48) Methyl methacrylate	9.225	41	11256	4.406	ug/l #	80
49) 1,4-Dioxane	9.237	88	2098	82.940	ug/l #	71
51) 4-Methyl-2-Pentanone	9.999	43	61873	20.888	ug/l	89
52) Toluene	10.170	92	48180	4.670	ug/l	95
53) t-1,3-Dichloropropene	10.396	75	20725	3.840	ug/l #	87
54) cis-1,3-Dichloropropene	9.859	75	26297	4.129	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	13135	4.411	ug/l #	86
56) Ethyl methacrylate	10.438	69	17283	4.045	ug/l #	71
57) 1,3-Dichloropropane	10.713	76	22118	4.230	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.713	63	45108	22.678	ug/l	90
59) 2-Hexanone	10.762	43	41961	19.834	ug/l	81
60) Dibromochloromethane	10.908	129	15727	4.115	ug/l	92
61) 1,2-Dibromoethane	11.018	107	11751	4.367	ug/l	98
64) Tetrachloroethene	10.646	164	14688	4.262	ug/l	93
65) Chlorobenzene	11.444	112	46706	4.214	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	15016	4.004	ug/l	96
67) Ethyl Benzene	11.518	91	87418	4.342	ug/l	99
68) m/p-Xylenes	11.627	106	63535	8.545	ug/l	91
69) o-Xylene	11.950	106	30456	4.263	ug/l	94
70) Styrene	11.969	104	47505	3.941	ug/l	93
71) Bromoform	12.133	173	7793	3.882	ug/l #	98
73) Isopropylbenzene	12.255	105	79613	4.368	ug/l	98
74) N-amyl acetate	12.072	43	19499	4.039	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.505	83	14999	4.631	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	9804m	2.309	ug/l	
77) Bromobenzene	12.530	156	17341	4.483	ug/l	86
78) n-propylbenzene	12.597	91	97843	4.443	ug/l	97
79) 2-Chlorotoluene	12.676	91	55708	4.412	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	63237	4.296	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.298	75	4122m	3.919	ug/l	
82) 4-Chlorotoluene	12.773	91	57069	4.420	ug/l	95
83) tert-Butylbenzene	12.993	119	56330	4.272	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	62487	4.282	ug/l	97
85) sec-Butylbenzene	13.176	105	82088	4.166	ug/l	98
86) p-Isopropyltoluene	13.285	119	65277	4.080	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	33287	4.262	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	33399	4.352	ug/l	91
89) n-Butylbenzene	13.615	91	62972	4.031	ug/l	97
90) Hexachloroethane	13.877	117	12704	4.078	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	28598	4.167	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2154	4.167	ug/l	69
93) 1,2,4-Trichlorobenzene	14.919	180	15015	3.902	ug/l	97
94) Hexachlorobutadiene	15.023	225	8203	3.834	ug/l	94
95) Naphthalene	15.139	128	25000	3.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	11452	3.520	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
Data File : VY019867.D
Acq On : 11 Oct 2024 12:42
Operator : SY/MD
Sample : P4368-03 4 PPB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

Quant Time: Oct 14 01:45:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

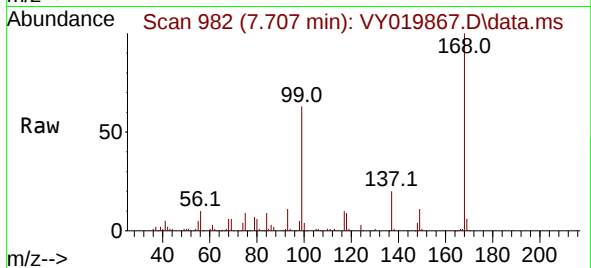
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

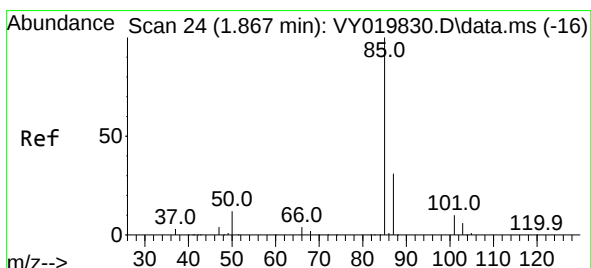
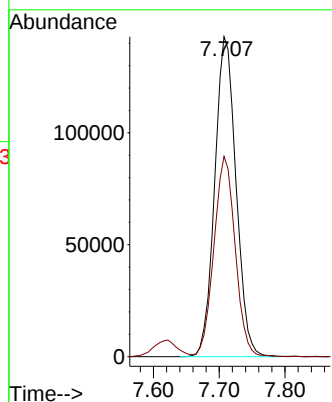
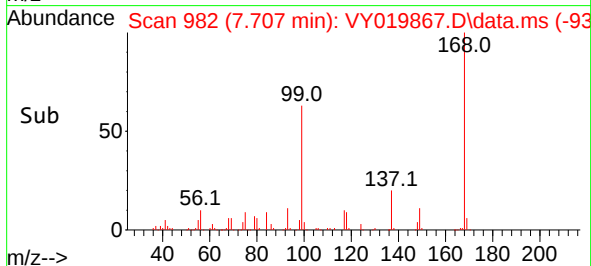
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:168 Resp: 32228
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7

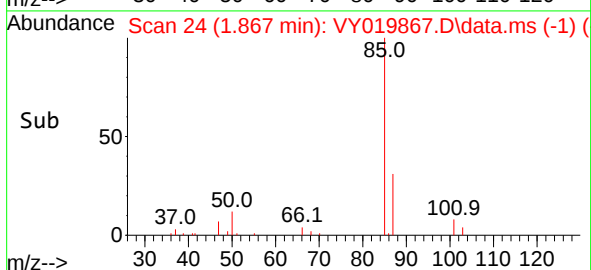
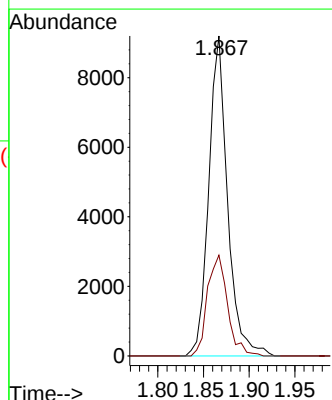
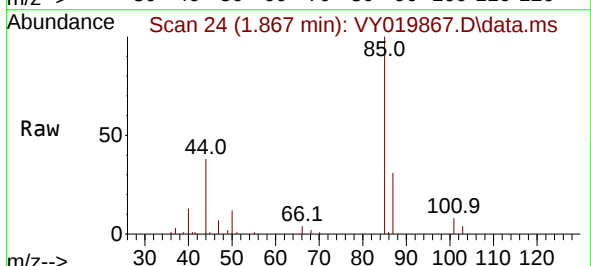
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#2
Dichlorodifluoromethane
Concen: 4.385 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

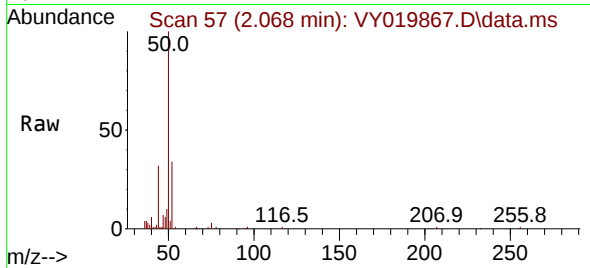
Tgt Ion: 85 Resp: 13157
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0





#3
Chloromethane
Concen: 5.480 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

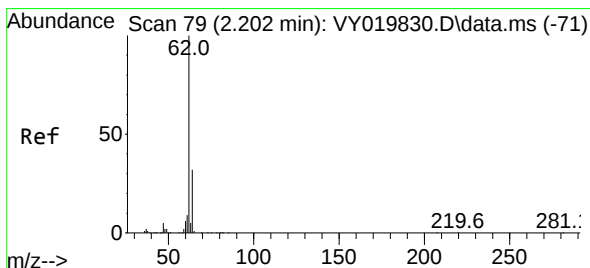
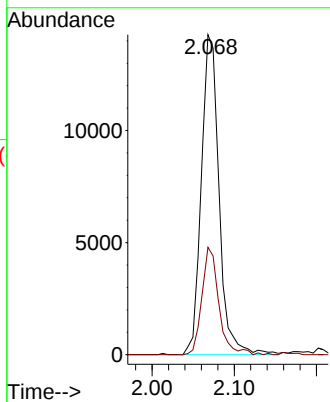
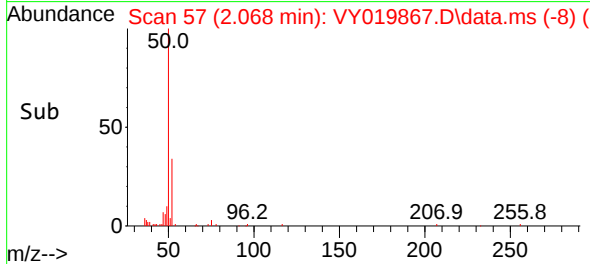
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 50 Resp: 2139
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4

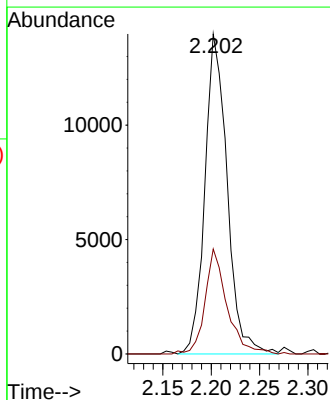
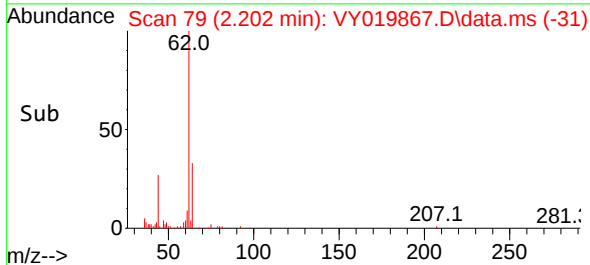
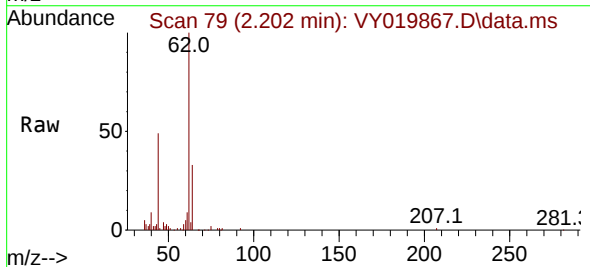
Manual Integrations
APPROVED

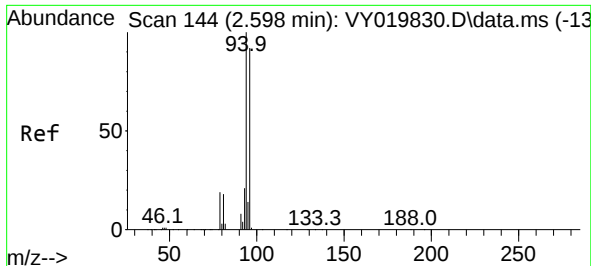
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#4
Vinyl Chloride
Concen: 5.218 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

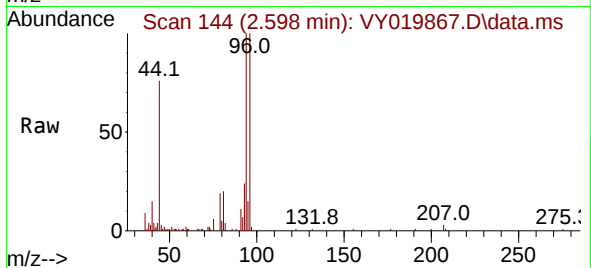
Tgt Ion: 62 Resp: 22420
Ion Ratio Lower Upper
62 100
64 32.8 26.1 39.1





#5
Bromomethane
Concen: 5.593 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

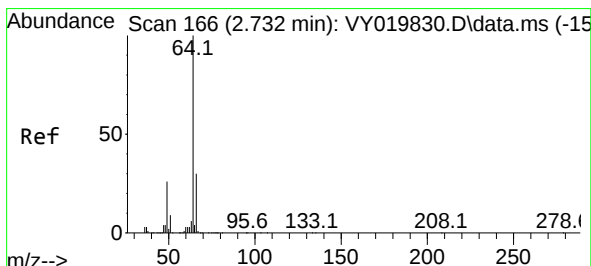
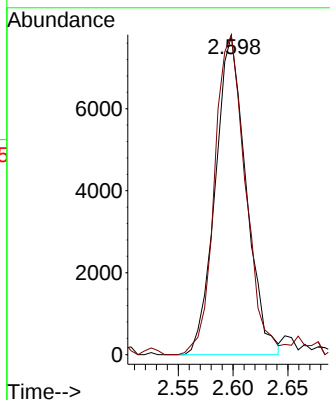
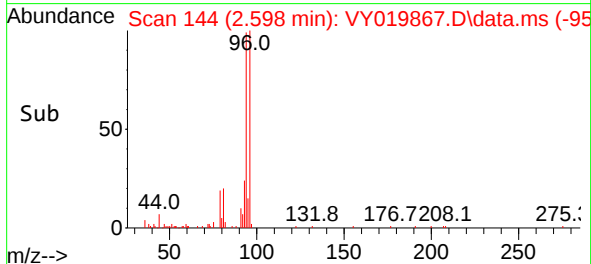
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



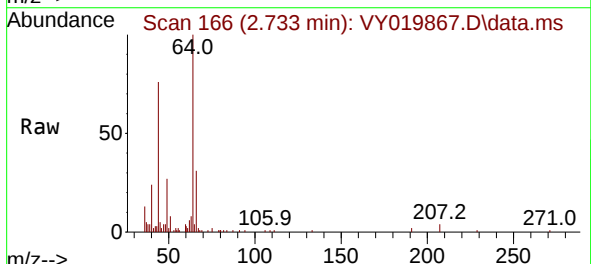
Tgt Ion: 94 Resp: 1521
Ion Ratio Lower Upper
94 100
96 100.4 74.1 111.1

Manual Integrations
APPROVED

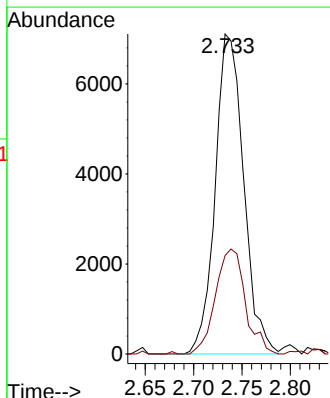
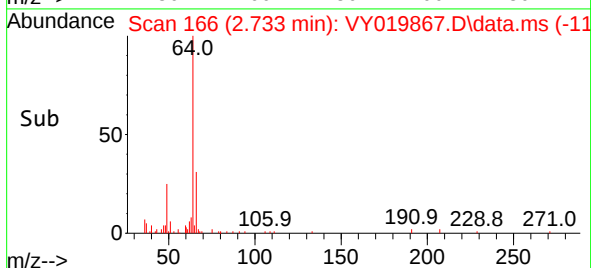
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

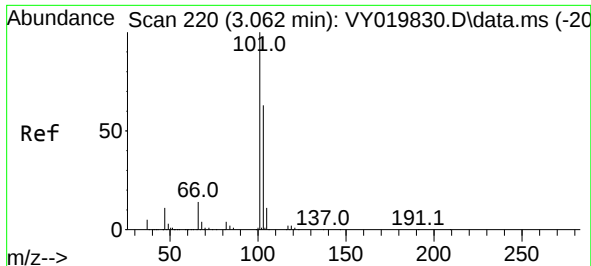


#6
Chloroethane
Concen: 5.024 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42



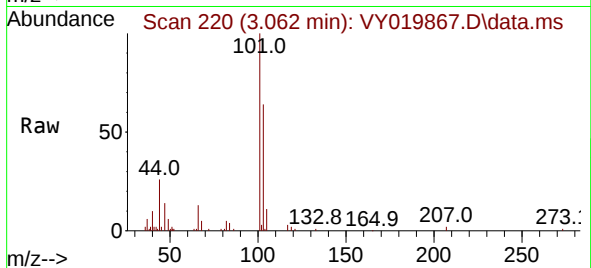
Tgt Ion: 64 Resp: 14502
Ion Ratio Lower Upper
64 100
66 30.8 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 4.471 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

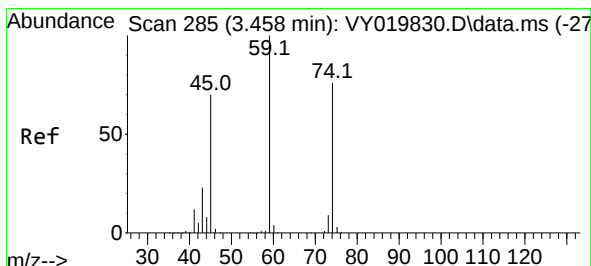
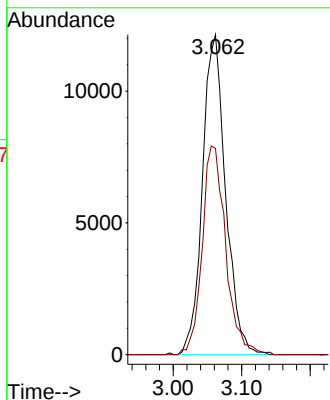
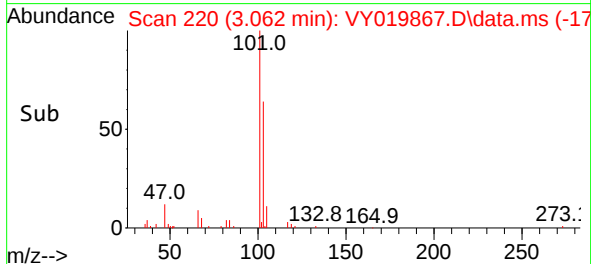
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2024



Tgt Ion:101 Resp: 2858
 Ion Ratio Lower Upper
 101 100
 103 64.5 49.3 73.9

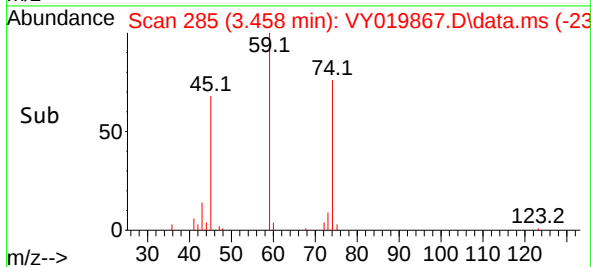
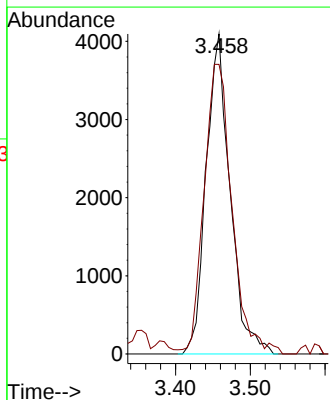
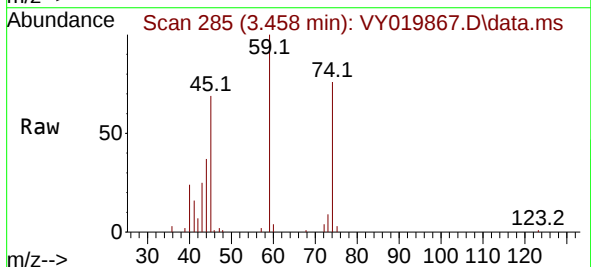
Manual Integrations
 APPROVED

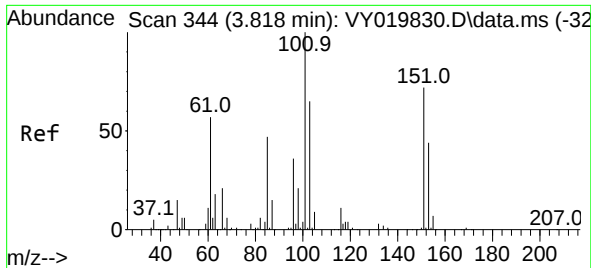
Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024



#8
 Diethyl Ether
 Concen: 4.684 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

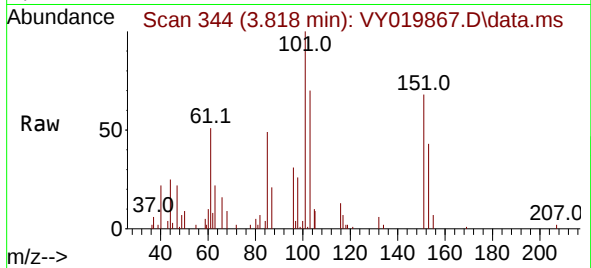
Tgt Ion: 74 Resp: 9102
 Ion Ratio Lower Upper
 74 100
 45 105.9 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.409 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

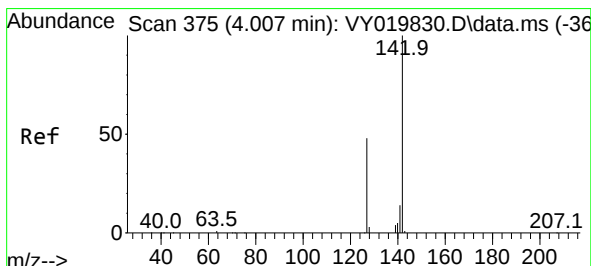
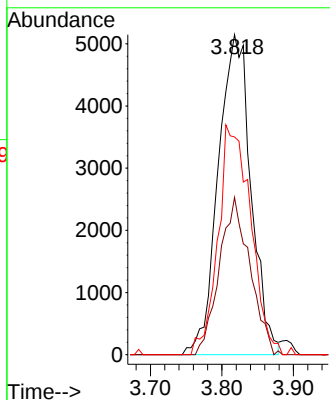
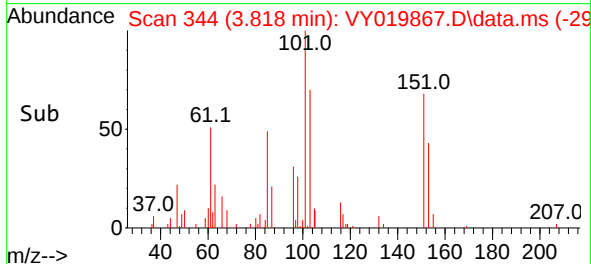
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



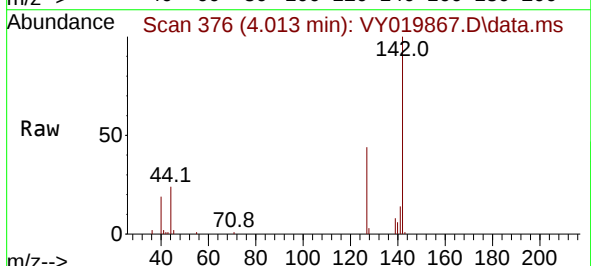
Tgt Ion:101 Resp: 16390
Ion Ratio Lower Upper
101 100
85 45.7 34.5 51.7
151 71.4 61.7 92.5

Manual Integrations
APPROVED

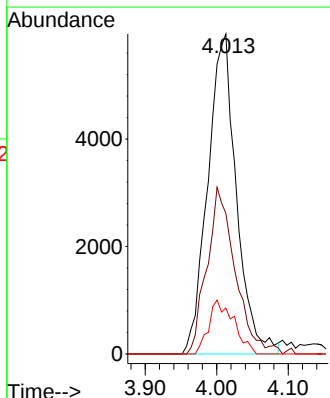
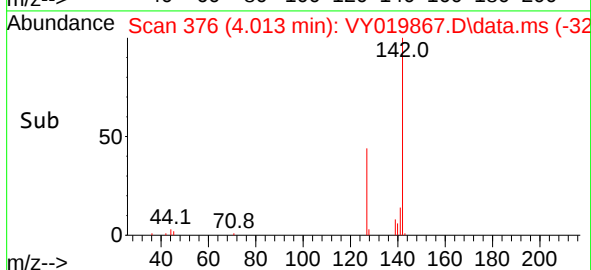
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

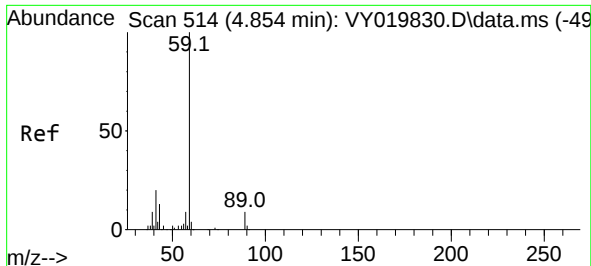


#10
Methyl Iodide
Concen: 4.410 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42



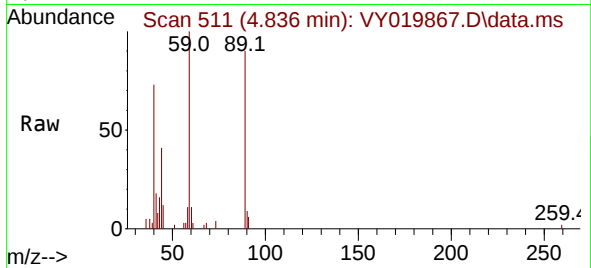
Tgt Ion:142 Resp: 16589
Ion Ratio Lower Upper
142 100
127 51.3 32.8 49.2#
141 14.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 32.774 ug/l m
RT: 4.836 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

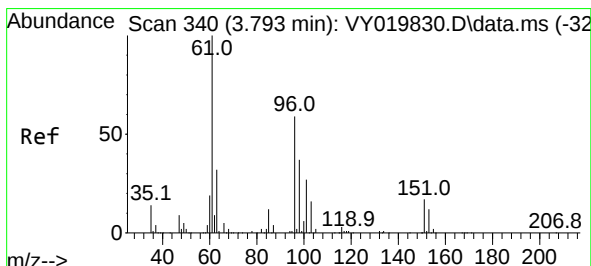
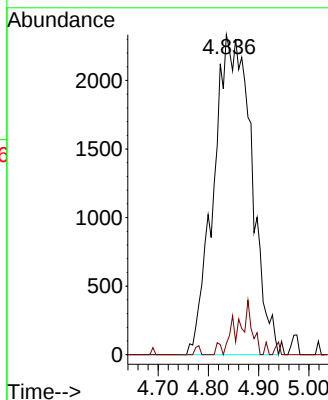
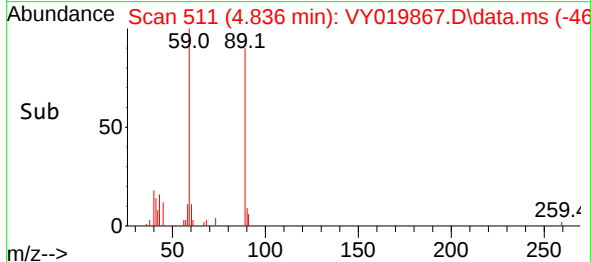
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



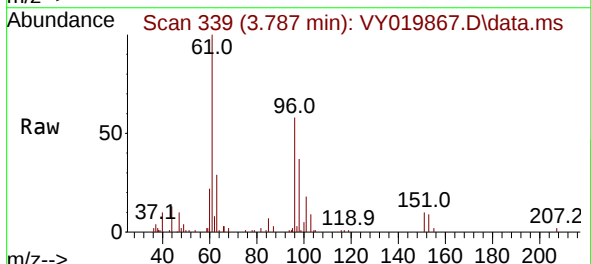
Tgt Ion: 59 Resp: 12184
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6

Manual Integrations
APPROVED

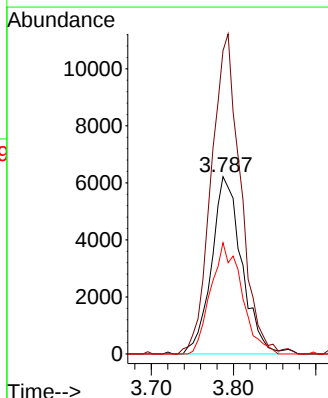
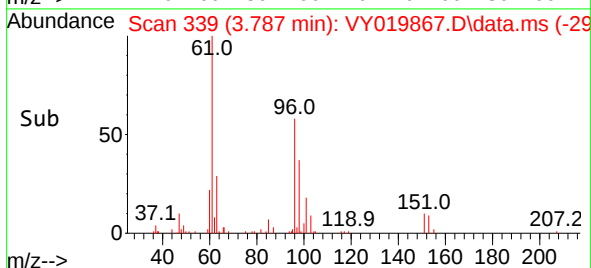
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

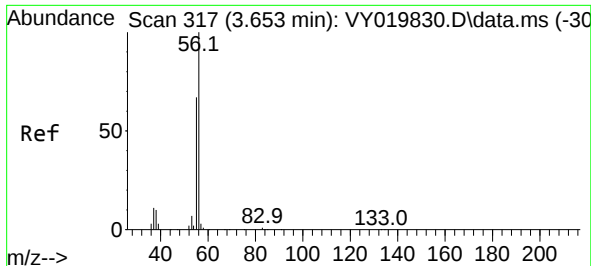


#12
1,1-Dichloroethene
Concen: 4.552 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42



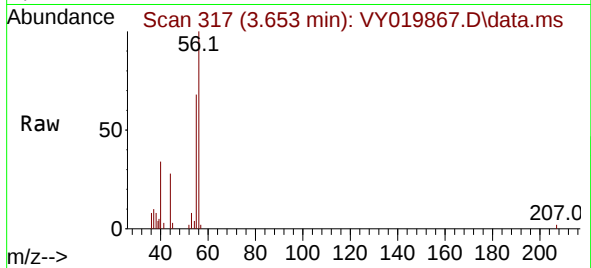
Tgt Ion: 96 Resp: 15737
Ion Ratio Lower Upper
96 100
61 171.0 114.6 171.8
98 62.7 50.8 76.2





#13
Acrolein
Concen: 35.499 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

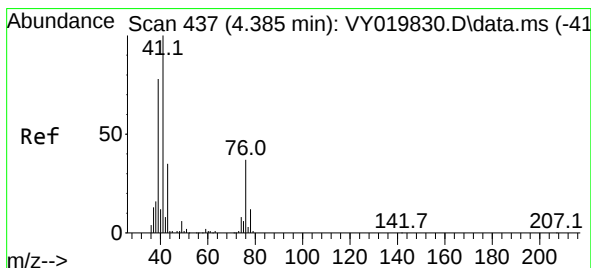
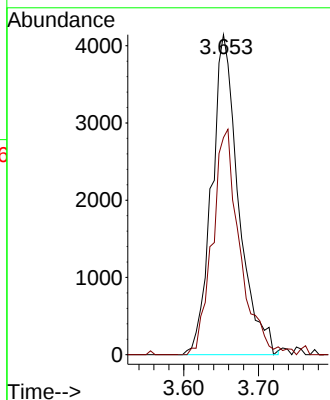
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 56 Resp: 1035
Ion Ratio Lower Upper
56 100
55 71.9 55.7 83.5

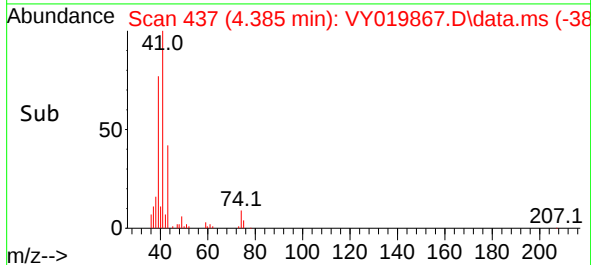
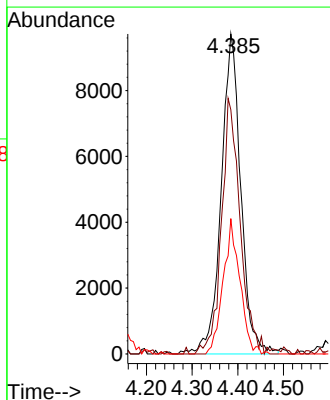
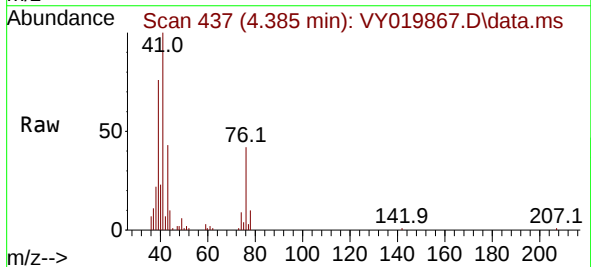
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#14
Allyl chloride
Concen: 4.657 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 41 Resp: 29050
Ion Ratio Lower Upper
41 100
39 76.0 58.3 87.5
76 36.1 39.0 58.6





#15

Acrylonitrile

Concen: 22.867 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY019867.D

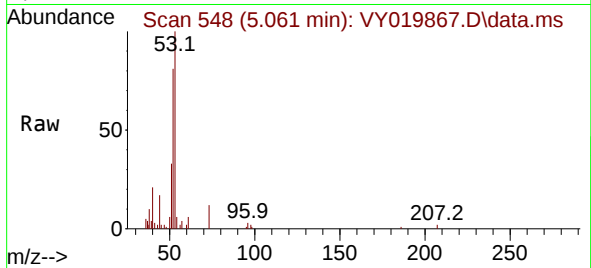
Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

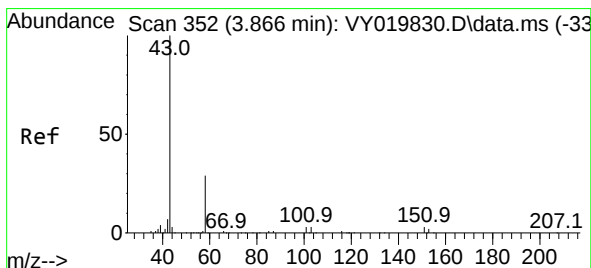
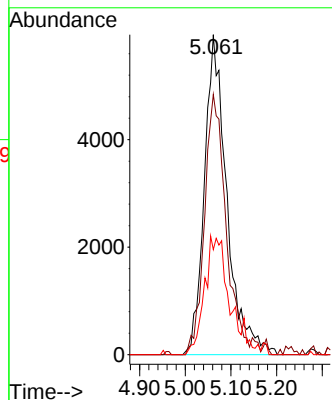


Tgt Ion:	53	Resp:	2032
Ion Ratio	100	Lower	Upper
53	100		
52	77.5	64.7	97.1
51	38.2	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#16

Acetone

Concen: 18.888 ug/l

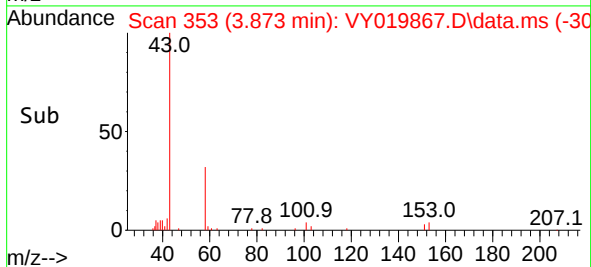
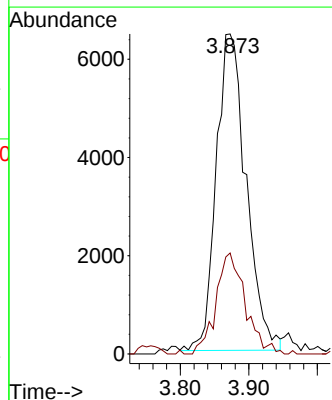
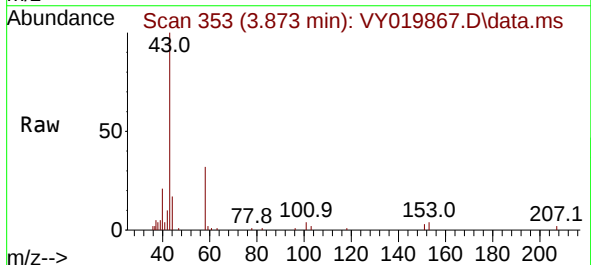
RT: 3.873 min Scan# 353

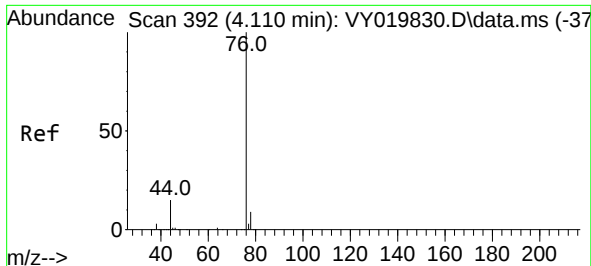
Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

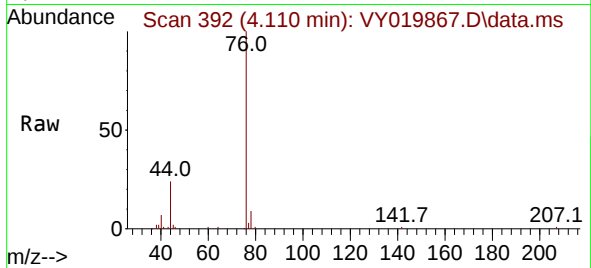
Tgt Ion:	43	Resp:	19511
Ion Ratio	100	Lower	Upper
43	100		
58	30.8	31.7	47.5





#17
Carbon Disulfide
Concen: 5.236 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

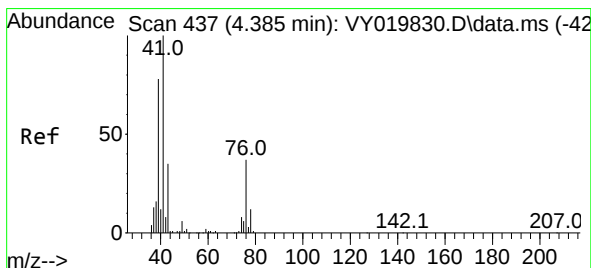
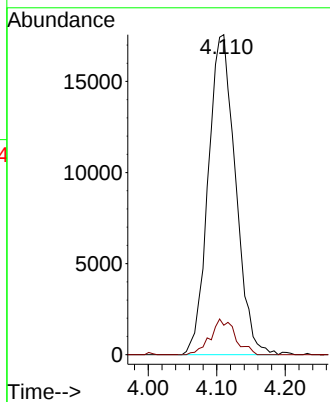
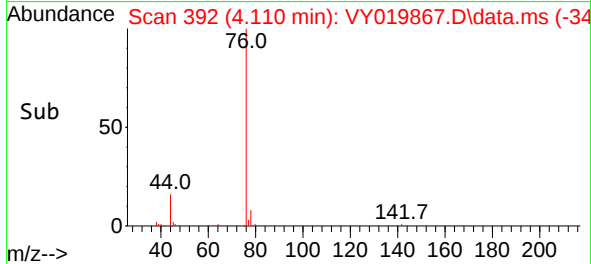
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024



Tgt Ion: 76 Resp: 4852
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

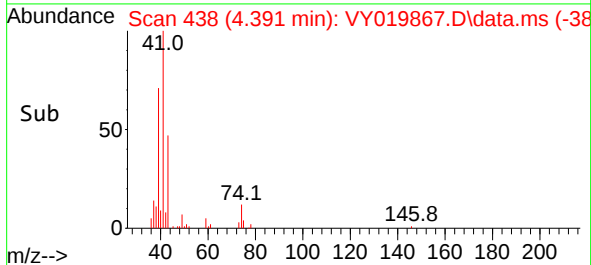
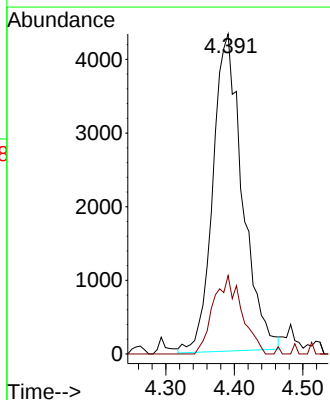
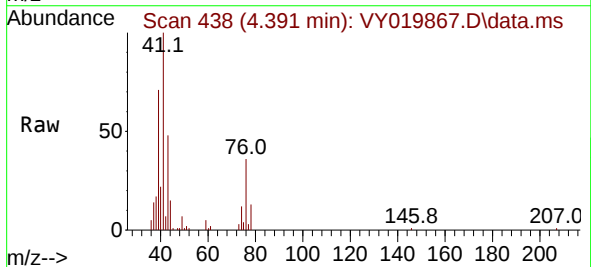
Manual Integrations
APPROVED

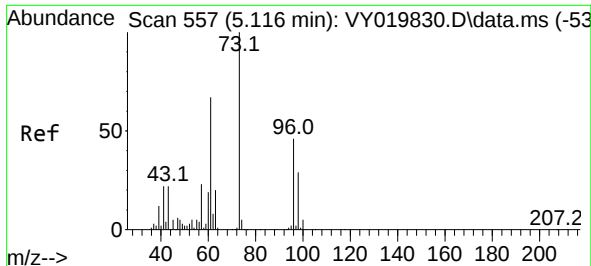
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#18
Methyl Acetate
Concen: 5.812 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

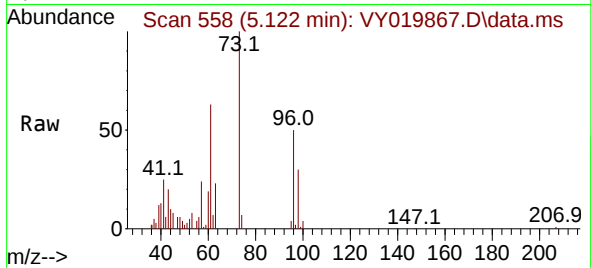
Tgt Ion: 43 Resp: 12933
Ion Ratio Lower Upper
43 100
74 23.8 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 4.237 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

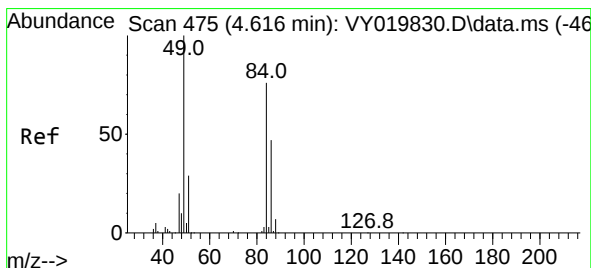
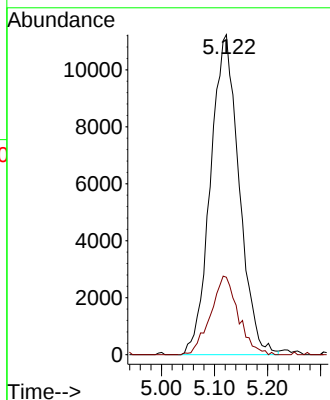
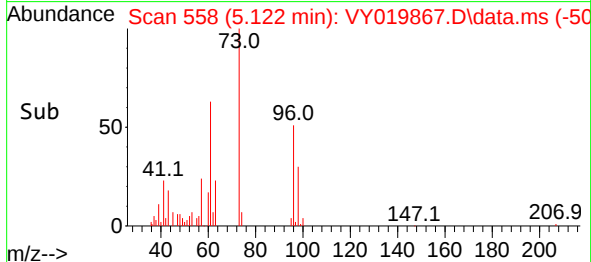
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 73 Resp: 4208
Ion Ratio Lower Upper
73 100
57 24.2 17.3 25.9

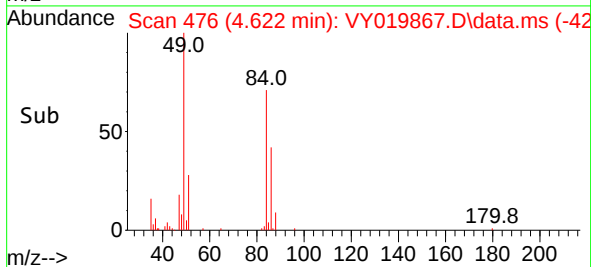
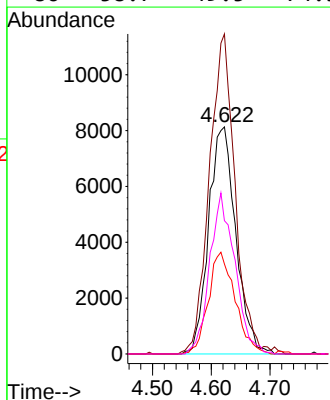
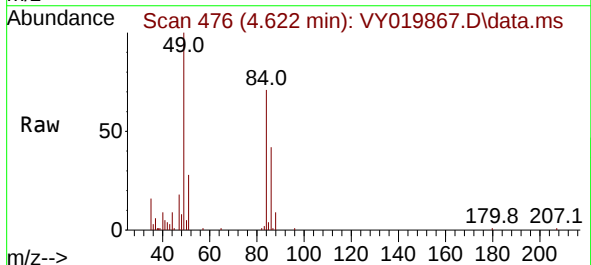
Manual Integrations
APPROVED

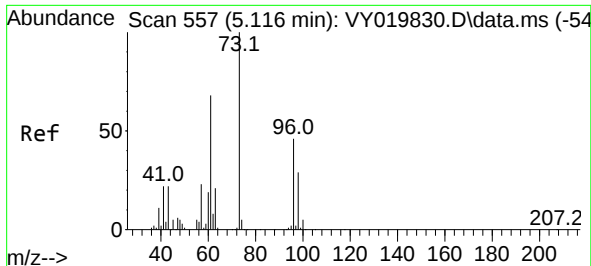
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#20
Methylene Chloride
Concen: 6.143 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

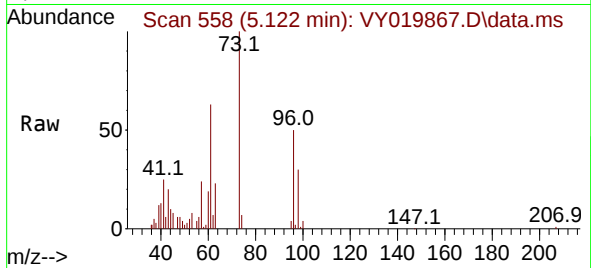
Tgt Ion: 84 Resp: 26145
Ion Ratio Lower Upper
84 100
49 141.0 84.4 126.6#
51 39.6 26.0 39.0#
86 58.7 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 4.738 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

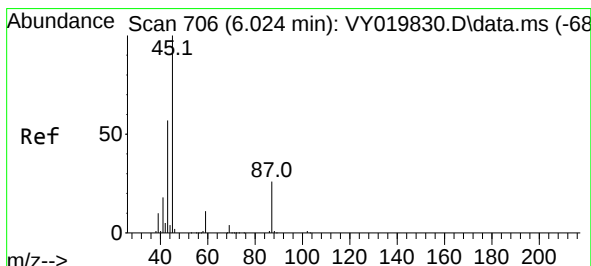
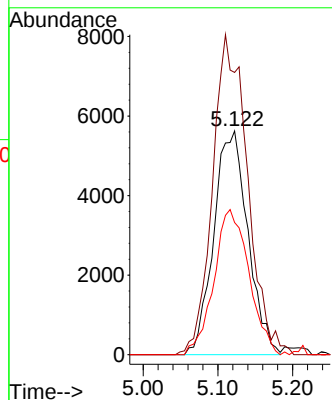
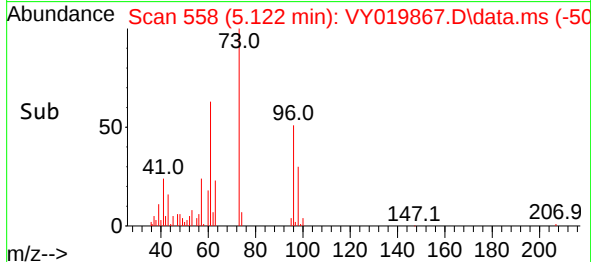
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 96 Resp: 17829
Ion Ratio Lower Upper
96 100
61 125.0 97.5 146.3
98 59.1 50.5 75.7

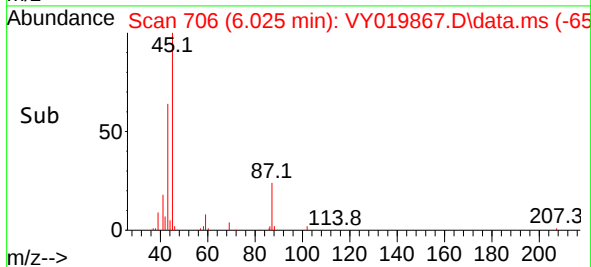
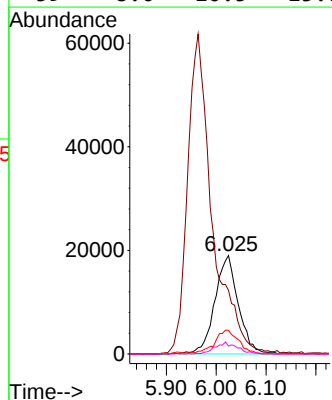
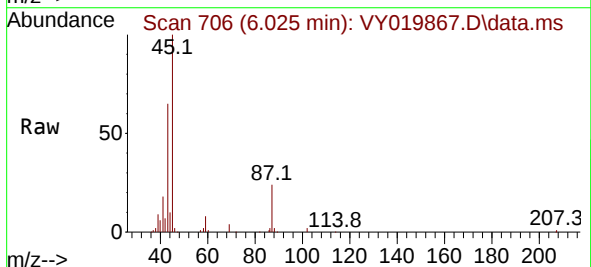
Manual Integrations
APPROVED

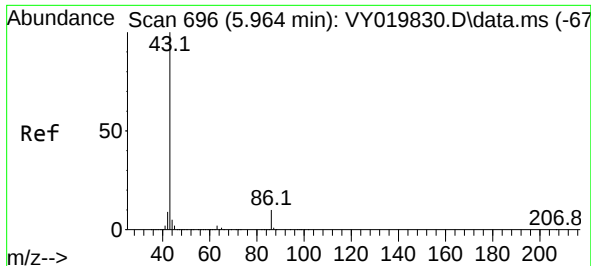
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#22
Diisopropyl ether
Concen: 4.567 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

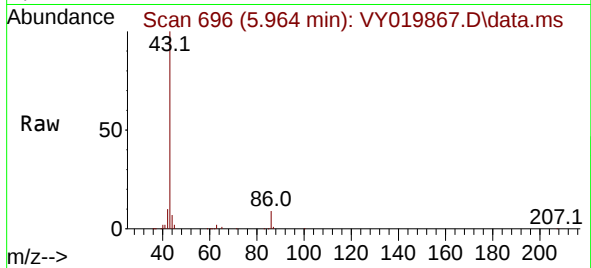
Tgt Ion: 45 Resp: 62061
Ion Ratio Lower Upper
45 100
43 63.6 42.2 63.2#
87 24.1 25.0 37.6#
59 8.0 10.5 15.7#





#23
 Vinyl Acetate
 Concen: 23.264 ug/l m
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

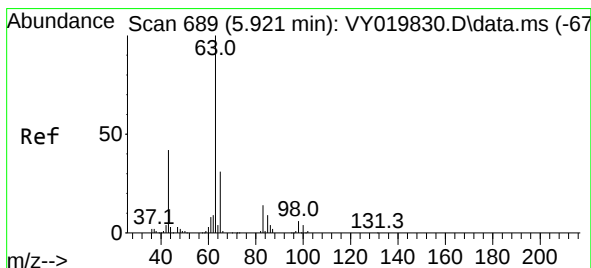
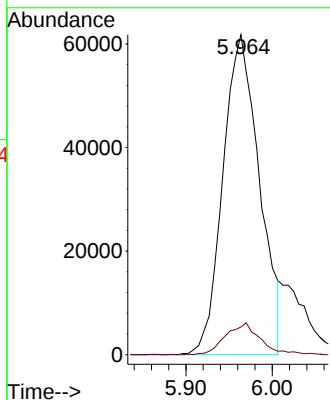
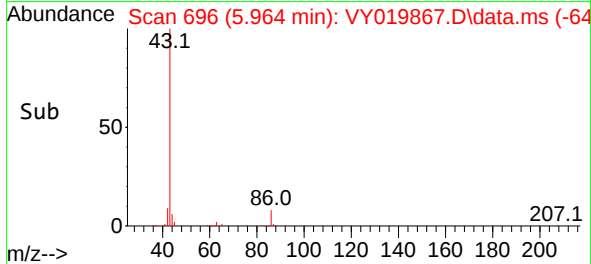
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2024



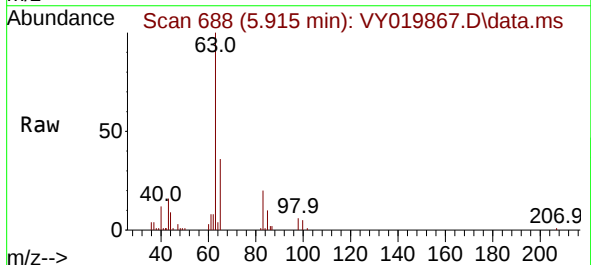
Tgt Ion: 43 Resp: 181224
 Ion Ratio Lower Upper
 43 100
 86 8.7 10.6 16.0

Manual Integrations
 APPROVED

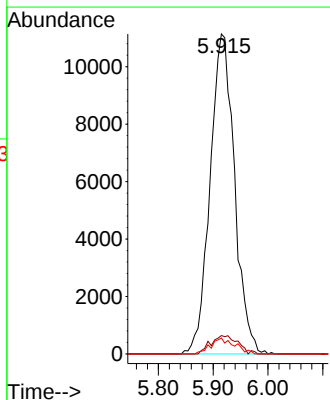
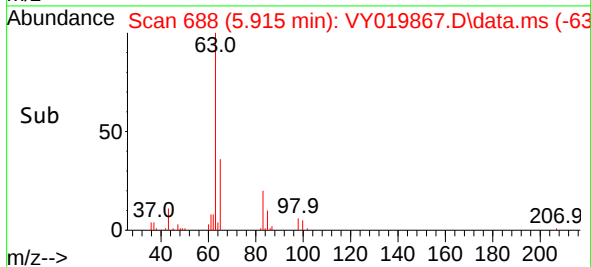
Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

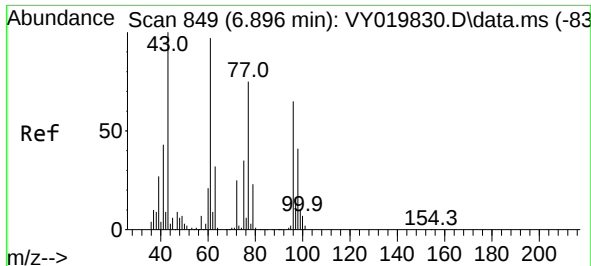


#24
 1,1-Dichloroethane
 Concen: 4.567 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42



Tgt Ion: 63 Resp: 34495
 Ion Ratio Lower Upper
 63 100
 98 5.7 4.0 12.2
 100 5.0 2.6 8.0





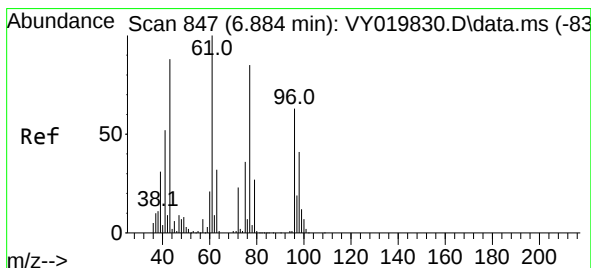
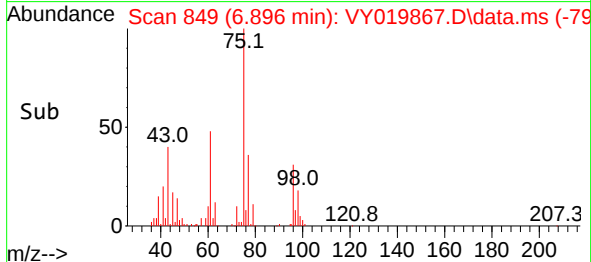
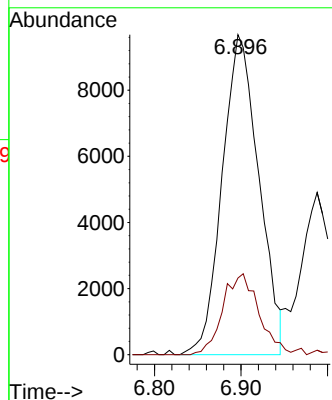
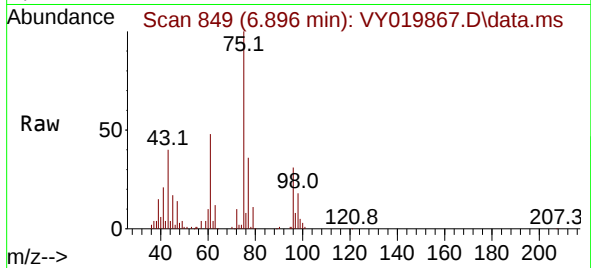
#25
2-Butanone
Concen: 20.589 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 43 Resp: 28469
Ion Ratio Lower Upper
43 100
72 24.0 27.3 40.9

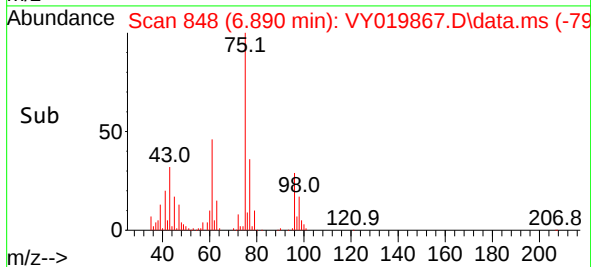
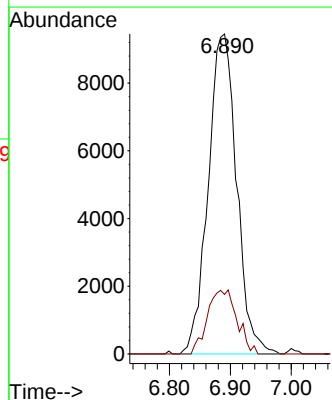
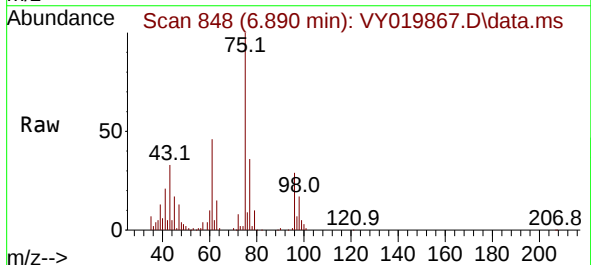
Manual Integrations
APPROVED

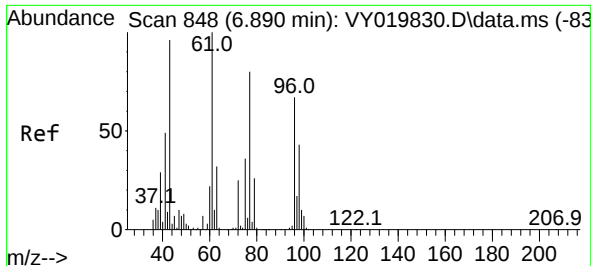
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#26
2,2-Dichloropropane
Concen: 4.558 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

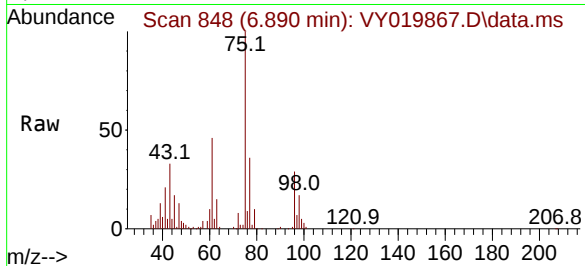
Tgt Ion: 77 Resp: 30662
Ion Ratio Lower Upper
77 100
97 20.7 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 4.480 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

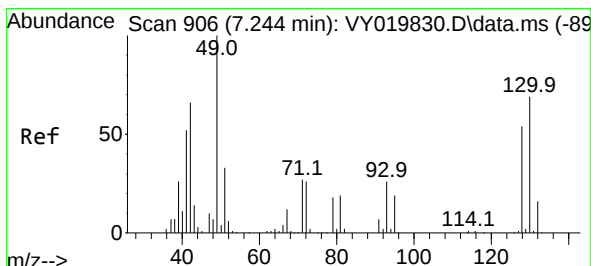
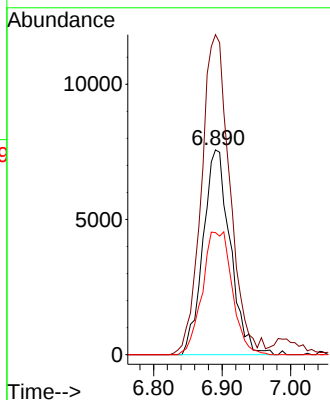
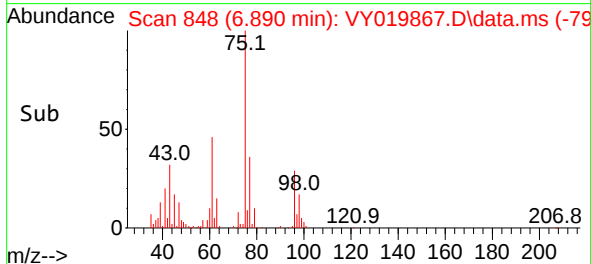
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2024



Tgt Ion: 96 Resp: 20834
 Ion Ratio Lower Upper
 96 100
 61 164.9 0.0 256.2
 98 65.9 0.0 130.0

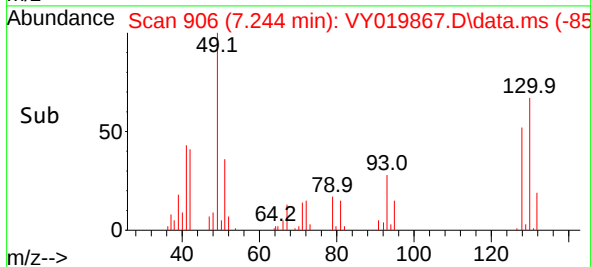
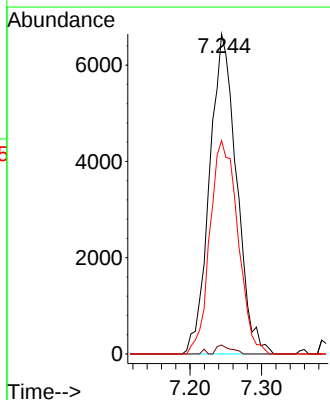
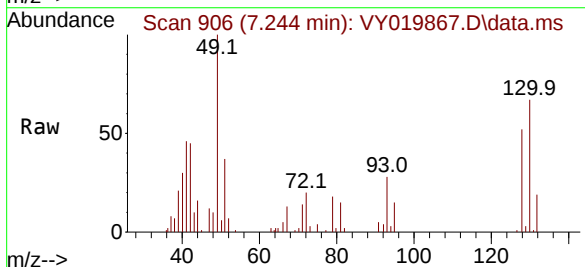
Manual Integrations
 APPROVED

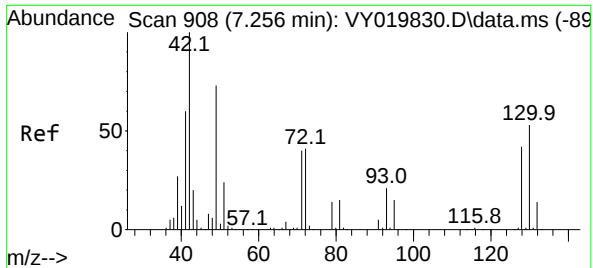
Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024



#28
 Bromochloromethane
 Concen: 5.258 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019867.D
 Acq: 11 Oct 2024 12:42

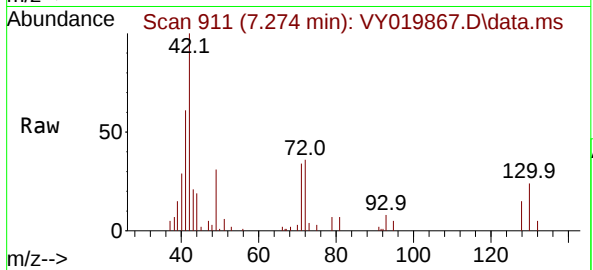
Tgt Ion: 49 Resp: 17481
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 68.6 72.7 109.1#





#29
Tetrahydrofuran
Concen: 23.993 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.013 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

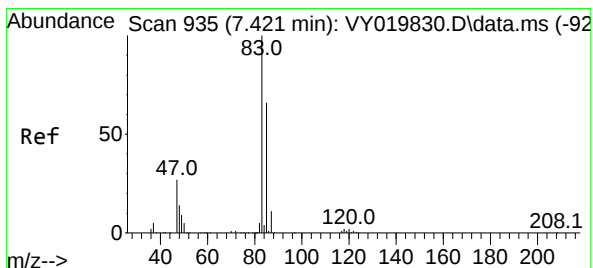
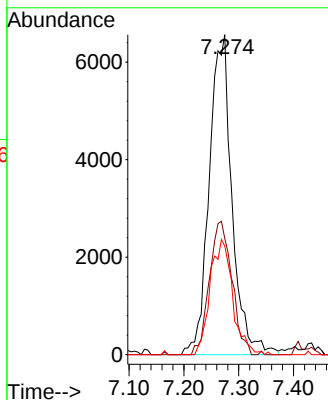
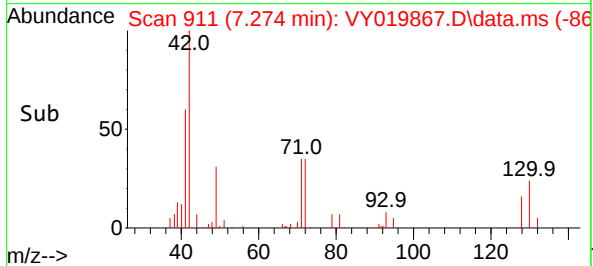
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



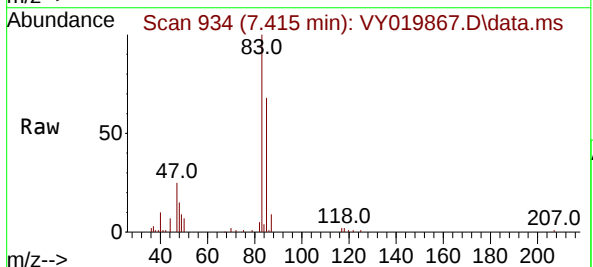
Tgt Ion: 42 Resp: 1894
Ion Ratio Lower Upper
42 100
72 41.2 43.0 64.4
71 35.6 40.8 61.2

Manual Integrations
APPROVED

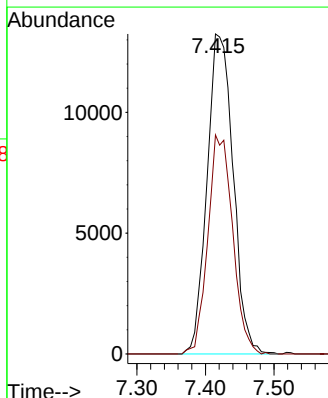
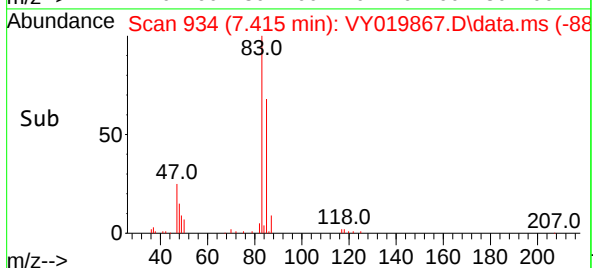
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

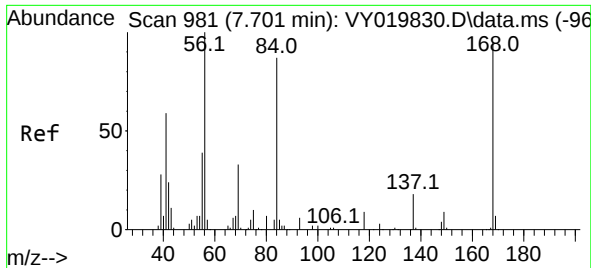


#30
Chloroform
Concen: 4.560 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42



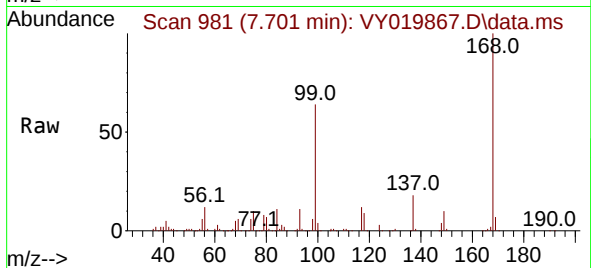
Tgt Ion: 83 Resp: 35107
Ion Ratio Lower Upper
83 100
85 68.5 52.2 78.4





#31
Cyclohexane
Concen: 5.439 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

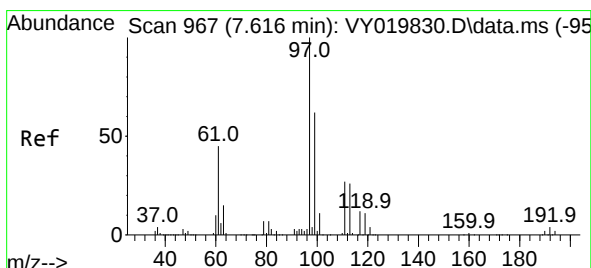
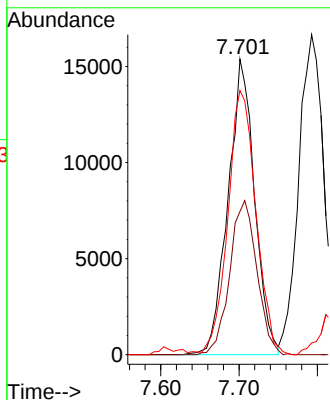
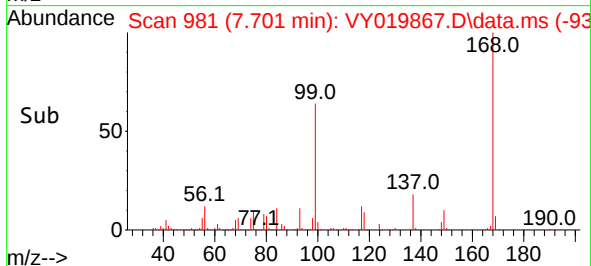
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 56 Resp: 3606
Ion Ratio Lower Upper
56 100
69 48.5 28.7 43.1
84 87.9 77.7 116.5

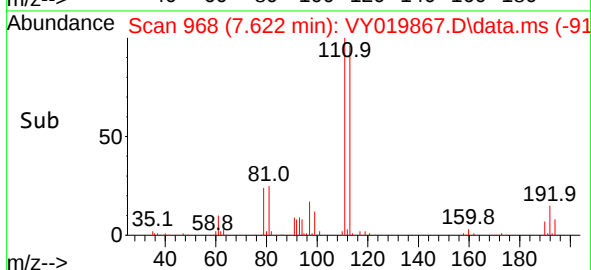
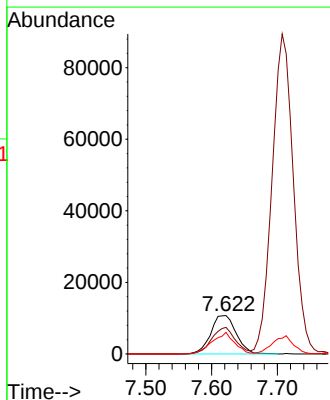
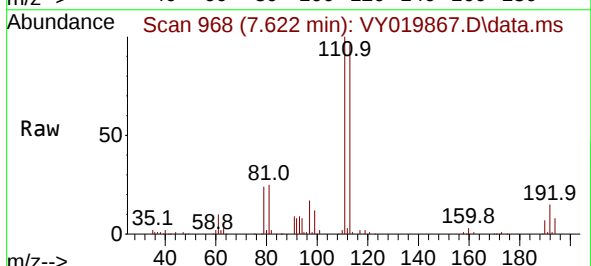
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#32
1,1,1-Trichloroethane
Concen: 4.294 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 97 Resp: 28976
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 48.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.777 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 65 Resp: 20943

Ion Ratio Lower Upper

65 100

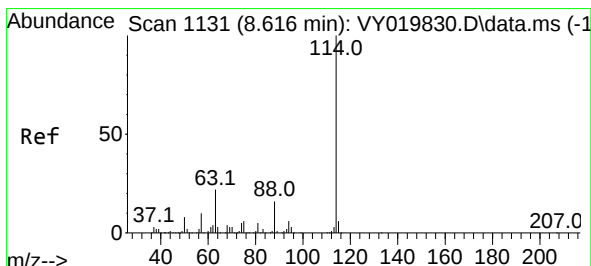
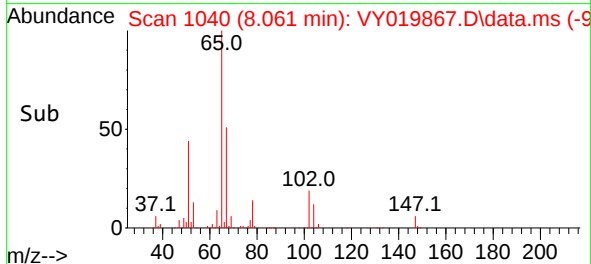
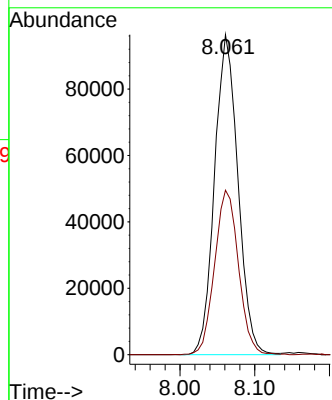
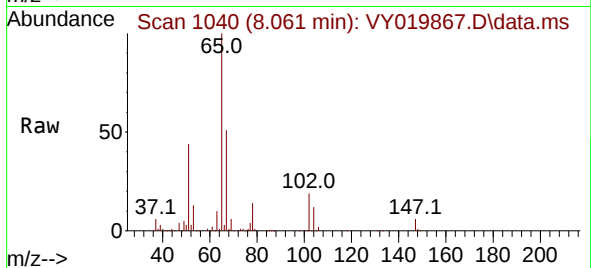
67 52.5 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

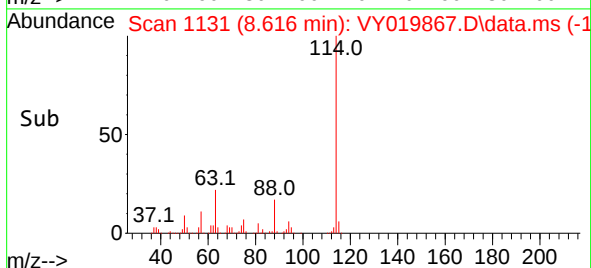
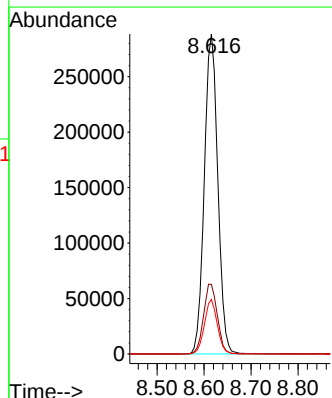
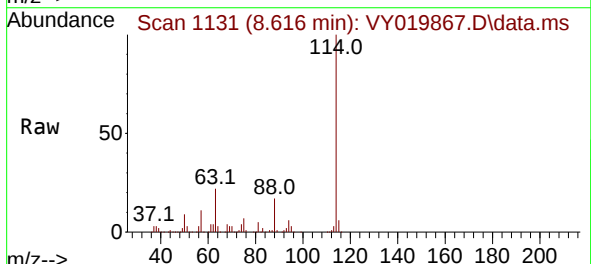
Tgt Ion:114 Resp: 574420

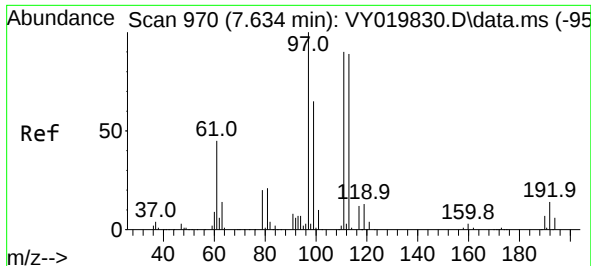
Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.0

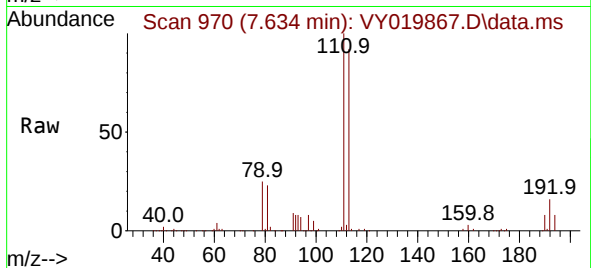
88 17.0 0.0 27.2





#35
Dibromofluoromethane
Concen: 51.556 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

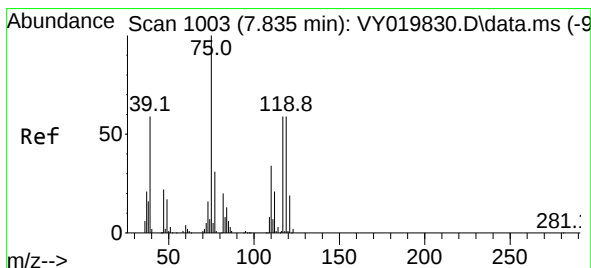
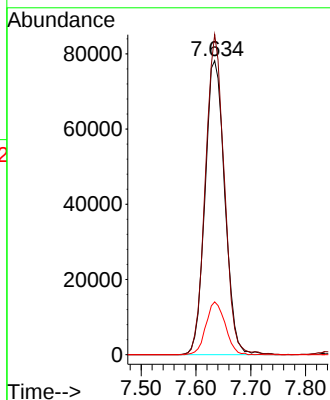
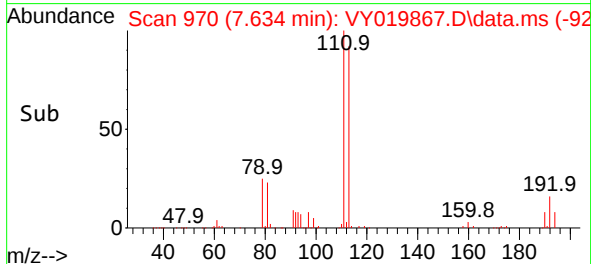
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



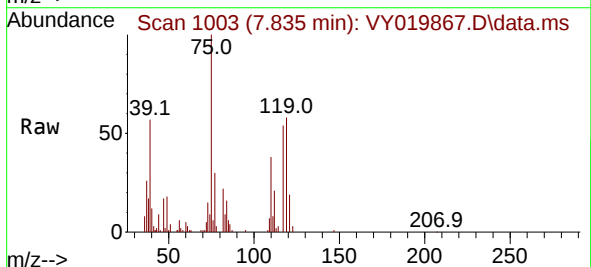
Tgt Ion: 113 Resp: 195420
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 17.5 15.9 23.9

Manual Integrations
APPROVED

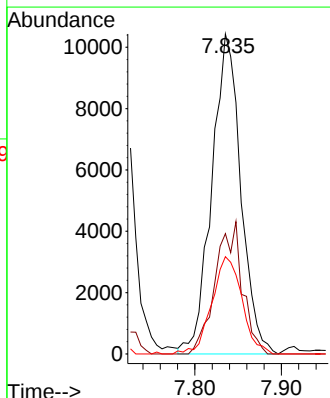
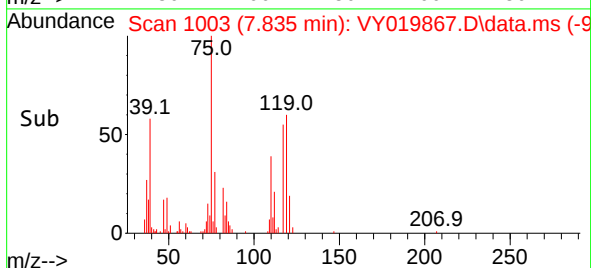
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

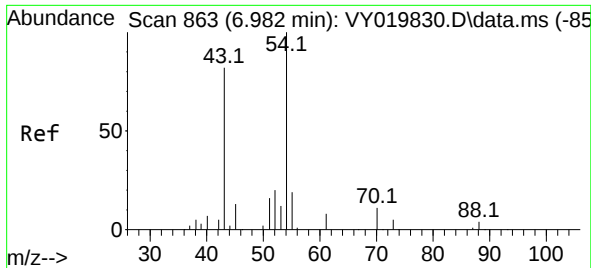


#36
1,1-Dichloropropene
Concen: 4.448 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42



Tgt Ion: 75 Resp: 24288
Ion Ratio Lower Upper
75 100
110 38.4 19.0 57.0
77 31.5 25.3 37.9





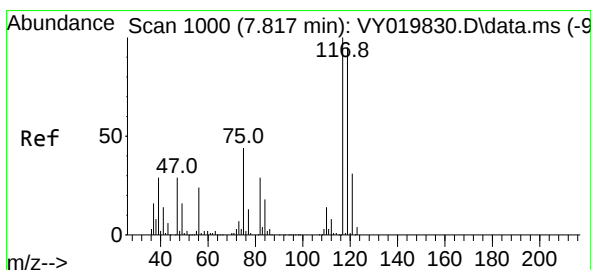
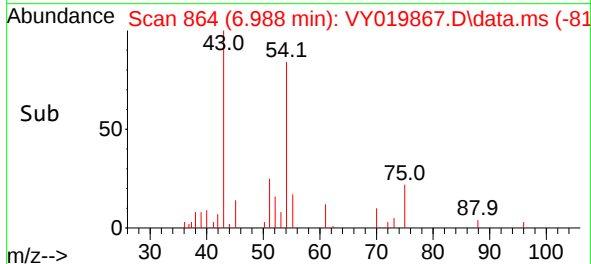
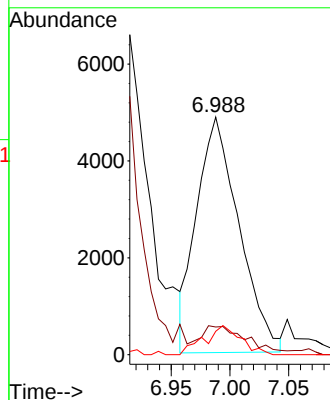
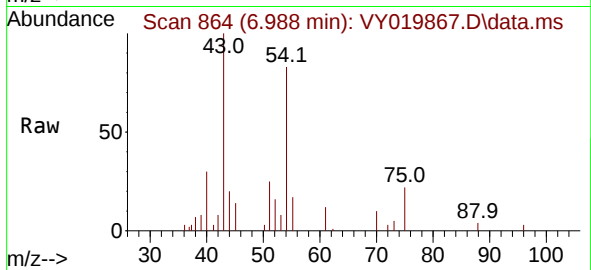
#37
Ethyl Acetate
Concen: 4.288 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 43 Resp: 12209
Ion Ratio Lower Upper
43 100
61 10.3 12.6 19.0
70 10.6 7.8 11.8

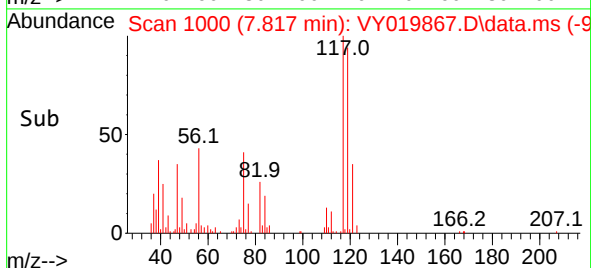
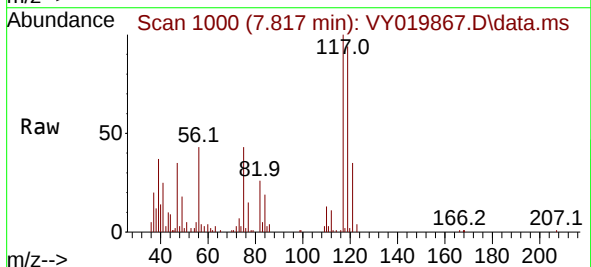
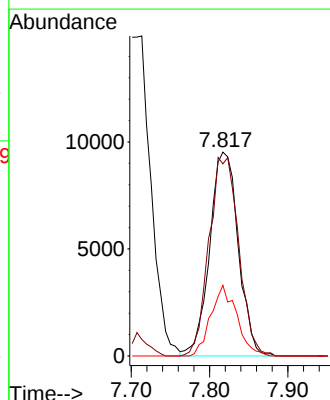
Manual Integrations
APPROVED

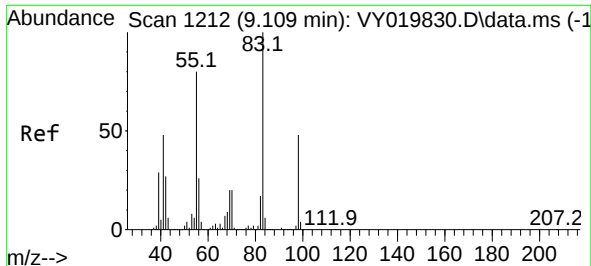
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#38
Carbon Tetrachloride
Concen: 4.134 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion:117 Resp: 24204
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.6
121 34.6 24.0 36.0





#39

Methylcyclohexane

Concen: 4.284 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

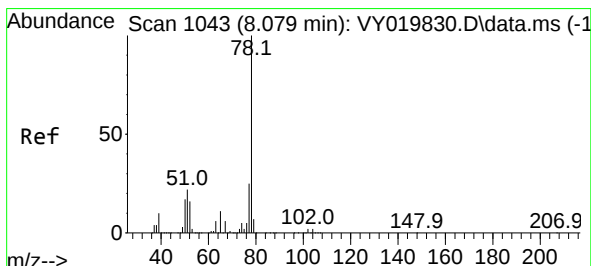
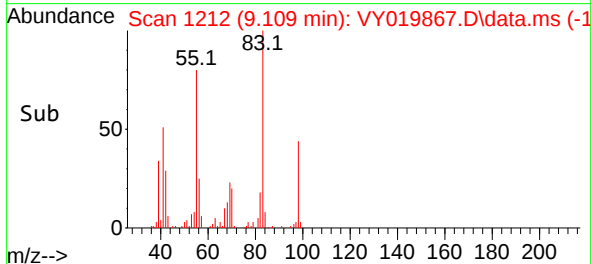
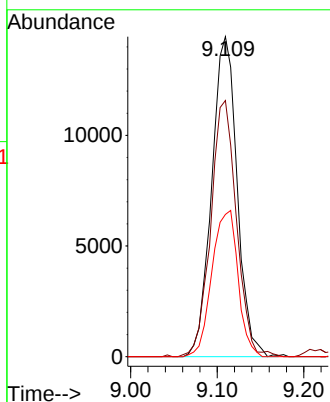
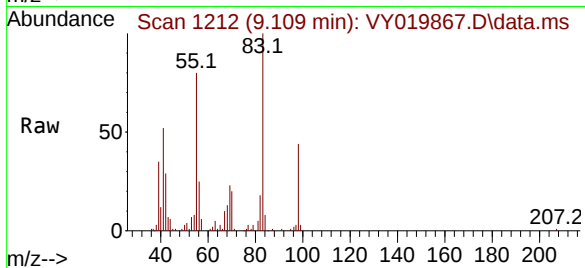
MDL-SOIL-03-QT4-2024

Tgt Ion: 83	Resp: 29480
Ion Ratio	Lower Upper
83 100	
55 80.1	51.5 77.3
98 44.5	40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#40

Benzene

Concen: 4.572 ug/l

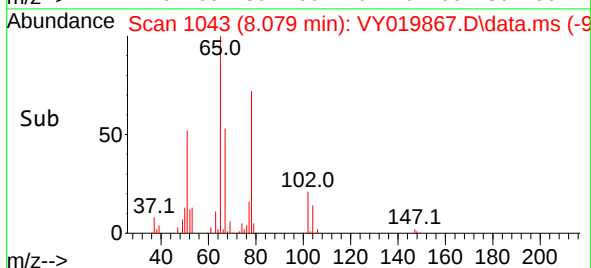
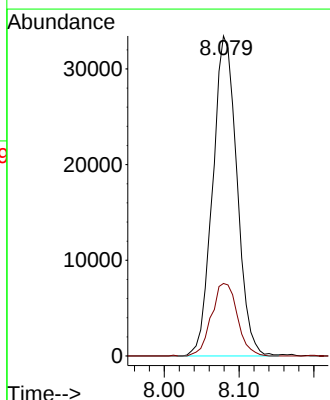
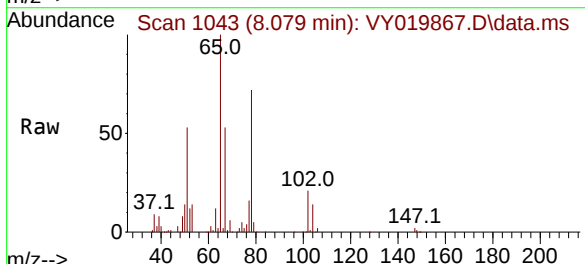
RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

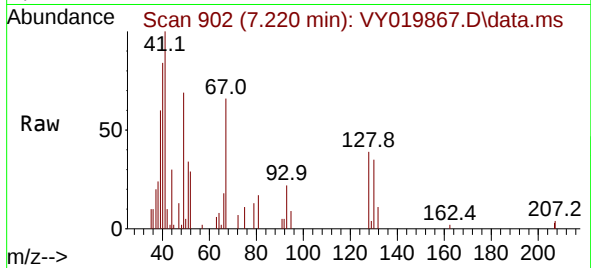
Tgt Ion: 78	Resp: 75566
Ion Ratio	Lower Upper
78 100	
77 22.6	19.5 29.3





#41
Methacrylonitrile
Concen: 3.669 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

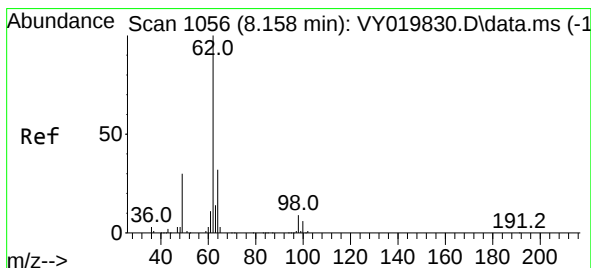
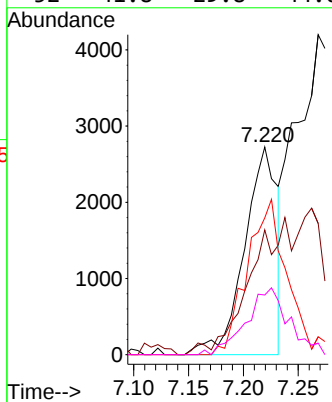
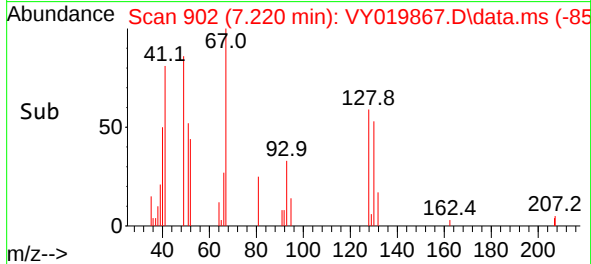
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion	Ratio	Lower	Upper
41	100		
39	81.3	48.0	72.0
67	91.0	75.1	112.7
52	41.8	29.8	44.6

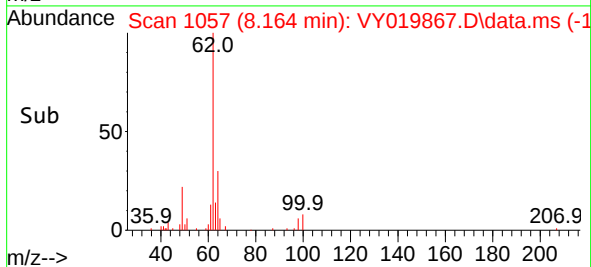
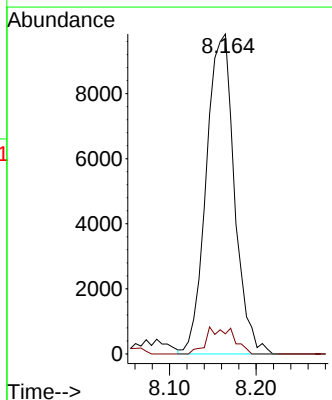
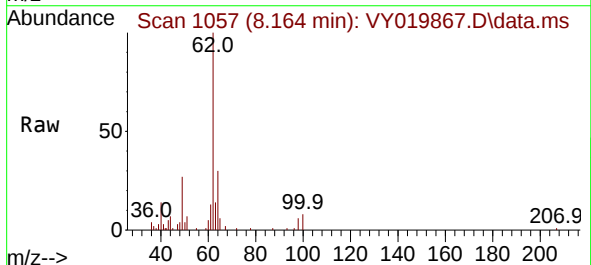
Manual Integrations
APPROVED

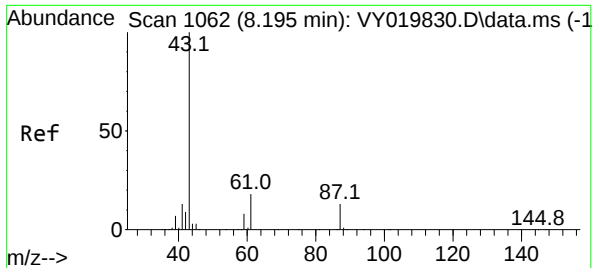
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#42
1,2-Dichloroethane
Concen: 4.671 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

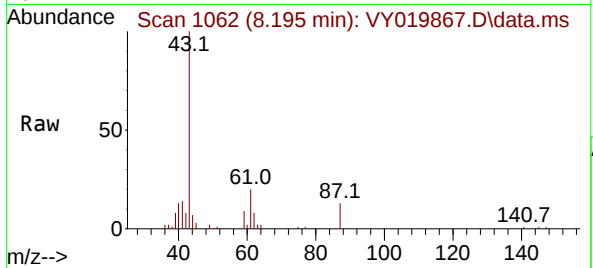
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	22.0





#43
Isopropyl Acetate
Concen: 4.185 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

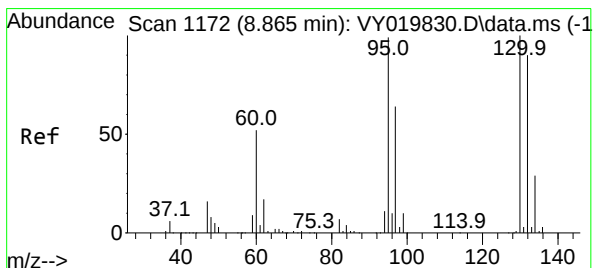
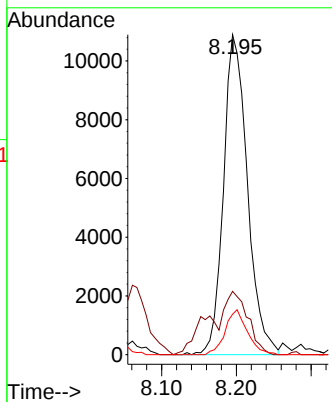
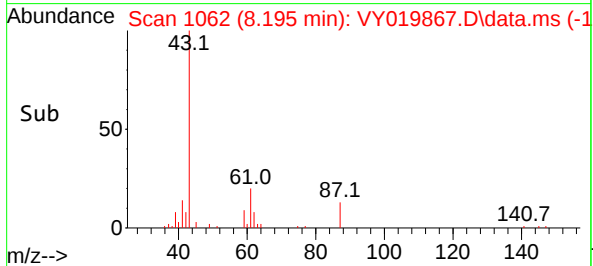
Instrument : MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 43 Resp: 24300
Ion Ratio Lower Upper
43 100
61 19.4 27.9 41.9
87 13.0 13.1 19.7

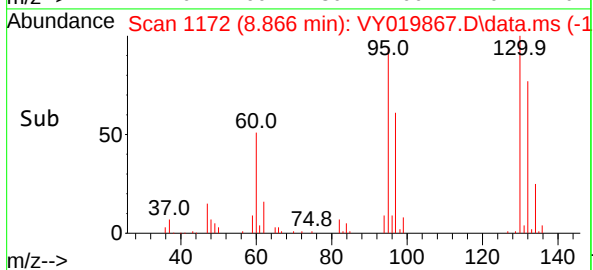
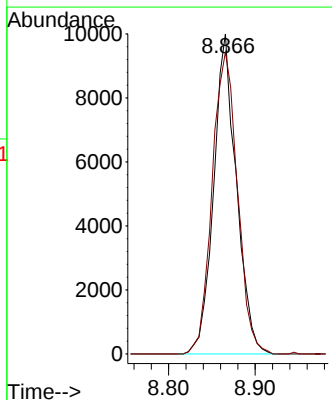
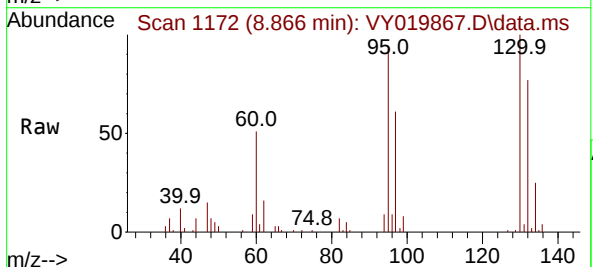
Manual Integrations
APPROVED

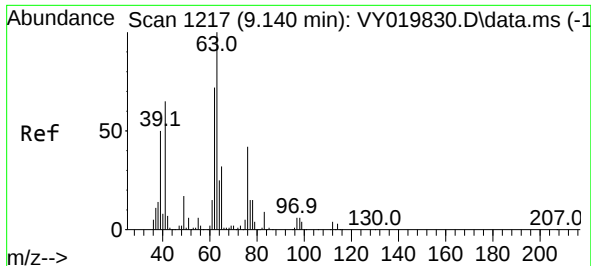
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#44
Trichloroethene
Concen: 4.551 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion:130 Resp: 18218
Ion Ratio Lower Upper
130 100
95 94.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 4.636 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 63 Resp: 19179

Ion Ratio Lower Upper

63 100

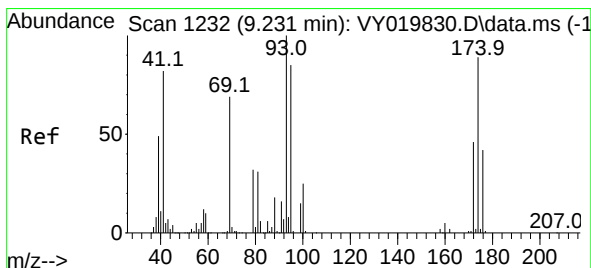
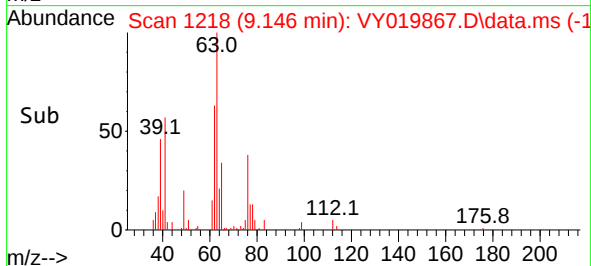
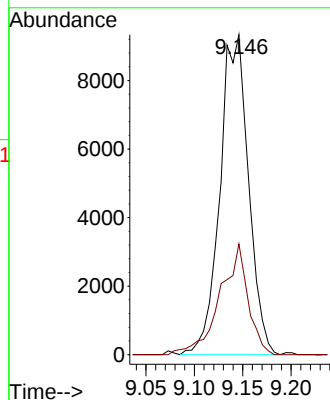
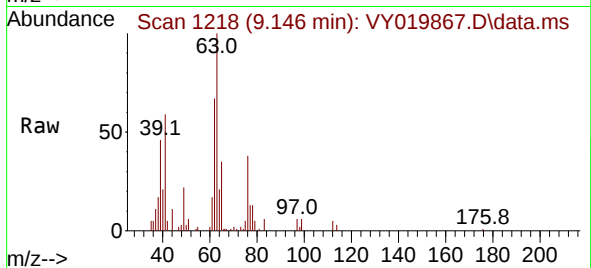
65 34.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#46

Dibromomethane

Concen: 4.452 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

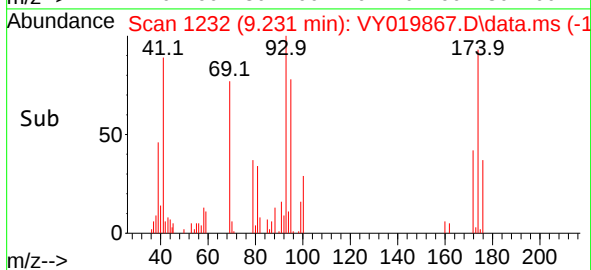
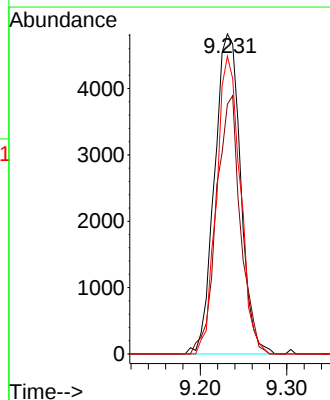
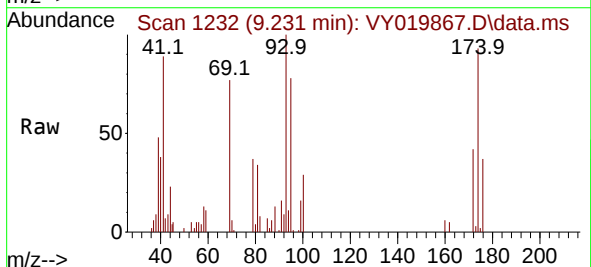
Tgt Ion: 93 Resp: 10062

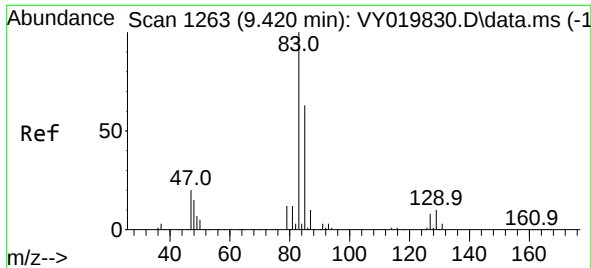
Ion Ratio Lower Upper

93 100

95 75.0 66.2 99.4

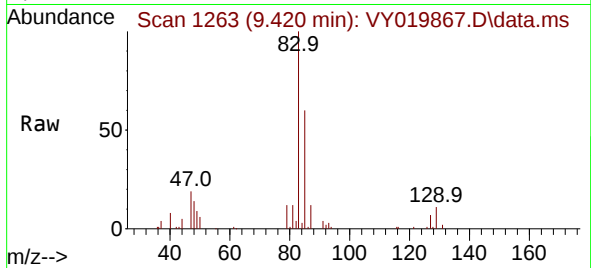
174 85.2 80.9 121.3





#47
Bromodichloromethane
Concen: 4.094 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

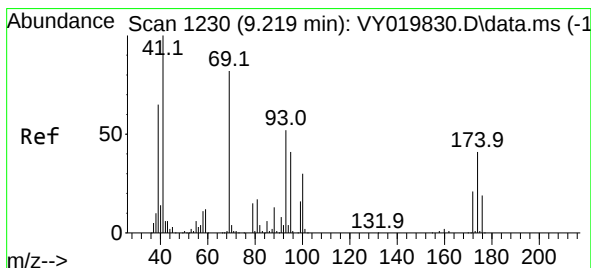
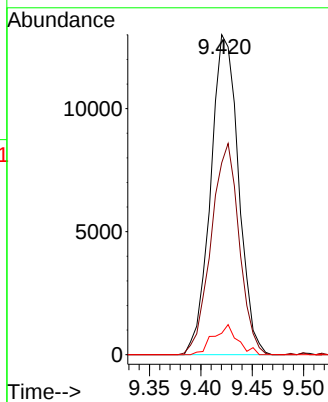
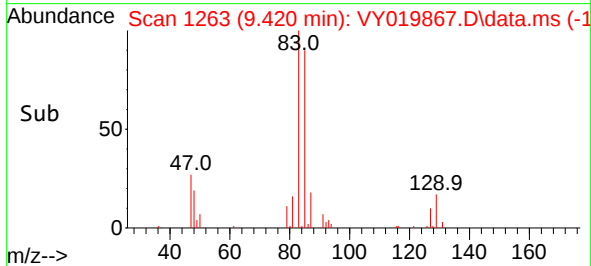
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024



Tgt Ion: 83 Resp: 2455
Ion Ratio Lower Upper
83 100
85 59.9 50.1 75.1
127 6.7 7.4 11.0

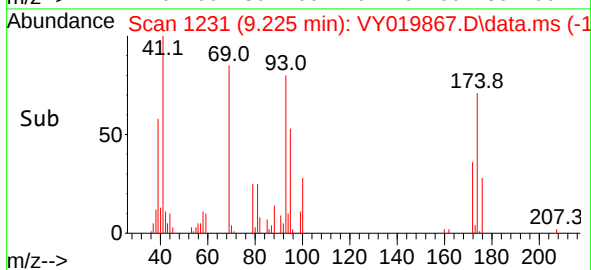
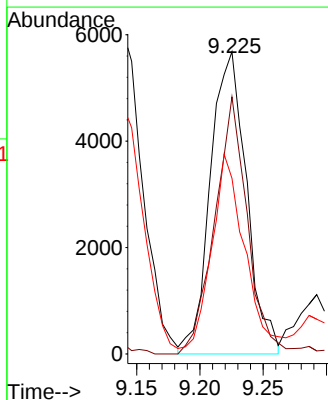
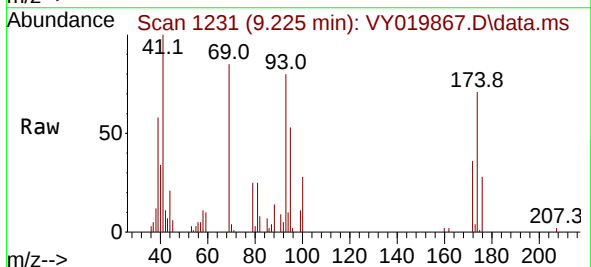
Manual Integrations
APPROVED

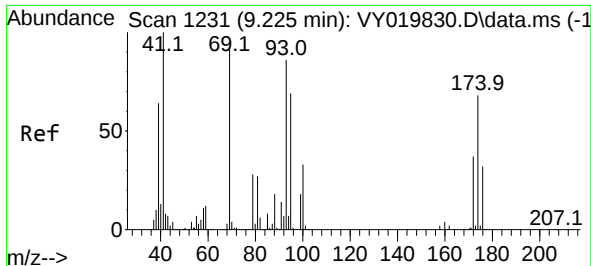
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#48
Methyl methacrylate
Concen: 4.406 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 41 Resp: 11256
Ion Ratio Lower Upper
41 100
69 76.8 84.1 126.1#
39 58.5 43.6 65.4





#49

1,4-Dioxane

Concen: 82.940 ug/l

RT: 9.237 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019867.D

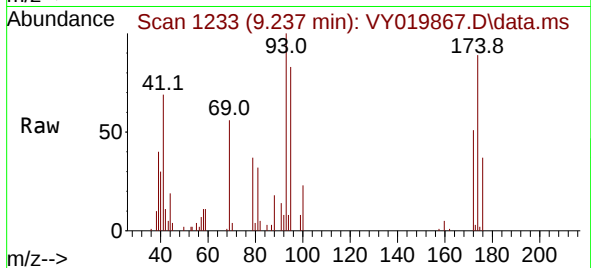
Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

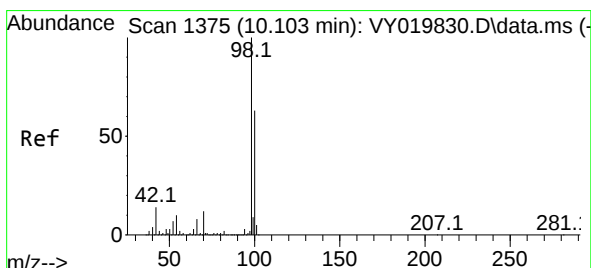
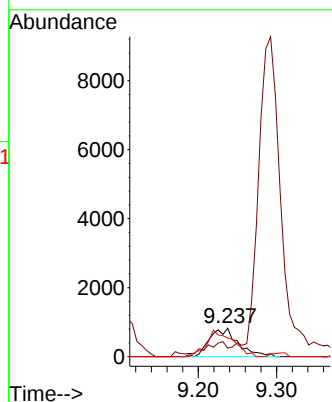
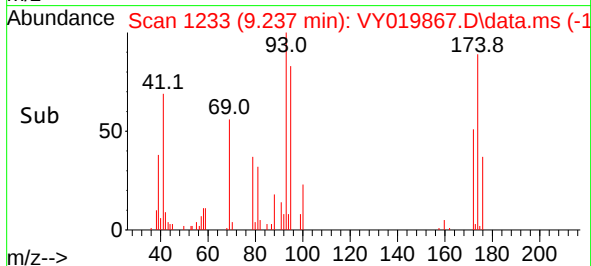


Tgt Ion:	88	Resp:	2098
Ion	Ratio	Lower	Upper
88	100		
43	27.7	0.0	0.0
58	83.5	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#50

Toluene-d8

Concen: 51.727 ug/l

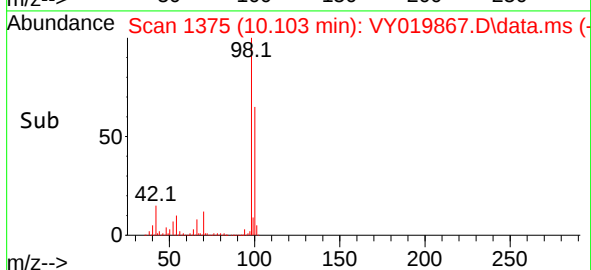
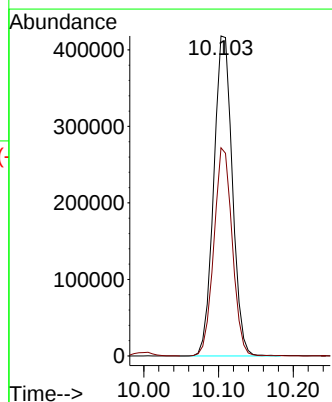
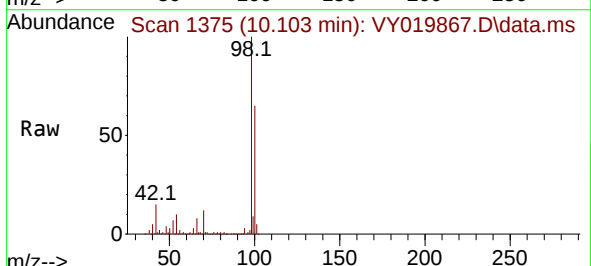
RT: 10.103 min Scan# 1375

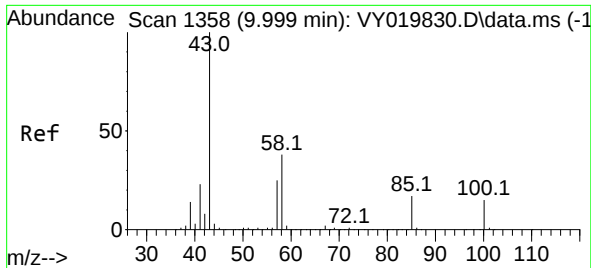
Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Tgt Ion:	98	Resp:	724072
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0





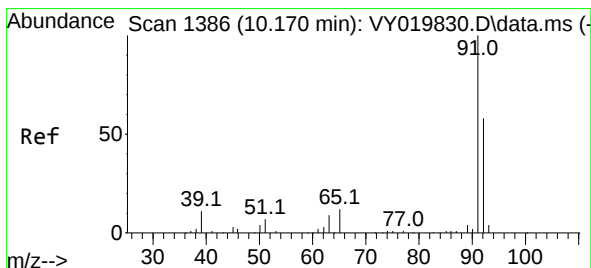
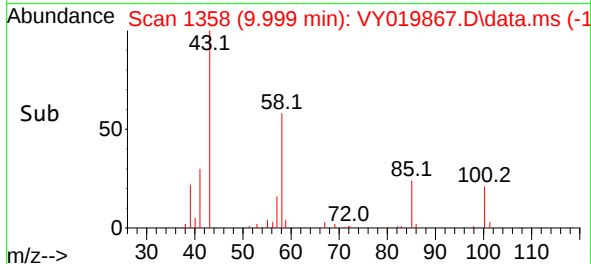
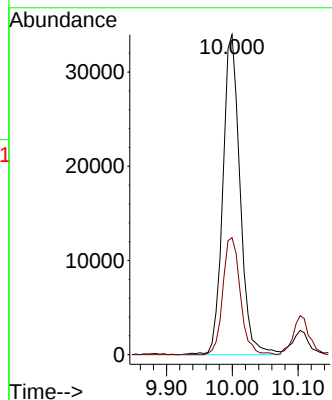
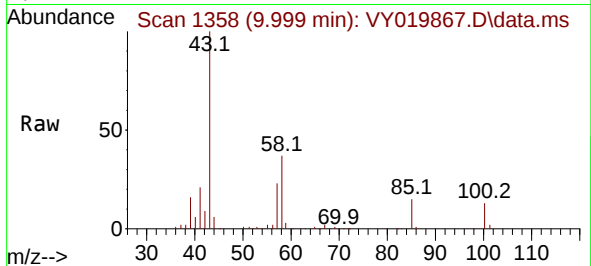
#51
4-Methyl-2-Pentanone
Concen: 20.888 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion: 43 Resp: 6187
Ion Ratio Lower Upper
43 100
58 37.2 35.7 53.5

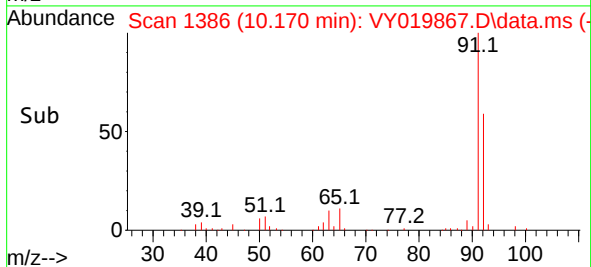
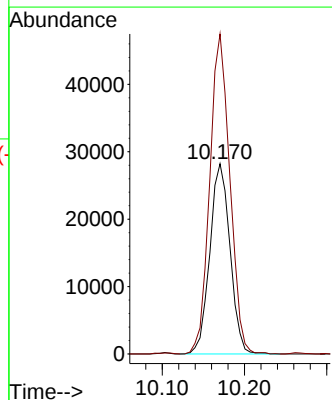
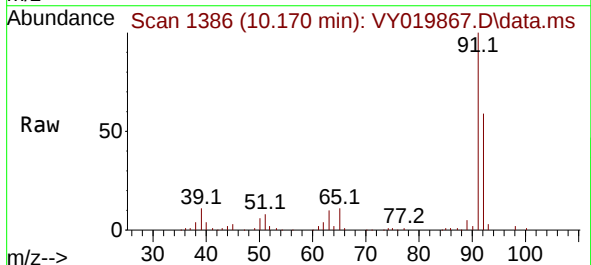
Manual Integrations
APPROVED

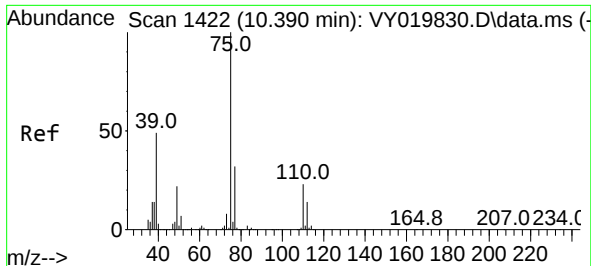
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#52
Toluene
Concen: 4.670 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 92 Resp: 48180
Ion Ratio Lower Upper
92 100
91 167.5 139.0 208.6





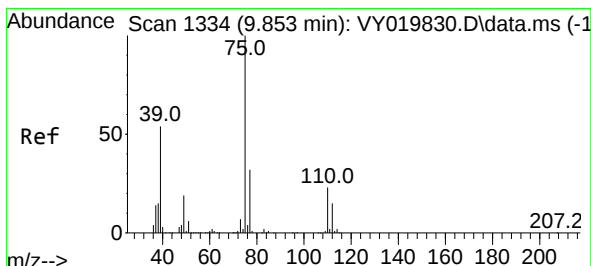
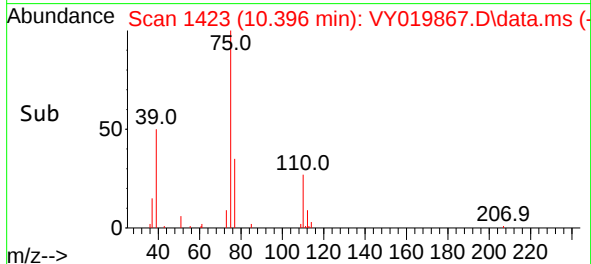
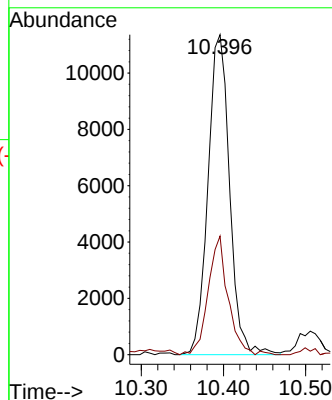
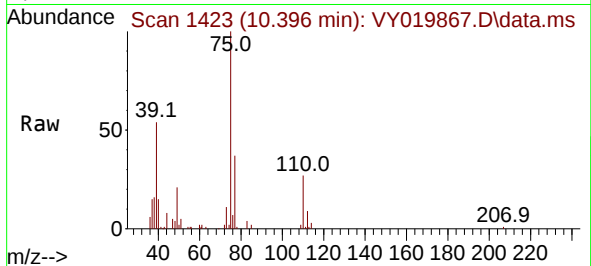
#53
t-1,3-Dichloropropene
Concen: 3.840 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion: 75 Resp: 20725
Ion Ratio Lower Upper
75 100
77 37.0 24.1 36.1

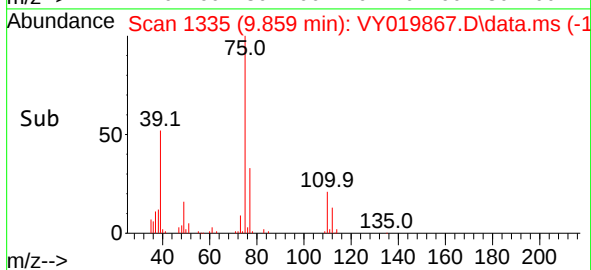
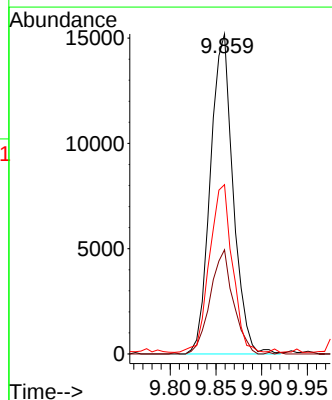
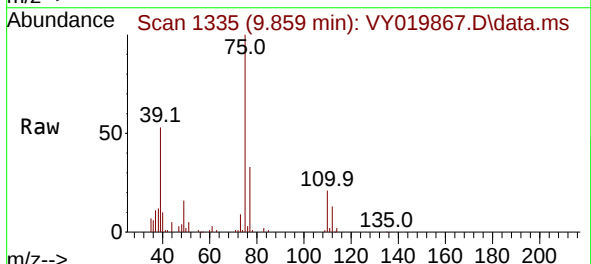
Manual Integrations
APPROVED

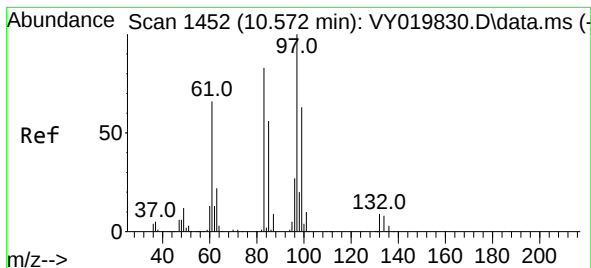
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#54
cis-1,3-Dichloropropene
Concen: 4.129 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 75 Resp: 26297
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 52.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 4.411 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019867.D

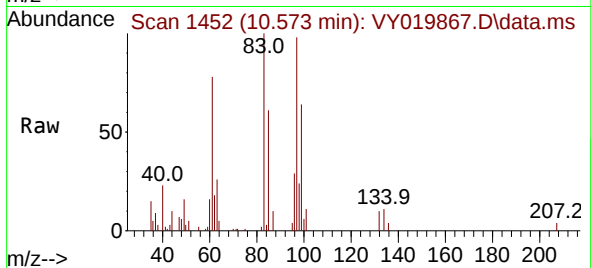
Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024



Tgt Ion: 97 Resp: 1313

Ion Ratio Lower Upper

97 100

83 101.9 67.5 101.3

85 62.4 42.9 64.3

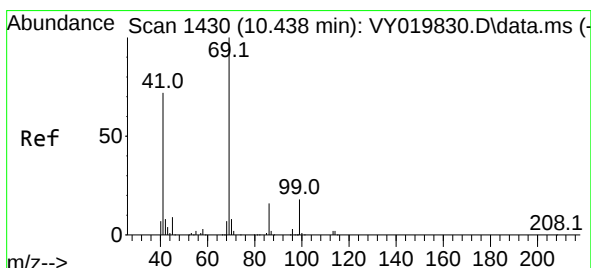
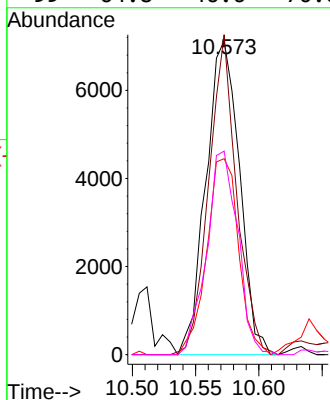
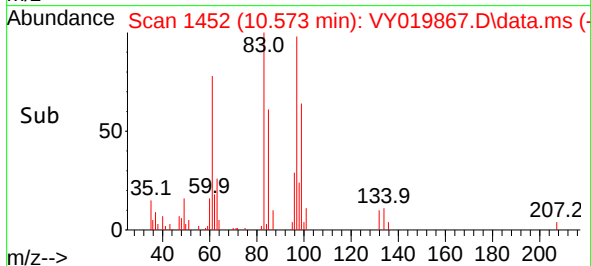
99 64.8 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#56

Ethyl methacrylate

Concen: 4.045 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

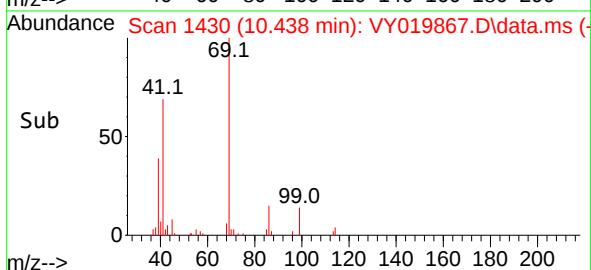
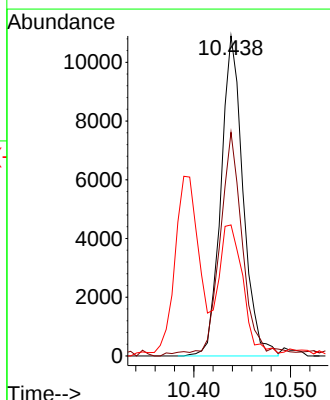
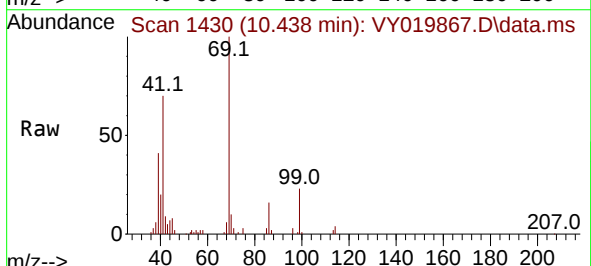
Tgt Ion: 69 Resp: 17283

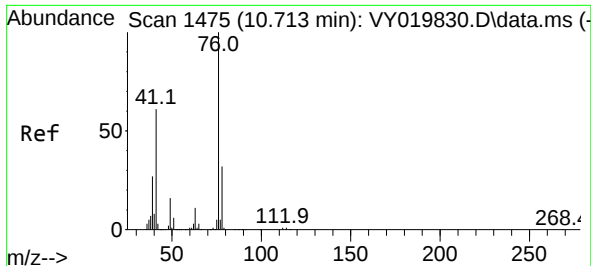
Ion Ratio Lower Upper

69 100

41 72.7 42.3 63.5#

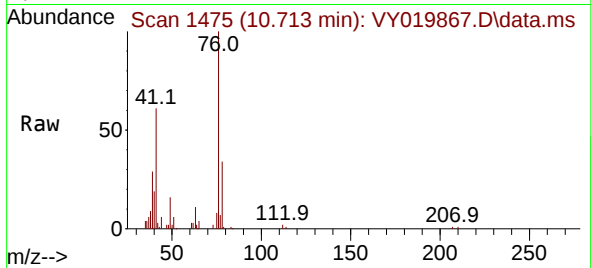
39 44.7 22.9 34.3#





#57
1,3-Dichloropropane
Concen: 4.230 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

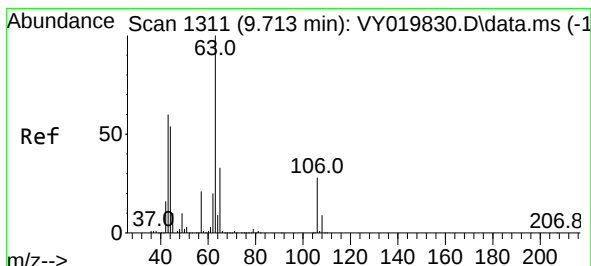
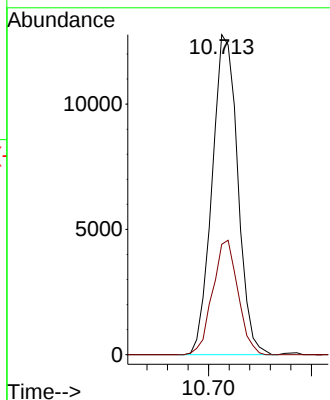
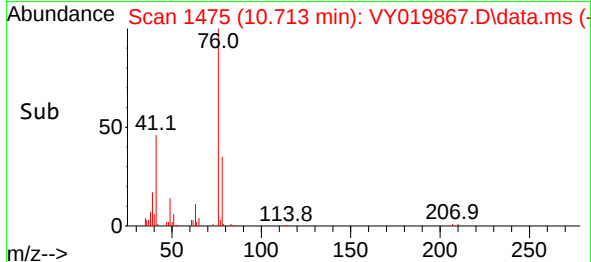
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024



Tgt Ion: 76 Resp: 22118
Ion Ratio Lower Upper
76 100
78 35.4 26.2 39.4

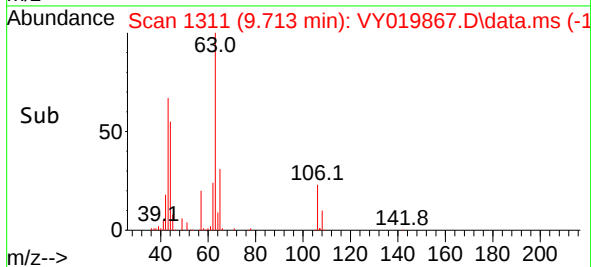
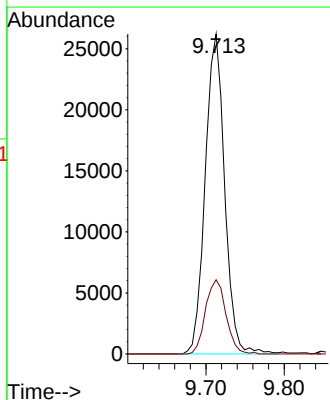
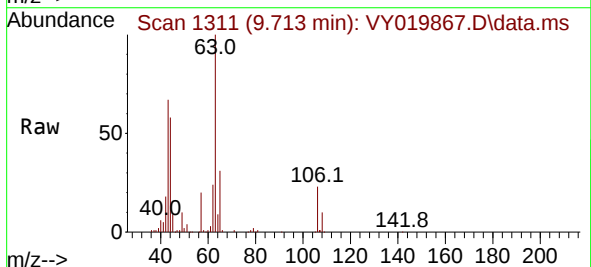
Manual Integrations
APPROVED

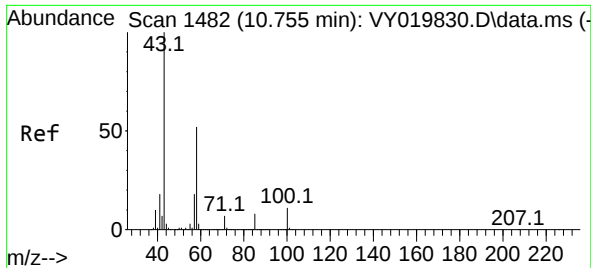
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 22.678 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

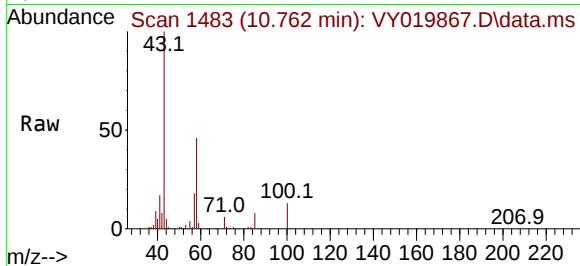
Tgt Ion: 63 Resp: 45108
Ion Ratio Lower Upper
63 100
106 24.5 23.7 35.5





#59
2-Hexanone
Concen: 19.834 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

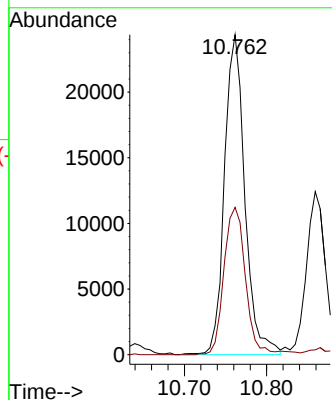
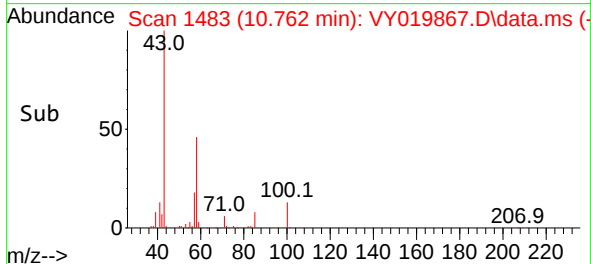
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 43 Resp: 4196
Ion Ratio Lower Upper
43 100
58 48.2 31.4 94.0

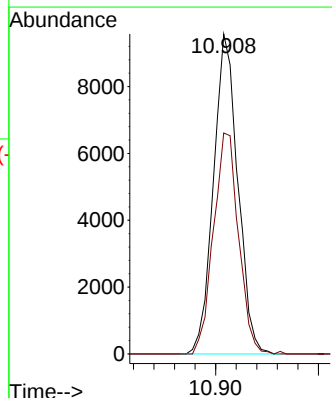
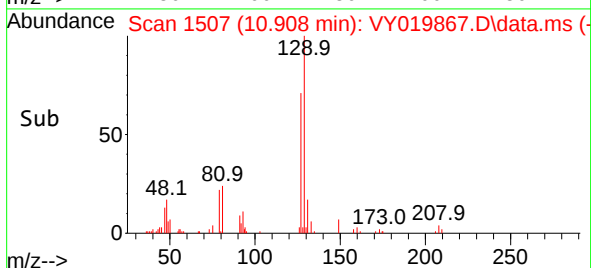
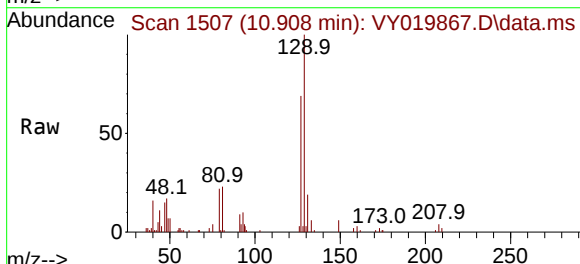
Manual Integrations
APPROVED

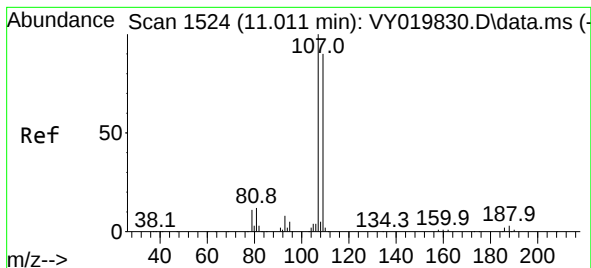
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#60
Dibromochloromethane
Concen: 4.115 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion:129 Resp: 15727
Ion Ratio Lower Upper
129 100
127 71.2 39.0 117.0





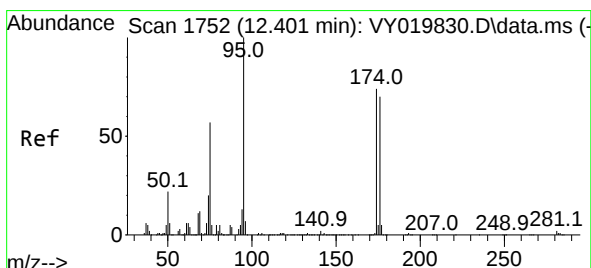
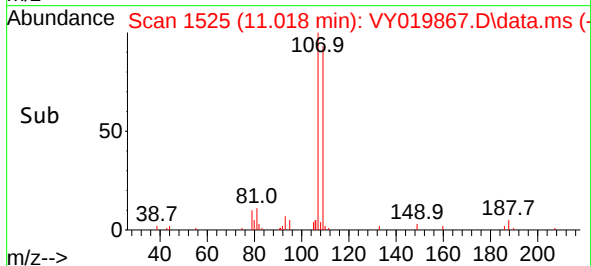
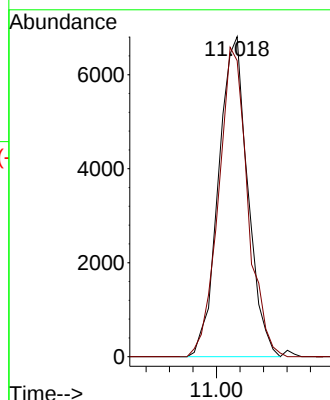
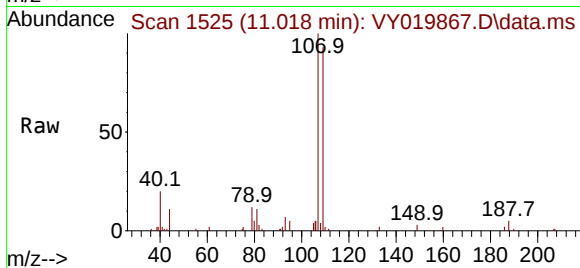
#61
1,2-Dibromoethane
Concen: 4.367 ug/l
RT: 11.018 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion:107 Resp: 1175
Ion Ratio Lower Upper
107 100
109 96.7 75.9 113.9

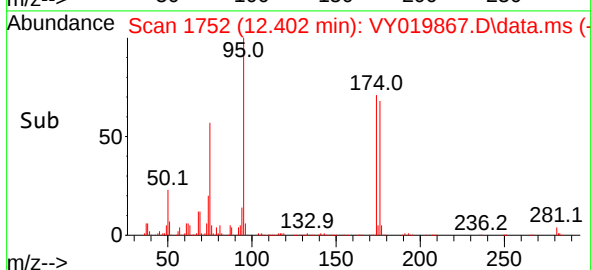
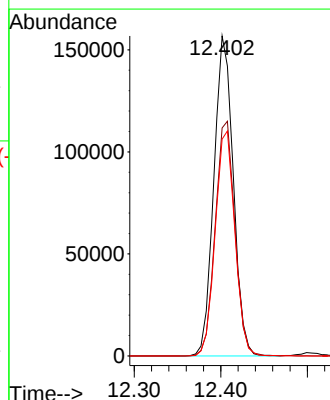
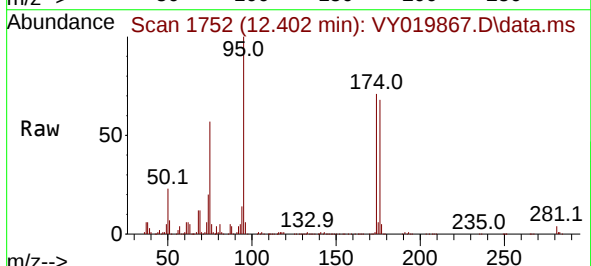
Manual Integrations
APPROVED

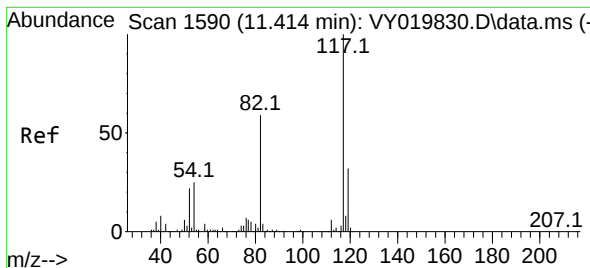
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#62
4-Bromofluorobenzene
Concen: 48.254 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 95 Resp: 244063
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 71.3 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: VY019867.D

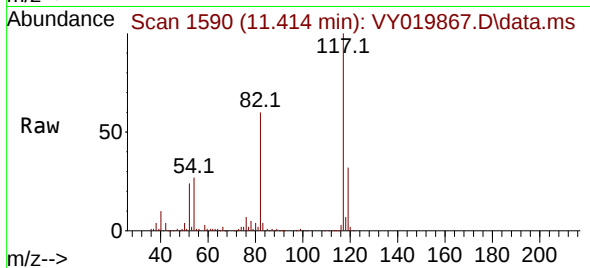
Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024



Tgt Ion:117 Resp: 48456

Ion Ratio Lower Upper

117 100

82 60.2 42.4 63.6

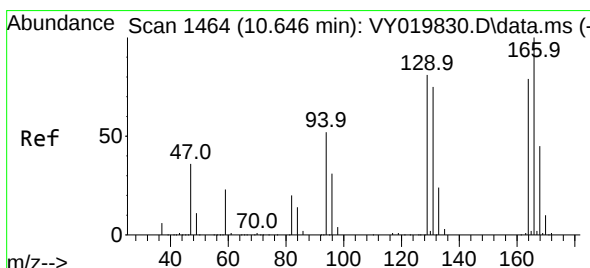
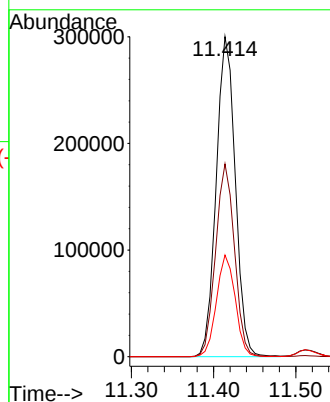
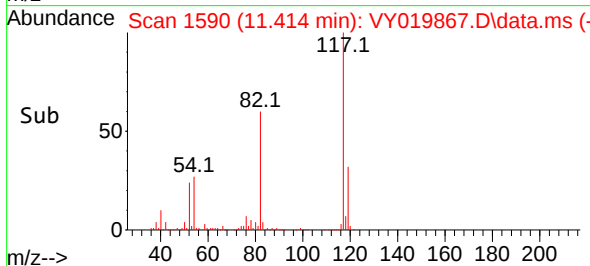
119 31.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#64

Tetrachloroethene

Concen: 4.262 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Tgt Ion:164 Resp: 14688

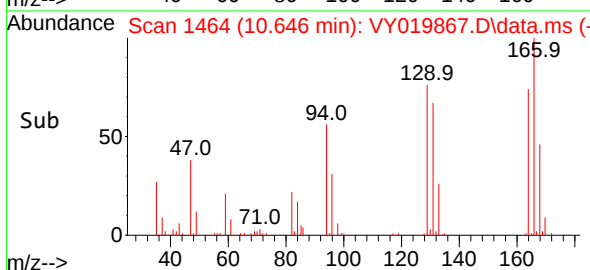
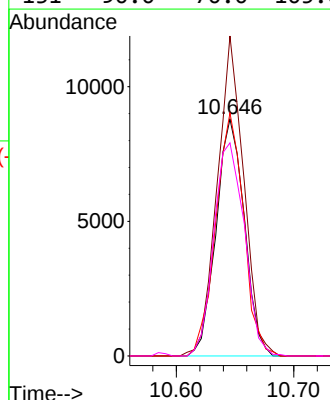
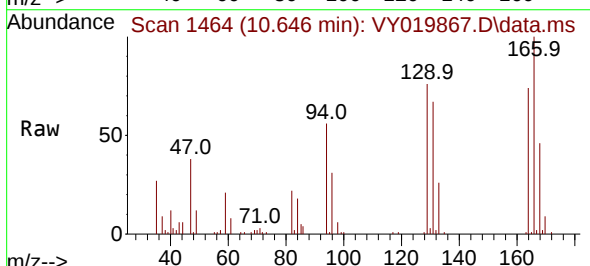
Ion Ratio Lower Upper

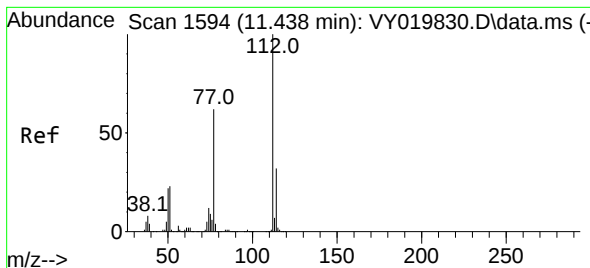
164 100

166 135.1 102.6 154.0

129 102.6 72.0 108.0

131 90.0 70.0 105.0





#65

Chlorobenzene

Concen: 4.214 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion:112 Resp: 46700

Ion Ratio Lower Upper

112 100

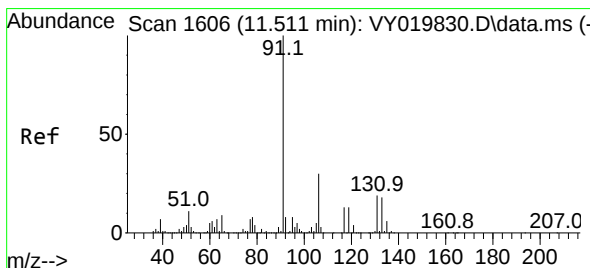
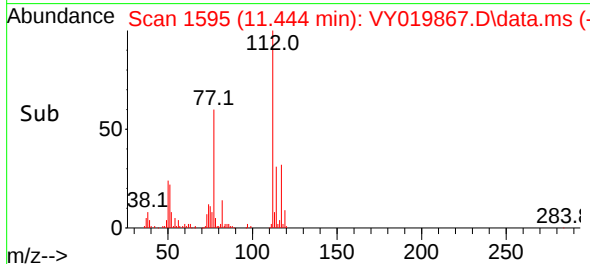
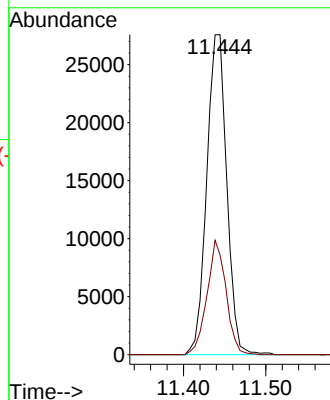
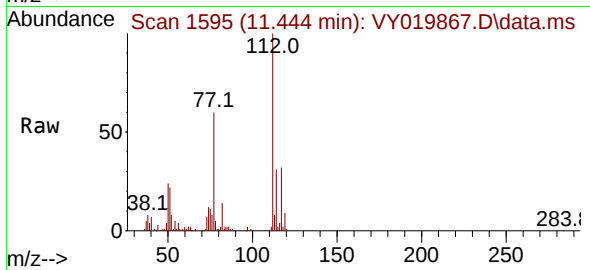
114 31.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 4.004 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

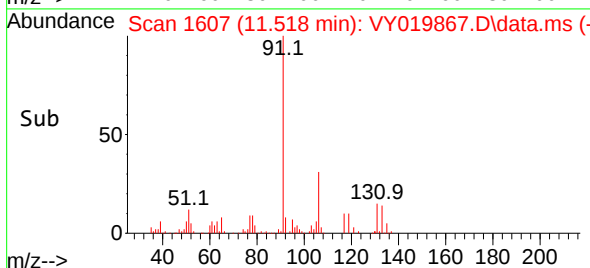
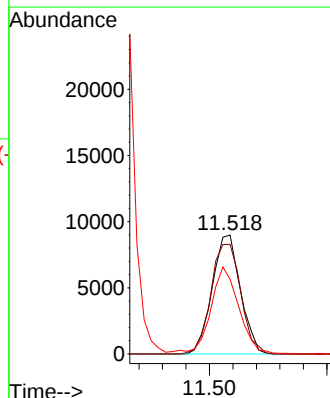
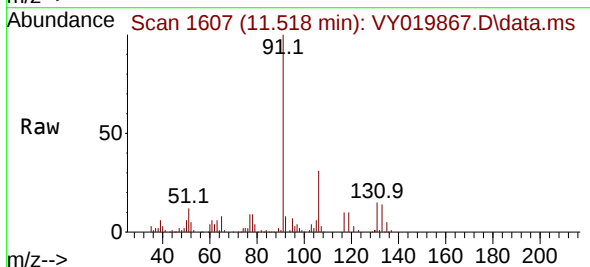
Tgt Ion:131 Resp: 15016

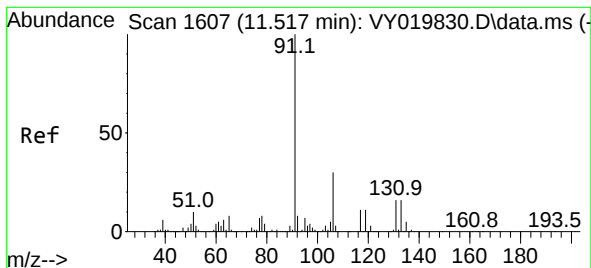
Ion Ratio Lower Upper

131 100

133 97.6 47.8 143.3

119 72.6 34.1 102.2





#67

Ethyl Benzene

Concen: 4.342 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 91 Resp: 87418

Ion Ratio Lower Upper

91 100

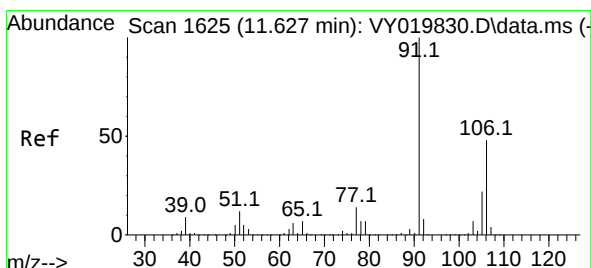
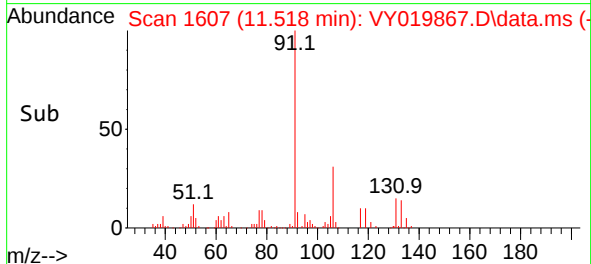
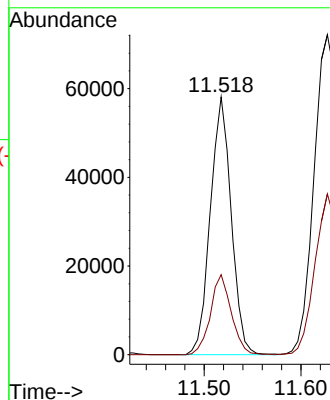
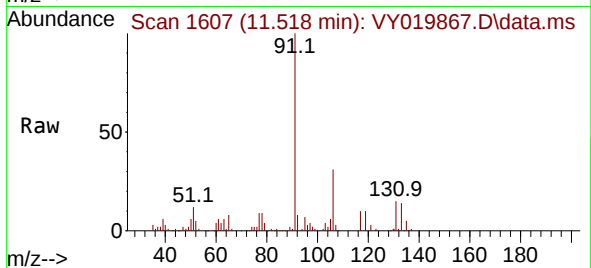
106 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#68

m/p-Xylenes

Concen: 8.545 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019867.D

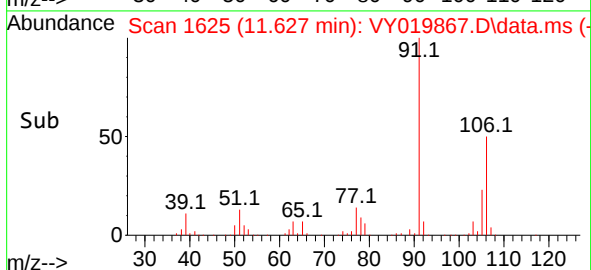
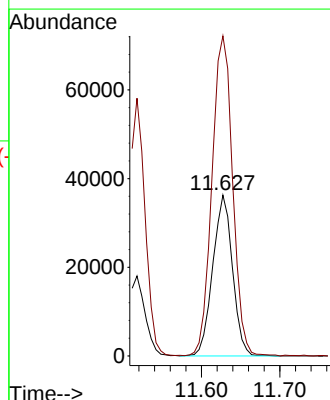
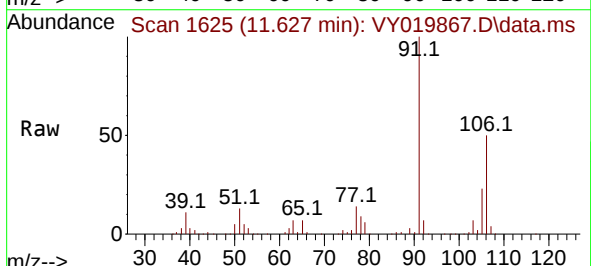
Acq: 11 Oct 2024 12:42

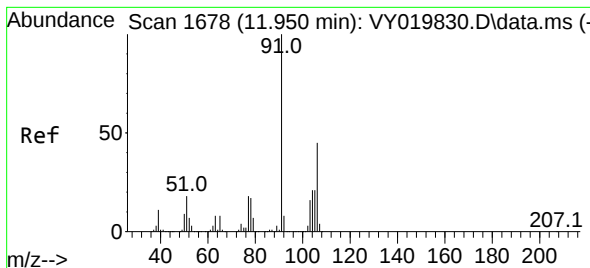
Tgt Ion:106 Resp: 63535

Ion Ratio Lower Upper

106 100

91 208.5 156.0 234.0





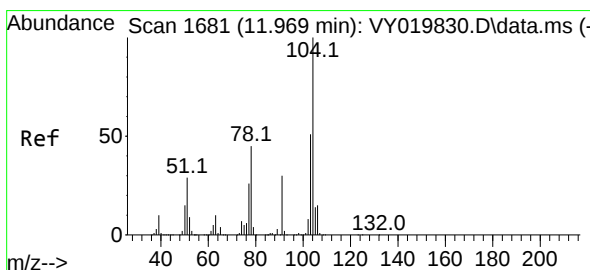
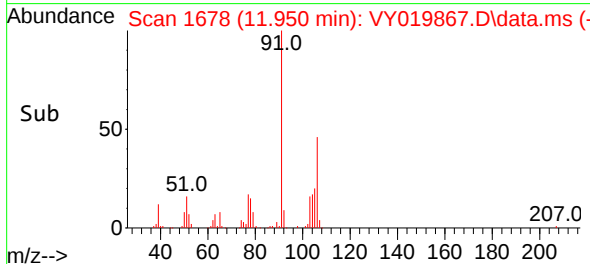
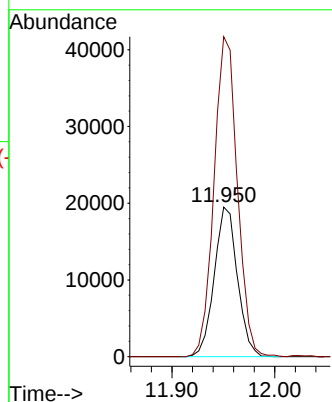
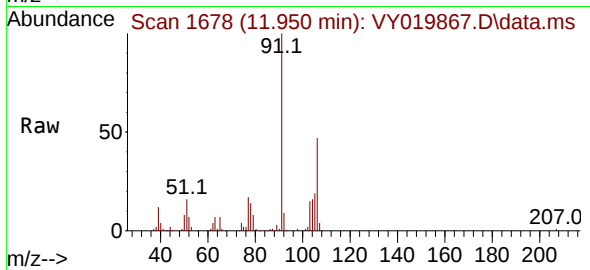
#69
o-Xylene
Concen: 4.263 ug/l
RT: 11.950 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion:106 Resp: 30450
Ion Ratio Lower Upper
106 100
91 215.9 103.6 310.8

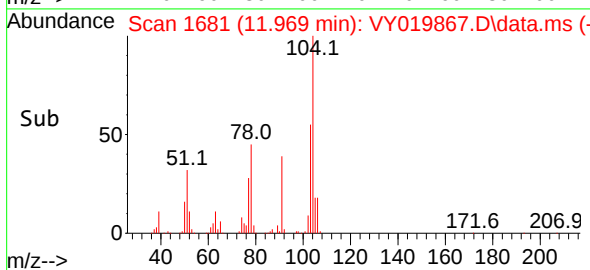
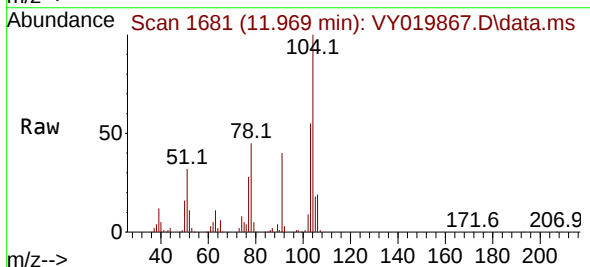
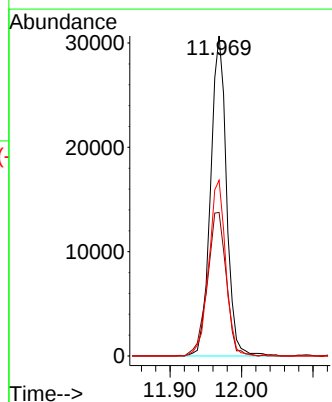
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#70
Styrene
Concen: 3.941 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion:104 Resp: 47505
Ion Ratio Lower Upper
104 100
78 53.2 37.0 55.4
103 58.1 44.2 66.2





#71

Bromoform

Concen: 3.882 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

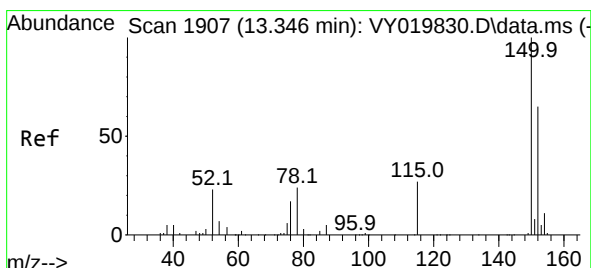
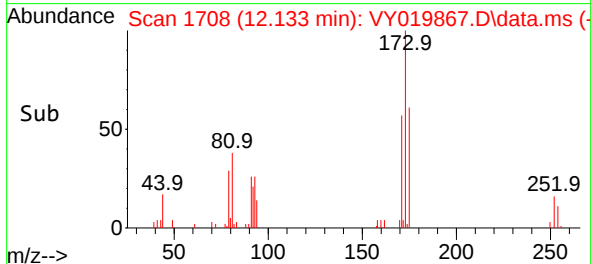
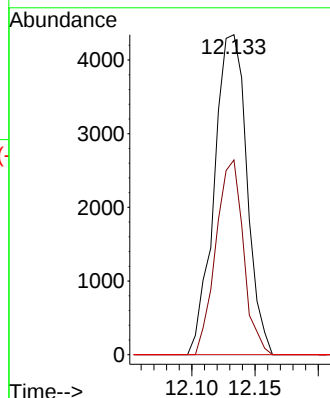
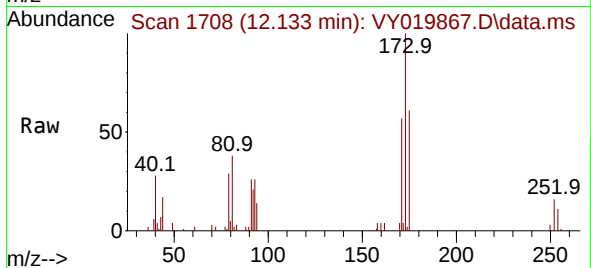
MDL-SOIL-03-QT4-2024

Tgt Ion:173	Resp:	779
Ion Ratio	Lower	Upper
173	100	
175	51.3	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

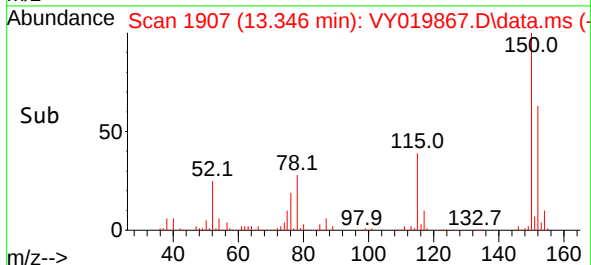
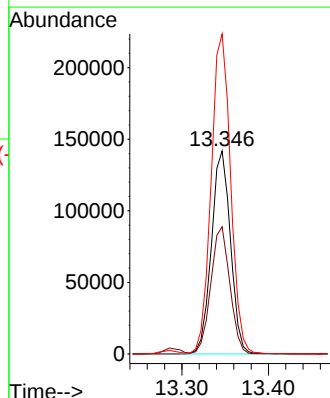
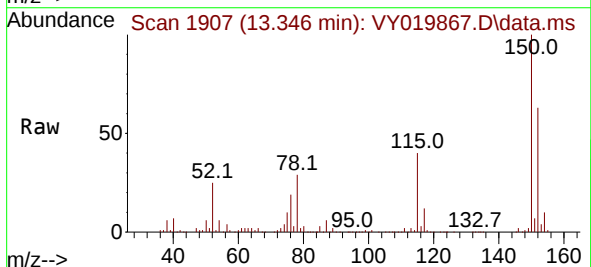
RT: 13.346 min Scan# 1907

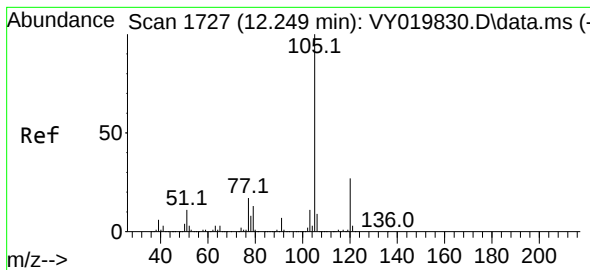
Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Tgt Ion:152	Resp:	216698
Ion Ratio	Lower	Upper
152	100	
115	62.4	28.2 84.7
150	160.9	0.0 345.6





#73

Isopropylbenzene

Concen: 4.368 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion:105 Resp: 7961

Ion Ratio Lower Upper

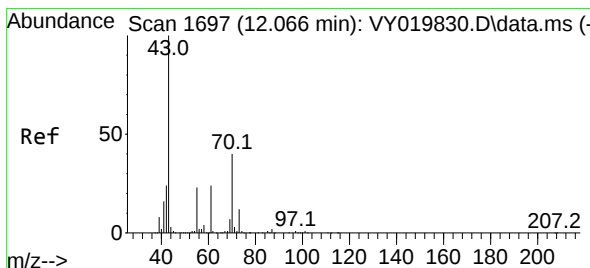
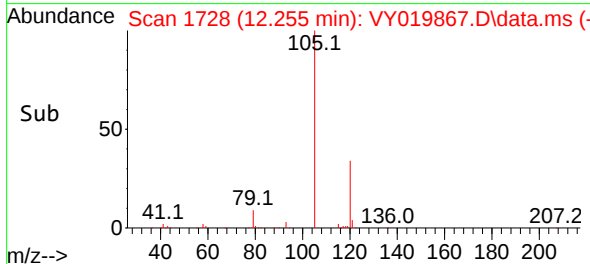
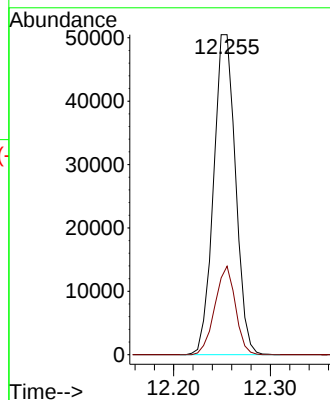
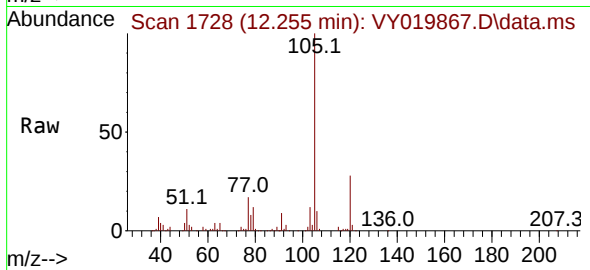
105 100

120 25.7 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#74

N-ethyl acetate

Concen: 4.039 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Tgt Ion: 43 Resp: 19499

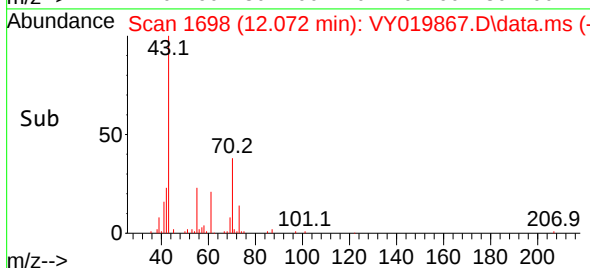
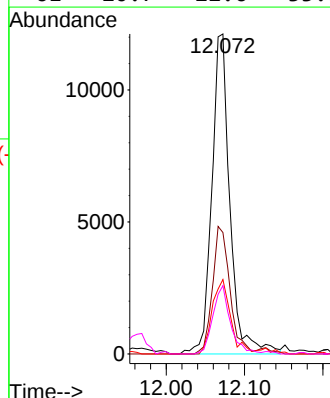
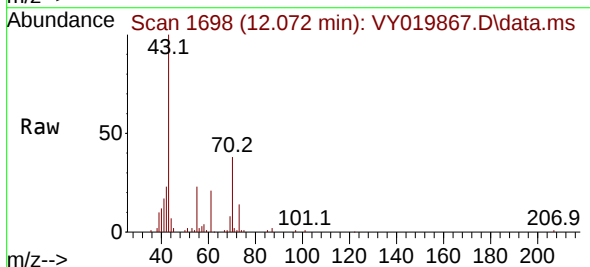
Ion Ratio Lower Upper

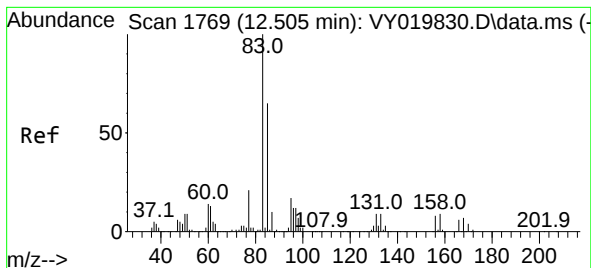
43 100

70 38.4 41.4 62.2#

55 23.4 23.3 34.9

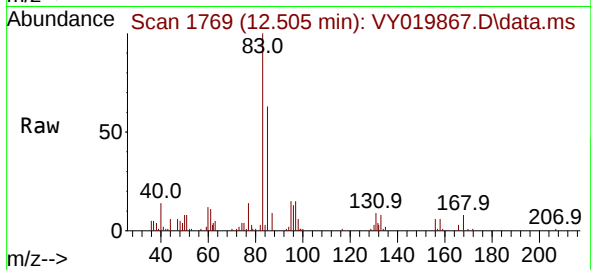
61 20.7 22.6 33.8#





#75
1,1,2,2-Tetrachloroethane
Concen: 4.631 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

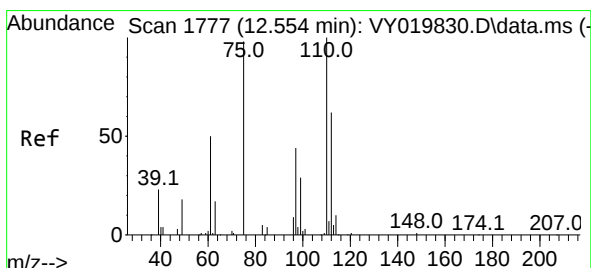
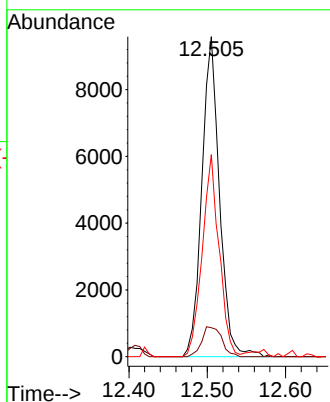
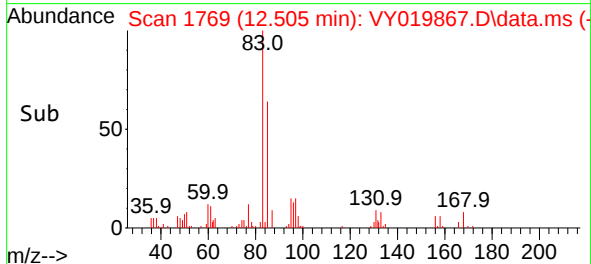
Instrument : MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 83 Resp: 14998
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 60.2 32.0 96.0

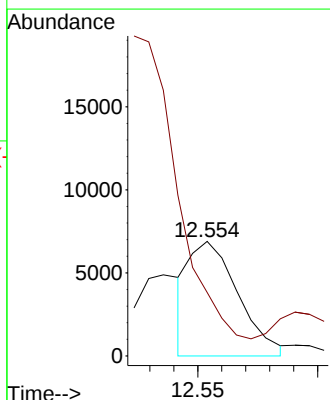
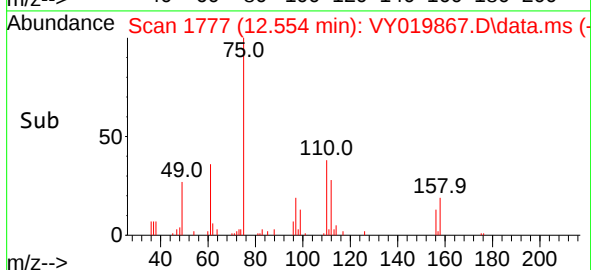
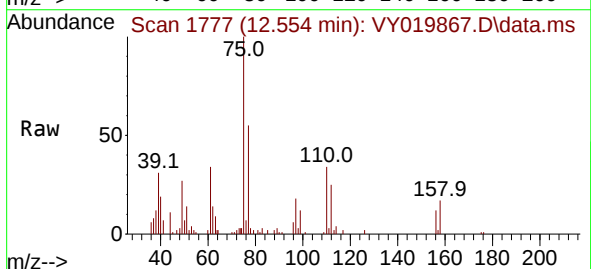
Manual Integrations
APPROVED

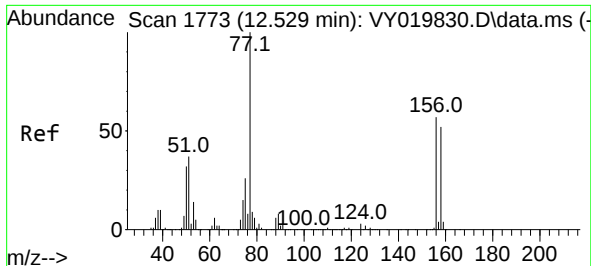
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#76
1,2,3-Trichloropropane
Concen: 2.309 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

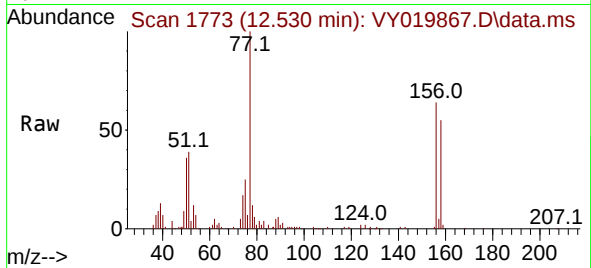
Tgt Ion: 75 Resp: 9804
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.483 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

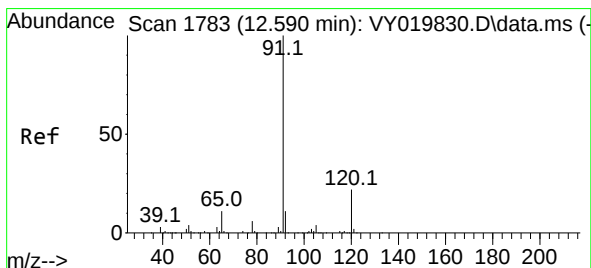
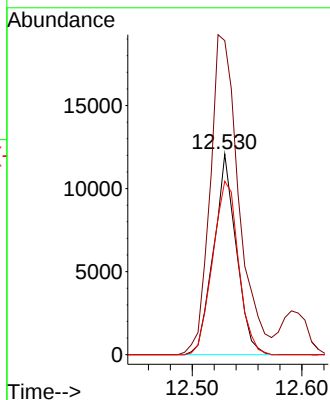
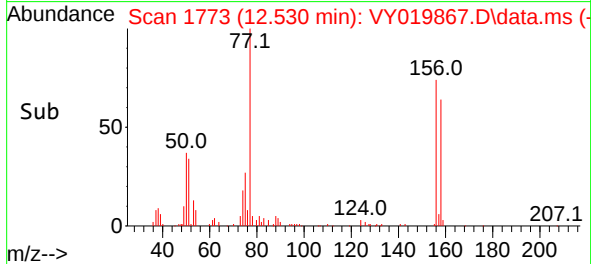
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 156 Resp: 1734
Ion Ratio Lower Upper
156 100
77 202.7 87.1 261.3
158 98.7 48.6 145.9

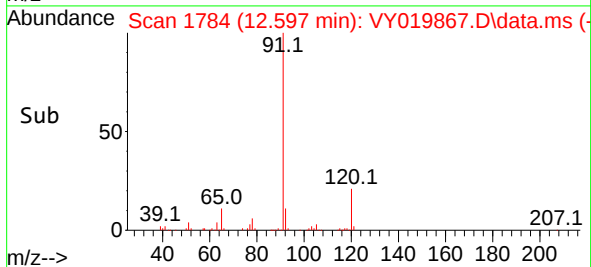
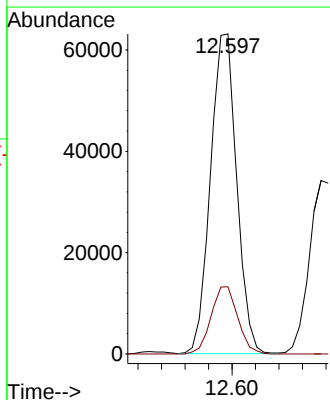
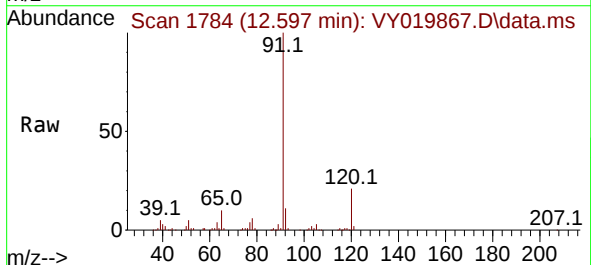
Manual Integrations
APPROVED

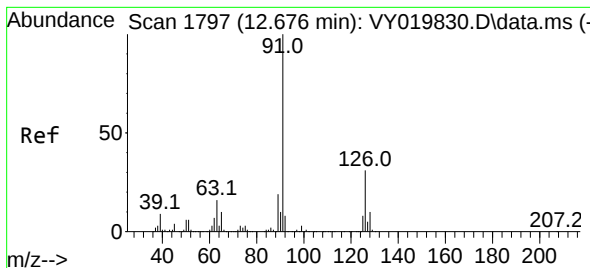
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#78
n-propylbenzene
Concen: 4.443 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 91 Resp: 97843
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 4.412 ug/l

RT: 12.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 91 Resp: 55708

Ion Ratio Lower Upper

91 100

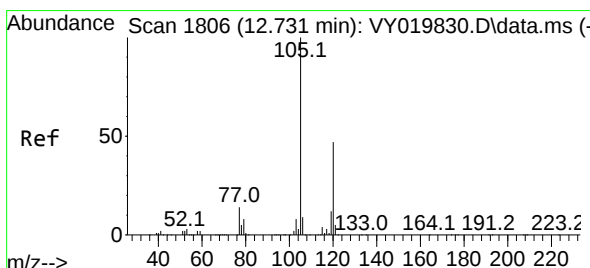
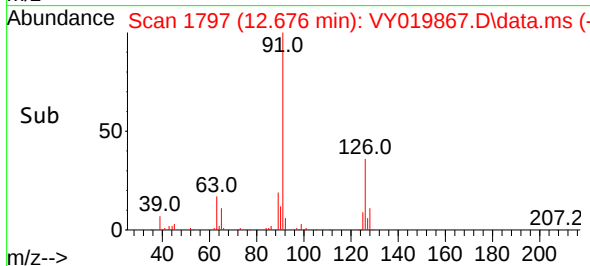
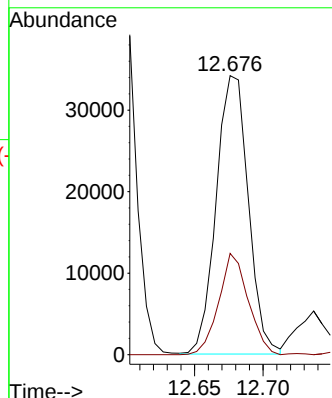
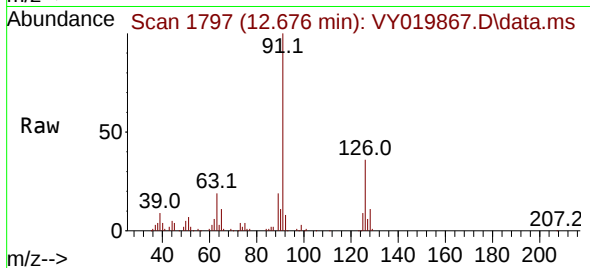
126 33.4 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 4.296 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019867.D

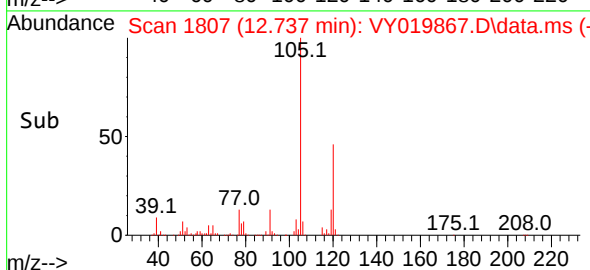
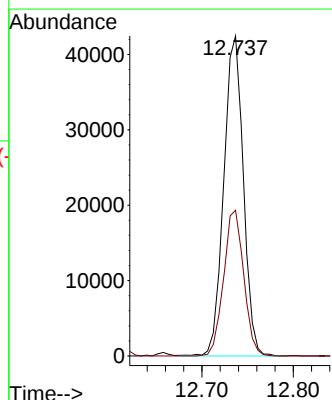
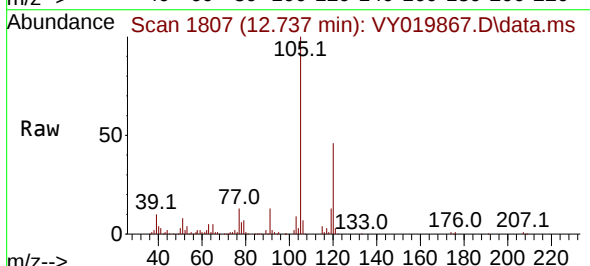
Acq: 11 Oct 2024 12:42

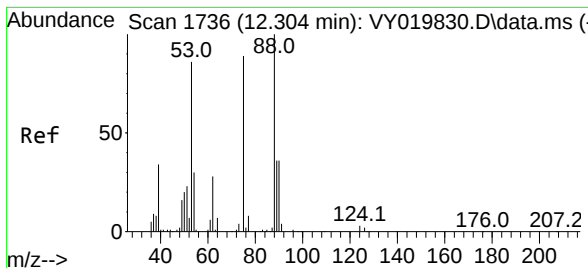
Tgt Ion:105 Resp: 63237

Ion Ratio Lower Upper

105 100

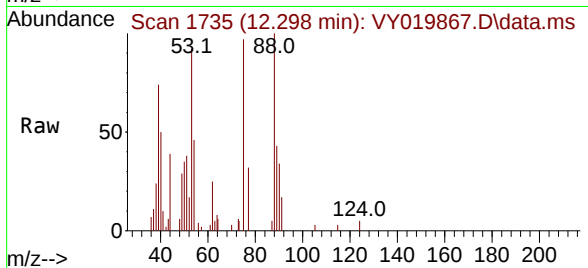
120 46.8 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.919 ug/l m
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

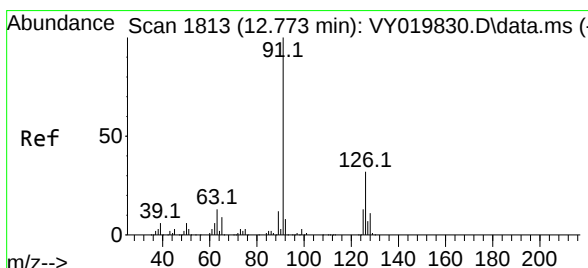
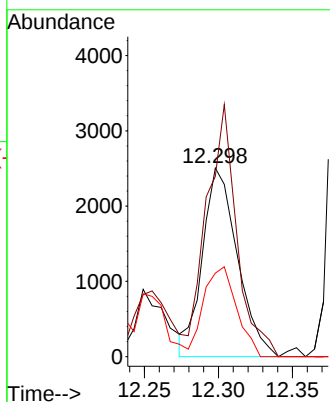
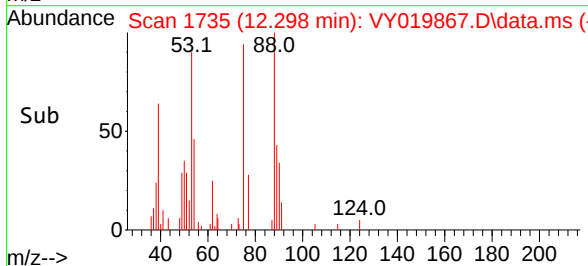
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024



Tgt Ion: 75 Resp: 412
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2
89 14.4 35.8 53.6

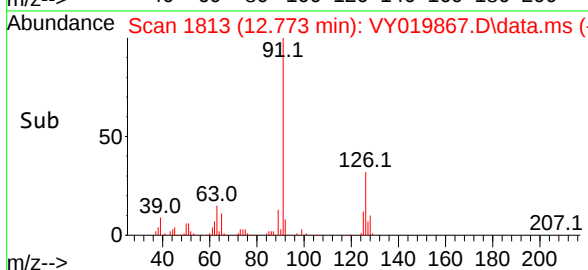
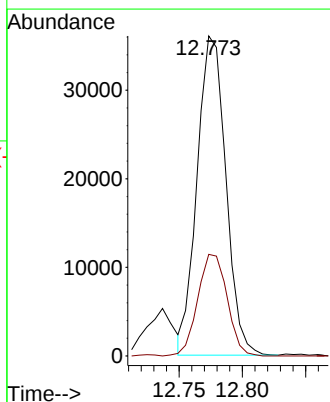
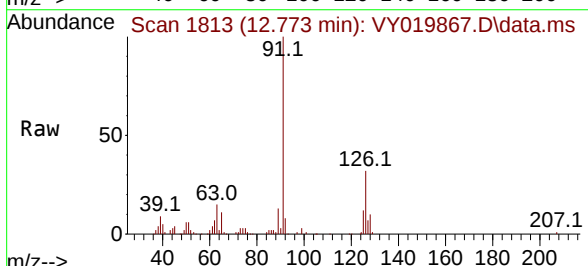
Manual Integrations
APPROVED

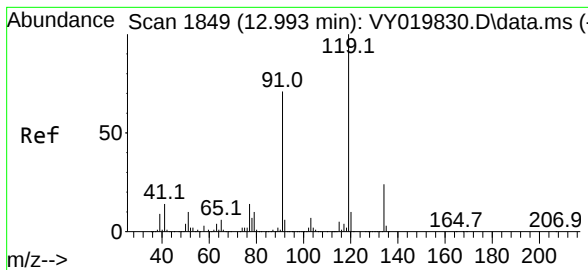
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#82
4-Chlorotoluene
Concen: 4.420 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion: 91 Resp: 57069
Ion Ratio Lower Upper
91 100
126 32.5 17.6 52.9





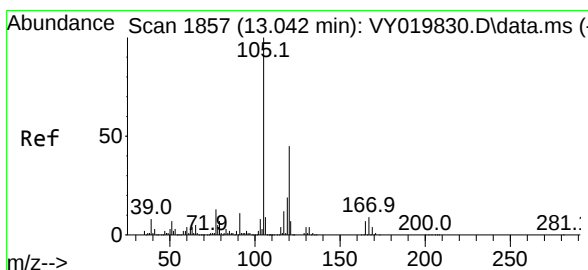
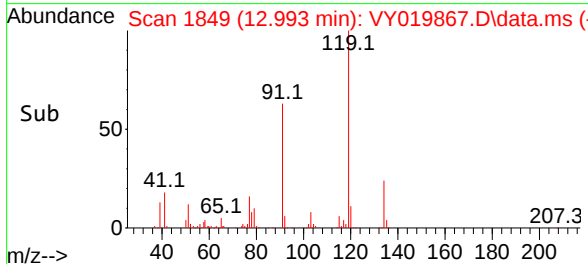
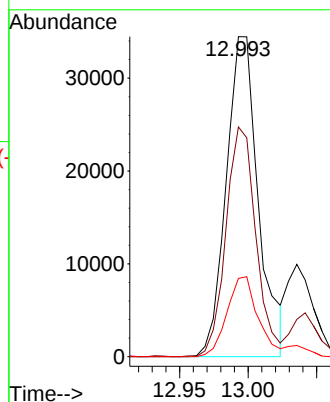
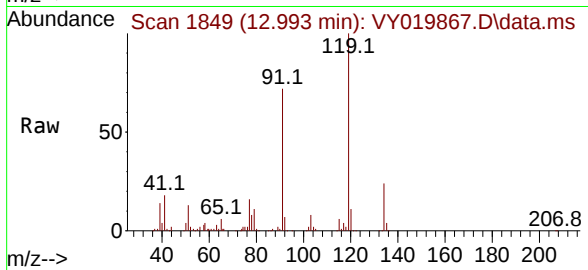
#83
tert-Butylbenzene
Concen: 4.272 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion:119 Resp: 56330
Ion Ratio Lower Upper
119 100
91 67.0 31.3 93.8
134 24.1 13.4 40.1

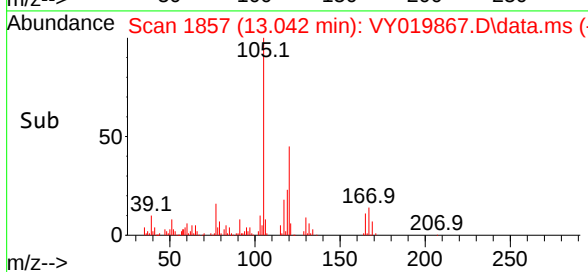
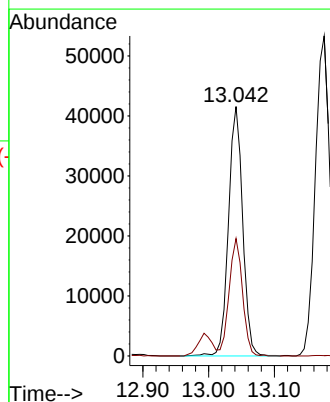
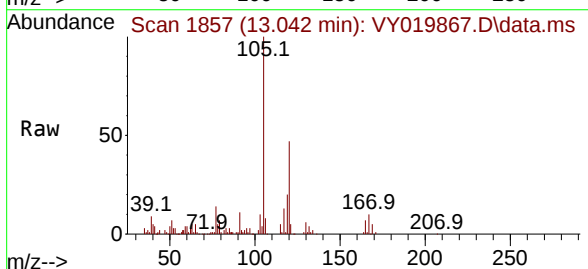
Manual Integrations
APPROVED

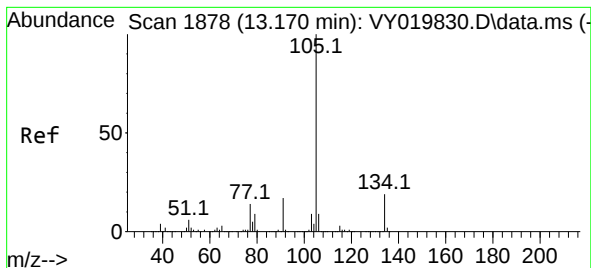
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#84
1,2,4-Trimethylbenzene
Concen: 4.282 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion:105 Resp: 62487
Ion Ratio Lower Upper
105 100
120 44.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 4.166 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion:105 Resp: 8208

Ion Ratio Lower Upper

105 100

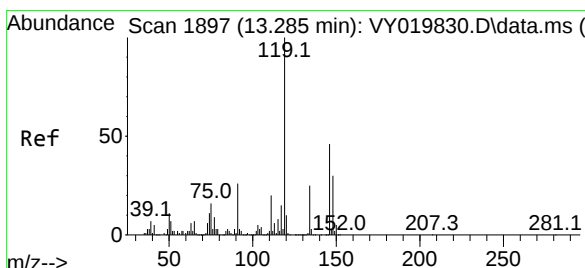
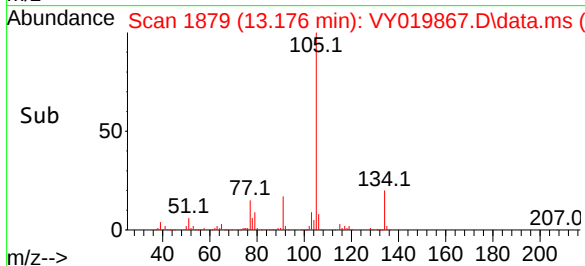
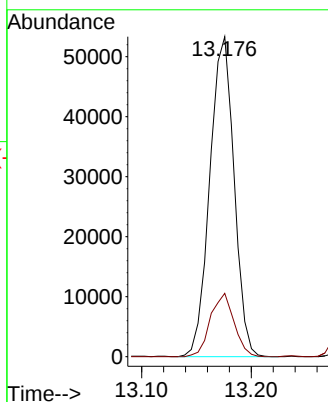
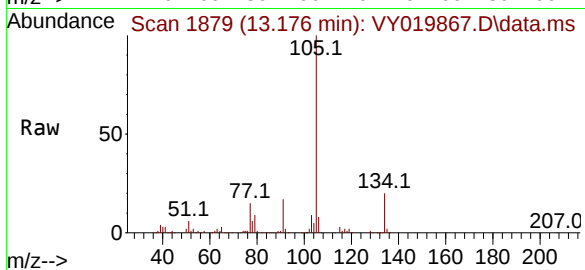
134 19.3 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#86

p-Isopropyltoluene

Concen: 4.080 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

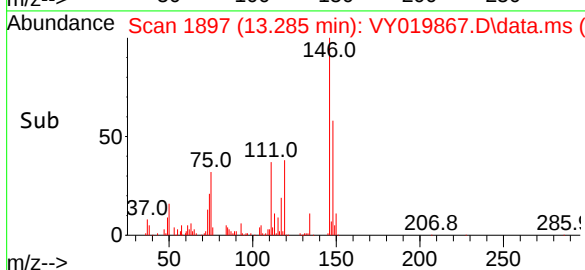
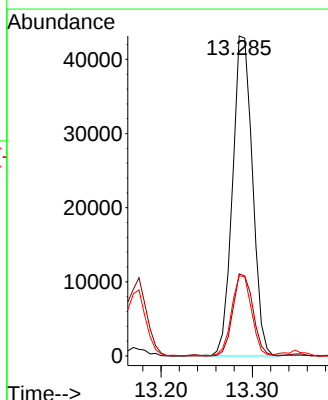
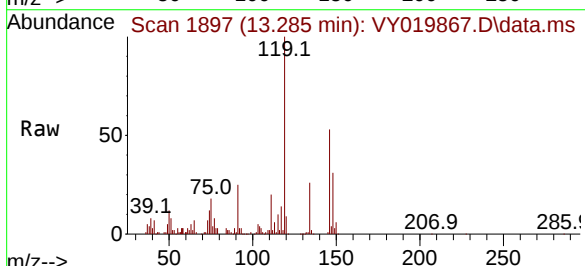
Tgt Ion:119 Resp: 65277

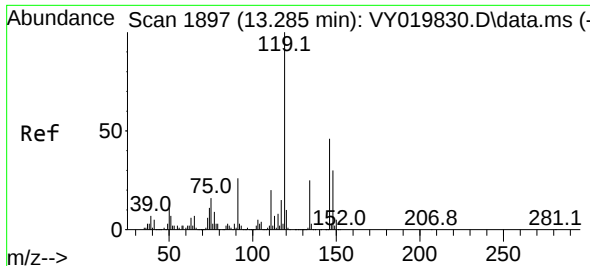
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

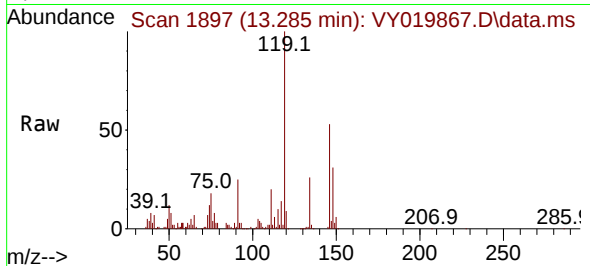
91 25.2 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 4.262 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

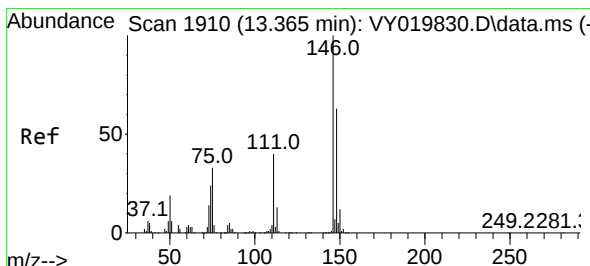
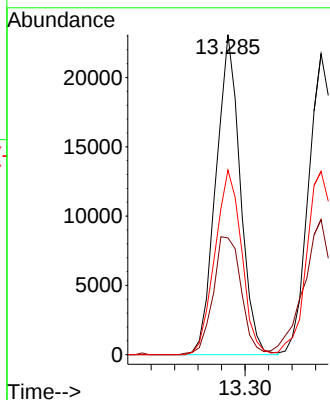
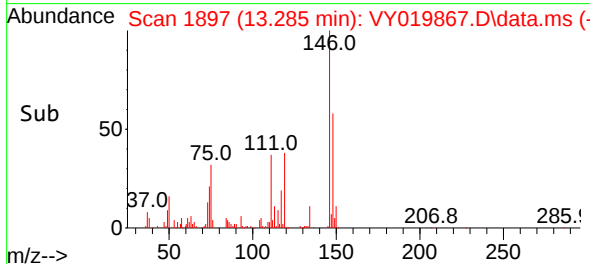
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024



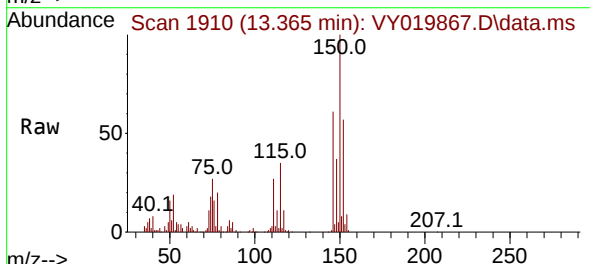
Tgt Ion:146 Resp: 33285
Ion Ratio Lower Upper
146 100
111 42.2 19.0 57.0
148 62.9 31.7 95.1

Manual Integrations
APPROVED

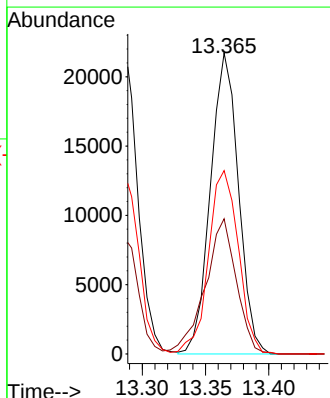
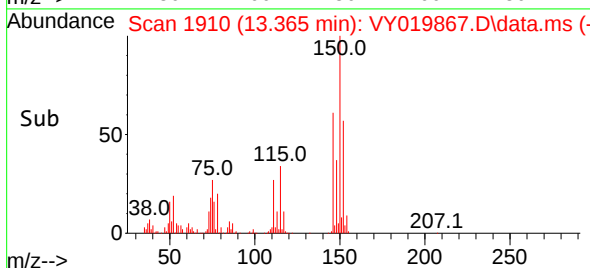
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

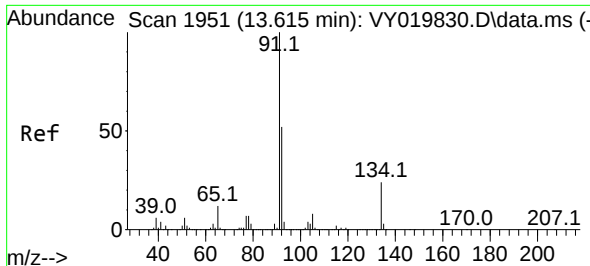


#88
1,4-Dichlorobenzene
Concen: 4.352 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42



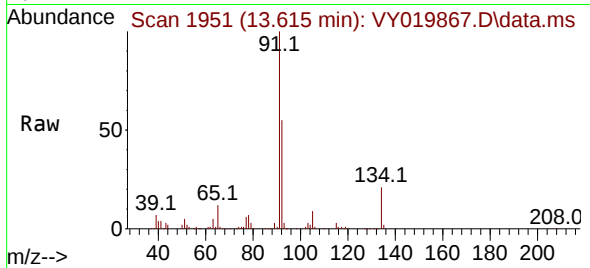
Tgt Ion:146 Resp: 33399
Ion Ratio Lower Upper
146 100
111 50.4 18.4 55.4
148 65.3 32.4 97.2





#89
n-Butylbenzene
Concen: 4.031 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

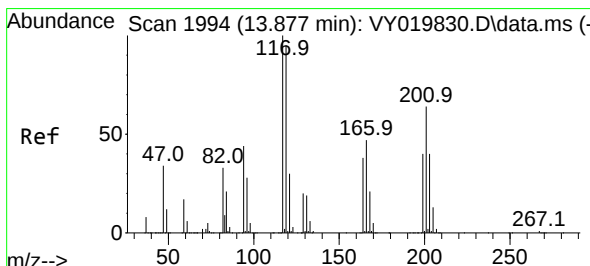
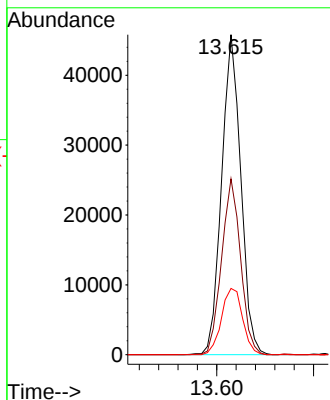
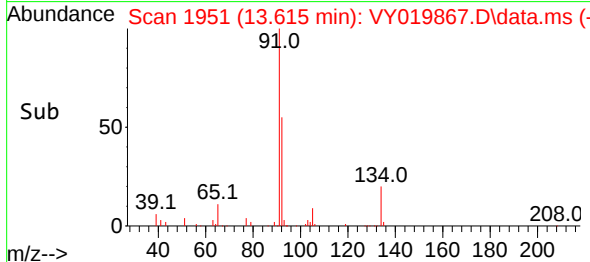
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024



Tgt Ion: 91 Resp: 62972
Ion Ratio Lower Upper
91 100
92 54.5 26.6 79.7
134 22.9 12.9 38.7

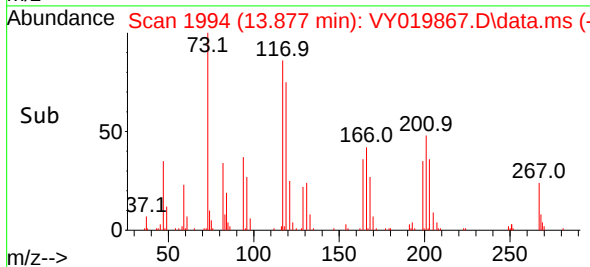
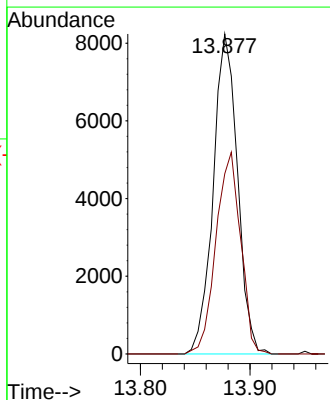
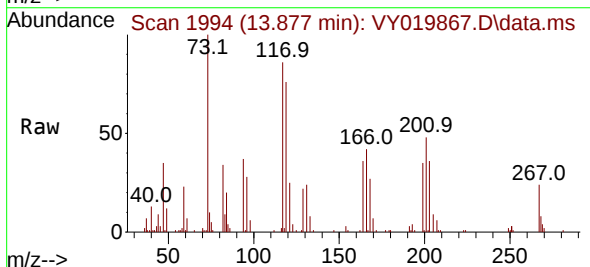
Manual Integrations
APPROVED

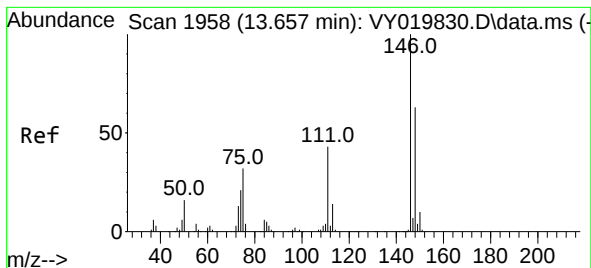
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#90
Hexachloroethane
Concen: 4.078 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion:117 Resp: 12704
Ion Ratio Lower Upper
117 100
201 64.0 37.4 112.2





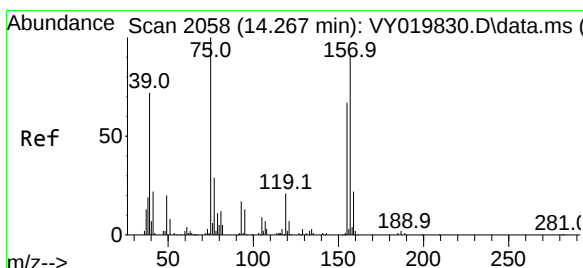
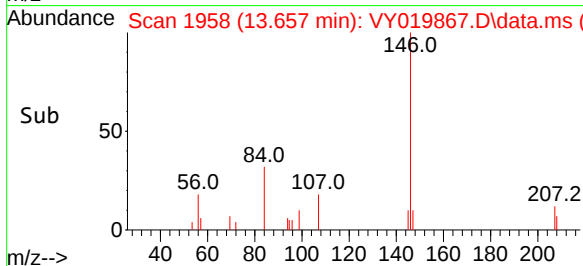
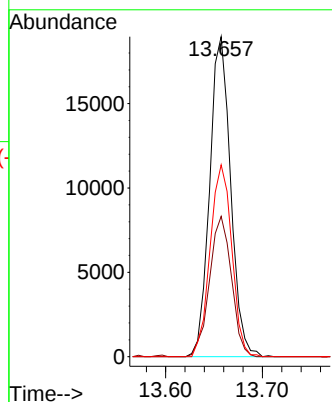
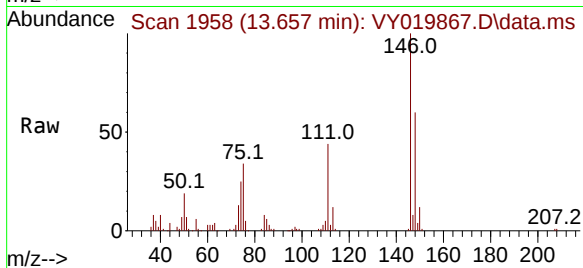
#91
1,2-Dichlorobenzene
Concen: 4.167 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion:146 Resp: 2859
Ion Ratio Lower Upper
146 100
111 45.7 19.9 59.7
148 62.0 31.8 95.4

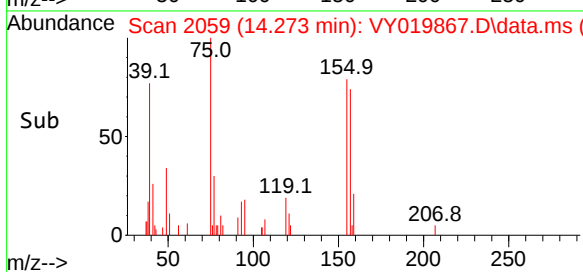
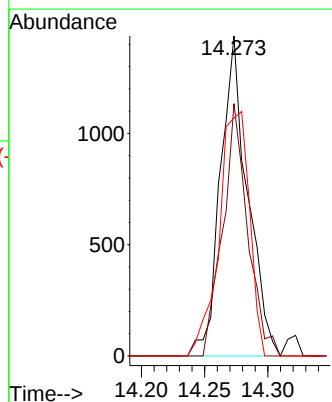
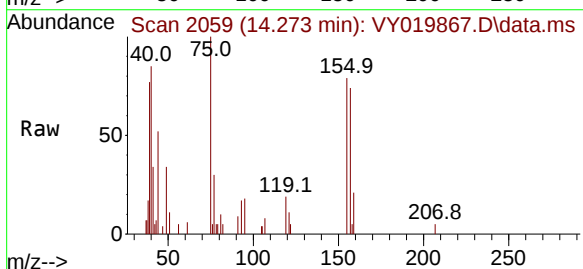
Manual Integrations
APPROVED

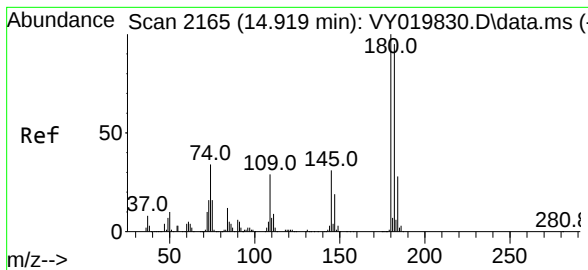
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.167 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

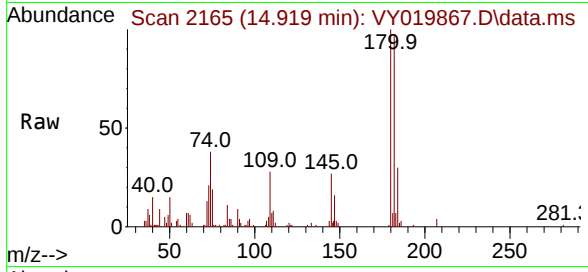
Tgt Ion: 75 Resp: 2154
Ion Ratio Lower Upper
75 100
155 72.3 48.6 145.8
157 85.1 62.7 188.2





#93
1,2,4-Trichlorobenzene
Concen: 3.902 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

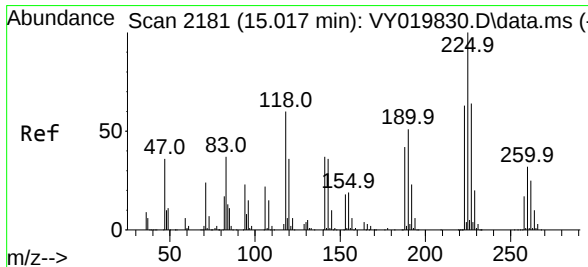
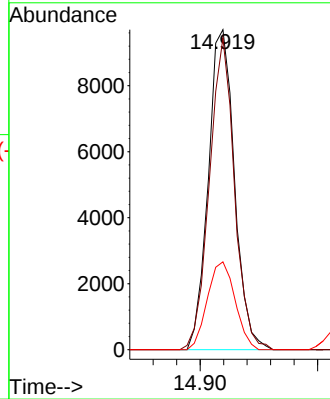
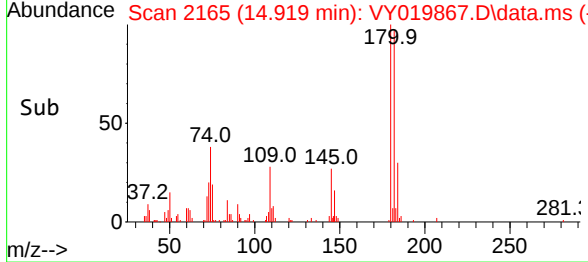
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:180 Resp: 1501
Ion Ratio Lower Upper
180 100
182 92.9 47.9 143.8
145 29.0 14.2 42.6

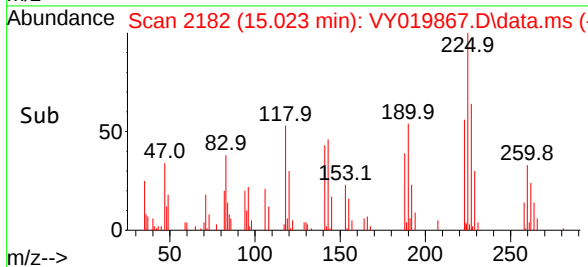
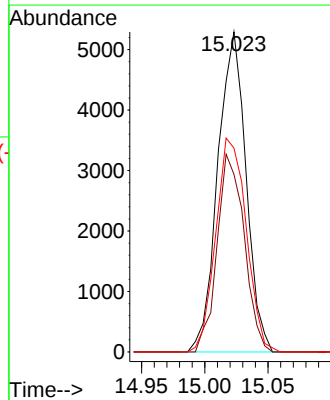
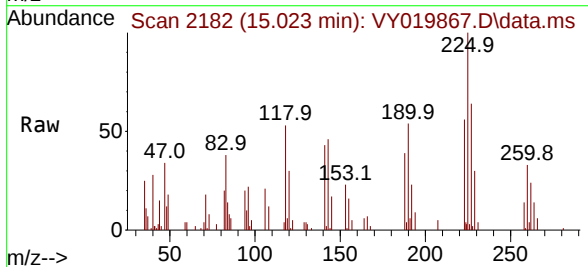
Manual Integrations
APPROVED

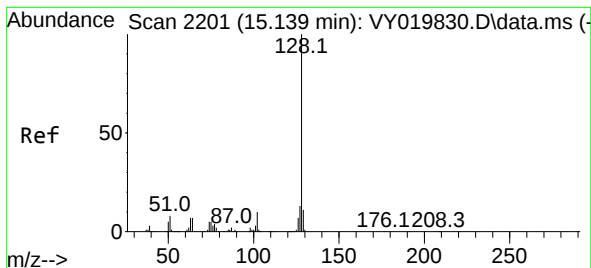
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#94
Hexachlorobutadiene
Concen: 3.834 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY019867.D
Acq: 11 Oct 2024 12:42

Tgt Ion:225 Resp: 8203
Ion Ratio Lower Upper
225 100
223 59.3 30.4 91.2
227 72.1 31.9 95.9





#95

Naphthalene

Concen: 3.444 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Instrument :

MSVOA_Y

ClientSampleId :

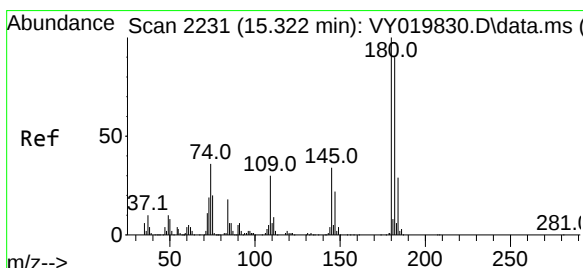
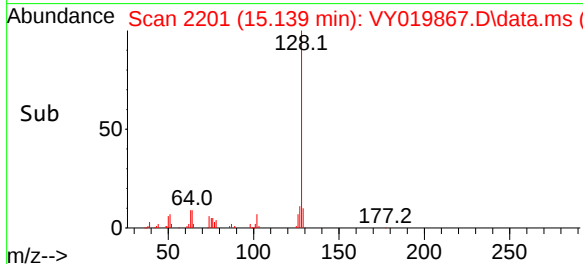
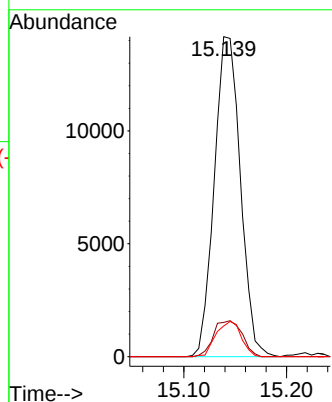
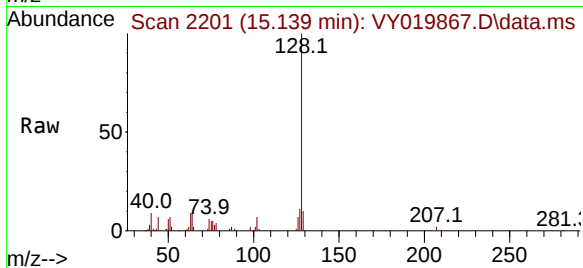
MDL-SOIL-03-QT4-2024

Tgt Ion:128	Resp:	25000
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.6 16.0
129	10.6	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 3.520 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019867.D

Acq: 11 Oct 2024 12:42

Tgt Ion:180	Resp:	11452
Ion Ratio	Lower	Upper
180	100	
182	102.8	47.6 142.9
145	34.6	15.4 46.1

