

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019482.D
 Acq On : 10 Sep 2024 11:55
 Operator : SY/MD
 Sample : P3390-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Quant Time: Sep 11 06:38:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 06:35:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	517460	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	911308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	768432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	354870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	283149	59.093	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.180%			
35) Dibromofluoromethane	7.634	113	286839	55.514	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.020%			
50) Toluene-d8	10.109	98	1084137	56.727	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.460%			
62) 4-Bromofluorobenzene	12.408	95	380995	51.847	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 103.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	13179	4.029	ug/l	95
3) Chloromethane	2.068	50	15631	3.651	ug/l	97
4) Vinyl Chloride	2.208	62	17773	3.839	ug/l	93
5) Bromomethane	2.598	94	12918	4.543	ug/l	94
6) Chloroethane	2.739	64	12722	4.204	ug/l	100
7) Trichlorofluoromethane	3.062	101	32792	4.249	ug/l	99
8) Diethyl Ether	3.458	74	11997	4.631	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.818	101	20384	4.270	ug/l	95
10) Methyl Iodide	4.007	142	23854	3.897	ug/l	94
11) Tert butyl alcohol	4.854	59	10203	26.367	ug/l	# 56
12) 1,1-Dichloroethene	3.793	96	17959	3.912	ug/l	82
13) Acrolein	3.653	56	13817	66.589	ug/l	97
14) Allyl chloride	4.379	41	36364	4.417	ug/l	# 88
15) Acrylonitrile	5.061	53	27727	24.824	ug/l	95
16) Acetone	3.873	43	23177	20.304	ug/l	# 77
17) Carbon Disulfide	4.110	76	26280	2.119	ug/l	98
18) Methyl Acetate	4.379	43	20721	6.689	ug/l	90
19) Methyl tert-butyl Ether	5.116	73	66553	5.118	ug/l	98
20) Methylene Chloride	4.616	84	33500	6.435	ug/l	# 87
21) trans-1,2-Dichloroethene	5.116	96	20242	4.023	ug/l	90
22) Diisopropyl ether	6.018	45	85492	5.057	ug/l	# 88
23) Vinyl Acetate	5.958	43	280824	29.080	ug/l	94
24) 1,1-Dichloroethane	5.915	63	47011	4.955	ug/l	95
25) 2-Butanone	6.890	43	36421	22.433	ug/l	# 77
26) 2,2-Dichloropropane	6.878	77	44340	5.181	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	30279	4.953	ug/l	91
28) Bromochloromethane	7.250	49	18715	4.688	ug/l	83
29) Tetrahydrofuran	7.262	42	22444	22.737	ug/l	90
30) Chloroform	7.421	83	50736	5.239	ug/l	100
31) Cyclohexane	7.701	56	36863	4.299	ug/l	# 75
32) 1,1,1-Trichloroethane	7.616	97	41903	4.827	ug/l	96
36) 1,1-Dichloropropene	7.835	75	28541	4.059	ug/l	98
37) Ethyl Acetate	6.982	43	16449	4.566	ug/l	# 91
38) Carbon Tetrachloride	7.817	117	34880	4.399	ug/l	95
39) Methylcyclohexane	9.109	83	31323	3.348	ug/l	92
40) Benzene	8.079	78	96230	4.444	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	11054	5.264	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	29152	5.003	ug/l	94
43) Isopropyl Acetate	8.195	43	36624	4.839	ug/l #	80
44) Trichloroethene	8.866	130	24572	4.412	ug/l	95
45) 1,2-Dichloropropane	9.140	63	25518	4.820	ug/l	100
46) Dibromomethane	9.231	93	13622	4.705	ug/l	92
47) Bromodichloromethane	9.426	83	39939	5.132	ug/l	98
48) Methyl methacrylate	9.219	41	15969	4.468	ug/l	87
49) 1,4-Dioxane	9.231	88	3337	97.912	ug/l #	59
51) 4-Methyl-2-Pentanone	9.999	43	90282	23.711	ug/l	92
52) Toluene	10.170	92	61749	4.434	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	34222	4.613	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	40102	4.642	ug/l #	85
55) 1,1,2-Trichloroethane	10.573	97	19299	4.827	ug/l	93
56) Ethyl methacrylate	10.438	69	28387	4.674	ug/l #	84
57) 1,3-Dichloropropane	10.719	76	32479	4.726	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	63596	22.562	ug/l	95
59) 2-Hexanone	10.762	43	61637	22.081	ug/l	91
60) Dibromochloromethane	10.914	129	26322	4.977	ug/l	99
61) 1,2-Dibromoethane	11.018	107	17365	4.662	ug/l	98
64) Tetrachloroethene	10.652	164	21170	4.449	ug/l	93
65) Chlorobenzene	11.438	112	72190	4.776	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	27282	5.213	ug/l	96
67) Ethyl Benzene	11.518	91	128947	4.801	ug/l	100
68) m/p-Xylenes	11.627	106	96191	9.472	ug/l	95
69) o-Xylene	11.956	106	48530	4.886	ug/l	96
70) Styrene	11.969	104	81130	4.838	ug/l	96
71) Bromoform	12.133	173	13584	4.544	ug/l #	98
73) Isopropylbenzene	12.255	105	128079	4.975	ug/l	99
74) N-amyl acetate	12.072	43	32998	4.713	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	23670	5.180	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	17019m	5.117	ug/l	
77) Bromobenzene	12.530	156	27510	4.818	ug/l	85
78) n-propylbenzene	12.597	91	154964	5.078	ug/l	99
79) 2-Chlorotoluene	12.682	91	89420	5.028	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	105830	5.057	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	7539	4.351	ug/l	89
82) 4-Chlorotoluene	12.779	91	93622	5.121	ug/l	97
83) tert-Butylbenzene	12.999	119	98884	5.219	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	105213	5.079	ug/l	96
85) sec-Butylbenzene	13.176	105	140939	5.120	ug/l	100
86) p-Isopropyltoluene	13.292	119	113298	5.031	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	56368	5.081	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	55905	5.077	ug/l	93
89) n-Butylbenzene	13.615	91	107110	4.975	ug/l	97
90) Hexachloroethane	13.877	117	23417	4.997	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	50407	5.091	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3742	4.914	ug/l	85
93) 1,2,4-Trichlorobenzene	14.919	180	29006	4.817	ug/l	98
94) Hexachlorobutadiene	15.023	225	16142	5.018	ug/l	99
95) Naphthalene	15.145	128	54399	4.511	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	24586	4.773	ug/l	97

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LOQ-SOIL-02-QT3-2024

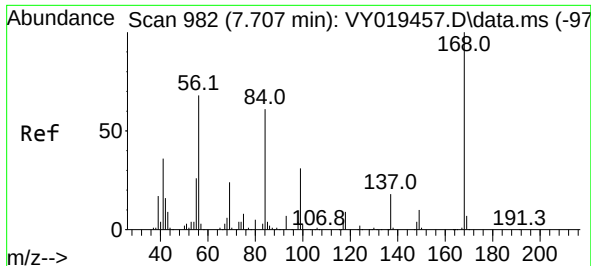
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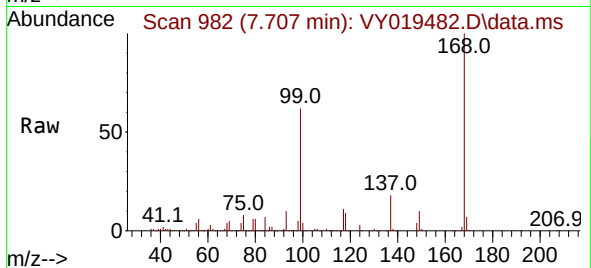
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = 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
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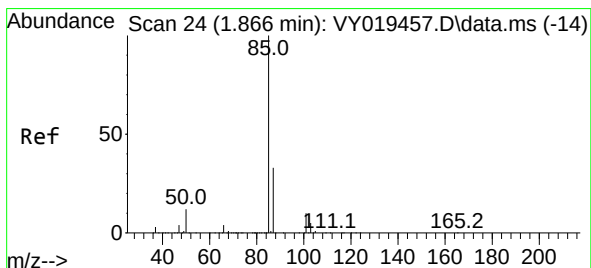
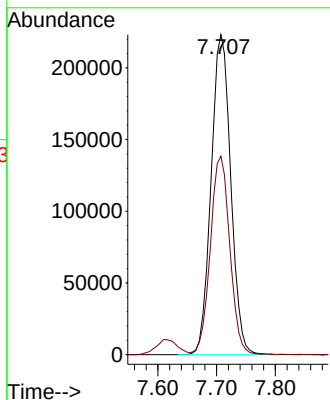
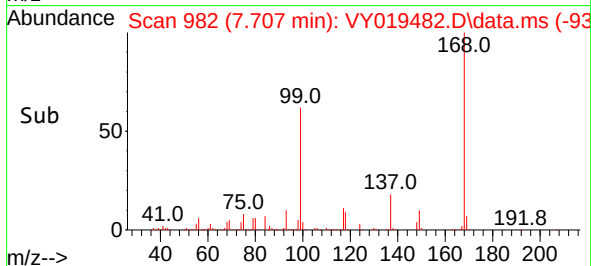
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 517460
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7

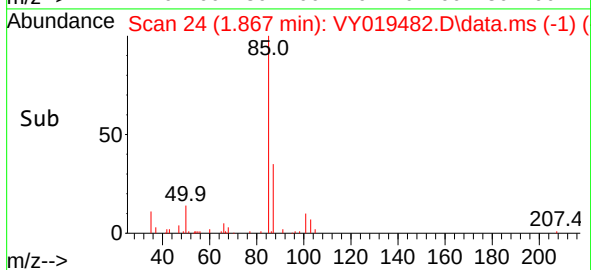
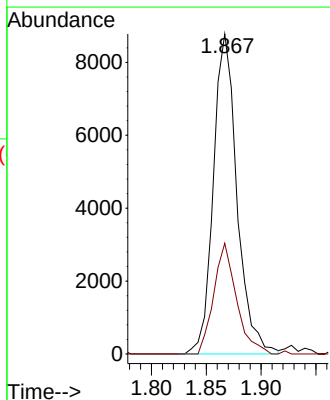
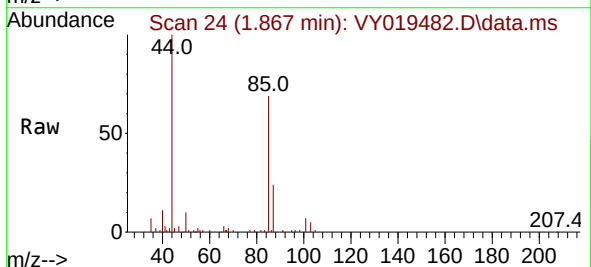
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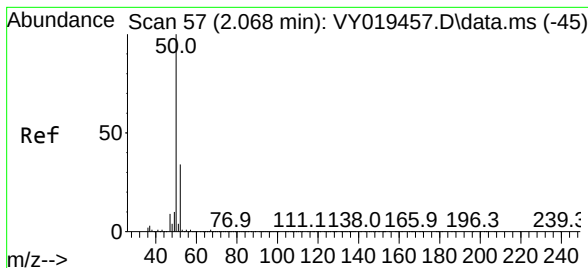
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#2
Dichlorodifluoromethane
Concen: 4.029 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

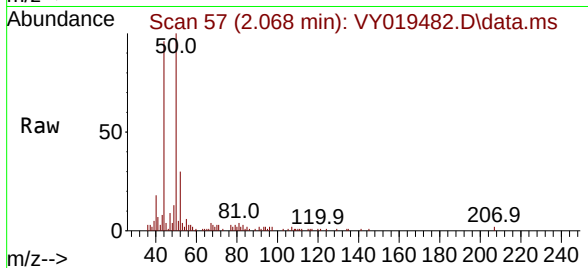
Tgt Ion: 85 Resp: 13179
Ion Ratio Lower Upper
85 100
87 34.6 16.0 48.0





#3
Chloromethane
Concen: 3.651 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

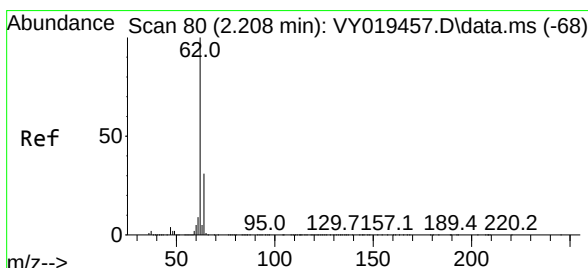
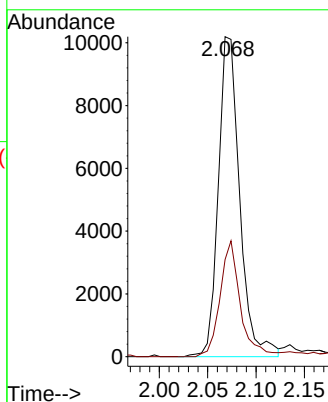
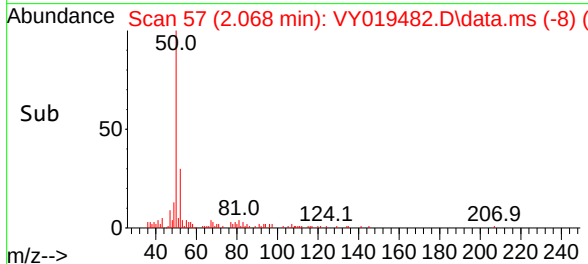
Instrument :
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Tgt Ion: 50 Resp: 1563
Ion Ratio Lower Upper
50 100
52 30.4 25.6 38.4

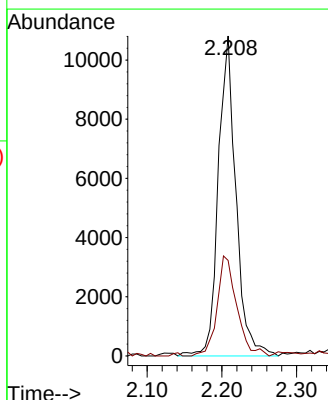
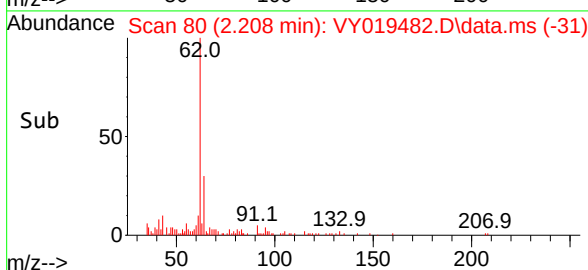
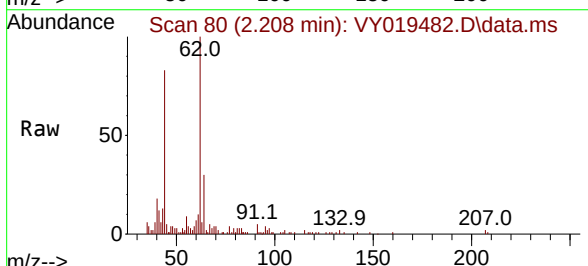
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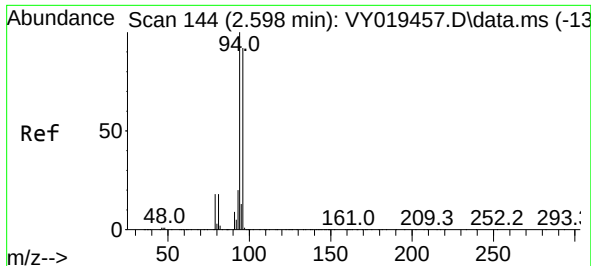
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#4
Vinyl Chloride
Concen: 3.839 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

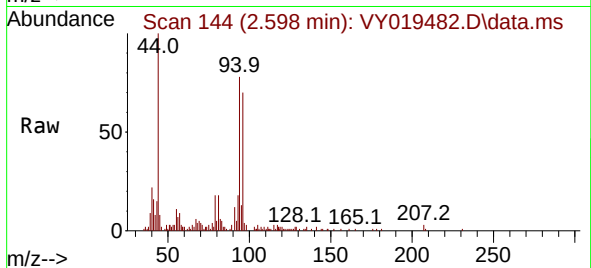
Tgt Ion: 62 Resp: 17773
Ion Ratio Lower Upper
62 100
64 28.9 26.1 39.1





#5
Bromomethane
Concen: 4.543 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019482.D
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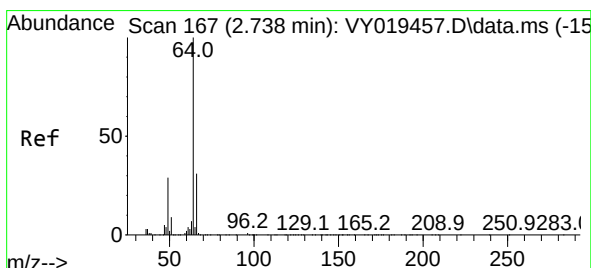
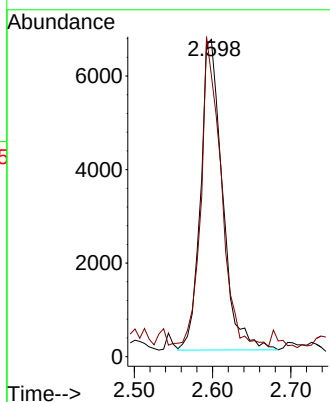
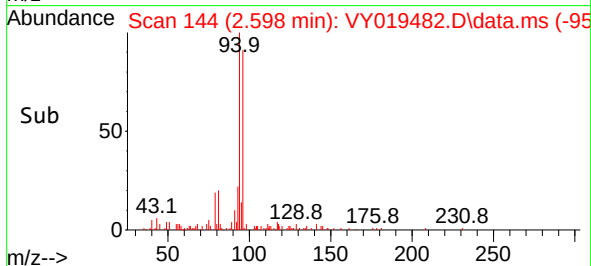
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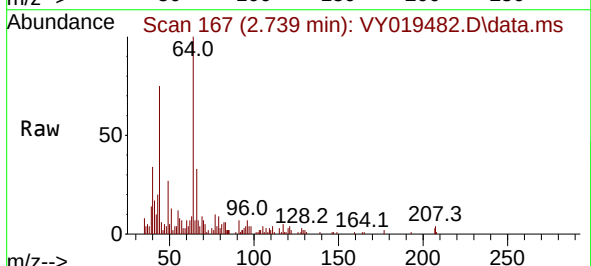
Tgt Ion: 94 Resp: 12918
Ion Ratio Lower Upper
94 100
96 86.5 74.1 111.1

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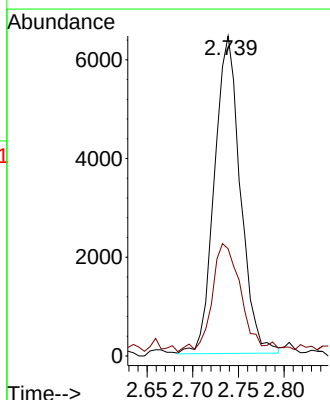
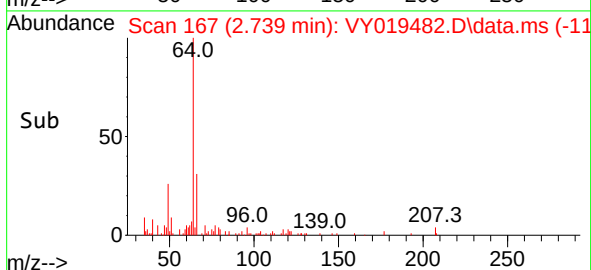
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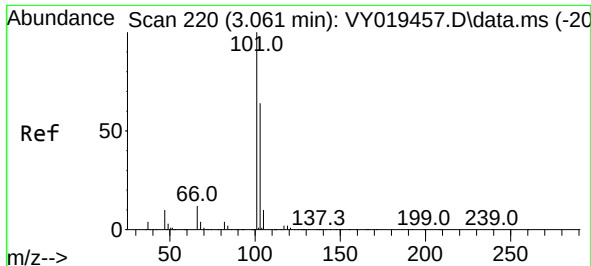


#6
Chloroethane
Concen: 4.204 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019482.D
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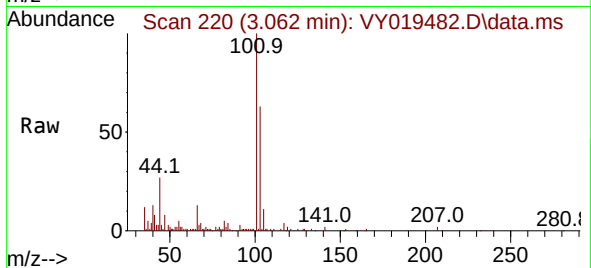
Tgt Ion: 64 Resp: 12722
Ion Ratio Lower Upper
64 100
66 32.4 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 4.249 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019482.D
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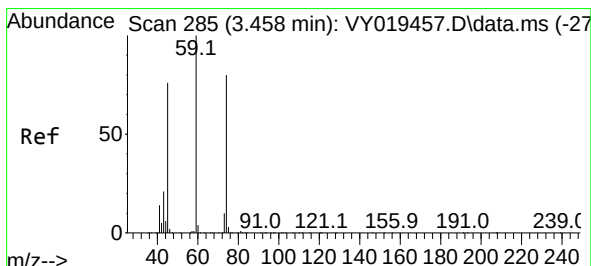
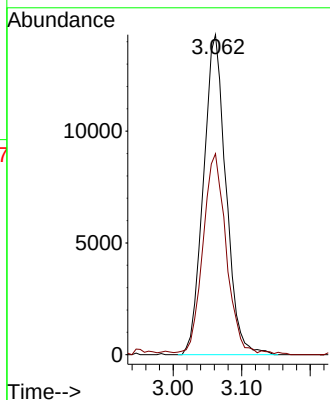
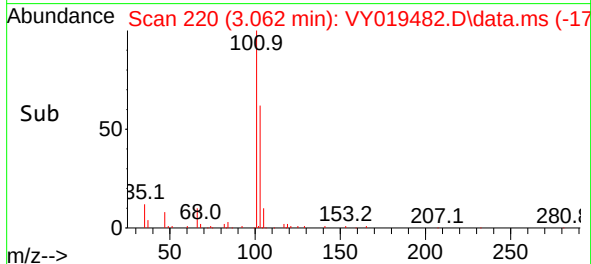
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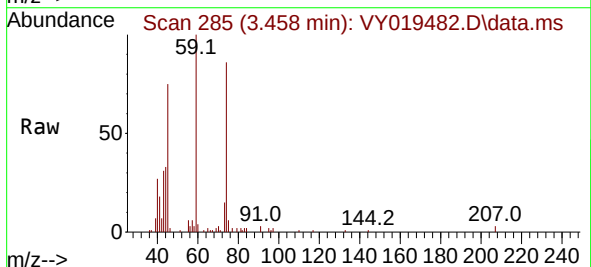
Tgt Ion:101 Resp: 32792
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.3 73.9

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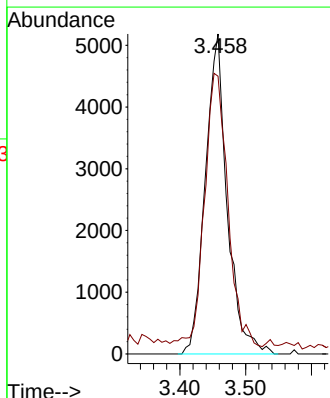
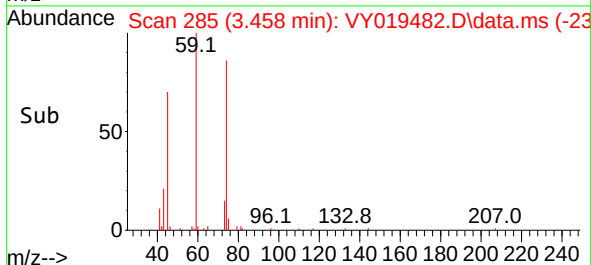
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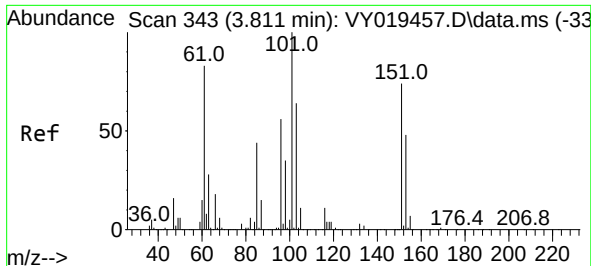


#8
 Diethyl Ether
 Concen: 4.631 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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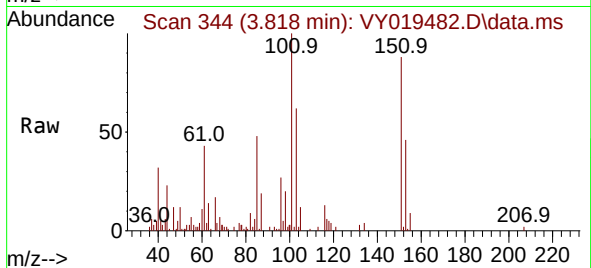
Tgt Ion: 74 Resp: 11997
 Ion Ratio Lower Upper
 74 100
 45 91.4 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.270 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019482.D
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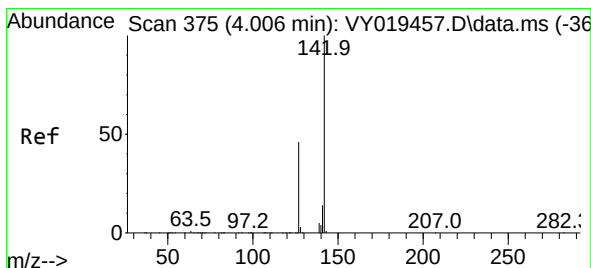
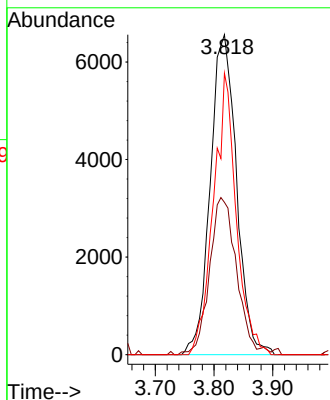
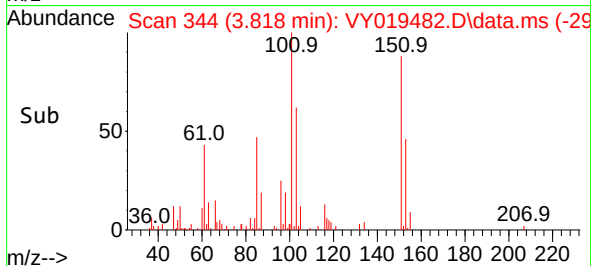
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



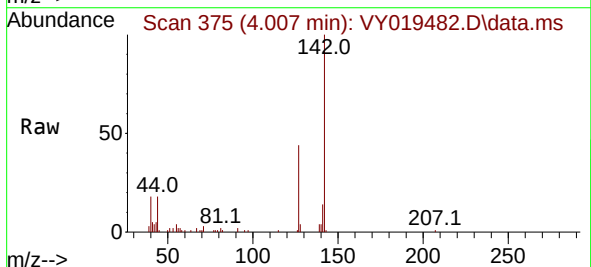
Tgt Ion:101 Resp: 20384
Ion Ratio Lower Upper
101 100
85 50.7 34.5 51.7
151 76.3 61.7 92.5

Manual Integrations
APPROVED

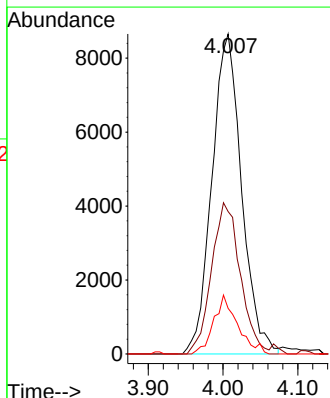
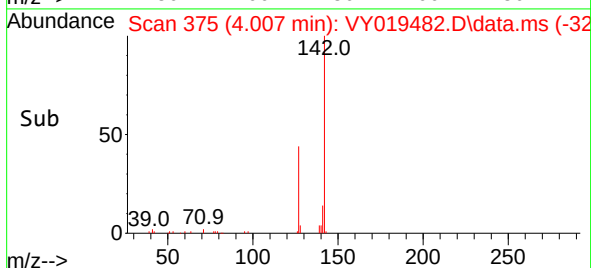
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

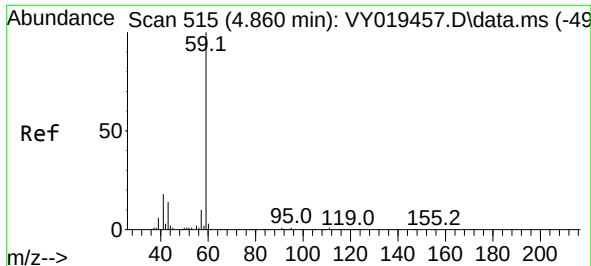


#10
Methyl Iodide
Concen: 3.897 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55



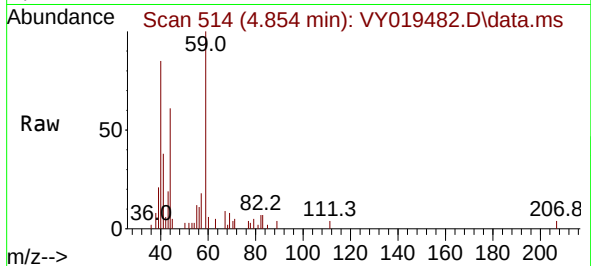
Tgt Ion:142 Resp: 23854
Ion Ratio Lower Upper
142 100
127 45.8 32.8 49.2
141 14.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 26.367 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

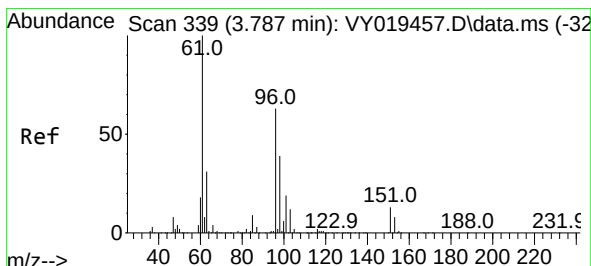
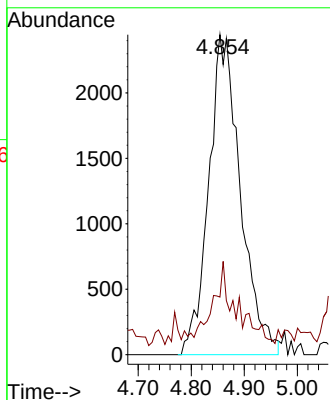
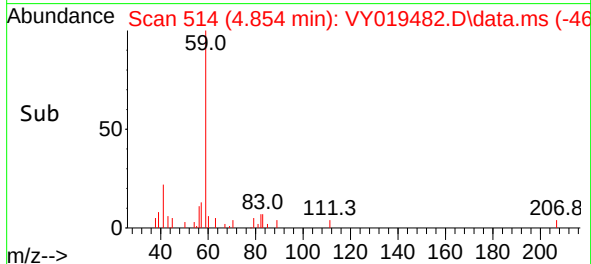
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



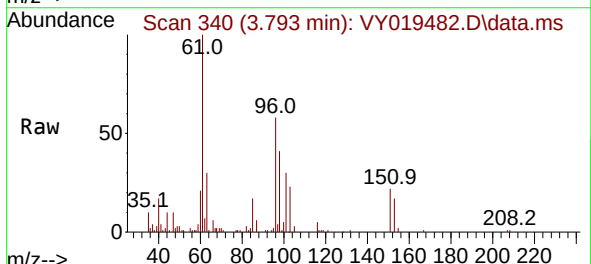
Tgt Ion: 59 Resp: 1020
Ion Ratio Lower Upper
59 100
57 18.4 3.0 4.6

Manual Integrations
APPROVED

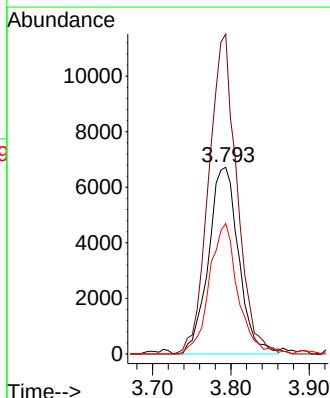
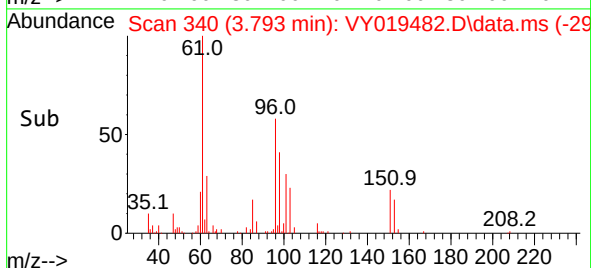
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

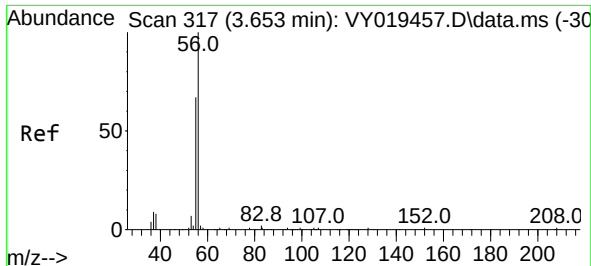


#12
1,1-Dichloroethene
Concen: 3.912 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55



Tgt Ion: 96 Resp: 17959
Ion Ratio Lower Upper
96 100
61 170.5 114.6 171.8
98 69.8 50.8 76.2





#13

Acrolein

Concen: 66.589 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 56 Resp: 1381

Ion Ratio Lower Upper

56 100

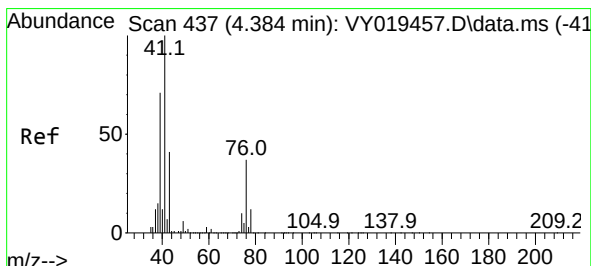
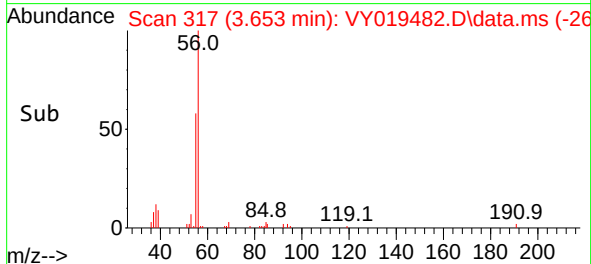
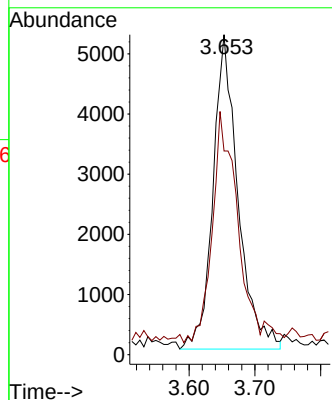
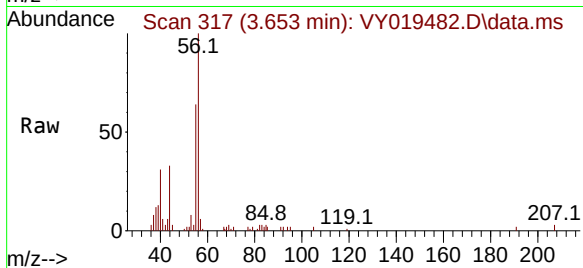
55 72.2 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#14

Allyl chloride

Concen: 4.417 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

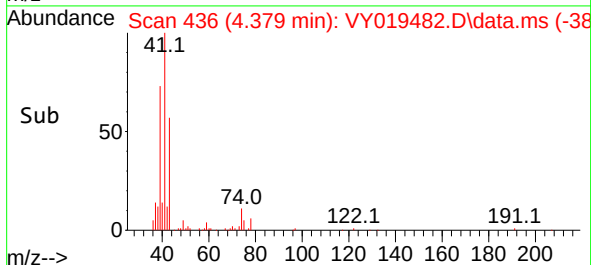
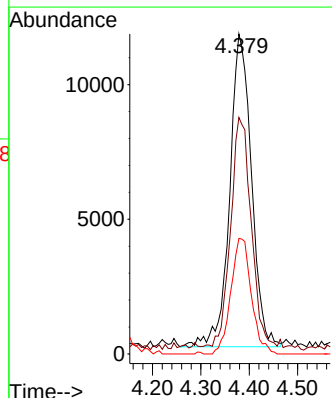
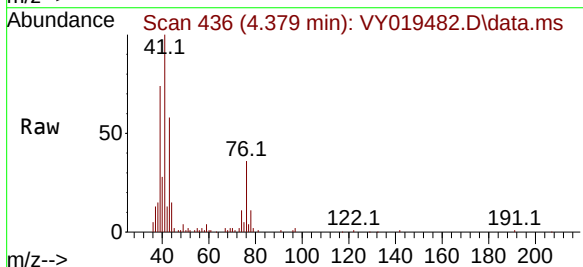
Tgt Ion: 41 Resp: 36364

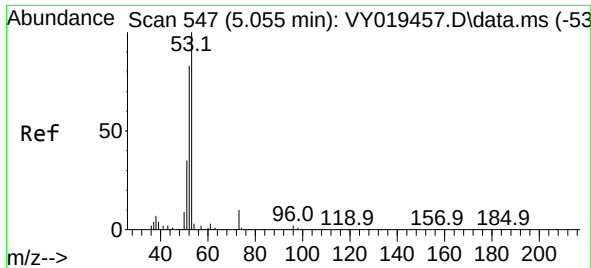
Ion Ratio Lower Upper

41 100

39 68.1 58.3 87.5

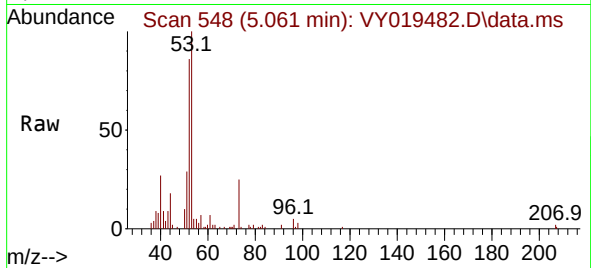
76 34.7 39.0 58.6





#15
Acrylonitrile
Concen: 24.824 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

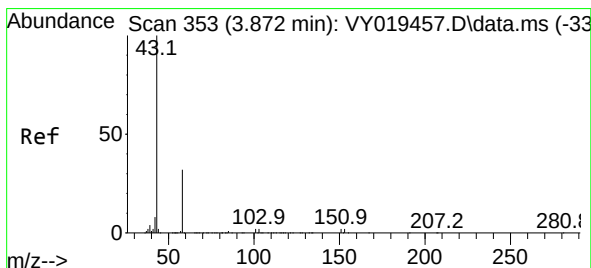
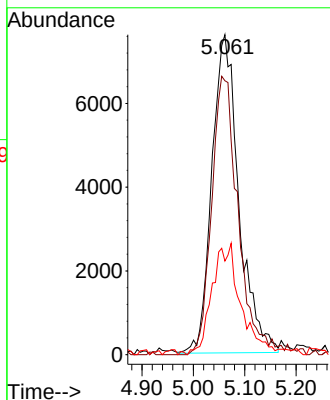
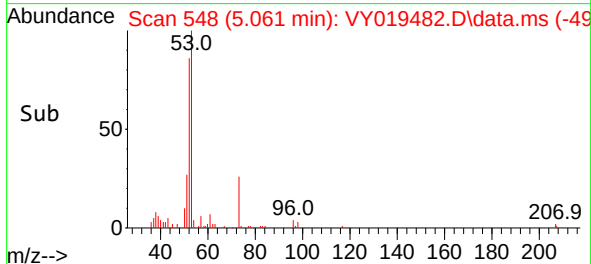
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 53 Resp: 2772
Ion Ratio Lower Upper
53 100
52 86.2 64.7 97.1
51 37.0 28.4 42.6

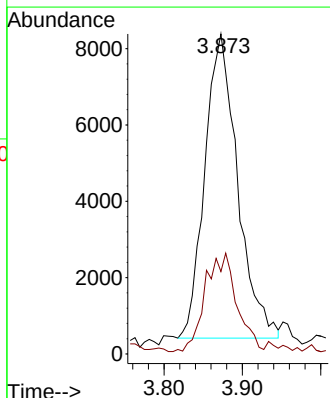
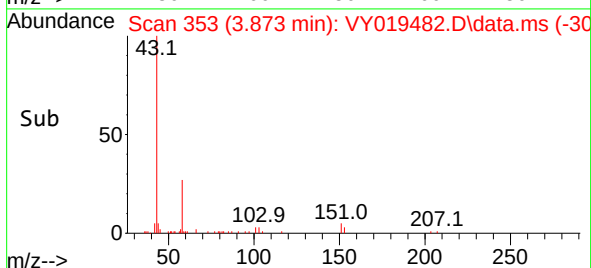
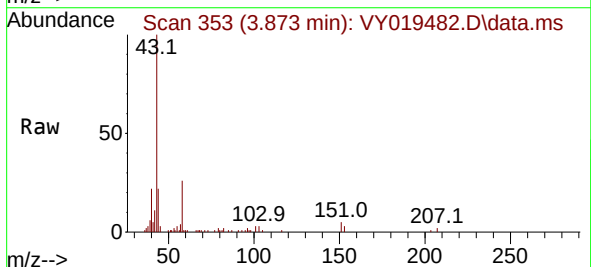
Manual Integrations
APPROVED

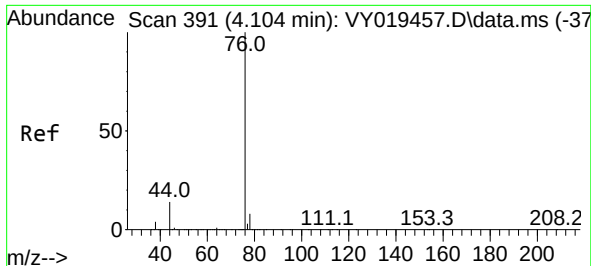
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#16
Acetone
Concen: 20.304 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion: 43 Resp: 23177
Ion Ratio Lower Upper
43 100
58 25.6 31.7 47.5#





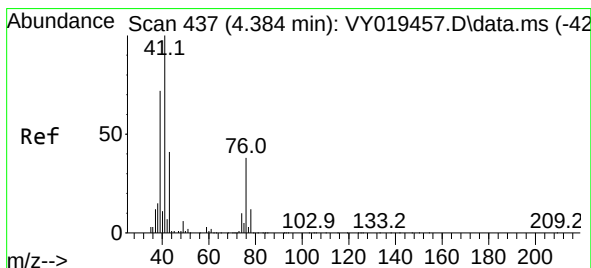
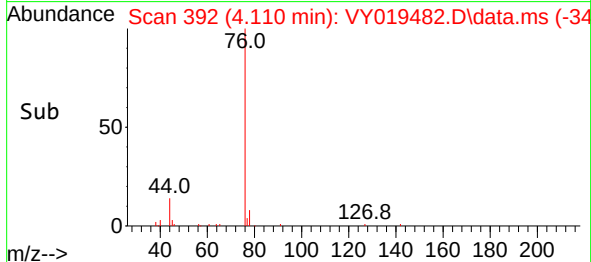
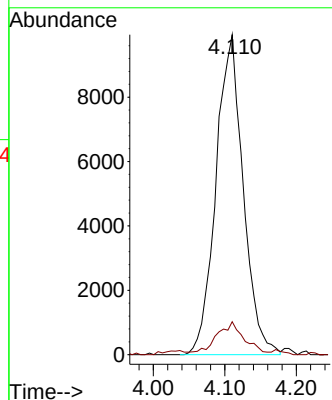
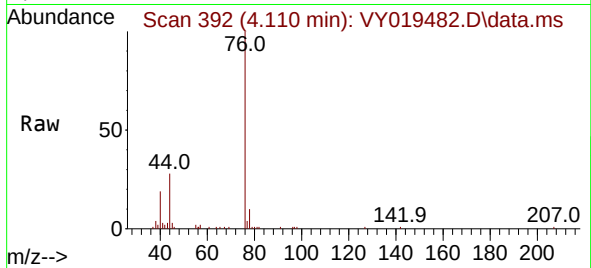
#17
Carbon Disulfide
Concen: 2.119 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion: 76 Resp: 26280
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

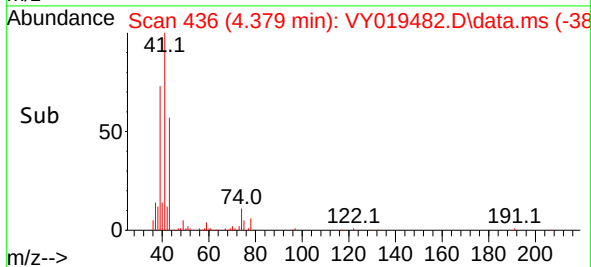
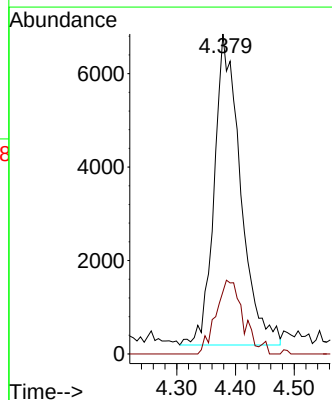
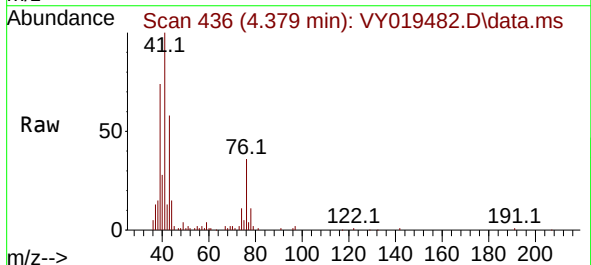
Manual Integrations
APPROVED

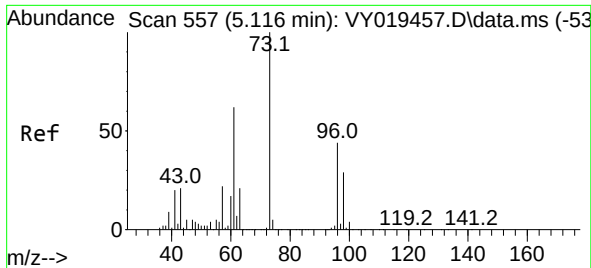
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#18
Methyl Acetate
Concen: 6.689 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion: 43 Resp: 20721
Ion Ratio Lower Upper
43 100
74 23.9 23.3 34.9





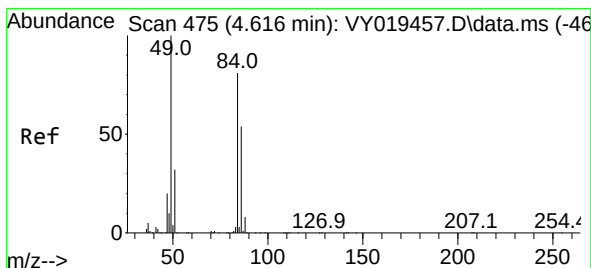
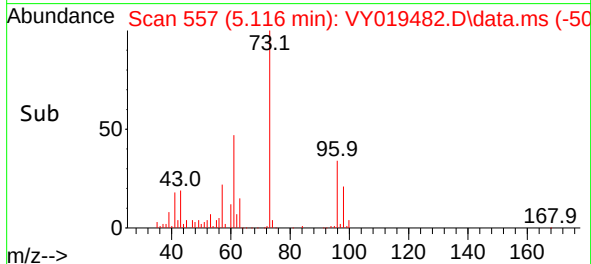
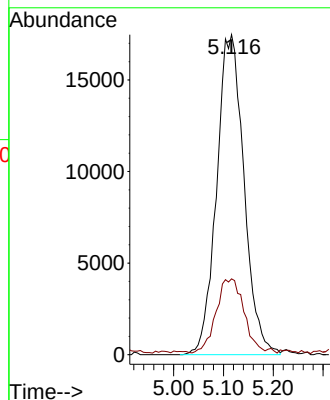
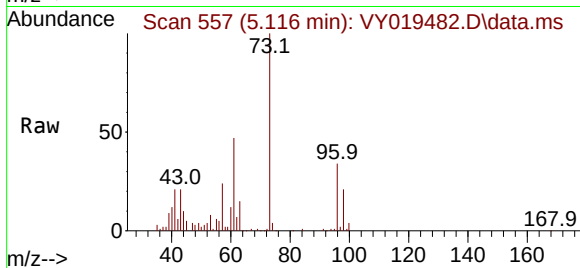
#19
Methyl tert-butyl Ether
Concen: 5.118 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion: 73 Resp: 6655
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9

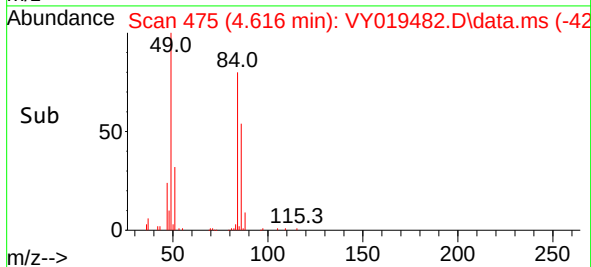
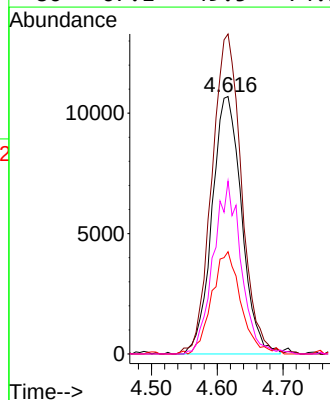
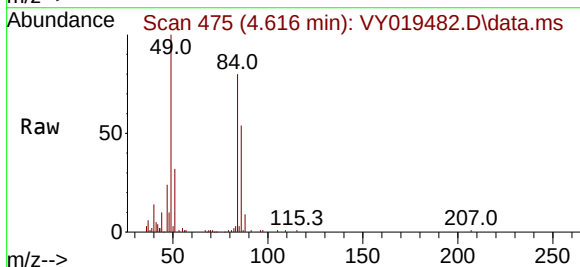
Manual Integrations
APPROVED

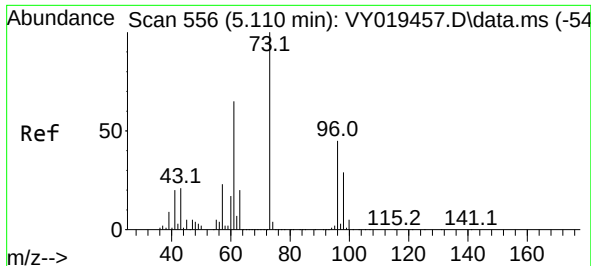
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#20
Methylene Chloride
Concen: 6.435 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion: 84 Resp: 33500
Ion Ratio Lower Upper
84 100
49 123.6 84.4 126.6
51 39.1 26.0 39.0#
86 67.1 49.5 74.3





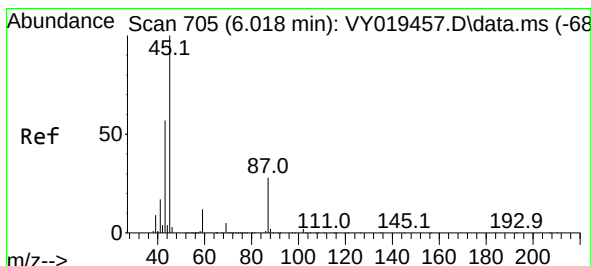
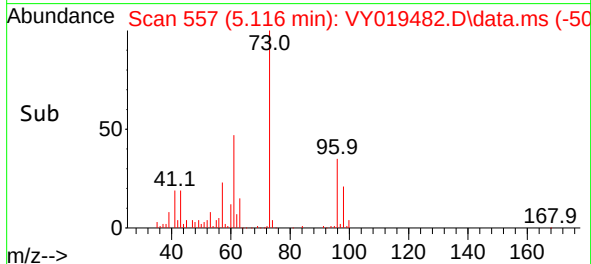
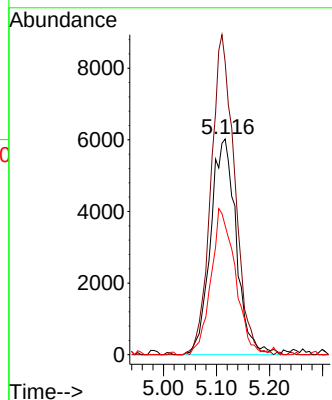
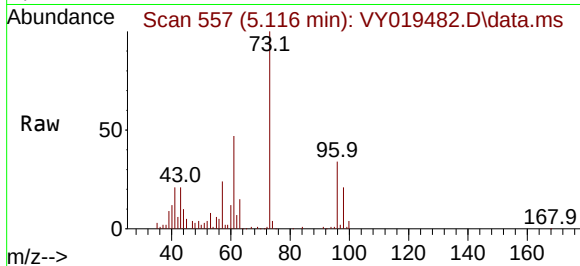
#21
trans-1,2-Dichloroethene
Concen: 4.023 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion: 96 Resp: 2024
Ion Ratio Lower Upper
96 100
61 135.6 97.5 146.3
98 59.8 50.5 75.7

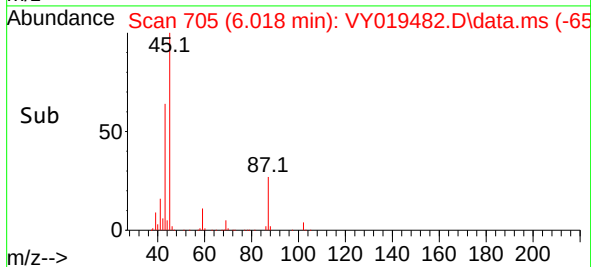
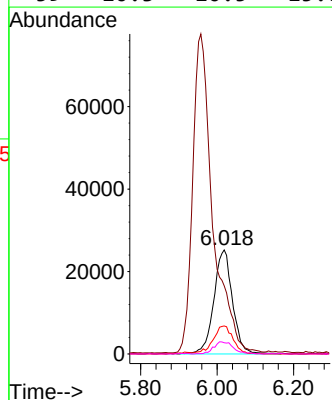
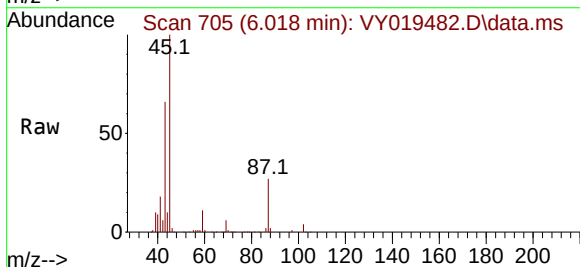
Manual Integrations
APPROVED

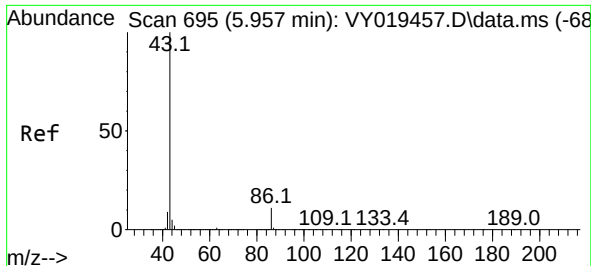
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#22
Diisopropyl ether
Concen: 5.057 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

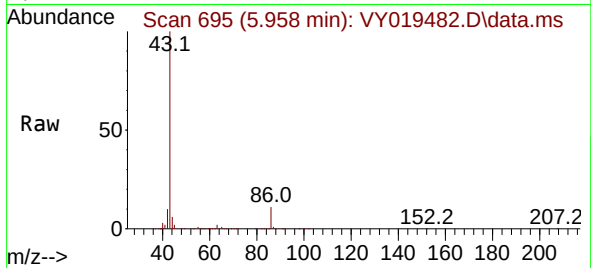
Tgt Ion: 45 Resp: 85492
Ion Ratio Lower Upper
45 100
43 63.7 42.2 63.2#
87 26.9 25.0 37.6
59 10.3 10.5 15.7#





#23
 Vinyl Acetate
 Concen: 29.080 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019482.D
 Acq: 10 Sep 2024 11:55

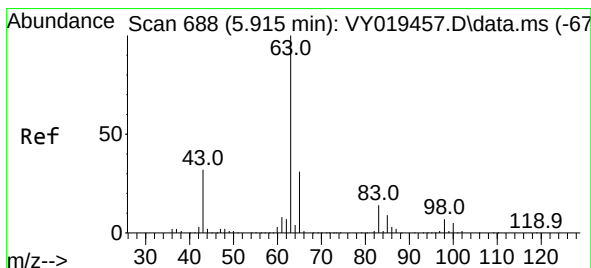
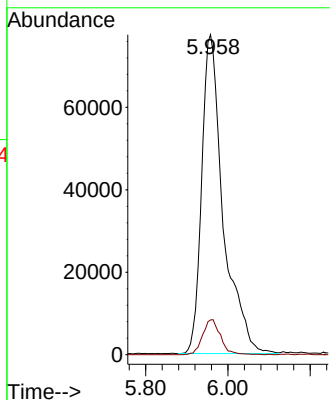
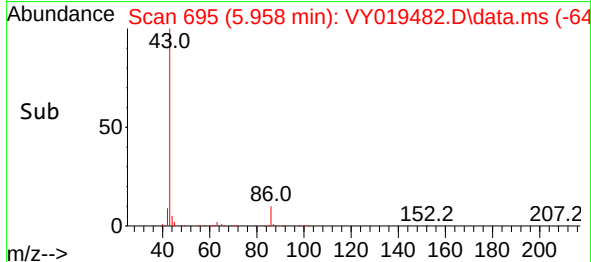
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 280824
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.6 16.0

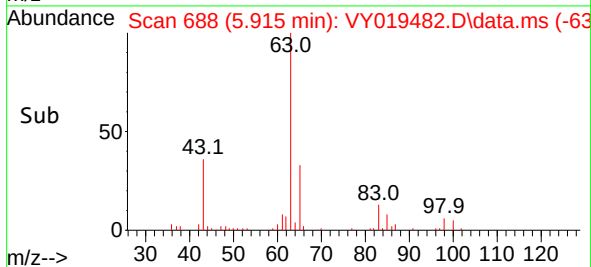
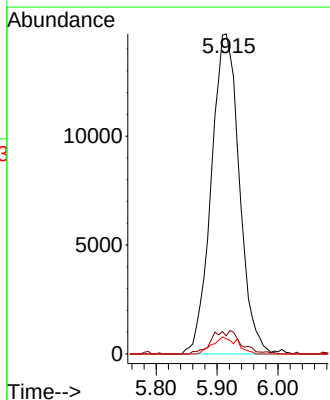
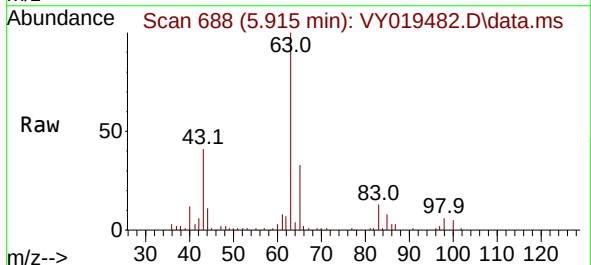
Manual Integrations
 APPROVED

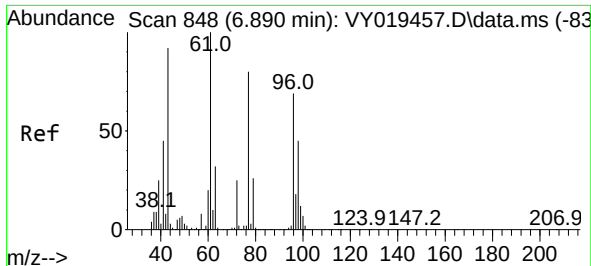
Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024



#24
 1,1-Dichloroethane
 Concen: 4.955 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019482.D
 Acq: 10 Sep 2024 11:55

Tgt Ion: 63 Resp: 47011
 Ion Ratio Lower Upper
 63 100
 98 5.6 4.0 12.2
 100 4.7 2.6 8.0





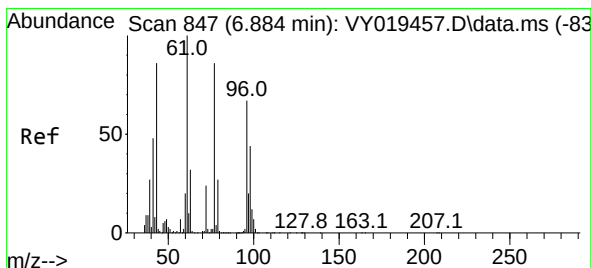
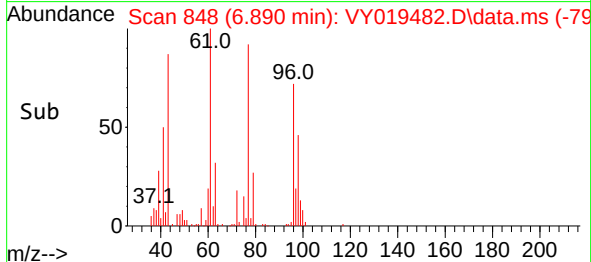
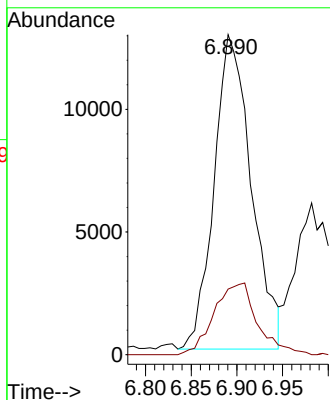
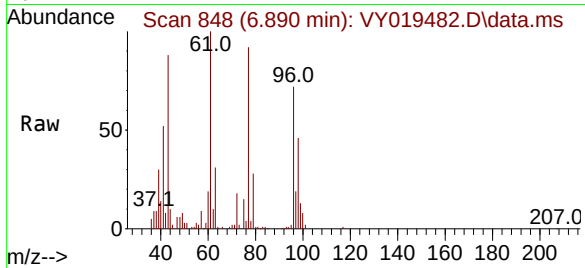
#25
2-Butanone
Concen: 22.433 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion: 43 Resp: 3642
Ion Ratio Lower Upper
43 100
72 20.9 27.3 40.9

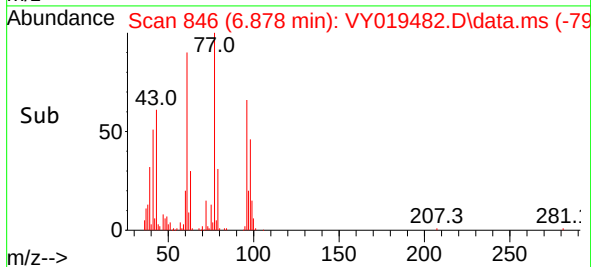
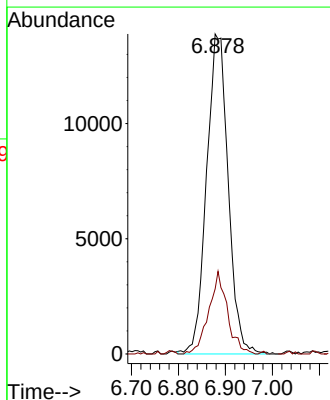
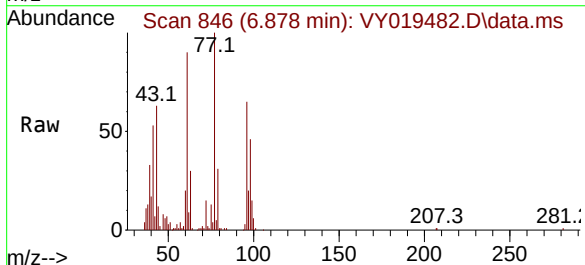
Manual Integrations
APPROVED

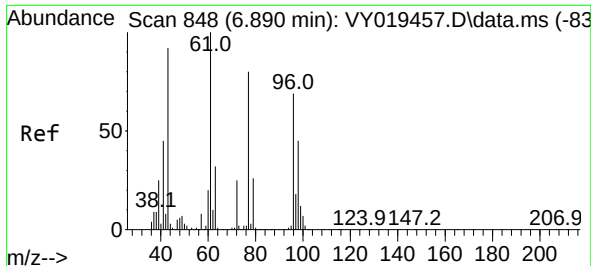
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#26
2,2-Dichloropropane
Concen: 5.181 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

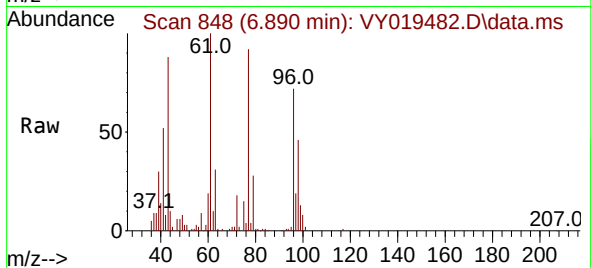
Tgt Ion: 77 Resp: 44340
Ion Ratio Lower Upper
77 100
97 22.4 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 4.953 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019482.D
 Acq: 10 Sep 2024 11:55

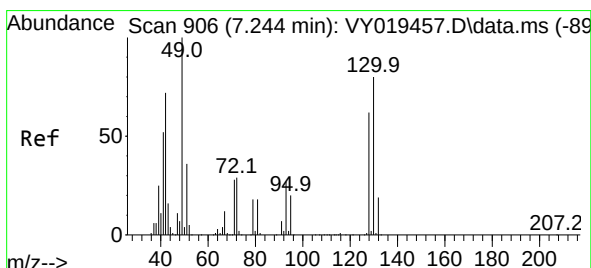
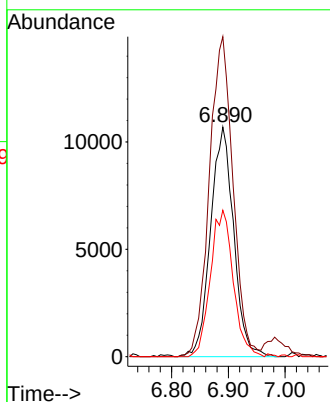
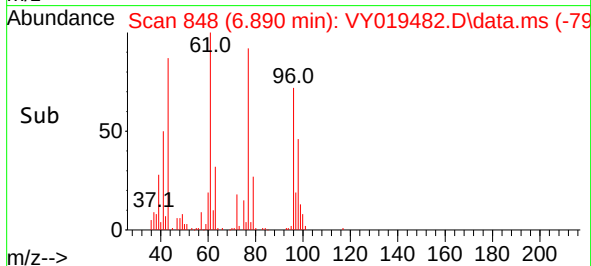
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024



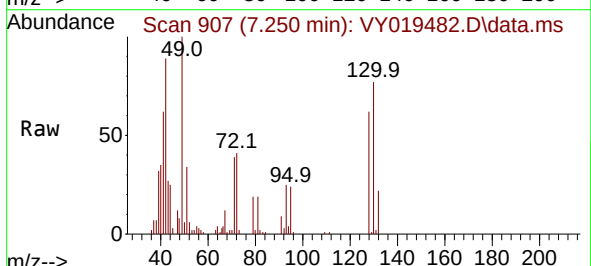
Tgt Ion: 96 Resp: 30279
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 256.2
 98 62.9 0.0 130.0

Manual Integrations
 APPROVED

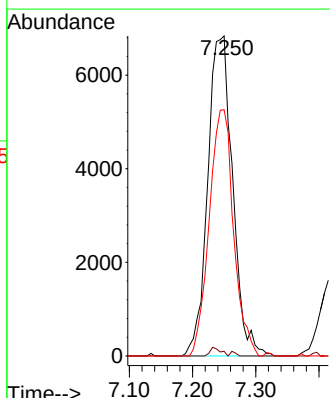
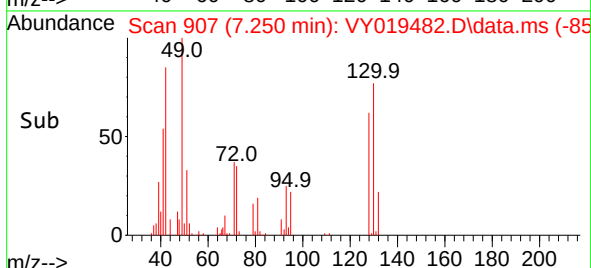
Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

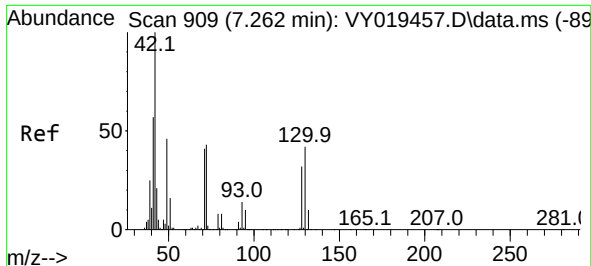


#28
 Bromochloromethane
 Concen: 4.688 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY019482.D
 Acq: 10 Sep 2024 11:55



Tgt Ion: 49 Resp: 18715
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 4.6
 130 75.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 22.737 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019482.D

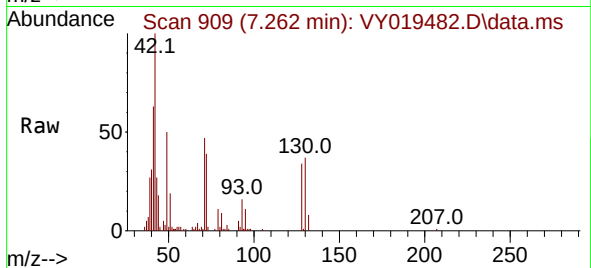
Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

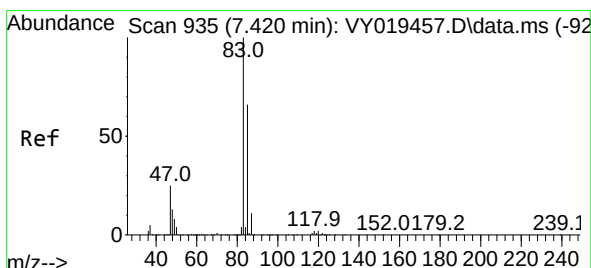
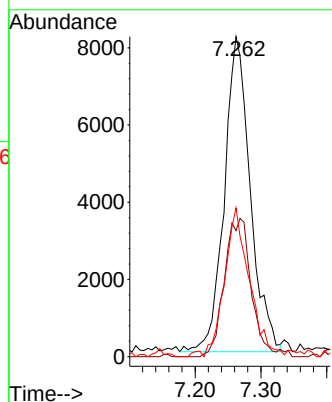
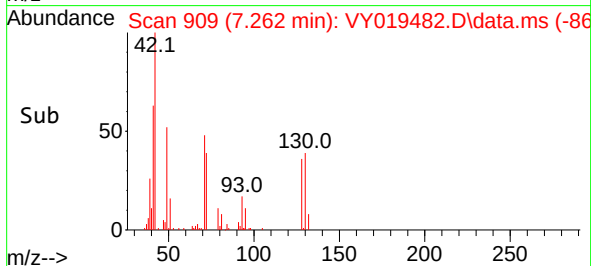
LOQ-SOIL-02-QT3-2024



Tgt Ion:	42	Resp:	2244
Ion Ratio	Lower	Upper	
42	100		
72	44.9	43.0	64.4
71	45.3	40.8	61.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#30

Chloroform

Concen: 5.239 ug/l

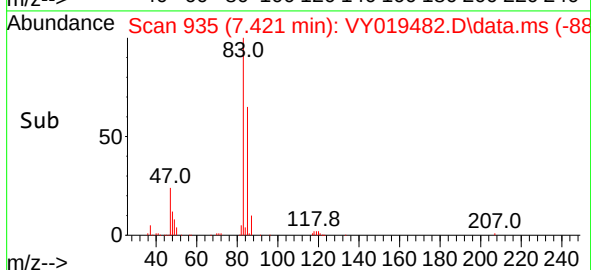
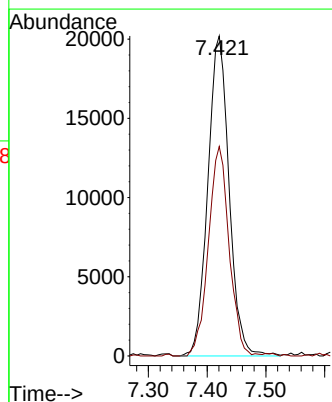
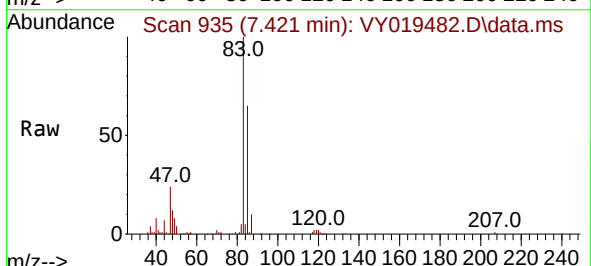
RT: 7.421 min Scan# 935

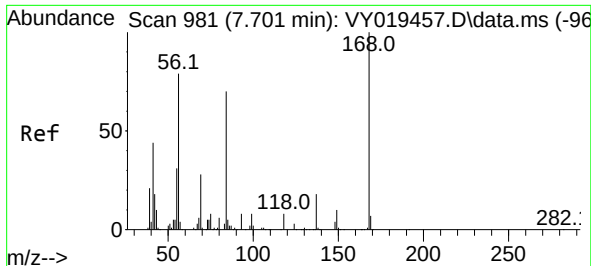
Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

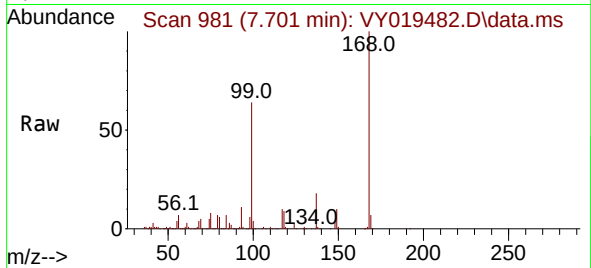
Tgt Ion:	83	Resp:	50736
Ion Ratio	Lower	Upper	
83	100		
85	65.4	52.2	78.4





#31
Cyclohexane
Concen: 4.299 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

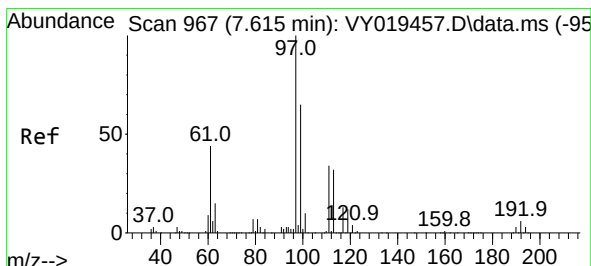
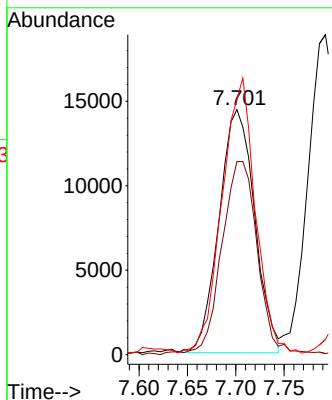
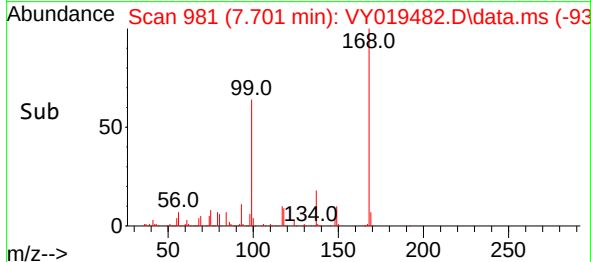
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



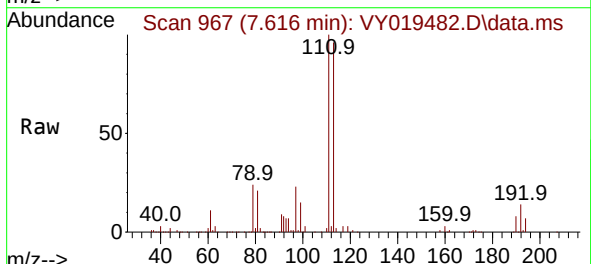
Tgt Ion: 56 Resp: 3686
Ion Ratio Lower Upper
56 100
69 78.2 28.7 43.1
84 104.3 77.7 116.5

Manual Integrations
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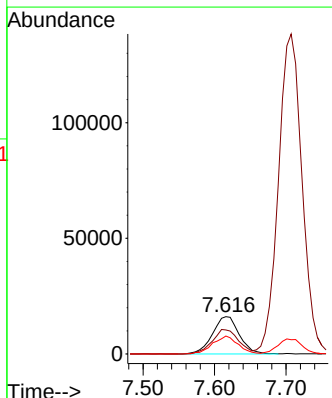
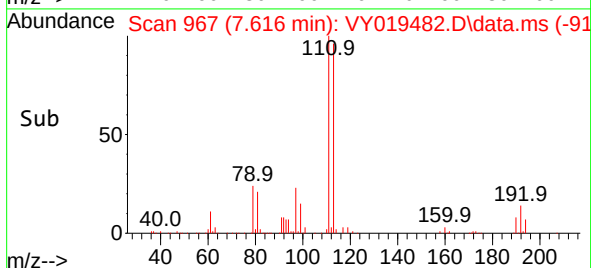
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

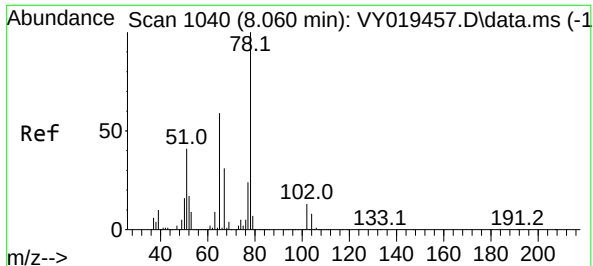


#32
1,1,1-Trichloroethane
Concen: 4.827 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55



Tgt Ion: 97 Resp: 41903
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 45.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 59.093 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 65 Resp: 283149

Ion Ratio Lower Upper

65 100

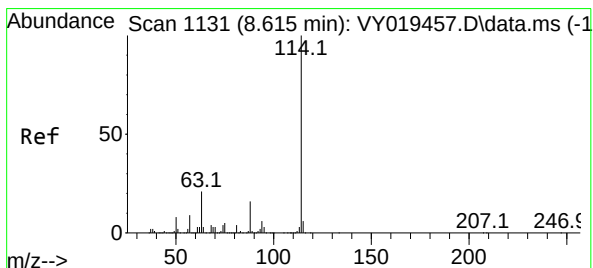
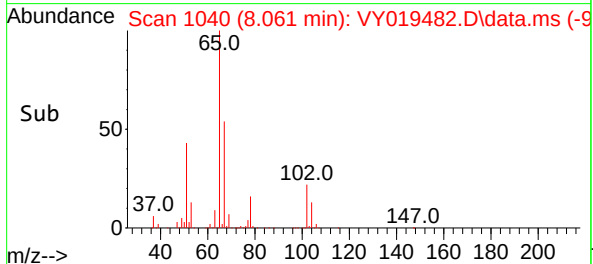
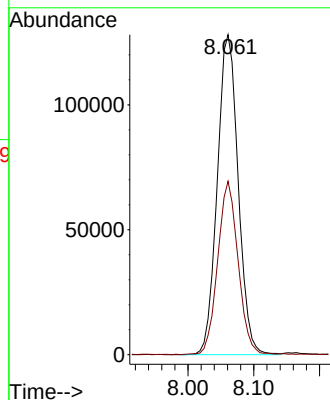
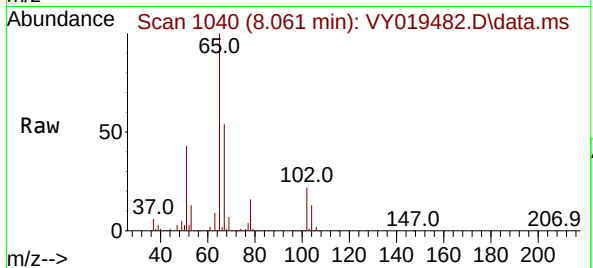
67 53.0 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

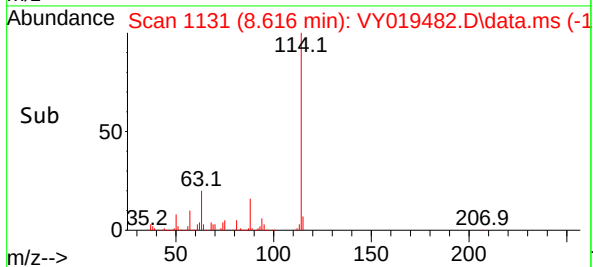
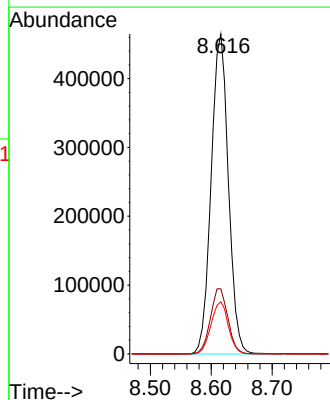
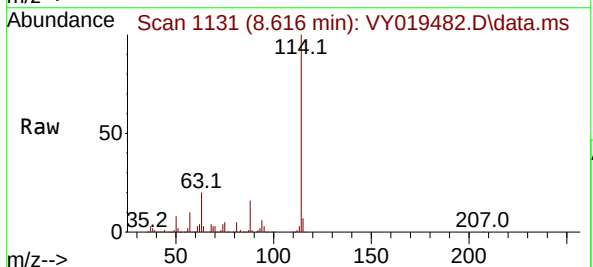
Tgt Ion:114 Resp: 911308

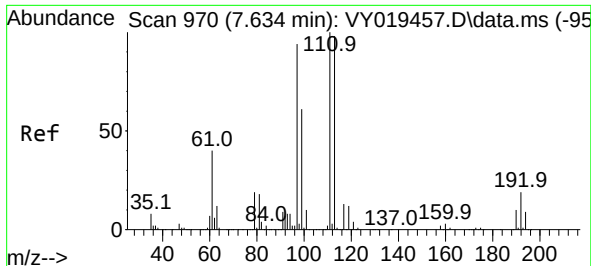
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

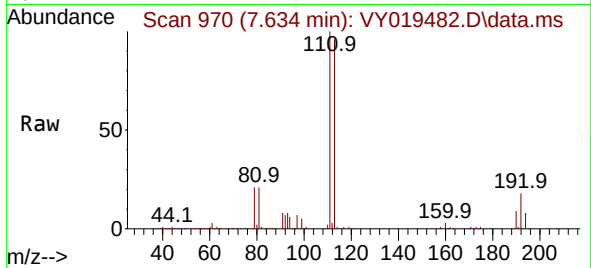
88 16.3 0.0 27.2





#35
Dibromofluoromethane
Concen: 55.514 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

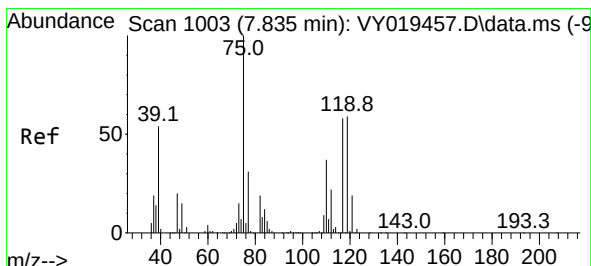
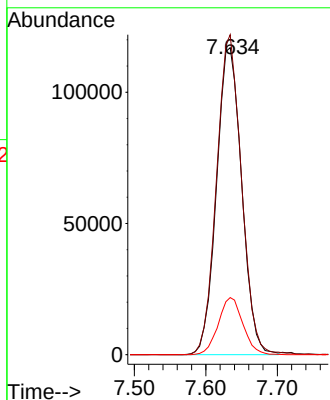
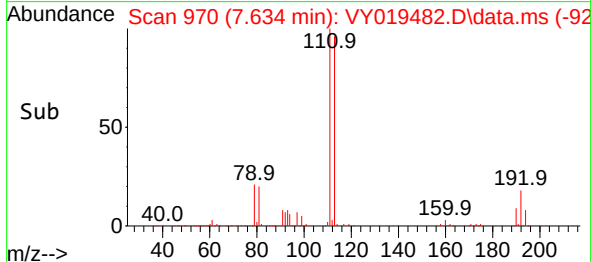
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



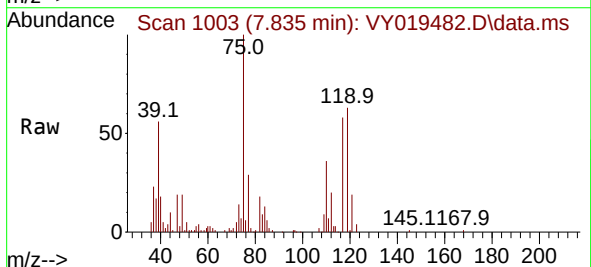
Tgt Ion: 113 Resp: 286839
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 18.1 15.9 23.9

Manual Integrations
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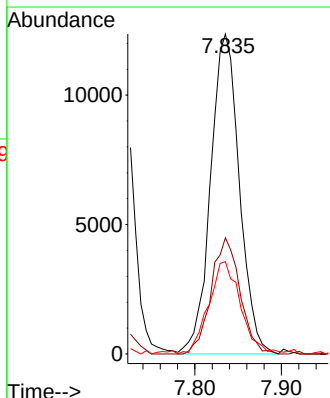
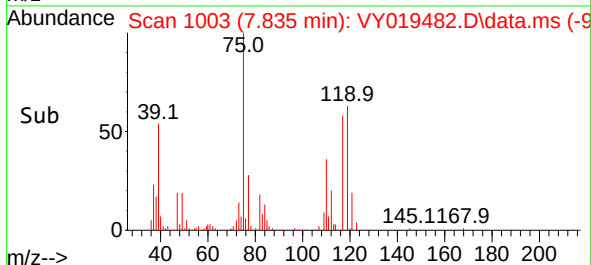
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

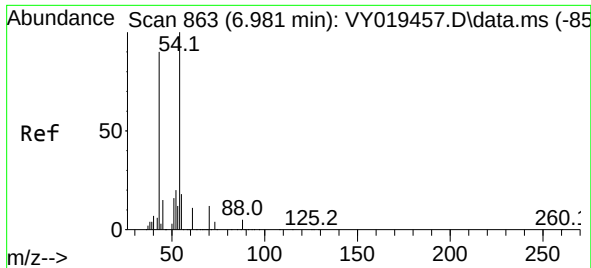


#36
1,1-Dichloropropene
Concen: 4.059 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55



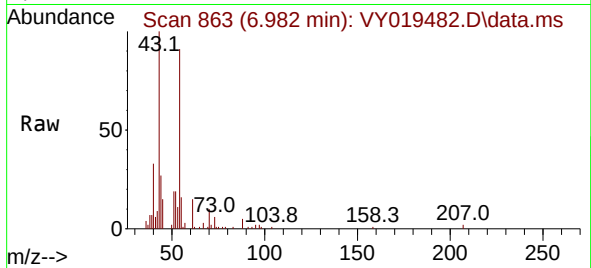
Tgt Ion: 75 Resp: 28541
Ion Ratio Lower Upper
75 100
110 36.4 19.0 57.0
77 32.0 25.3 37.9





#37
Ethyl Acetate
Concen: 4.566 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

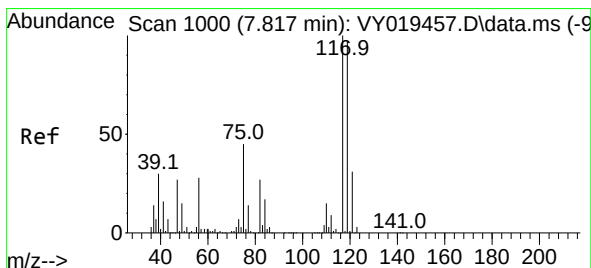
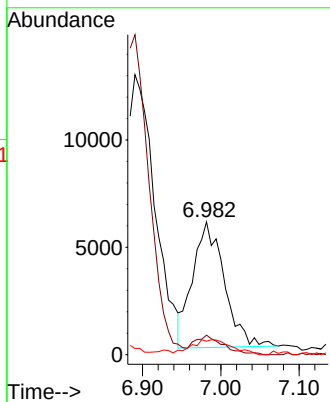
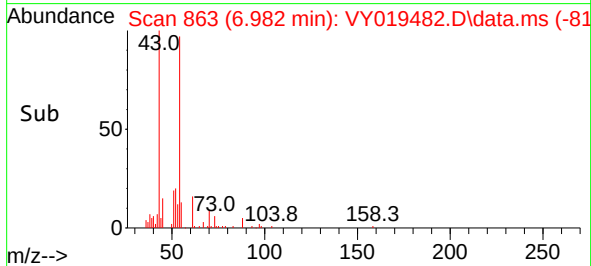
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 16449
Ion Ratio Lower Upper
43 100
61 13.7 12.6 19.0
70 15.0 7.8 11.8

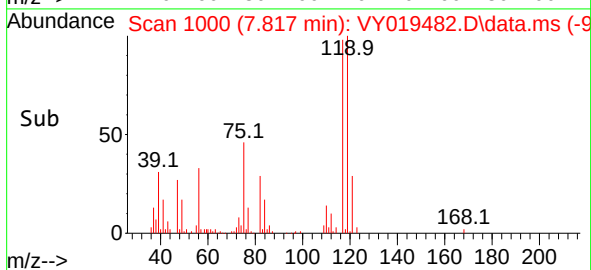
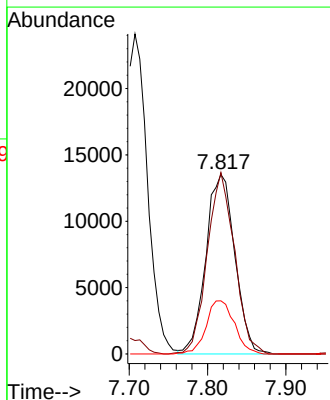
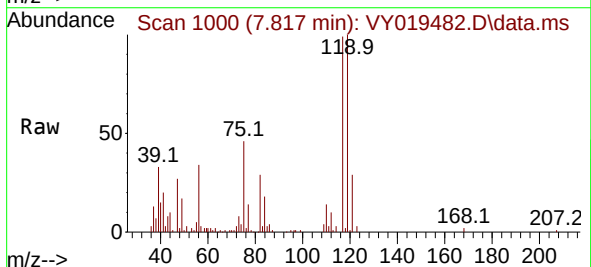
Manual Integrations
APPROVED

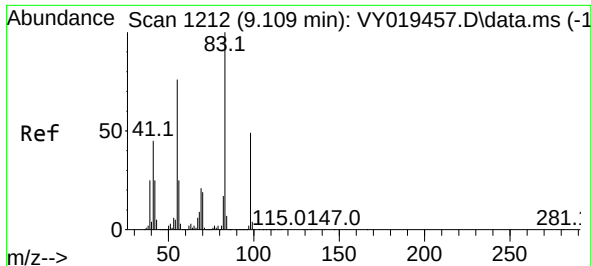
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#38
Carbon Tetrachloride
Concen: 4.399 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion:117 Resp: 34880
Ion Ratio Lower Upper
117 100
119 101.0 75.8 113.6
121 29.6 24.0 36.0





#39

Methylcyclohexane

Concen: 3.348 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019482.D

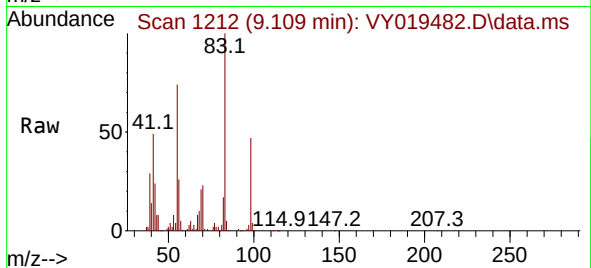
Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2024

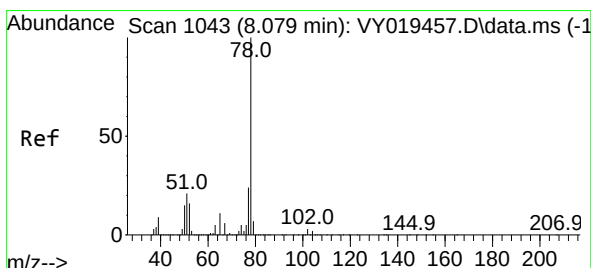
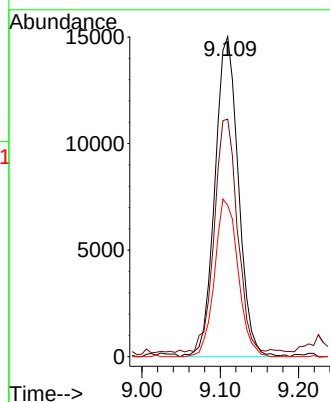
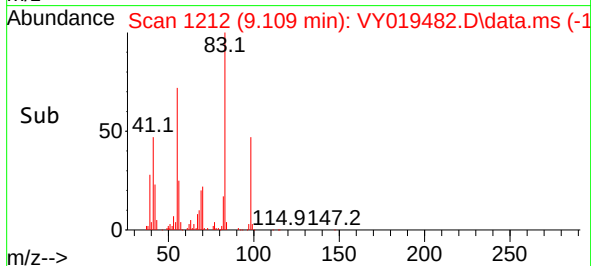


Tgt Ion:	83	Resp:	3132
Ion Ratio	Lower	Upper	
83	100		
55	72.2	51.5	77.3
98	47.3	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#40

Benzene

Concen: 4.444 ug/l

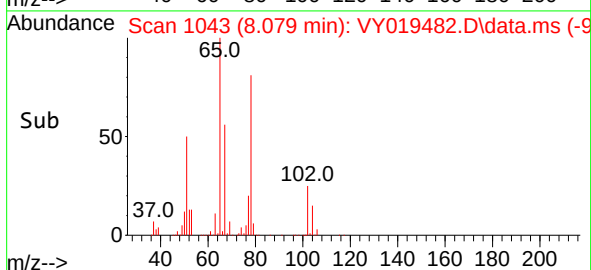
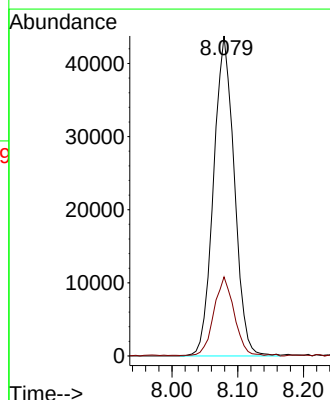
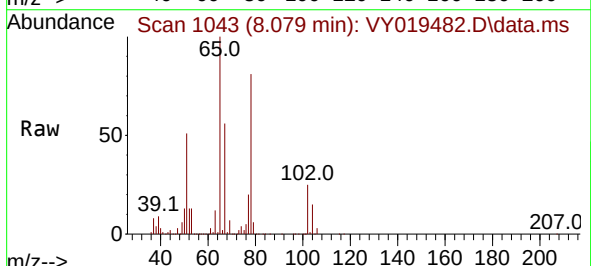
RT: 8.079 min Scan# 1043

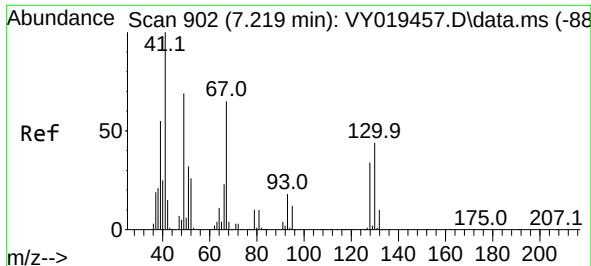
Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Tgt Ion:	78	Resp:	96230
Ion Ratio	Lower	Upper	
78	100		
77	24.7	19.5	29.3





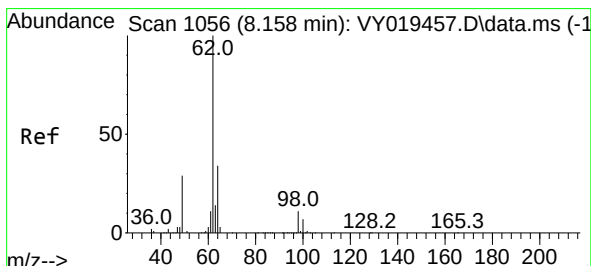
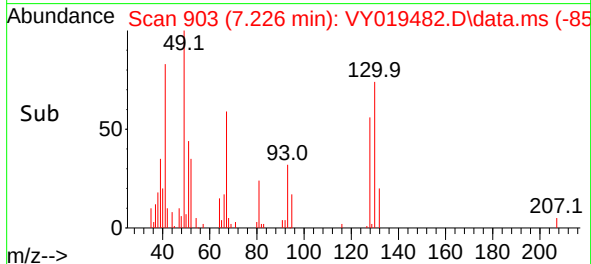
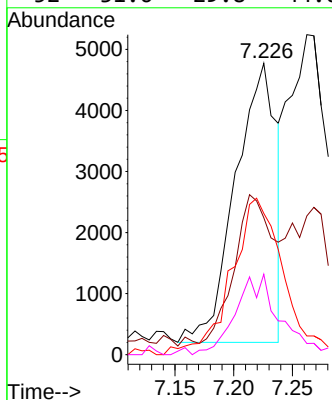
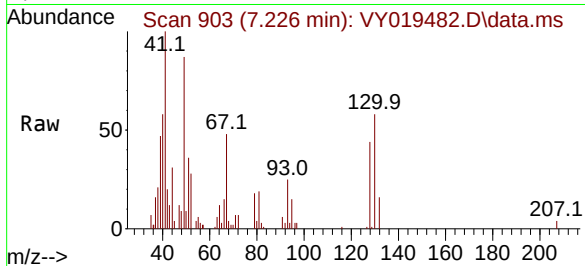
#41
Methacrylonitrile
Concen: 5.264 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion: 41	Resp: 11054
Ion Ratio	Lower Upper
41 100	
39 50.1	48.0 72.0
67 72.6	75.1 112.7
52 31.6	29.8 44.6

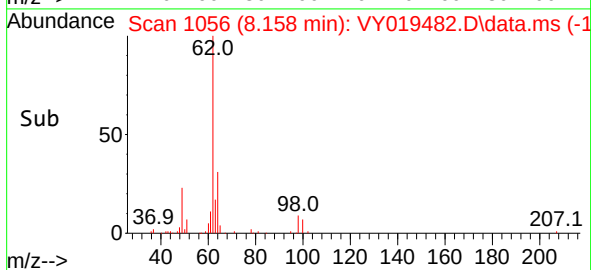
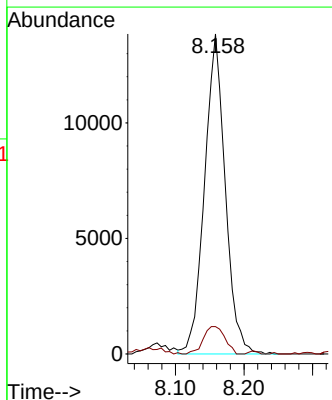
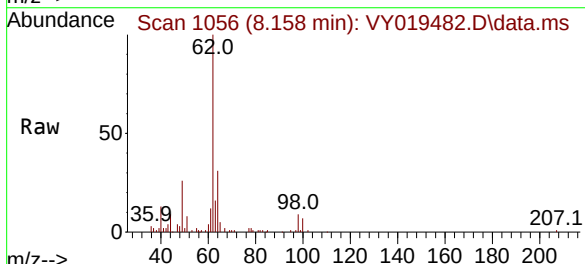
Manual Integrations
APPROVED

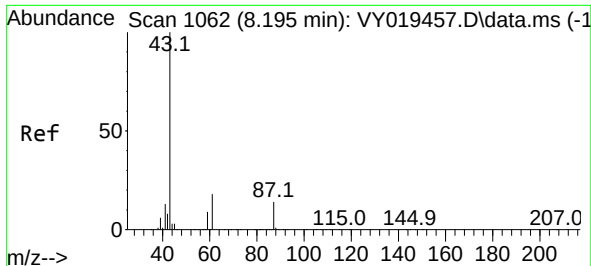
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#42
1,2-Dichloroethane
Concen: 5.003 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

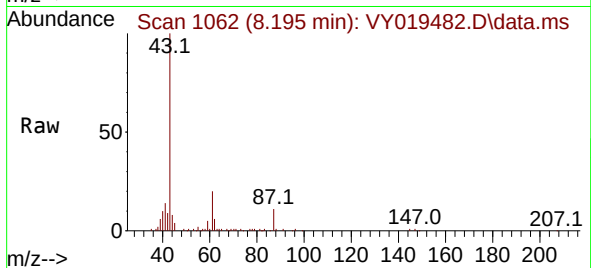
Tgt Ion: 62	Resp: 29152
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 22.0





#43
Isopropyl Acetate
Concen: 4.839 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

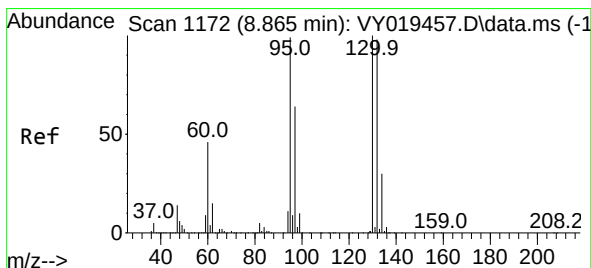
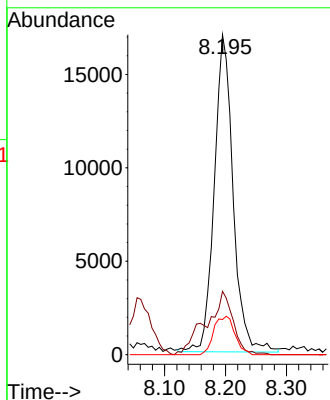
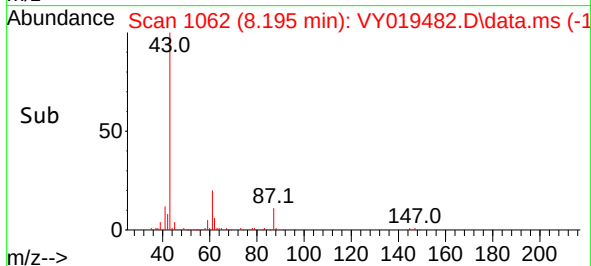
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 36624
Ion Ratio Lower Upper
43 100
61 19.5 27.9 41.9
87 13.5 13.1 19.7

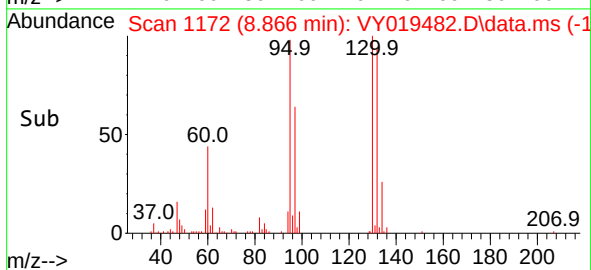
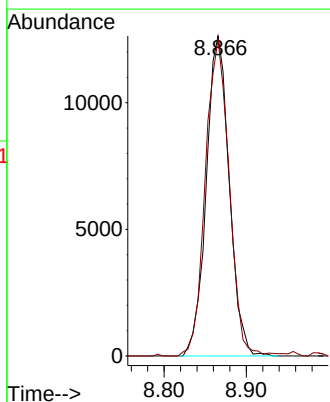
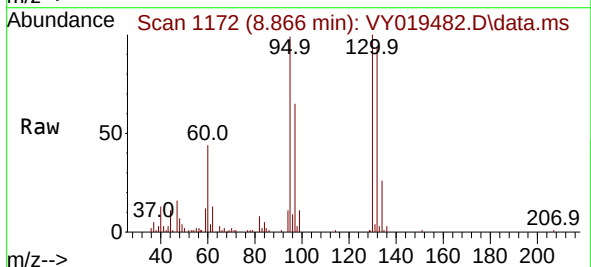
Manual Integrations
APPROVED

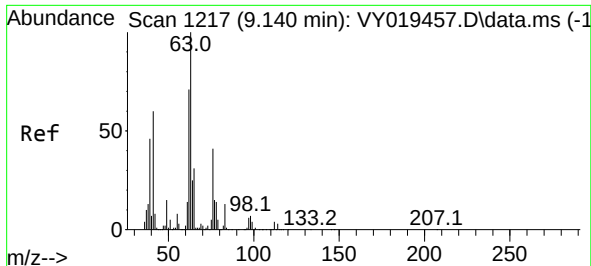
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#44
Trichloroethene
Concen: 4.412 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion:130 Resp: 24572
Ion Ratio Lower Upper
130 100
95 98.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 4.820 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 63 Resp: 25518

Ion Ratio Lower Upper

63 100

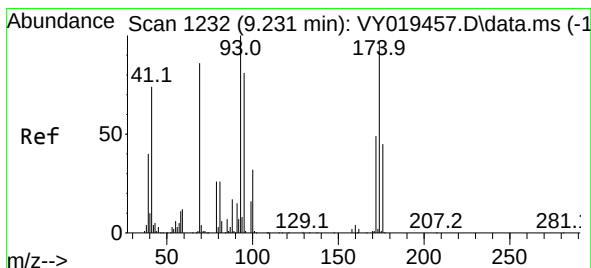
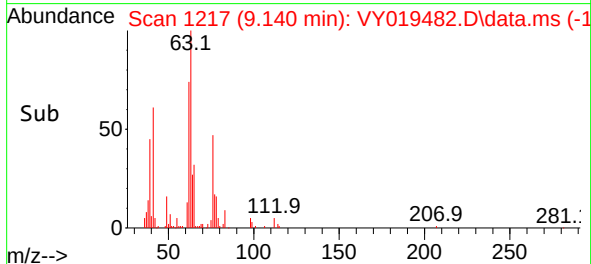
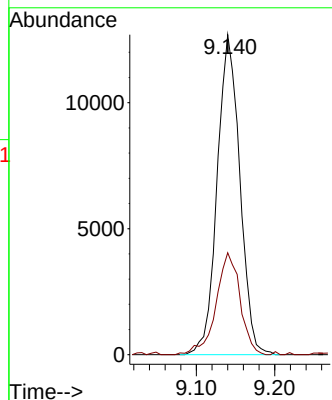
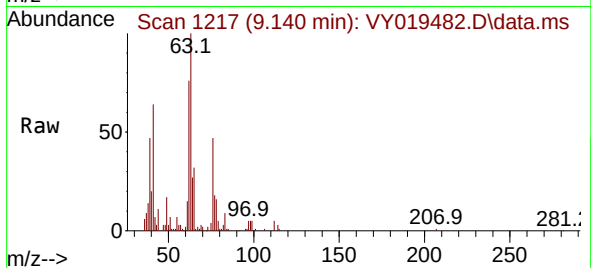
65 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#46

Dibromomethane

Concen: 4.705 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

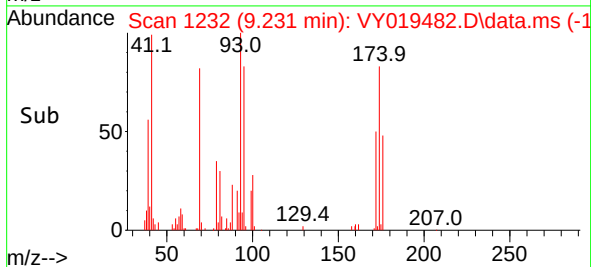
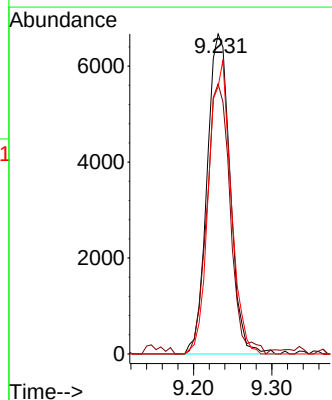
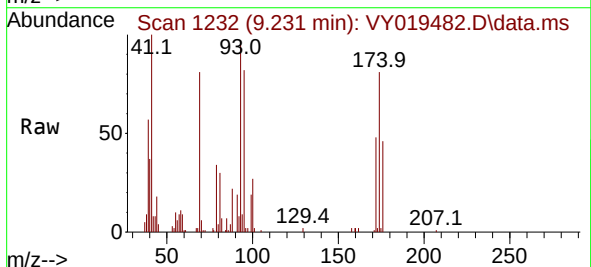
Tgt Ion: 93 Resp: 13622

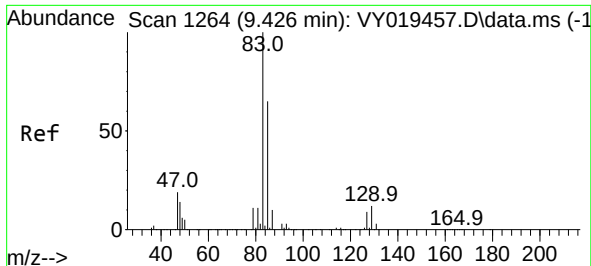
Ion Ratio Lower Upper

93 100

95 85.3 66.2 99.4

174 88.6 80.9 121.3





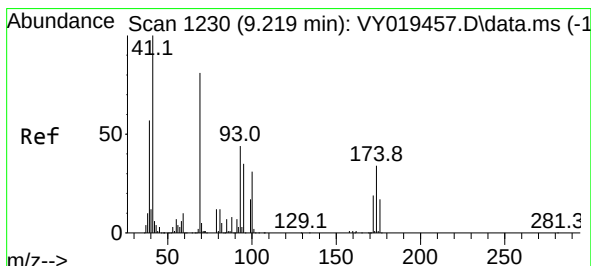
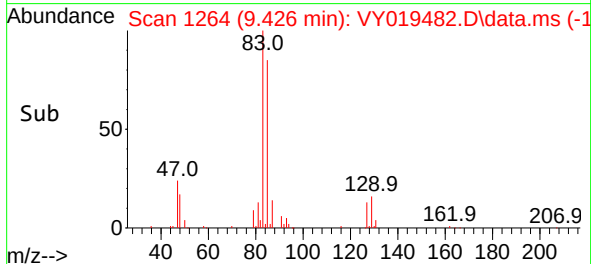
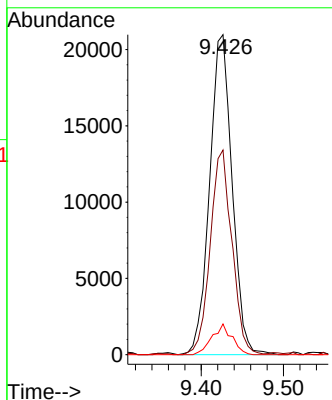
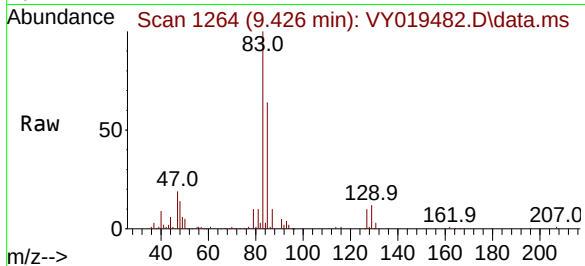
#47
Bromodichloromethane
Concen: 5.132 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024

Tgt Ion: 83 Resp: 39939
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 9.6 7.4 11.0

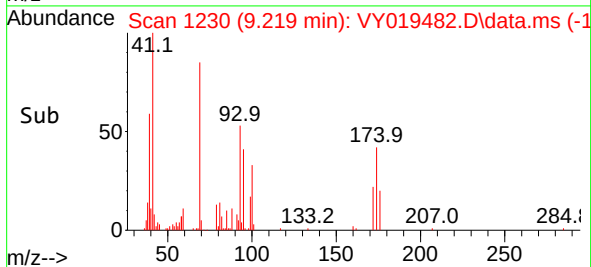
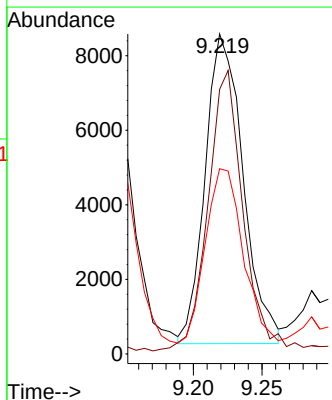
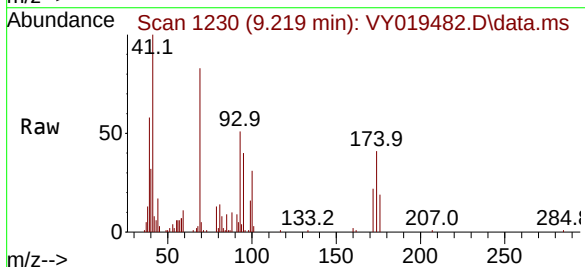
Manual Integrations
APPROVED

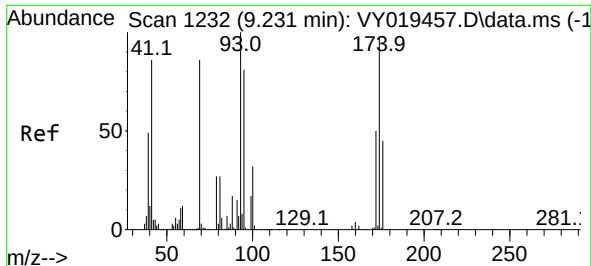
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#48
Methyl methacrylate
Concen: 4.468 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion: 41 Resp: 15969
Ion Ratio Lower Upper
41 100
69 89.1 84.1 126.1
39 59.2 43.6 65.4





#49

1,4-Dioxane

Concen: 97.912 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

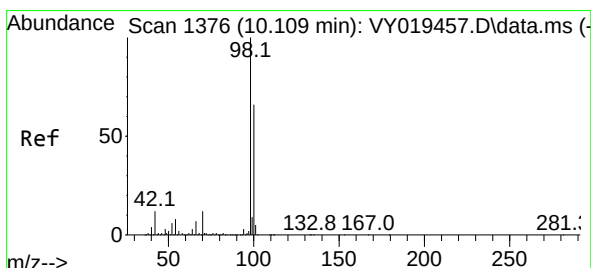
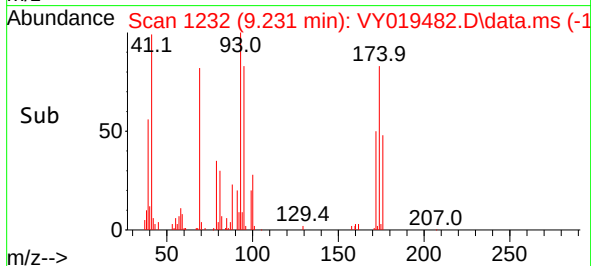
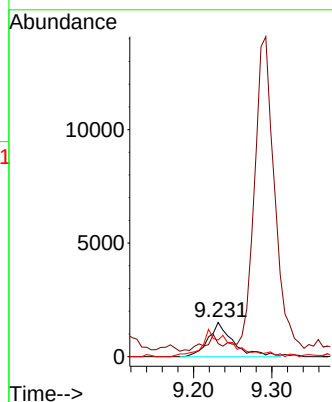
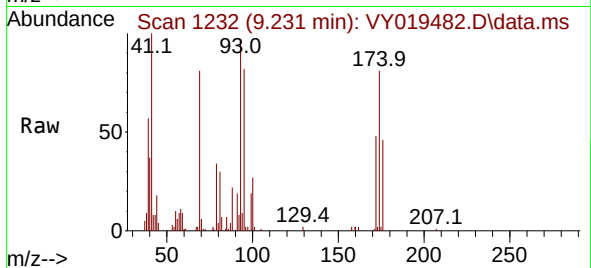
LOQ-SOIL-02-QT3-2024

Tgt Ion: 88	Resp: 333
Ion Ratio	Lower Upper
88 100	
43 27.4	0.0 0.0
58 93.0	49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#50

Toluene-d8

Concen: 56.727 ug/l

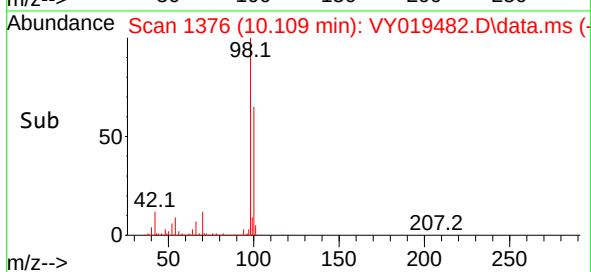
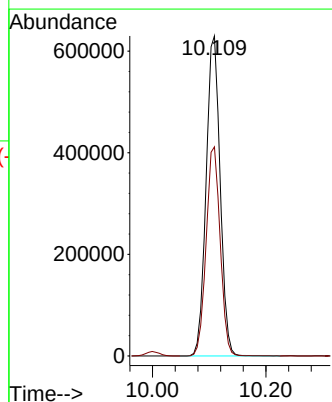
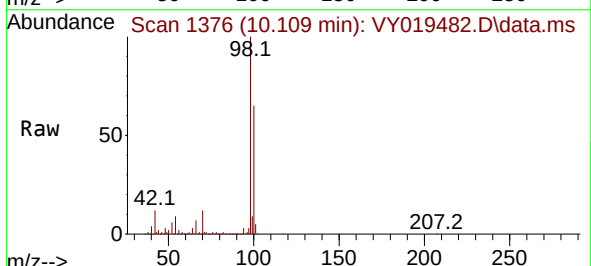
RT: 10.109 min Scan# 1376

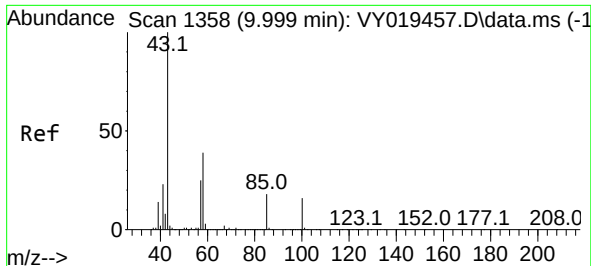
Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Tgt Ion: 98	Resp: 1084137
Ion Ratio	Lower Upper
98 100	
100 65.4	52.0 78.0





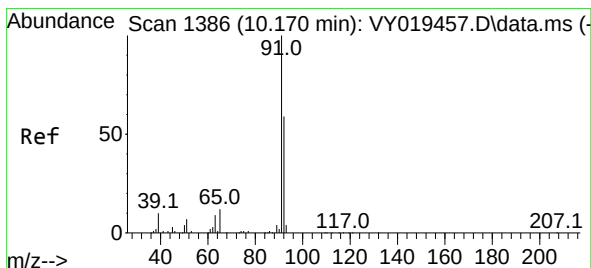
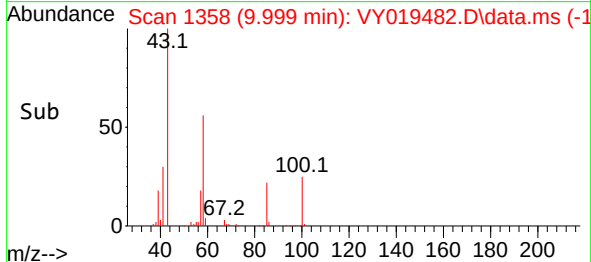
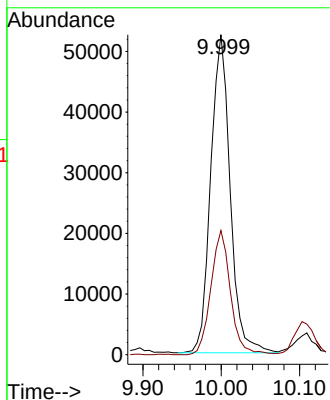
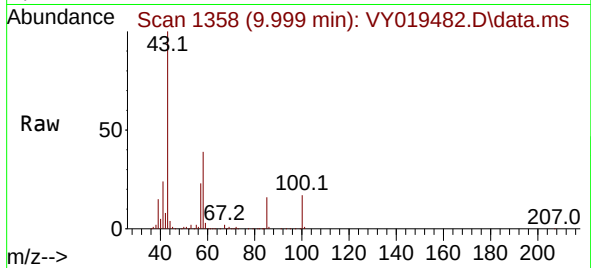
#51
4-Methyl-2-Pentanone
Concen: 23.711 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion: 43 Resp: 9028
Ion Ratio Lower Upper
43 100
58 39.4 35.7 53.5

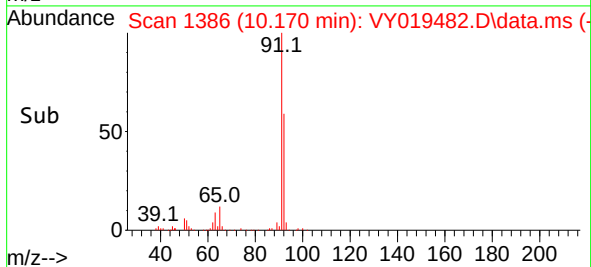
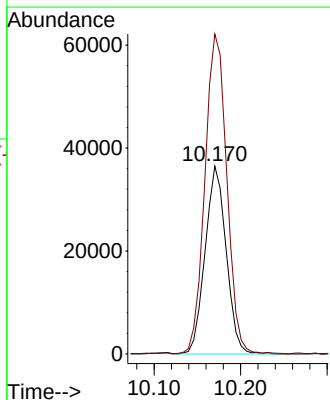
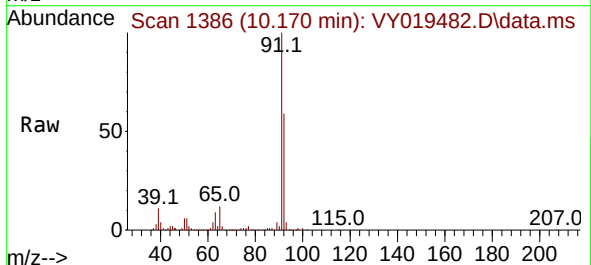
Manual Integrations
APPROVED

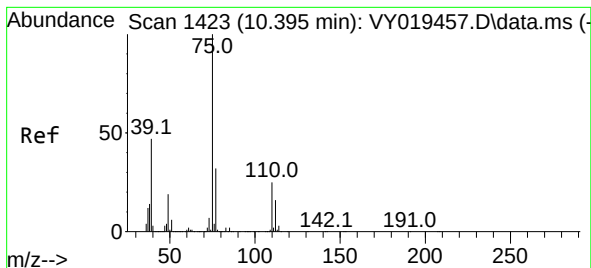
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#52
Toluene
Concen: 4.434 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

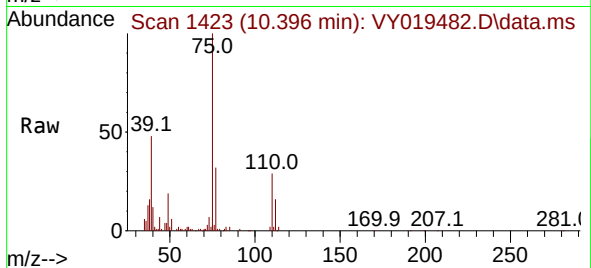
Tgt Ion: 92 Resp: 61749
Ion Ratio Lower Upper
92 100
91 176.7 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 4.613 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

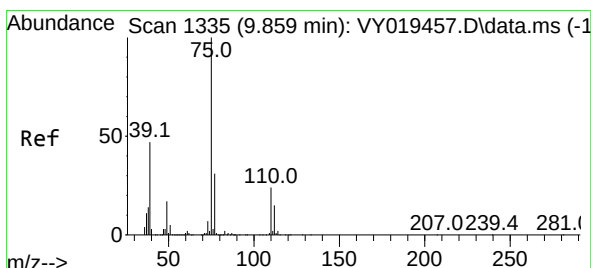
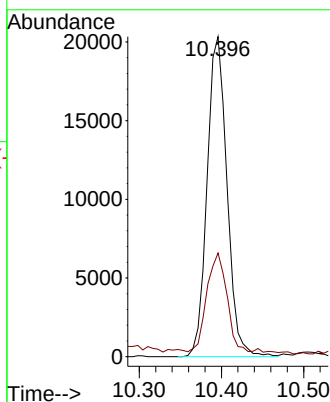
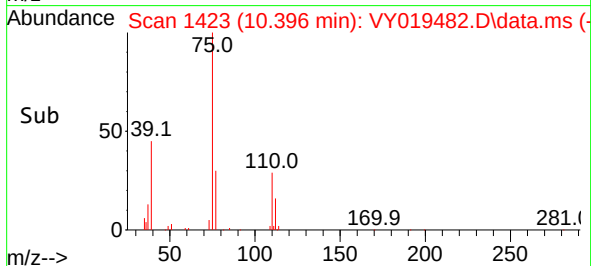
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 75 Resp: 3422
Ion Ratio Lower Upper
75 100
77 31.1 24.1 36.1

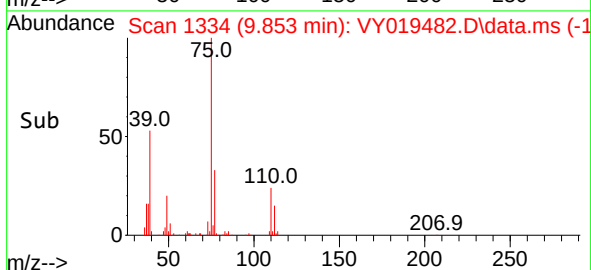
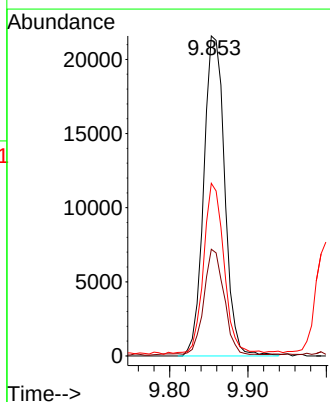
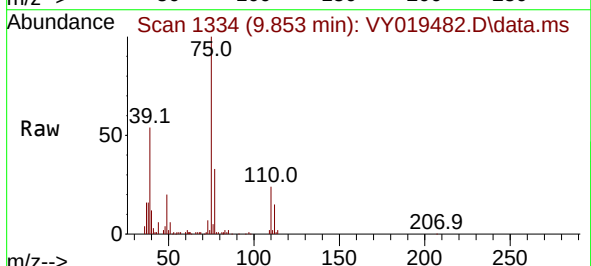
Manual Integrations
APPROVED

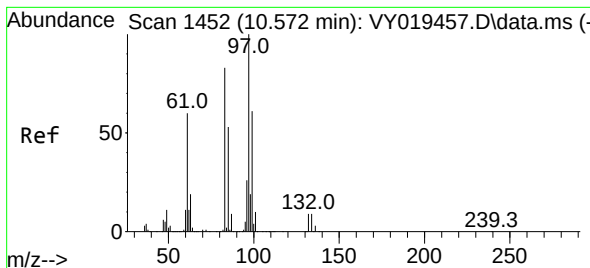
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#54
cis-1,3-Dichloropropene
Concen: 4.642 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

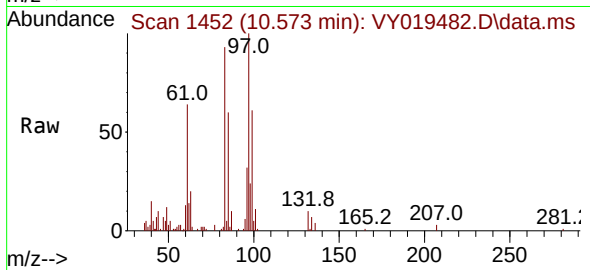
Tgt Ion: 75 Resp: 40102
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
39 52.8 29.8 44.6#





#55
1,1,2-Trichloroethane
Concen: 4.827 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

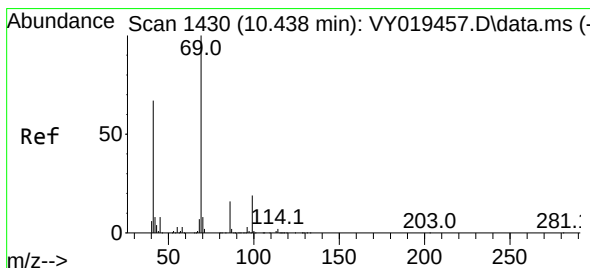
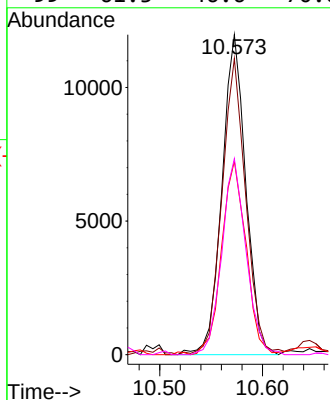
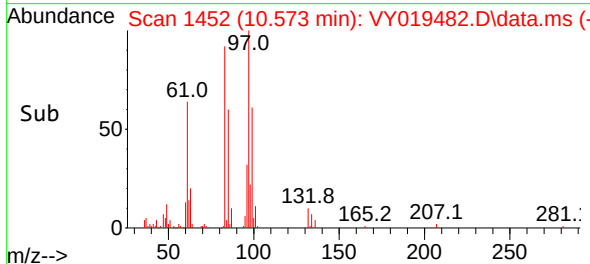
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



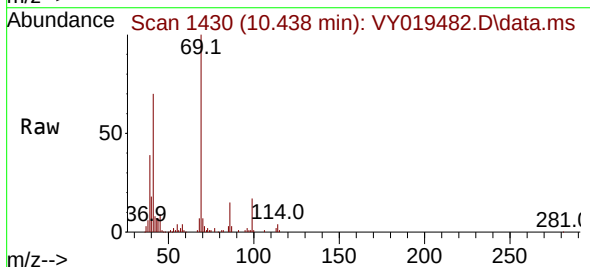
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.5	67.5	101.3
85	59.8	42.9	64.3
99	61.3	46.6	70.0

Manual Integrations
APPROVED

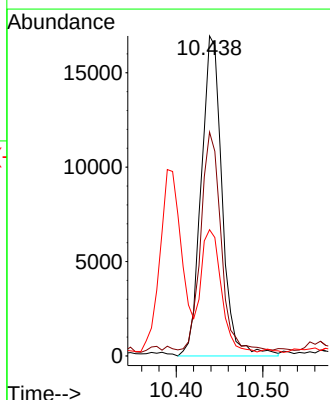
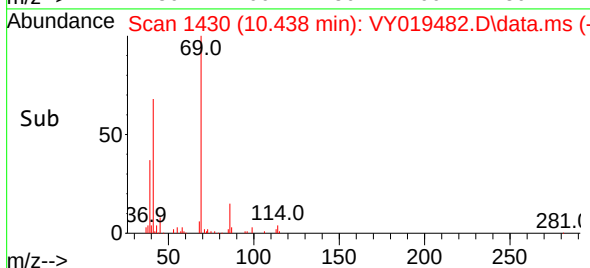
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

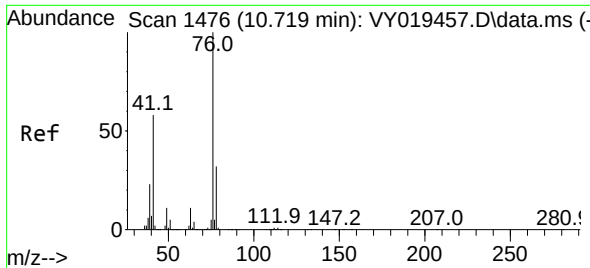


#56
Ethyl methacrylate
Concen: 4.674 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55



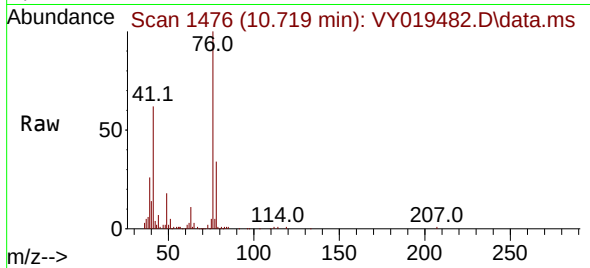
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.9	42.3	63.5#
39	36.8	22.9	34.3#





#57
1,3-Dichloropropane
Concen: 4.726 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

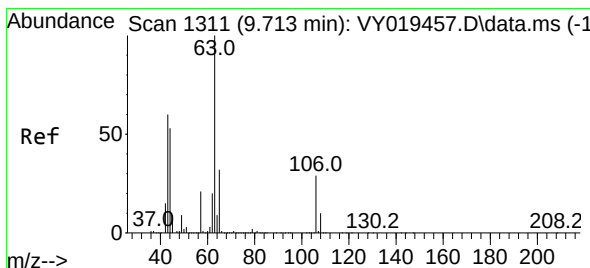
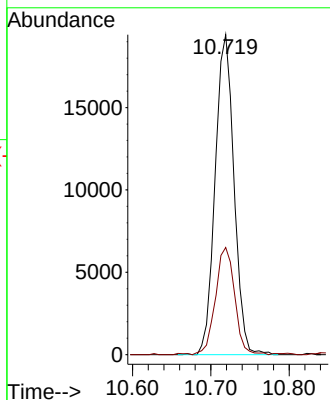
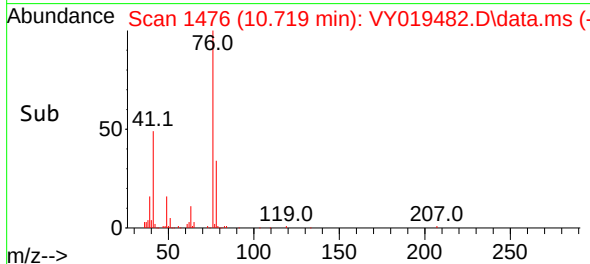
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 76 Resp: 32479
Ion Ratio Lower Upper
76 100
78 34.2 26.2 39.4

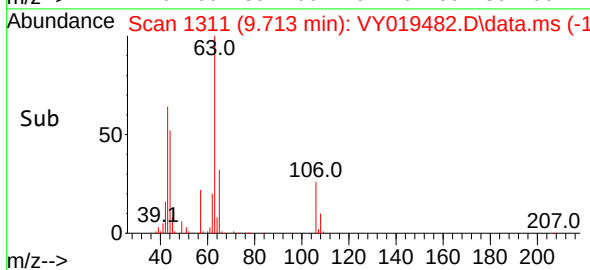
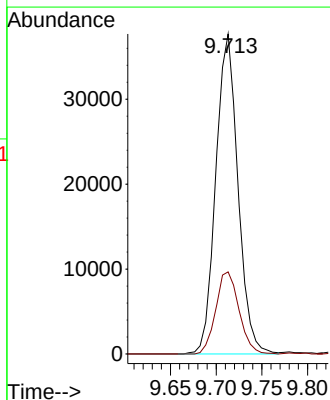
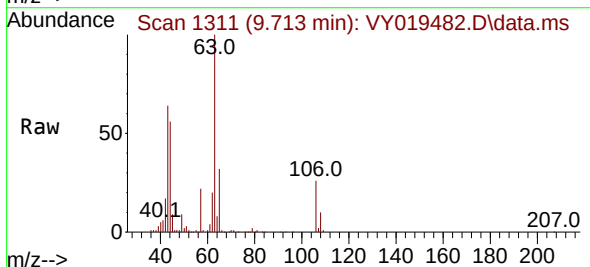
Manual Integrations
APPROVED

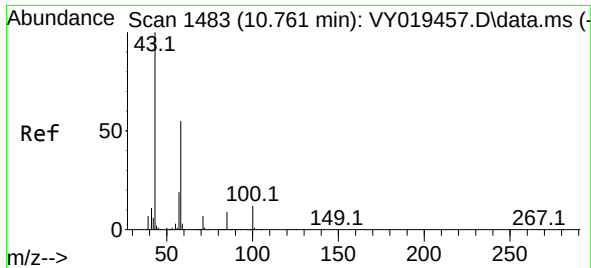
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#58
2-Chloroethyl Vinyl ether
Concen: 22.562 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

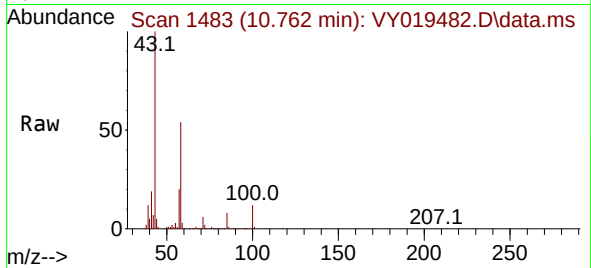
Tgt Ion: 63 Resp: 63596
Ion Ratio Lower Upper
63 100
106 26.9 23.7 35.5





#59
2-Hexanone
Concen: 22.081 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

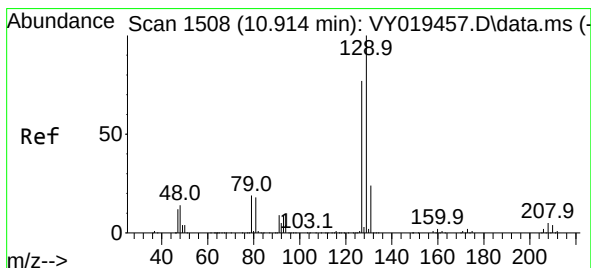
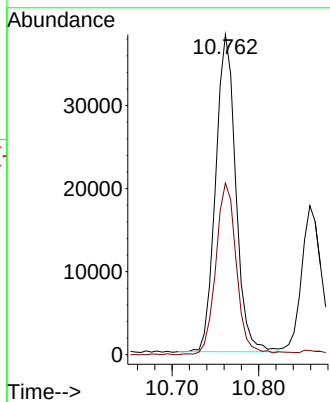
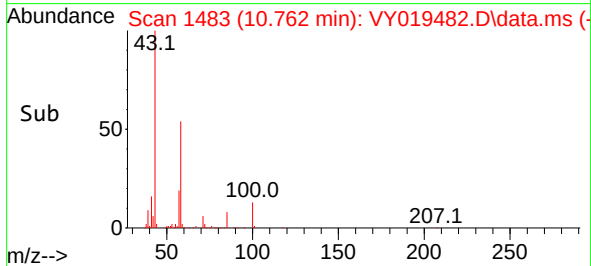
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 6163
Ion Ratio Lower Upper
43 100
58 56.1 31.4 94.0

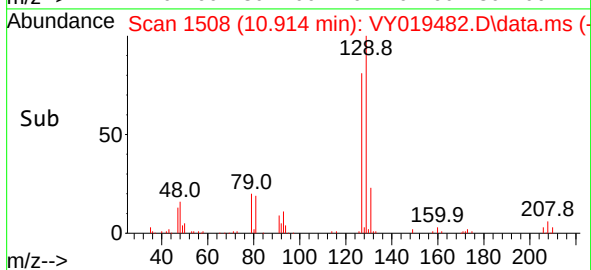
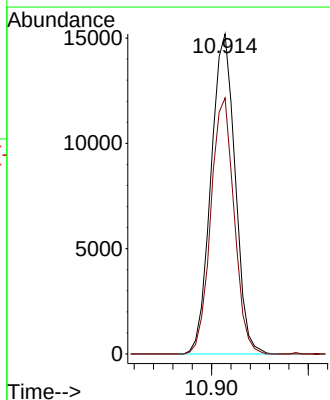
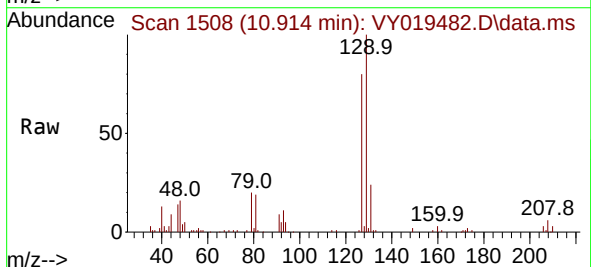
Manual Integrations
APPROVED

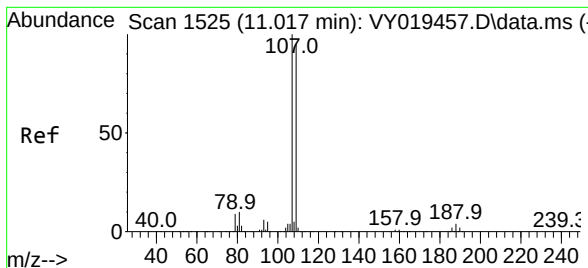
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#60
Dibromochloromethane
Concen: 4.977 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion:129 Resp: 26322
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0





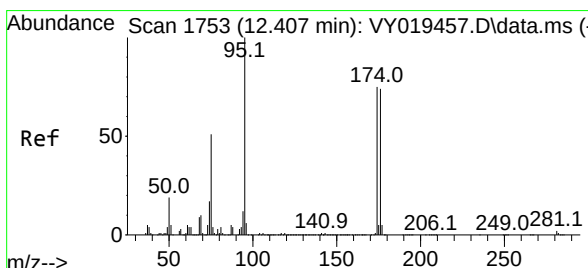
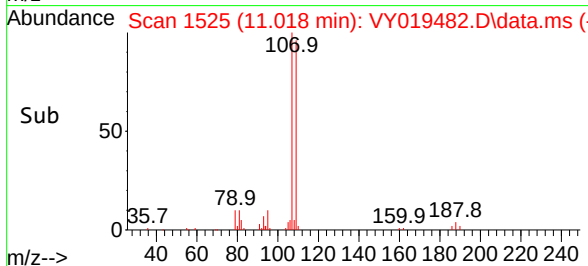
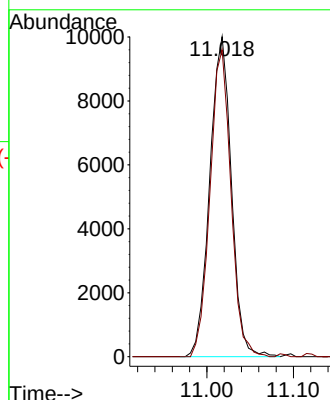
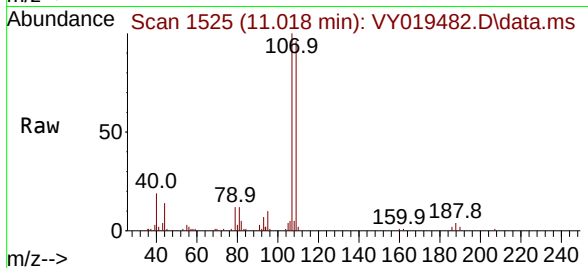
#61
1,2-Dibromoethane
Concen: 4.662 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion:107 Resp: 1736
Ion Ratio Lower Upper
107 100
109 92.5 75.9 113.9

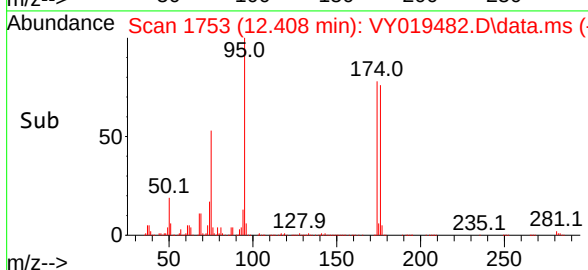
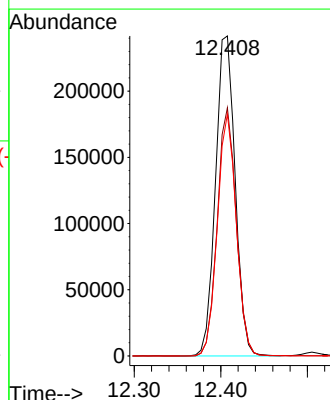
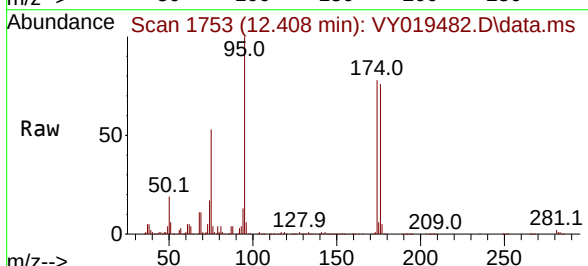
Manual Integrations
APPROVED

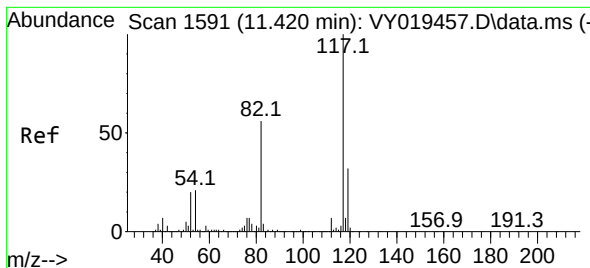
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#62
4-Bromofluorobenzene
Concen: 51.847 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion: 95 Resp: 380995
Ion Ratio Lower Upper
95 100
174 74.8 0.0 175.6
176 72.8 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: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

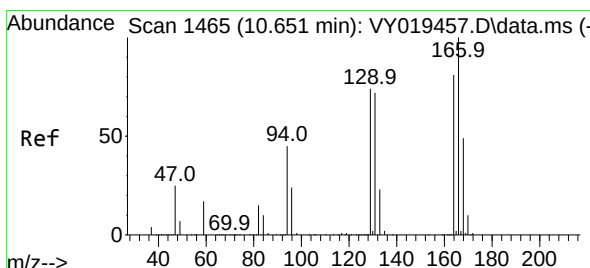
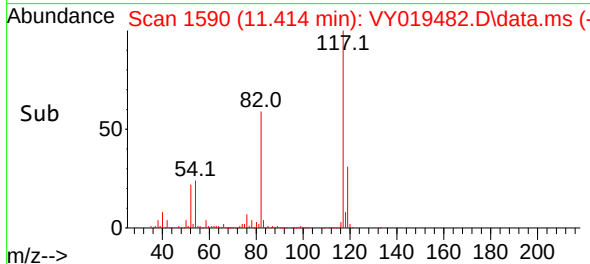
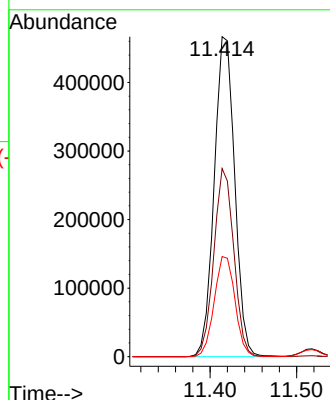
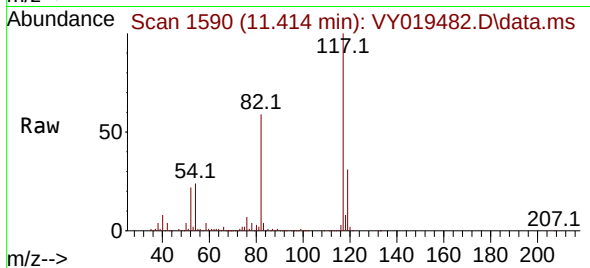
LOQ-SOIL-02-QT3-2024

Tgt Ion:117	Resp: 76843
Ion Ratio	Lower Upper
117 100	
82 58.8	42.4 63.6
119 31.3	25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#64

Tetrachloroethene

Concen: 4.449 ug/l

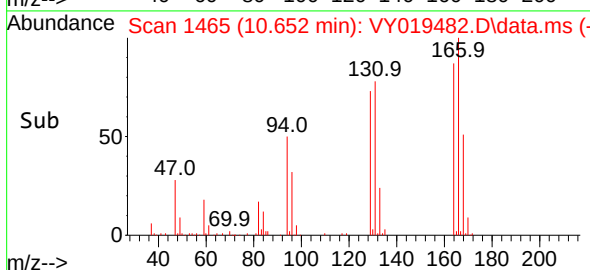
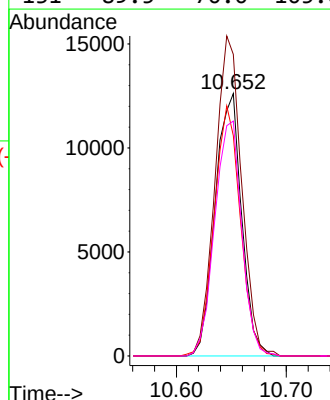
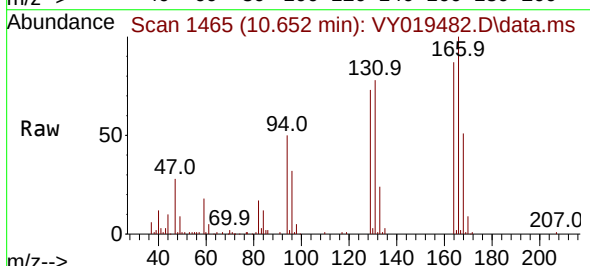
RT: 10.652 min Scan# 1465

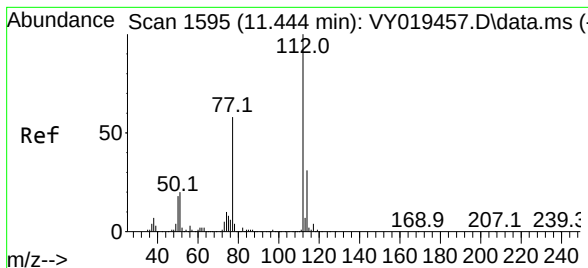
Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

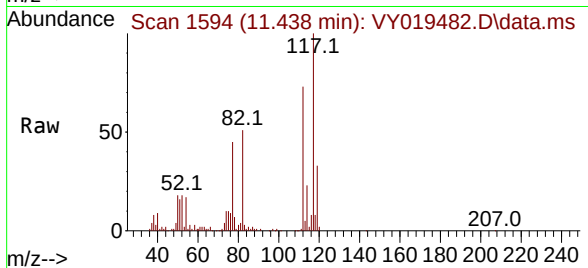
Tgt Ion:164	Resp: 21170
Ion Ratio	Lower Upper
164 100	
166 114.9	102.6 154.0
129 84.0	72.0 108.0
131 89.5	70.0 105.0





#65
Chlorobenzene
Concen: 4.776 ug/l
RT: 11.438 min Scan# 1119
Delta R.T. -0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

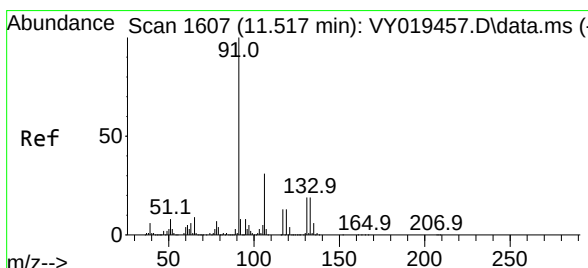
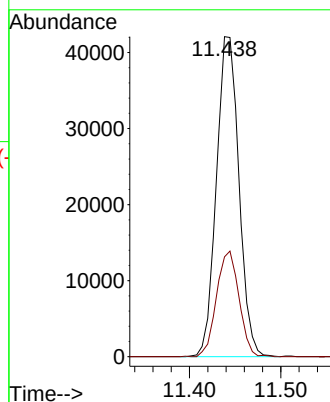
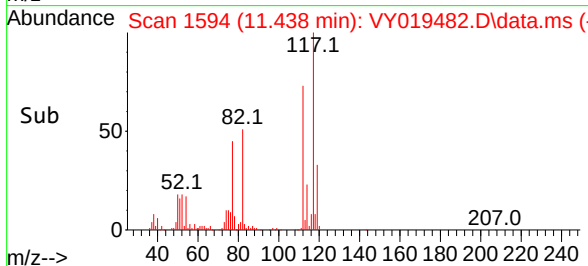
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



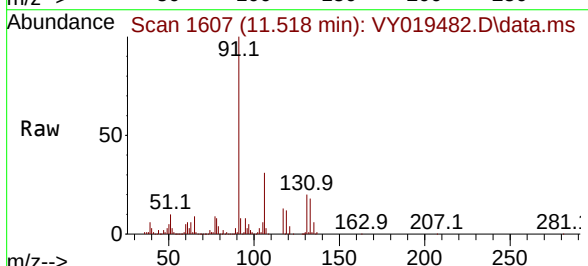
Tgt Ion:112 Resp: 72190
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6

Manual Integrations
APPROVED

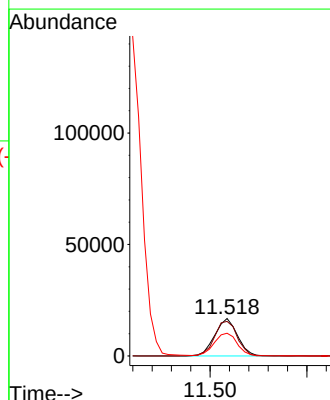
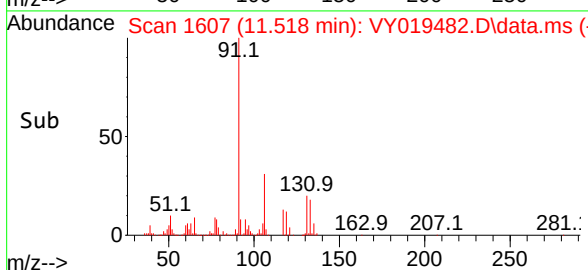
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

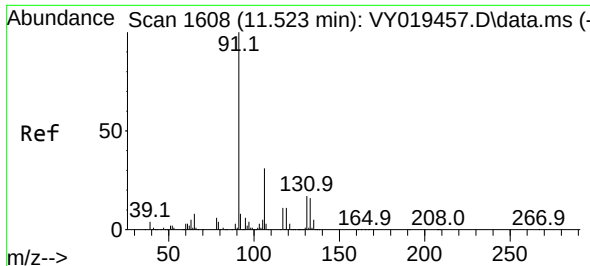


#66
1,1,1,2-Tetrachloroethane
Concen: 5.213 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55



Tgt Ion:131 Resp: 27282
Ion Ratio Lower Upper
131 100
133 94.0 47.8 143.3
119 62.3 34.1 102.2





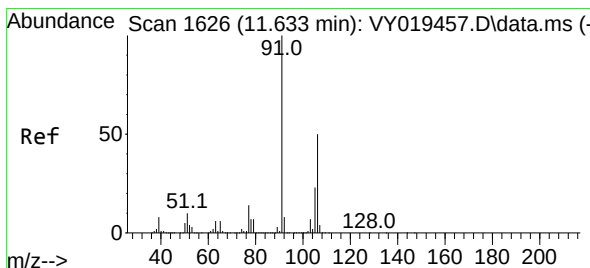
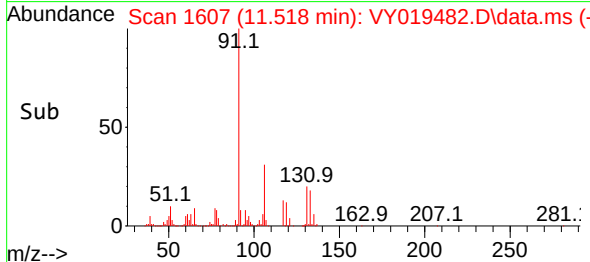
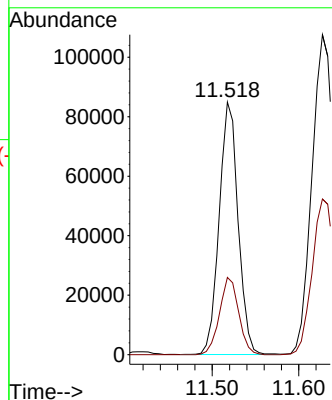
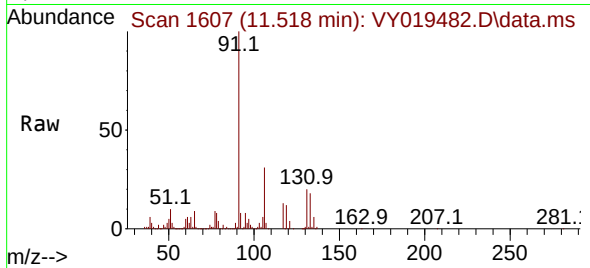
#67
Ethyl Benzene
Concen: 4.801 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion: 91 Resp: 12894
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7

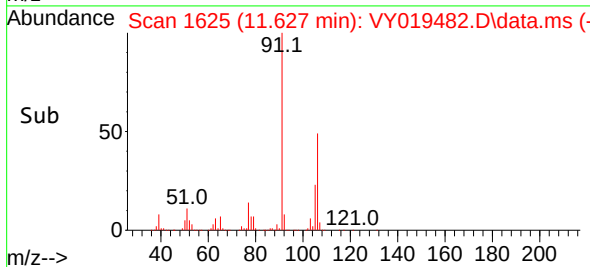
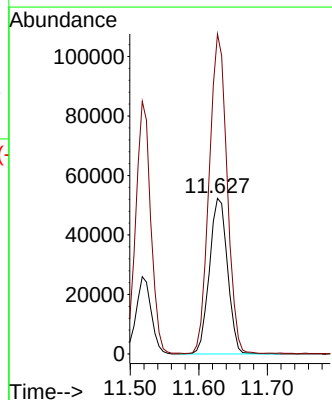
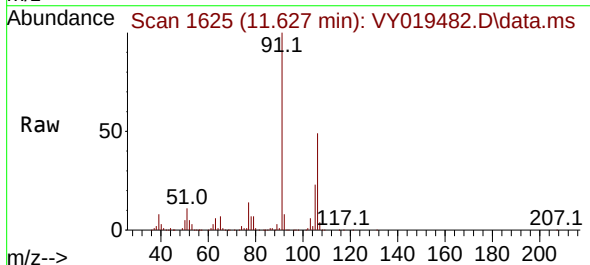
Manual Integrations
APPROVED

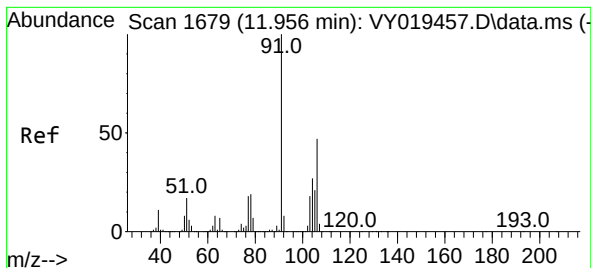
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#68
m/p-Xylenes
Concen: 9.472 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion:106 Resp: 96191
Ion Ratio Lower Upper
106 100
91 202.4 156.0 234.0





#69

o-Xylene

Concen: 4.886 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:106 Resp: 48530

Ion Ratio Lower Upper

106 100

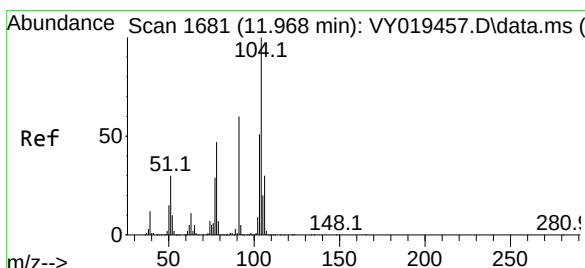
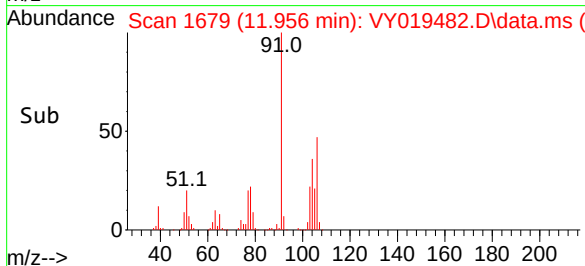
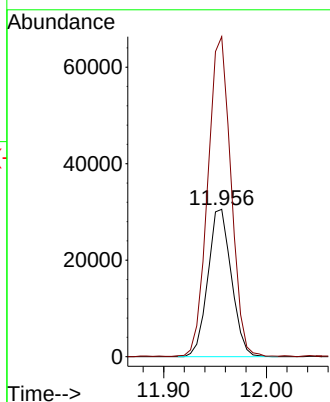
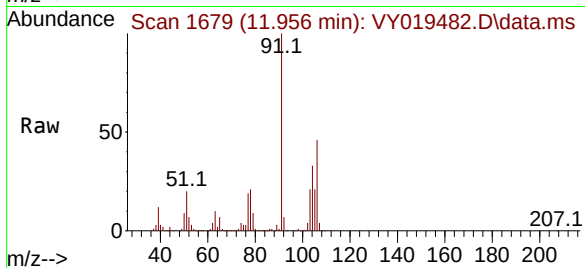
91 213.8 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#70

Styrene

Concen: 4.838 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

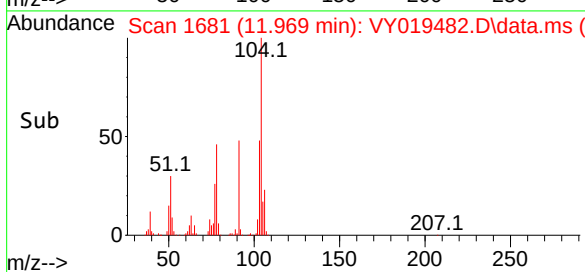
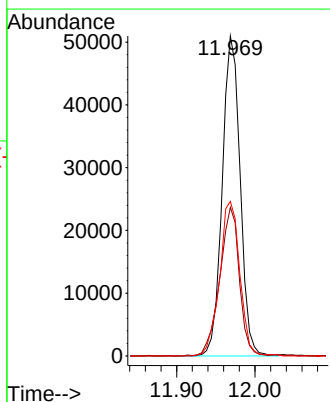
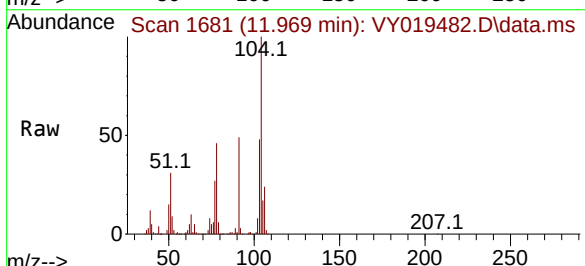
Tgt Ion:104 Resp: 81130

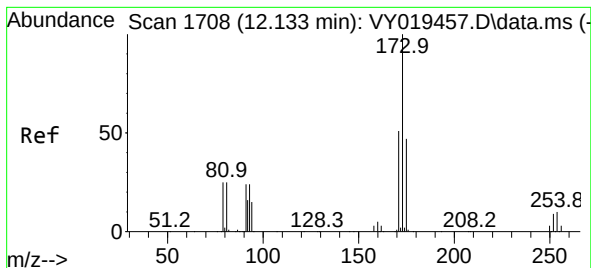
Ion Ratio Lower Upper

104 100

78 50.7 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 4.544 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

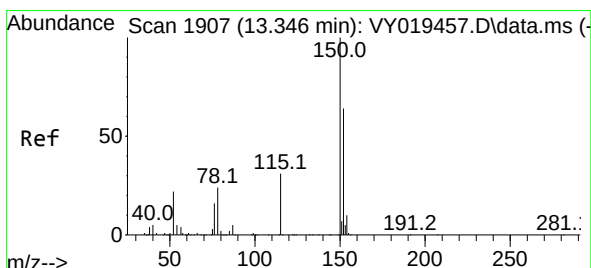
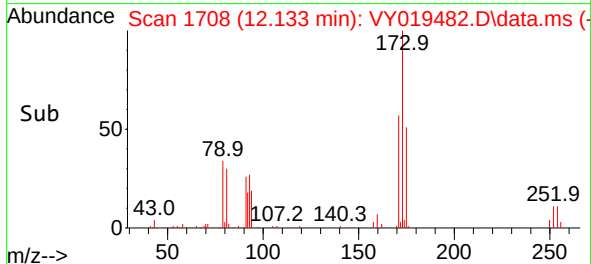
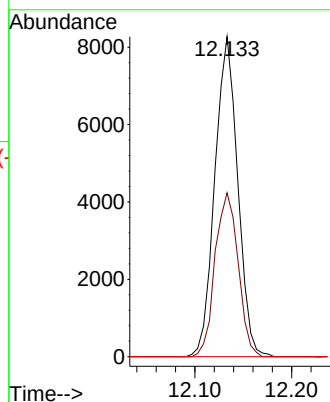
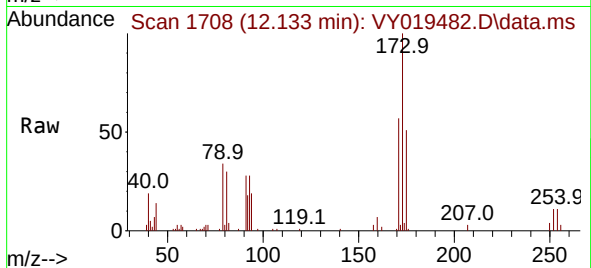
LOQ-SOIL-02-QT3-2024

Tgt Ion:	173	Resp:	13584
Ion Ratio	Lower	Upper	
173	100		
175	51.6	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

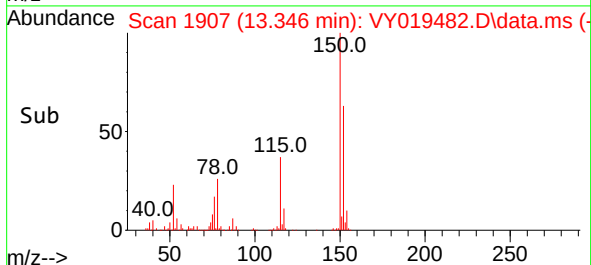
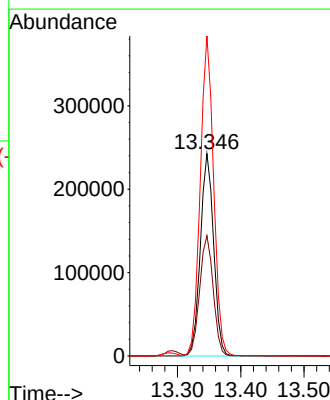
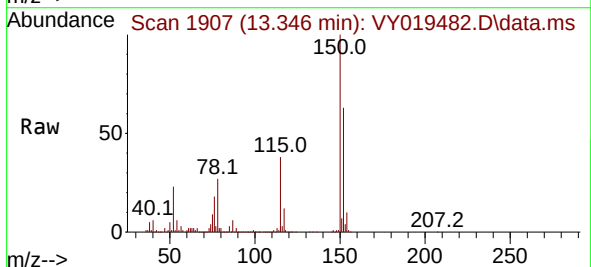
RT: 13.346 min Scan# 1907

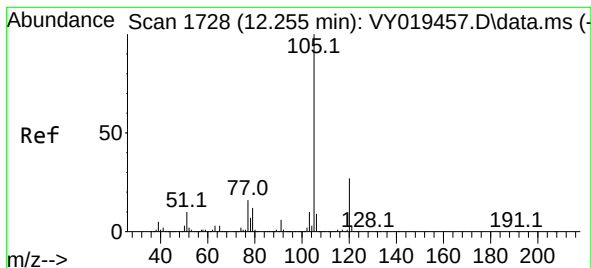
Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Tgt Ion:	152	Resp:	354870
Ion Ratio	Lower	Upper	
152	100		
115	60.6	28.2	84.7
150	158.8	0.0	345.6





#73

Isopropylbenzene

Concen: 4.975 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:105 Resp: 128079

Ion Ratio Lower Upper

105 100

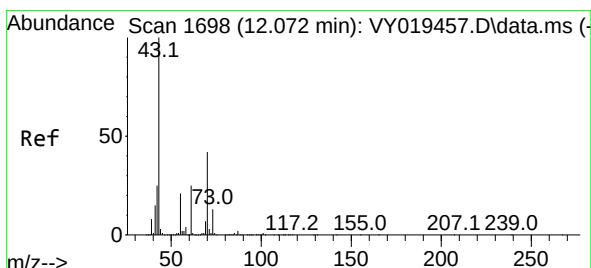
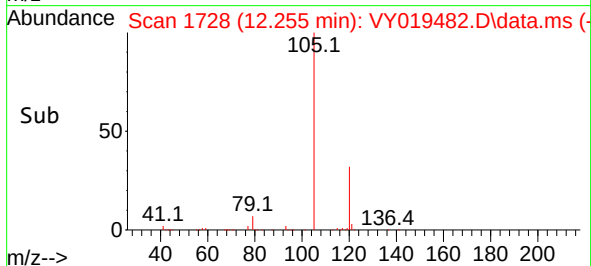
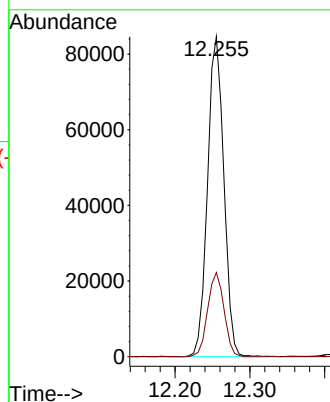
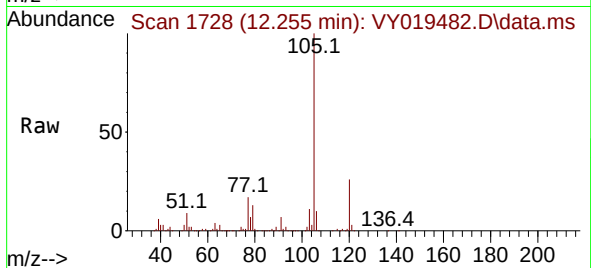
120 26.3 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#74

N-ethyl acetate

Concen: 4.713 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Tgt Ion: 43 Resp: 32998

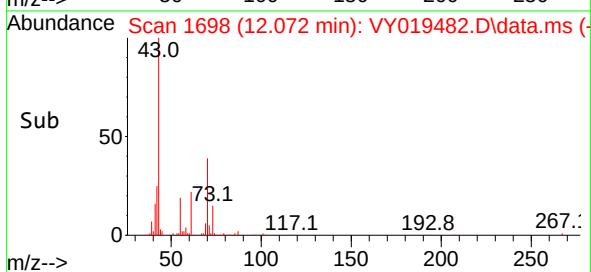
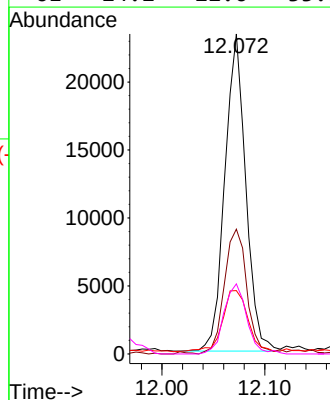
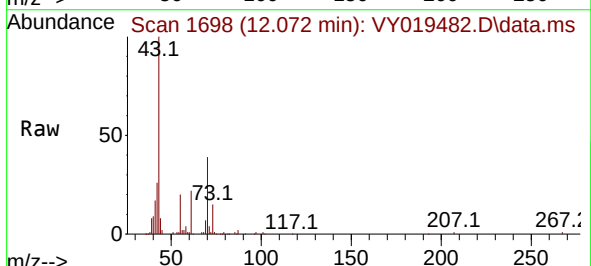
Ion Ratio Lower Upper

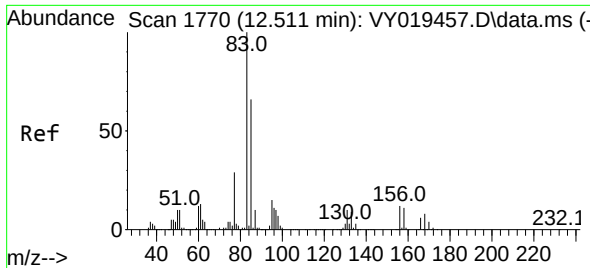
43 100

70 42.9 41.4 62.2

55 23.2 23.3 34.9#

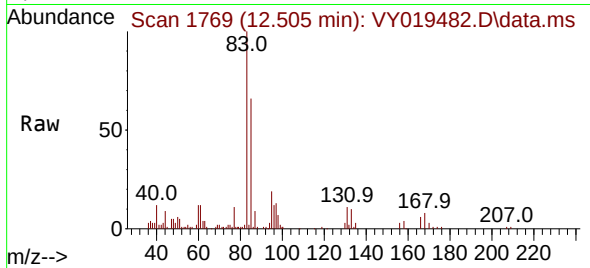
61 24.2 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 5.180 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

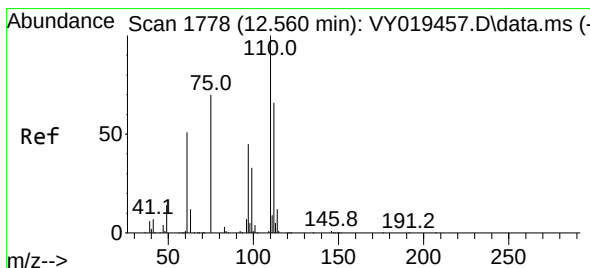
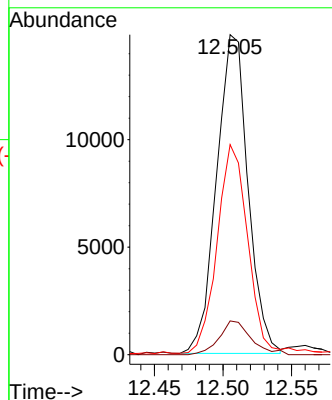
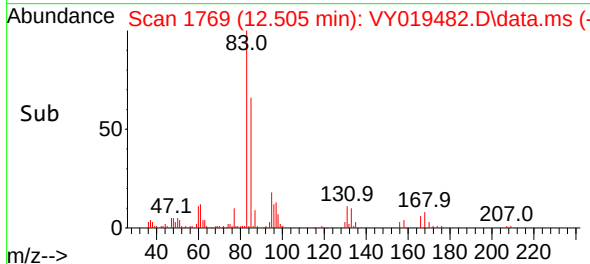
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 83 Resp: 23670
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 64.1 32.0 96.0

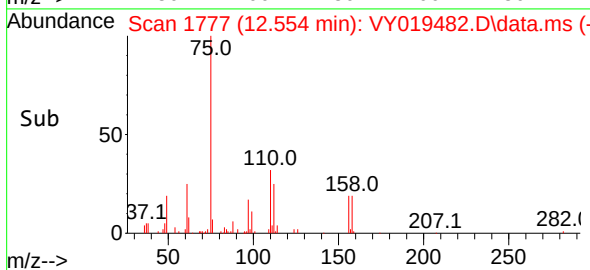
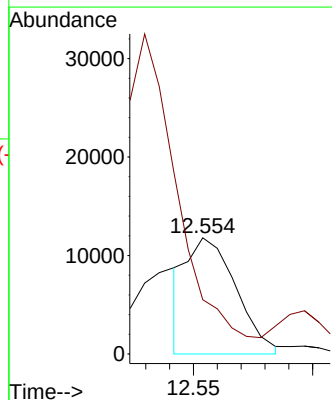
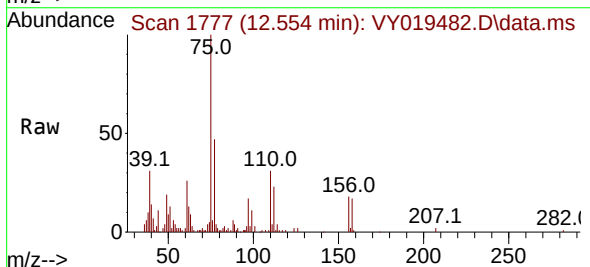
Manual Integrations
APPROVED

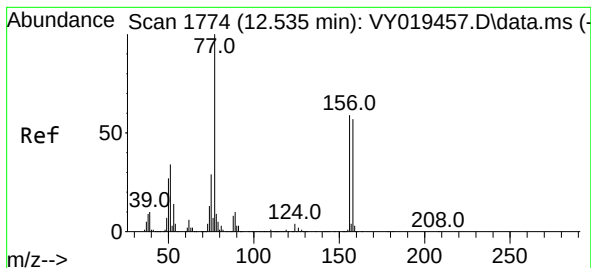
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#76
1,2,3-Trichloropropane
Concen: 5.117 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion: 75 Resp: 17019
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.818 ug/l

RT: 12.530 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

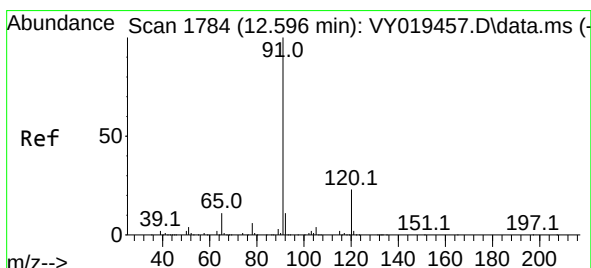
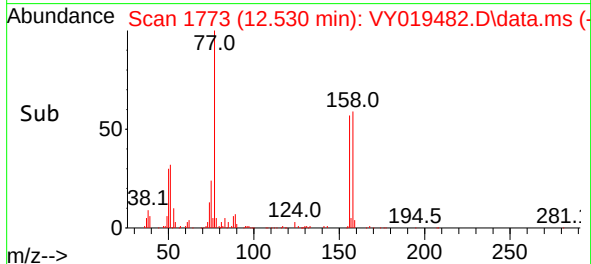
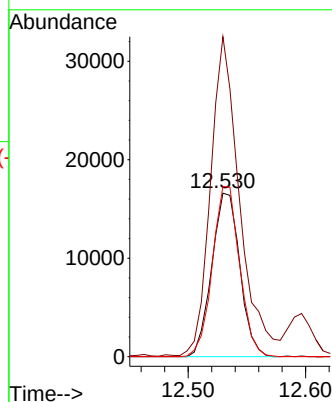
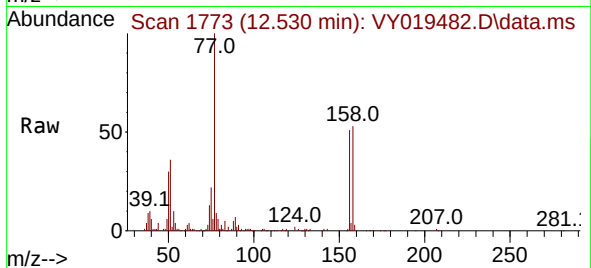
LOQ-SOIL-02-QT3-2024

Tgt Ion:	156	Resp:	27510
Ion Ratio	Lower	Upper	
156	100		
77	203.3	87.1	261.3
158	101.0	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#78

n-propylbenzene

Concen: 5.078 ug/l

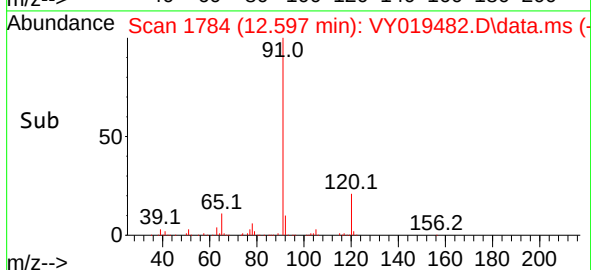
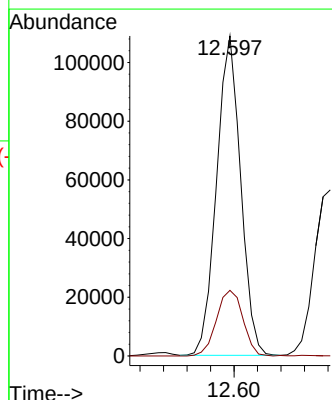
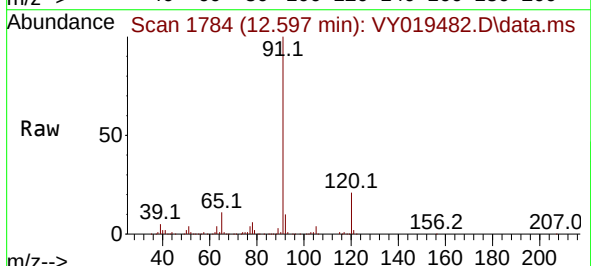
RT: 12.597 min Scan# 1784

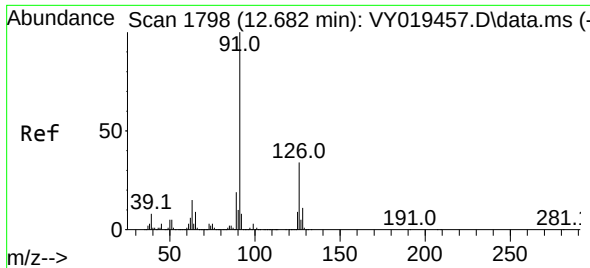
Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Tgt Ion:	91	Resp:	154964
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4





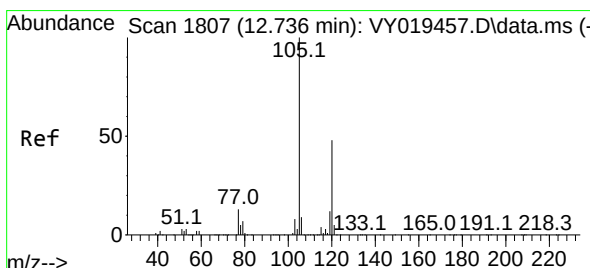
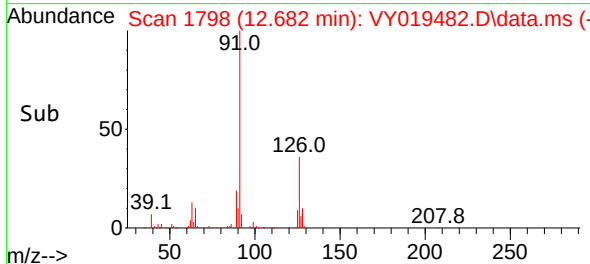
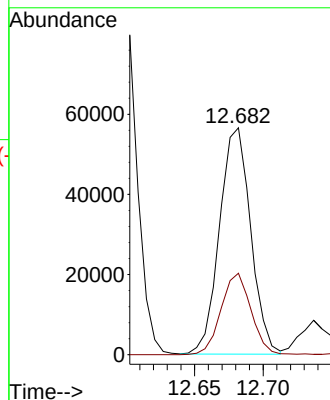
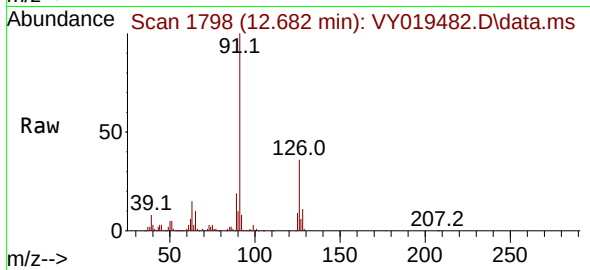
#79
2-Chlorotoluene
Concen: 5.028 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024

Tgt Ion: 91 Resp: 89420
Ion Ratio Lower Upper
91 100
126 34.7 17.8 53.5

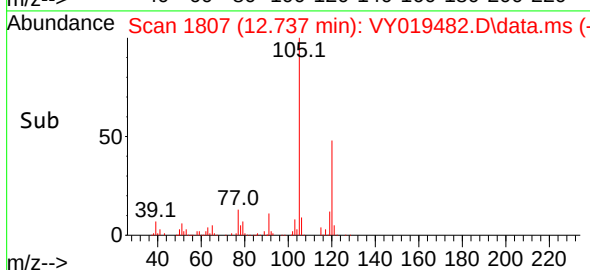
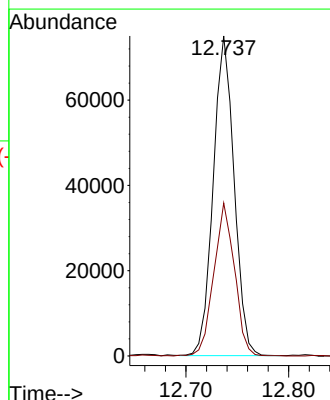
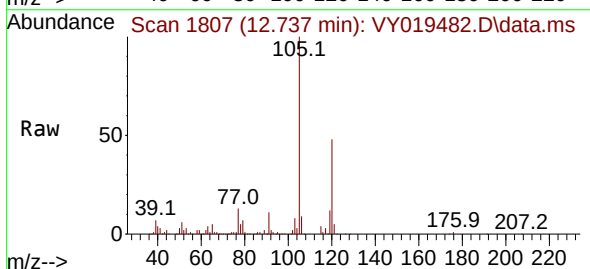
Manual Integrations
APPROVED

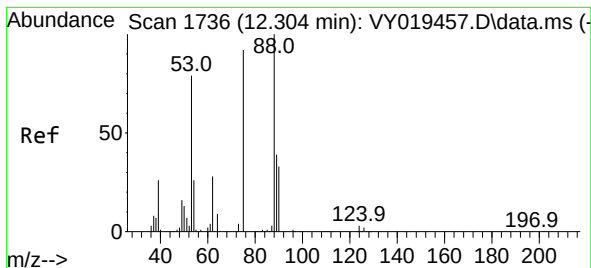
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.057 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion:105 Resp: 105830
Ion Ratio Lower Upper
105 100
120 47.5 25.1 75.2





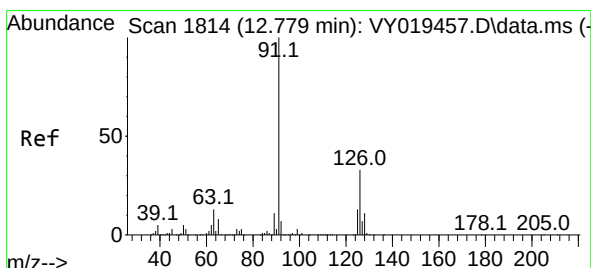
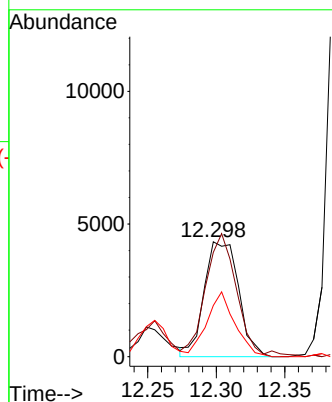
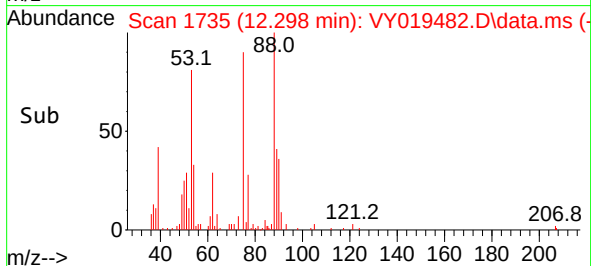
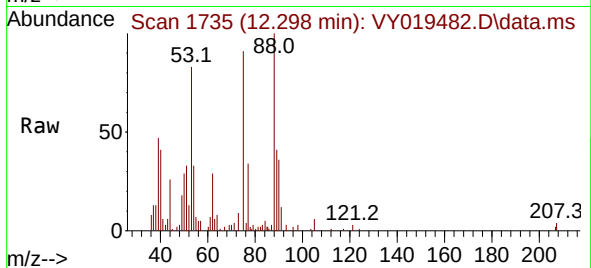
#81
trans-1,4-Dichloro-2-butene
Concen: 4.351 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024

Tgt Ion: 75 Resp: 7539
Ion Ratio Lower Upper
75 100
53 98.1 66.8 100.2
89 45.8 35.8 53.6

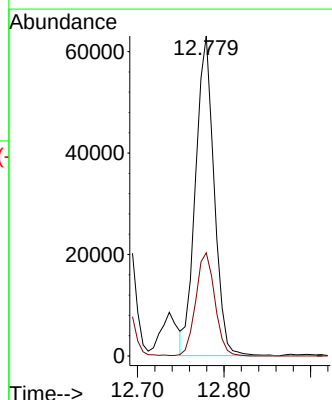
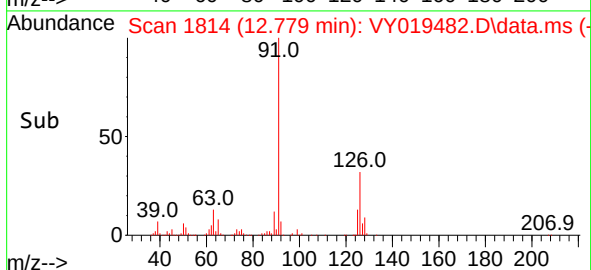
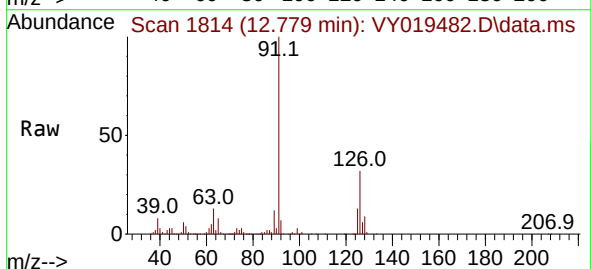
Manual Integrations
APPROVED

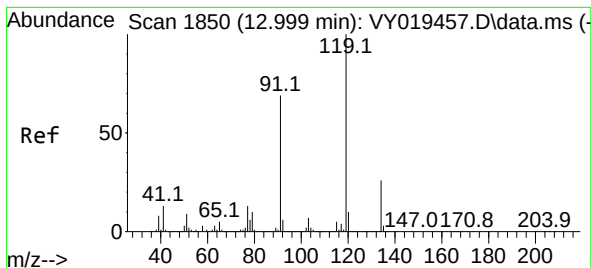
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#82
4-Chlorotoluene
Concen: 5.121 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion: 91 Resp: 93622
Ion Ratio Lower Upper
91 100
126 33.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 5.219 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

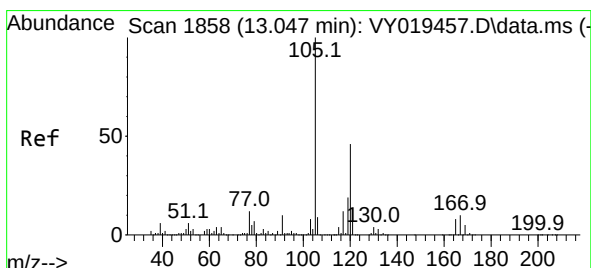
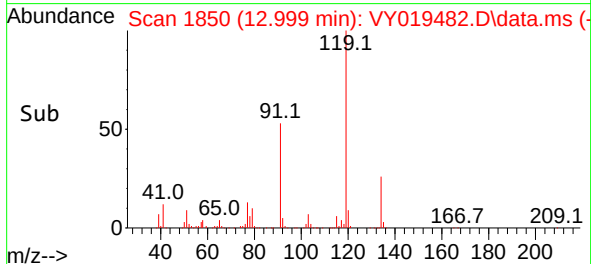
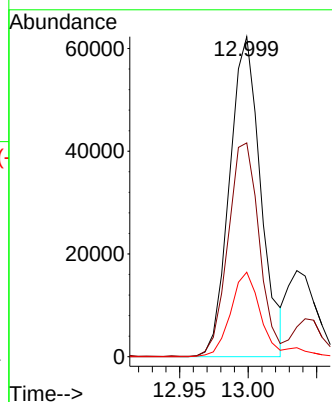
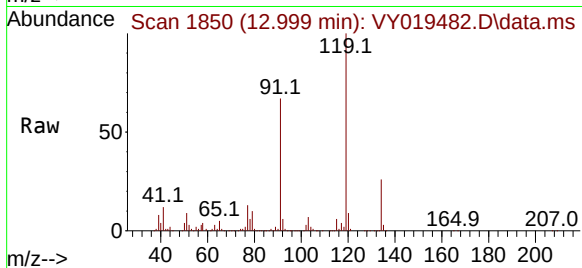
LOQ-SOIL-02-QT3-2024

Tgt Ion:	119	Resp:	98884
Ion Ratio	Lower	Upper	
119	100		
91	66.4	31.3	93.8
134	26.8	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#84

1,2,4-Trimethylbenzene

Concen: 5.079 ug/l

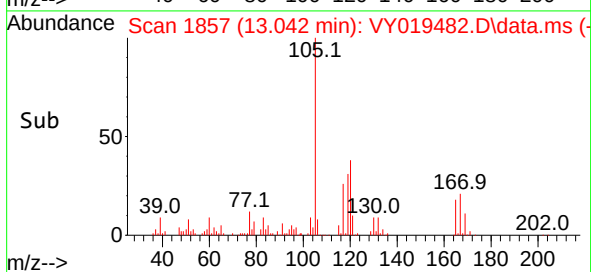
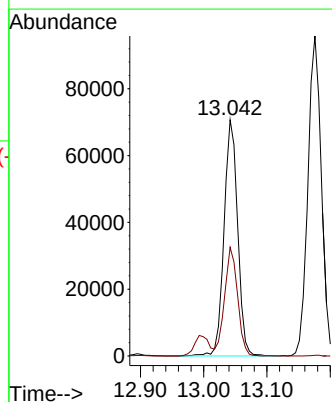
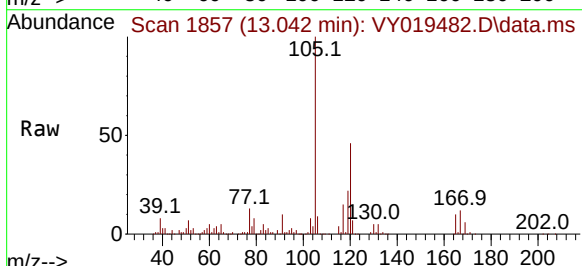
RT: 13.042 min Scan# 1857

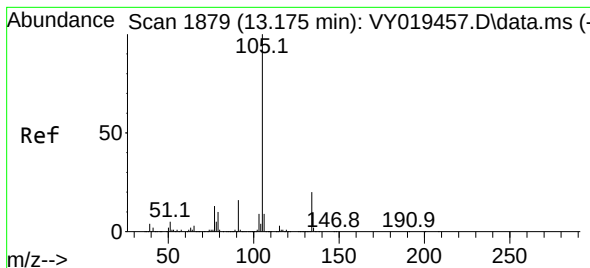
Delta R.T. -0.006 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Tgt Ion:	105	Resp:	105213
Ion Ratio	Lower	Upper	
105	100		
120	43.8	23.2	69.6





#85

sec-Butylbenzene

Concen: 5.120 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:105 Resp: 140939

Ion Ratio Lower Upper

105 100

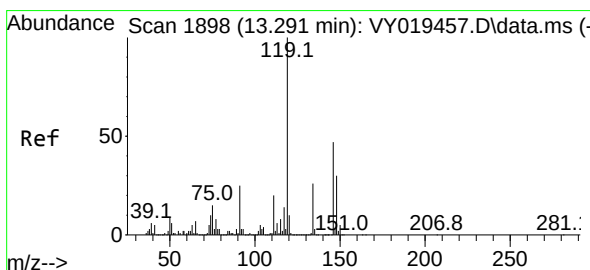
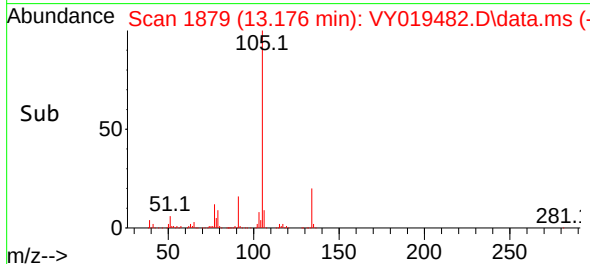
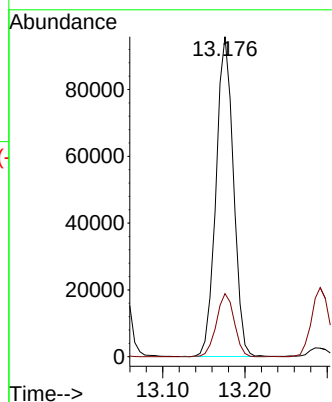
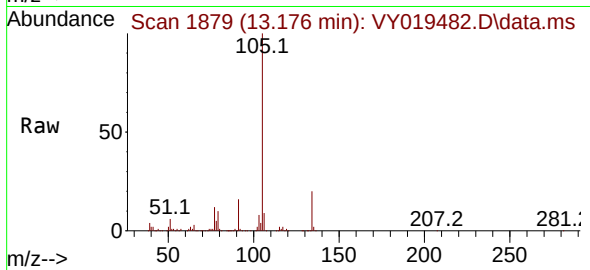
134 20.2 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#86

p-Isopropyltoluene

Concen: 5.031 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

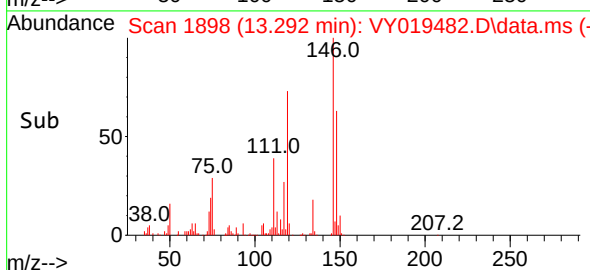
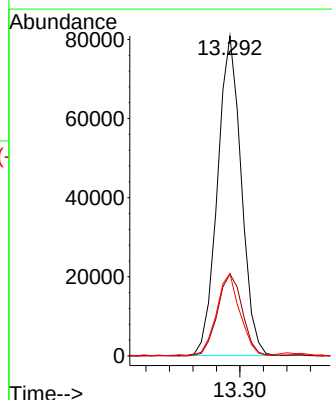
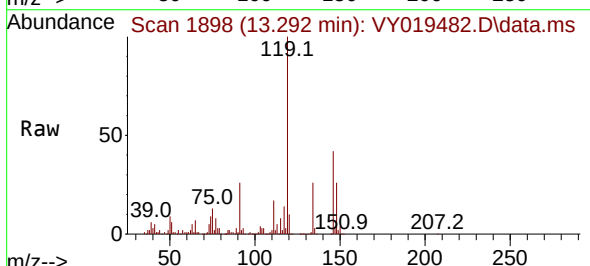
Tgt Ion:119 Resp: 113298

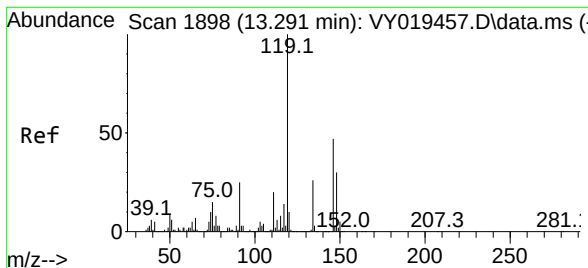
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 25.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 5.081 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

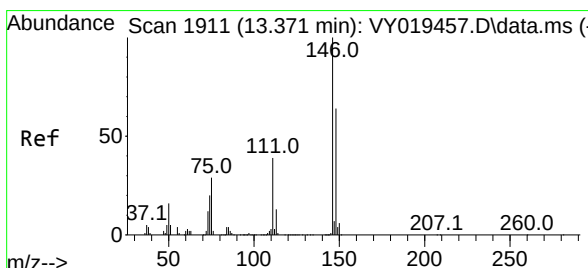
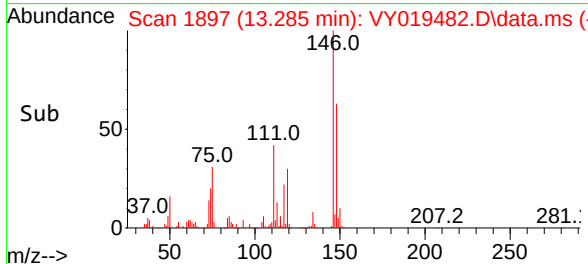
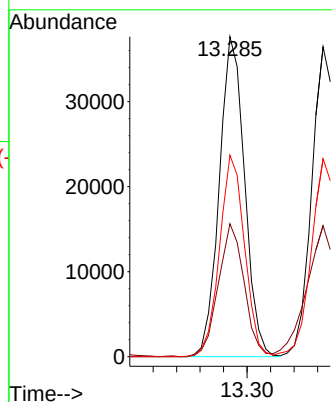
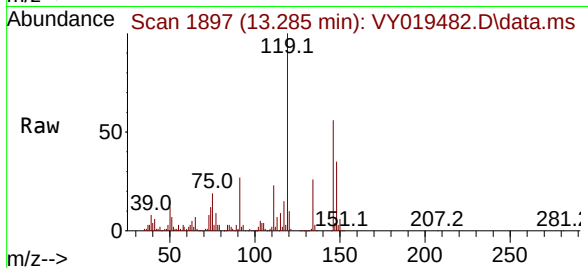
LOQ-SOIL-02-QT3-2024

Tgt Ion:146	Resp:	5636
Ion Ratio	Lower	Upper
146	100	
111	42.3	19.0 57.0
148	62.1	31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#88

1,4-Dichlorobenzene

Concen: 5.077 ug/l

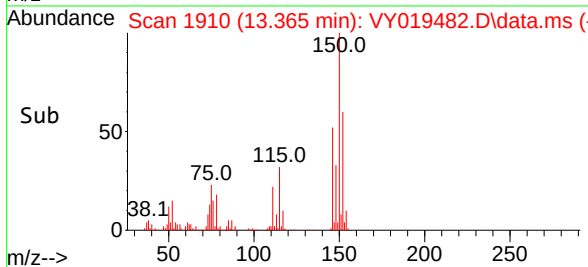
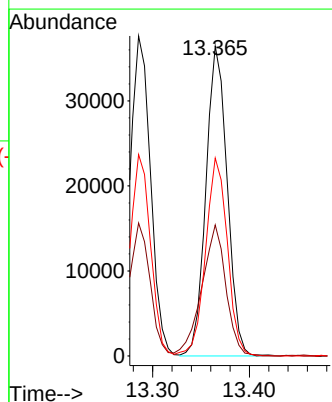
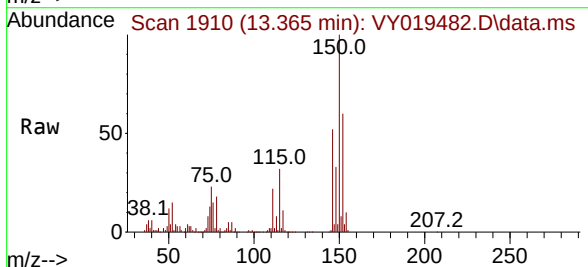
RT: 13.365 min Scan# 1910

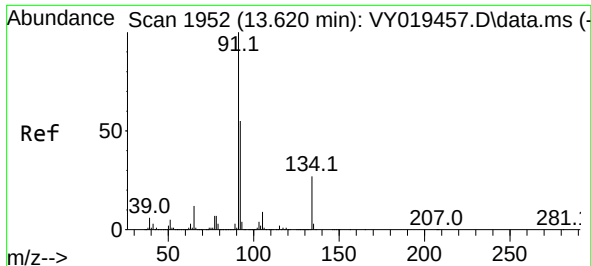
Delta R.T. -0.006 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

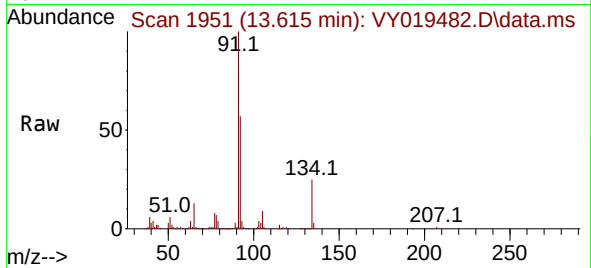
Tgt Ion:146	Resp:	55905
Ion Ratio	Lower	Upper
146	100	
111	47.9	18.4 55.4
148	65.4	32.4 97.2





#89
n-Butylbenzene
Concen: 4.975 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

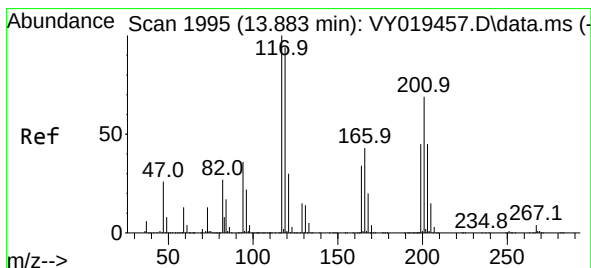
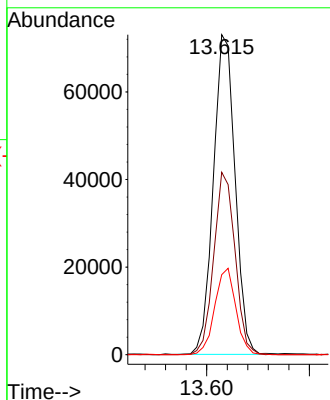
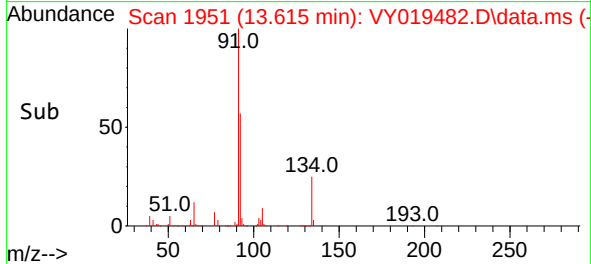
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 91 Resp: 107110
Ion Ratio Lower Upper
91 100
92 55.9 26.6 79.7
134 26.3 12.9 38.7

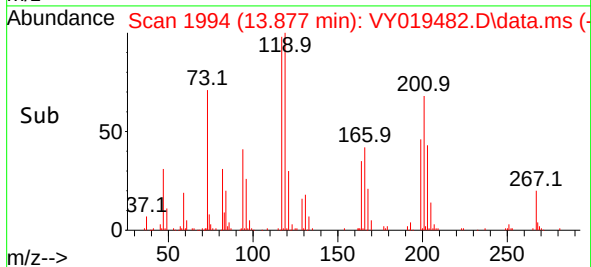
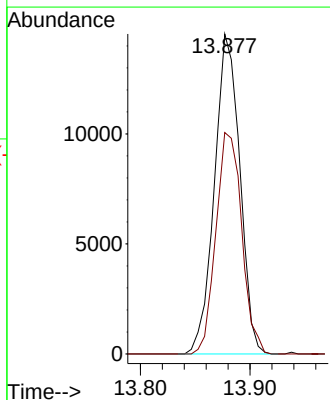
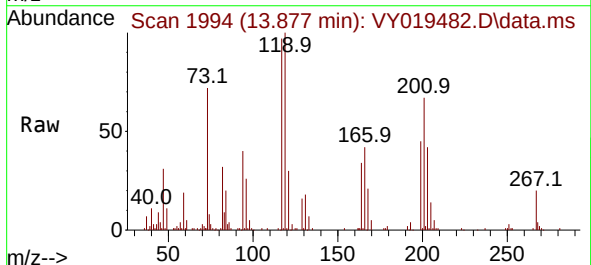
Manual Integrations
APPROVED

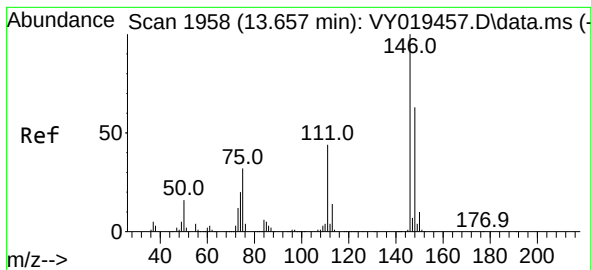
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#90
Hexachloroethane
Concen: 4.997 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion:117 Resp: 23417
Ion Ratio Lower Upper
117 100
201 70.3 37.4 112.2





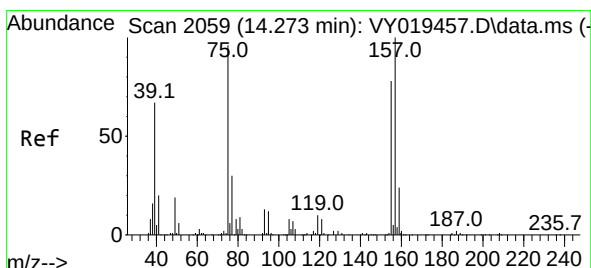
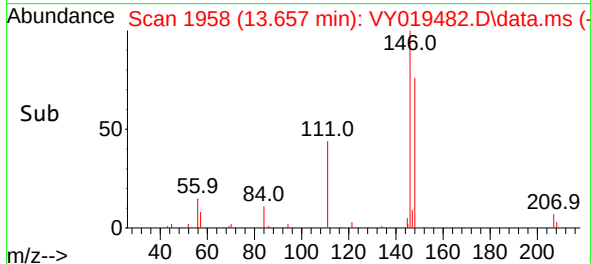
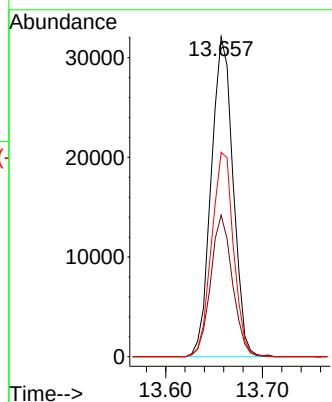
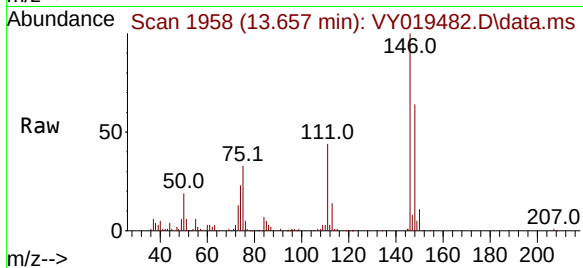
#91
1,2-Dichlorobenzene
Concen: 5.091 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.1	19.9	59.7
148	64.1	31.8	95.4

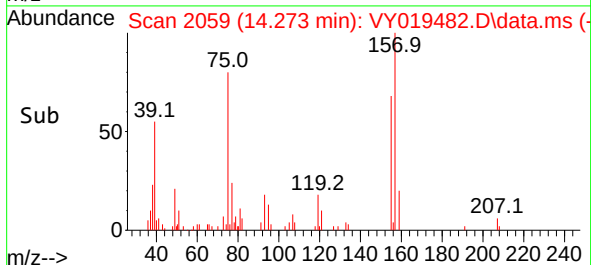
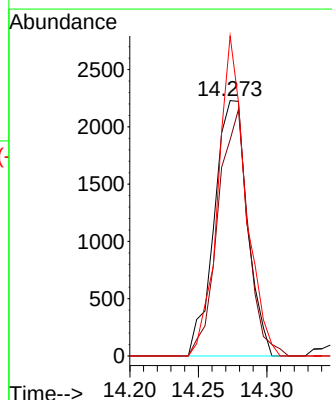
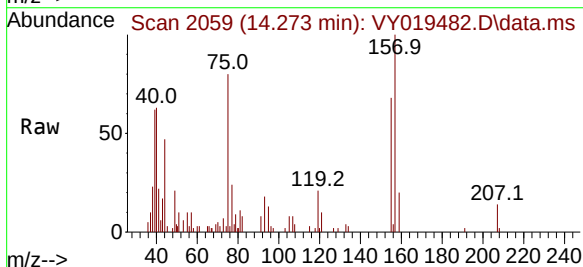
Manual Integrations
APPROVED

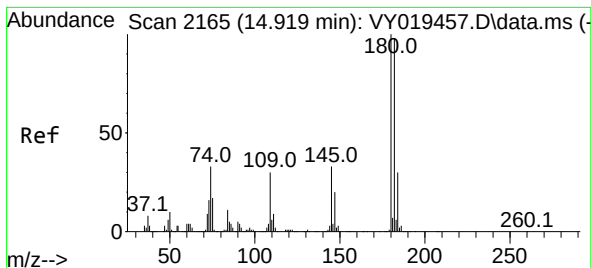
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.914 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019482.D
Acq: 10 Sep 2024 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	48.6	145.8
157	104.4	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 4.817 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

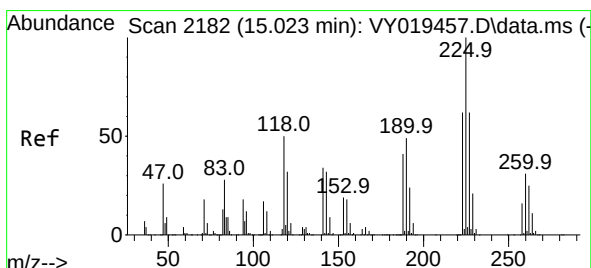
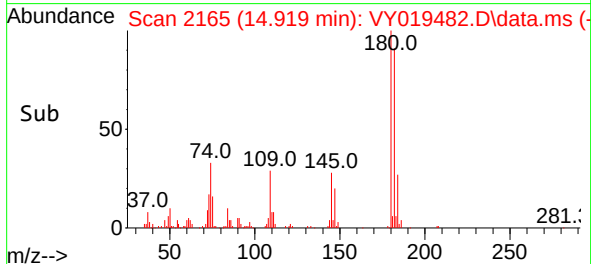
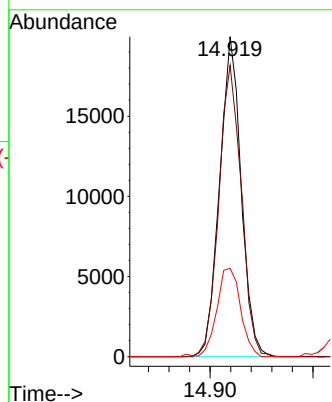
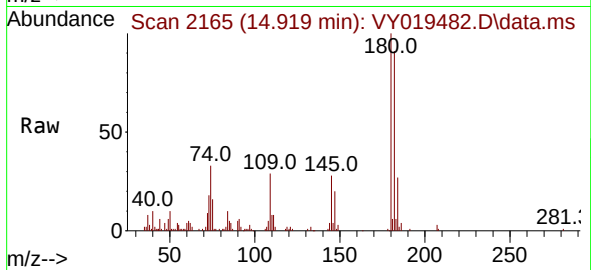
LOQ-SOIL-02-QT3-2024

Tgt Ion:180	Resp:	2900
Ion Ratio	Lower	Upper
180	100	
182	94.9	47.9 143.8
145	30.6	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#94

Hexachlorobutadiene

Concen: 5.018 ug/l

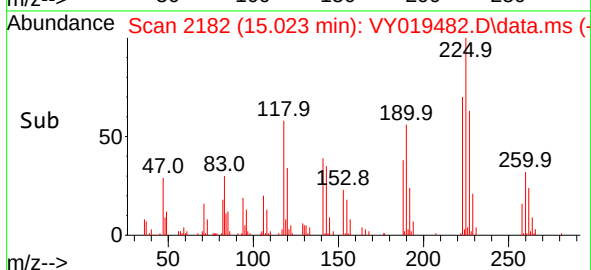
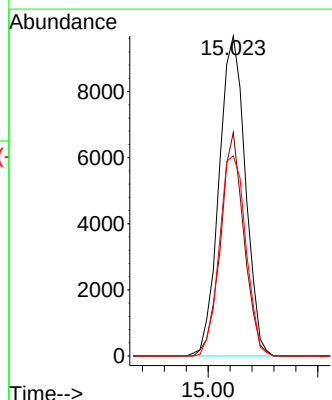
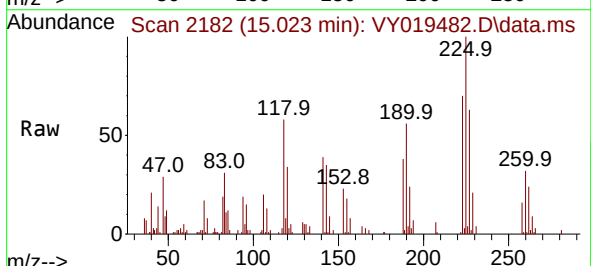
RT: 15.023 min Scan# 2182

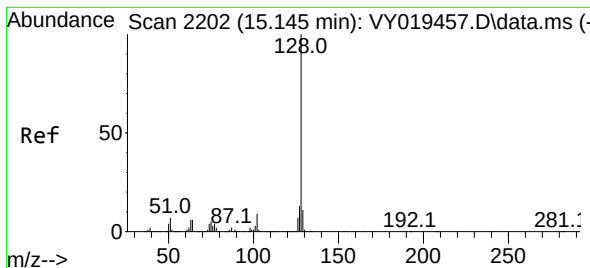
Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Tgt Ion:225	Resp:	16142
Ion Ratio	Lower	Upper
225	100	
223	62.0	30.4 91.2
227	63.1	31.9 95.9





#95

Naphthalene

Concen: 4.511 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

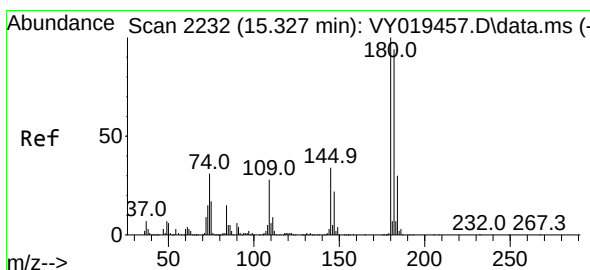
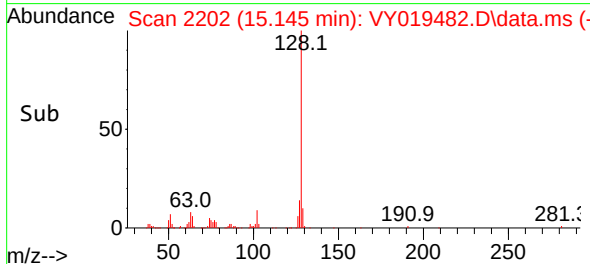
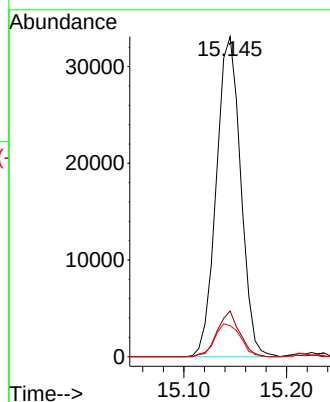
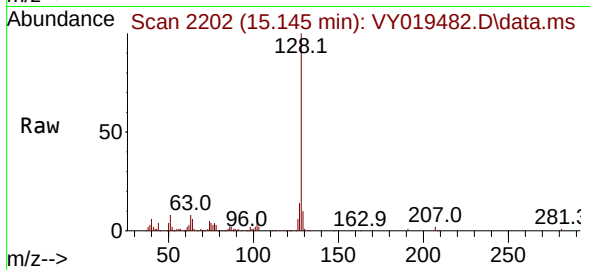
LOQ-SOIL-02-QT3-2024

Tgt Ion:	128	Resp:	5439
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	11.0	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.773 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019482.D

Acq: 10 Sep 2024 11:55

Tgt Ion:	180	Resp:	24586
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.6	142.9
145	35.3	15.4	46.1

