

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018242.D
 Acq On : 13 May 2024 15:25
 Operator : SY/MD
 Sample : P2403-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Quant Time: May 14 03:09:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 03:01:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	200626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	344638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	85414	57.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.740%			
35) Dibromofluoromethane	7.710	113	98760	54.526	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.060%			
50) Toluene-d8	10.179	98	395770	55.450	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.900%			
62) 4-Bromofluorobenzene	12.483	95	120179	52.139	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	8012	5.036	ug/l	96
3) Chloromethane	2.107	50	12553	5.894	ug/l	98
4) Vinyl Chloride	2.247	62	14644	5.672	ug/l	98
5) Bromomethane	2.643	94	10696	5.965	ug/l	98
6) Chloroethane	2.790	64	10042	6.129	ug/l	96
7) Trichlorofluoromethane	3.119	101	15875	5.249	ug/l	97
8) Diethyl Ether	3.527	74	5161	5.184	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	9848	5.110	ug/l	94
10) Methyl Iodide	4.082	142	10310	4.581	ug/l	99
11) Tert butyl alcohol	4.930	59	6506	44.100	ug/l	99
12) 1,1-Dichloroethene	3.863	96	9706	5.003	ug/l	93
13) Acrolein	3.723	56	5013	31.509	ug/l	92
14) Allyl chloride	4.466	41	12801	5.186	ug/l	97
15) Acrylonitrile	5.155	53	10012	26.151	ug/l	99
16) Acetone	3.936	43	8930	30.319	ug/l #	85
17) Carbon Disulfide	4.192	76	29624	5.608	ug/l	98
18) Methyl Acetate	4.460	43	6097	7.267	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	21794	5.043	ug/l	99
20) Methylene Chloride	4.710	84	34808	16.720	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	11144	5.418	ug/l #	81
22) Diisopropyl ether	6.106	45	26314	5.026	ug/l #	92
23) Vinyl Acetate	6.051	43	74691	23.470	ug/l	98
24) 1,1-Dichloroethane	6.009	63	15907	4.933	ug/l #	96
25) 2-Butanone	6.990	43	11485	24.394	ug/l	89
26) 2,2-Dichloropropane	6.972	77	15121	5.181	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	12294	5.058	ug/l	98
28) Bromochloromethane	7.325	49	6309	4.895	ug/l	99
29) Tetrahydrofuran	7.338	42	7509	24.162	ug/l	100
30) Chloroform	7.508	83	16971	5.041	ug/l	90
31) Cyclohexane	7.777	56	18749	6.124	ug/l #	84
32) 1,1,1-Trichloroethane	7.697	97	14768	4.894	ug/l	97
36) 1,1-Dichloropropene	7.911	75	13082	5.038	ug/l	97
37) Ethyl Acetate	7.063	43	5430	4.969	ug/l #	97
38) Carbon Tetrachloride	7.899	117	13151	4.635	ug/l	88
39) Methylcyclohexane	9.179	83	17907	4.780	ug/l	88
40) Benzene	8.155	78	41845	5.010	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	3131	4.961	ug/l #	39
42) 1,2-Dichloroethane	8.228	62	9913	5.455	ug/l	95
43) Isopropyl Acetate	8.270	43	10858	4.847	ug/l #	85
44) Trichloroethene	8.941	130	10746	4.726	ug/l	92
45) 1,2-Dichloropropane	9.209	63	9265	5.074	ug/l	98
46) Dibromomethane	9.307	93	5249	5.000	ug/l	94
47) Bromodichloromethane	9.496	83	11476	4.422	ug/l	97
48) Methyl methacrylate	9.289	41	4333	4.221	ug/l #	89
49) 1,4-Dioxane	9.289	88	1520	109.088	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	27061	24.036	ug/l	95
52) Toluene	10.240	92	25597	4.761	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	10808	4.459	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	14048	4.741	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	6830	4.736	ug/l	95
56) Ethyl methacrylate	10.508	69	8483	4.331	ug/l	89
57) 1,3-Dichloropropane	10.788	76	11352	4.837	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	21632	23.132	ug/l	98
59) 2-Hexanone	10.831	43	18190	23.107	ug/l	89
60) Dibromochloromethane	10.983	129	7973	4.262	ug/l	98
61) 1,2-Dibromoethane	11.087	107	5949	4.380	ug/l	92
64) Tetrachloroethene	10.721	164	9828	5.054	ug/l	96
65) Chlorobenzene	11.514	112	28421	4.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	8687	4.515	ug/l	96
67) Ethyl Benzene	11.593	91	47624	4.742	ug/l	99
68) m/p-Xylenes	11.703	106	38171	9.611	ug/l	96
69) o-Xylene	12.026	106	17401	4.566	ug/l	94
70) Styrene	12.044	104	28750	4.517	ug/l	99
71) Bromoform	12.209	173	4631	4.350	ug/l #	95
73) Isopropylbenzene	12.331	105	45962	4.938	ug/l	99
74) N-amyl acetate	12.148	43	8371	4.332	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	7476	5.035	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	4117m	4.143	ug/l	
77) Bromobenzene	12.611	156	10095	4.721	ug/l	95
78) n-propylbenzene	12.672	91	52996	4.895	ug/l	98
79) 2-Chlorotoluene	12.757	91	29633	4.925	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	35740	4.869	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	2340	4.537	ug/l	85
82) 4-Chlorotoluene	12.855	91	29821	4.934	ug/l	92
83) tert-Butylbenzene	13.074	119	33283	4.916	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	34378	4.781	ug/l	99
85) sec-Butylbenzene	13.251	105	47533	4.786	ug/l	97
86) p-Isopropyltoluene	13.367	119	39526	4.838	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	19969	4.835	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	19949	4.955	ug/l	91
89) n-Butylbenzene	13.696	91	35398	4.788	ug/l	99
90) Hexachloroethane	13.965	117	7128	4.447	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	17101	4.818	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1086	5.371	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	8494	4.257	ug/l	95
94) Hexachlorobutadiene	15.111	225	4943	4.489	ug/l	96
95) Naphthalene	15.239	128	14825	4.054	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.422	180	6887	4.205	ug/l	96

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Supervised By :Semsettin Yesilyurt 05/14/2024

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

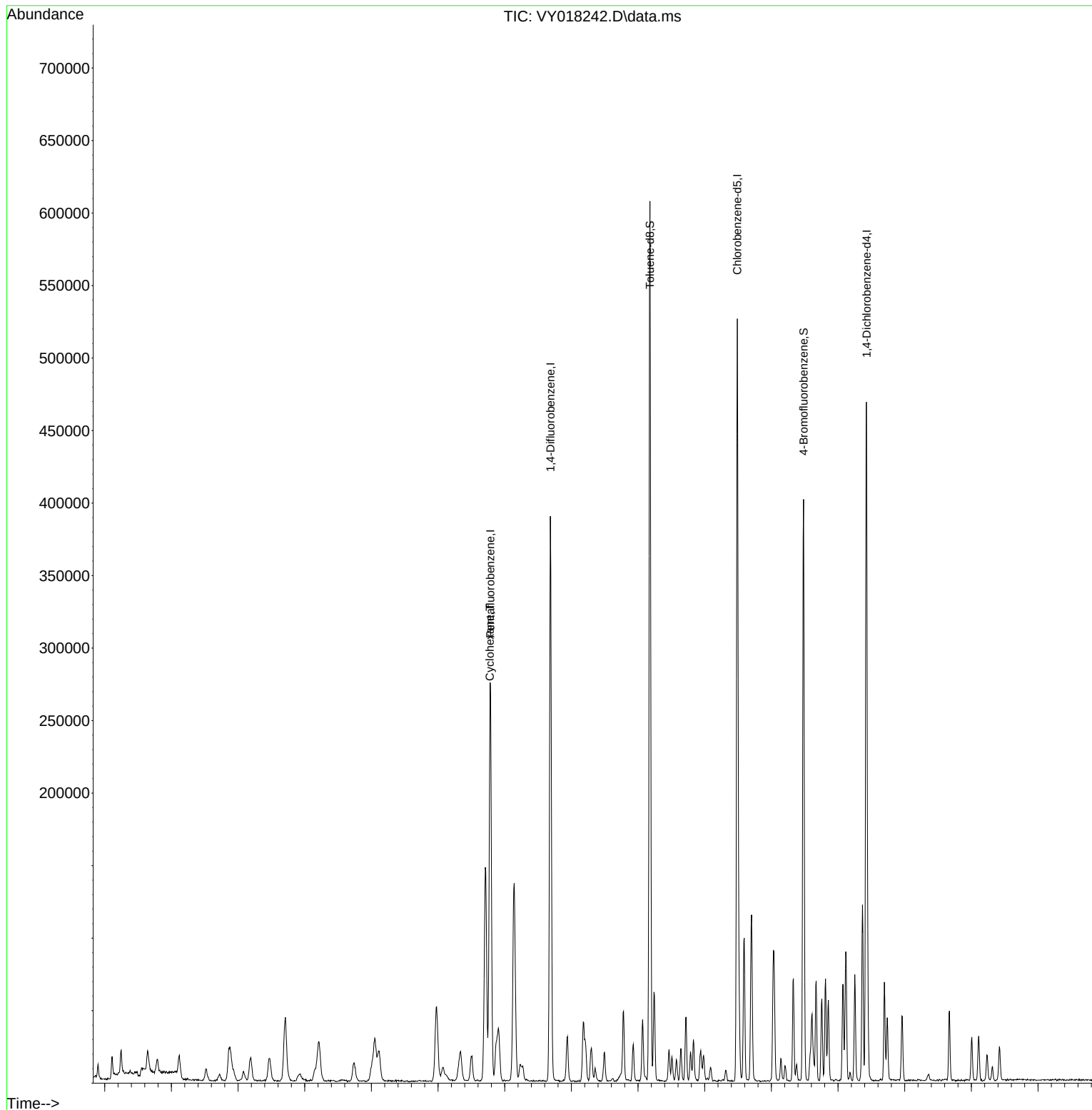
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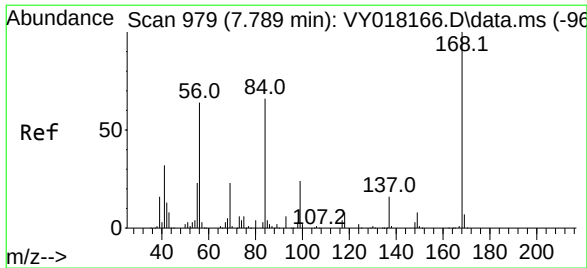
Instrument :
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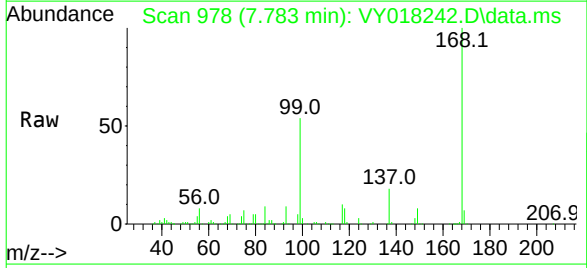
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018242.D
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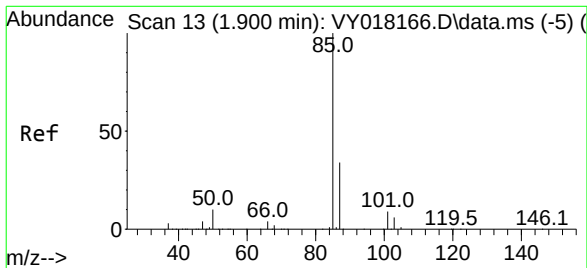
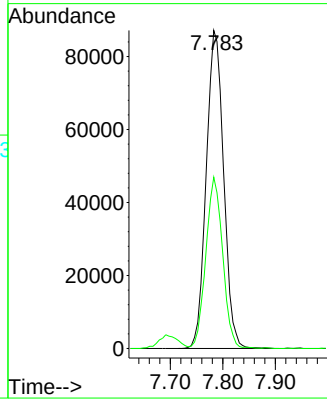
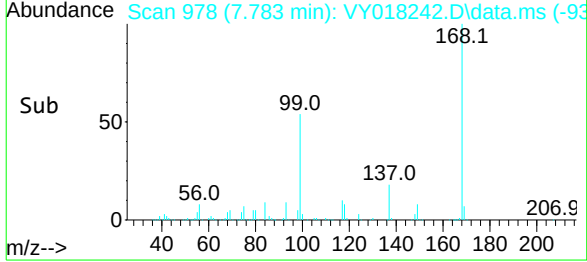
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:168 Resp: 200626
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7

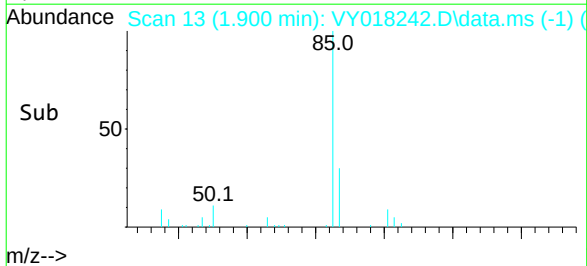
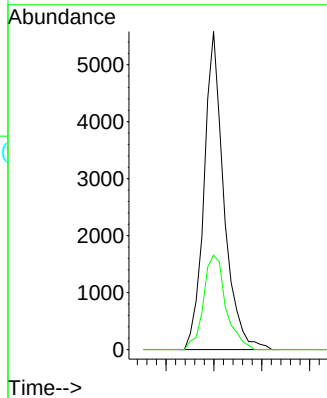
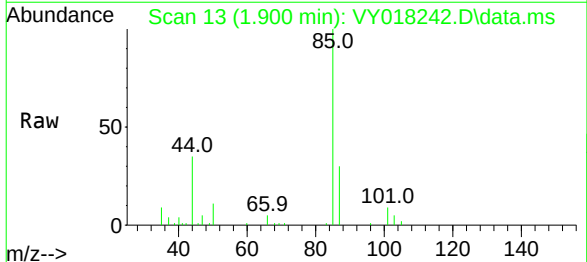
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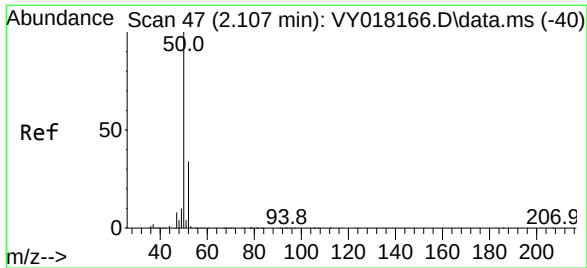
Reviewed By :Mahesh Dadoda 05/14/2024
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#2
Dichlorodifluoromethane
Concen: 5.036 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

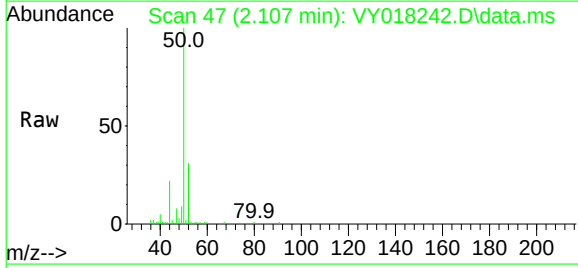
Tgt Ion: 85 Resp: 8012
Ion Ratio Lower Upper
85 100
87 29.7 16.0 48.0





#3
Chloromethane
Concen: 5.894 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

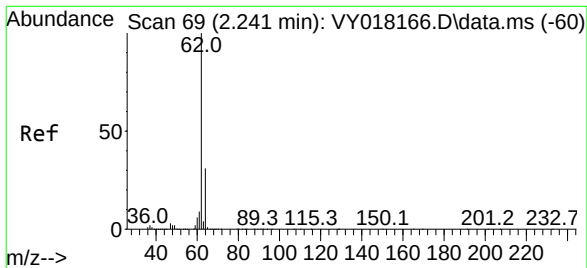
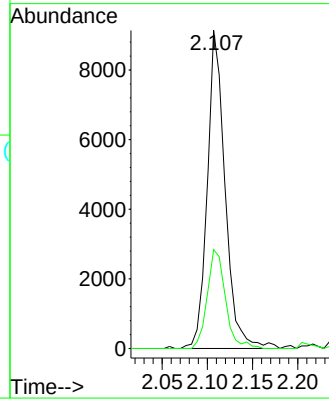
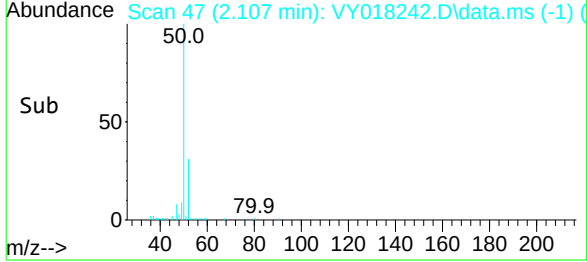
Instrument : MSVOA_Y
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LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 50 Resp: 12553
Ion Ratio Lower Upper
50 100
52 31.1 25.6 38.4

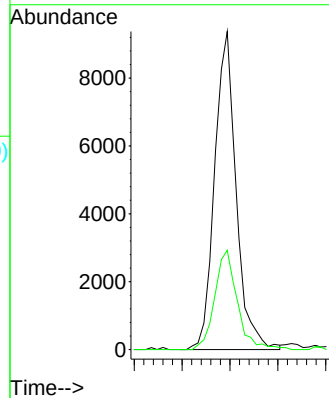
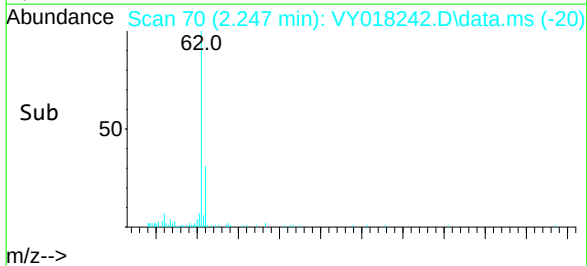
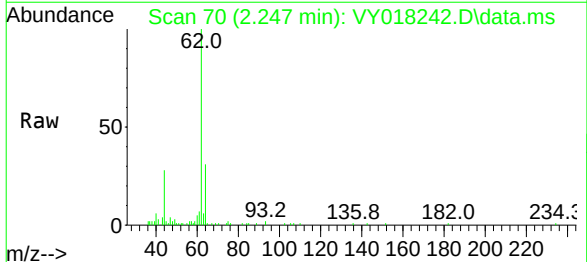
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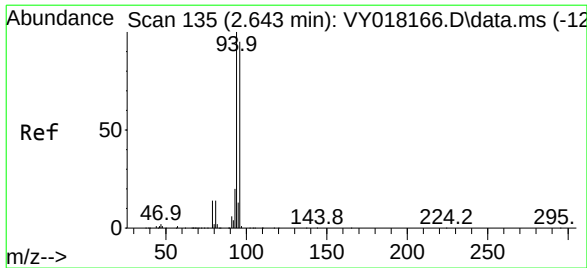
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#4
Vinyl Chloride
Concen: 5.672 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 62 Resp: 14644
Ion Ratio Lower Upper
62 100
64 31.2 26.1 39.1





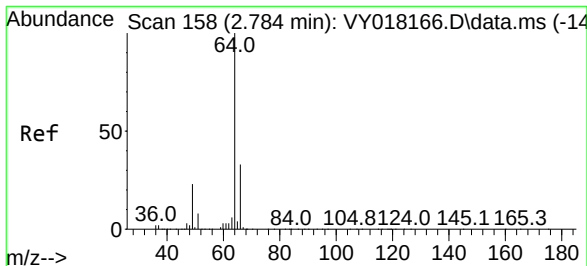
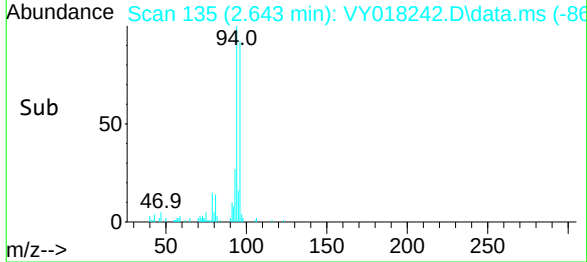
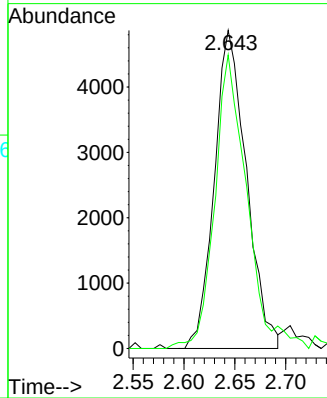
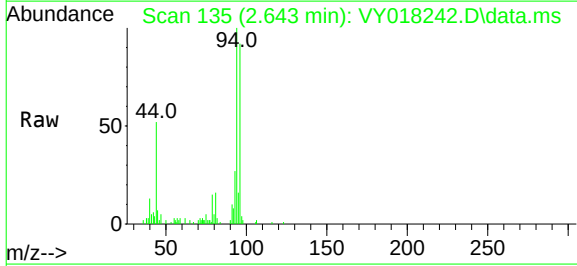
#5
Bromomethane
Concen: 5.965 ug/l
RT: 2.643 min Scan# 135
Delta R.T. -0.000 min
Lab File: VY018242.D
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Tgt Ion: 94 Resp: 10696
Ion Ratio Lower Upper
94 100
96 90.4 74.1 111.1

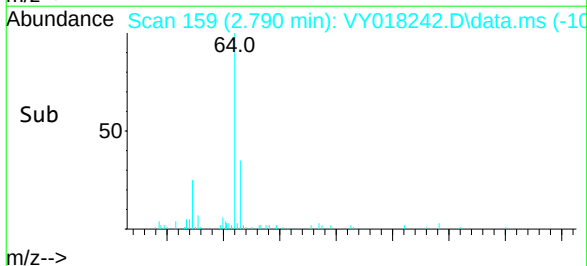
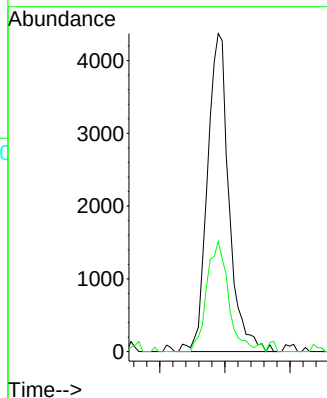
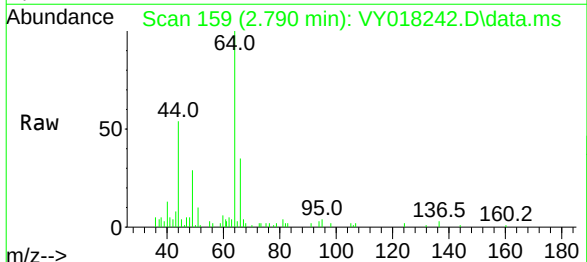
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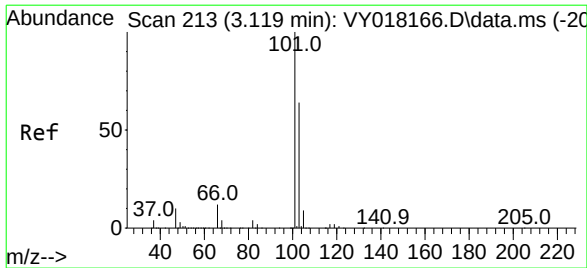
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#6
Chloroethane
Concen: 6.129 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

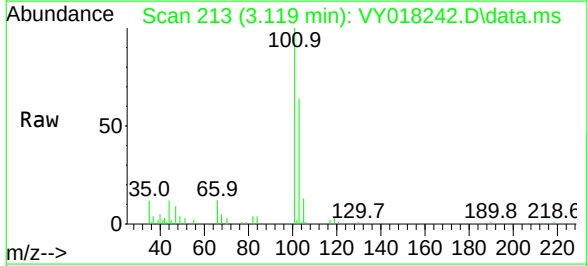
Tgt Ion: 64 Resp: 10042
Ion Ratio Lower Upper
64 100
66 34.7 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 5.249 ug/l
 RT: 3.119 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25

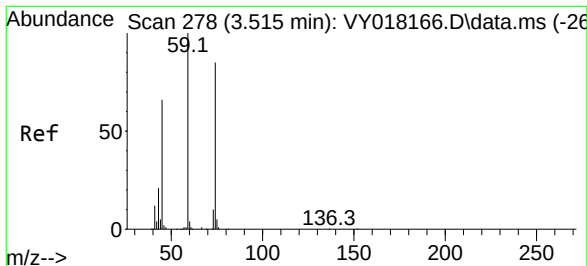
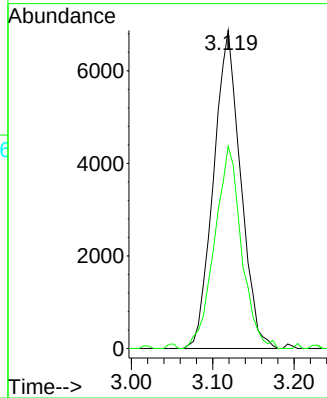
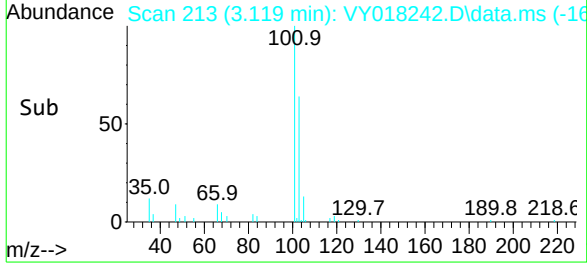
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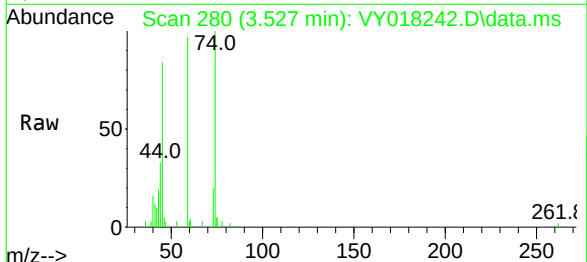
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 Ion Ratio Lower Upper
 101 100
 103 63.6 49.3 73.9

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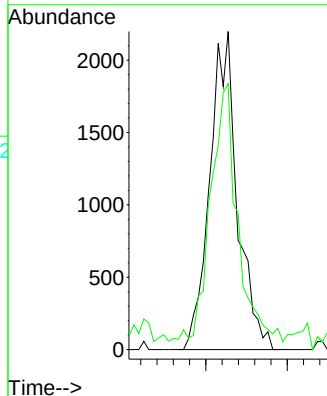
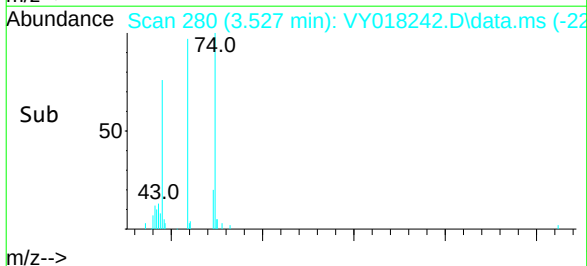
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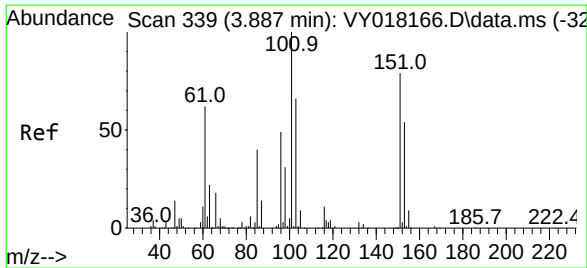


#8
 Diethyl Ether
 Concen: 5.184 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.012 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25



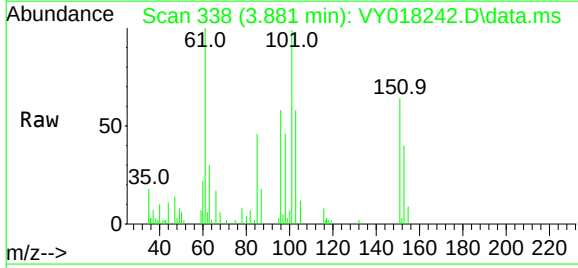
Tgt Ion: 74 Resp: 5161
 Ion Ratio Lower Upper
 74 100
 45 81.6 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.110 ug/l
RT: 3.881 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

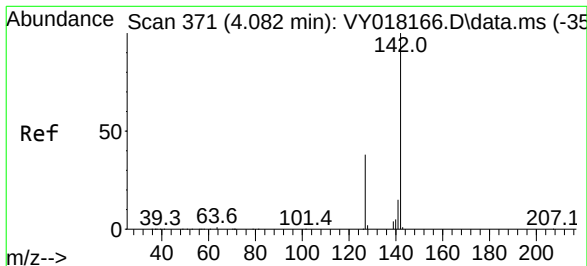
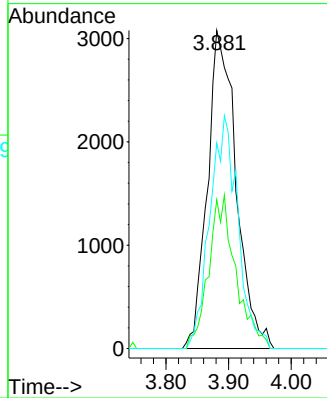
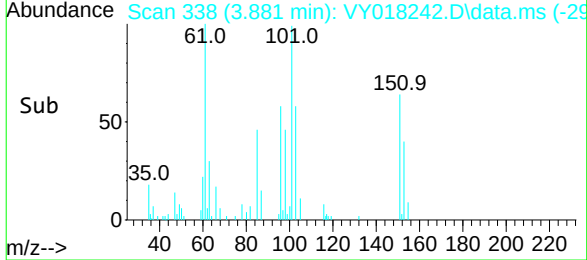
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



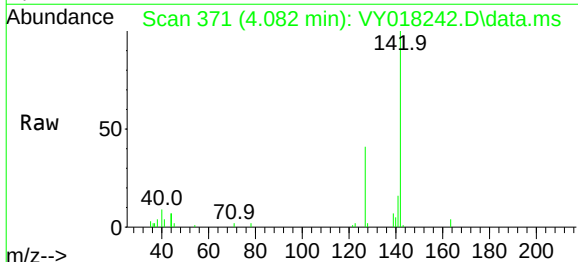
Tgt Ion:101 Resp: 9848
Ion Ratio Lower Upper
101 100
85 45.6 34.5 51.7
151 71.5 61.7 92.5

Manual Integrations
APPROVED

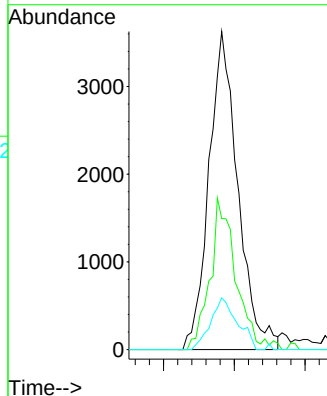
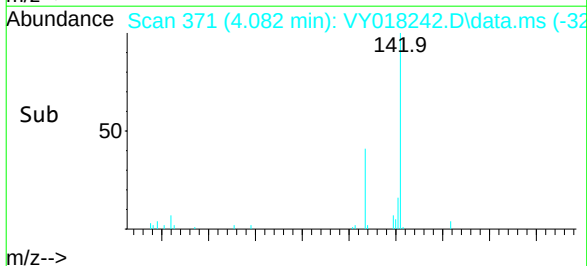
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

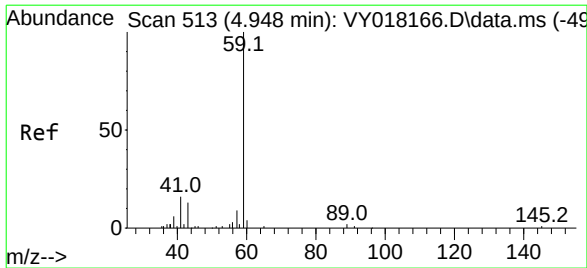


#10
Methyl Iodide
Concen: 4.581 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25



Tgt Ion:142 Resp: 10310
Ion Ratio Lower Upper
142 100
127 41.4 32.8 49.2
141 15.0 11.4 17.2





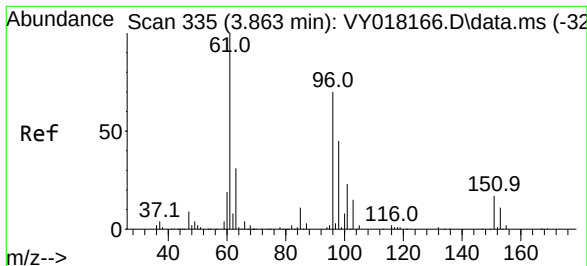
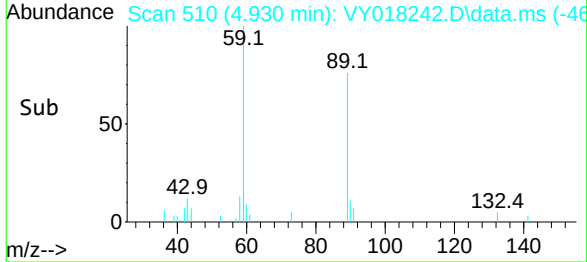
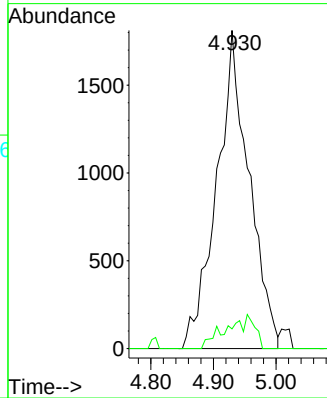
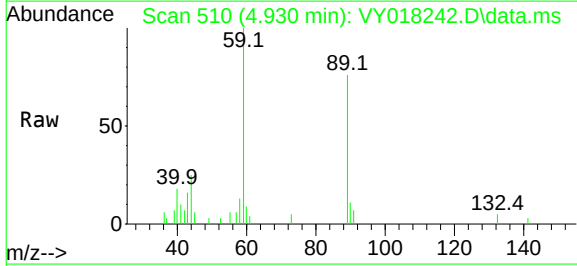
#11
Tert butyl alcohol
Concen: 44.100 ug/l
RT: 4.930 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 59 Resp: 6506
Ion Ratio Lower Upper
59 100
57 3.6 3.0 4.6

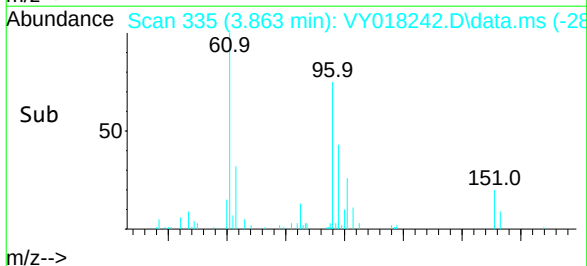
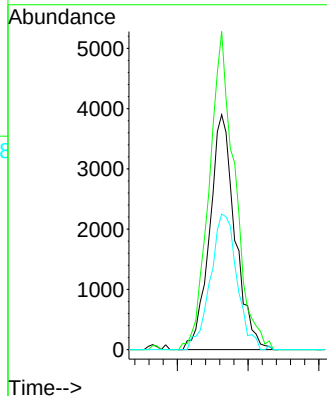
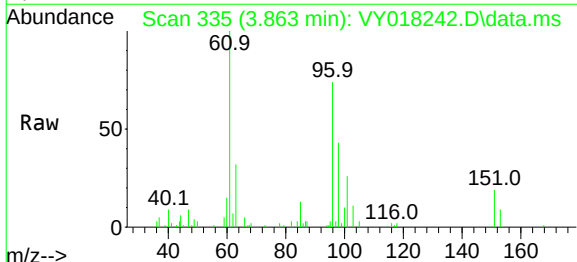
Manual Integrations
APPROVED

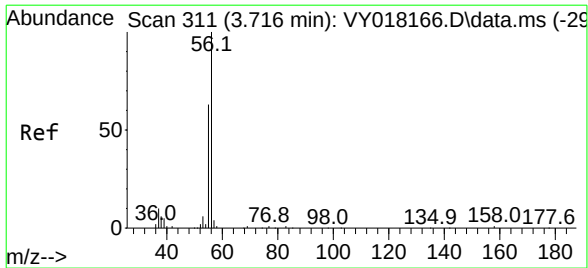
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#12
1,1-Dichloroethene
Concen: 5.003 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

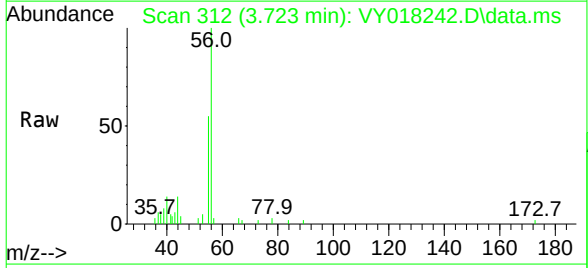
Tgt Ion: 96 Resp: 9706
Ion Ratio Lower Upper
96 100
61 135.4 114.6 171.8
98 57.7 50.8 76.2





#13
Acrolein
Concen: 31.509 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

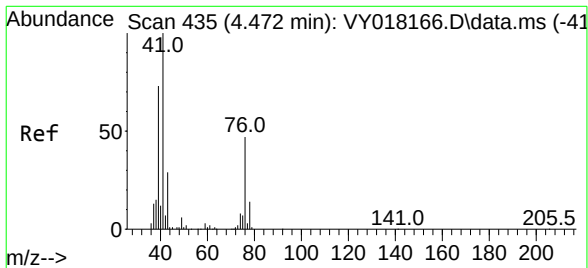
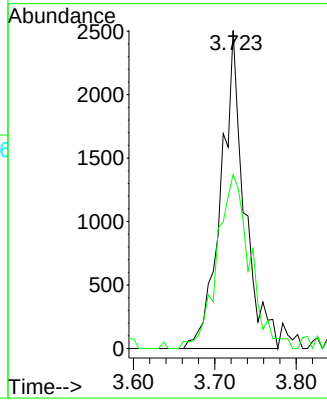
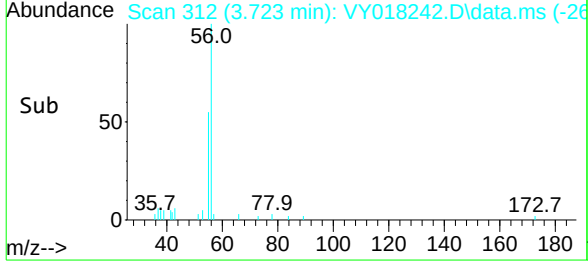
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 56 Resp: 5013
Ion Ratio Lower Upper
56 100
55 76.5 55.7 83.5

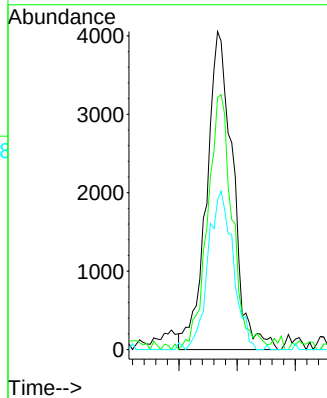
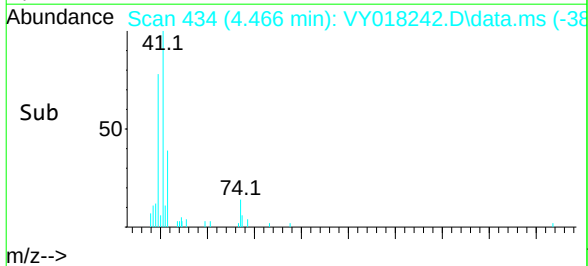
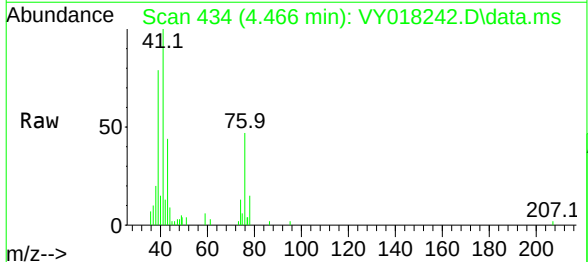
Manual Integrations
APPROVED

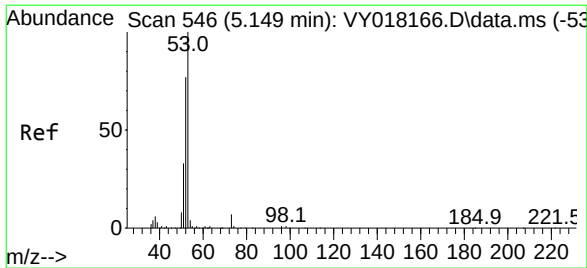
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#14
Allyl chloride
Concen: 5.186 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

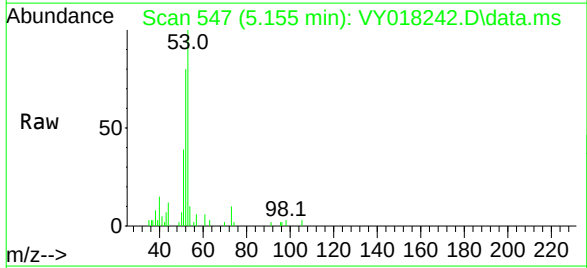
Tgt Ion: 41 Resp: 12801
Ion Ratio Lower Upper
41 100
39 75.5 58.3 87.5
76 47.2 39.0 58.6





#15
Acrylonitrile
Concen: 26.151 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

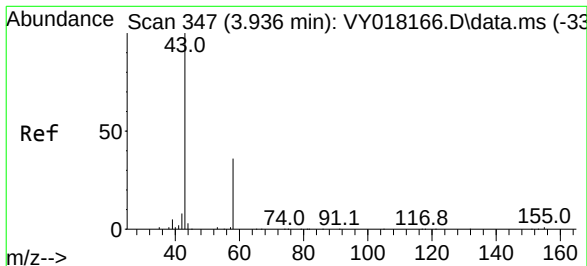
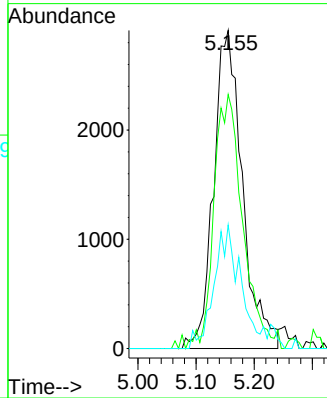
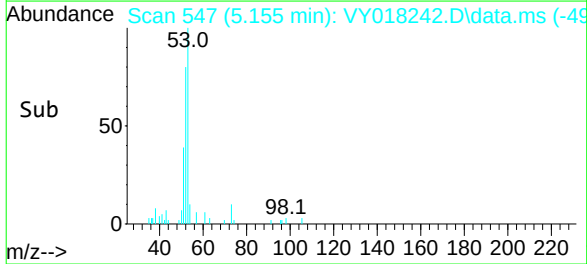
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



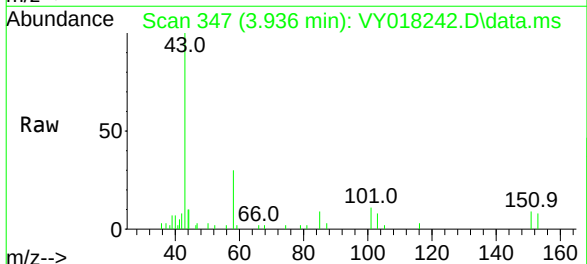
Tgt Ion: 53 Resp: 10012
Ion Ratio Lower Upper
53 100
52 79.9 64.7 97.1
51 35.2 28.4 42.6

Manual Integrations
APPROVED

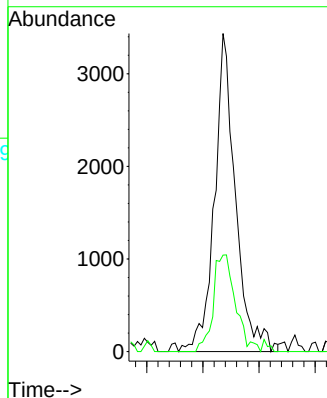
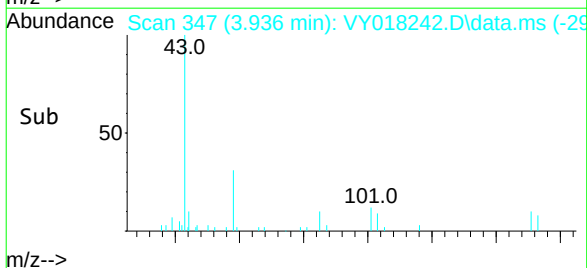
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

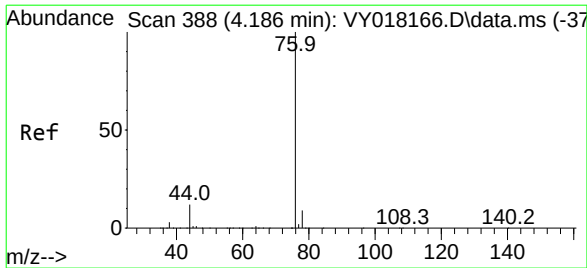


#16
Acetone
Concen: 30.319 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25



Tgt Ion: 43 Resp: 8930
Ion Ratio Lower Upper
43 100
58 30.3 31.7 47.5#





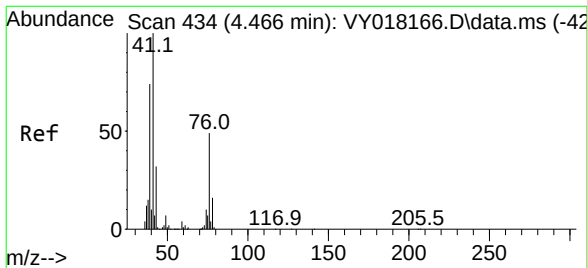
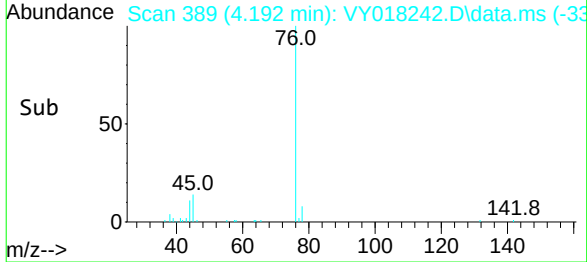
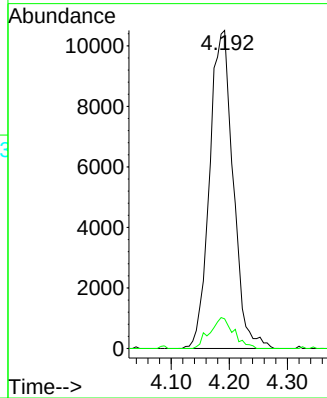
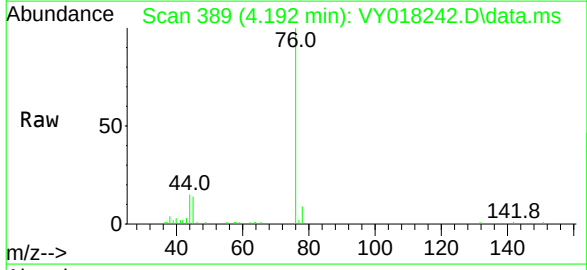
#17
Carbon Disulfide
Concen: 5.608 ug/l
RT: 4.192 min Scan# 388
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 76 Resp: 29624
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

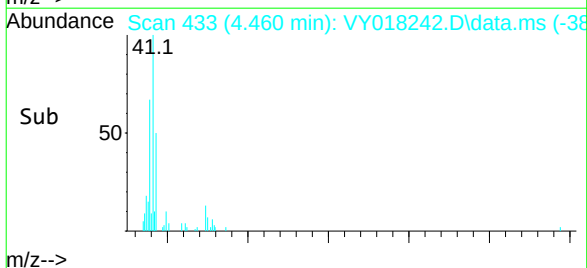
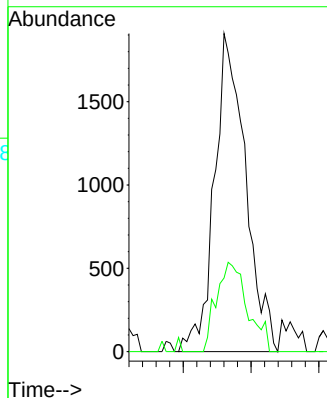
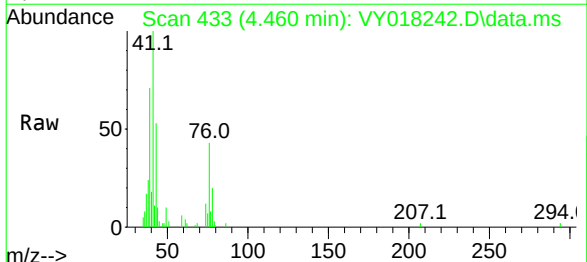
Manual Integrations
APPROVED

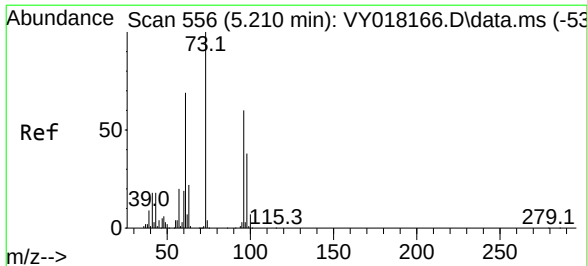
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#18
Methyl Acetate
Concen: 7.267 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 43 Resp: 6097
Ion Ratio Lower Upper
43 100
74 27.9 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 5.043 ug/l

RT: 5.204 min Scan# 556

Delta R.T. -0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 73 Resp: 21794

Ion Ratio Lower Upper

73 100

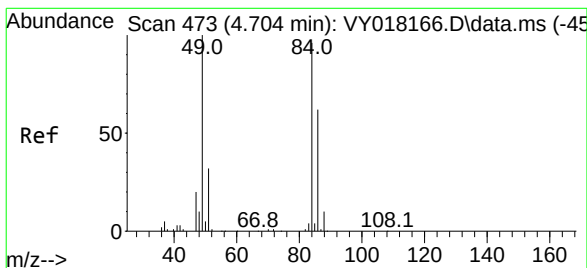
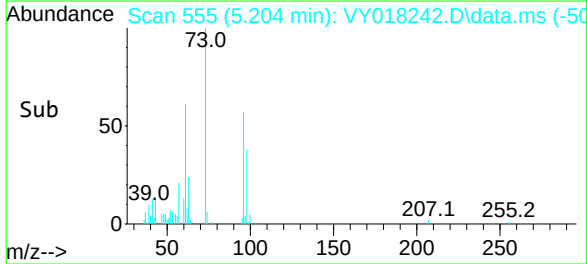
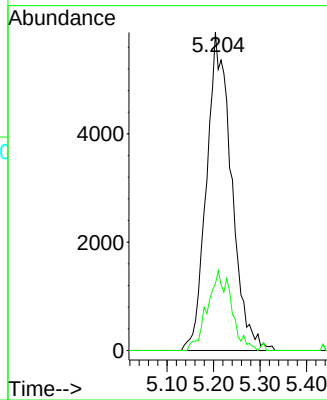
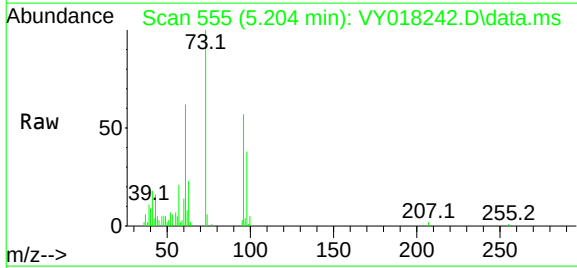
57 20.9 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#20

Methylene Chloride

Concen: 16.720 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt Ion: 84 Resp: 34808

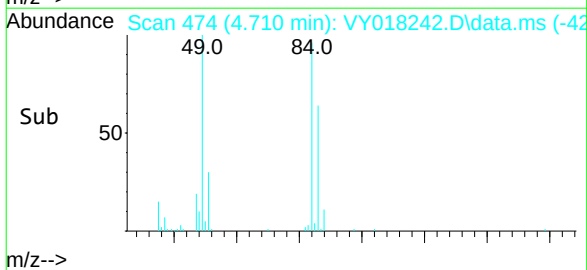
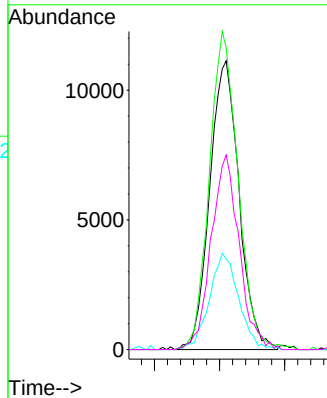
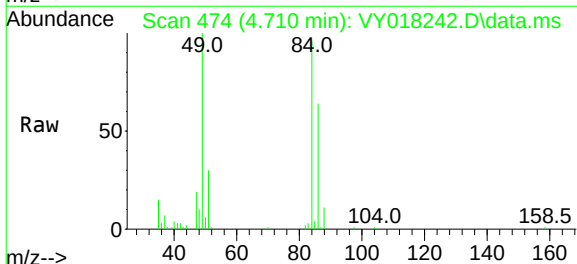
Ion Ratio Lower Upper

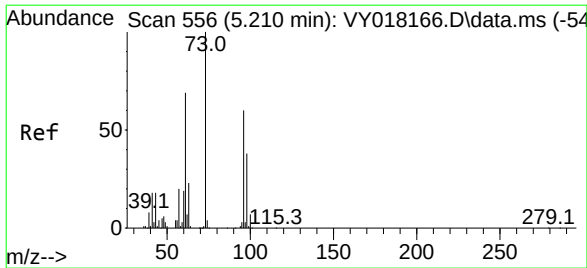
84 100

49 103.9 84.4 126.6

51 30.8 26.0 39.0

86 66.9 49.5 74.3





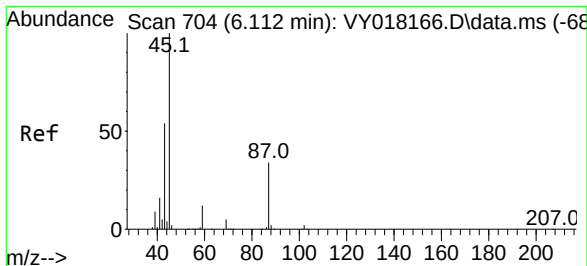
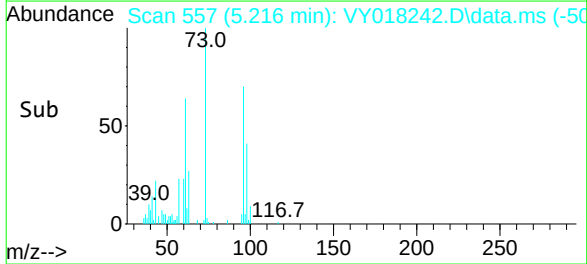
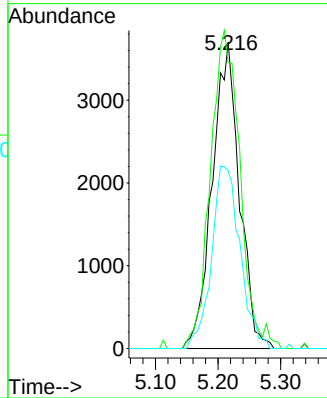
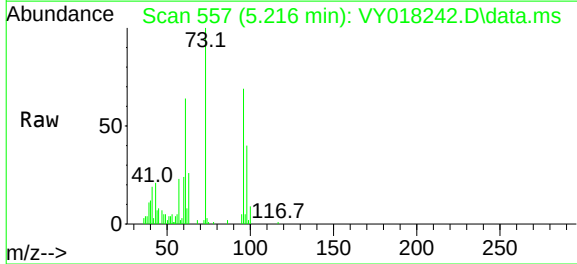
#21
trans-1,2-Dichloroethene
Concen: 5.418 ug/l
RT: 5.216 min Scan# 556
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion	Ratio	Lower	Upper
96	100		
61	93.4	97.5	146.3
98	58.1	50.5	75.7

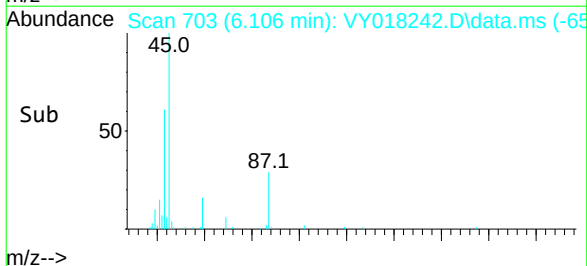
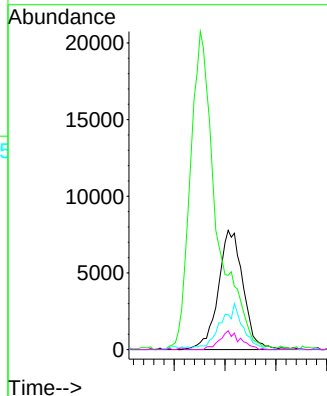
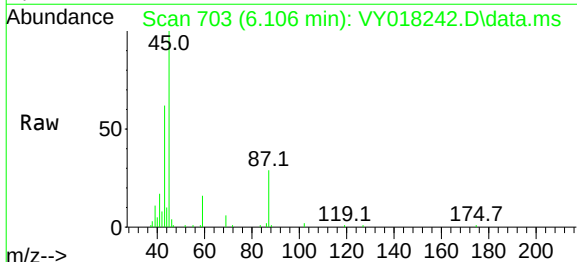
Manual Integrations
APPROVED

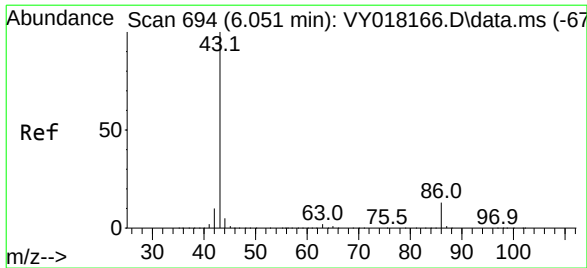
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#22
Diisopropyl ether
Concen: 5.026 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.9	42.2	63.2
87	29.3	25.0	37.6
59	15.7	10.5	15.7





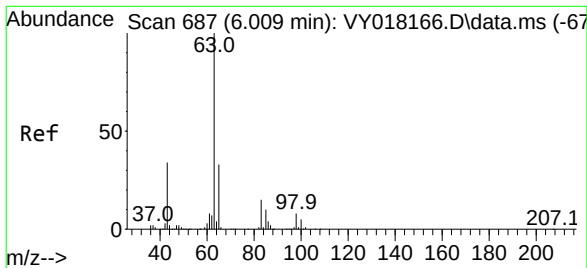
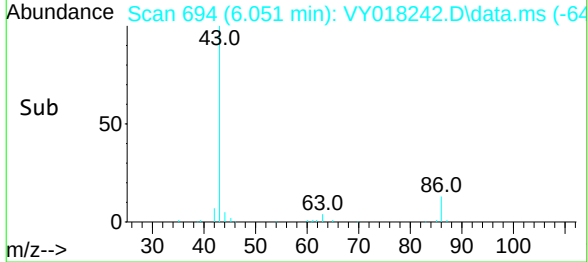
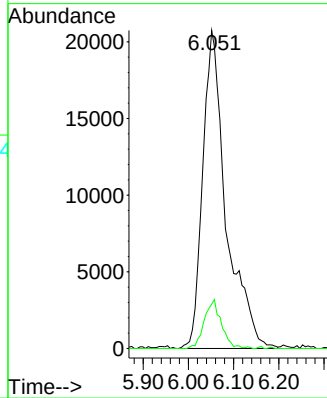
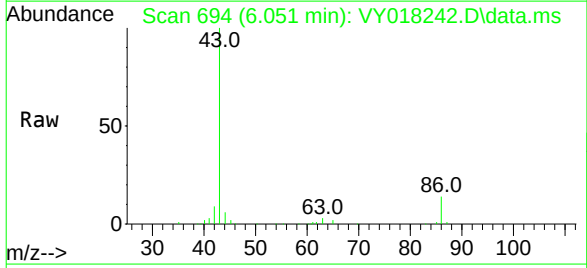
#23
 Vinyl Acetate
 Concen: 23.470 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 43 Resp: 74691
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 16.0

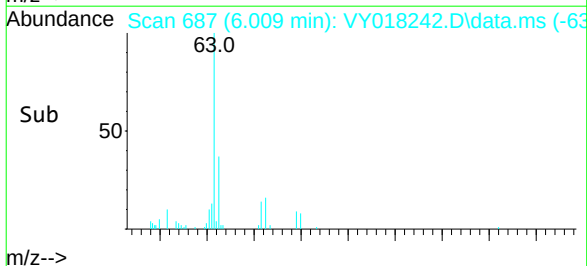
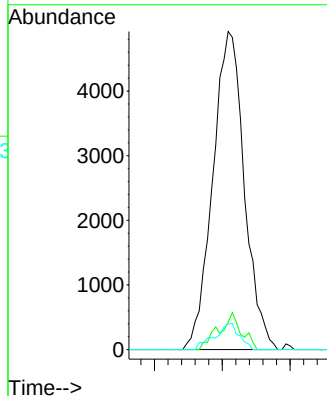
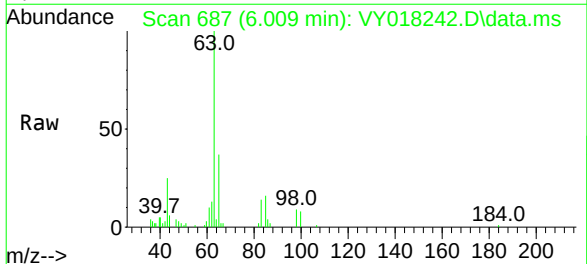
Manual Integrations
 APPROVED

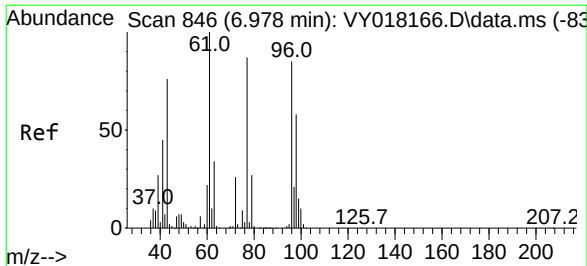
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#24
 1,1-Dichloroethane
 Concen: 4.933 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25

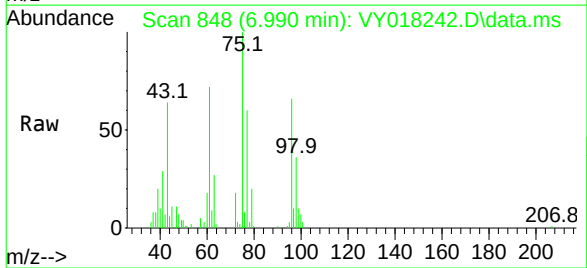
Tgt Ion: 63 Resp: 15907
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.2
 100 8.1 2.6 8.0#





#25
2-Butanone
Concen: 24.394 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

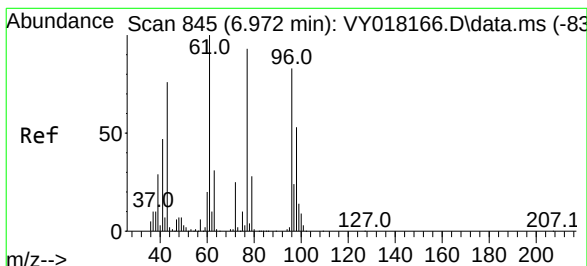
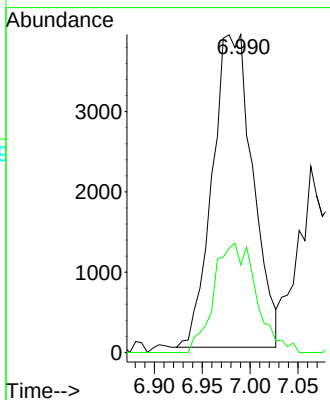
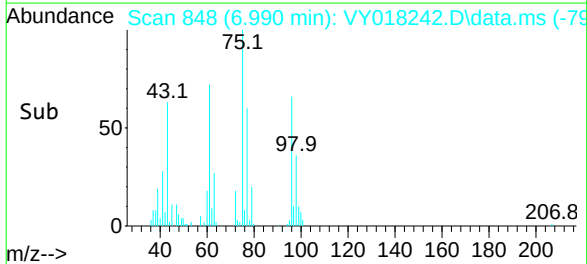
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



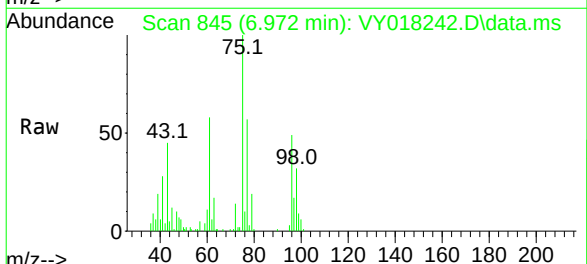
Tgt Ion: 43 Resp: 11485
Ion Ratio Lower Upper
43 100
72 28.0 27.3 40.9

Manual Integrations
APPROVED

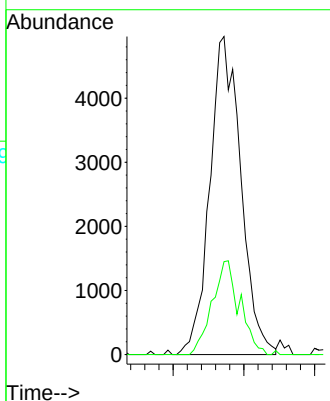
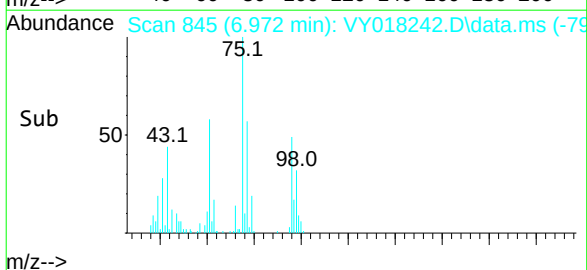
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

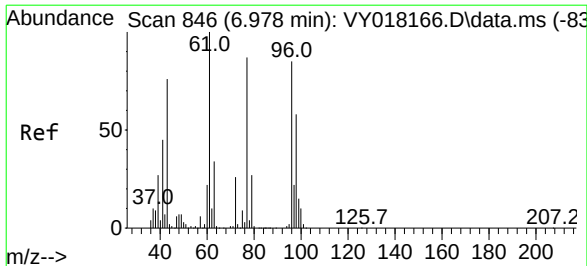


#26
2,2-Dichloropropane
Concen: 5.181 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25



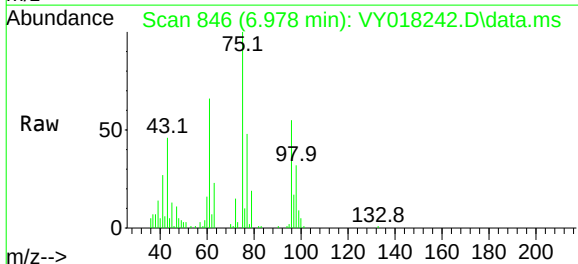
Tgt Ion: 77 Resp: 15121
Ion Ratio Lower Upper
77 100
97 26.1 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 5.058 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25

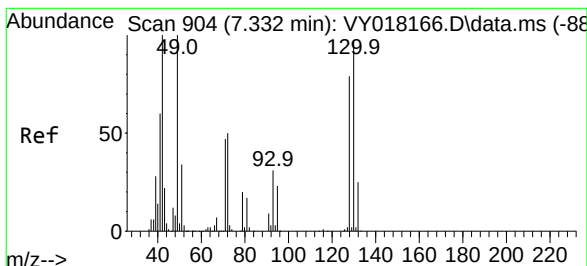
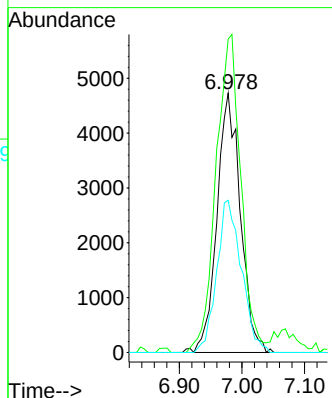
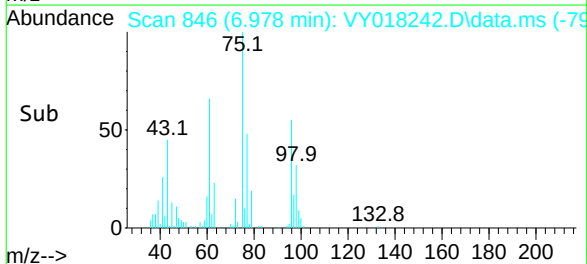
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



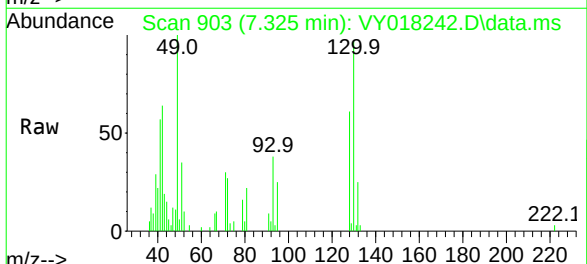
Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	256.2
98	61.9	0.0	130.0

Manual Integrations
 APPROVED

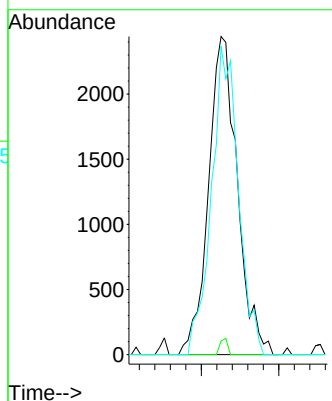
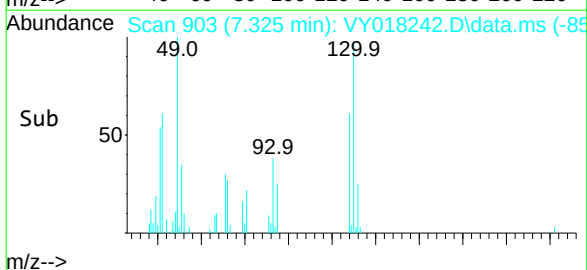
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

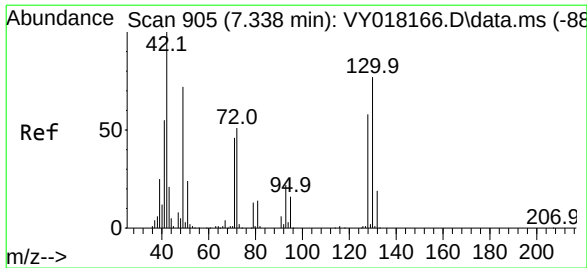


#28
 Bromochloromethane
 Concen: 4.895 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25



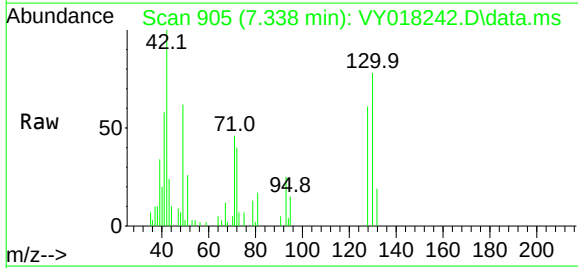
Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.6
130	90.3	72.7	109.1





#29
Tetrahydrofuran
Concen: 24.162 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

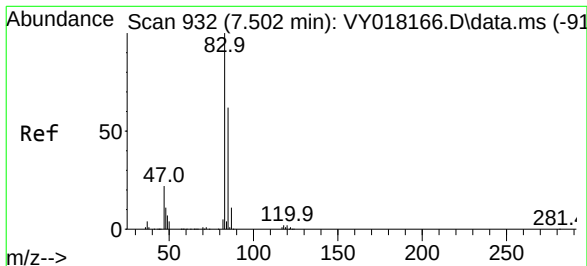
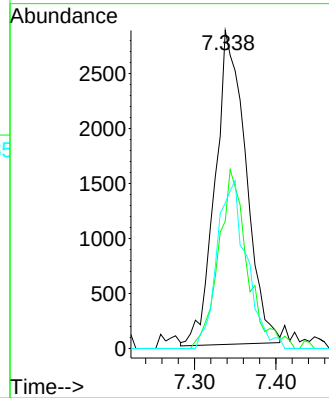
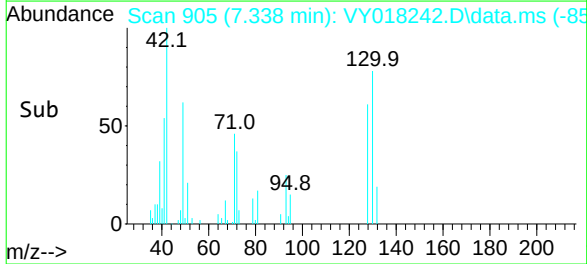
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 42 Resp: 7509
Ion Ratio Lower Upper
42 100
72 53.6 43.0 64.4
71 51.6 40.8 61.2

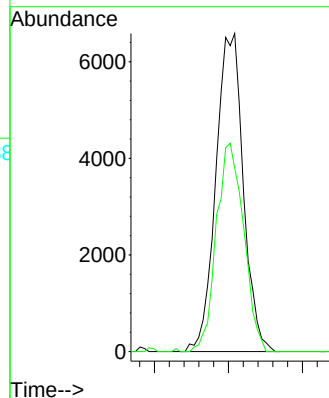
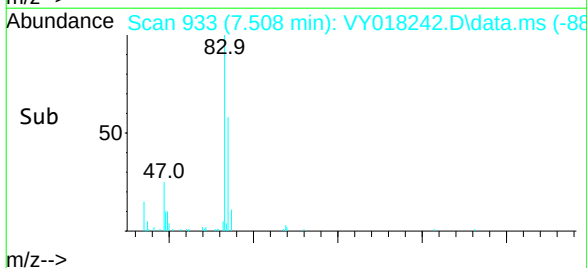
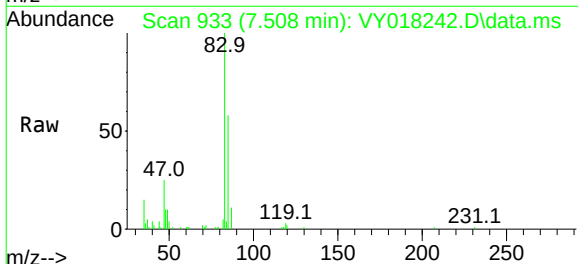
Manual Integrations
APPROVED

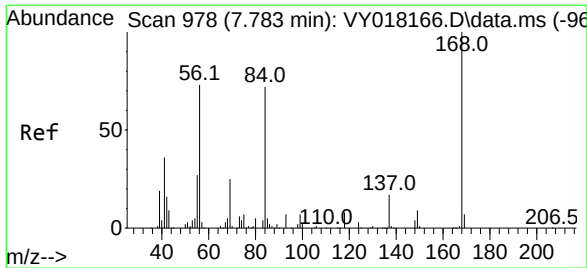
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#30
Chloroform
Concen: 5.041 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 83 Resp: 16971
Ion Ratio Lower Upper
83 100
85 57.7 52.2 78.4





#31

Cyclohexane

Concen: 6.124 ug/l

RT: 7.777 min Scan# 97

Delta R.T. -0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

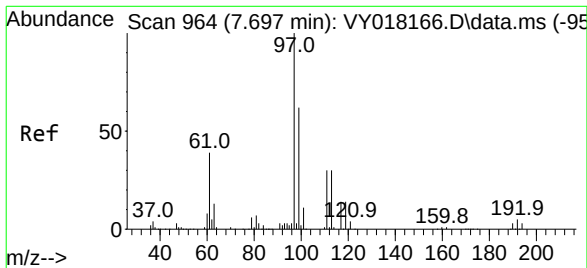
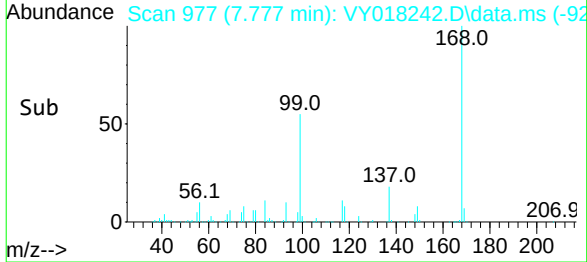
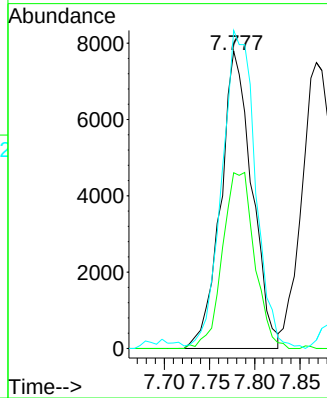
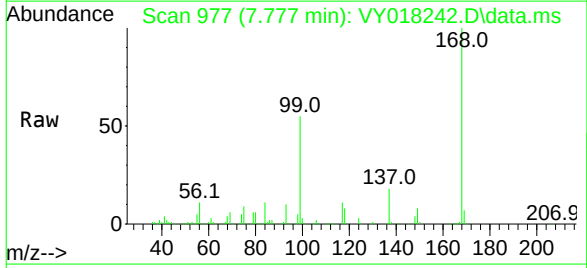
Tgt Ion:	56	Resp:	18749
Ion	Ratio	Lower	Upper
56	100		
69	59.1	28.7	43.1
84	104.9	77.7	116.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#32

1,1,1-Trichloroethane

Concen: 4.894 ug/l

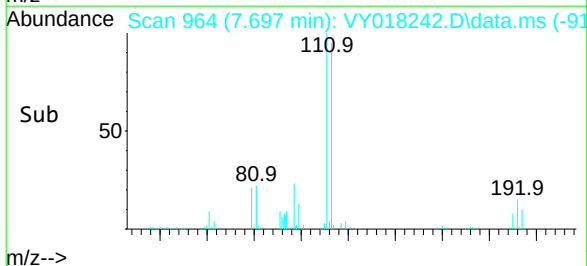
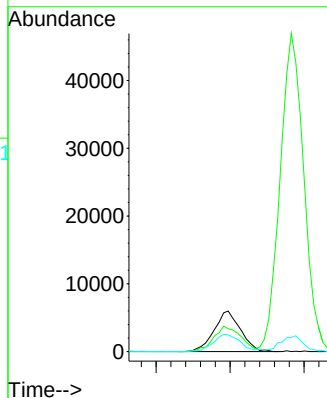
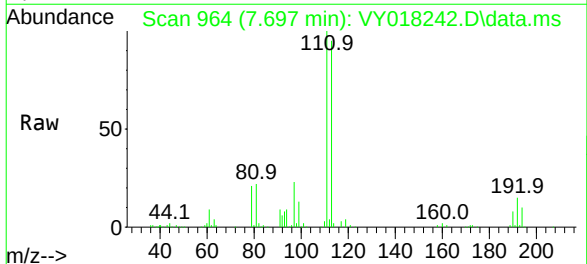
RT: 7.697 min Scan# 964

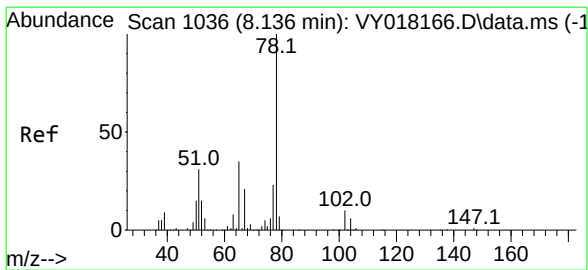
Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt Ion:	97	Resp:	14768
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.3	75.5
61	44.1	32.6	48.8





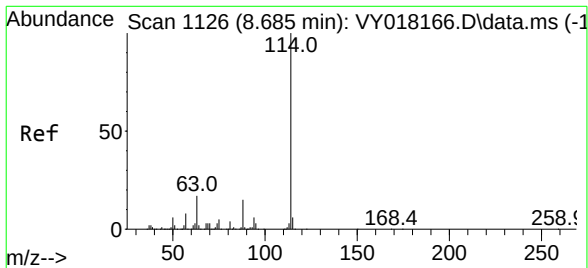
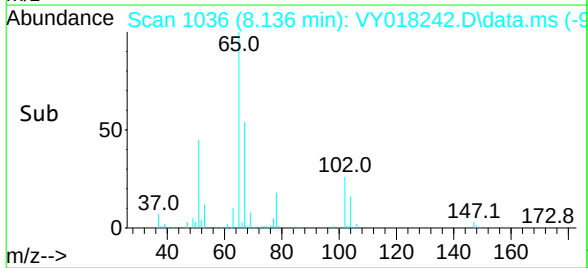
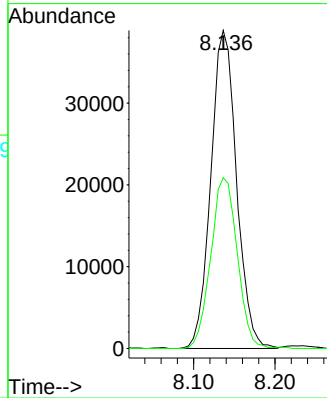
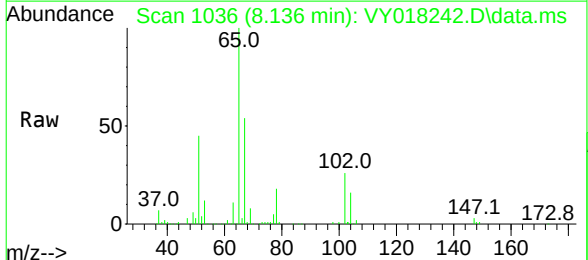
#33
1,2-Dichloroethane-d4
Concen: 57.871 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 65 Resp: 85414
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6

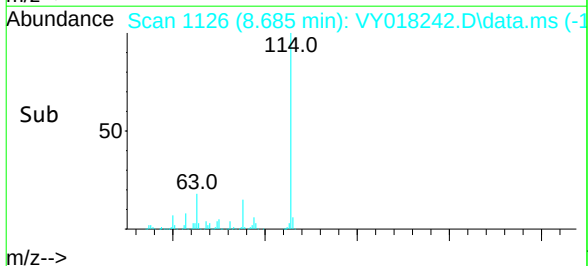
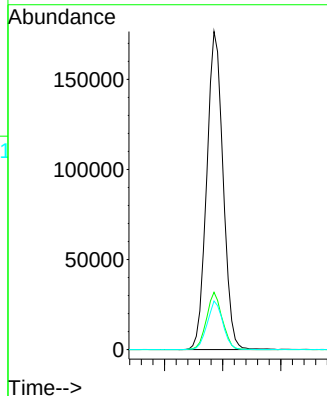
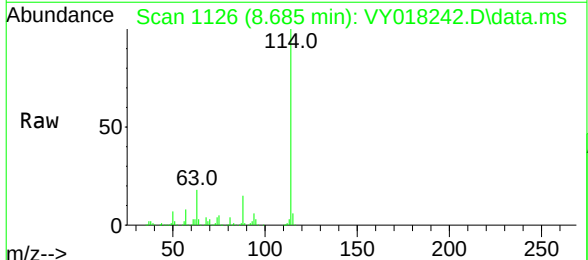
Manual Integrations
APPROVED

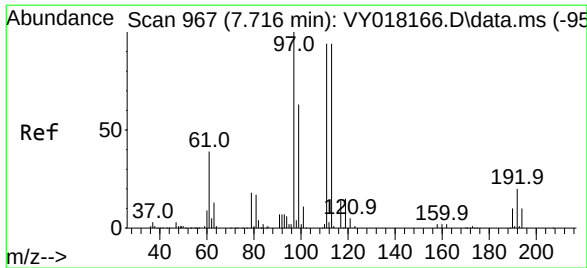
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

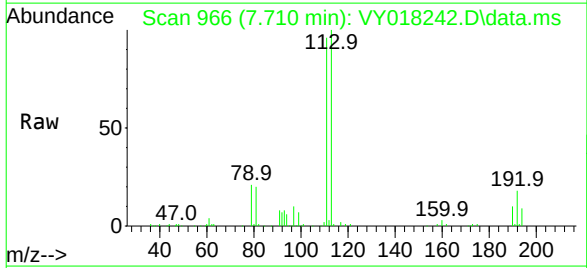
Tgt Ion:114 Resp: 344638
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 15.3 0.0 27.2





#35
Dibromofluoromethane
Concen: 54.526 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

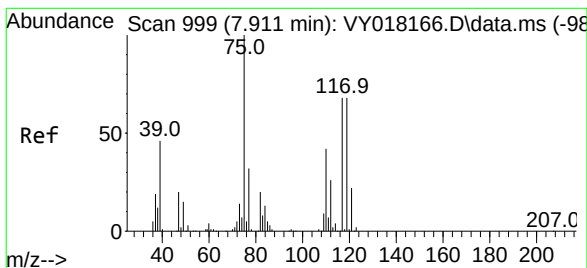
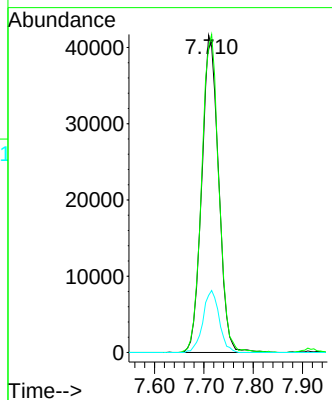
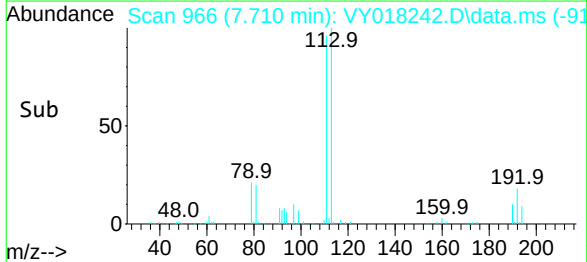
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:	113	Resp:	98760
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	18.9	15.9	23.9

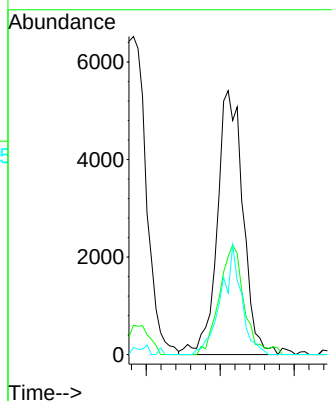
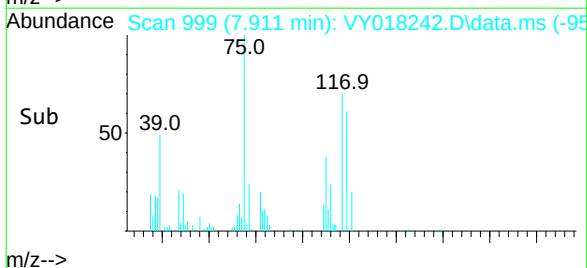
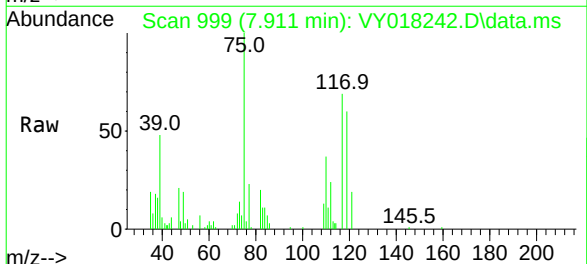
Manual Integrations
APPROVED

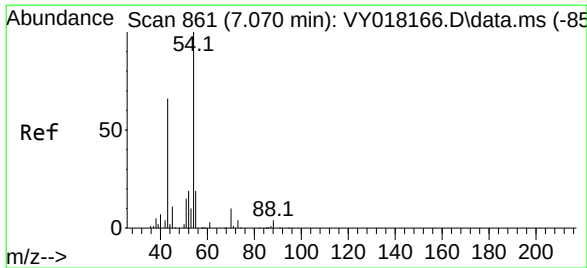
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#36
1,1-Dichloropropene
Concen: 5.038 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

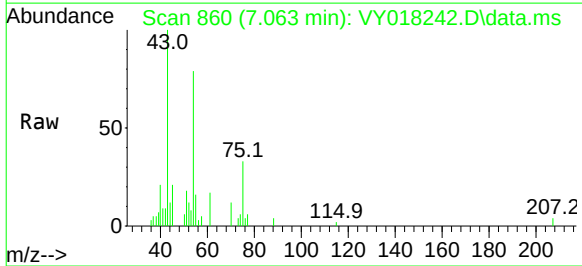
Tgt Ion:	75	Resp:	13082
Ion	Ratio	Lower	Upper
75	100		
110	40.3	19.0	57.0
77	32.8	25.3	37.9





#37
Ethyl Acetate
Concen: 4.969 ug/l
RT: 7.063 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

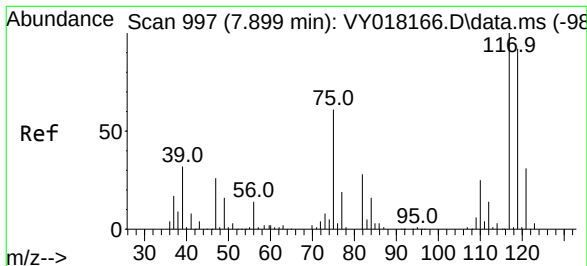
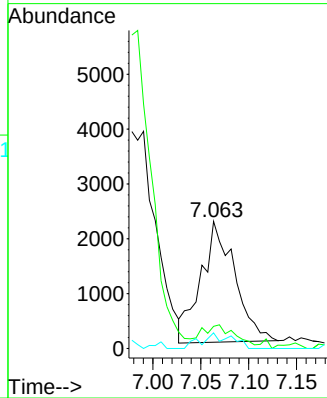
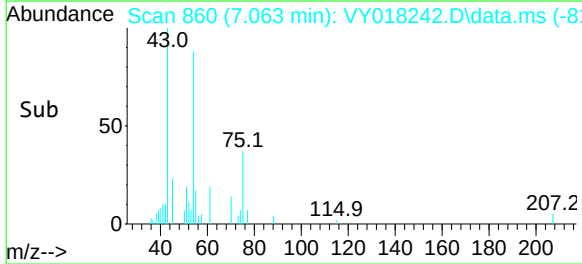
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 43 Resp: 5430
Ion Ratio Lower Upper
43 100
61 14.9 12.6 19.0
70 7.7 7.8 11.8#

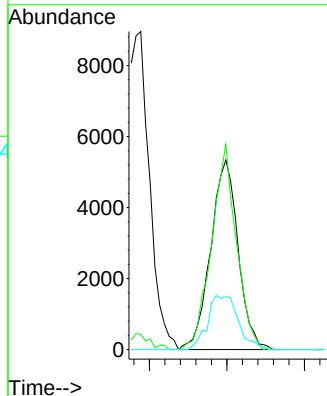
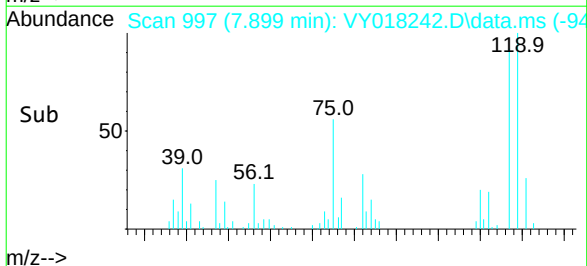
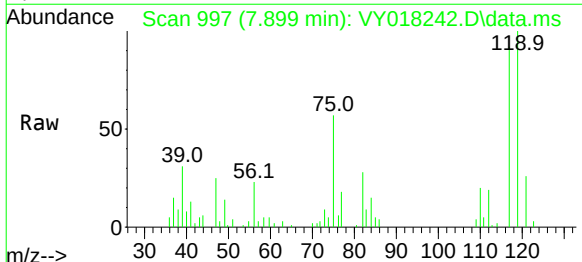
Manual Integrations
APPROVED

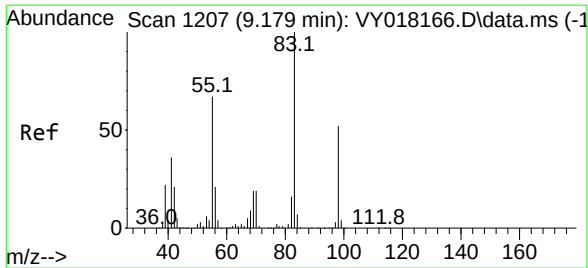
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#38
Carbon Tetrachloride
Concen: 4.635 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

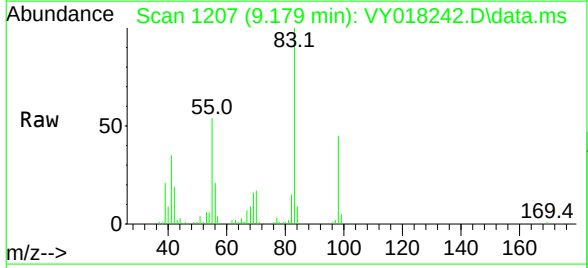
Tgt Ion:117 Resp: 13151
Ion Ratio Lower Upper
117 100
119 108.3 75.8 113.6
121 28.0 24.0 36.0





#39
Methylcyclohexane
Concen: 4.780 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

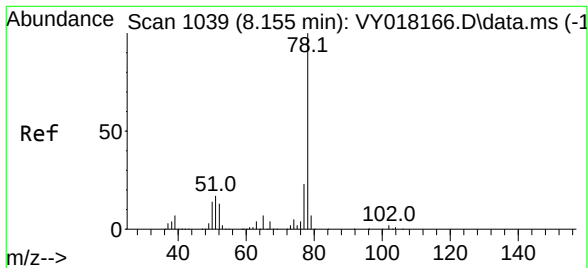
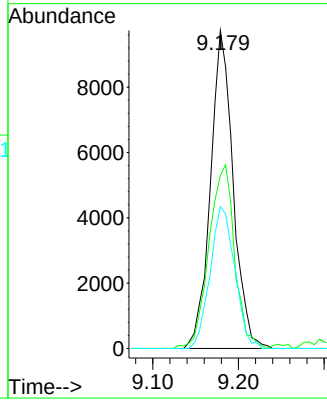
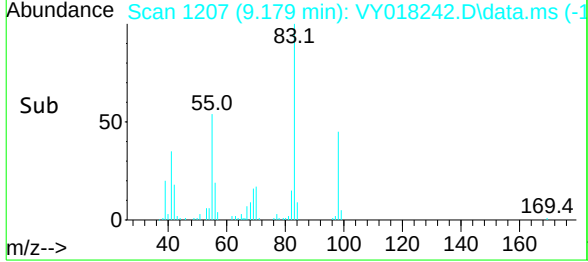
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 83 Resp: 17907
Ion Ratio Lower Upper
83 100
55 53.4 51.5 77.3
98 44.6 40.5 60.7

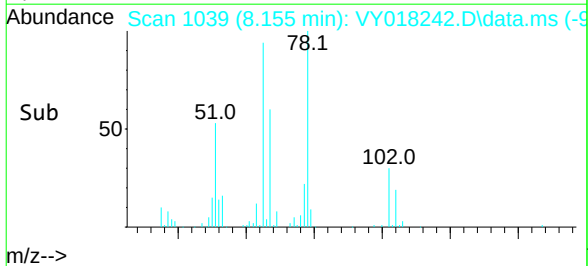
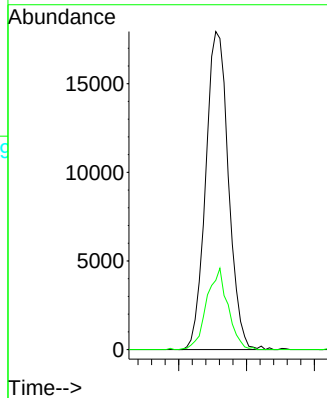
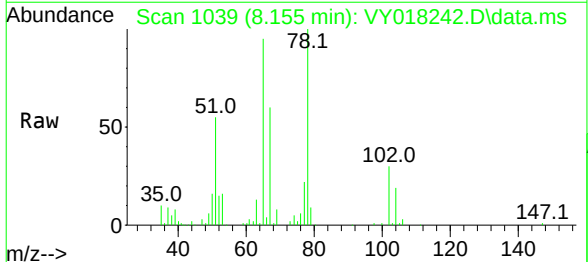
Manual Integrations
APPROVED

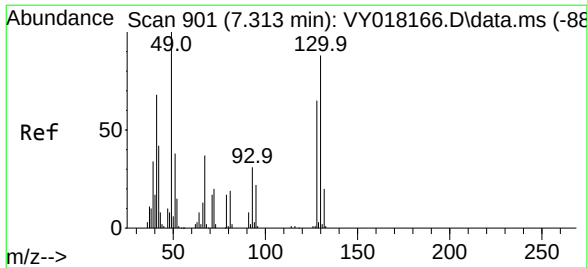
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#40
Benzene
Concen: 5.010 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

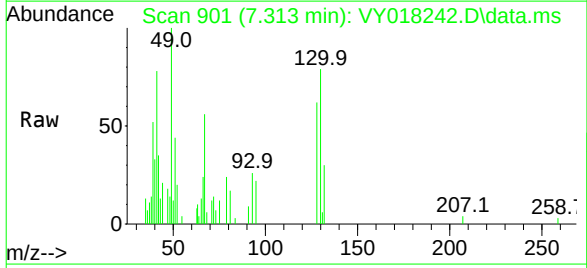
Tgt Ion: 78 Resp: 41845
Ion Ratio Lower Upper
78 100
77 21.8 19.5 29.3





#41
Methacrylonitrile
Concen: 4.961 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

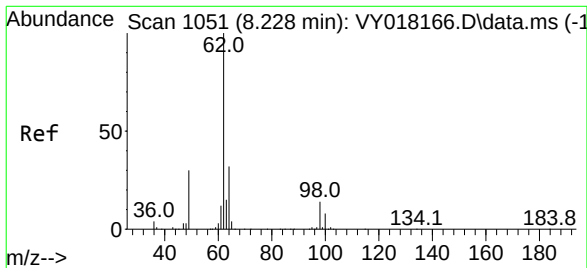
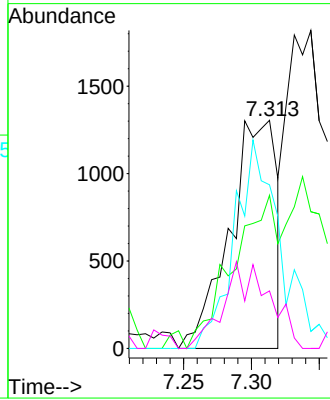
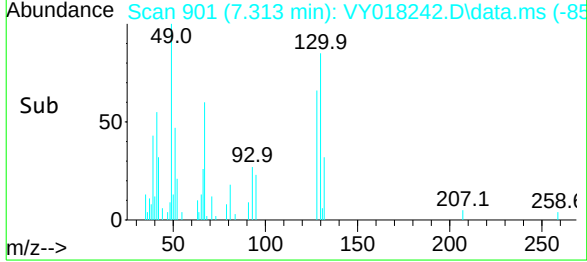
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.1	48.0	72.0
67	0.0	75.1	112.7
52	0.0	29.8	44.6

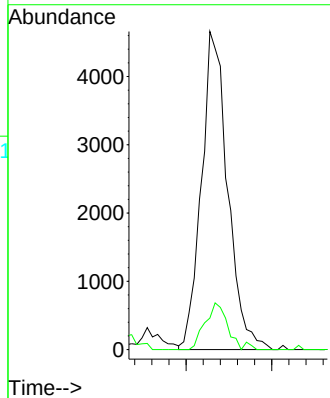
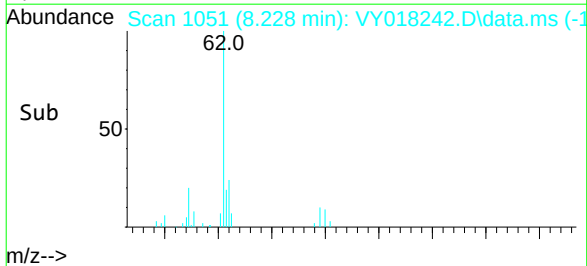
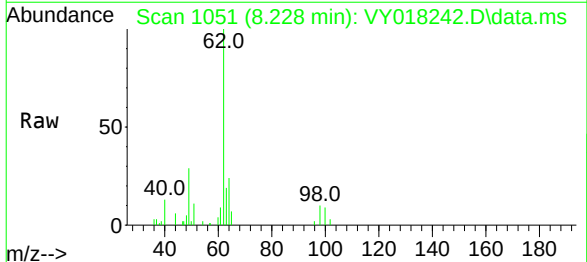
Manual Integrations
APPROVED

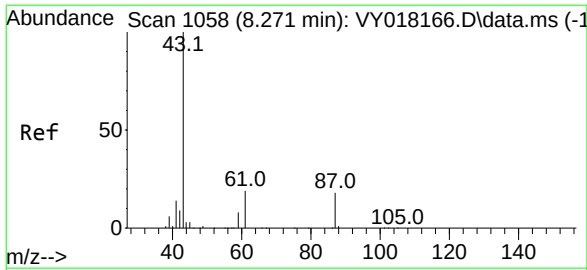
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#42
1,2-Dichloroethane
Concen: 5.455 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

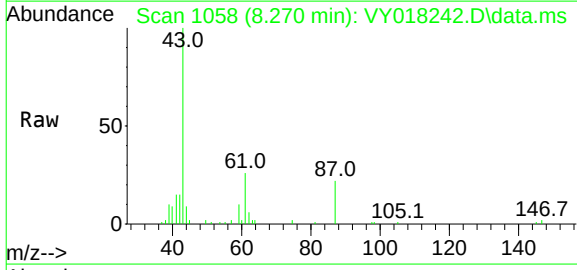
Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.8	0.0	22.0





#43
Isopropyl Acetate
Concen: 4.847 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

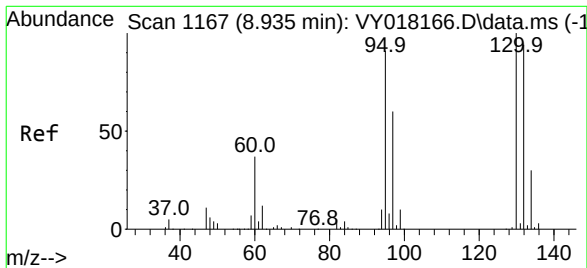
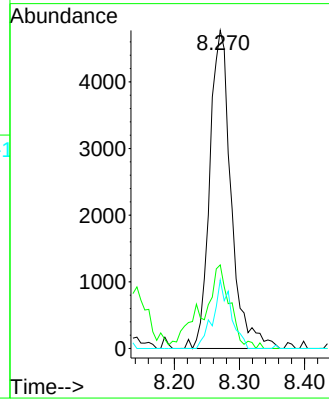
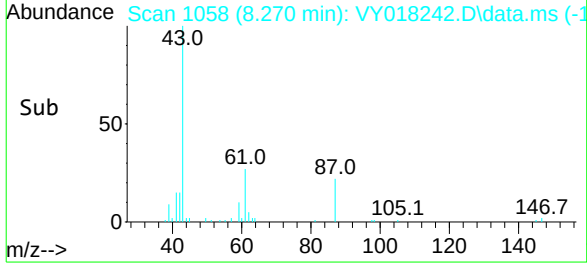
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 43 Resp: 10858
Ion Ratio Lower Upper
43 100
61 23.6 27.9 41.9#
87 18.1 13.1 19.7

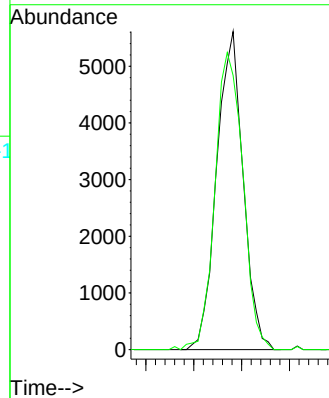
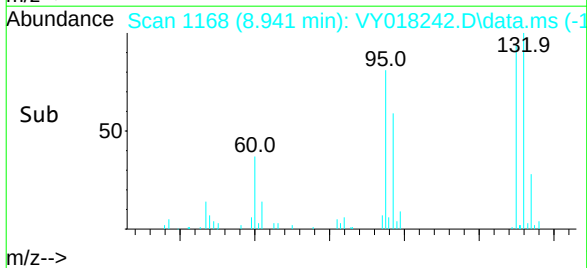
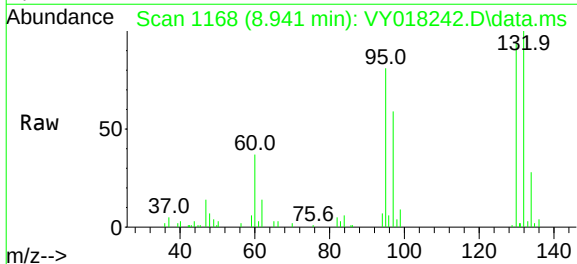
Manual Integrations
APPROVED

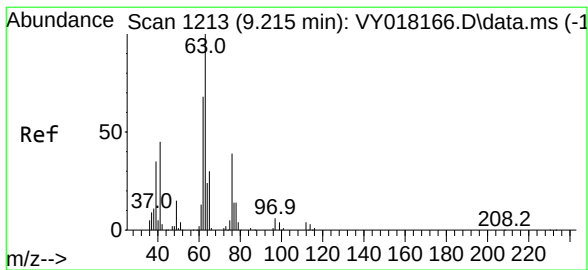
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#44
Trichloroethene
Concen: 4.726 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

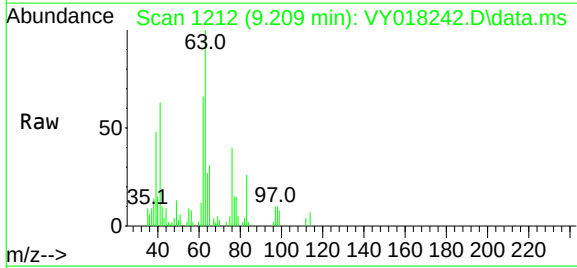
Tgt Ion:130 Resp: 10746
Ion Ratio Lower Upper
130 100
95 86.2 0.0 188.0





#45
1,2-Dichloropropane
Concen: 5.074 ug/l
RT: 9.209 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

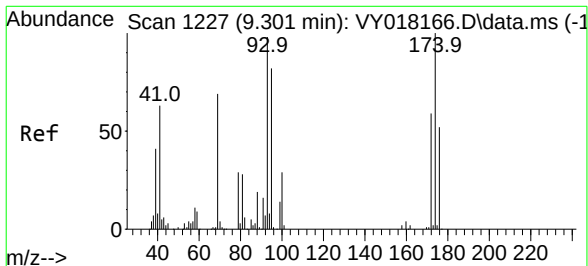
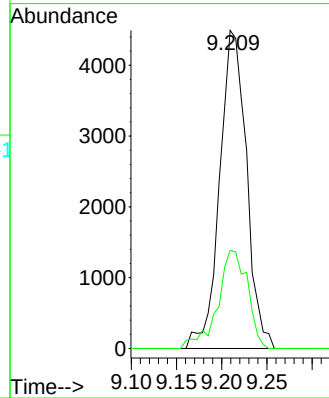
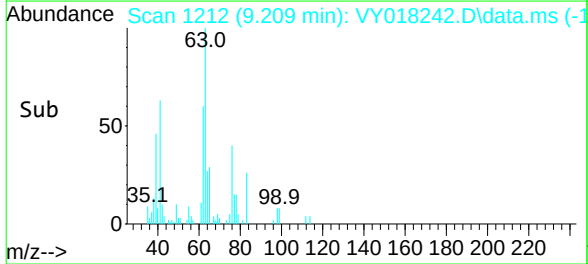
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 63 Resp: 9265
Ion Ratio Lower Upper
63 100
65 30.9 25.4 38.2

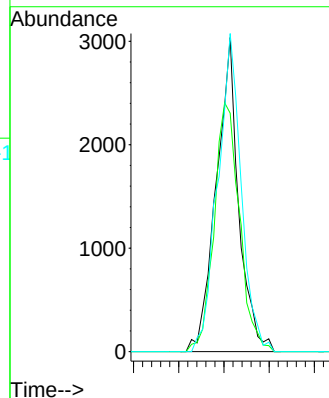
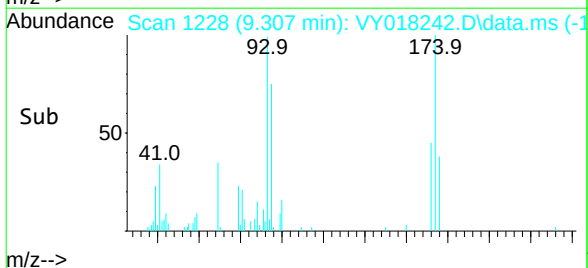
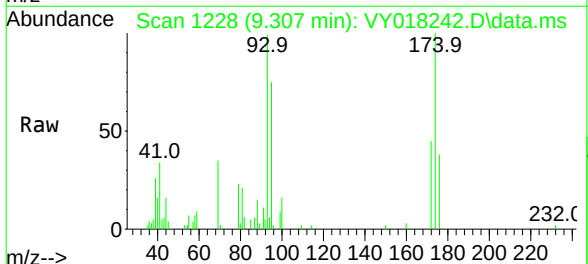
Manual Integrations
APPROVED

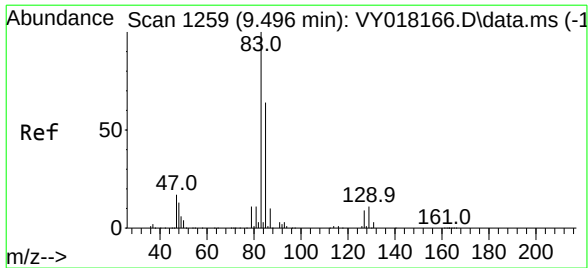
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#46
Dibromomethane
Concen: 5.000 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

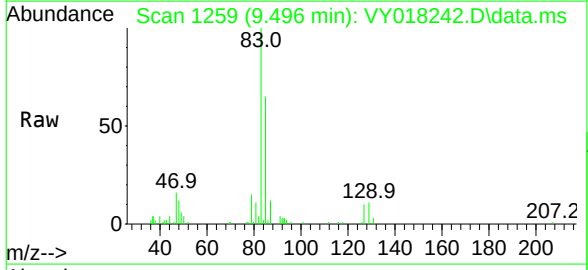
Tgt Ion: 93 Resp: 5249
Ion Ratio Lower Upper
93 100
95 89.3 66.2 99.4
174 105.9 80.9 121.3





#47
 Bromodichloromethane
 Concen: 4.422 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25

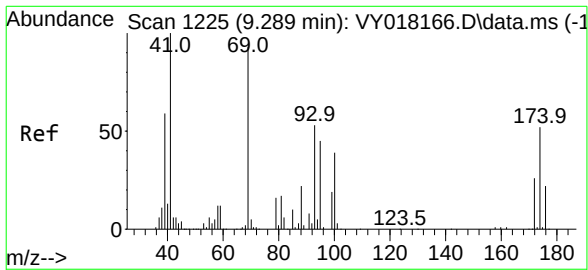
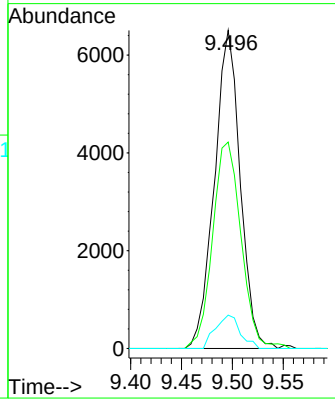
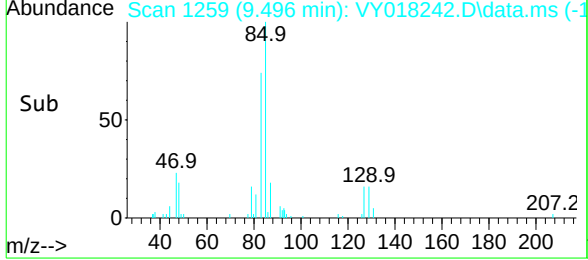
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:	83	Resp:	11476
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.1	75.1
127	10.5	7.4	11.0

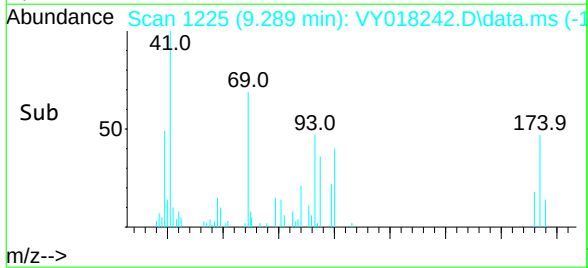
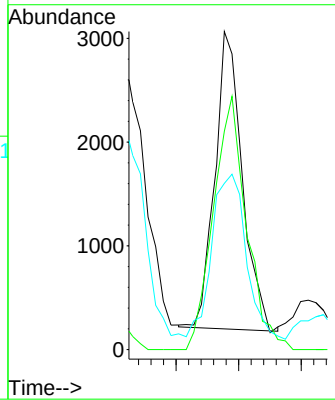
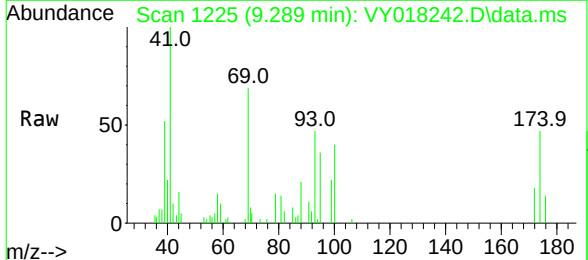
Manual Integrations
 APPROVED

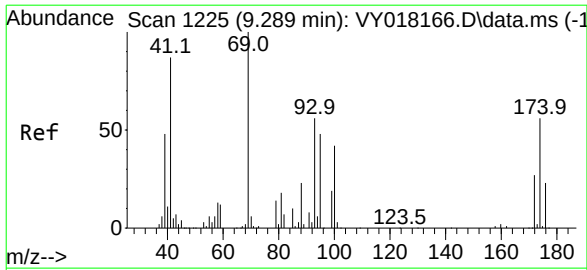
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#48
 Methyl methacrylate
 Concen: 4.221 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. -0.000 min
 Lab File: VY018242.D
 Acq: 13 May 2024 15:25

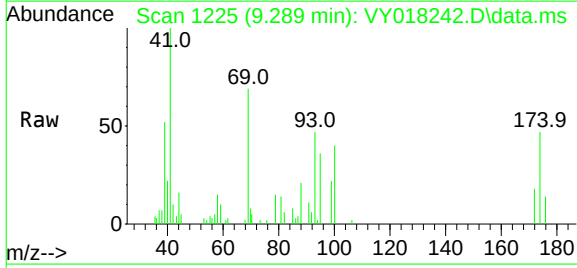
Tgt Ion:	41	Resp:	4333
Ion	Ratio	Lower	Upper
41	100		
69	103.3	84.1	126.1
39	75.6	43.6	65.4





#49
1,4-Dioxane
Concen: 109.088 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

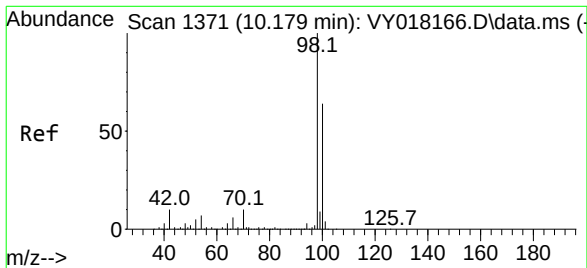
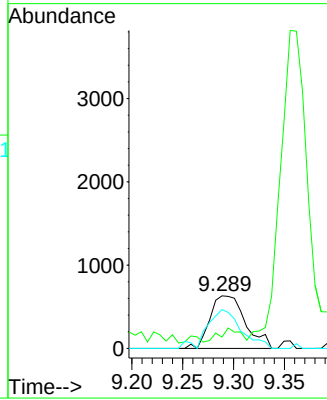
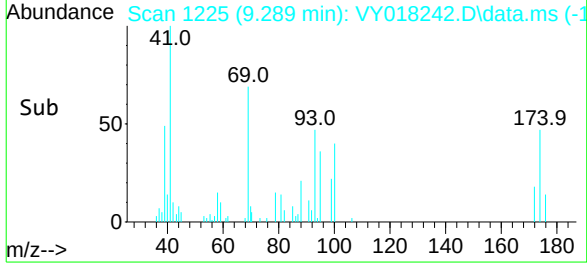
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 88 Resp: 1520
Ion Ratio Lower Upper
88 100
43 15.9 0.0 0.0#
58 71.3 49.3 73.9

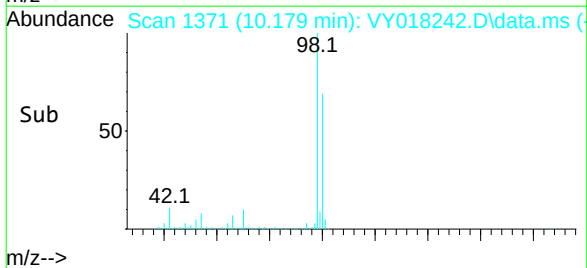
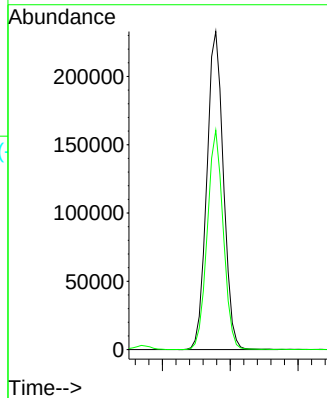
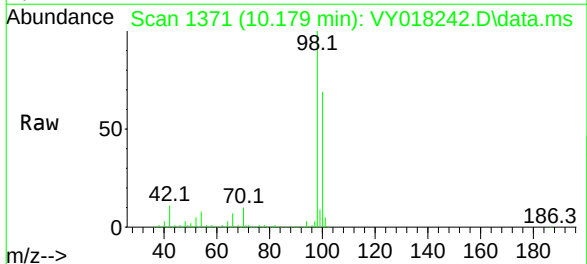
Manual Integrations
APPROVED

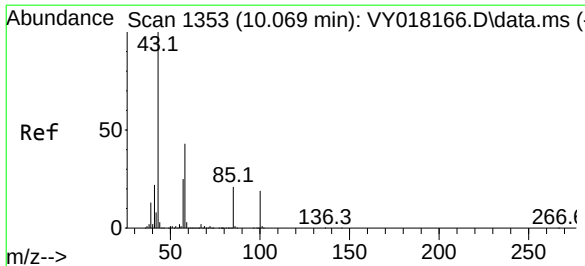
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#50
Toluene-d8
Concen: 55.450 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 98 Resp: 395770
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0





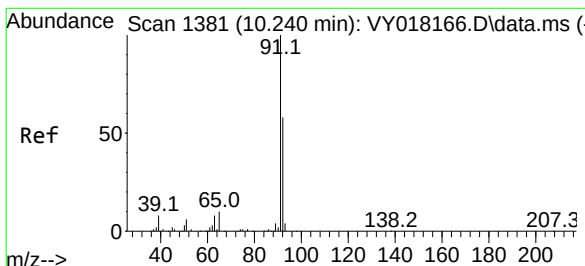
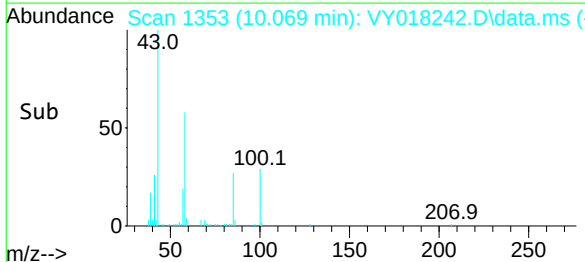
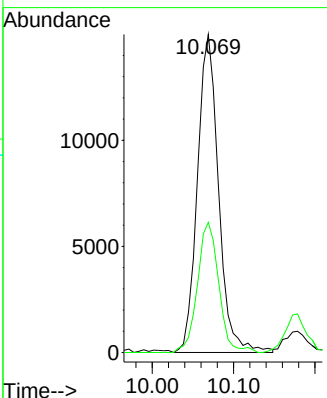
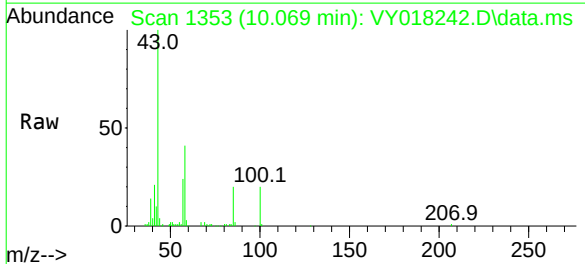
#51
4-Methyl-2-Pentanone
Concen: 24.036 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 43 Resp: 27061
Ion Ratio Lower Upper
43 100
58 41.1 35.7 53.5

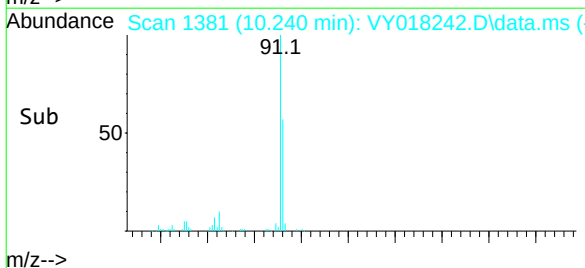
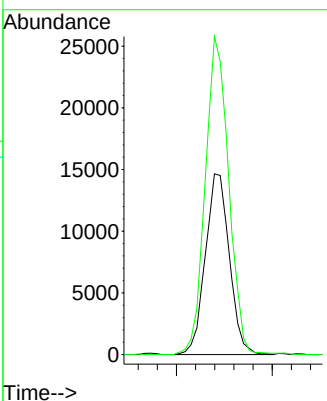
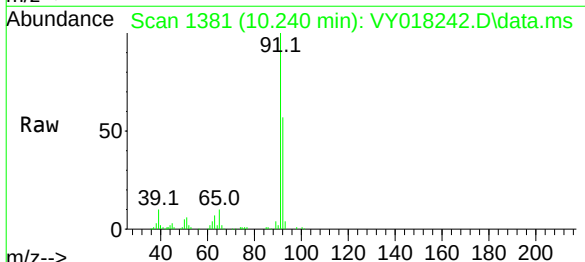
Manual Integrations
APPROVED

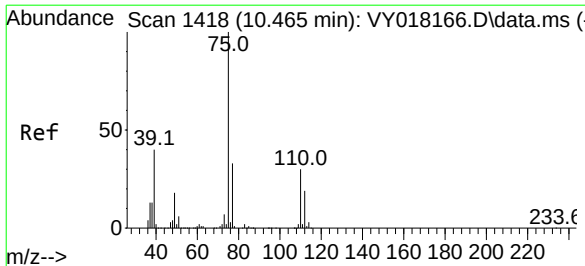
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#52
Toluene
Concen: 4.761 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

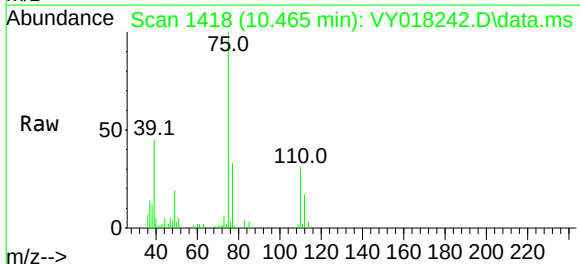
Tgt Ion: 92 Resp: 25597
Ion Ratio Lower Upper
92 100
91 171.9 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 4.459 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

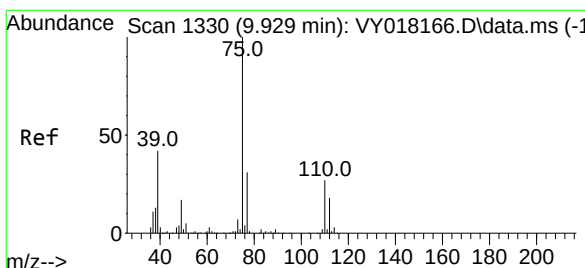
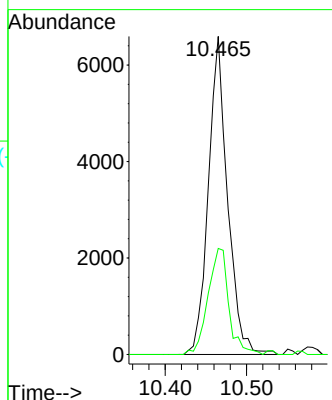
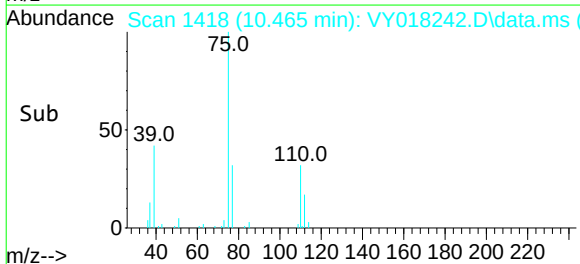
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 75 Resp: 10808
Ion Ratio Lower Upper
75 100
77 33.3 24.1 36.1

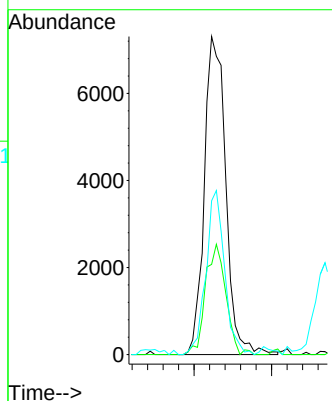
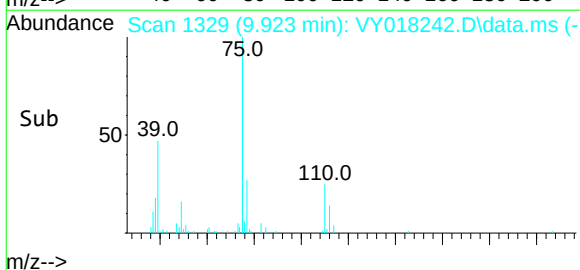
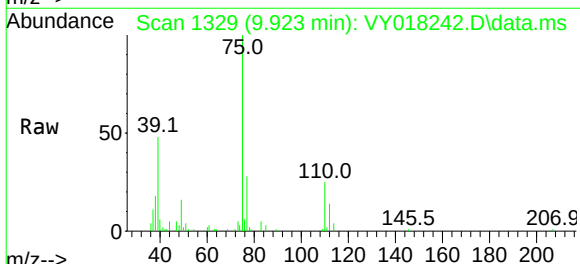
Manual Integrations
APPROVED

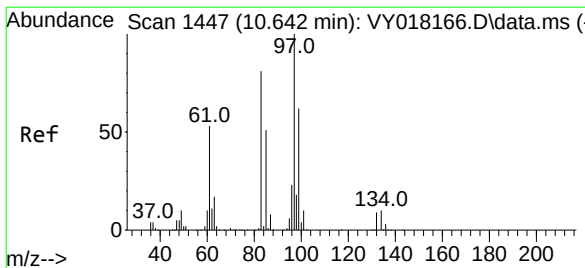
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#54
cis-1,3-Dichloropropene
Concen: 4.741 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 75 Resp: 14048
Ion Ratio Lower Upper
75 100
77 28.4 25.4 38.0
39 48.4 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 4.736 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

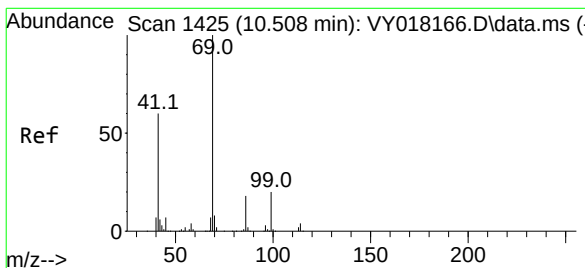
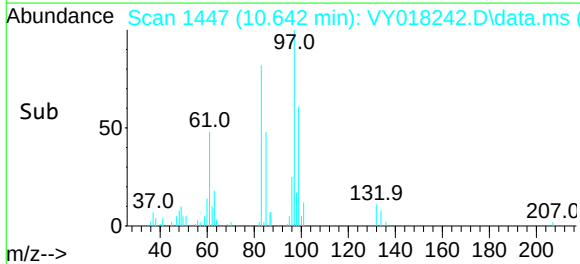
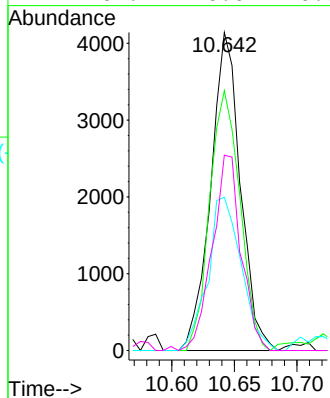
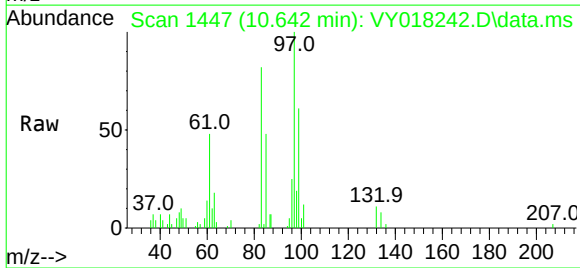
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.7	67.5	101.3
85	48.2	42.9	64.3
99	61.4	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#56

Ethyl methacrylate

Concen: 4.331 ug/l

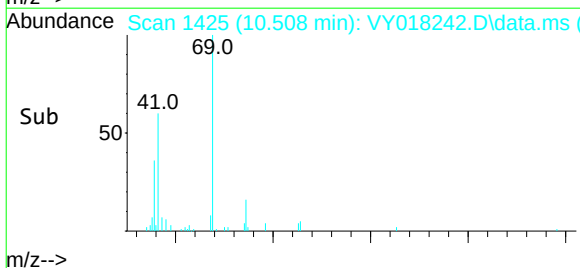
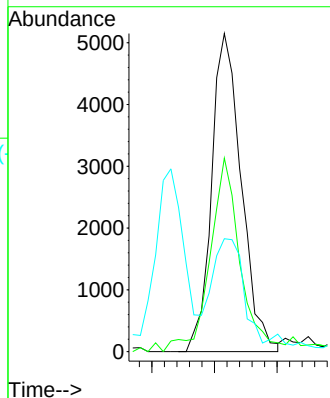
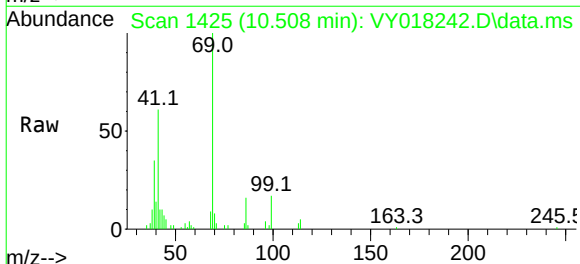
RT: 10.508 min Scan# 1425

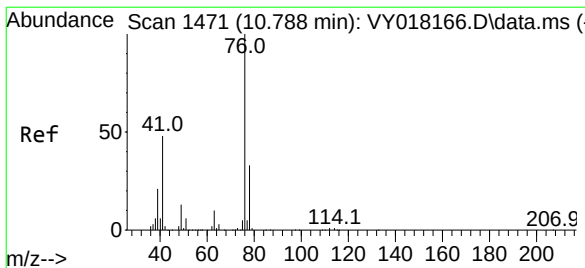
Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

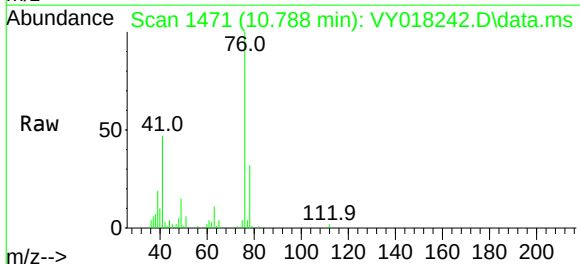
Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.3	42.3	63.5
39	31.9	22.9	34.3





#57
1,3-Dichloropropane
Concen: 4.837 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

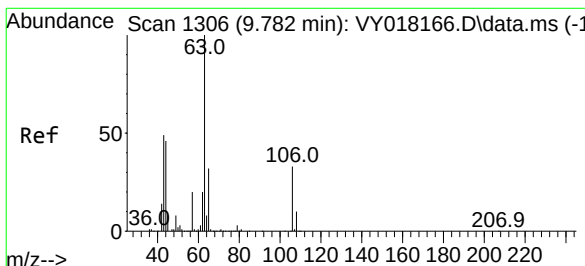
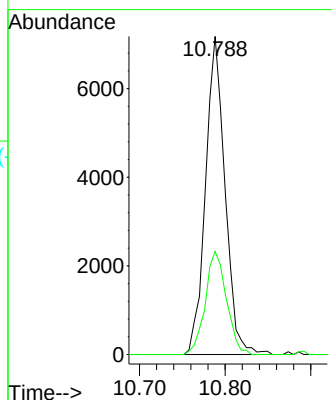
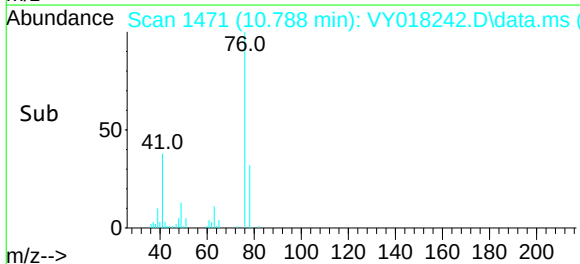
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 76 Resp: 11352
Ion Ratio Lower Upper
76 100
78 35.1 26.2 39.4

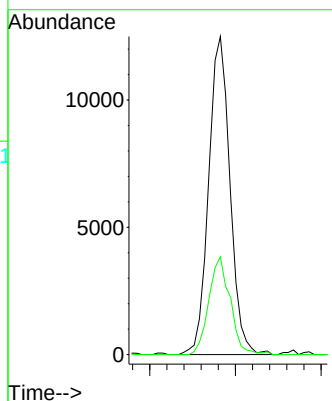
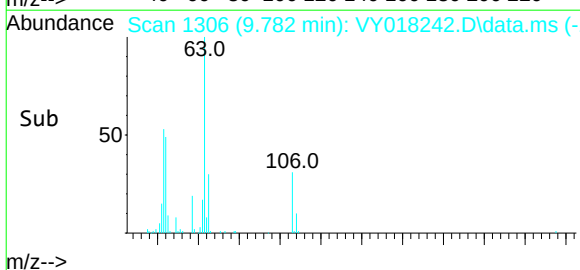
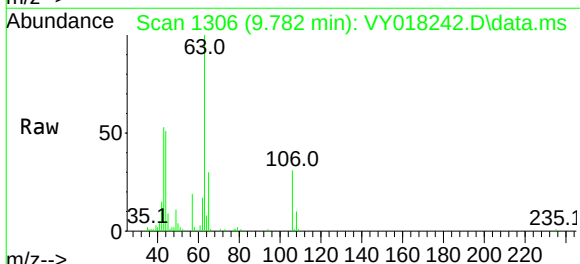
Manual Integrations
APPROVED

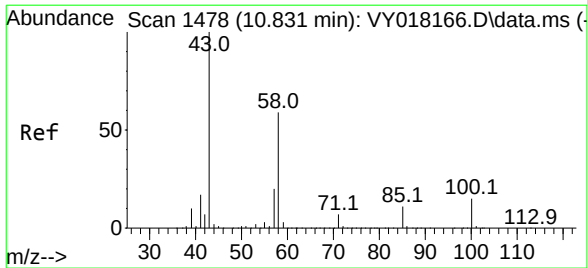
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 23.132 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion: 63 Resp: 21632
Ion Ratio Lower Upper
63 100
106 30.8 23.7 35.5





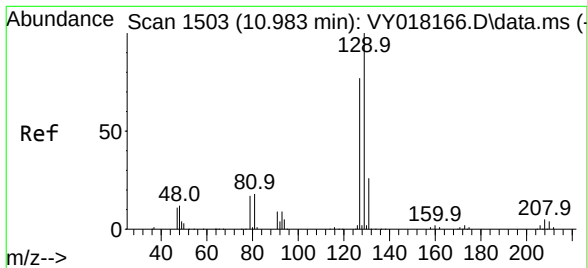
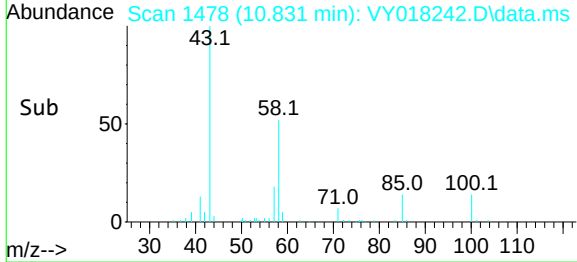
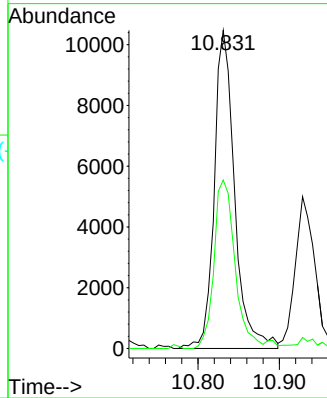
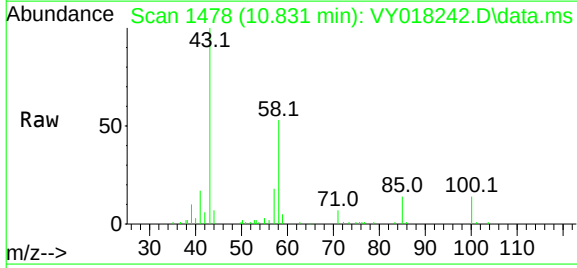
#59
2-Hexanone
Concen: 23.107 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 43 Resp: 18190
Ion Ratio Lower Upper
43 100
58 54.4 31.4 94.0

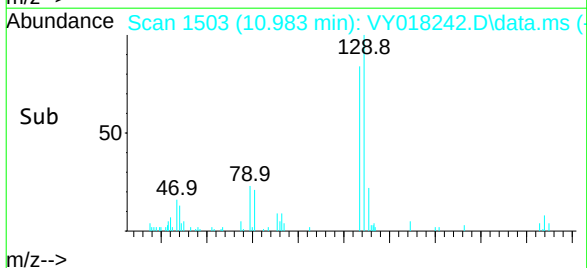
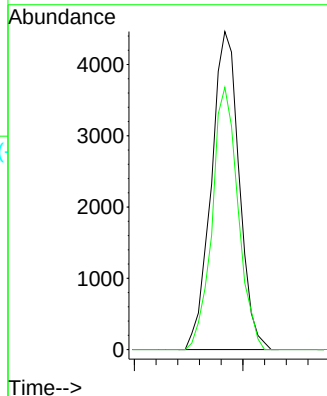
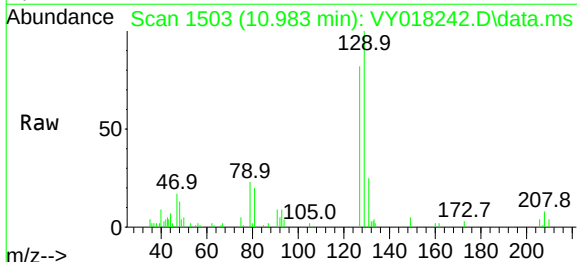
Manual Integrations
APPROVED

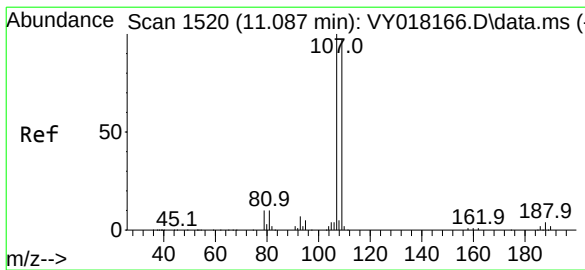
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#60
Dibromochloromethane
Concen: 4.262 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion:129 Resp: 7973
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0





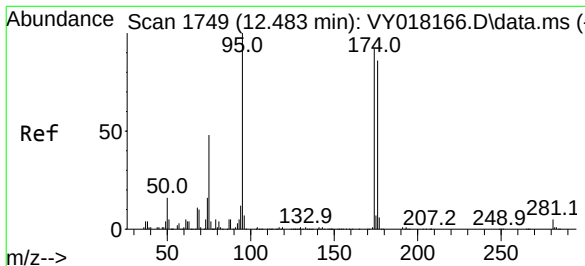
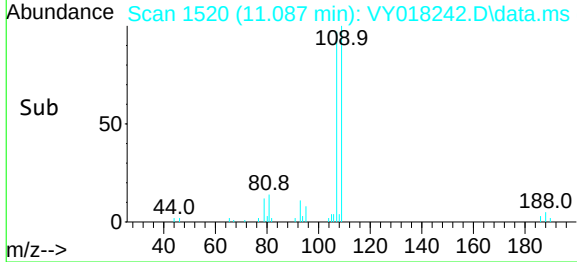
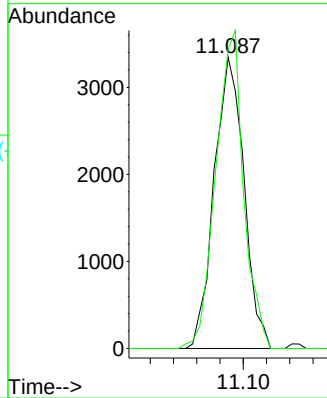
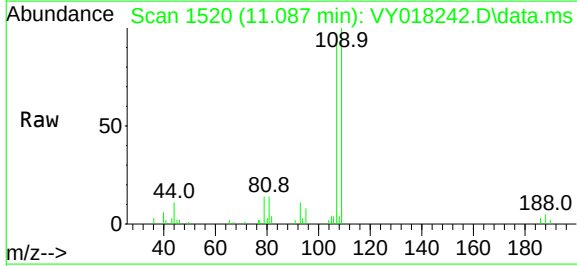
#61
1,2-Dibromoethane
Concen: 4.380 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 107 Resp: 5949
Ion Ratio Lower Upper
107 100
109 102.3 75.9 113.9

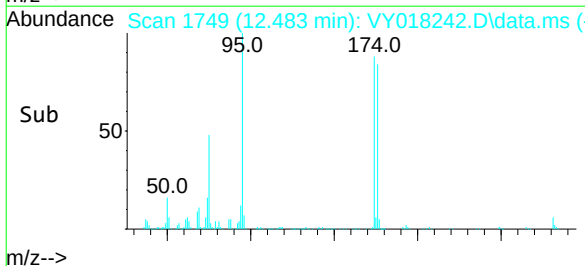
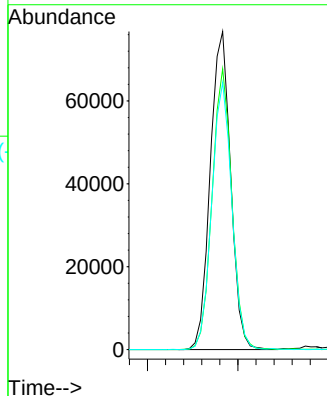
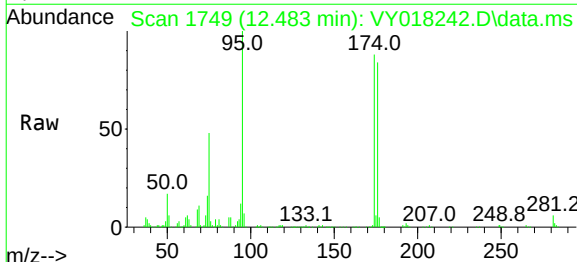
Manual Integrations
APPROVED

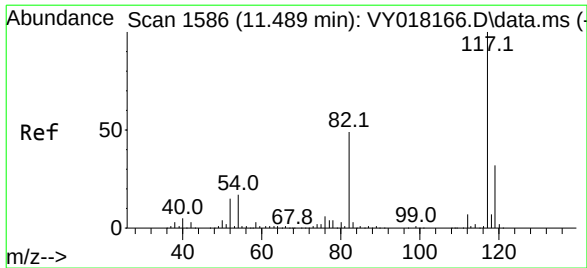
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#62
4-Bromofluorobenzene
Concen: 52.139 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

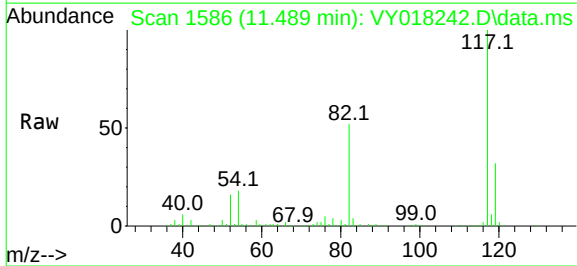
Tgt Ion: 95 Resp: 120179
Ion Ratio Lower Upper
95 100
174 85.1 0.0 175.6
176 82.5 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

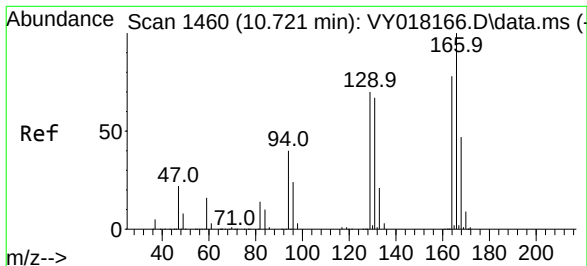
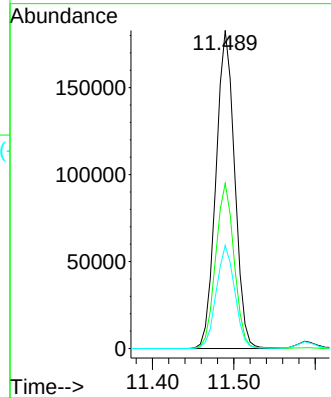
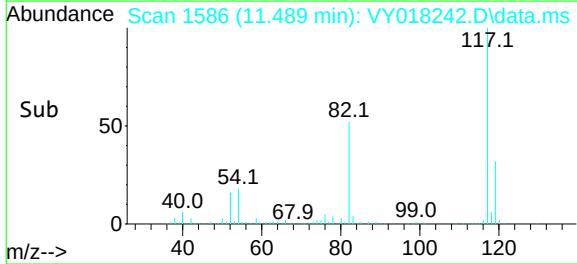
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



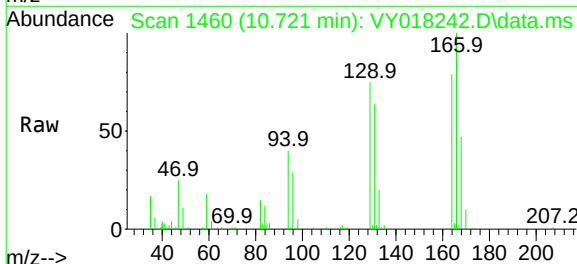
Tgt Ion:117 Resp: 292055
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.4 25.9 38.9

Manual Integrations
APPROVED

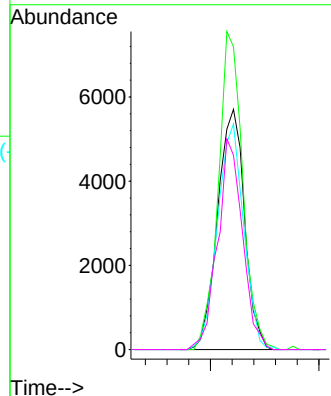
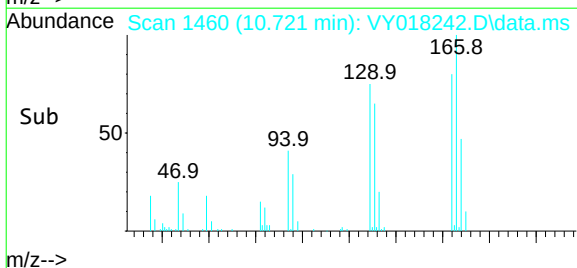
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

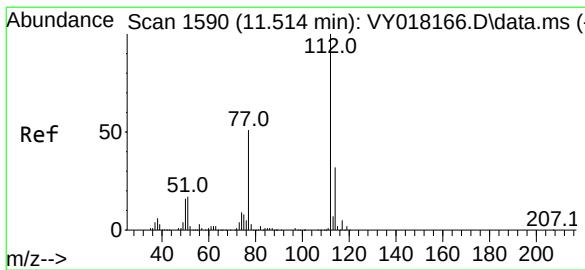


#64
Tetrachloroethene
Concen: 5.054 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25



Tgt Ion:164 Resp: 9828
Ion Ratio Lower Upper
164 100
166 126.0 102.6 154.0
129 93.9 72.0 108.0
131 80.9 70.0 105.0





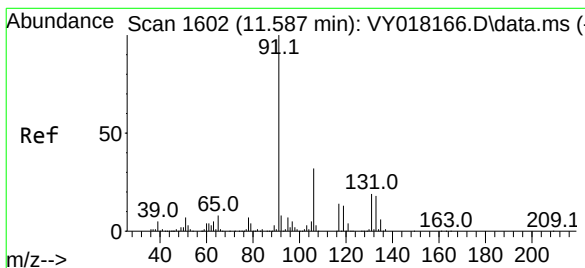
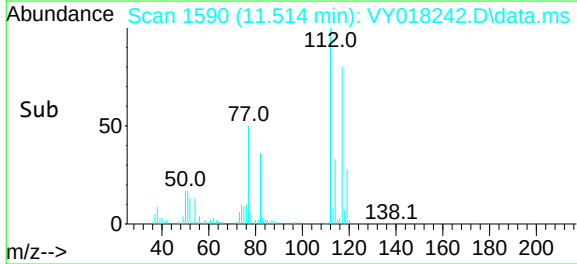
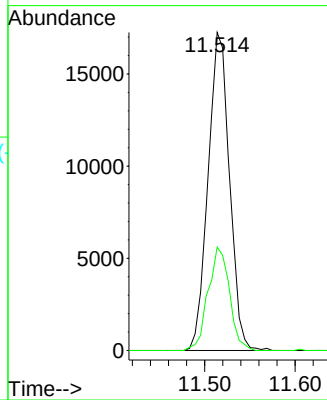
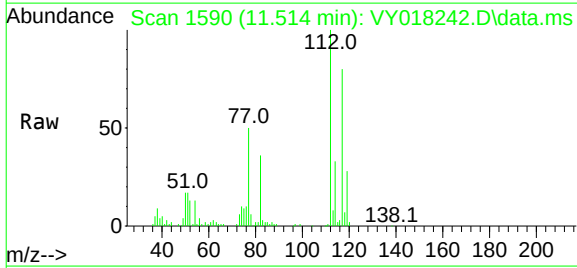
#65
Chlorobenzene
Concen: 4.778 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:112 Resp: 28421
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6

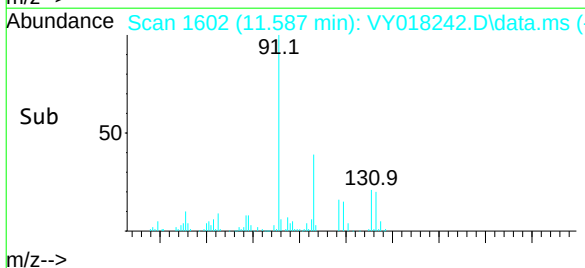
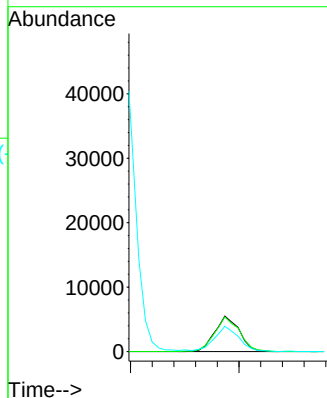
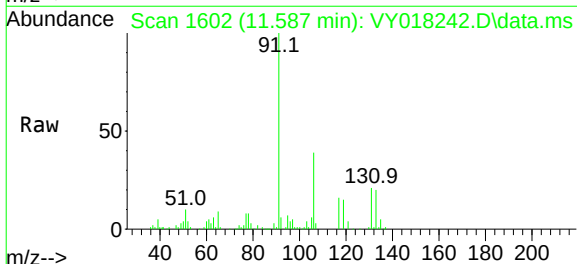
Manual Integrations
APPROVED

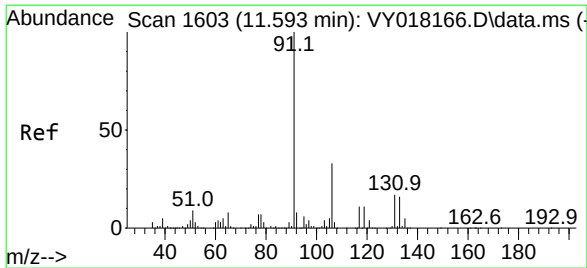
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.515 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion:131 Resp: 8687
Ion Ratio Lower Upper
131 100
133 99.2 47.8 143.3
119 70.7 34.1 102.2





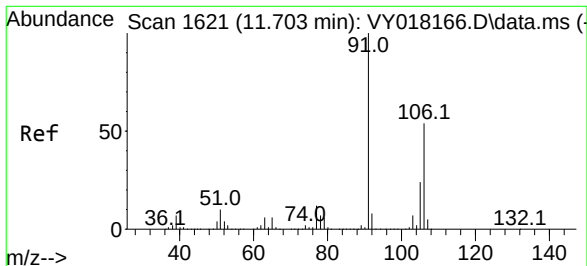
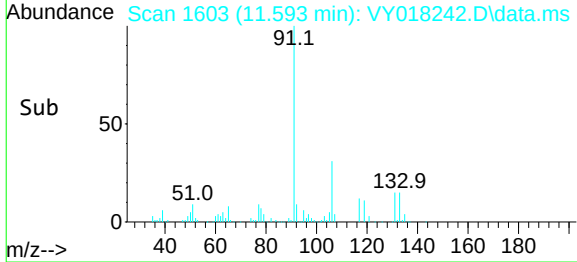
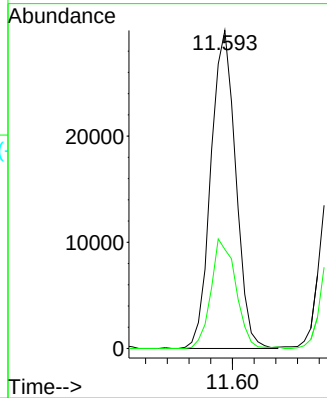
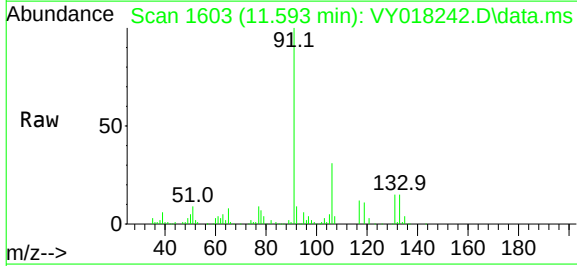
#67
Ethyl Benzene
Concen: 4.742 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 91 Resp: 47624
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7

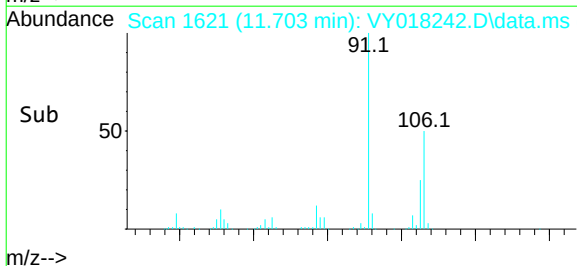
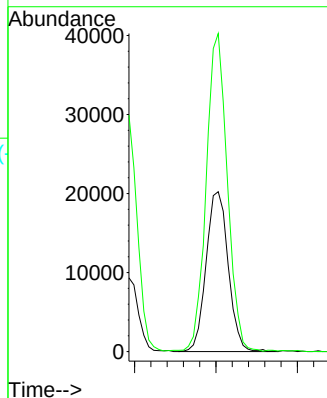
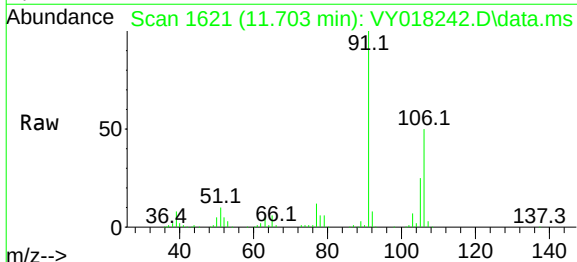
Manual Integrations
APPROVED

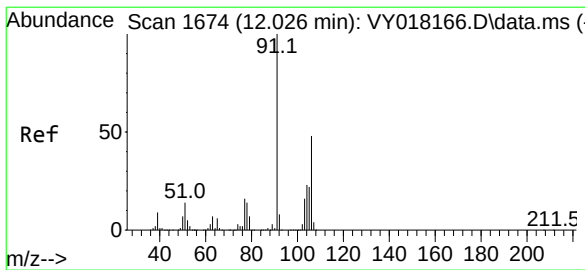
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#68
m/p-Xylenes
Concen: 9.611 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion:106 Resp: 38171
Ion Ratio Lower Upper
106 100
91 189.4 156.0 234.0





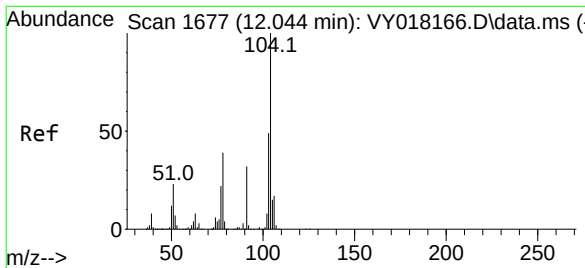
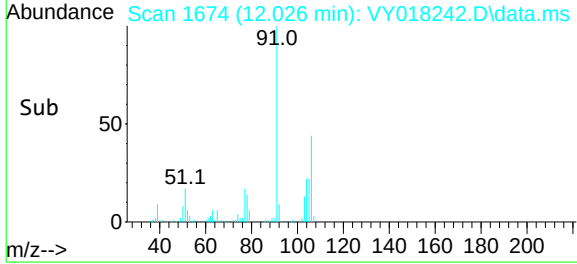
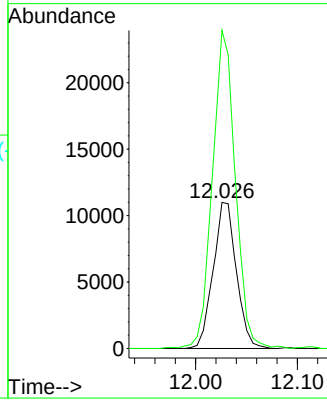
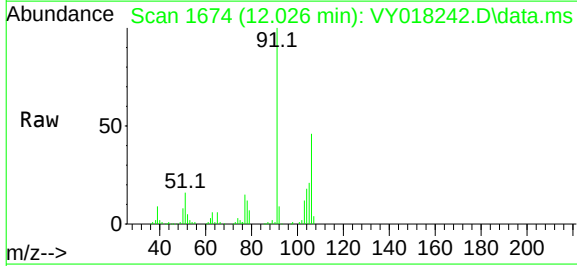
#69
o-Xylene
Concen: 4.566 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:106 Resp: 17401
Ion Ratio Lower Upper
106 100
91 215.8 103.6 310.8

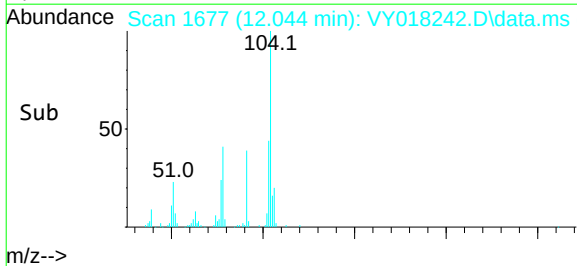
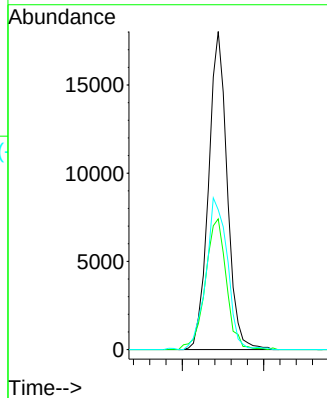
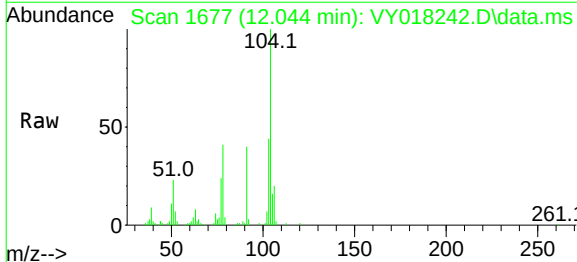
Manual Integrations
APPROVED

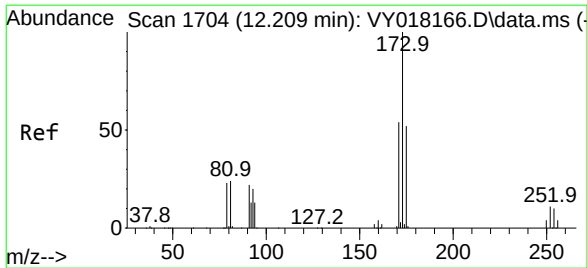
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#70
Styrene
Concen: 4.517 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion:104 Resp: 28750
Ion Ratio Lower Upper
104 100
78 46.3 37.0 55.4
103 54.1 44.2 66.2





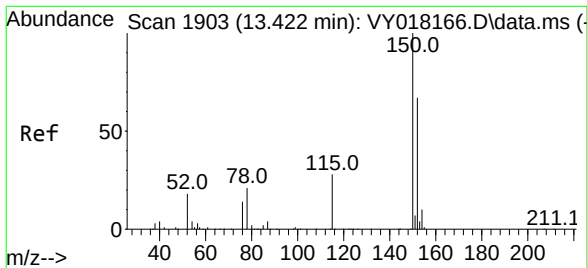
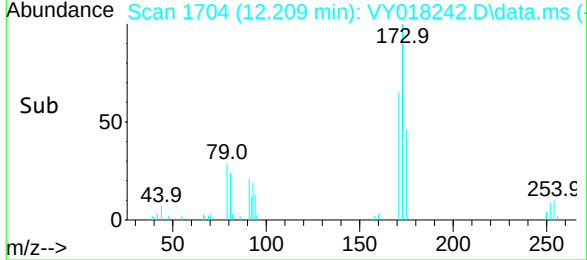
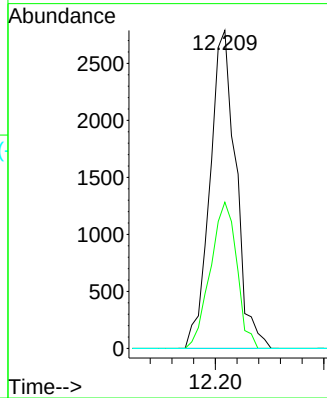
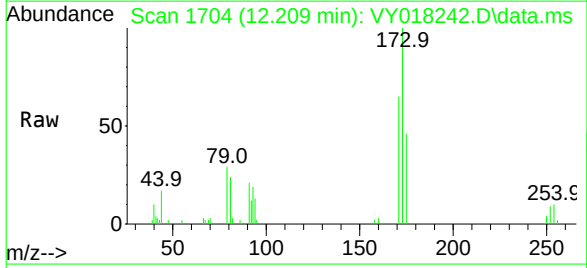
#71
Bromoform
Concen: 4.350 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	173	Resp:	4631
Ion Ratio	Lower	Upper	
173	100		
175	46.8	25.1	75.3
254	0.0	0.0	0.0

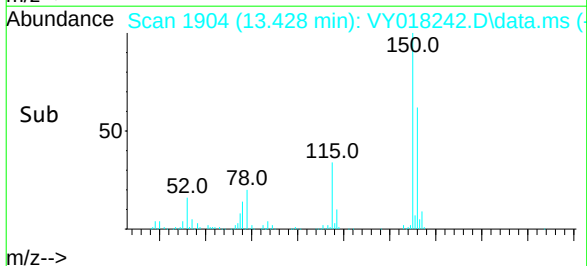
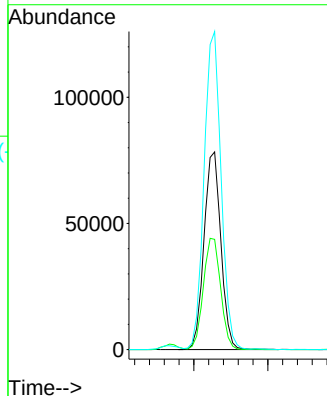
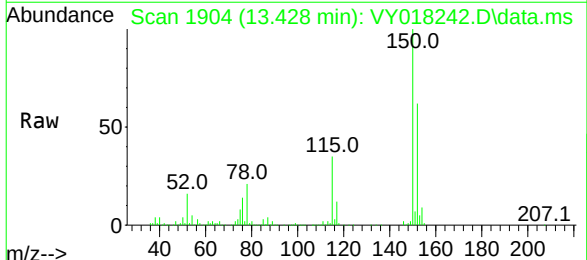
Manual Integrations
APPROVED

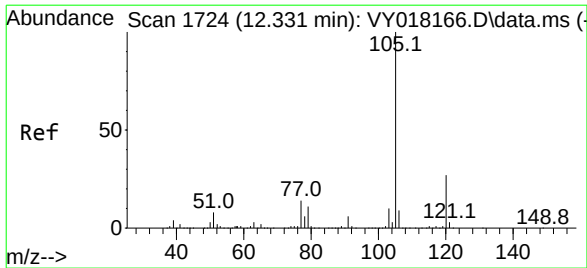
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion:	152	Resp:	124153
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.2	84.7
150	160.8	0.0	345.6





#73

Isopropylbenzene

Concen: 4.938 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

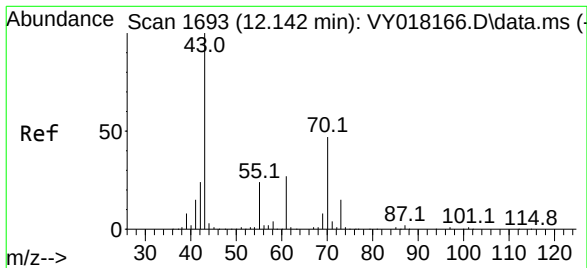
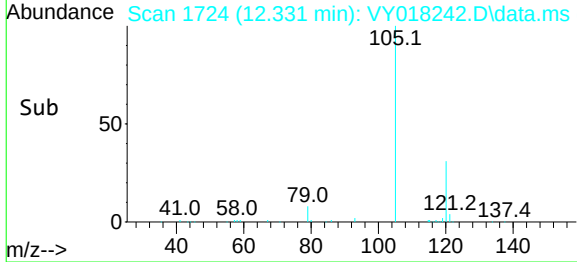
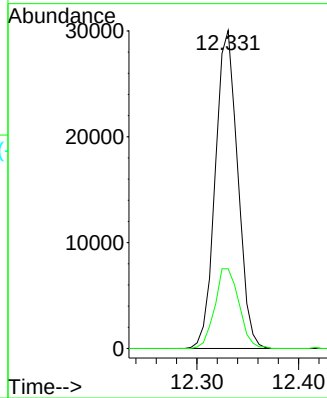
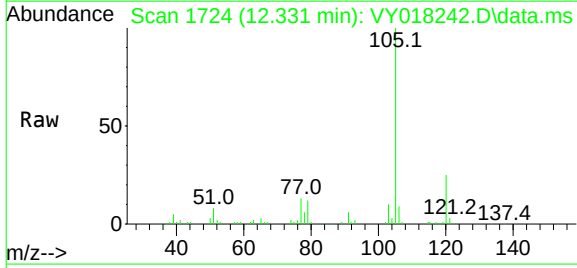
Tgt Ion:	105	Resp:	45962
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#74

N-ethyl acetate

Concen: 4.332 ug/l

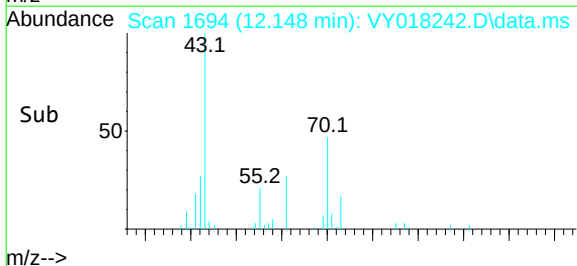
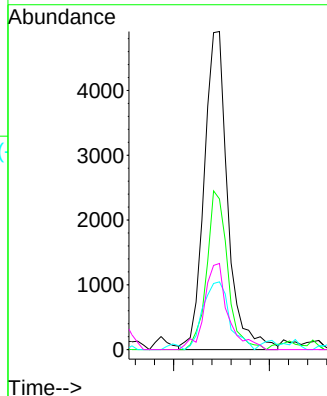
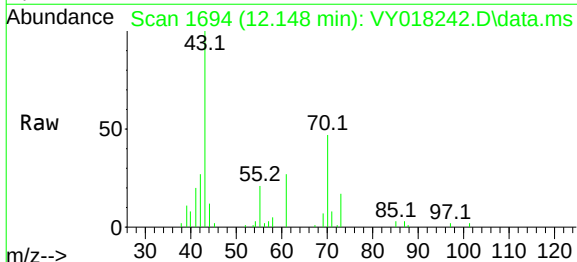
RT: 12.148 min Scan# 1694

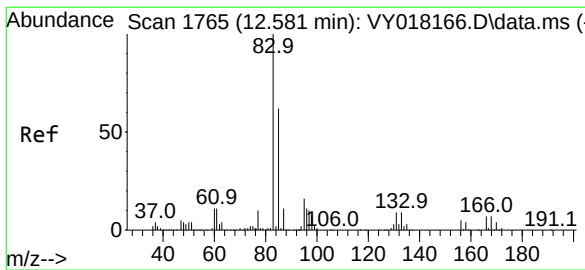
Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

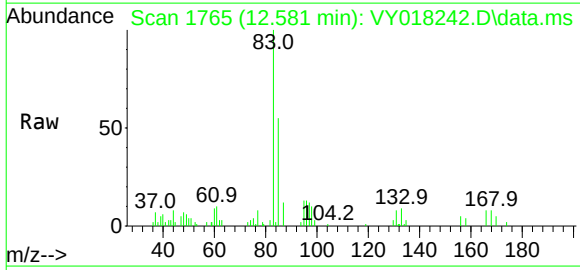
Tgt Ion:	43	Resp:	8371
Ion Ratio	Lower	Upper	
43	100		
70	44.3	41.4	62.2
55	24.0	23.3	34.9
61	27.0	22.6	33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 5.035 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

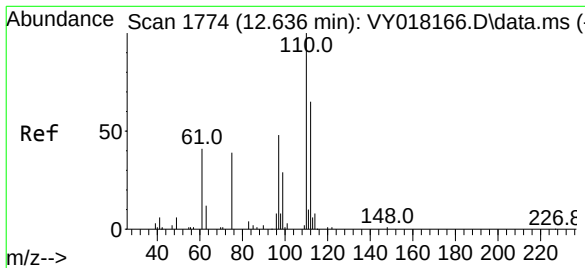
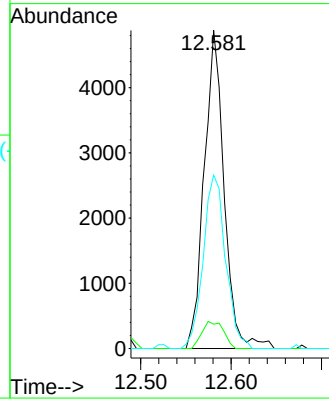
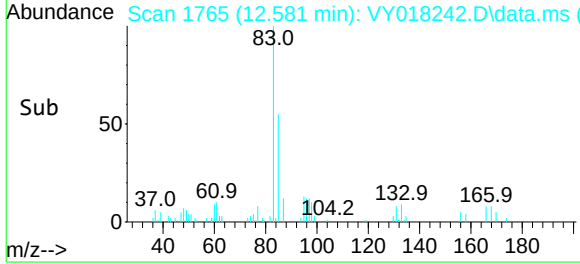
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion	83	Resp	7476
Ion Ratio	100		
131	9.2	5.0	14.9
85	61.2	32.0	96.0

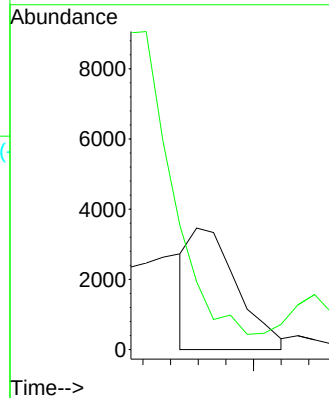
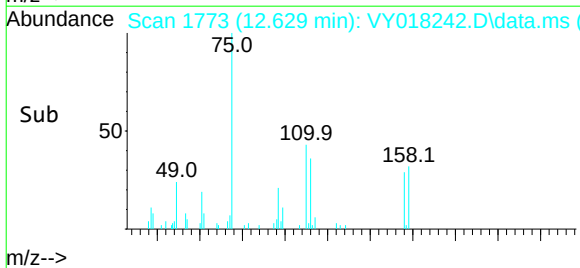
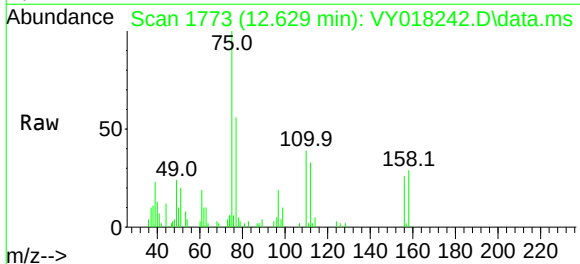
Manual Integrations
APPROVED

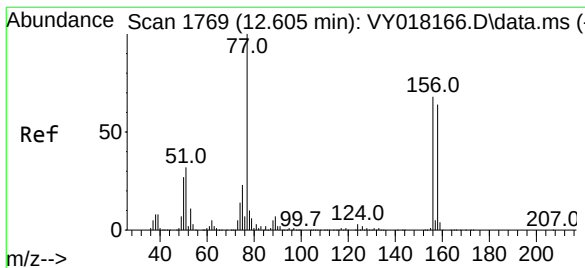
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#76
1,2,3-Trichloropropane
Concen: 4.143 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion	75	Resp	4117
Ion Ratio	100		
77	403.6	0.0	0.0#





#77

Bromobenzene

Concen: 4.721 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

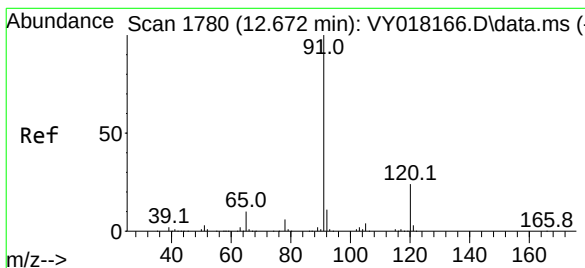
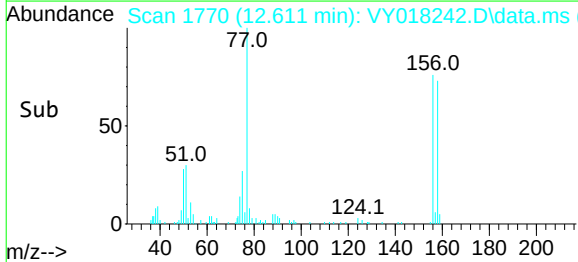
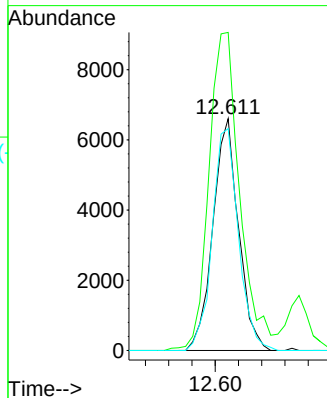
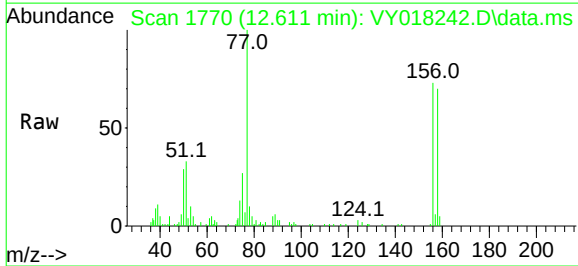
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	156	Resp:	10095
Ion Ratio	Lower	Upper	
156	100		
77	164.6	87.1	261.3
158	97.9	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#78

n-propylbenzene

Concen: 4.895 ug/l

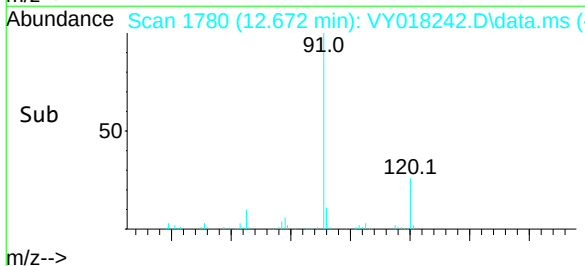
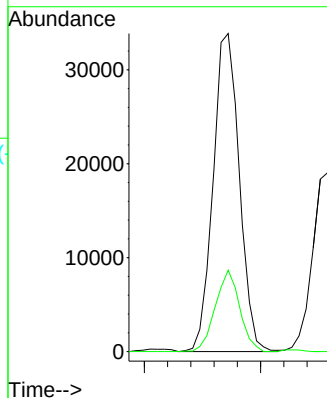
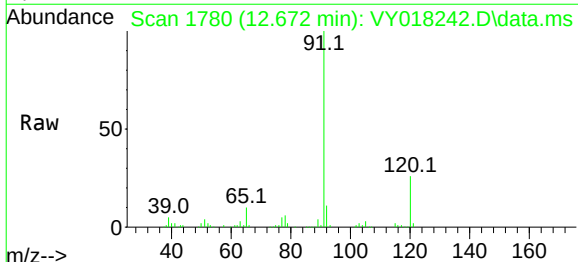
RT: 12.672 min Scan# 1780

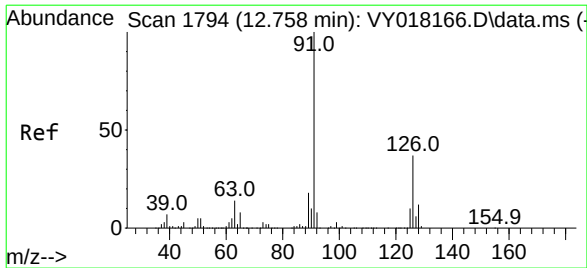
Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt Ion:	91	Resp:	52996
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 4.925 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 91 Resp: 29633

Ion Ratio Lower Upper

91 100

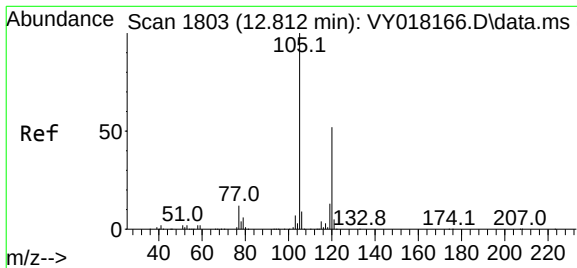
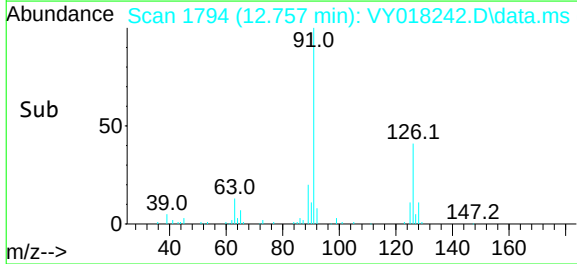
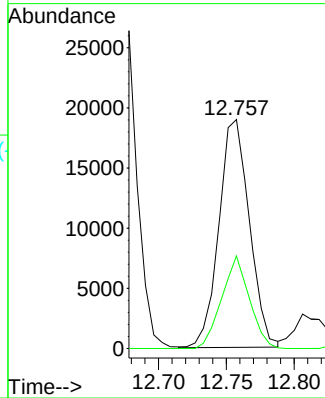
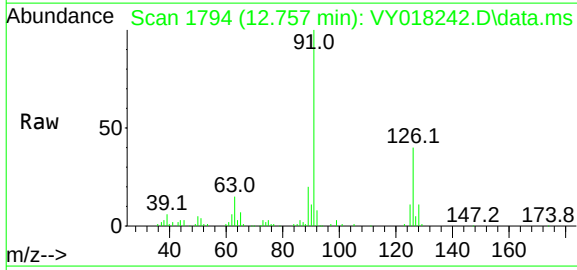
126 36.8 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 4.869 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY018242.D

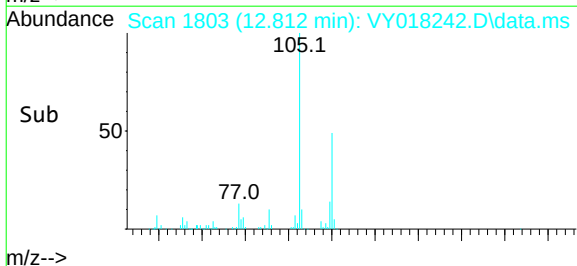
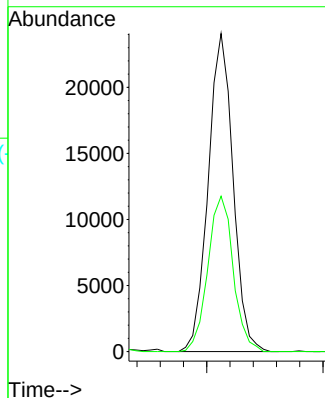
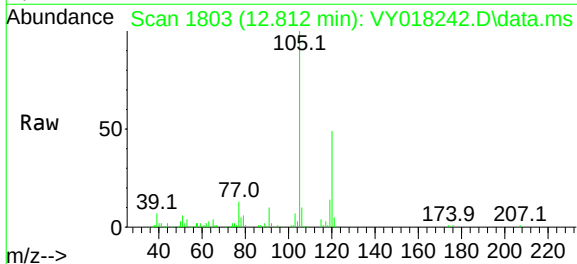
Acq: 13 May 2024 15:25

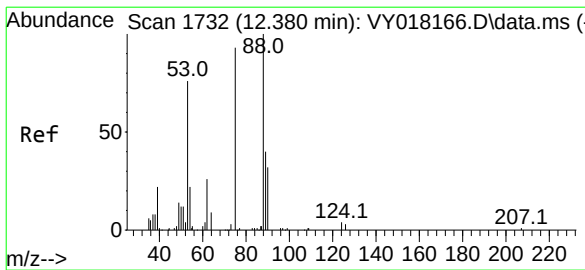
Tgt Ion:105 Resp: 35740

Ion Ratio Lower Upper

105 100

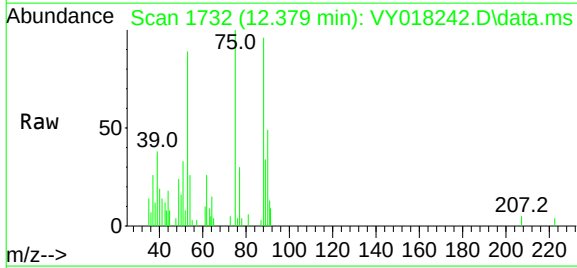
120 49.9 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.537 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

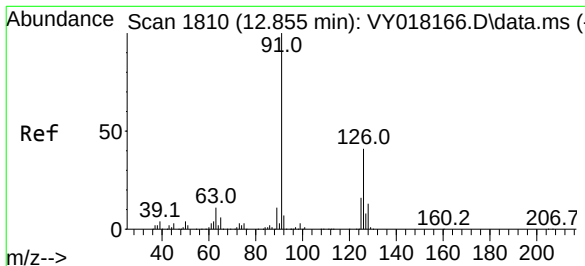
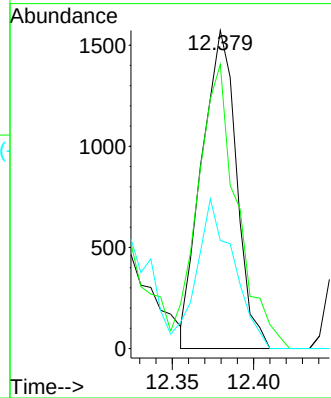
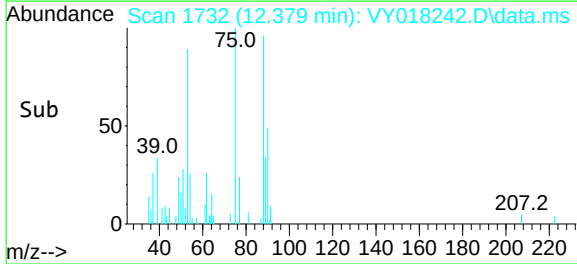
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



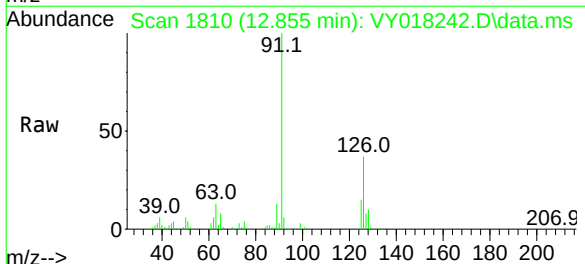
Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.1	66.8	100.2
89	49.7	35.8	53.6

Manual Integrations
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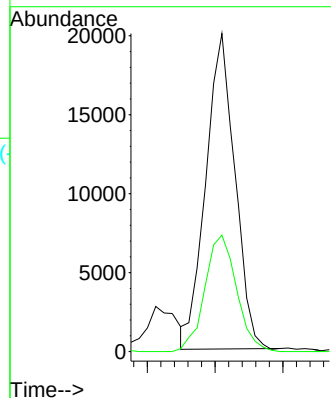
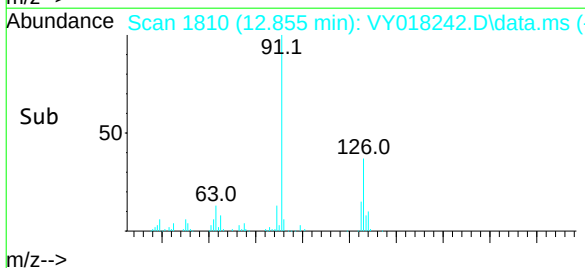
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

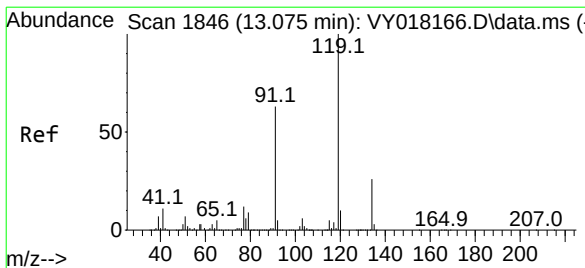


#82
4-Chlorotoluene
Concen: 4.934 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25



Tgt Ion	Ratio	Lower	Upper
91	100		
126	40.2	17.6	52.9





#83

tert-Butylbenzene

Concen: 4.916 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

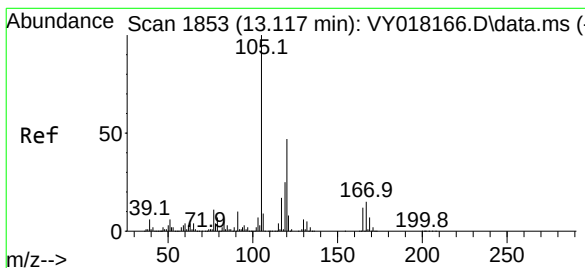
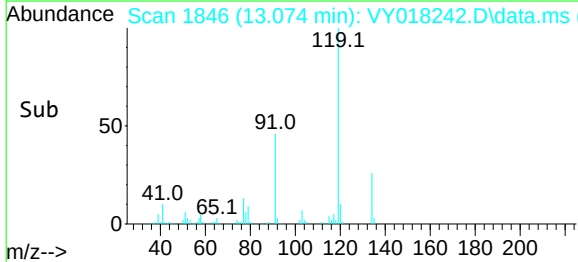
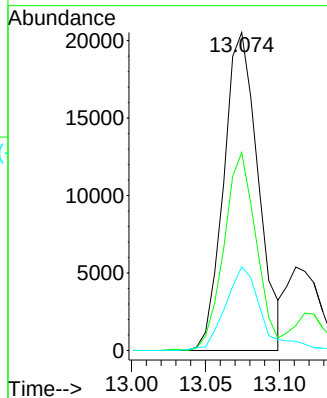
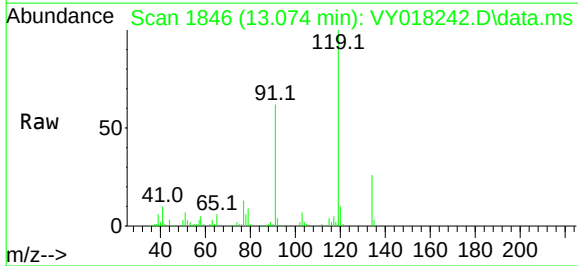
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	119	Resp:	33283
Ion Ratio	Lower	Upper	
119	100		
91	58.2	31.3	93.8
134	27.6	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#84

1,2,4-Trimethylbenzene

Concen: 4.781 ug/l

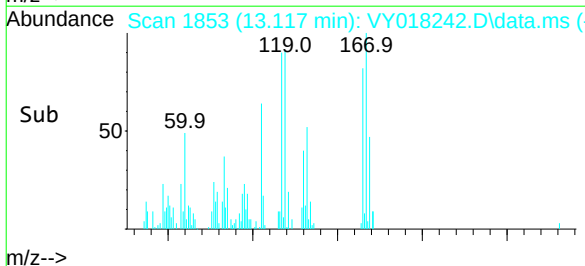
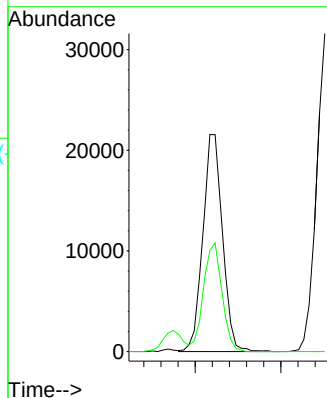
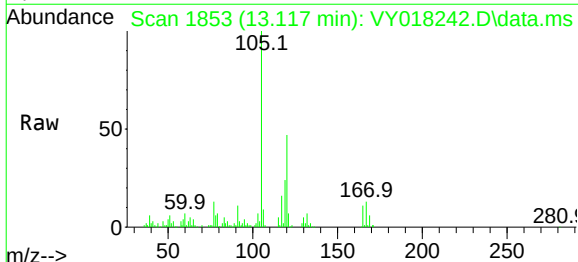
RT: 13.117 min Scan# 1853

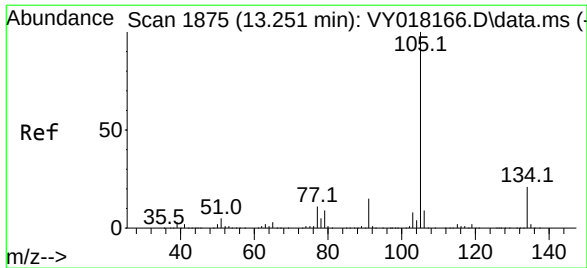
Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt Ion:	105	Resp:	34378
Ion Ratio	Lower	Upper	
105	100		
120	47.2	23.2	69.6





#85

sec-Butylbenzene

Concen: 4.786 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

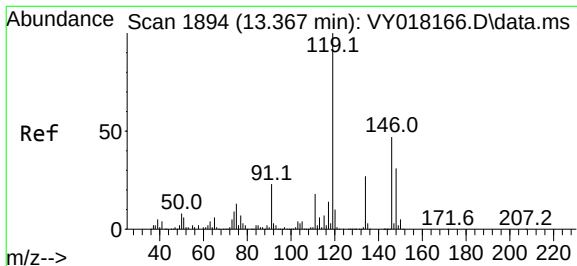
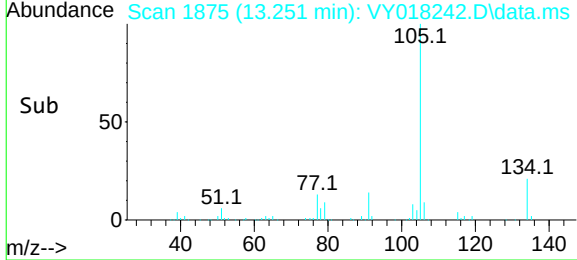
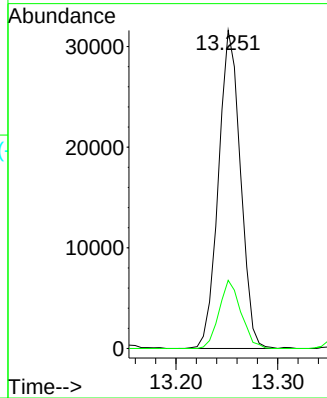
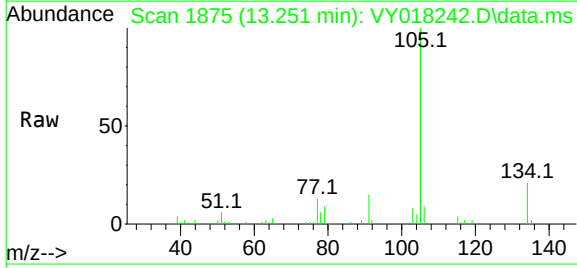
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:105 Resp: 47533
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#86

p-Isopropyltoluene

Concen: 4.838 ug/l

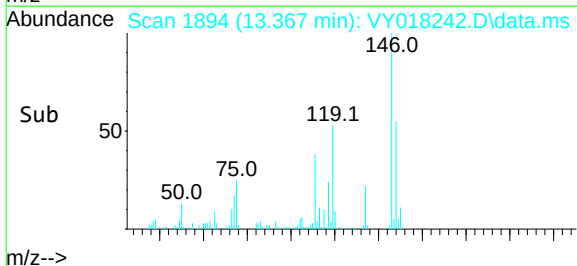
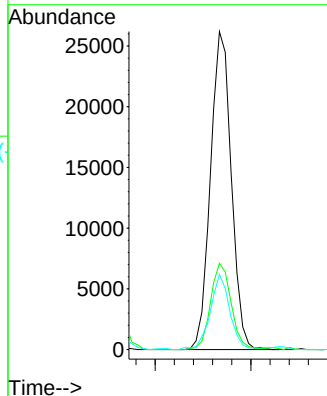
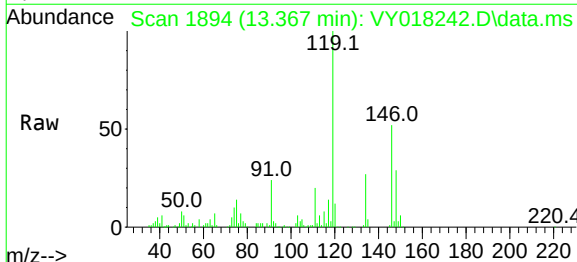
RT: 13.367 min Scan# 1894

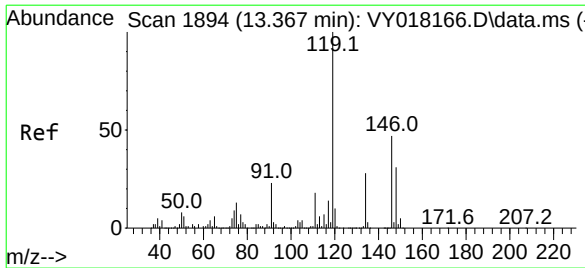
Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt Ion:119 Resp: 39526
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.3 10.7 32.1





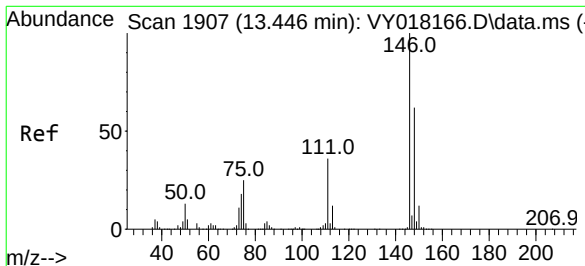
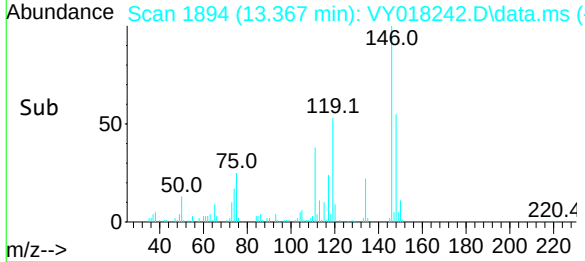
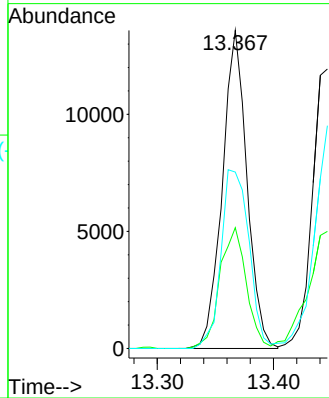
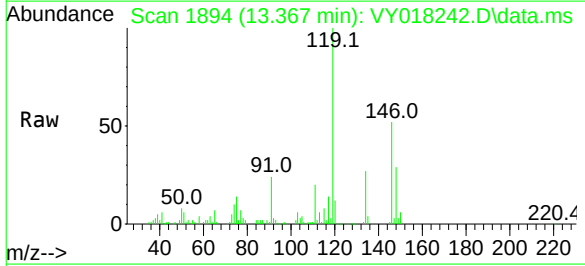
#87
1,3-Dichlorobenzene
Concen: 4.835 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt	Ion:146	Resp:	19969
Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.0	57.0
148	63.6	31.7	95.1

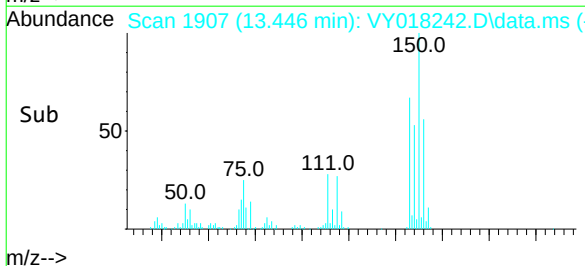
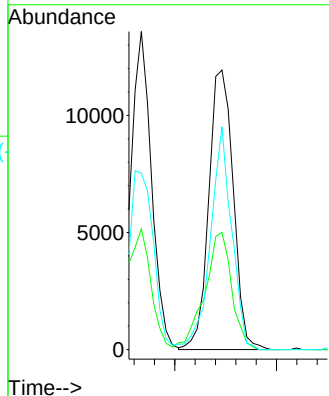
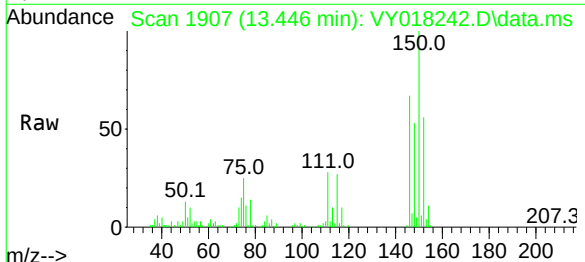
Manual Integrations
APPROVED

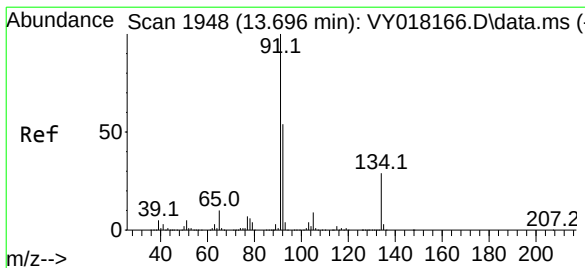
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#88
1,4-Dichlorobenzene
Concen: 4.955 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt	Ion:146	Resp:	19949
Ion	Ratio	Lower	Upper
146	100		
111	46.4	18.4	55.4
148	69.2	32.4	97.2





#89

n-Butylbenzene

Concen: 4.788 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

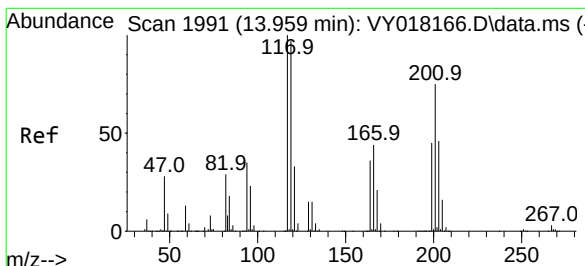
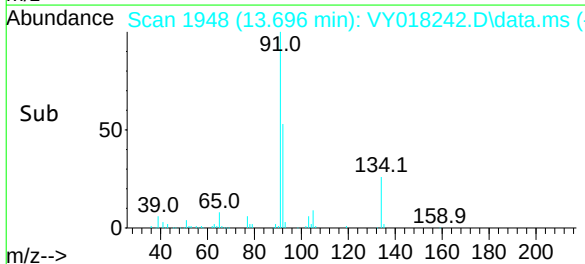
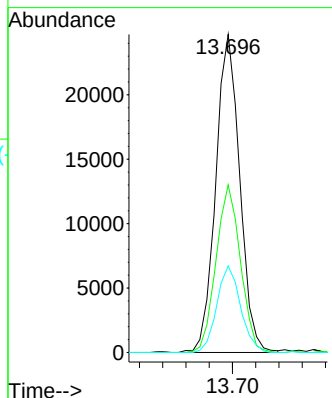
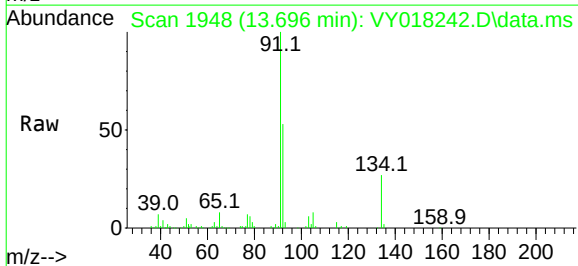
LOD-MDL-SOIL-01-QT2-2024

Tgt	Ion:	91	Resp:	35398
Ion	Ratio	Lower	Upper	
91	100			
92	53.4	26.6	79.7	
134	26.9	12.9	38.7	

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#90

Hexachloroethane

Concen: 4.447 ug/l

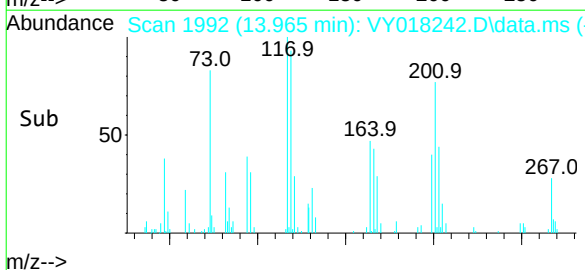
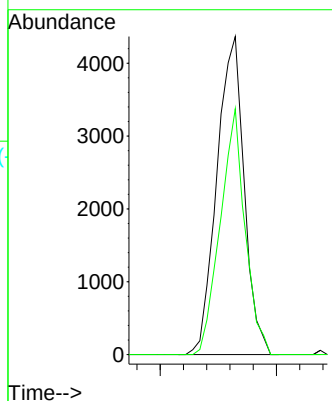
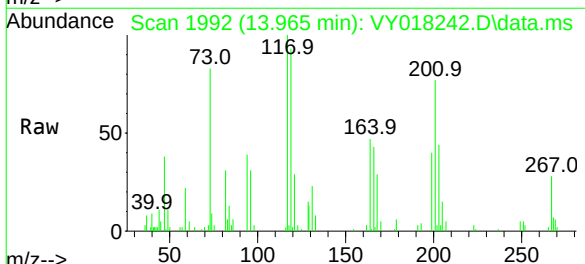
RT: 13.965 min Scan# 1992

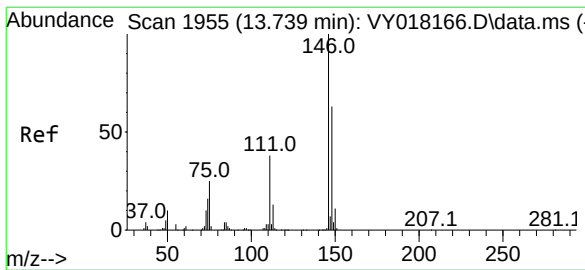
Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt	Ion:	117	Resp:	7128
Ion	Ratio	Lower	Upper	
117	100			
201	70.3	37.4	112.2	





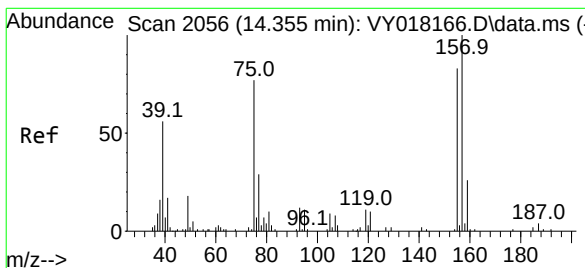
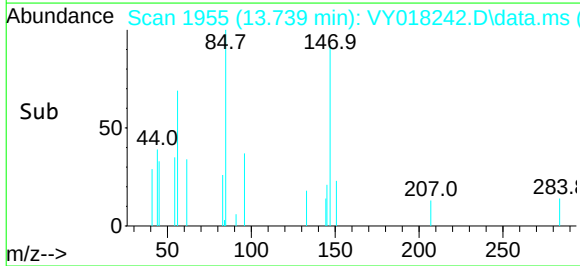
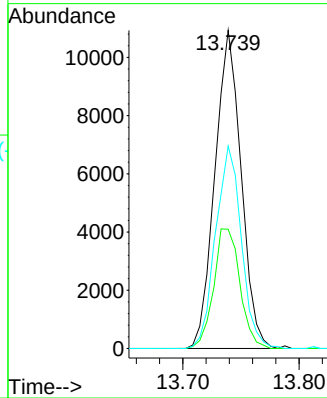
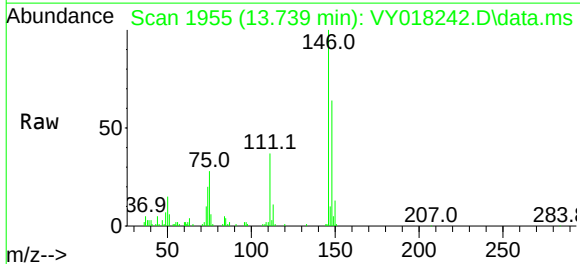
#91
1,2-Dichlorobenzene
Concen: 4.818 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	146	Resp:	17101
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.9	59.7
148	62.6	31.8	95.4

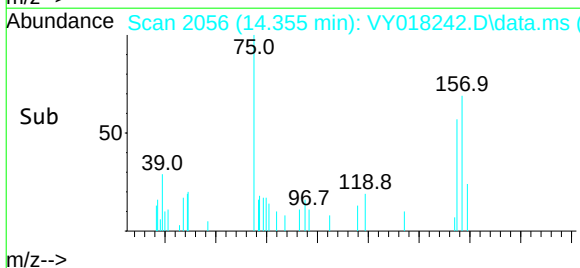
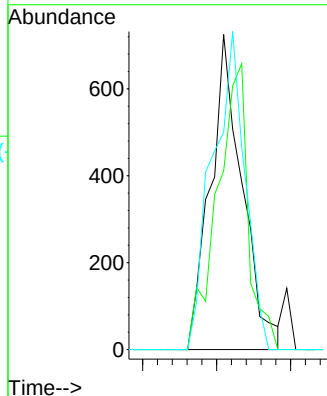
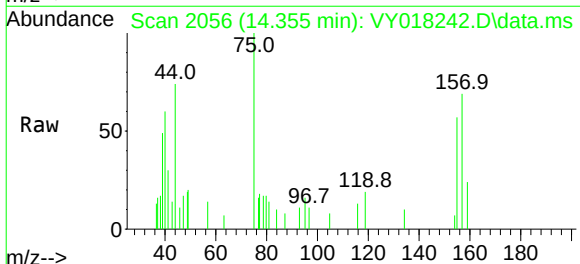
Manual Integrations
APPROVED

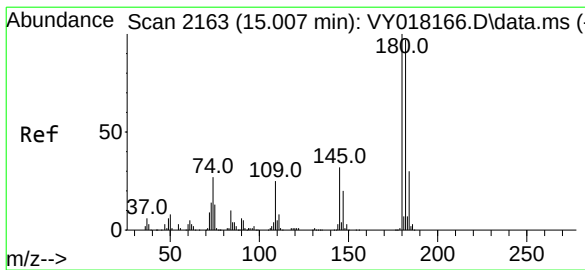
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.371 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY018242.D
Acq: 13 May 2024 15:25

Tgt Ion:	75	Resp:	1086
Ion Ratio	Lower	Upper	
75	100		
155	87.8	48.6	145.8
157	103.0	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 4.257 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

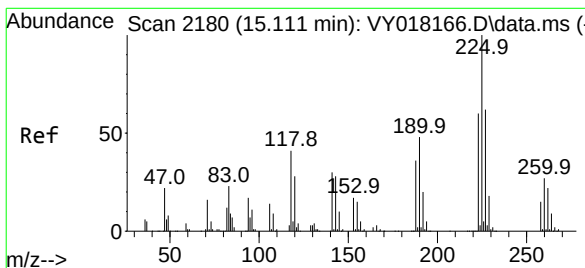
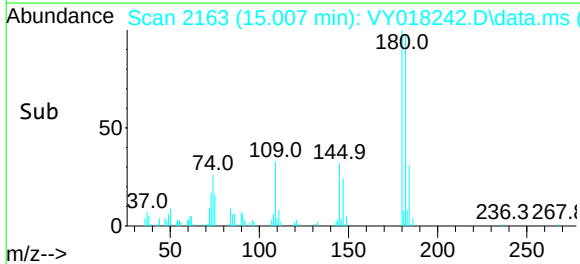
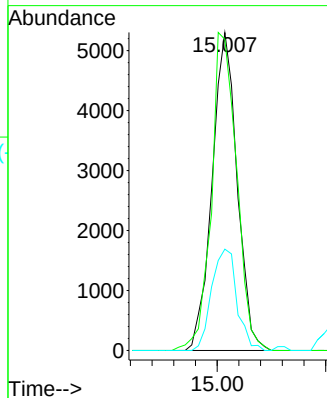
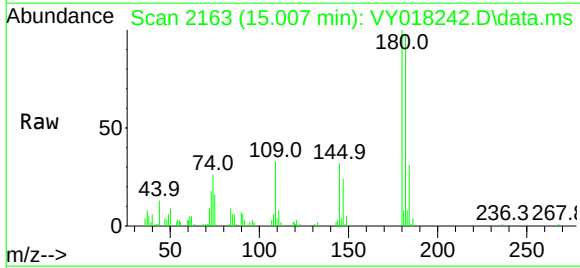
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	180	Resp:	8494
Ion Ratio	Lower	Upper	
180	100		
182	100.7	47.9	143.8
145	32.2	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#94

Hexachlorobutadiene

Concen: 4.489 ug/l

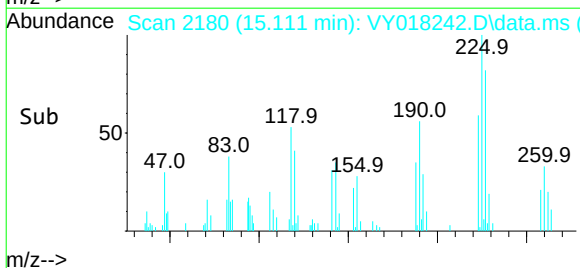
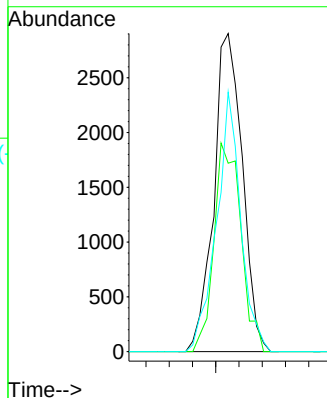
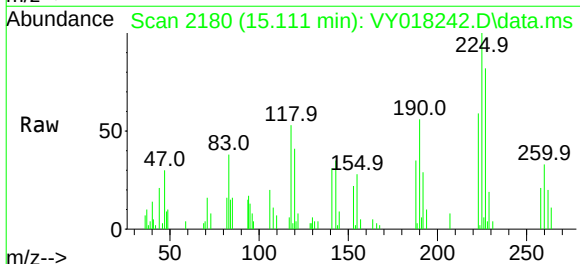
RT: 15.111 min Scan# 2180

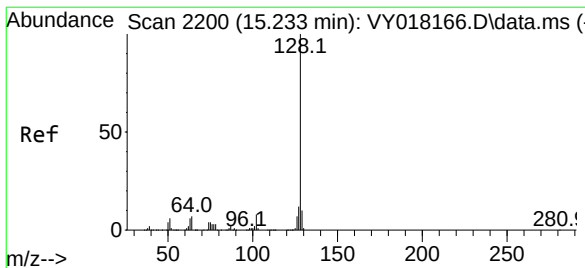
Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt Ion:	225	Resp:	4943
Ion Ratio	Lower	Upper	
225	100		
223	61.9	30.4	91.2
227	69.3	31.9	95.9





#95

Naphthalene

Concen: 4.054 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Instrument :

MSVOA_Y

ClientSampleId :

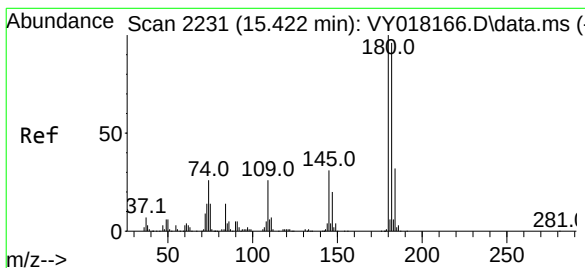
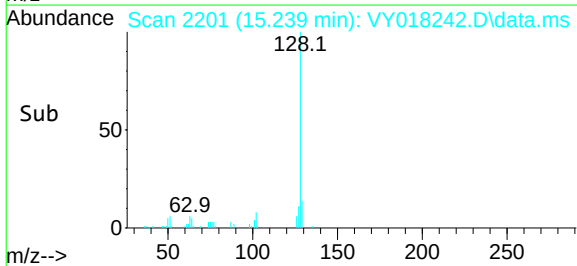
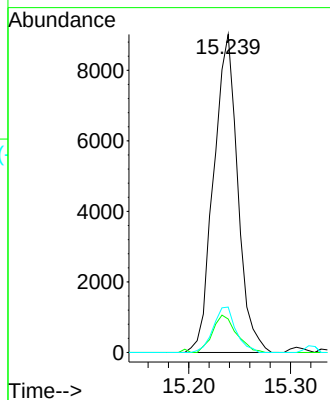
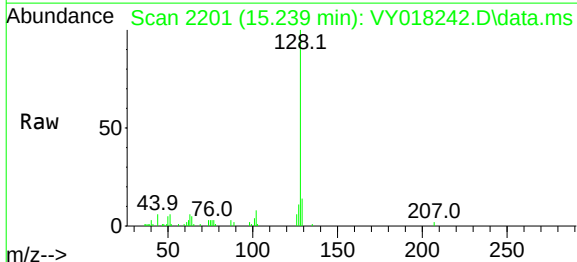
LOD-MDL-SOIL-01-QT2-2024

Tgt	Ion:128	Resp:	14825
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.6	16.0
129	13.5	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.205 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY018242.D

Acq: 13 May 2024 15:25

Tgt	Ion:180	Resp:	6887
Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.6	142.9
145	35.9	15.4	46.1

