

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018256.D
 Acq On : 14 May 2024 14:24
 Operator : SY/MD
 Sample : P2403-01 4PPB
 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 15 05:18:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:17:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	191041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	323697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71308	50.738	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.480%			
35) Dibromofluoromethane	7.710	113	84986	49.957	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.920%			
50) Toluene-d8	10.179	98	355908	53.091	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.180%			
62) 4-Bromofluorobenzene	12.477	95	101342	46.811	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	8292	5.473	ug/l	90
3) Chloromethane	2.113	50	11694	5.766	ug/l	95
4) Vinyl Chloride	2.241	62	14427	5.868	ug/l	98
5) Bromomethane	2.650	94	10202	5.975	ug/l	87
6) Chloroethane	2.790	64	9396	6.022	ug/l	98
7) Trichlorofluoromethane	3.125	101	15583	5.411	ug/l	96
8) Diethyl Ether	3.521	74	4324	4.561	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	9895	5.392	ug/l	99
10) Methyl Iodide	4.082	142	8781	4.097	ug/l #	97
11) Tert butyl alcohol	4.936	59	6595	46.946	ug/l #	97
12) 1,1-Dichloroethene	3.857	96	9487	5.135	ug/l #	78
13) Acrolein	3.710	56	3612	23.842	ug/l	99
14) Allyl chloride	4.466	41	12332	5.247	ug/l	98
15) Acrylonitrile	5.149	53	7371	20.219	ug/l	94
16) Acetone	3.930	43	8939	31.872	ug/l #	73
17) Carbon Disulfide	4.186	76	27902	5.547	ug/l	96
18) Methyl Acetate	4.479	43	4272	5.347	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	18182	4.418	ug/l	96
20) Methylene Chloride	4.698	84	20702	10.443	ug/l	86
21) trans-1,2-Dichloroethene	5.204	96	10102	5.158	ug/l	91
22) Diisopropyl ether	6.112	45	24046	4.823	ug/l	96
23) Vinyl Acetate	6.058	43	64359	21.238	ug/l	95
24) 1,1-Dichloroethane	6.009	63	15560	5.067	ug/l	97
25) 2-Butanone	6.978	43	9475	21.134	ug/l	96
26) 2,2-Dichloropropane	6.978	77	15163	5.456	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	11318	4.890	ug/l	99
28) Bromochloromethane	7.332	49	5200	4.237	ug/l	96
29) Tetrahydrofuran	7.344	42	6482	21.903	ug/l	92
30) Chloroform	7.496	83	15558	4.853	ug/l	98
31) Cyclohexane	7.783	56	18592	6.377	ug/l #	78
32) 1,1,1-Trichloroethane	7.691	97	14101	4.907	ug/l	95
36) 1,1-Dichloropropene	7.917	75	12472	5.114	ug/l	97
37) Ethyl Acetate	7.070	43	5074m	4.943	ug/l	
38) Carbon Tetrachloride	7.893	117	13250	4.972	ug/l	98
39) Methylcyclohexane	9.179	83	18449	5.244	ug/l #	92
40) Benzene	8.155	78	39406	5.023	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	2989	5.043	ug/l #	65
42) 1,2-Dichloroethane	8.234	62	7769	4.552	ug/l	95
43) Isopropyl Acetate	8.264	43	9094	4.322	ug/l #	83
44) Trichloroethene	8.935	130	10439	4.888	ug/l	97
45) 1,2-Dichloropropane	9.209	63	8255	4.813	ug/l #	83
46) Dibromomethane	9.301	93	4414	4.477	ug/l	91
47) Bromodichloromethane	9.490	83	10594	4.346	ug/l	91
48) Methyl methacrylate	9.289	41	4038	4.188	ug/l	90
49) 1,4-Dioxane	9.295	88	1114	85.123	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	21402	20.239	ug/l	98
52) Toluene	10.240	92	23783	4.709	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	9607	4.220	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	12182	4.377	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	5723	4.225	ug/l #	89
56) Ethyl methacrylate	10.508	69	7068	3.842	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	9620	4.364	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	11736	13.361	ug/l	96
59) 2-Hexanone	10.831	43	13312	18.004	ug/l	92
60) Dibromochloromethane	10.983	129	7137	4.062	ug/l	95
61) 1,2-Dibromoethane	11.087	107	5028	3.941	ug/l	93
64) Tetrachloroethene	10.721	164	8360	4.713	ug/l	96
65) Chlorobenzene	11.514	112	24970	4.602	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.587	131	7872	4.485	ug/l	97
67) Ethyl Benzene	11.593	91	45333	4.948	ug/l	99
68) m/p-Xylenes	11.703	106	35269	9.735	ug/l	95
69) o-Xylene	12.026	106	16208	4.662	ug/l	99
70) Styrene	12.044	104	25217	4.343	ug/l	98
71) Bromoform	12.203	173	3798	3.911	ug/l #	95
73) Isopropylbenzene	12.331	105	42222	5.177	ug/l	99
74) N-amyl acetate	12.142	43	7228	4.269	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	6272	4.821	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	4096m	4.704	ug/l	
77) Bromobenzene	12.605	156	8900	4.750	ug/l	95
78) n-propylbenzene	12.672	91	50159	5.287	ug/l	99
79) 2-Chlorotoluene	12.758	91	27192	5.158	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	32745	5.092	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	1705	3.773	ug/l #	93
82) 4-Chlorotoluene	12.855	91	26148	4.938	ug/l	93
83) tert-Butylbenzene	13.075	119	30102	5.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	31481	4.997	ug/l	98
85) sec-Butylbenzene	13.251	105	44447	5.108	ug/l	99
86) p-Isopropyltoluene	13.367	119	35956	5.023	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	17453	4.823	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	17337	4.915	ug/l	93
89) n-Butylbenzene	13.696	91	31978	4.936	ug/l	98
90) Hexachloroethane	13.959	117	6282	4.473	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	14911	4.794	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	768	4.335	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	6965	3.983	ug/l	94
94) Hexachlorobutadiene	15.111	225	4042	4.190	ug/l	95
95) Naphthalene	15.233	128	11013	3.437	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	5460	3.805	ug/l	97

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

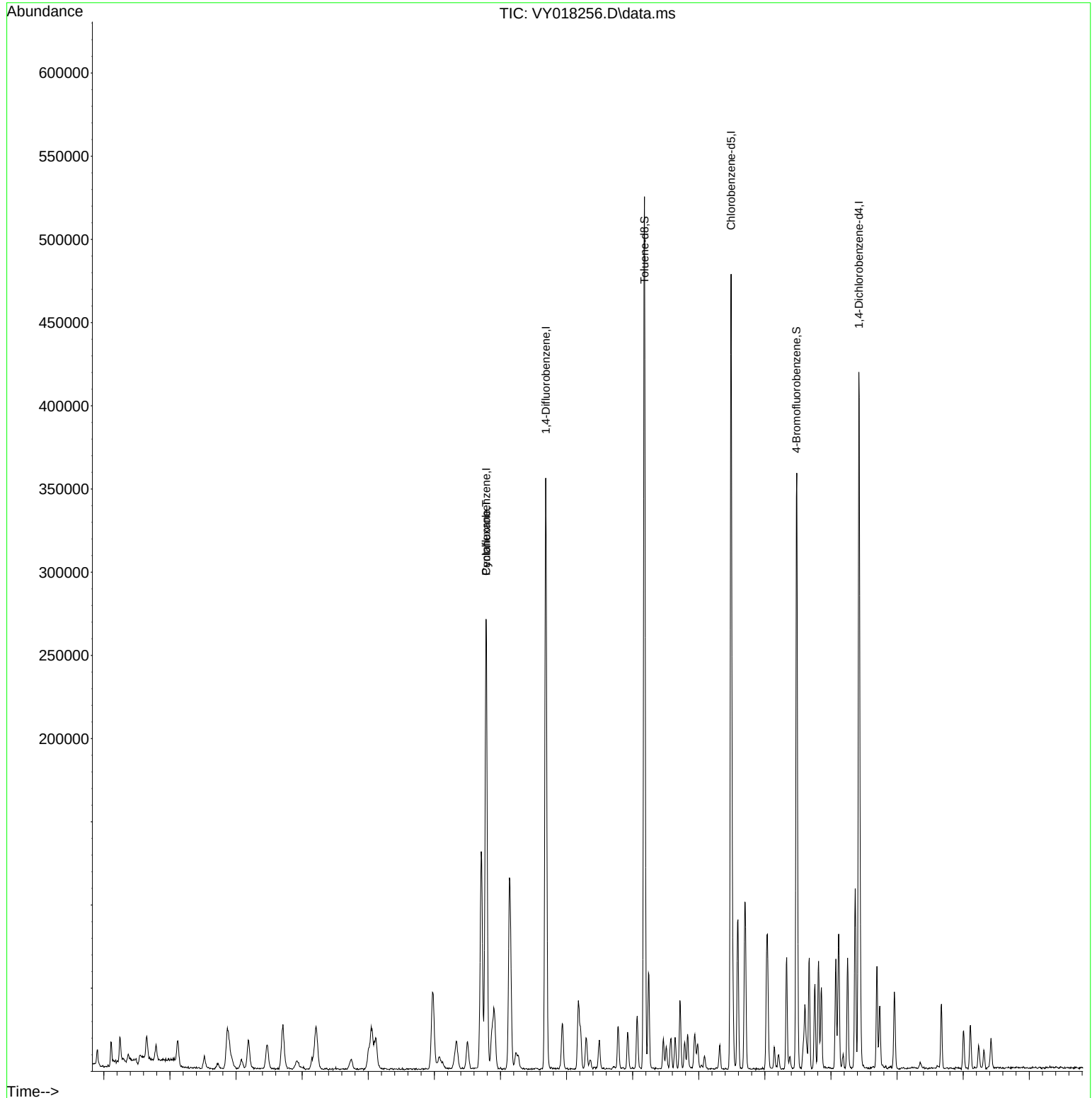
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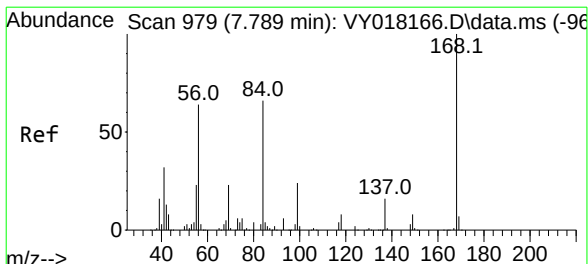
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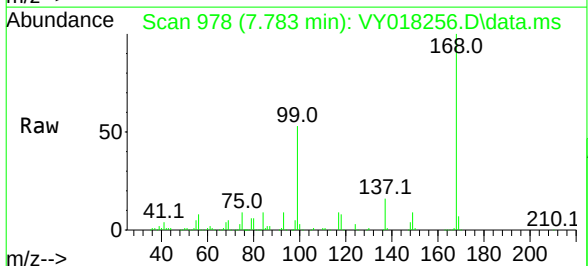
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#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.783 min Scan# 97
 Delta R.T. -0.006 min
 Lab File: VY018256.D
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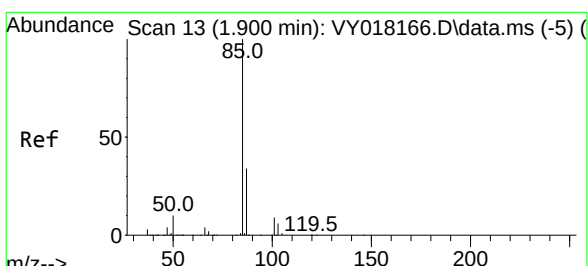
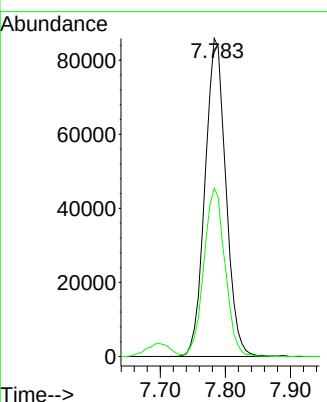
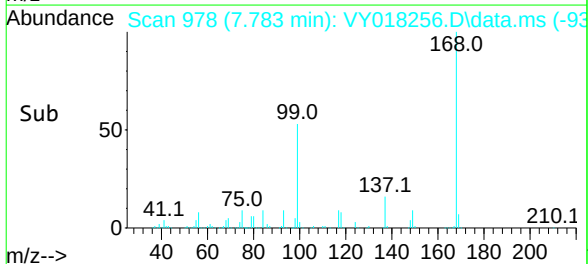
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



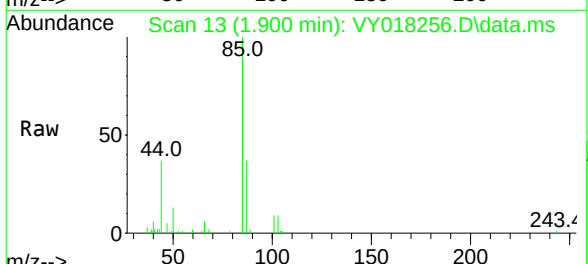
Tgt Ion: 168 Resp: 191041

Ion	Ratio	Lower	Upper
168	100		
99	52.7	39.1	58.7

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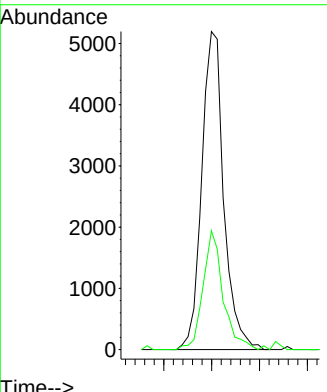
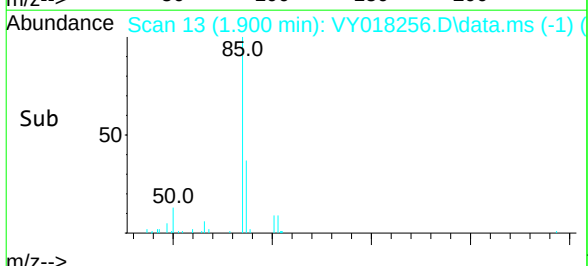


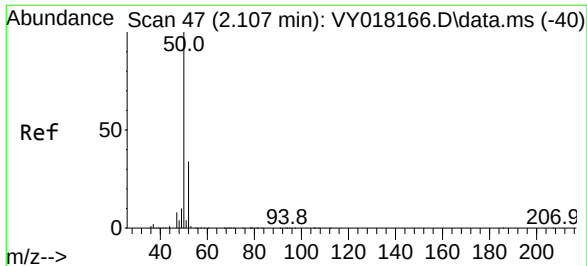
#2
 Dichlorodifluoromethane
 Concen: 5.473 ug/l
 RT: 1.900 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VY018256.D
 Acq: 14 May 2024 14:24



Tgt Ion: 85 Resp: 8292

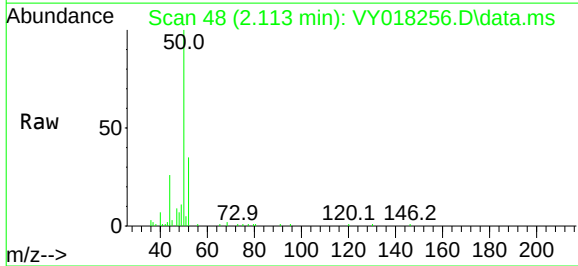
Ion	Ratio	Lower	Upper
85	100		
87	37.4	16.0	48.0





#3
Chloromethane
Concen: 5.766 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

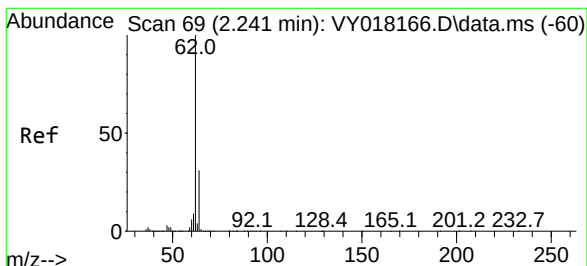
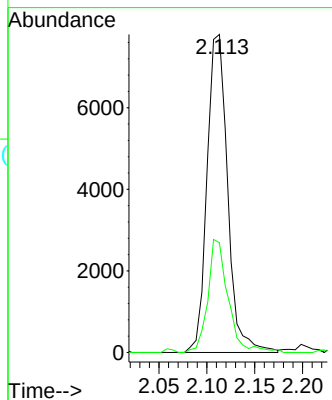
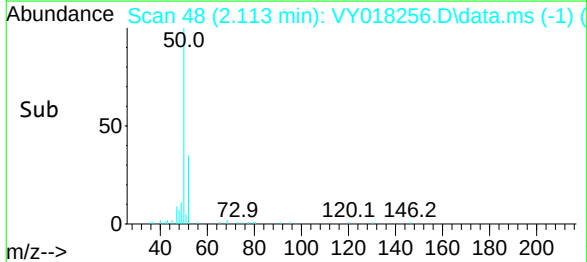
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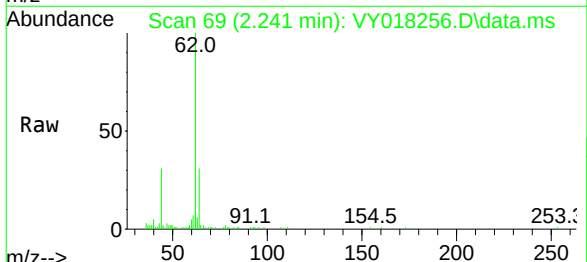
Tgt Ion: 50 Resp: 11694
Ion Ratio Lower Upper
50 100
52 34.5 25.6 38.4

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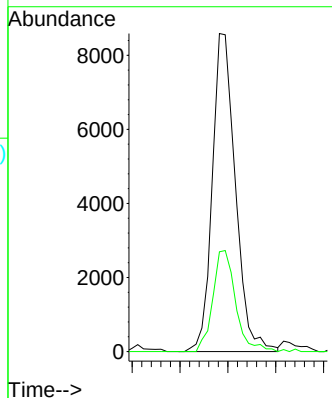
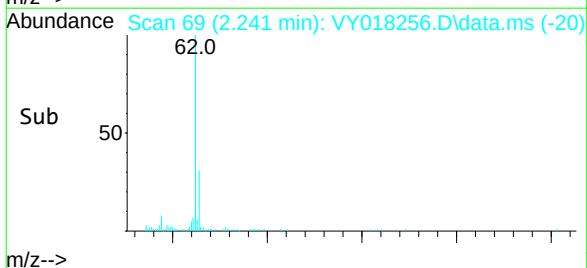
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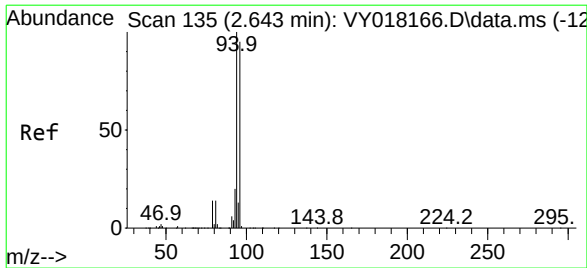


#4
Vinyl Chloride
Concen: 5.868 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24



Tgt Ion: 62 Resp: 14427
Ion Ratio Lower Upper
62 100
64 31.4 26.1 39.1





Bromomethane

Concen: 5.975 ug/l

RT: 2.650 min Scan# 13

Delta R.T. 0.006 min

Lab File: VY018256.D

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Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 94 Resp: 10202

Ion Ratio Lower Upper

94 100

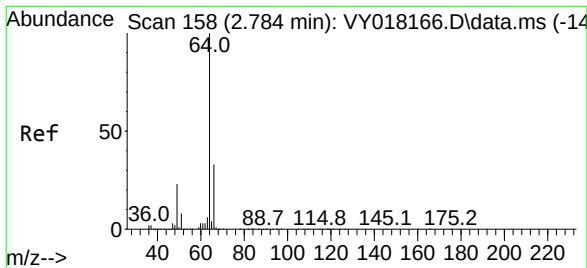
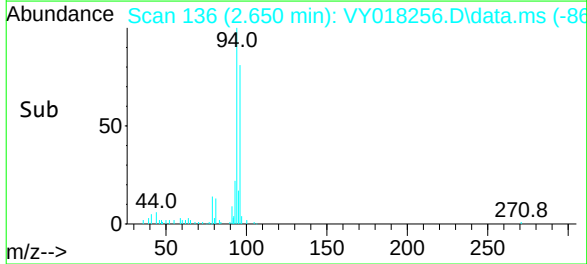
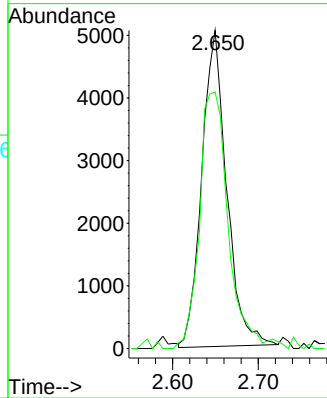
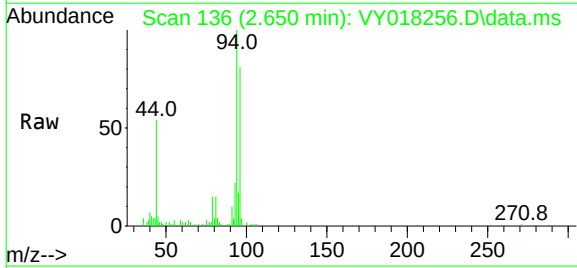
96 79.8 74.1 111.1

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Chloroethane

Concen: 6.022 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

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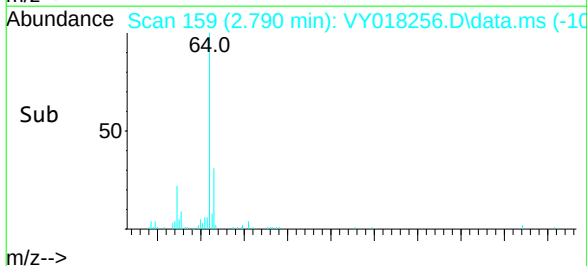
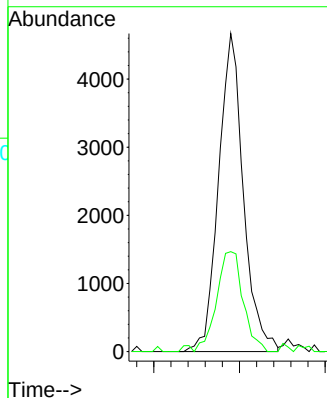
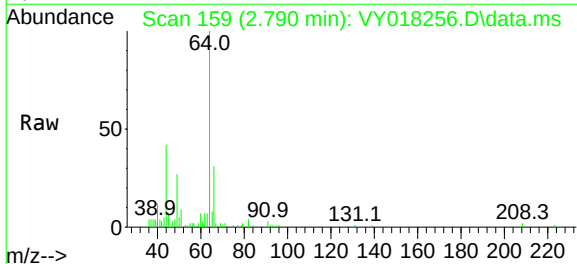
Acq: 14 May 2024 14:24

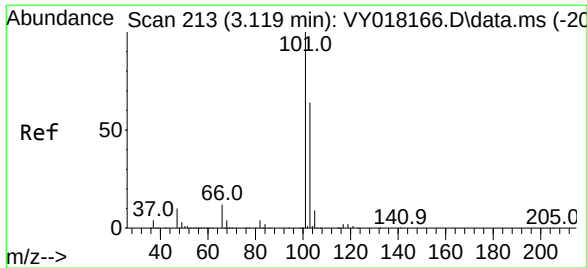
Tgt Ion: 64 Resp: 9396

Ion Ratio Lower Upper

64 100

66 31.4 26.1 39.1





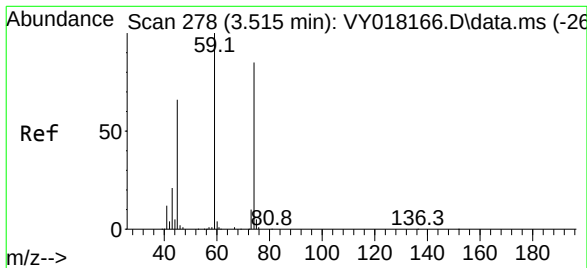
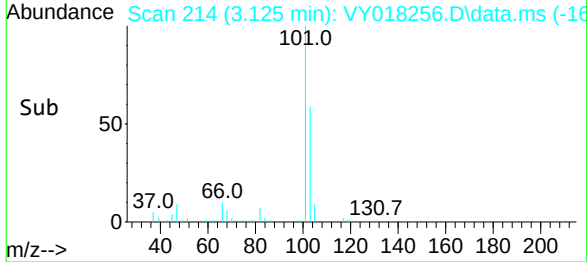
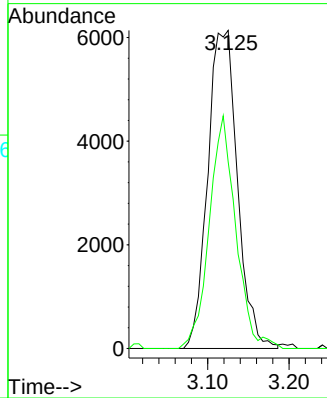
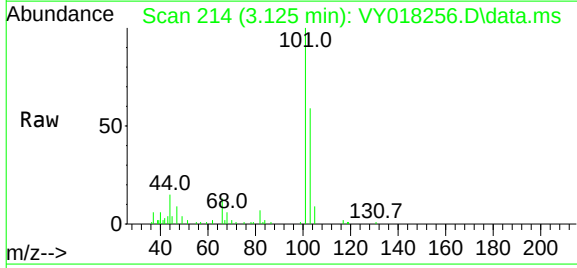
#7
Trichlorofluoromethane
Concen: 5.411 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY018256.D
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Tgt Ion: 101 Resp: 15583
Ion Ratio Lower Upper
101 100
103 58.7 49.3 73.9

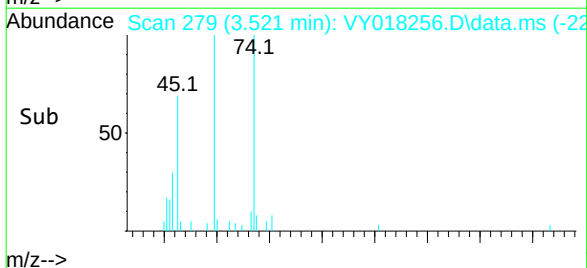
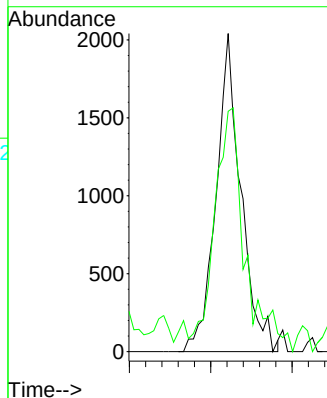
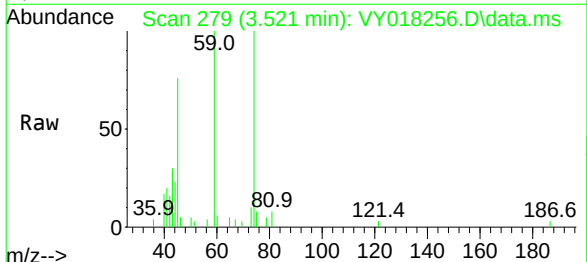
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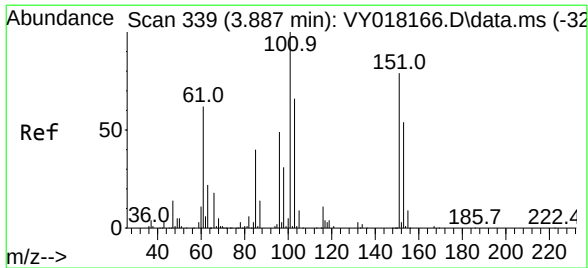
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#8
Diethyl Ether
Concen: 4.561 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

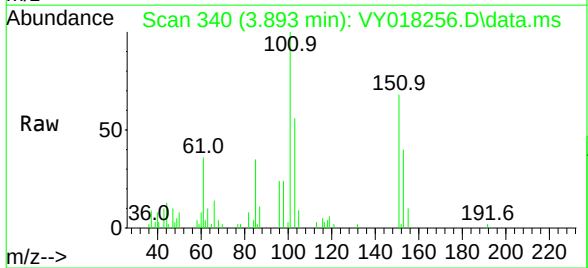
Tgt Ion: 74 Resp: 4324
Ion Ratio Lower Upper
74 100
45 93.6 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.392 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

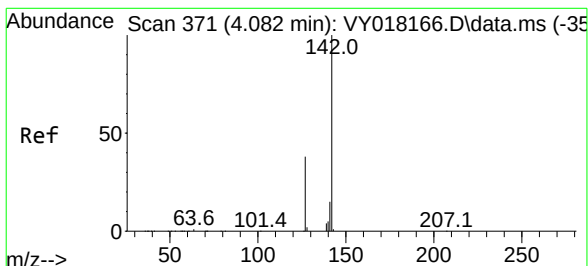
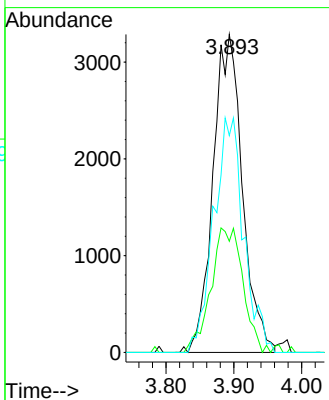
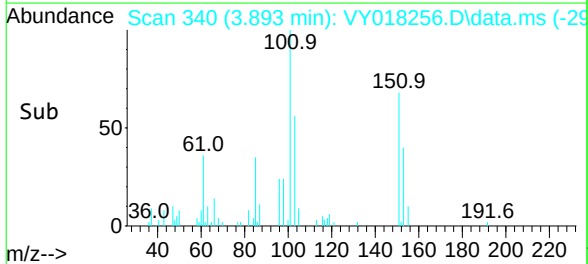
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:	101	Resp:	9895
Ion	Ratio	Lower	Upper
101	100		
85	42.6	34.5	51.7
151	75.6	61.7	92.5

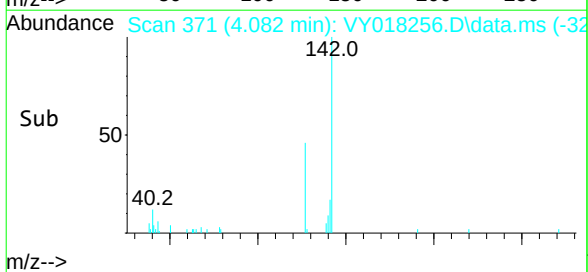
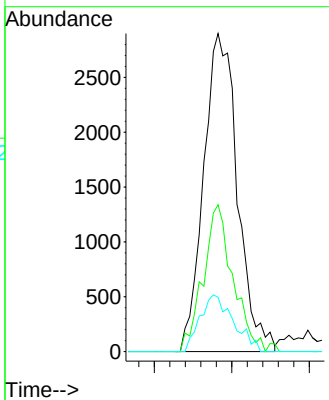
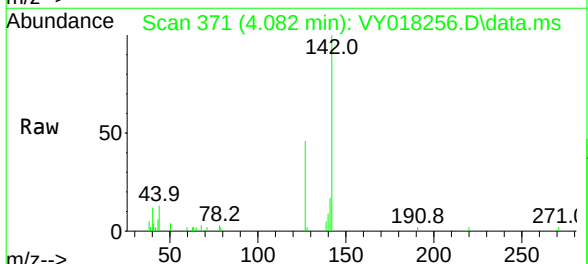
Manual Integrations
APPROVED

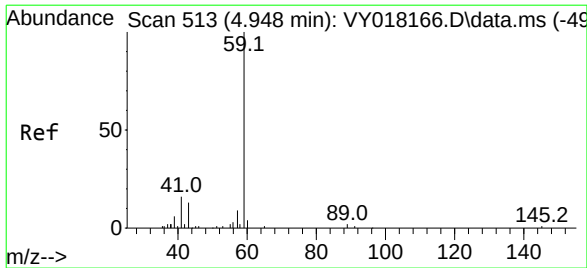
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#10
Methyl Iodide
Concen: 4.097 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion:	142	Resp:	8781
Ion	Ratio	Lower	Upper
142	100		
127	40.4	32.8	49.2
141	17.6	11.4	17.2





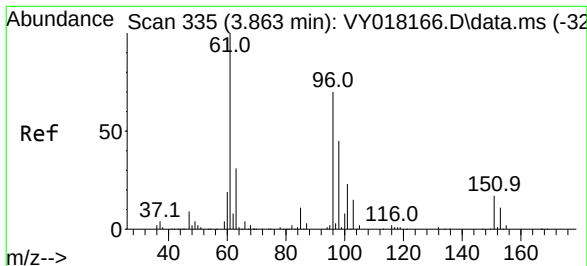
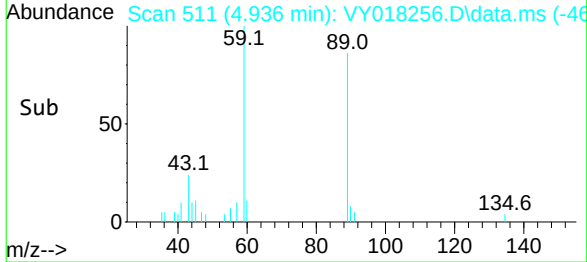
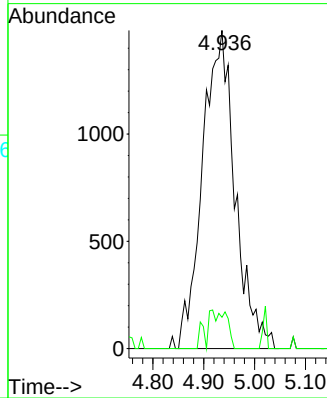
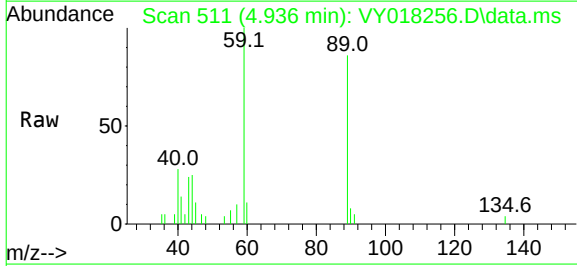
#11
Tert butyl alcohol
Concen: 46.946 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

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

Tgt Ion: 59 Resp: 6595
Ion Ratio Lower Upper
59 100
57 2.7 3.0 4.6#

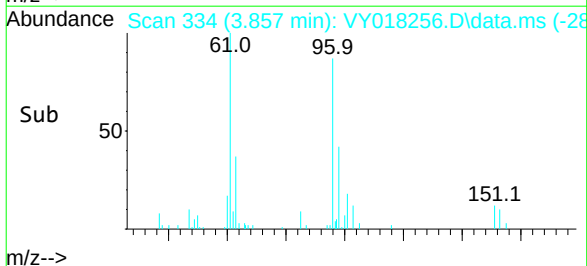
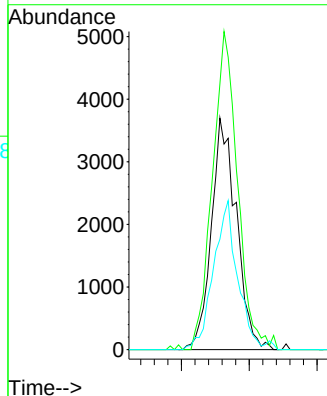
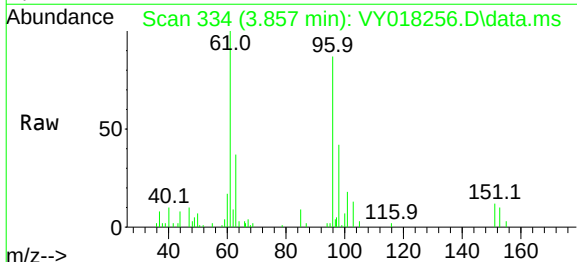
Manual Integrations
APPROVED

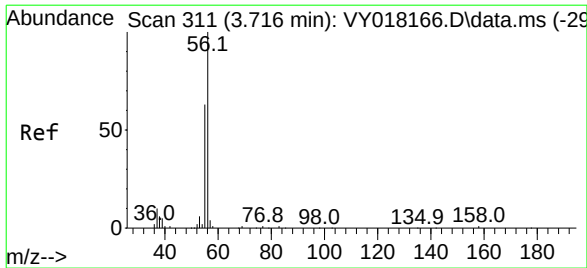
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#12
1,1-Dichloroethene
Concen: 5.135 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

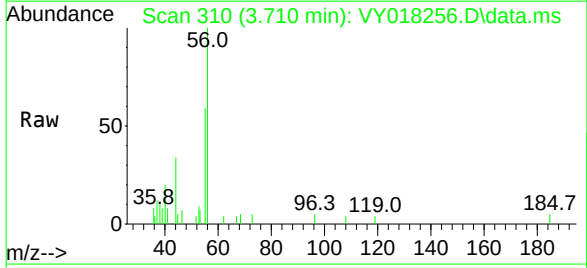
Tgt Ion: 96 Resp: 9487
Ion Ratio Lower Upper
96 100
61 114.8 114.6 171.8
98 47.7 50.8 76.2#





#13
Acrolein
Concen: 23.842 ug/l
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

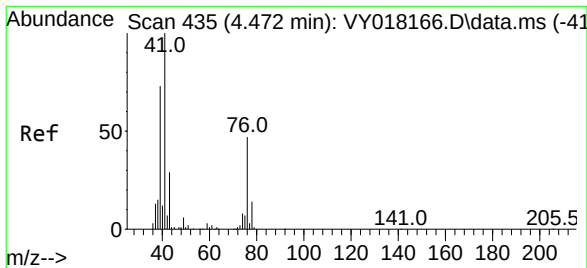
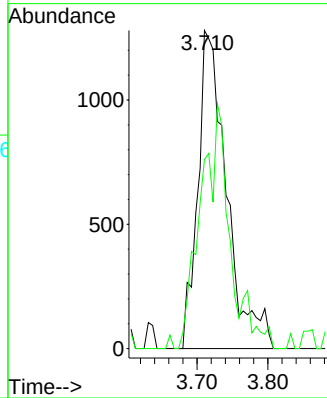
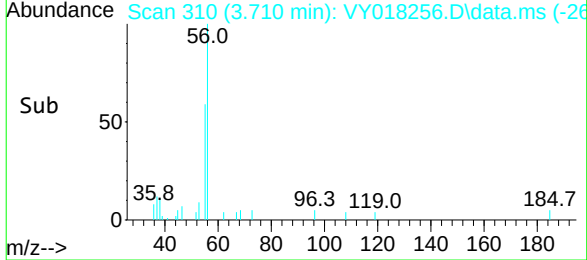
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 56 Resp: 3612
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5

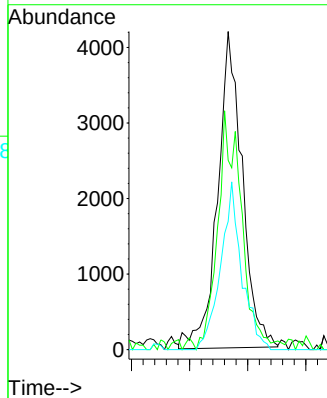
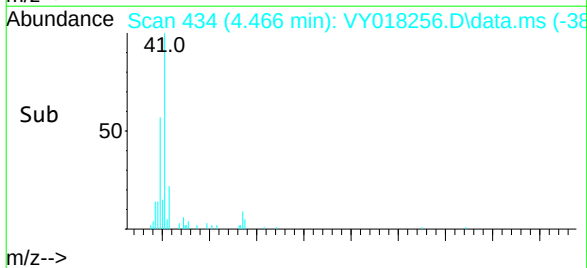
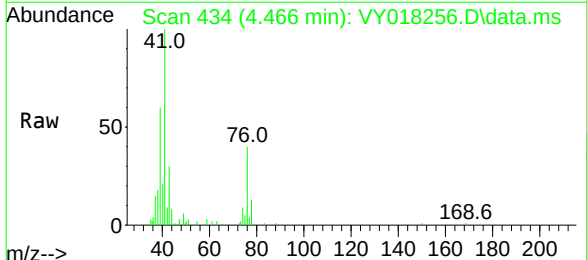
Manual Integrations
APPROVED

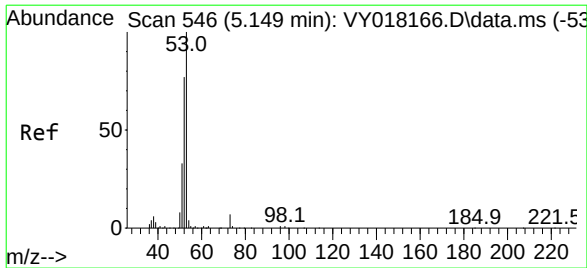
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#14
Allyl chloride
Concen: 5.247 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion: 41 Resp: 12332
Ion Ratio Lower Upper
41 100
39 72.9 58.3 87.5
76 45.3 39.0 58.6





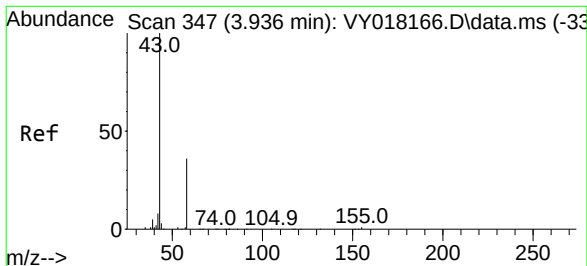
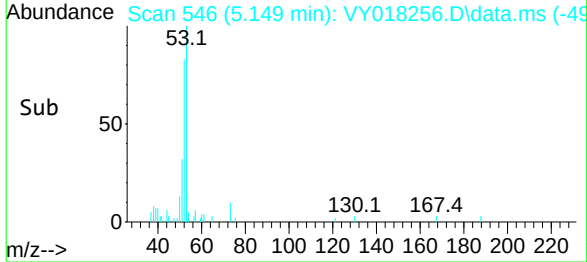
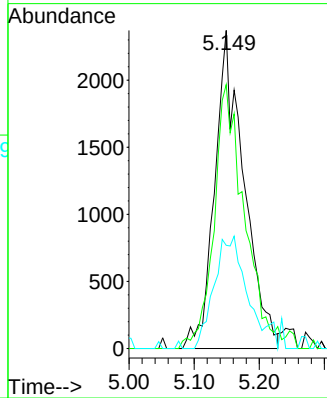
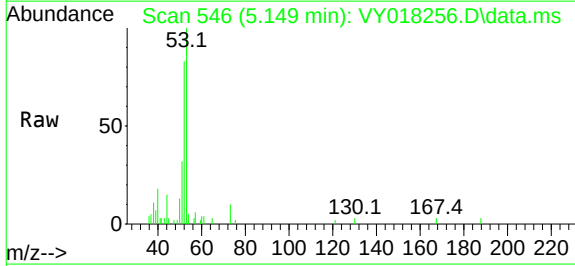
#15
Acrylonitrile
Concen: 20.219 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

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

Tgt Ion	Ratio	Lower	Upper
53	100		
52	86.5	64.7	97.1
51	38.0	28.4	42.6

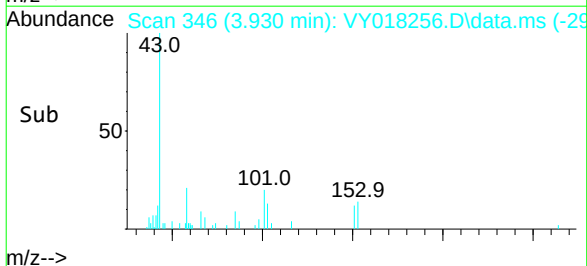
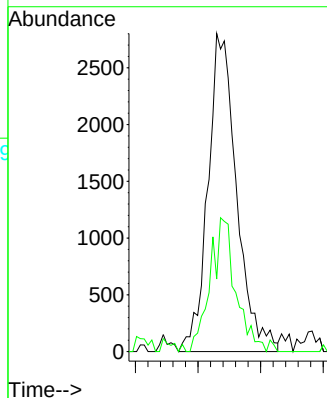
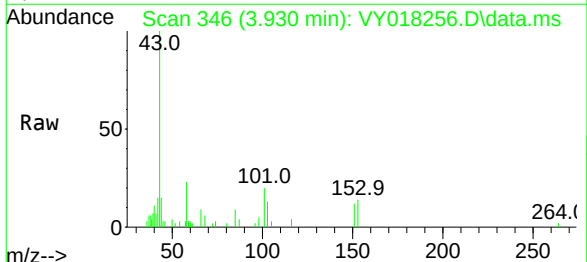
Manual Integrations
APPROVED

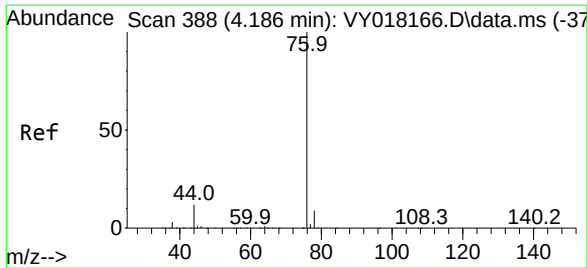
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#16
Acetone
Concen: 31.872 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	22.8	31.7	47.5





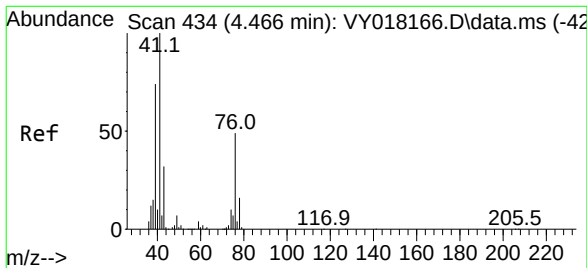
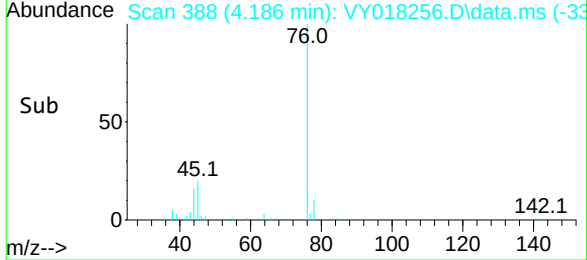
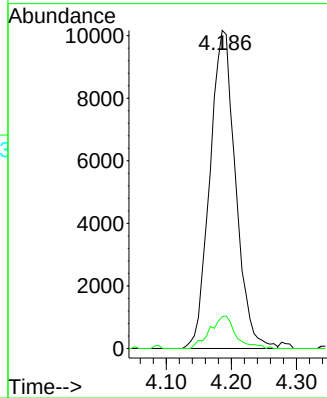
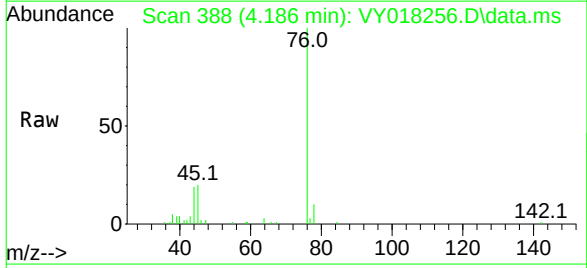
#17
Carbon Disulfide
Concen: 5.547 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

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

Tgt Ion: 76 Resp: 27902
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2

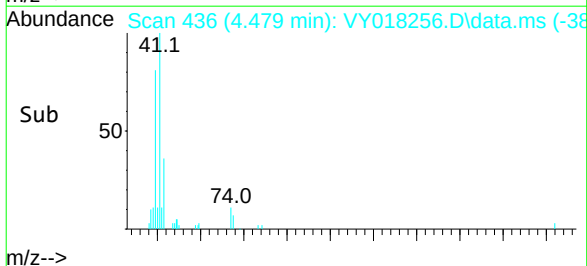
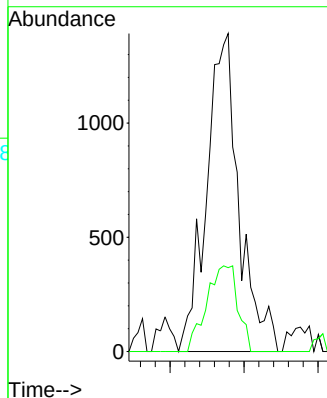
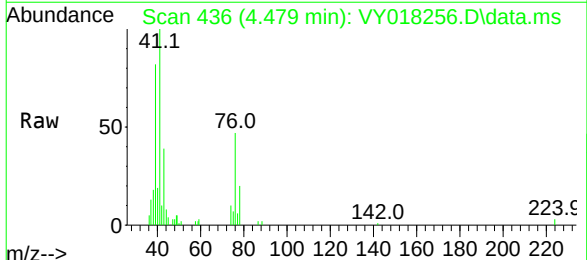
Manual Integrations
APPROVED

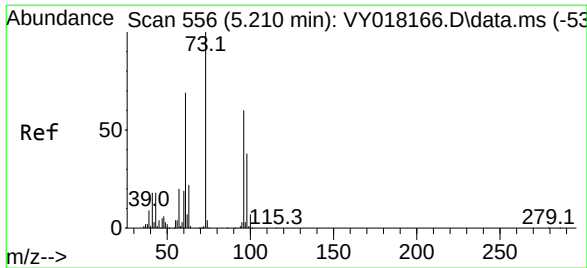
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#18
Methyl Acetate
Concen: 5.347 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.012 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion: 43 Resp: 4272
Ion Ratio Lower Upper
43 100
74 25.7 23.3 34.9





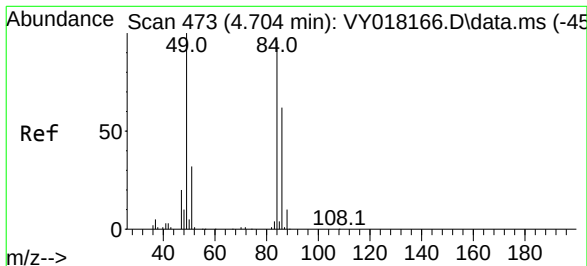
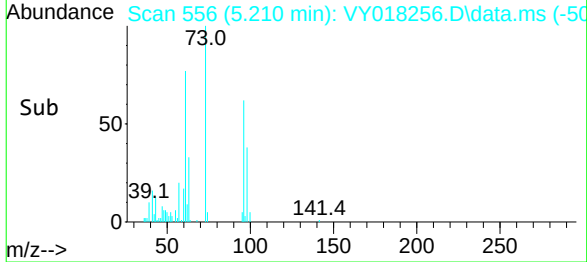
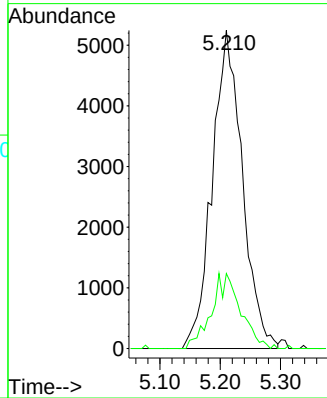
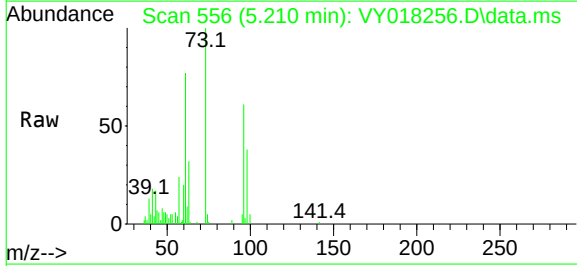
#19
Methyl tert-butyl Ether
Concen: 4.418 ug/l
RT: 5.210 min Scan# 556
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

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

Tgt Ion: 73 Resp: 18182
Ion Ratio Lower Upper
73 100
57 23.6 17.3 25.9

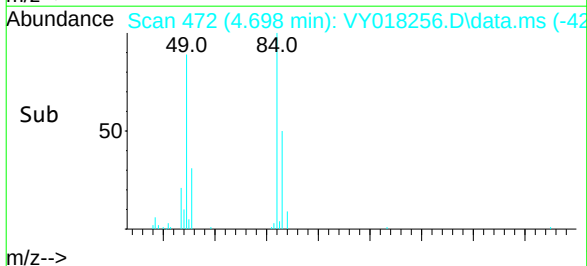
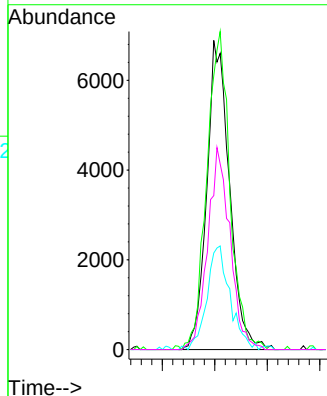
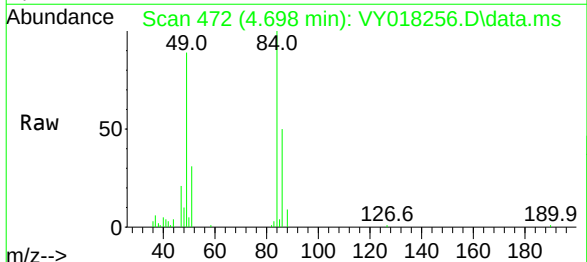
Manual Integrations
APPROVED

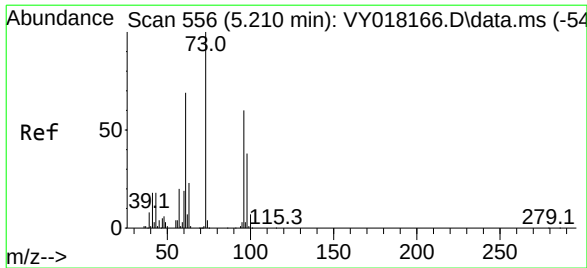
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#20
Methylene Chloride
Concen: 10.443 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

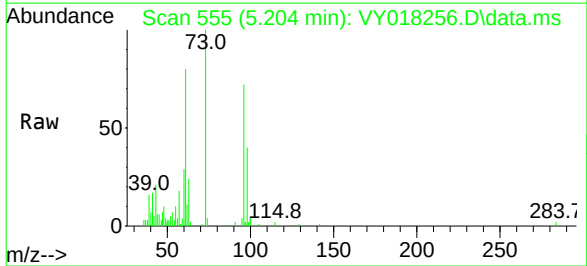
Tgt Ion: 84 Resp: 20702
Ion Ratio Lower Upper
84 100
49 88.6 84.4 126.6
51 31.2 26.0 39.0
86 49.8 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 5.158 ug/l
RT: 5.204 min Scan# 556
Delta R.T. -0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

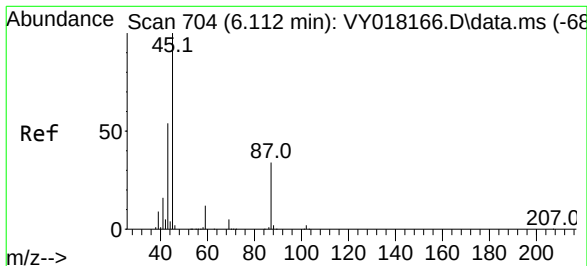
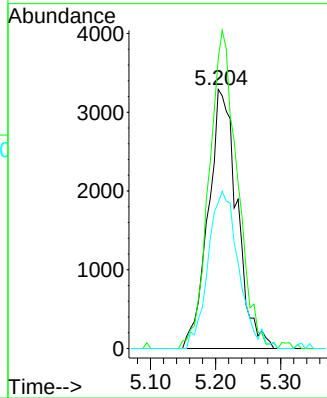
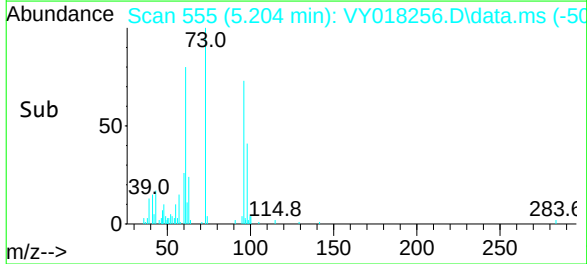
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion	96	Resp	10102
Ion	Ratio	Lower	Upper
96	100		
61	111.9	97.5	146.3
98	56.3	50.5	75.7

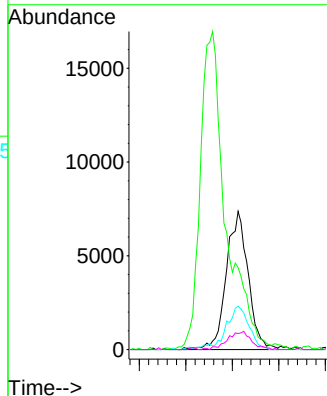
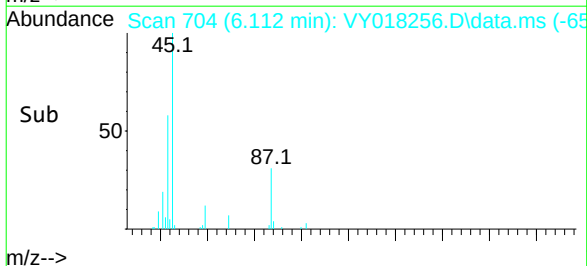
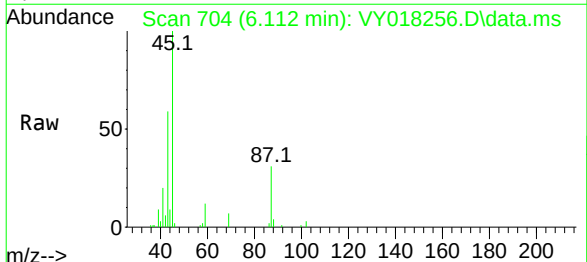
Manual Integrations
APPROVED

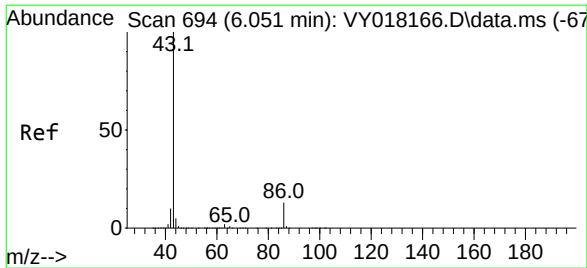
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#22
Diisopropyl ether
Concen: 4.823 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion	45	Resp	24046
Ion	Ratio	Lower	Upper
45	100		
43	57.4	42.2	63.2
87	31.5	25.0	37.6
59	11.6	10.5	15.7





#23

Vinyl Acetate

Concen: 21.238 ug/l

RT: 6.058 min Scan# 69

Delta R.T. 0.006 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 43 Resp: 64359

Ion Ratio Lower Upper

43 100

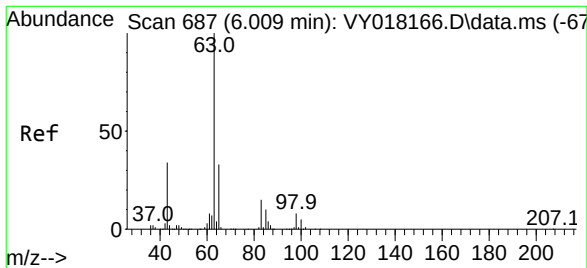
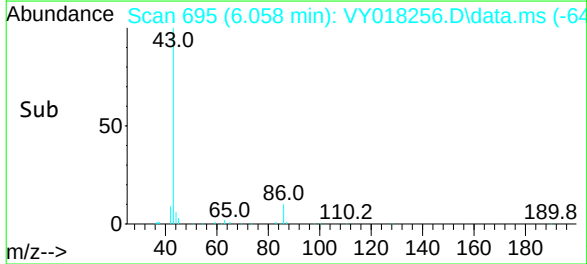
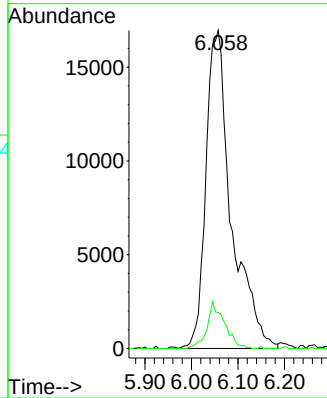
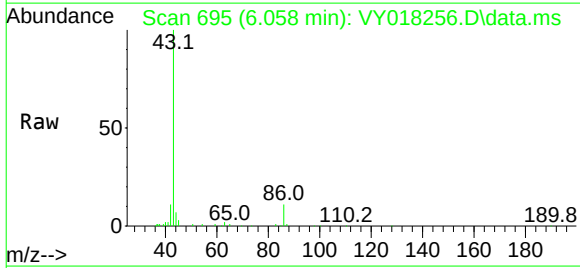
86 11.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024

Supervised By :Semsettin Yesilyurt 05/15/2024



#24

1,1-Dichloroethane

Concen: 5.067 ug/l

RT: 6.009 min Scan# 687

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

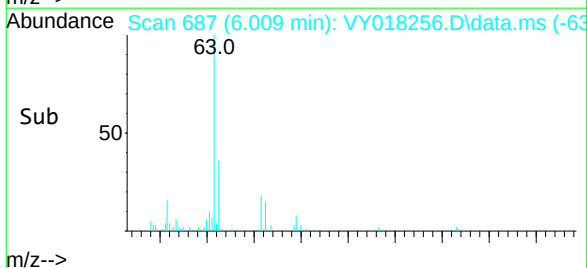
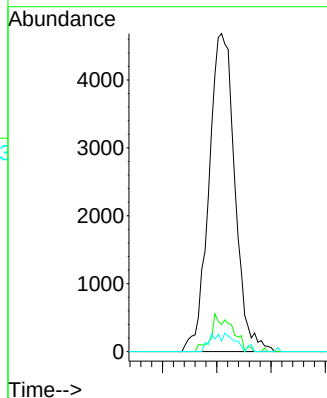
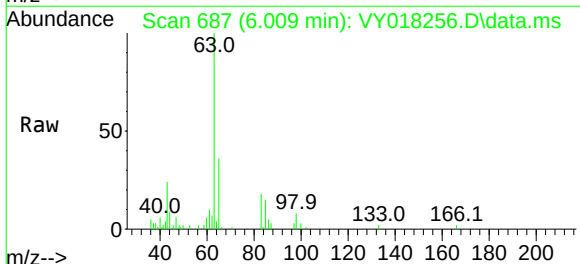
Tgt Ion: 63 Resp: 15560

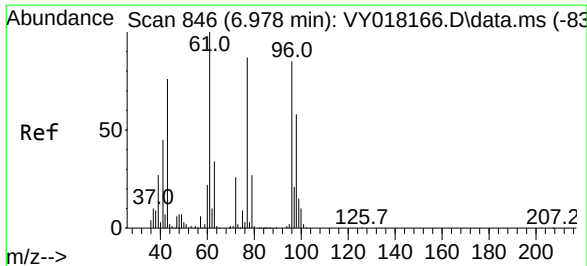
Ion Ratio Lower Upper

63 100

98 8.5 4.0 12.2

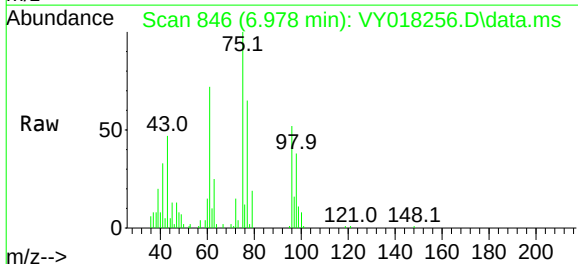
100 3.3 2.6 8.0





#25
2-Butanone
Concen: 21.134 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

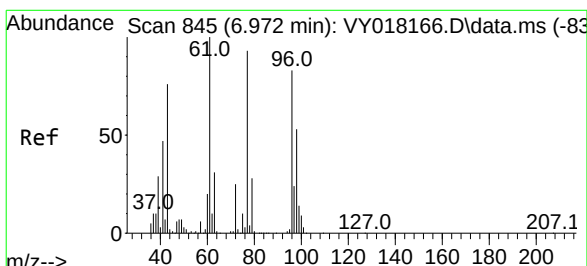
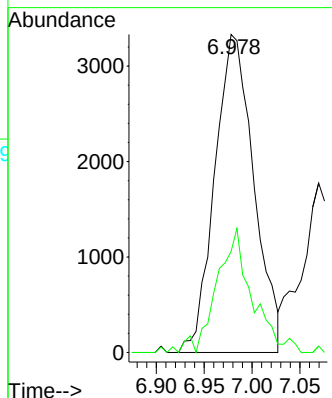
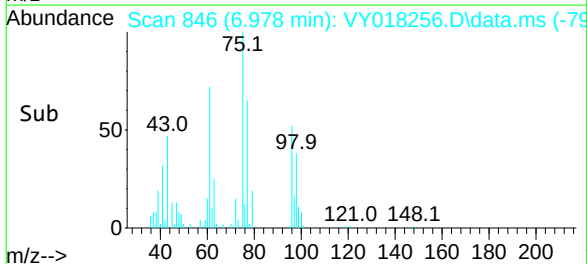
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



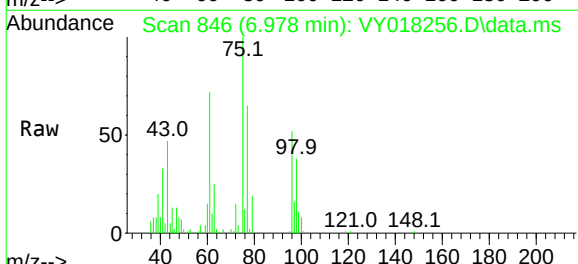
Tgt Ion: 43 Resp: 9475
Ion Ratio Lower Upper
43 100
72 31.8 27.3 40.9

Manual Integrations
APPROVED

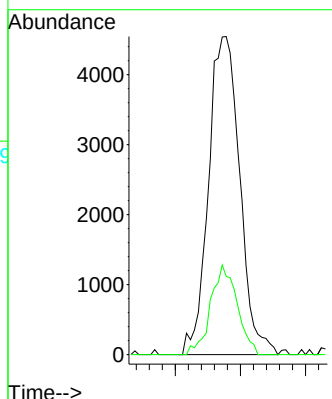
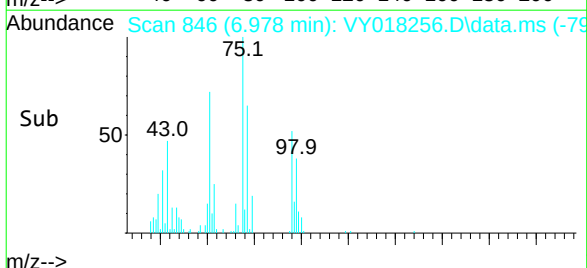
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024

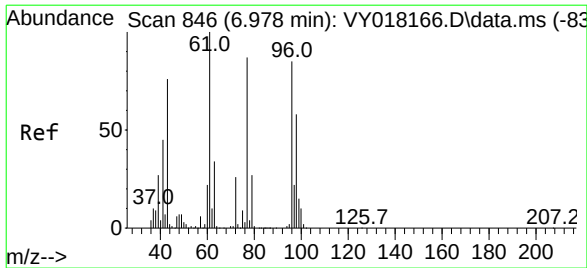


#26
2,2-Dichloropropane
Concen: 5.456 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24



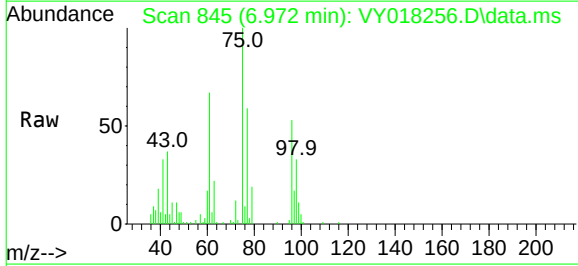
Tgt Ion: 77 Resp: 15163
Ion Ratio Lower Upper
77 100
97 23.9 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 4.890 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

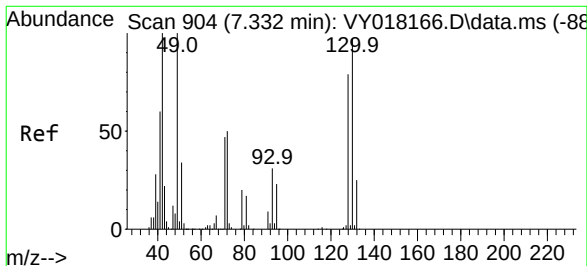
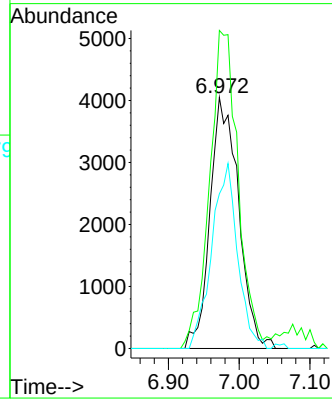
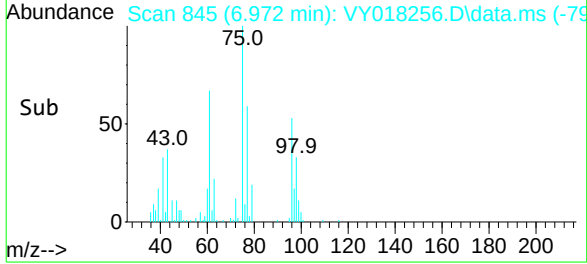
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 96 Resp: 11318
Ion Ratio Lower Upper
96 100
61 127.5 0.0 256.2
98 66.9 0.0 130.0

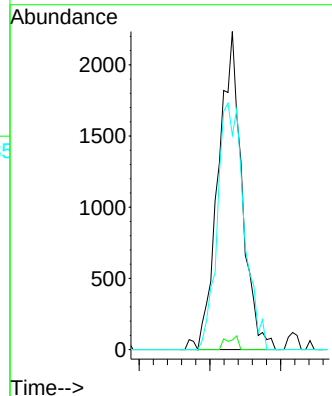
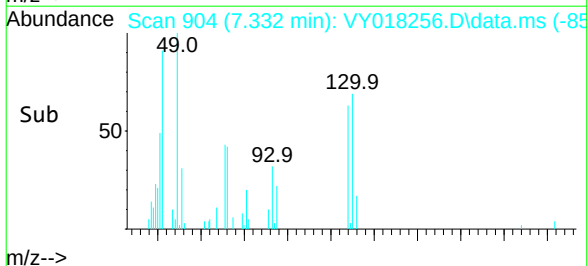
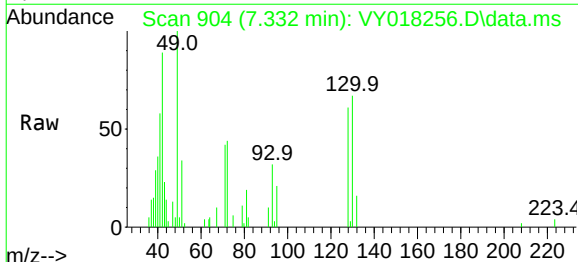
Manual Integrations
APPROVED

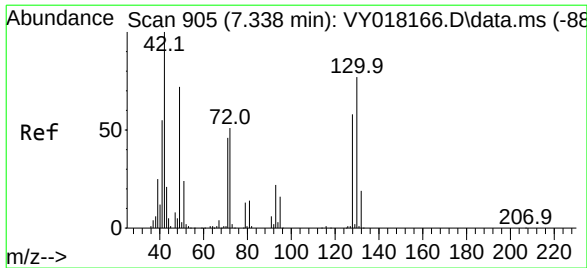
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#28
Bromochloromethane
Concen: 4.237 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

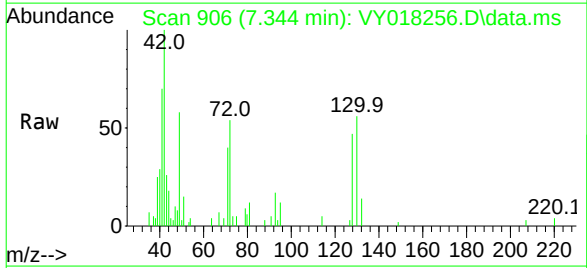
Tgt Ion: 49 Resp: 5200
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 86.9 72.7 109.1





#29
Tetrahydrofuran
Concen: 21.903 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

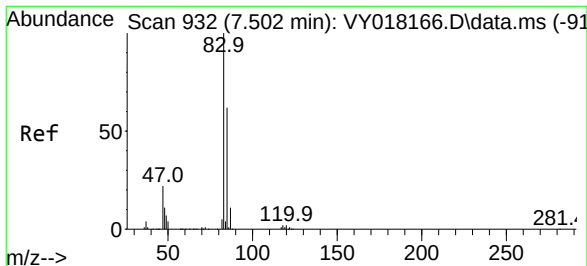
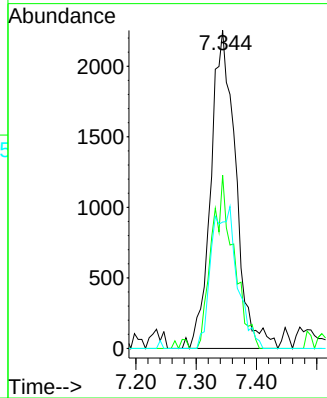
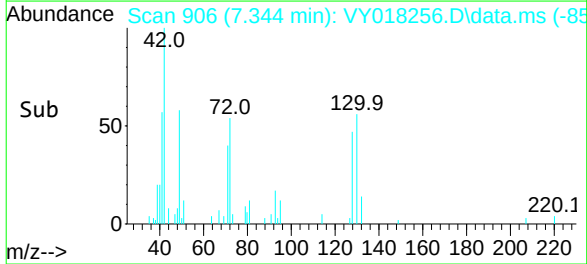
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 42 Resp: 6482
Ion Ratio Lower Upper
42 100
72 48.0 43.0 64.4
71 46.0 40.8 61.2

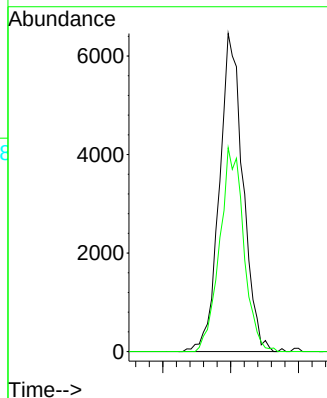
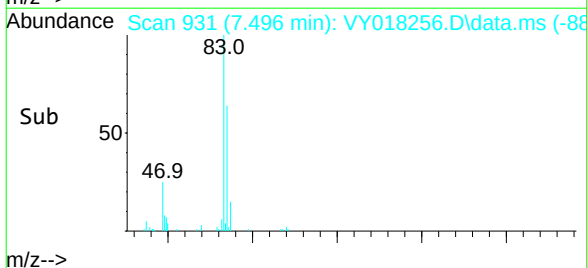
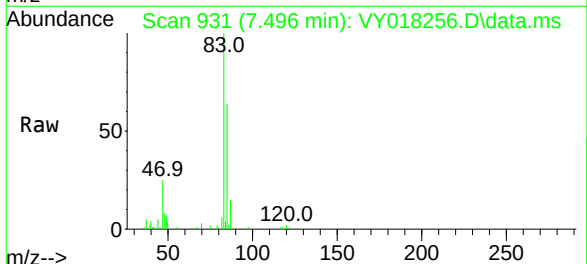
Manual Integrations
APPROVED

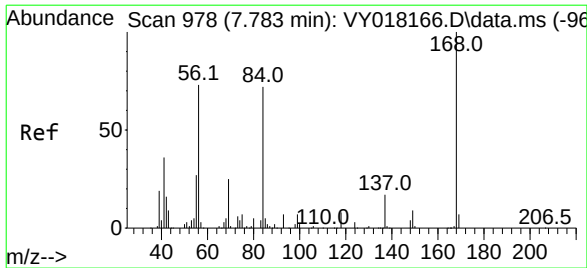
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#30
Chloroform
Concen: 4.853 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion: 83 Resp: 15558
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4





#31

Cyclohexane

Concen: 6.377 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY018256.D

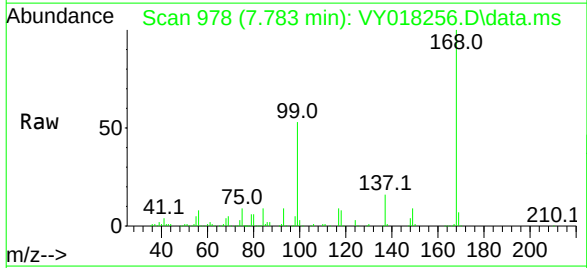
Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024



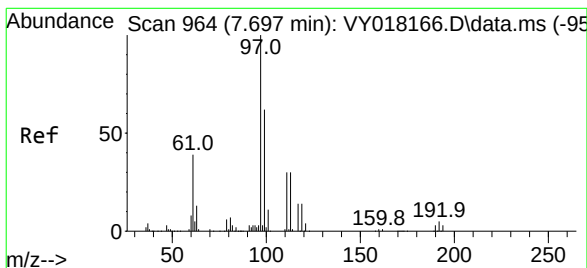
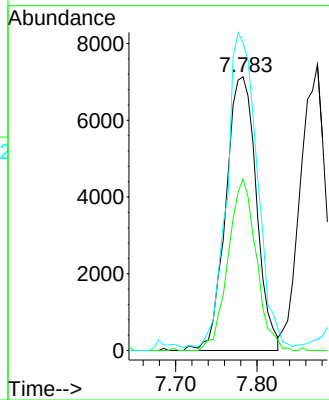
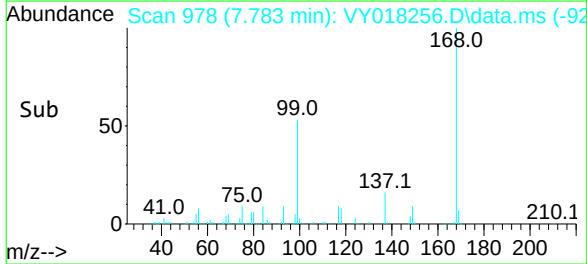
Tgt Ion:	56	Ratio	100	Lower	Upper
56	100				
69	62.6		28.7	43.1	
84	110.6		77.7	116.5	

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024

Supervised By :Semsettin Yesilyurt 05/15/2024



#32

1,1,1-Trichloroethane

Concen: 4.907 ug/l

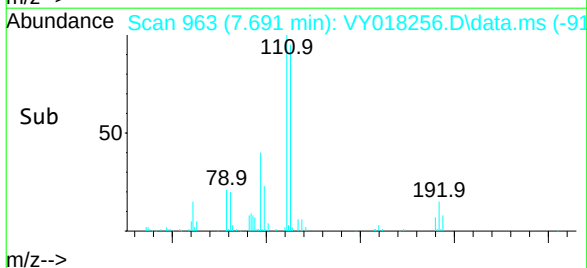
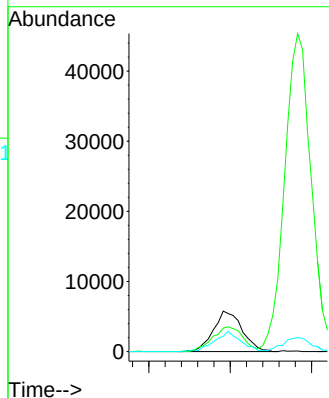
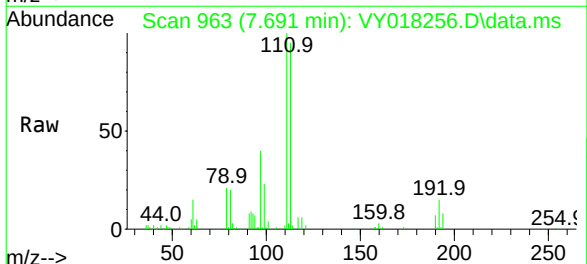
RT: 7.691 min Scan# 963

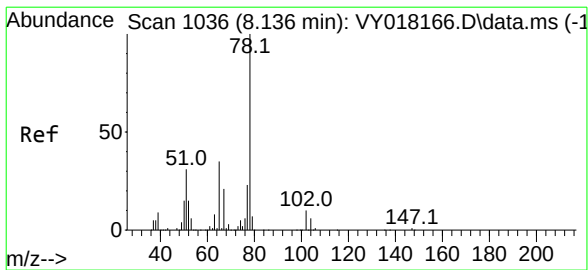
Delta R.T. -0.006 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

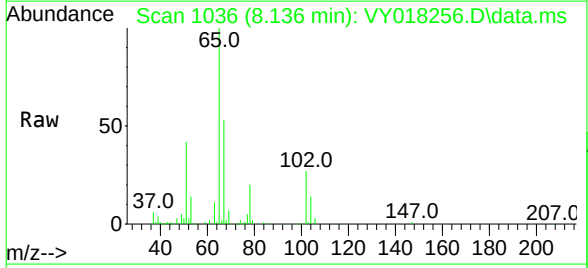
Tgt Ion:	97	Ratio	100	Lower	Upper
97	100				
99	64.9		50.3	75.5	
61	46.2		32.6	48.8	





#33
1,2-Dichloroethane-d4
Concen: 50.738 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

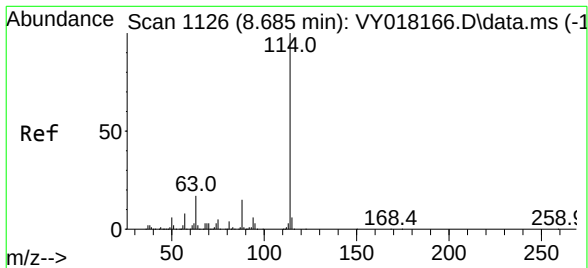
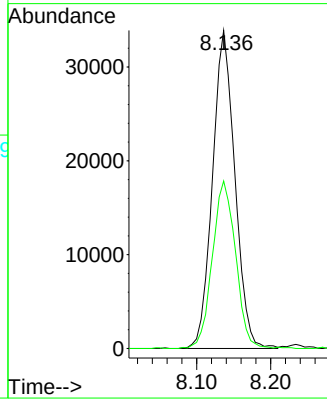
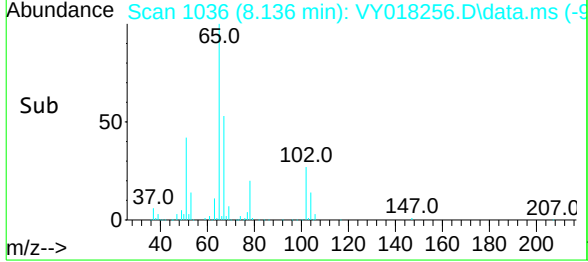
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 65 Resp: 71308
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.6

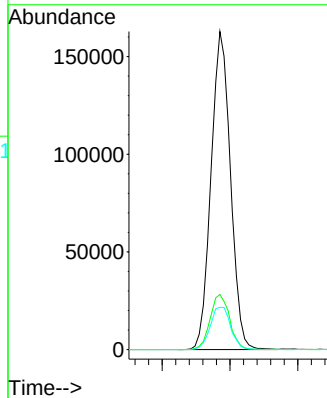
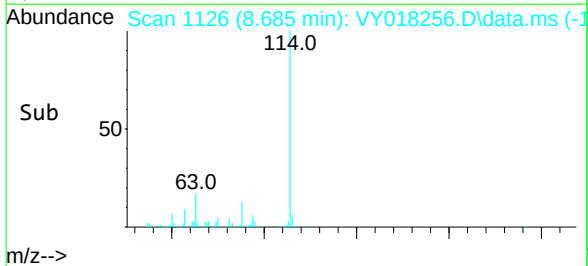
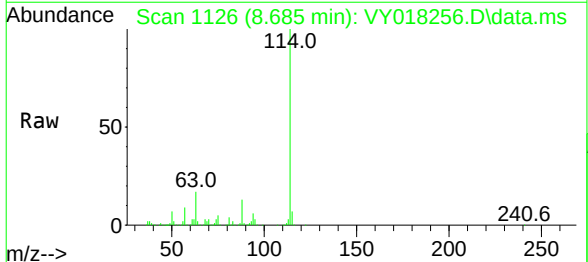
Manual Integrations
APPROVED

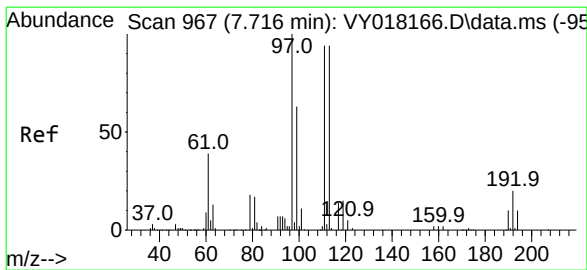
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion:114 Resp: 323697
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 13.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.957 ug/l

RT: 7.710 min Scan# 96

Delta R.T. -0.006 min

Lab File: VY018256.D

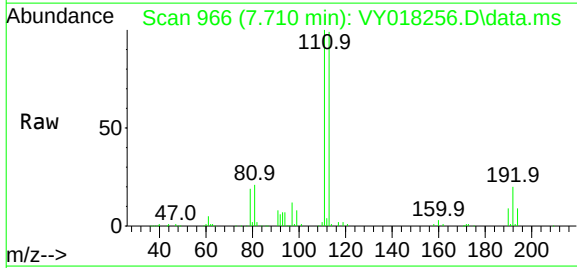
Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

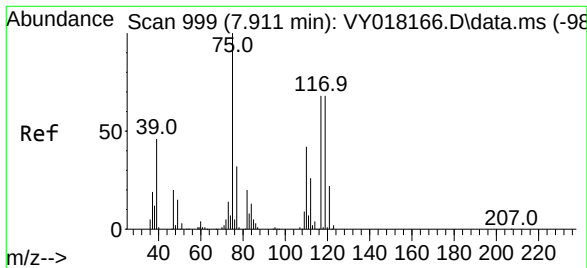
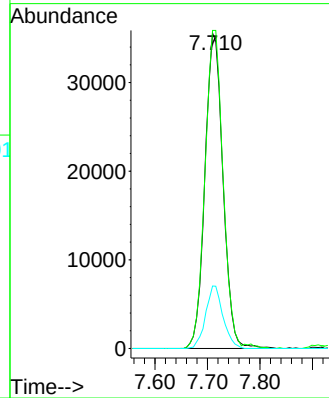
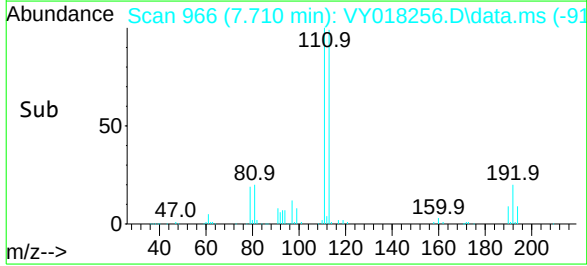
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:	113	Resp:	84986
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	19.1	15.9	23.9

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#36

1,1-Dichloropropene

Concen: 5.114 ug/l

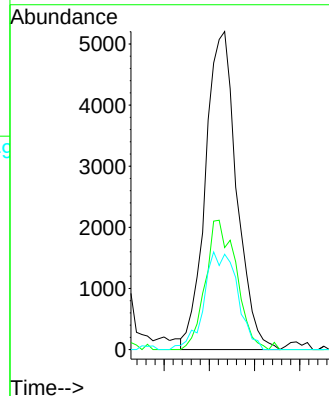
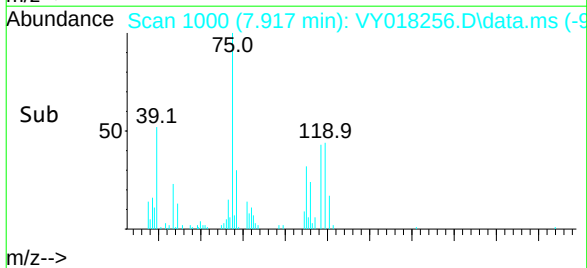
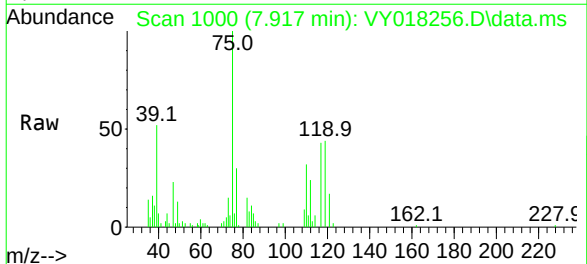
RT: 7.917 min Scan# 1000

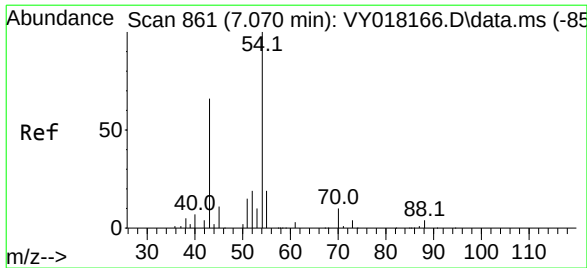
Delta R.T. 0.006 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Tgt Ion:	75	Resp:	12472
Ion	Ratio	Lower	Upper
75	100		
110	40.1	19.0	57.0
77	33.0	25.3	37.9





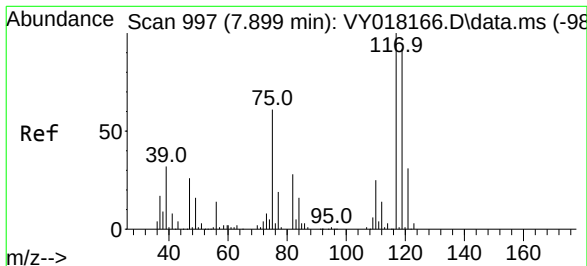
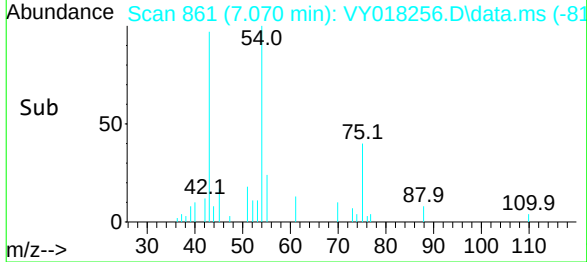
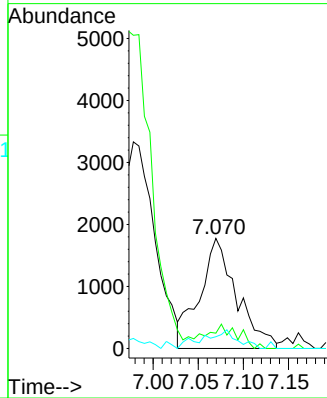
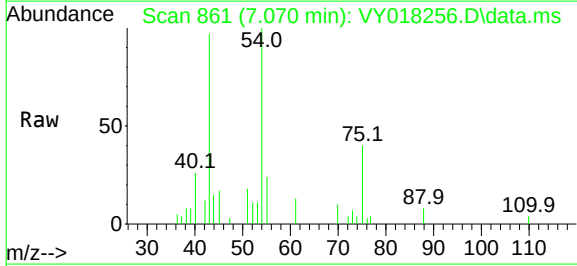
#37
Ethyl Acetate
Concen: 4.943 ug/l m
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

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

Tgt Ion:	43	Resp:	5074
Ion	Ratio	Lower	Upper
43	100		
61	18.1	12.6	19.0
70	11.8	7.8	11.8

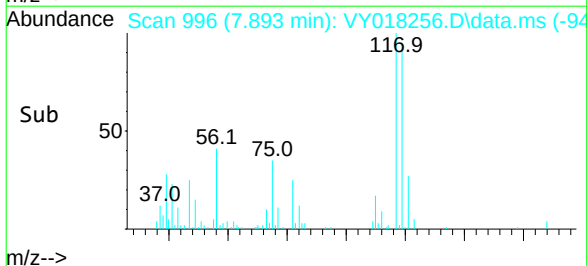
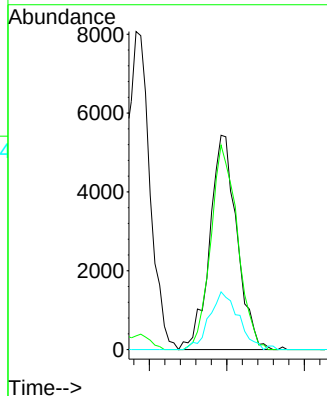
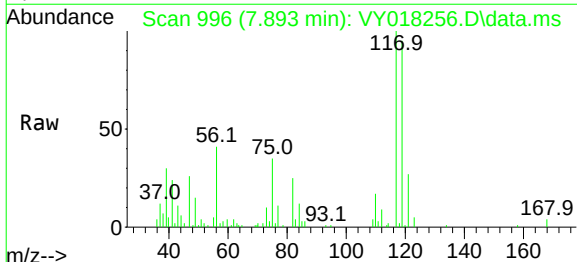
Manual Integrations
APPROVED

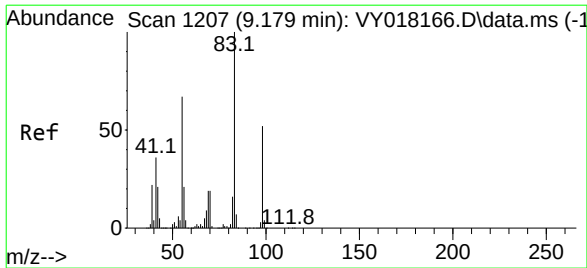
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#38
Carbon Tetrachloride
Concen: 4.972 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion:	117	Resp:	13250
Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.6
121	26.9	24.0	36.0





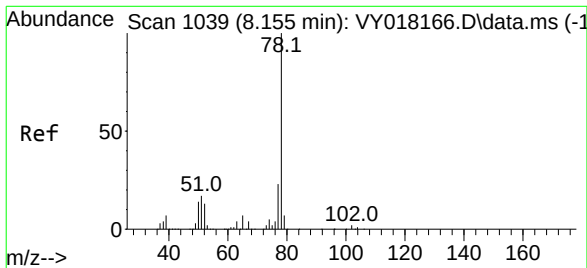
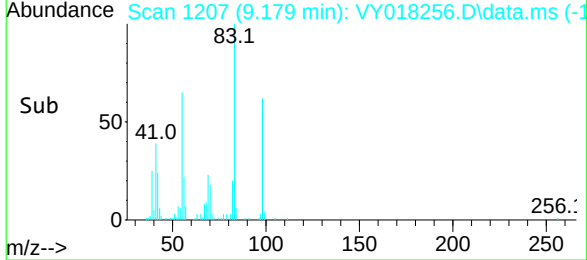
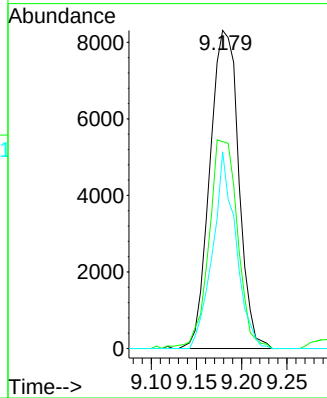
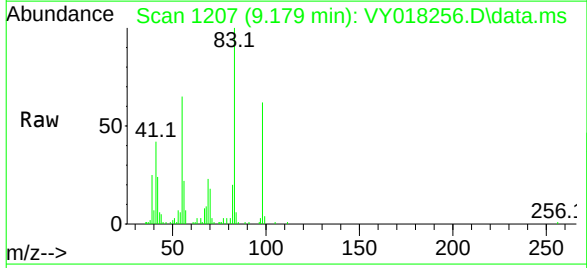
#39
Methylcyclohexane
Concen: 5.244 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

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

Tgt Ion	Ratio	Lower	Upper
83	100		
55	65.0	51.5	77.3
98	61.8	40.5	60.7

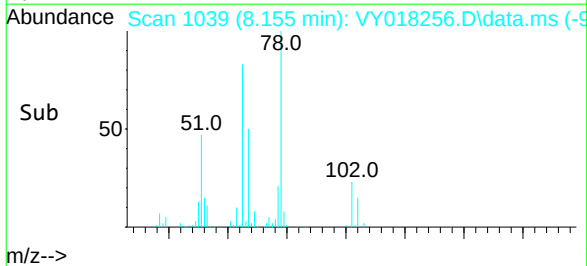
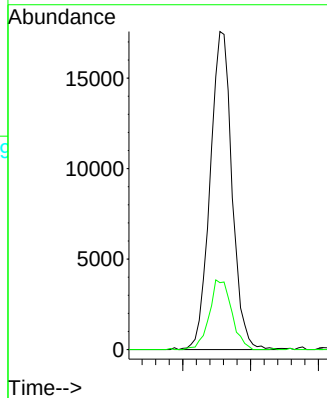
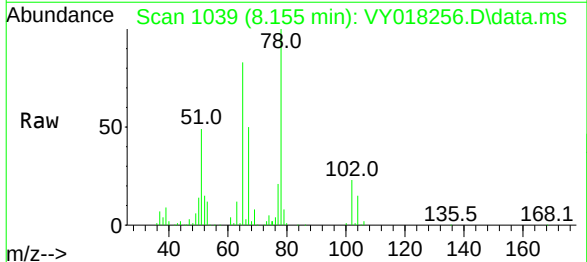
Manual Integrations
APPROVED

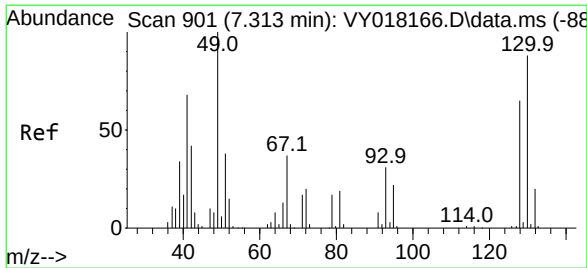
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#40
Benzene
Concen: 5.023 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

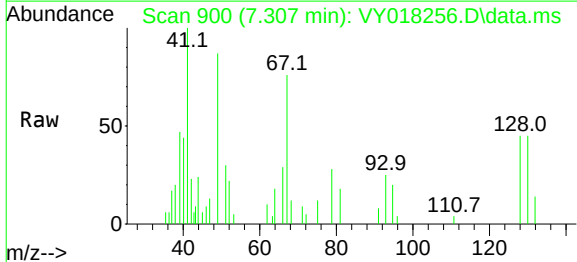
Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.0	19.5	29.3





#41
Methacrylonitrile
Concen: 5.043 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

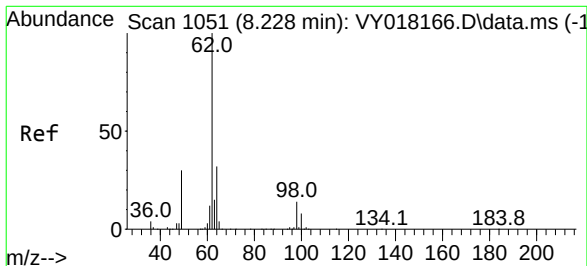
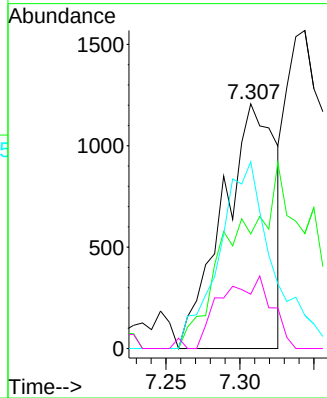
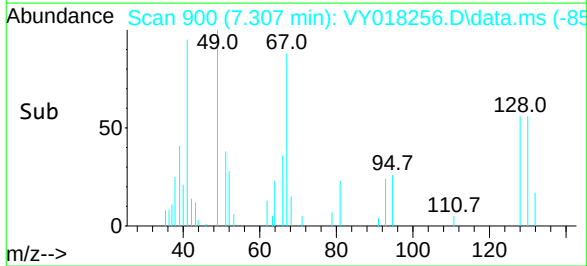
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 41 Resp: 2989
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 79.3 75.1 112.7
52 28.1 29.8 44.6#

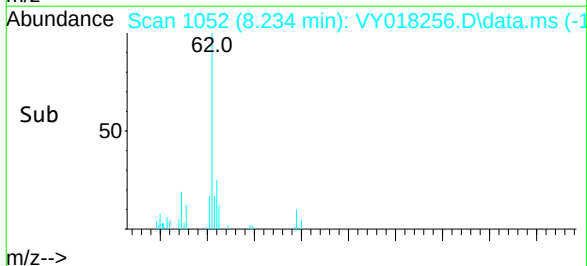
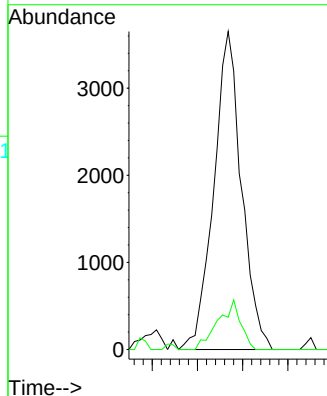
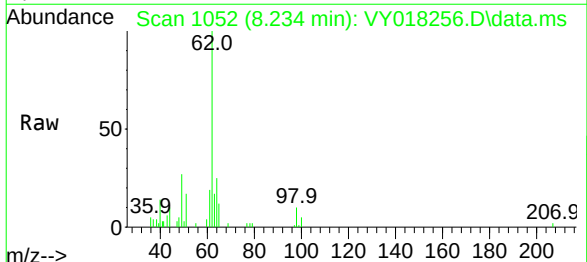
Manual Integrations
APPROVED

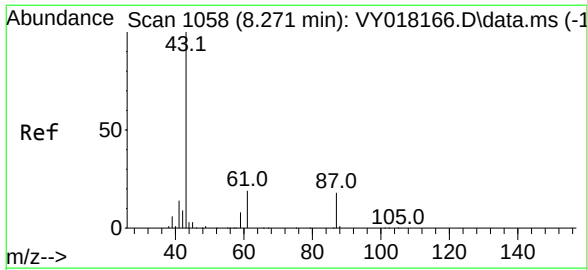
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#42
1,2-Dichloroethane
Concen: 4.552 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion: 62 Resp: 7769
Ion Ratio Lower Upper
62 100
98 12.8 0.0 22.0





#43

Isopropyl Acetate

Concen: 4.322 ug/l

RT: 8.264 min Scan# 1058

Delta R.T. -0.006 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

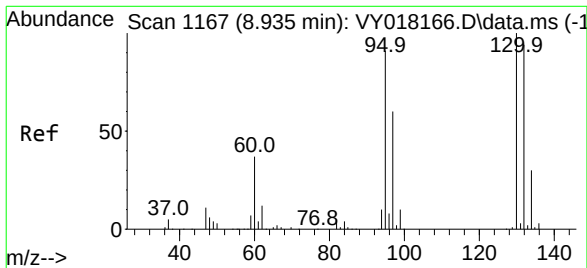
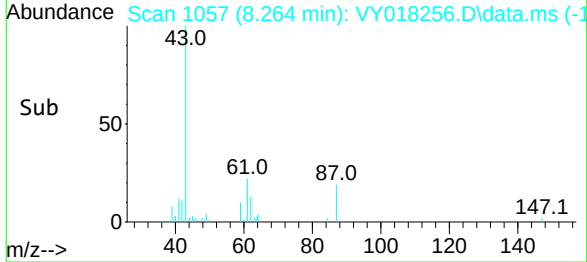
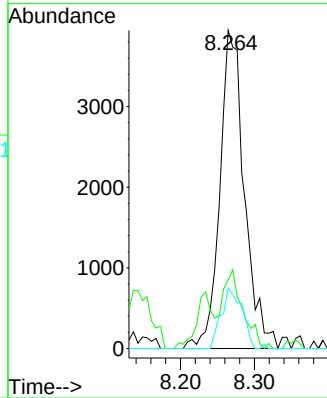
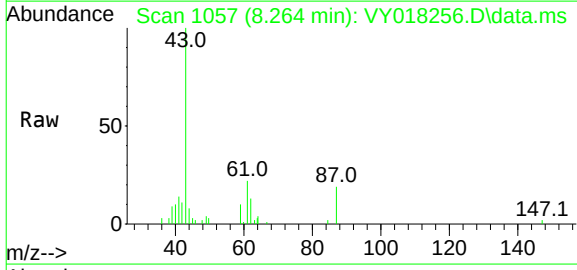
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 43	Resp: 9094
Ion Ratio	Lower Upper
43 100	
61 20.7	27.9 41.9
87 16.1	13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#44

Trichloroethene

Concen: 4.888 ug/l

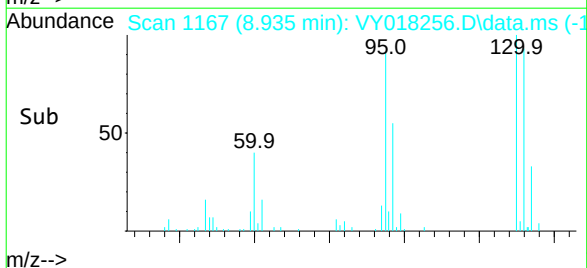
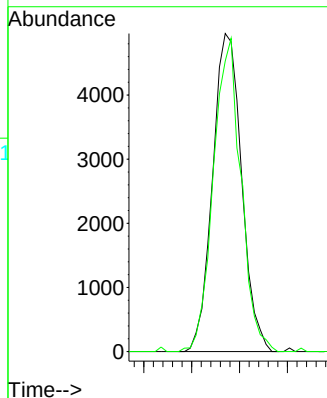
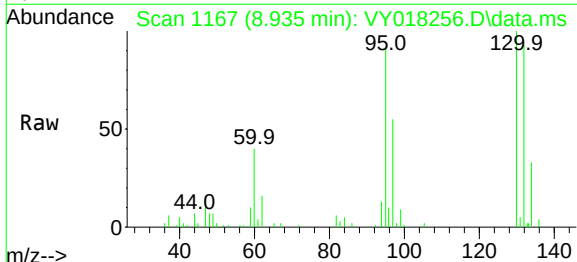
RT: 8.935 min Scan# 1167

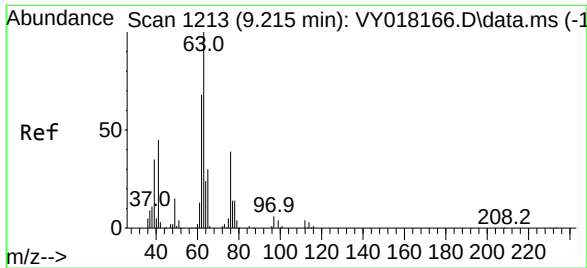
Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Tgt Ion:130	Resp: 10439
Ion Ratio	Lower Upper
130 100	
95 91.4	0.0 188.0





#45

1,2-Dichloropropane

Concen: 4.813 ug/l

RT: 9.209 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 63 Resp: 8255

Ion Ratio Lower Upper

63 100

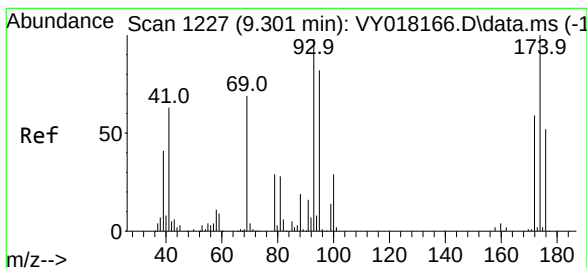
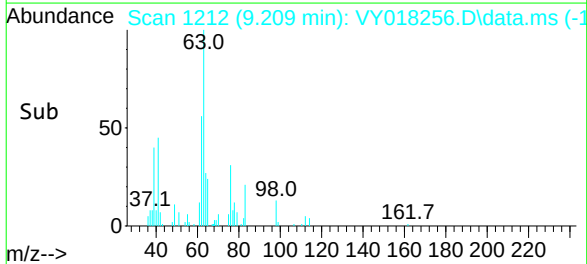
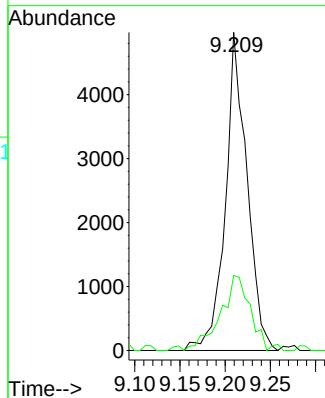
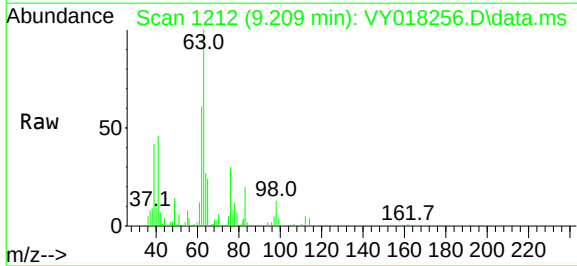
65 22.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024

Supervised By :Semsettin Yesilyurt 05/15/2024



#46

Dibromomethane

Concen: 4.477 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

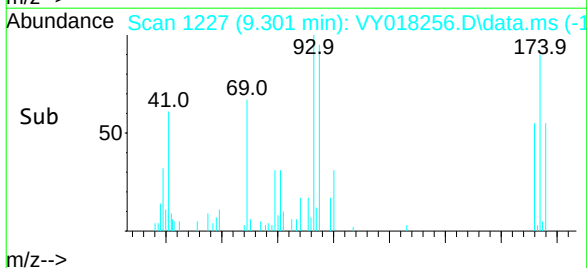
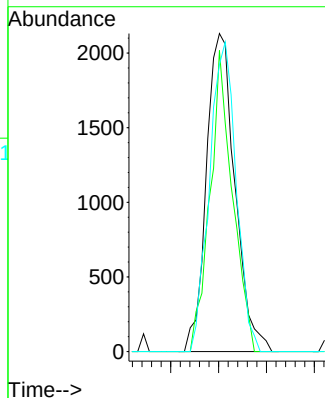
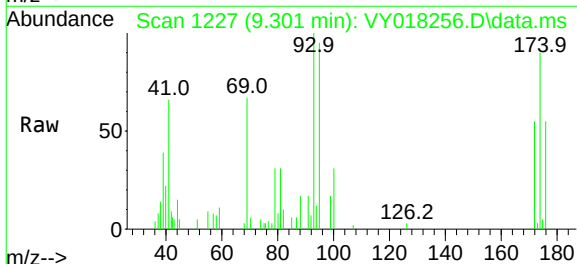
Tgt Ion: 93 Resp: 4414

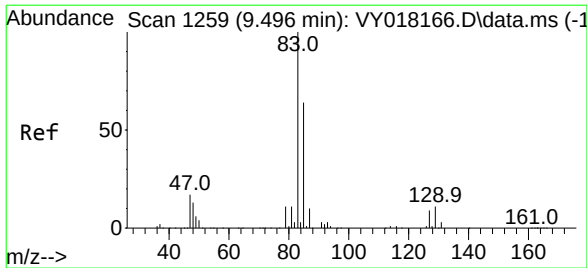
Ion Ratio Lower Upper

93 100

95 74.9 66.2 99.4

174 91.2 80.9 121.3





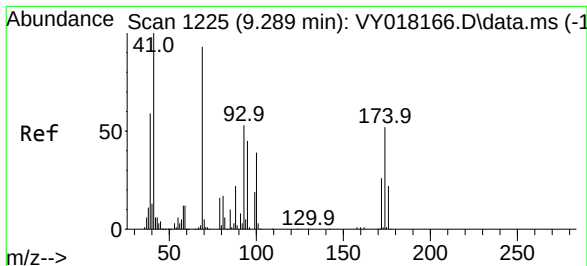
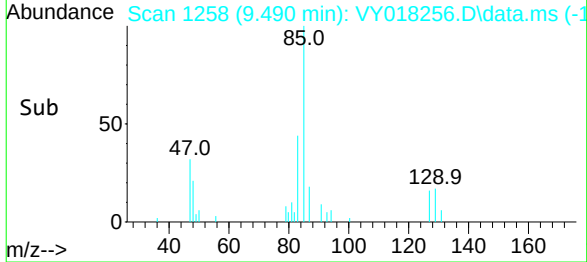
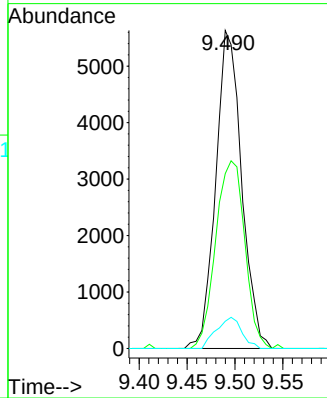
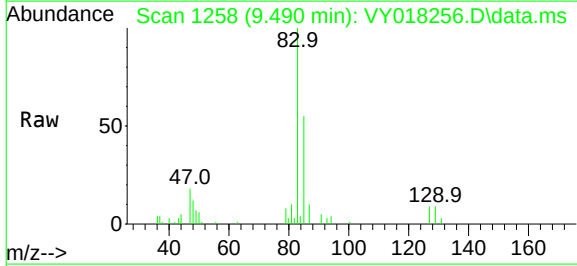
#47
Bromodichloromethane
Concen: 4.346 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

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

Tgt Ion: 83	Resp: 10594
Ion Ratio	Lower Upper
83 100	
85 55.0	50.1 75.1
127 8.6	7.4 11.0

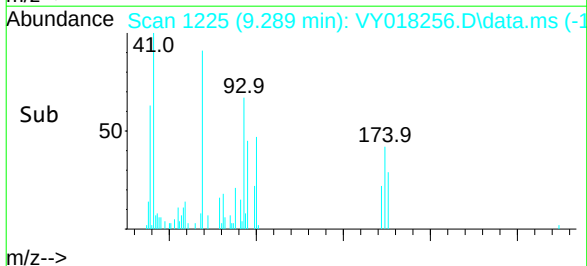
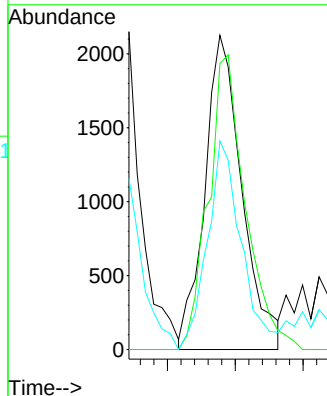
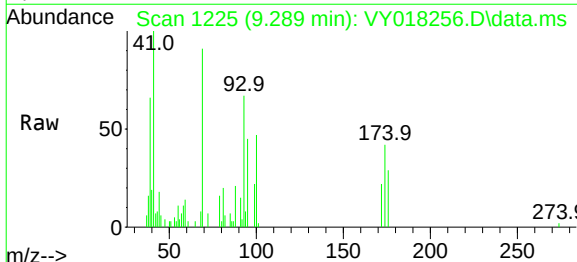
Manual Integrations
APPROVED

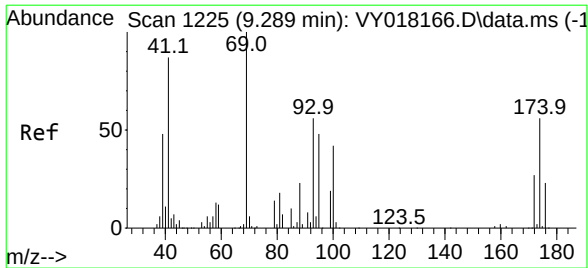
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#48
Methyl methacrylate
Concen: 4.188 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

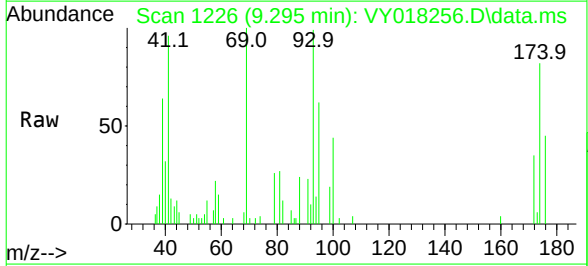
Tgt Ion: 41	Resp: 4038
Ion Ratio	Lower Upper
41 100	
69 93.9	84.1 126.1
39 60.7	43.6 65.4





#49
1,4-Dioxane
Concen: 85.123 ug/l
RT: 9.295 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

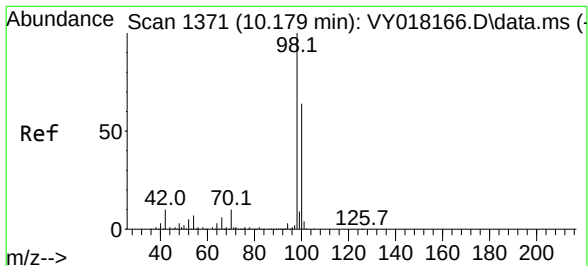
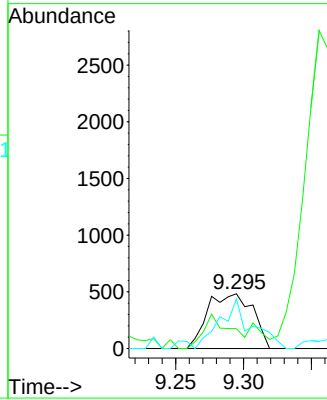
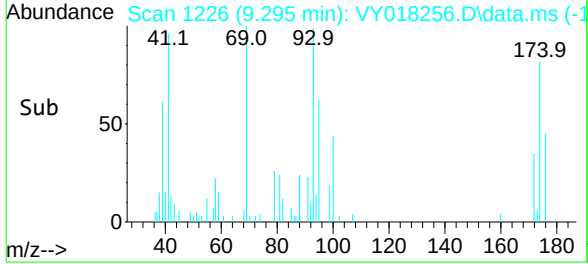
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 88 Resp: 1114
Ion Ratio Lower Upper
88 100
43 37.4 0.0 0.0#
58 67.9 49.3 73.9

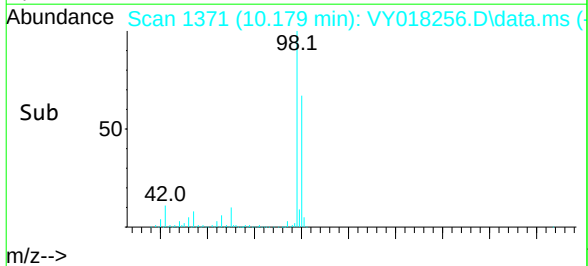
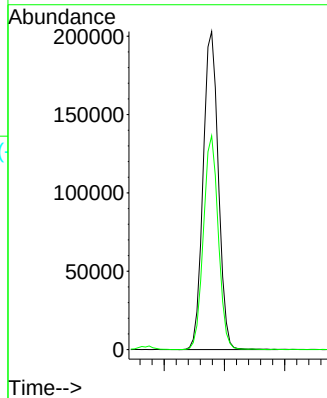
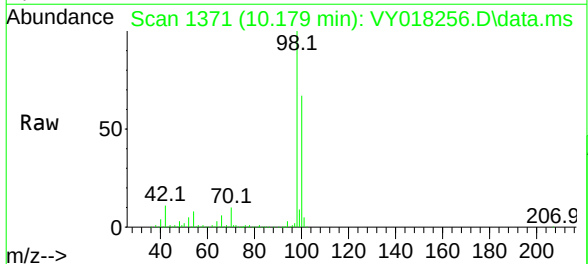
Manual Integrations
APPROVED

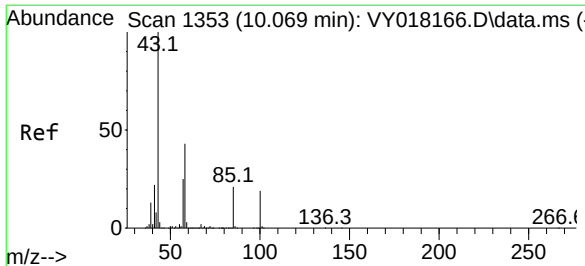
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#50
Toluene-d8
Concen: 53.091 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion: 98 Resp: 355908
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0





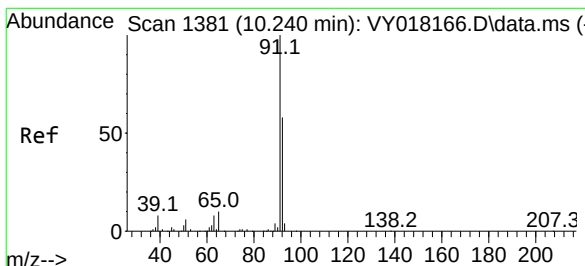
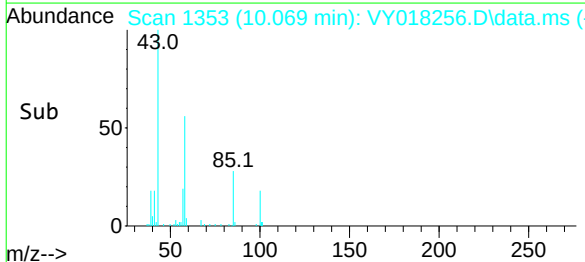
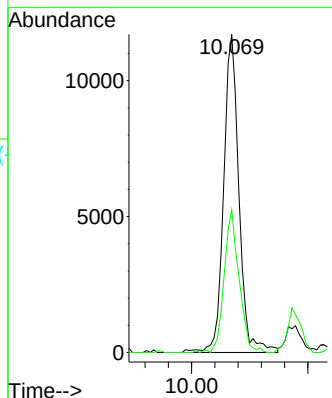
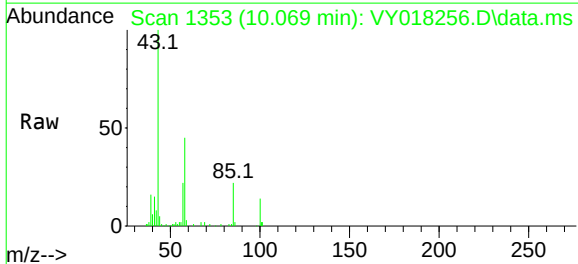
#51
4-Methyl-2-Pentanone
Concen: 20.239 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

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

Tgt Ion: 43 Resp: 21402
Ion Ratio Lower Upper
43 100
58 43.6 35.7 53.5

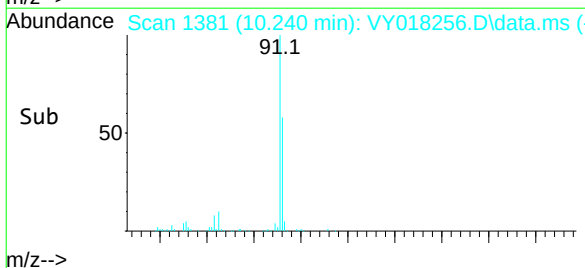
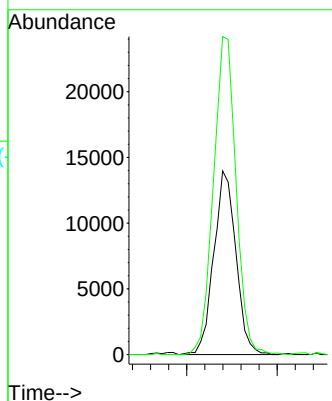
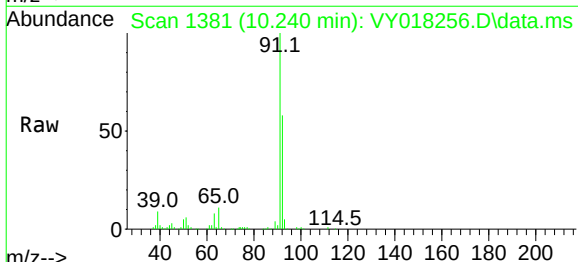
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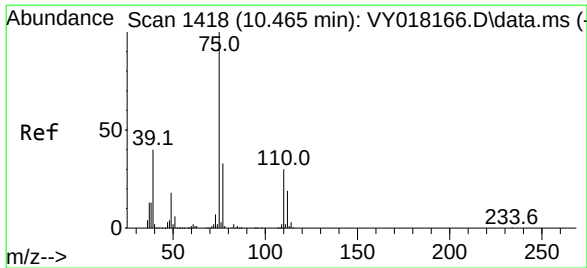
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#52
Toluene
Concen: 4.709 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion: 92 Resp: 23783
Ion Ratio Lower Upper
92 100
91 176.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 4.220 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

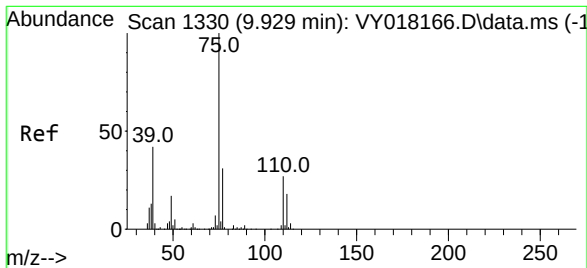
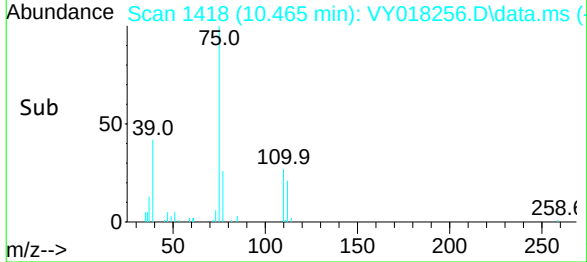
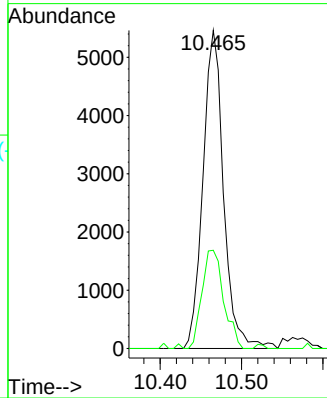
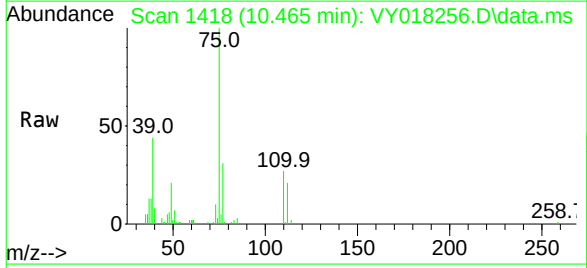
LOD-MDL-SOIL-01-QT2-2024

Tgt	Ion: 75	Resp:	9607
Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.1	36.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#54

cis-1,3-Dichloropropene

Concen: 4.377 ug/l

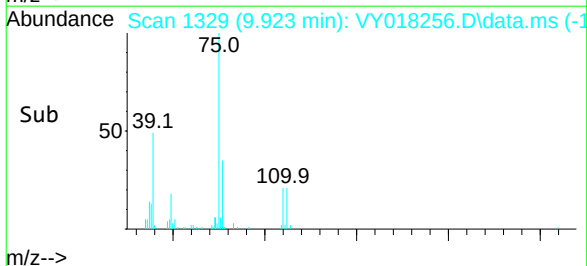
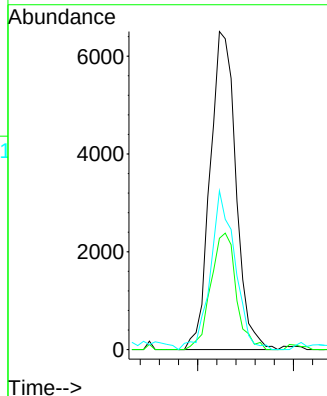
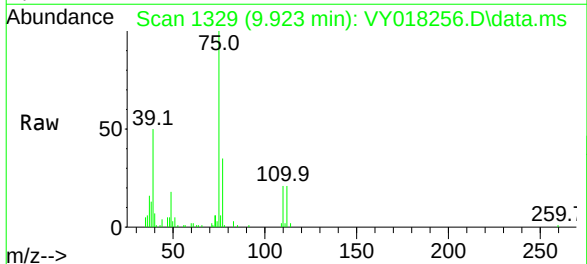
RT: 9.923 min Scan# 1329

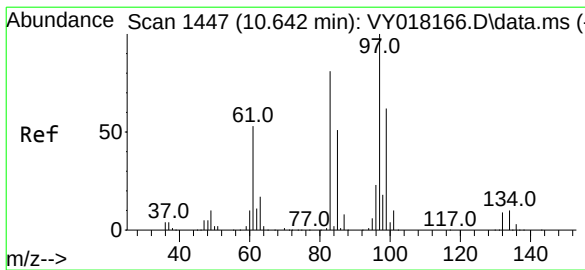
Delta R.T. -0.006 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Tgt	Ion: 75	Resp:	12182
Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.4	38.0
39	49.9	29.8	44.6





#55

1,1,2-Trichloroethane

Concen: 4.225 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018256.D

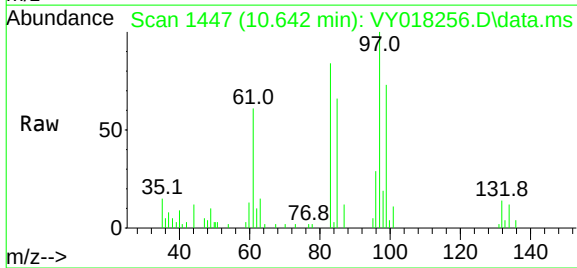
Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 97 Resp: 5723

Ion Ratio Lower Upper

97 100

83 83.7 67.5 101.3

85 65.7 42.9 64.3#

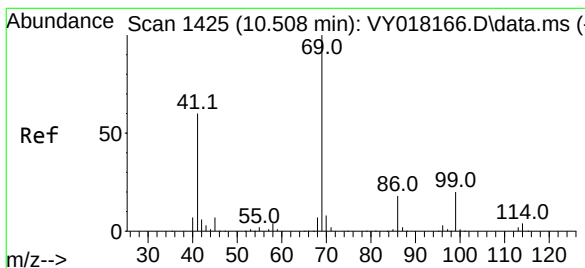
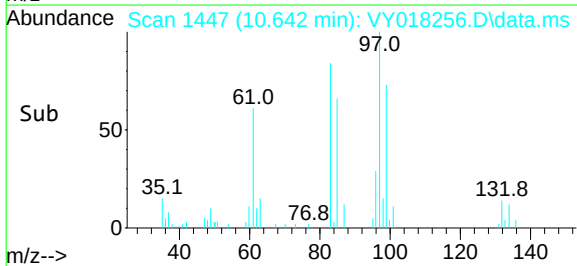
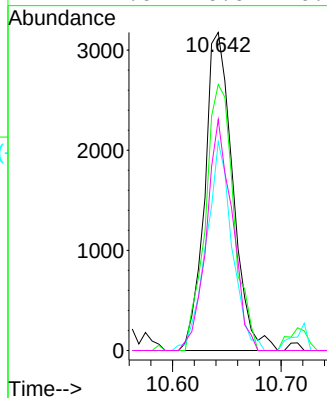
99 72.6 46.6 70.0#

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024

Supervised By :Semsettin Yesilyurt 05/15/2024



#56

Ethyl methacrylate

Concen: 3.842 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

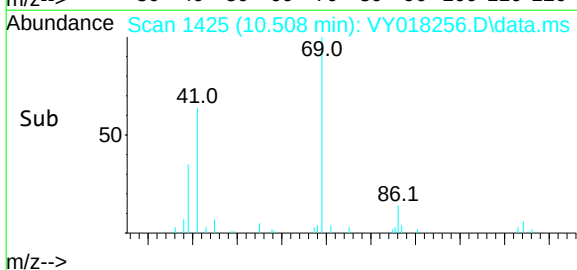
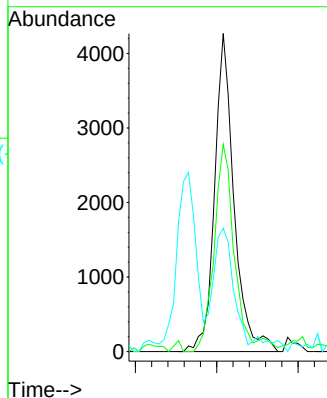
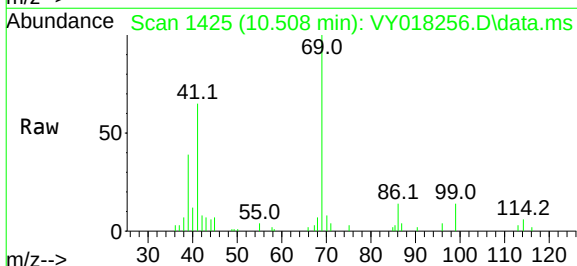
Tgt Ion: 69 Resp: 7068

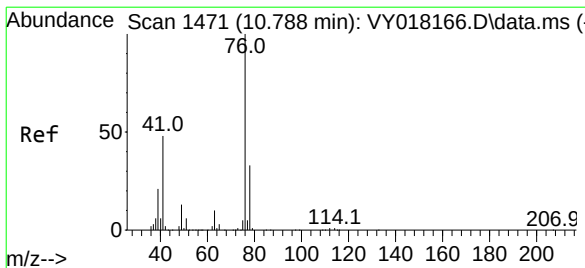
Ion Ratio Lower Upper

69 100

41 66.3 42.3 63.5#

39 39.5 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 4.364 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018256.D

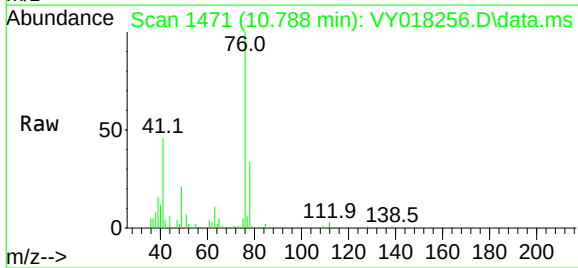
Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 76 Resp: 9620

Ion Ratio Lower Upper

76 100

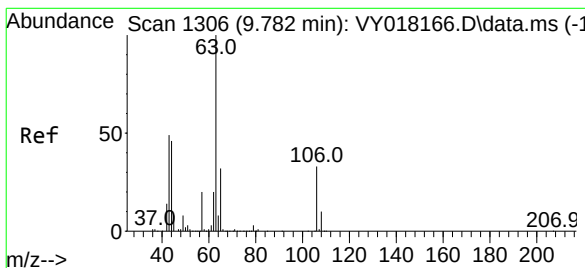
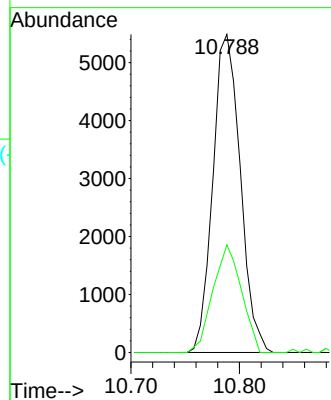
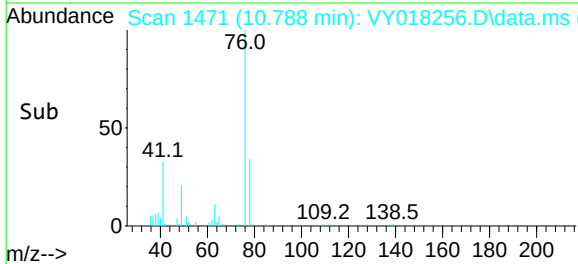
78 35.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024

Supervised By :Semsettin Yesilyurt 05/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 13.361 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY018256.D

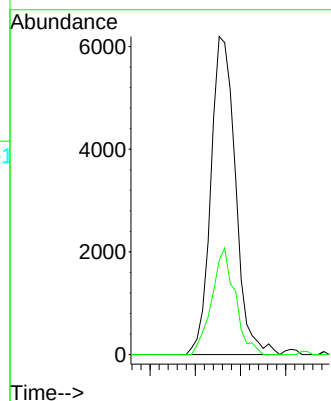
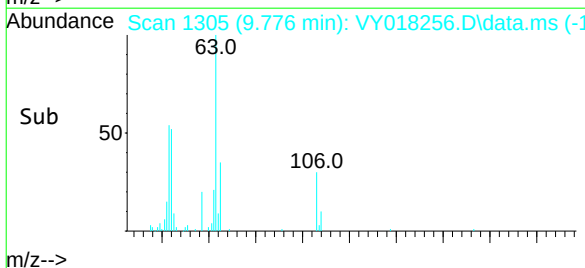
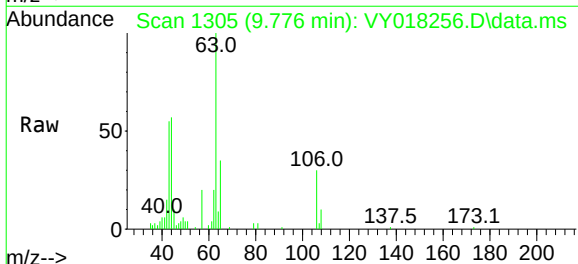
Acq: 14 May 2024 14:24

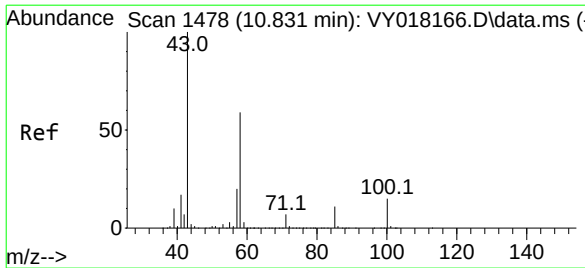
Tgt Ion: 63 Resp: 11736

Ion Ratio Lower Upper

63 100

106 31.7 23.7 35.5





#59

2-Hexanone

Concen: 18.004 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 43 Resp: 13312

Ion Ratio Lower Upper

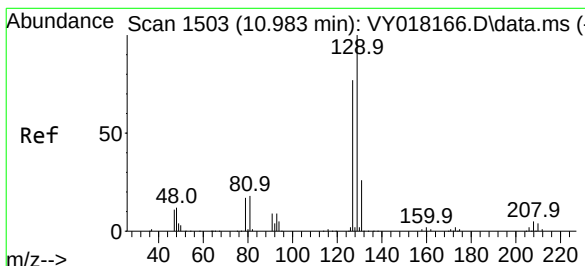
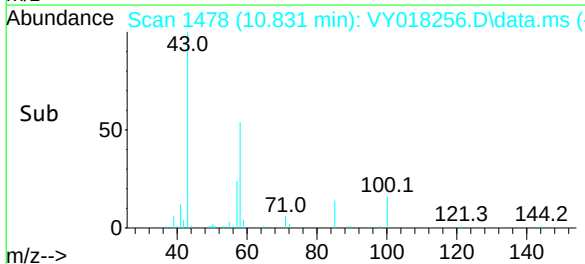
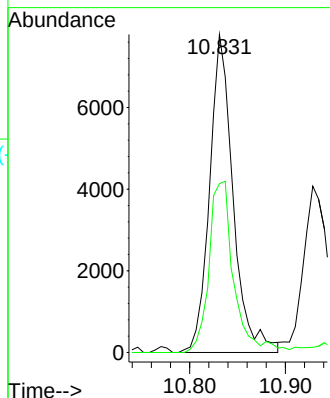
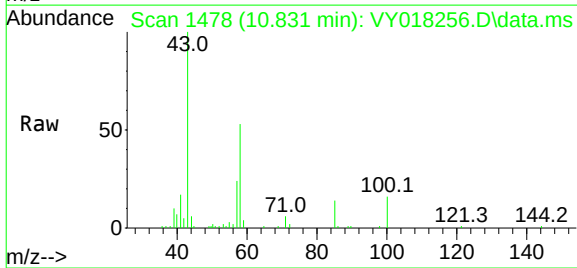
43 100

58 56.4 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#60

Dibromochloromethane

Concen: 4.062 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY018256.D

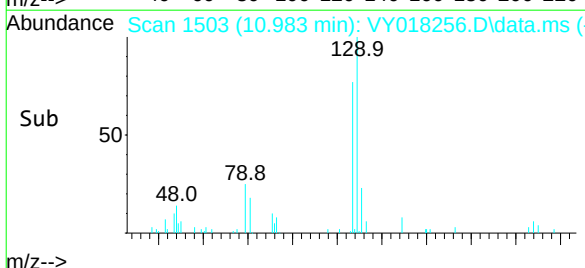
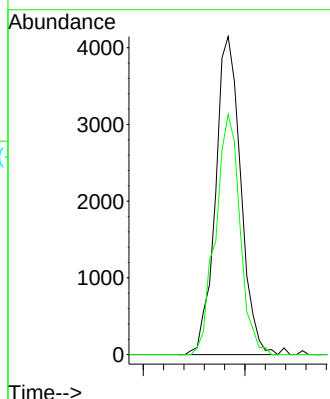
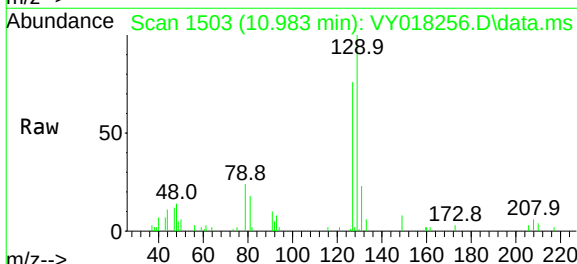
Acq: 14 May 2024 14:24

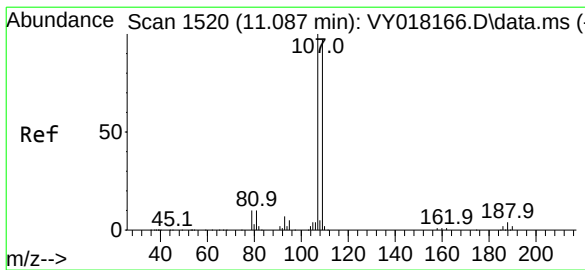
Tgt Ion:129 Resp: 7137

Ion Ratio Lower Upper

129 100

127 73.4 39.0 117.0





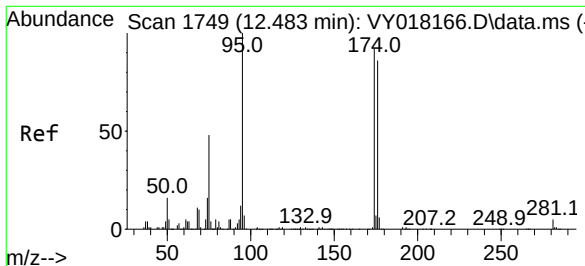
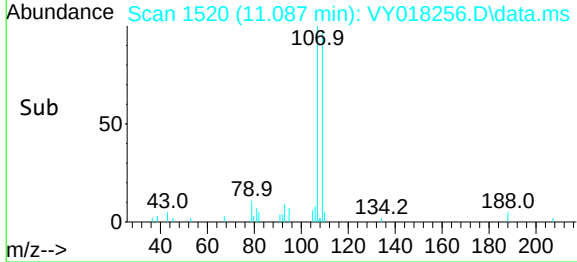
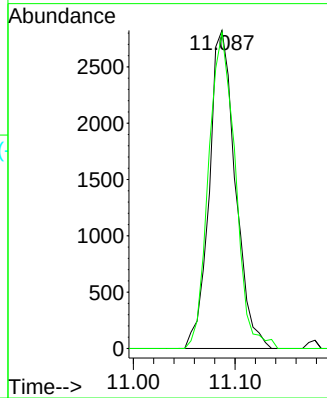
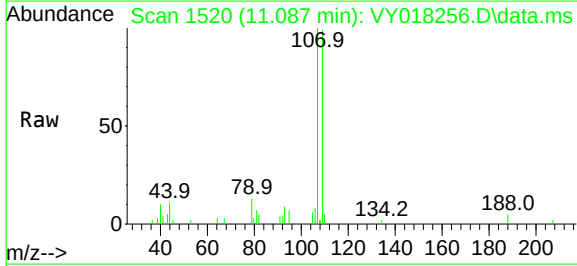
#61
1,2-Dibromoethane
Concen: 3.941 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

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

Tgt Ion: 107 Resp: 5028
Ion Ratio Lower Upper
107 100
109 101.3 75.9 113.9

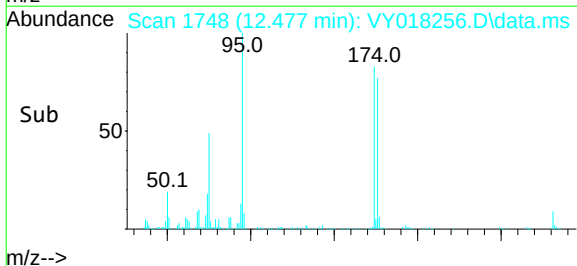
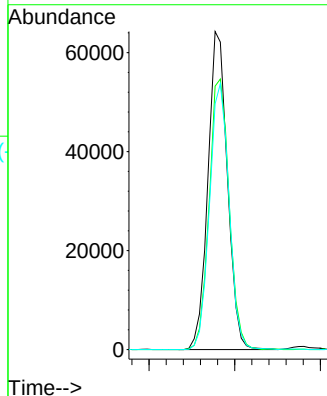
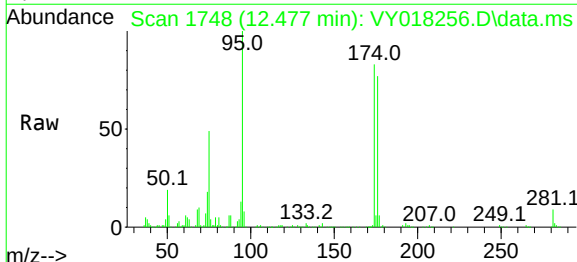
Manual Integrations
APPROVED

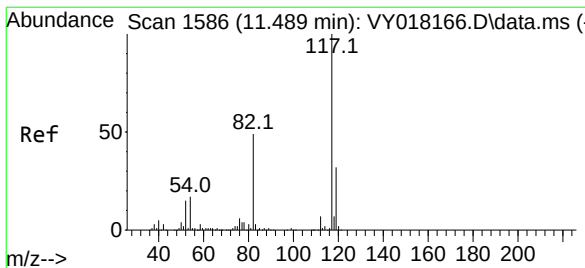
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#62
4-Bromofluorobenzene
Concen: 46.811 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion: 95 Resp: 101342
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.6
176 84.1 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: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

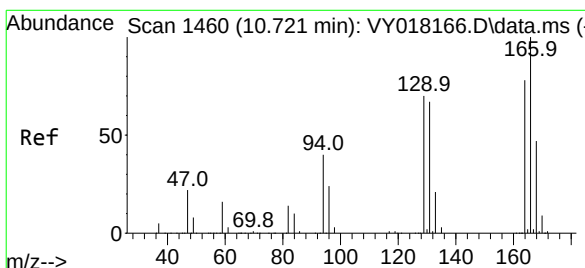
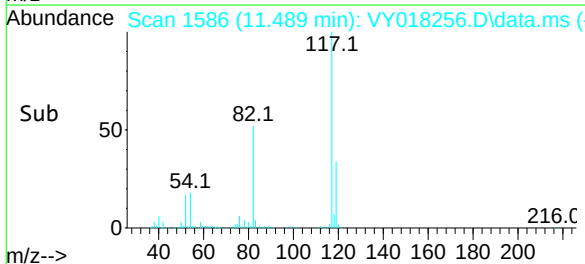
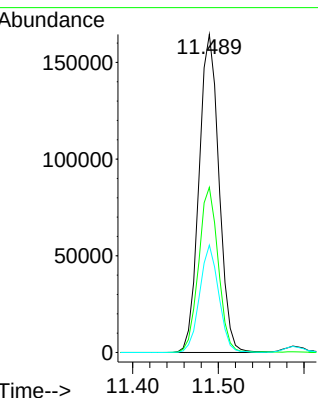
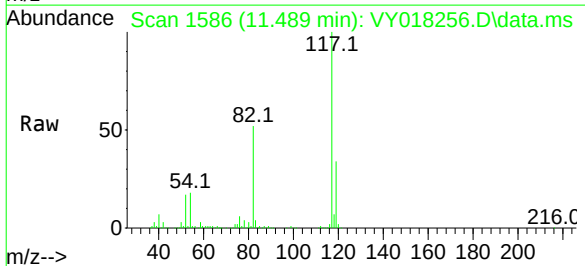
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	117	Resp:	266410
Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.4	63.6
119	33.7	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#64

Tetrachloroethene

Concen: 4.713 ug/l

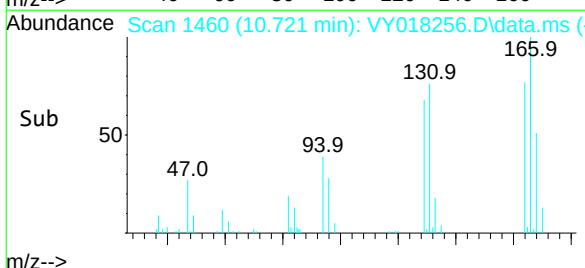
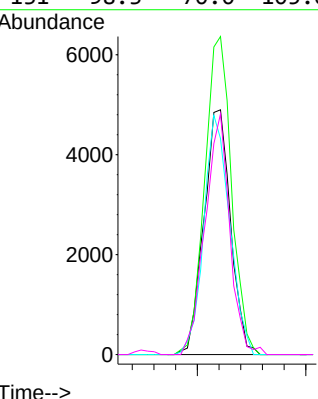
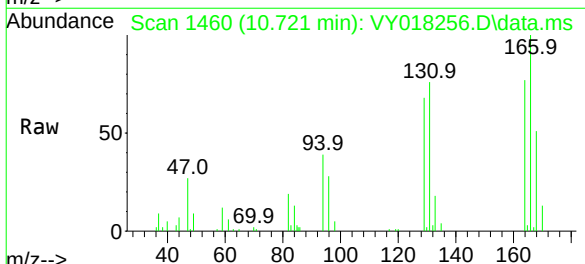
RT: 10.721 min Scan# 1460

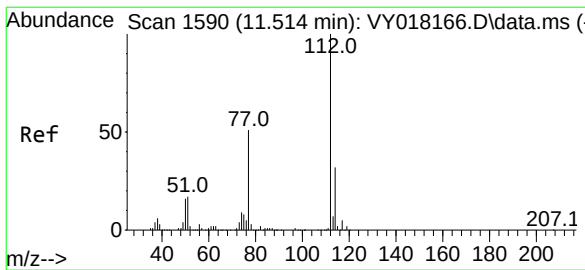
Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Tgt Ion:	164	Resp:	8360
Ion	Ratio	Lower	Upper
164	100		
166	130.0	102.6	154.0
129	88.3	72.0	108.0
131	98.3	70.0	105.0





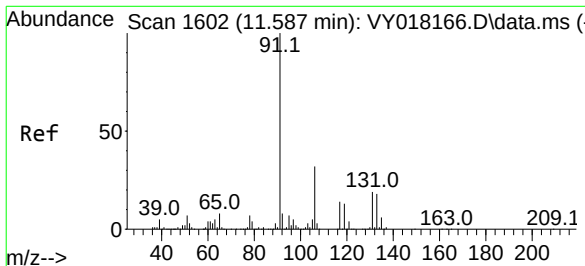
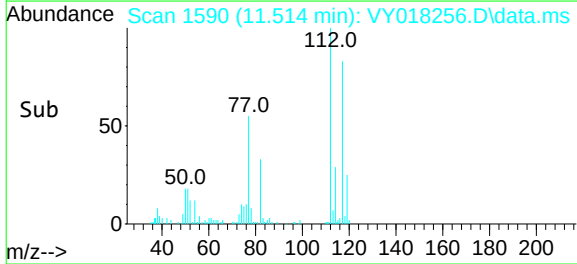
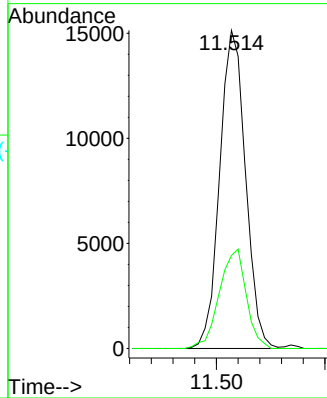
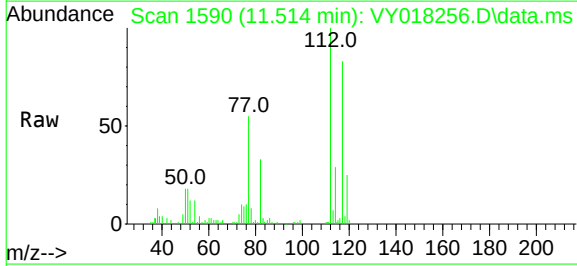
#65
Chlorobenzene
Concen: 4.602 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

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

Tgt Ion:112 Resp: 24970
Ion Ratio Lower Upper
112 100
114 29.2 26.4 39.6

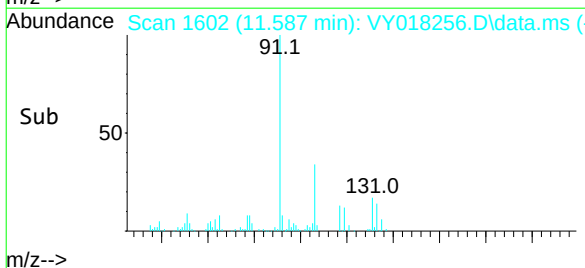
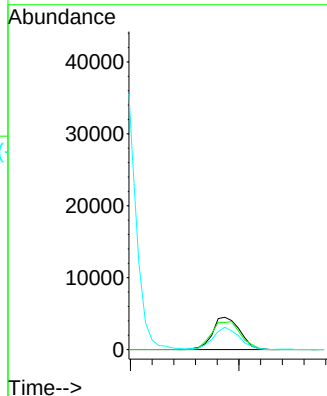
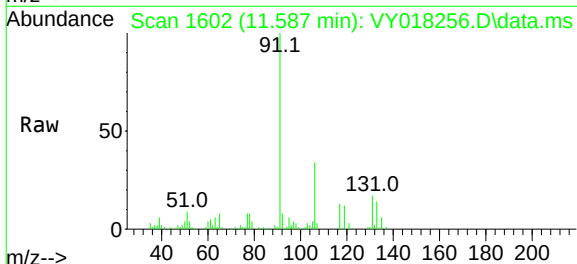
Manual Integrations
APPROVED

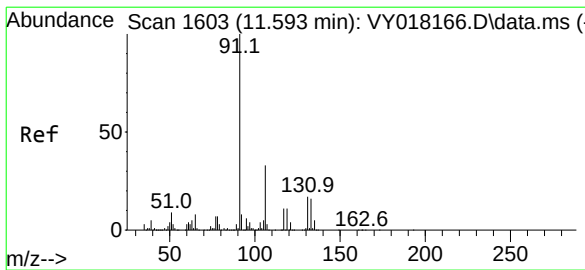
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.485 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion:131 Resp: 7872
Ion Ratio Lower Upper
131 100
133 92.7 47.8 143.3
119 66.3 34.1 102.2





#67

Ethyl Benzene

Concen: 4.948 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 91 Resp: 45333

Ion Ratio Lower Upper

91 100

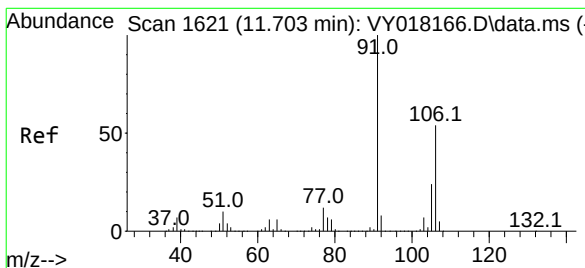
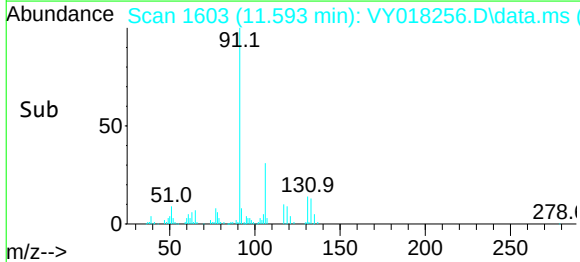
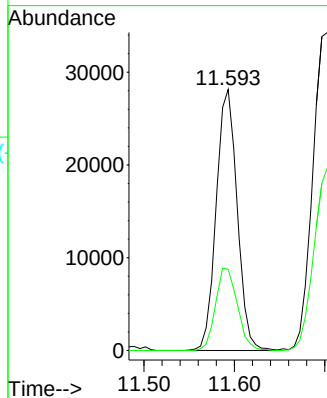
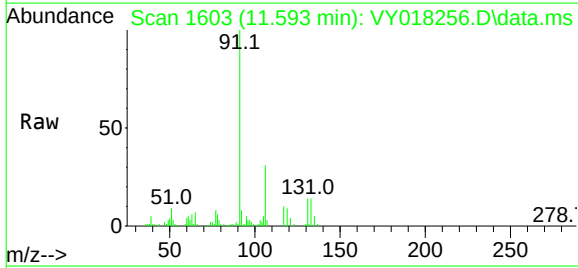
106 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024

Supervised By :Semsettin Yesilyurt 05/15/2024



#68

m/p-Xylenes

Concen: 9.735 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018256.D

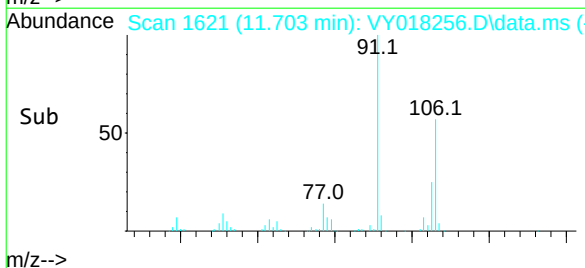
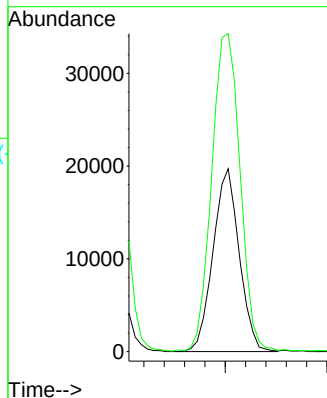
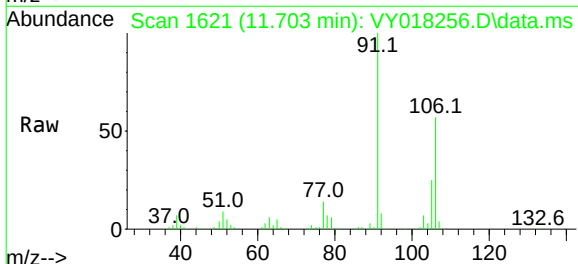
Acq: 14 May 2024 14:24

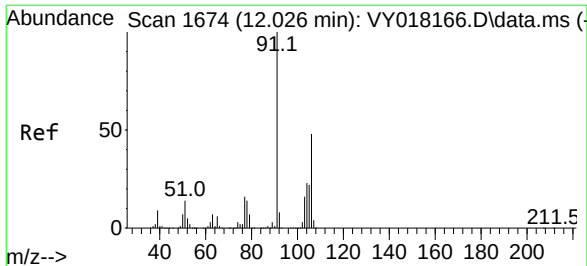
Tgt Ion:106 Resp: 35269

Ion Ratio Lower Upper

106 100

91 187.7 156.0 234.0





#69

o-Xylene

Concen: 4.662 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:106 Resp: 16208

Ion Ratio Lower Upper

106 100

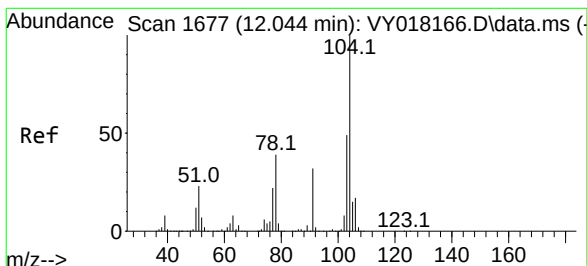
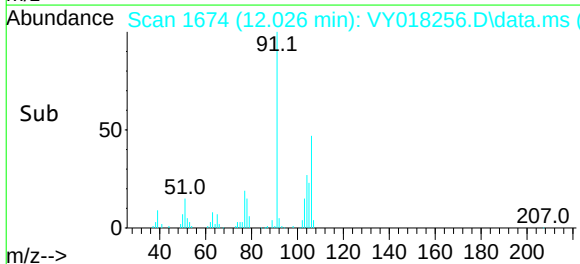
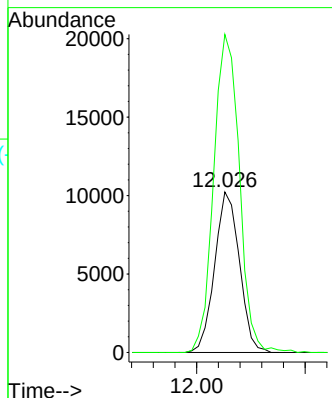
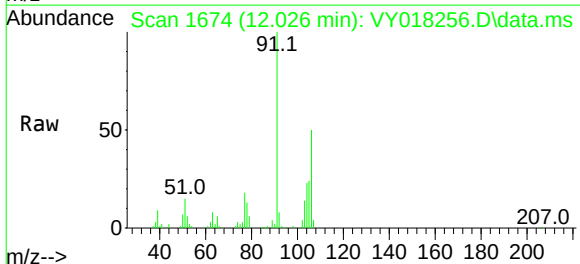
91 205.7 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024

Supervised By :Semsettin Yesilyurt 05/15/2024



#70

Styrene

Concen: 4.343 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

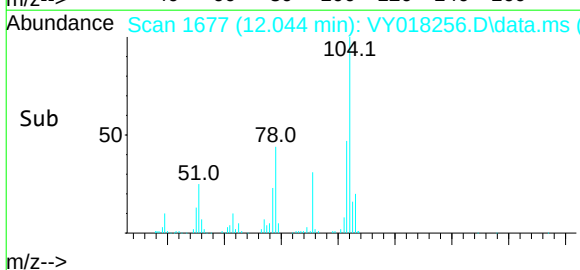
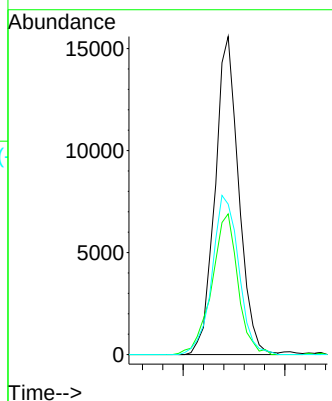
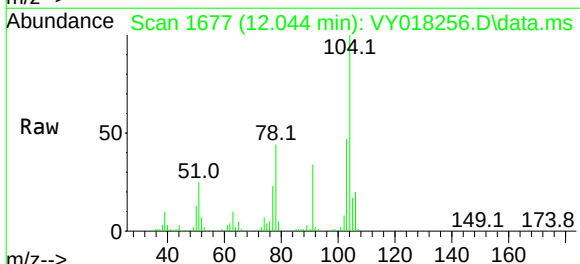
Tgt Ion:104 Resp: 25217

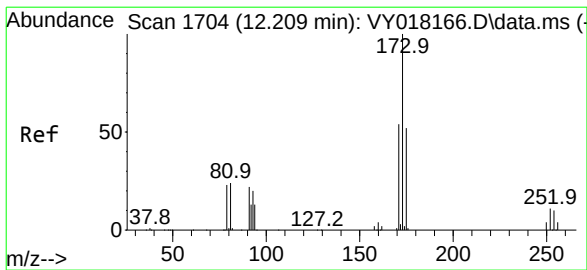
Ion Ratio Lower Upper

104 100

78 48.6 37.0 55.4

103 56.2 44.2 66.2





#71

Bromoform

Concen: 3.911 ug/l

RT: 12.203 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

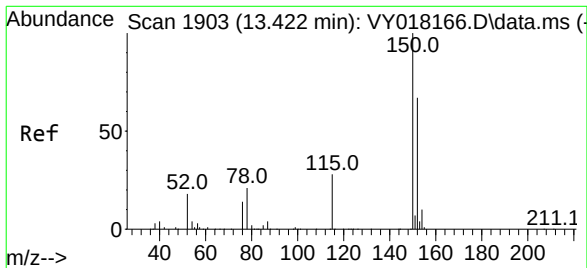
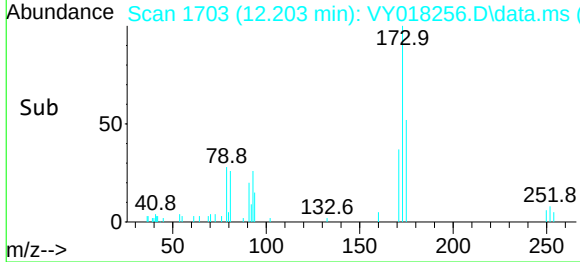
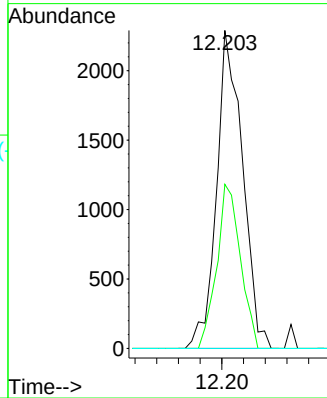
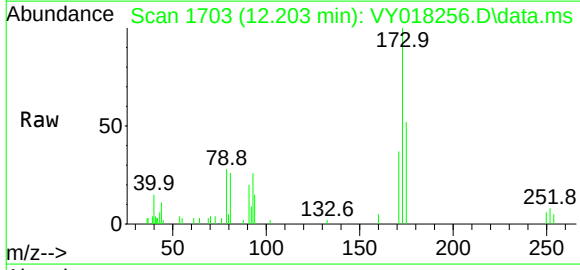
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	173	Resp:	3798
Ion Ratio	Lower	Upper	
173	100		
175	47.0	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

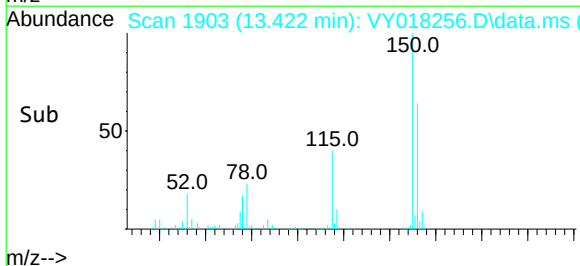
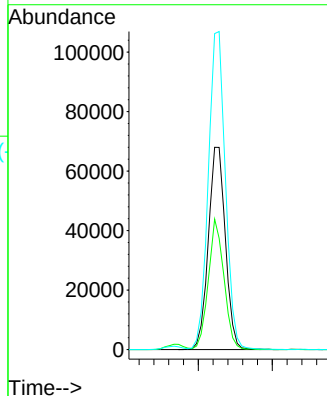
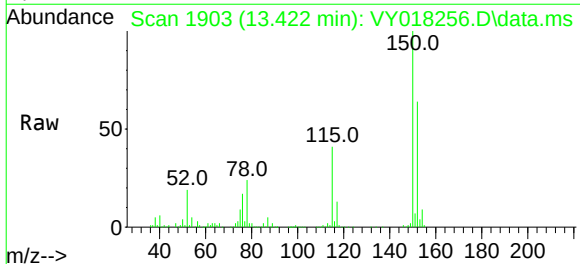
RT: 13.422 min Scan# 1903

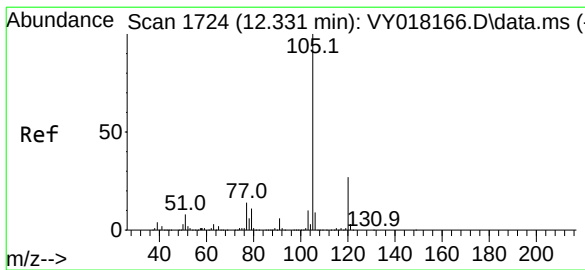
Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Tgt Ion:	152	Resp:	108782
Ion Ratio	Lower	Upper	
152	100		
115	59.0	28.2	84.7
150	157.8	0.0	345.6





#73

Isopropylbenzene

Concen: 5.177 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

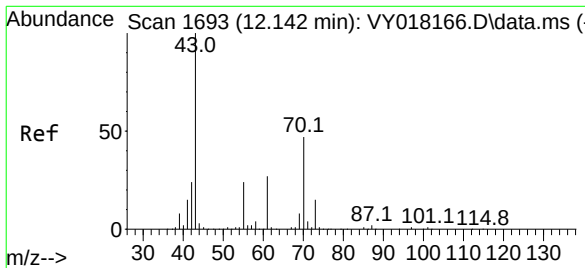
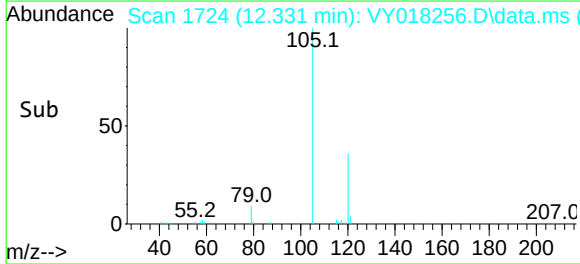
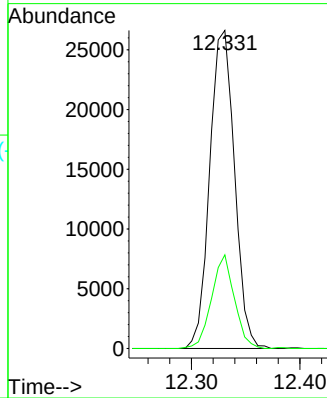
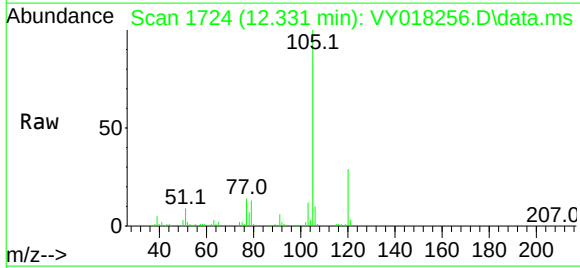
Tgt Ion:	105	Resp:	42222
Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024

Supervised By :Semsettin Yesilyurt 05/15/2024



#74

N-ethyl acetate

Concen: 4.269 ug/l

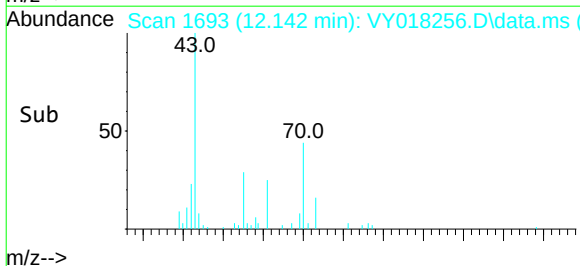
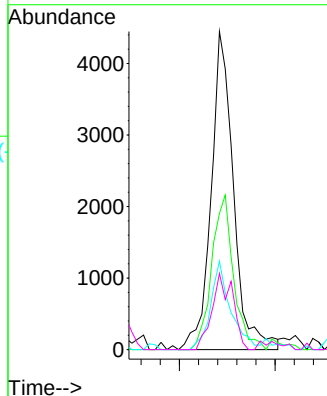
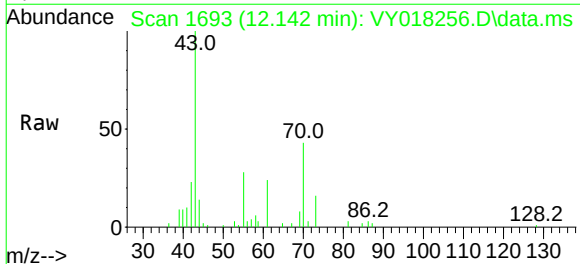
RT: 12.142 min Scan# 1693

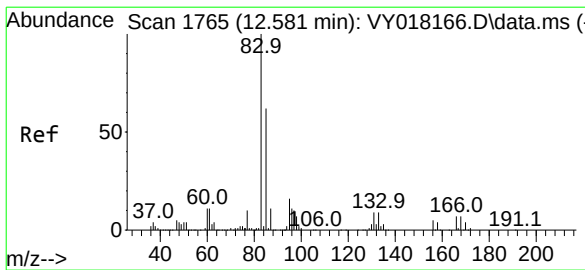
Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

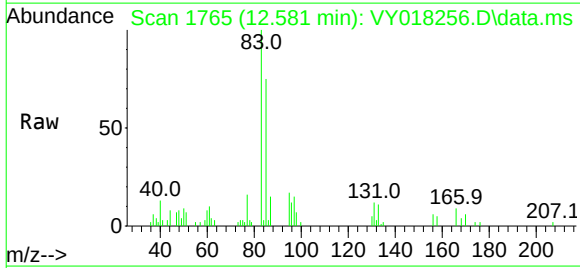
Tgt Ion:	43	Resp:	7228
Ion	Ratio	Lower	Upper
43	100		
70	47.4	41.4	62.2
55	25.1	23.3	34.9
61	22.2	22.6	33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 4.821 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

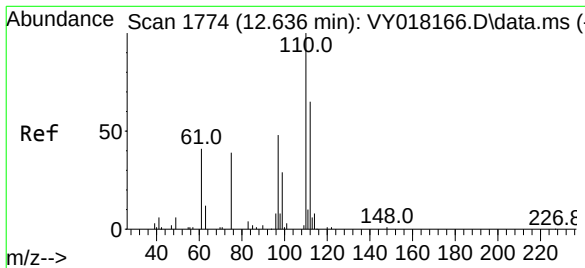
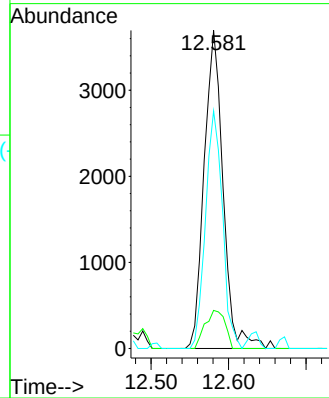
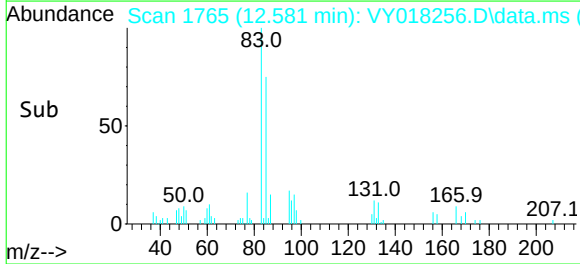
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.6	5.0	14.9
85	66.8	32.0	96.0

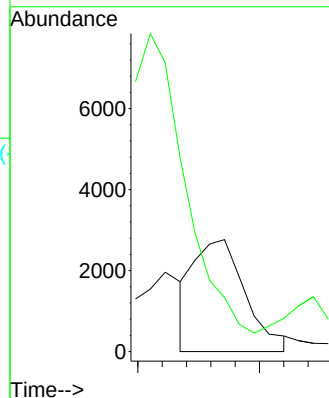
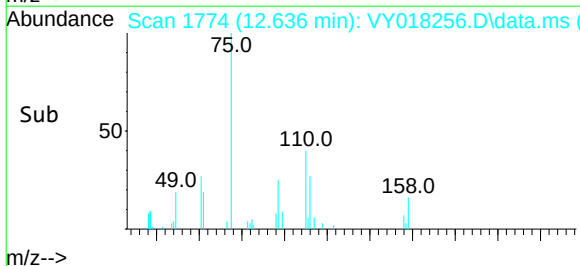
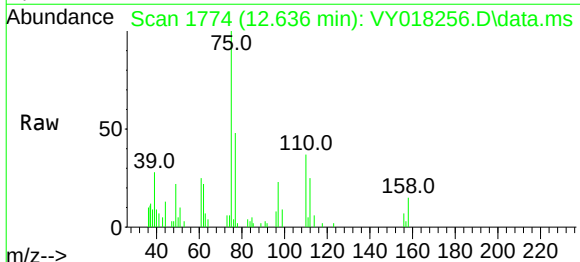
Manual Integrations
APPROVED

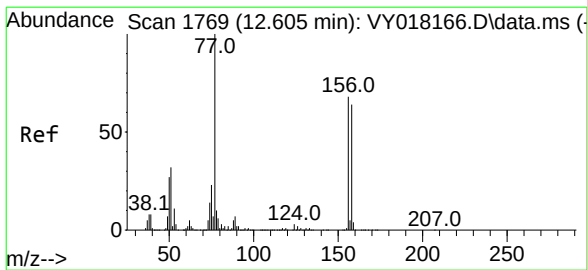
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#76
1,2,3-Trichloropropane
Concen: 4.704 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.750 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

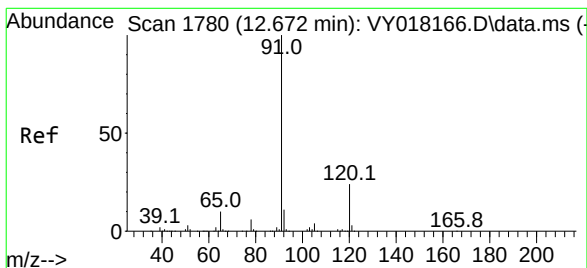
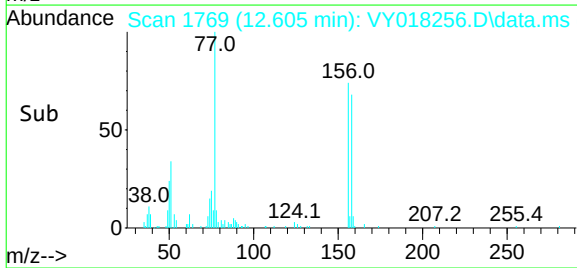
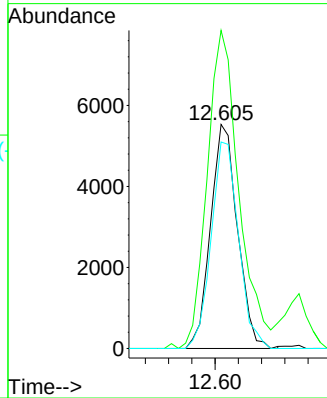
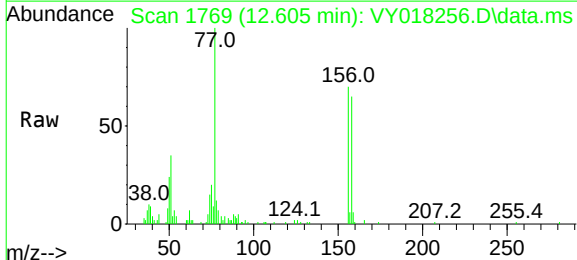
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	156	Resp:	8900
Ion Ratio	Lower	Upper	
156	100		
77	167.2	87.1	261.3
158	93.6	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#78

n-propylbenzene

Concen: 5.287 ug/l

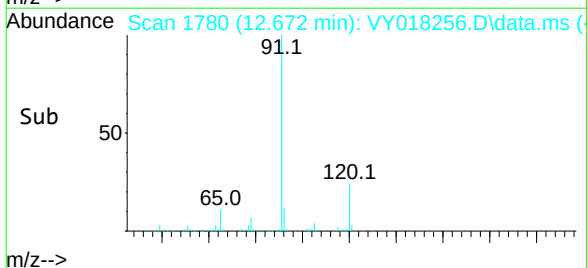
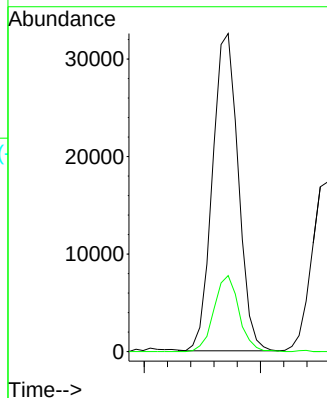
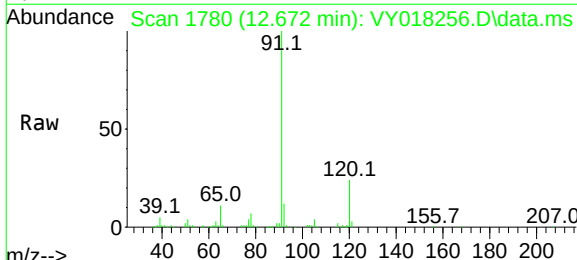
RT: 12.672 min Scan# 1780

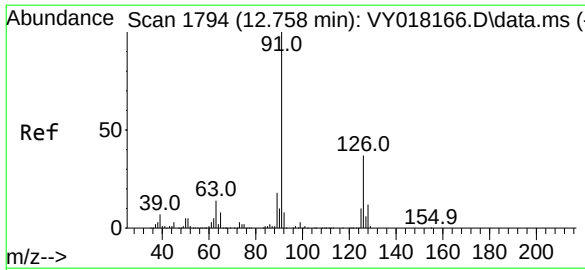
Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Tgt Ion:	91	Resp:	50159
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 5.158 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 91 Resp: 27192

Ion Ratio Lower Upper

91 100

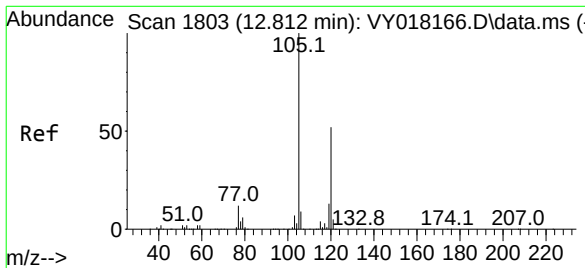
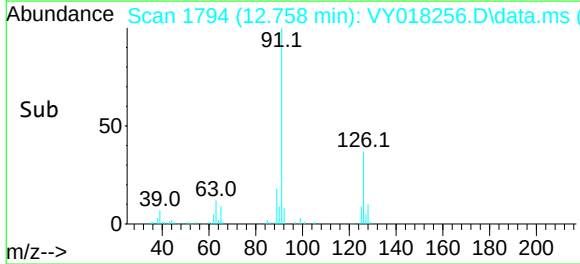
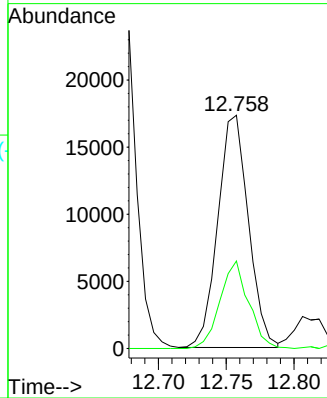
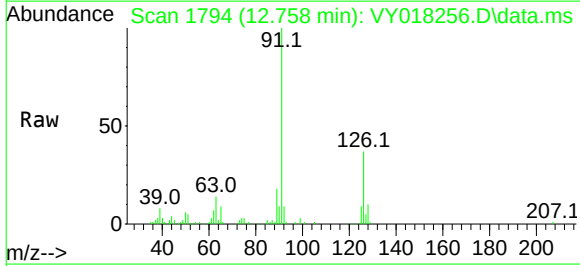
126 35.1 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024

Supervised By :Semsettin Yesilyurt 05/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 5.092 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018256.D

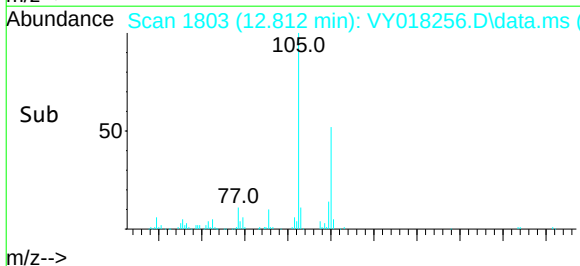
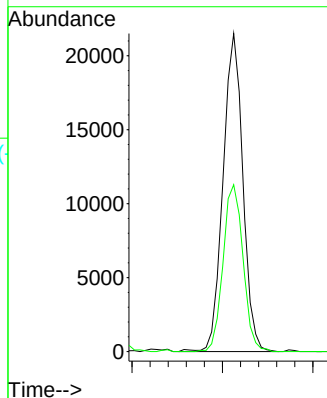
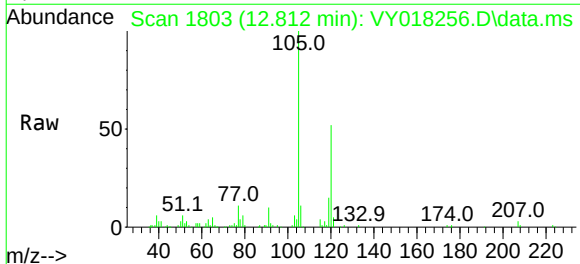
Acq: 14 May 2024 14:24

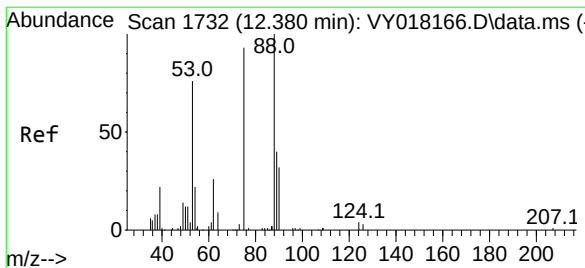
Tgt Ion:105 Resp: 32745

Ion Ratio Lower Upper

105 100

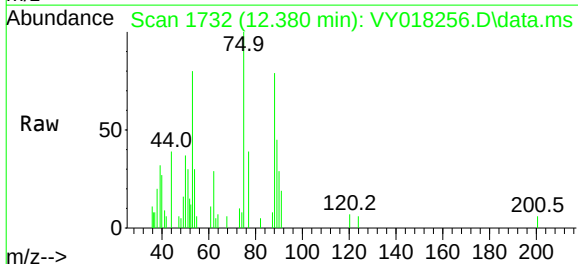
120 52.8 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.773 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

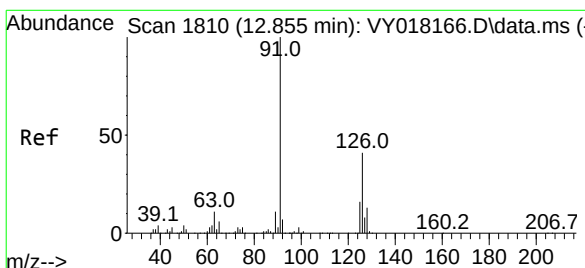
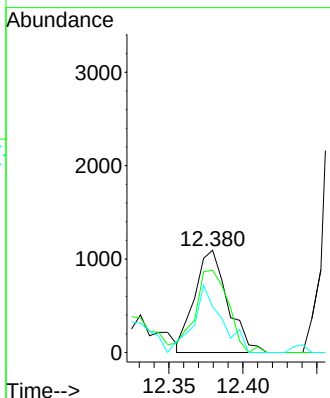
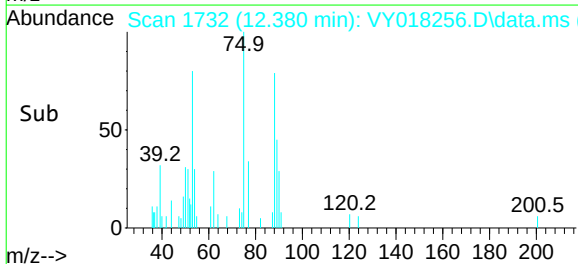
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 75 Resp: 1705
Ion Ratio Lower Upper
75 100
53 81.9 66.8 100.2
89 55.5 35.8 53.6#

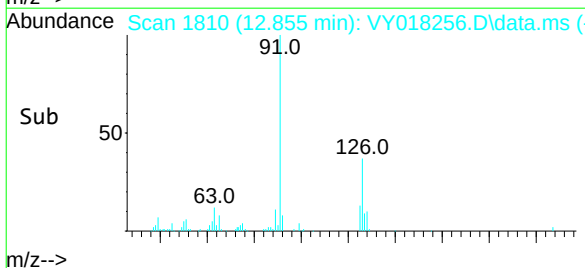
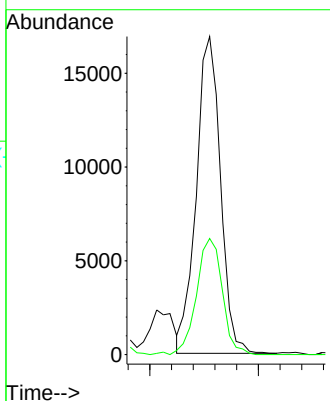
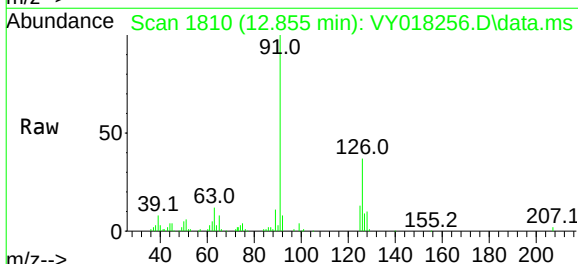
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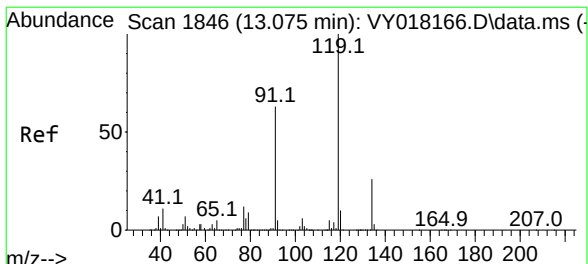
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#82
4-Chlorotoluene
Concen: 4.938 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

Tgt Ion: 91 Resp: 26148
Ion Ratio Lower Upper
91 100
126 39.1 17.6 52.9





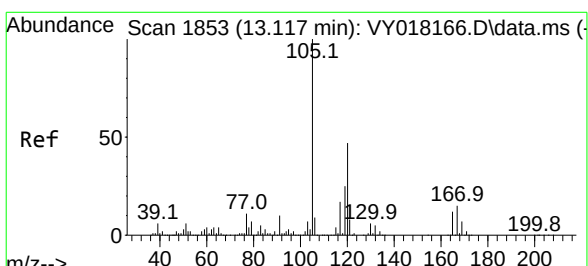
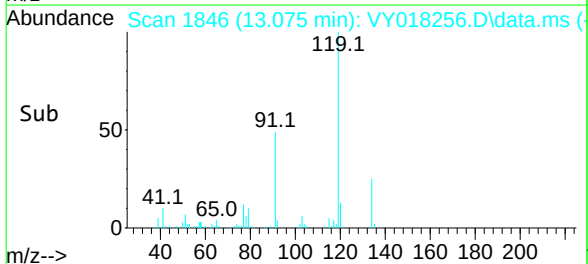
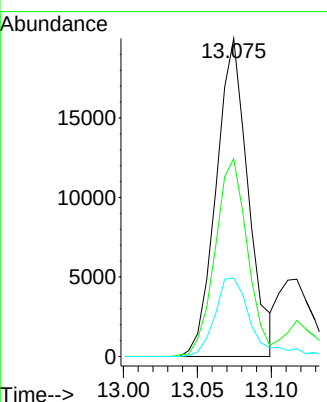
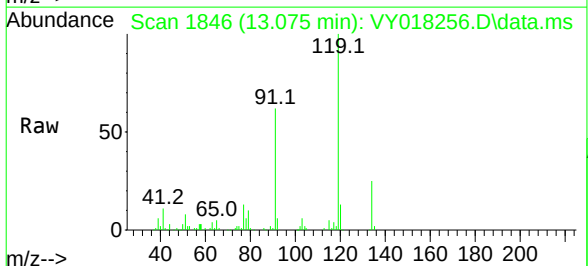
#83
 tert-Butylbenzene
 Concen: 5.074 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY018256.D
 Acq: 14 May 2024 14:24

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

Tgt Ion:	119	Resp:	30102
Ion	Ratio	Lower	Upper
119	100		
91	62.7	31.3	93.8
134	28.1	13.4	40.1

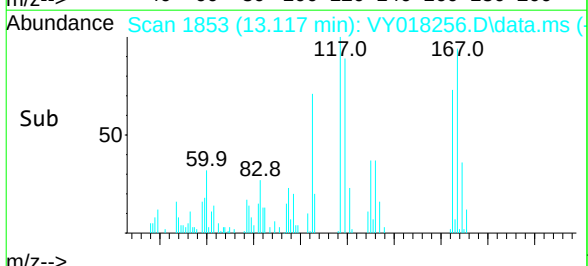
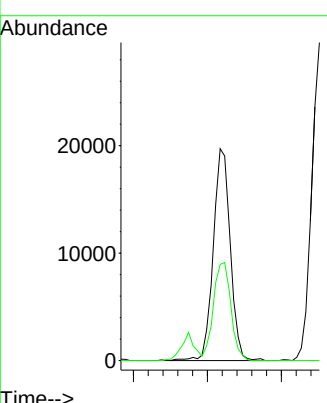
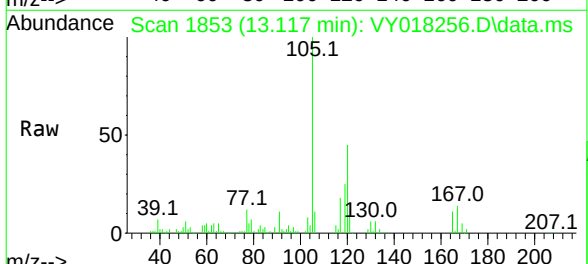
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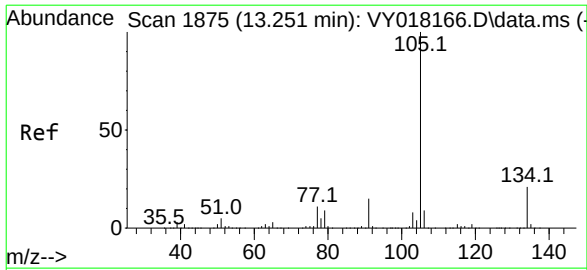
Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024



#84
 1,2,4-Trimethylbenzene
 Concen: 4.997 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY018256.D
 Acq: 14 May 2024 14:24

Tgt Ion:	105	Resp:	31481
Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 5.108 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

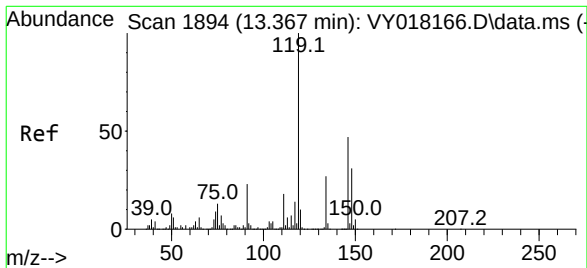
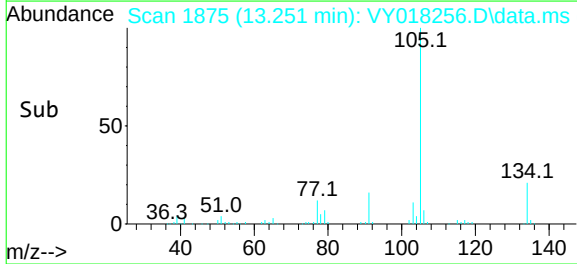
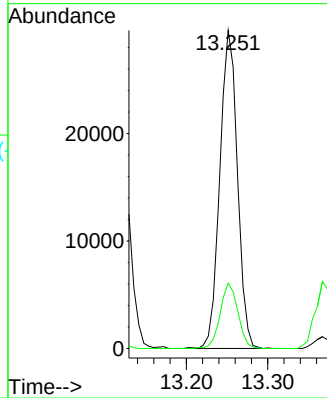
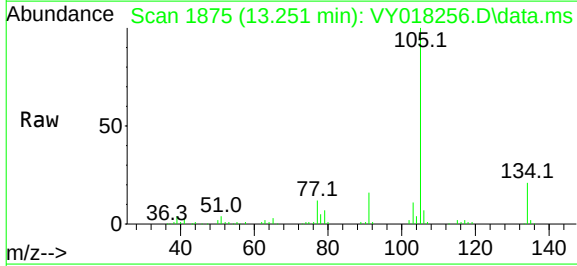
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:105 Resp: 44447
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024



#86

p-Isopropyltoluene

Concen: 5.023 ug/l

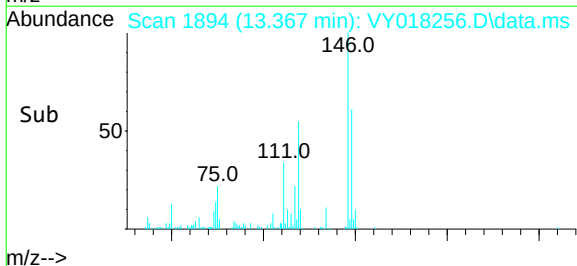
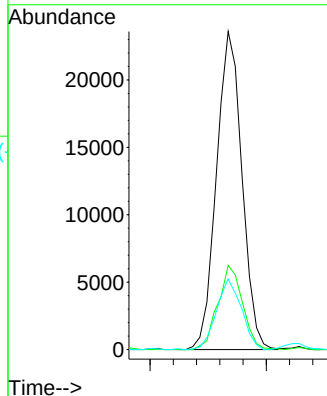
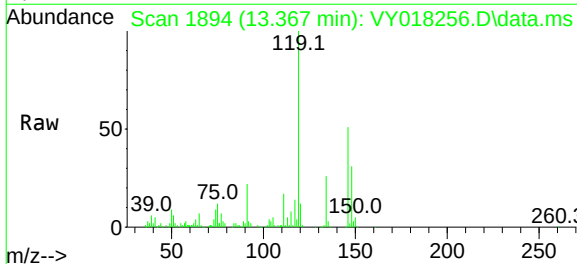
RT: 13.367 min Scan# 1894

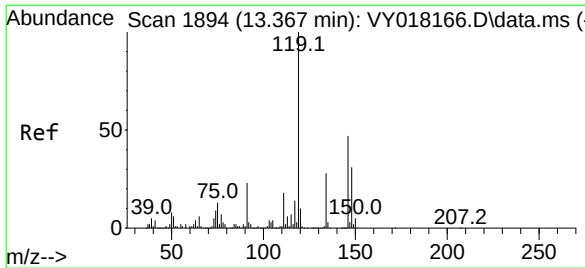
Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

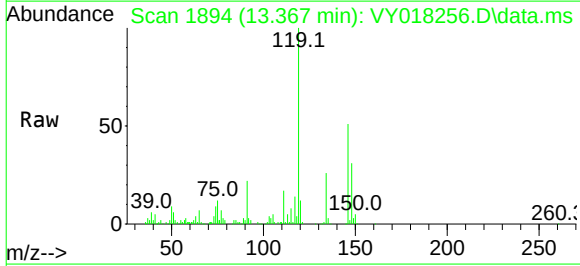
Tgt Ion:119 Resp: 35956
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.3
 91 21.8 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 4.823 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24

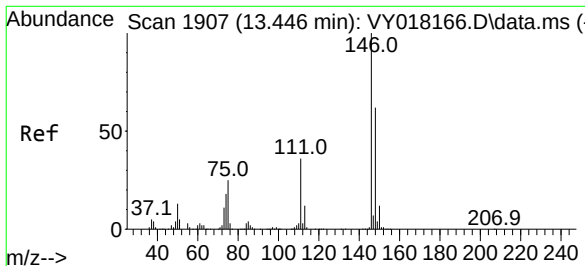
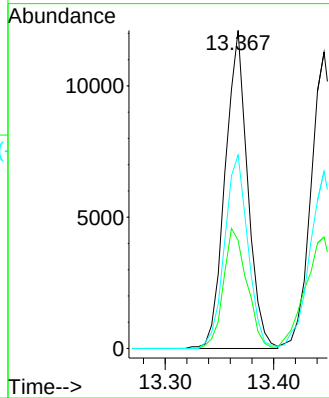
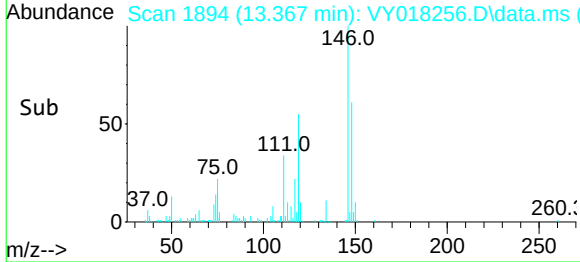
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



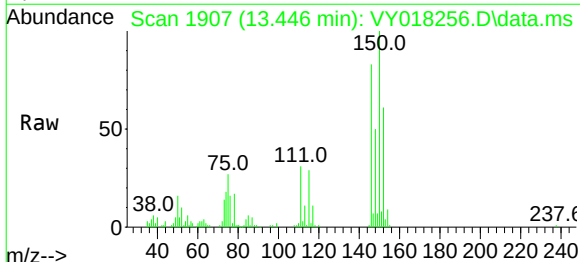
Tgt Ion:146 Resp: 17453
Ion Ratio Lower Upper
146 100
111 39.2 19.0 57.0
148 63.0 31.7 95.1

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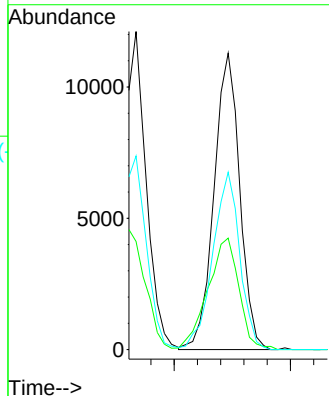
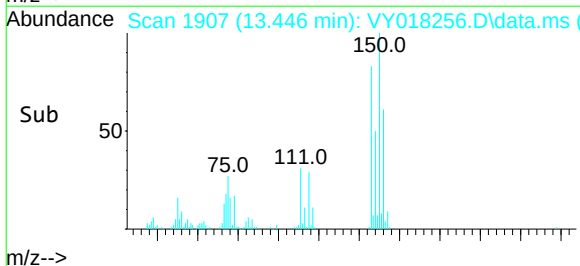
Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024

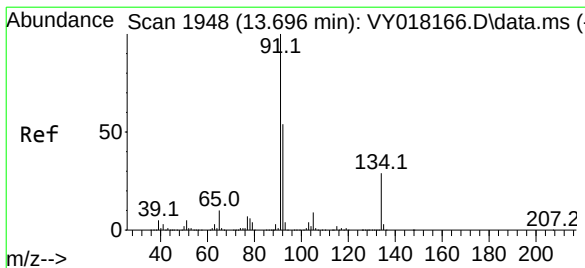


#88
1,4-Dichlorobenzene
Concen: 4.915 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018256.D
Acq: 14 May 2024 14:24



Tgt Ion:146 Resp: 17337
Ion Ratio Lower Upper
146 100
111 45.7 18.4 55.4
148 63.0 32.4 97.2





#89

n-Butylbenzene

Concen: 4.936 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

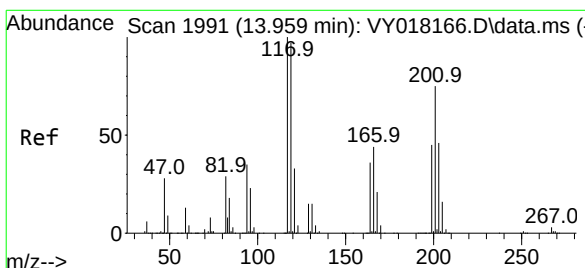
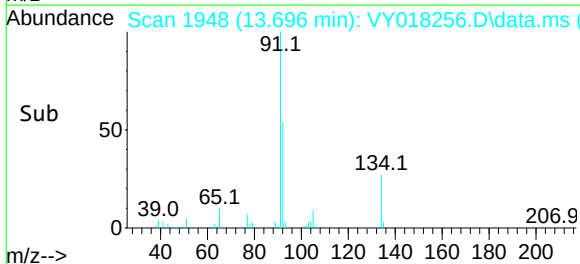
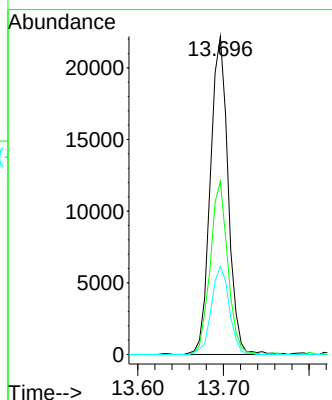
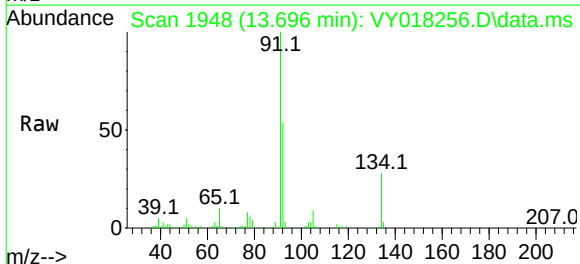
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	91	Resp:	31978
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.6	79.7
134	28.0	12.9	38.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#90

Hexachloroethane

Concen: 4.473 ug/l

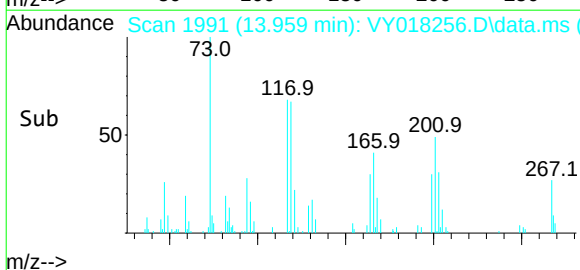
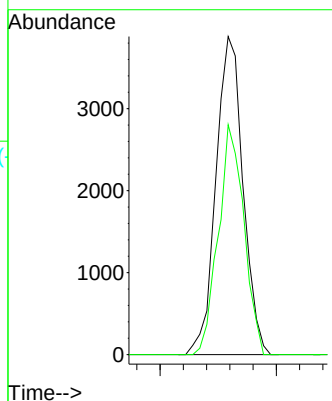
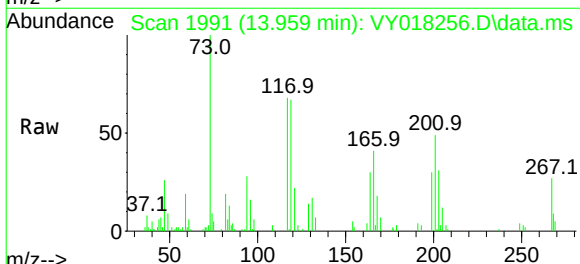
RT: 13.959 min Scan# 1991

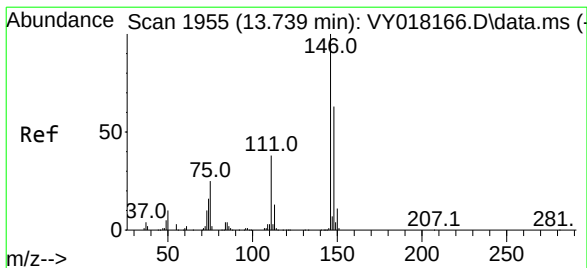
Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Tgt Ion:	117	Resp:	6282
Ion	Ratio	Lower	Upper
117	100		
201	68.1	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 4.794 ug/l

RT: 13.739 min Scan# 19

Delta R.T. 0.000 min

Lab File: VY018256.D

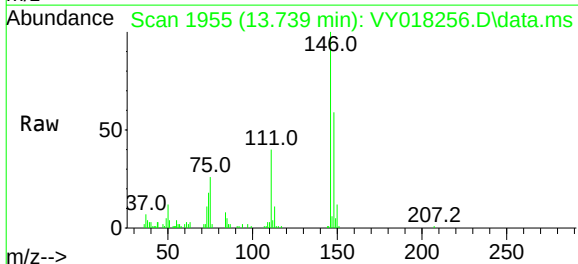
Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

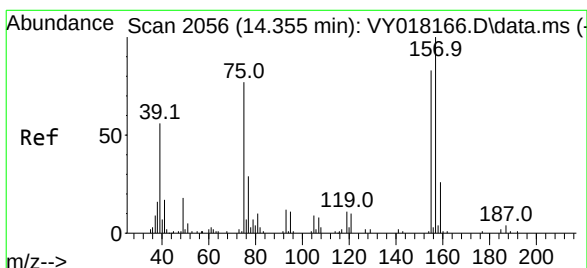
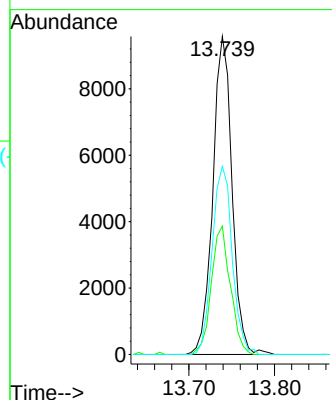
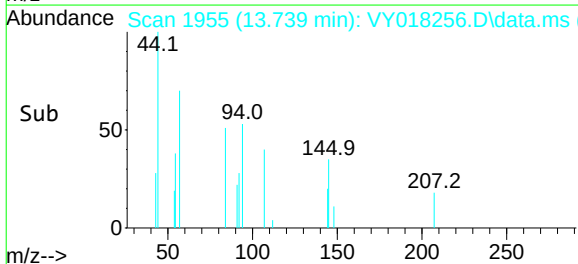
LOD-MDL-SOIL-01-QT2-2024



Tgt	Ion:	146	Resp:	14911
Ion	Ratio	Lower	Upper	
146	100			
111	39.9	19.9	59.7	
148	61.9	31.8	95.4	

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#92

1,2-Dibromo-3-Chloropropane

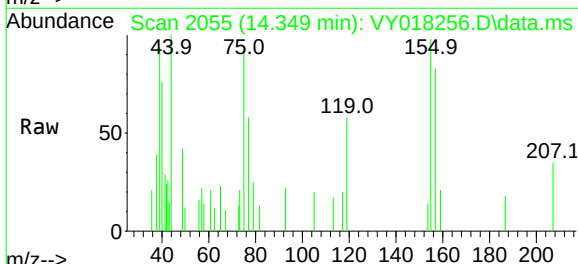
Concen: 4.335 ug/l

RT: 14.349 min Scan# 2055

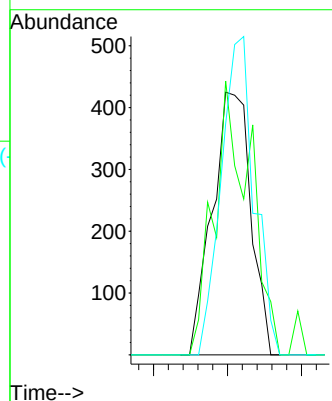
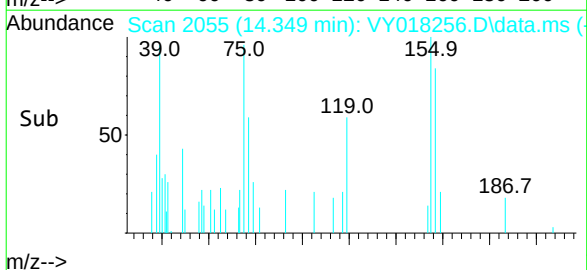
Delta R.T. -0.006 min

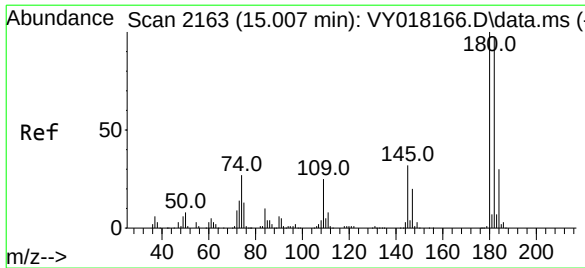
Lab File: VY018256.D

Acq: 14 May 2024 14:24



Tgt	Ion:	75	Resp:	768
Ion	Ratio	Lower	Upper	
75	100			
155	98.6	48.6	145.8	
157	104.4	62.7	188.2	





#93

1,2,4-Trichlorobenzene

Concen: 3.983 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

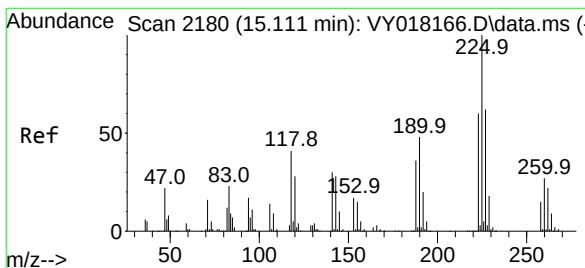
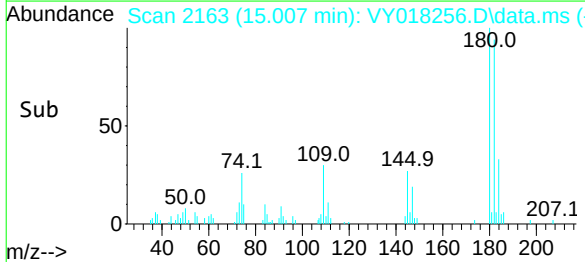
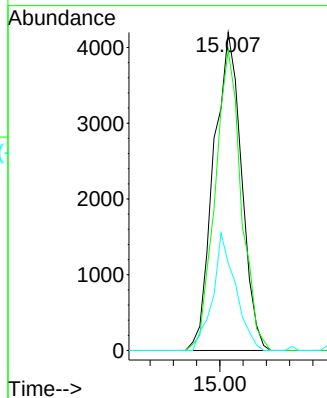
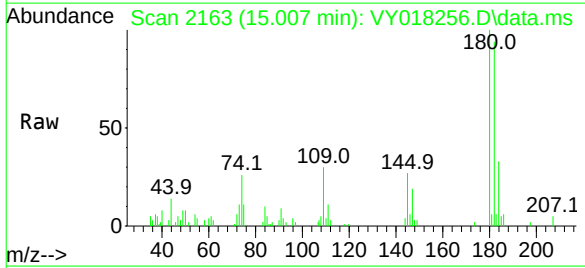
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	180	Resp:	6965
Ion Ratio	Lower	Upper	
180	100		
182	88.7	47.9	143.8
145	30.2	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#94

Hexachlorobutadiene

Concen: 4.190 ug/l

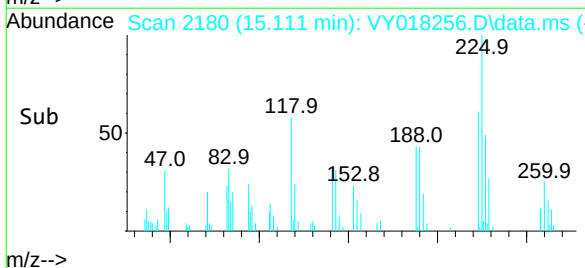
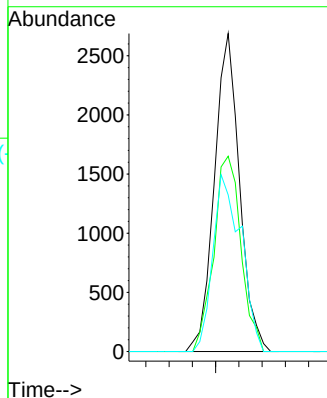
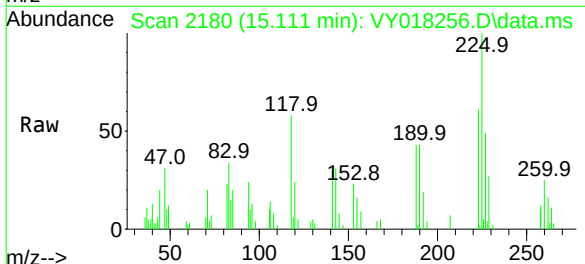
RT: 15.111 min Scan# 2180

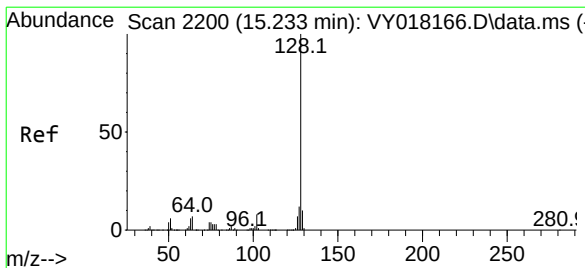
Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Tgt Ion:	225	Resp:	4042
Ion Ratio	Lower	Upper	
225	100		
223	66.3	30.4	91.2
227	62.2	31.9	95.9





#95

Naphthalene

Concen: 3.437 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

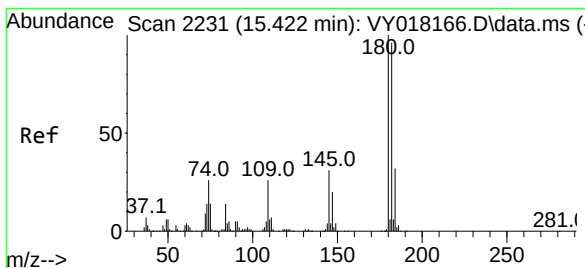
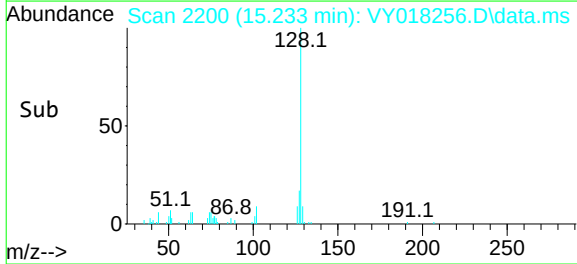
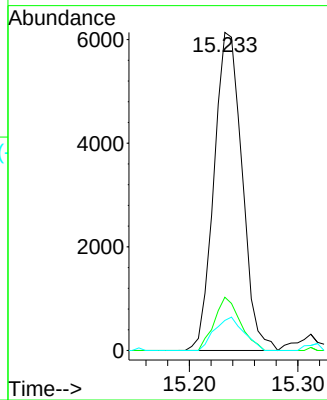
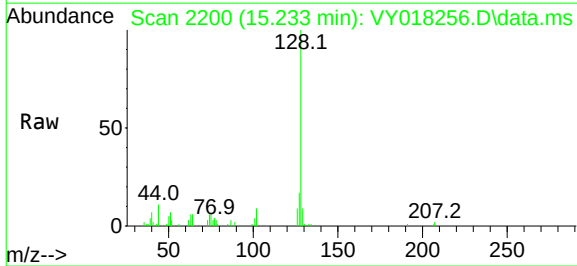
LOD-MDL-SOIL-01-QT2-2024

Tgt	Ion:128	Resp:	11013
Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
Supervised By :Semsettin Yesilyurt 05/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 3.805 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018256.D

Acq: 14 May 2024 14:24

Tgt	Ion:180	Resp:	5460
Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.6	142.9
145	36.2	15.4	46.1

