

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012842.D
 Acq On : 07 Mar 2023 14:12
 Operator : KP/MD
 Sample : 01627-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Quant Time: Mar 08 00:25:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 00:21:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	89757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	127212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	41258	46.296	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.600%		
35) Dibromofluoromethane	7.722	113	41199	47.832	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.660%		
50) Toluene-d8	10.185	98	141370	44.896	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.800%		
62) 4-Bromofluorobenzene	12.483	95	46046	43.325	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	2781	3.143	ug/l	89
3) Chloromethane	2.113	50	3575	3.380	ug/l	99
4) Vinyl Chloride	2.259	62	3038	3.132	ug/l	89
5) Bromomethane	2.662	94	2063	3.501	ug/l	86
6) Chloroethane	2.802	64	1943	3.345	ug/l #	85
7) Trichlorofluoromethane	3.131	101	5064	3.144	ug/l	93
8) Diethyl Ether	3.528	74	1577	2.794	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	3234	3.337	ug/l	98
10) Methyl Iodide	4.095	142	3115	2.467	ug/l	98
11) Tert butyl alcohol	4.942	59	1981m	15.706	ug/l	
12) 1,1-Dichloroethene	3.881	96	2640	2.856	ug/l	93
13) Acrolein	3.735	56	1593	10.203	ug/l	92
14) Allyl chloride	4.485	41	4686	2.745	ug/l	96
15) Acrylonitrile	5.161	53	3746	12.595	ug/l	93
16) Acetone	3.948	43	4513	12.902	ug/l	93
17) Carbon Disulfide	4.198	76	9089	2.889	ug/l	98
18) Methyl Acetate	4.479	43	2691	2.583	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	6004	2.515	ug/l	96
20) Methylene Chloride	4.722	84	7526	5.871	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	3006	2.993	ug/l	97
22) Diisopropyl ether	6.119	45	7089	2.286	ug/l	92
23) Vinyl Acetate	6.064	43	21396	11.104	ug/l	95
24) 1,1-Dichloroethane	6.027	63	5149	2.914	ug/l	98
25) 2-Butanone	6.984	43	5325	12.291	ug/l	99
26) 2,2-Dichloropropane	6.984	77	5231	3.333	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	3087	2.867	ug/l	93
28) Bromochloromethane	7.332	49	1407	2.179	ug/l #	96
29) Tetrahydrofuran	7.350	42	2869	10.980	ug/l	99
30) Chloroform	7.509	83	5240	3.002	ug/l	97
31) Cyclohexane	7.789	56	6281	3.680	ug/l #	65
32) 1,1,1-Trichloroethane	7.704	97	4561	2.890	ug/l	96
36) 1,1-Dichloropropene	7.917	75	4080	2.827	ug/l	96
37) Ethyl Acetate	7.070	43	2099	2.307	ug/l #	92
38) Carbon Tetrachloride	7.905	117	4584	3.075	ug/l	94
39) Methylcyclohexane	9.179	83	4514	2.630	ug/l	94
40) Benzene	8.161	78	11207	2.745	ug/l	97

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 Supervised By :Mahesh Dadoda 03/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	848	1.730	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	3596	2.929	ug/l	98
43) Isopropyl Acetate	8.271	43	3518	2.167	ug/l #	90
44) Trichloroethene	8.941	130	2948	2.739	ug/l	96
45) 1,2-Dichloropropane	9.222	63	2801	2.714	ug/l	90
46) Dibromomethane	9.301	93	1690	2.875	ug/l	98
47) Bromodichloromethane	9.496	83	3858	2.785	ug/l #	92
48) Methyl methacrylate	9.295	41	1735	2.320	ug/l	97
49) 1,4-Dioxane	9.301	88	309	40.660	ug/l #	75
51) 4-Methyl-2-Pentanone	10.075	43	9035	10.262	ug/l	99
52) Toluene	10.246	92	6971	2.831	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	3633	2.500	ug/l	90
54) cis-1,3-Dichloropropene	9.929	75	4197	2.552	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	2062	2.519	ug/l	91
56) Ethyl methacrylate	10.514	69	2453	2.247	ug/l	98
57) 1,3-Dichloropropane	10.788	76	3578	2.566	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	5555	9.694	ug/l	97
59) 2-Hexanone	10.837	43	6133	9.585	ug/l	96
60) Dibromochloromethane	10.984	129	2685	2.694	ug/l	97
61) 1,2-Dibromoethane	11.093	107	2086	2.645	ug/l	97
64) Tetrachloroethene	10.727	164	2926	3.159	ug/l #	80
65) Chlorobenzene	11.520	112	7413	2.777	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	2761	2.795	ug/l	94
67) Ethyl Benzene	11.593	91	12188	2.596	ug/l	100
68) m/p-Xylenes	11.703	106	9525	5.275	ug/l	92
69) o-Xylene	12.032	106	4042	2.398	ug/l	99
70) Styrene	12.050	104	6698	2.382	ug/l	99
71) Bromoform	12.209	173	1681	2.610	ug/l #	91
73) Isopropylbenzene	12.331	105	10552	2.345	ug/l	99
74) N-amyl acetate	12.148	43	2807	1.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	2505	2.476	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	1908m	2.516	ug/l	
77) Bromobenzene	12.605	156	3008	2.752	ug/l	95
78) n-propylbenzene	12.672	91	14122	2.545	ug/l	100
79) 2-Chlorotoluene	12.758	91	8113	2.631	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	9293	2.502	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	805	2.200	ug/l	98
82) 4-Chlorotoluene	12.855	91	8054	2.523	ug/l	99
83) tert-Butylbenzene	13.075	119	7965	2.485	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	8468	2.332	ug/l	100
85) sec-Butylbenzene	13.258	105	12022	2.458	ug/l	98
86) p-Isopropyltoluene	13.373	119	9508	2.379	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	6272	2.975	ug/l	96
88) 1,4-Dichlorobenzene	13.446	146	6463	3.003	ug/l	90
89) n-Butylbenzene	13.696	91	10179	2.661	ug/l	96
90) Hexachloroethane	13.965	117	2576	3.095	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	5360	2.812	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	359	2.196	ug/l	85
93) 1,2,4-Trichlorobenzene	15.013	180	2844	2.424	ug/l	96
94) Hexachlorobutadiene	15.117	225	2314	3.233	ug/l	92
95) Naphthalene	15.245	128	4741	2.016	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	2518	2.413	ug/l	98

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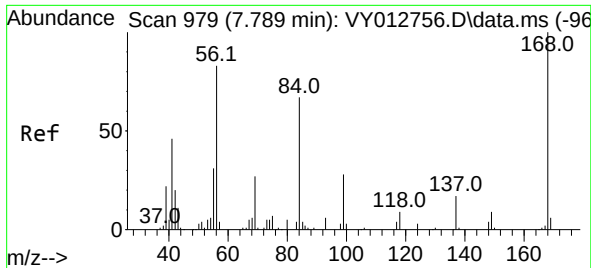
Manual Integrations
APPROVED

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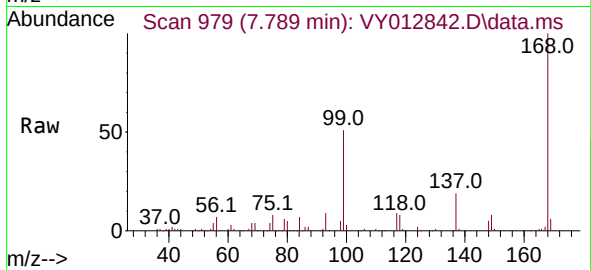
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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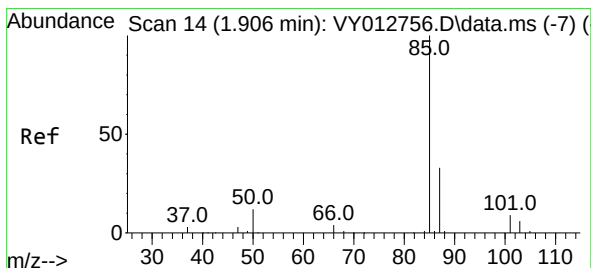
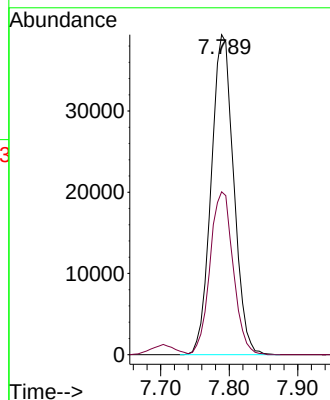
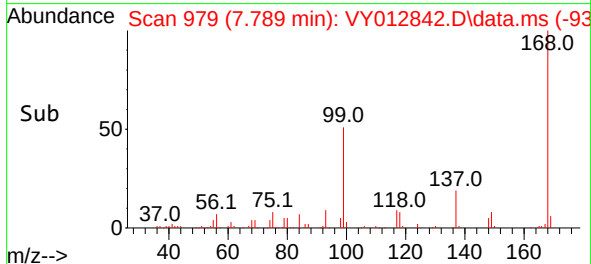
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion:168 Resp: 8975
Ion Ratio Lower Upper
168 100
99 50.9 41.7 62.5

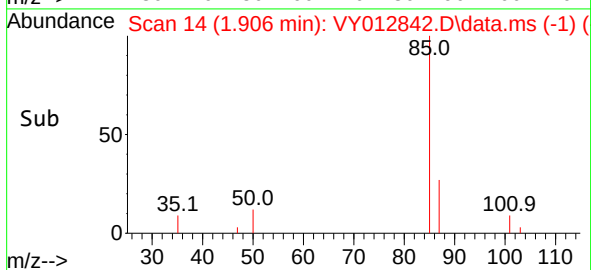
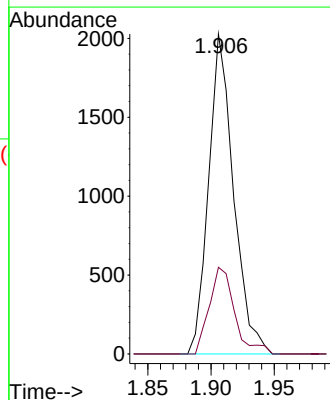
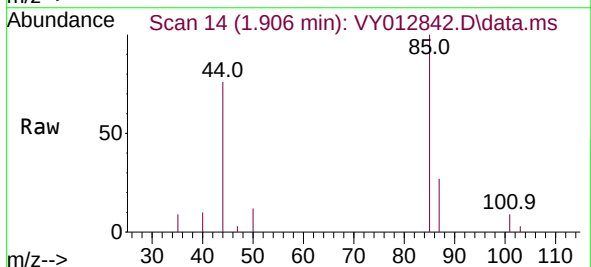
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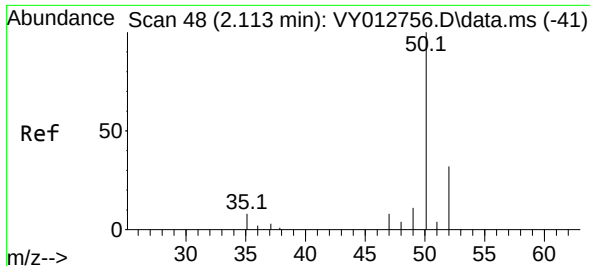
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#2
Dichlorodifluoromethane
Concen: 3.143 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

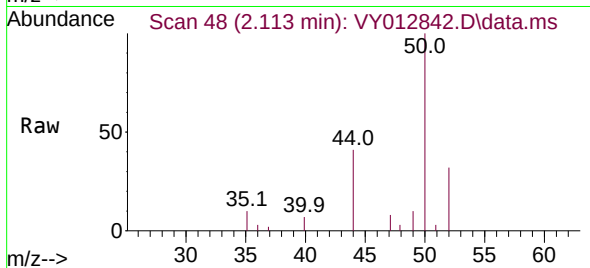
Tgt Ion: 85 Resp: 2781
Ion Ratio Lower Upper
85 100
87 27.1 16.7 50.0





#3
Chloromethane
Concen: 3.380 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

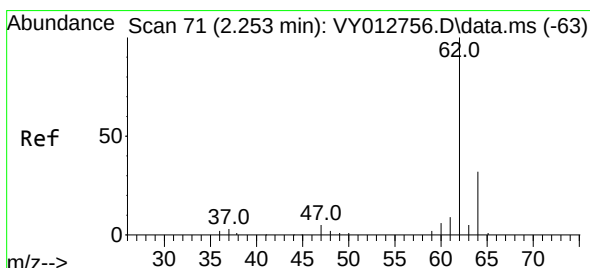
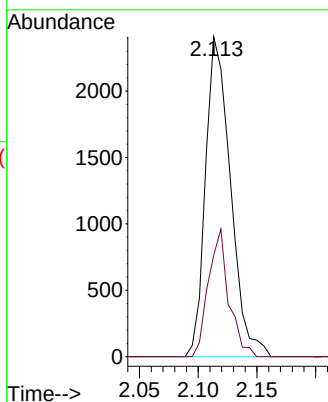
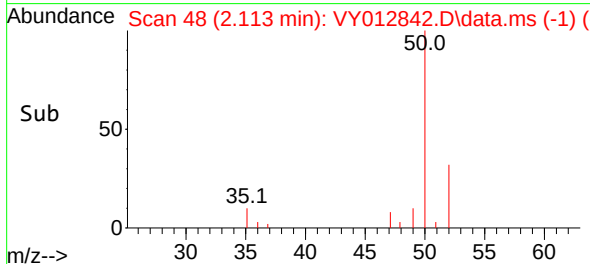
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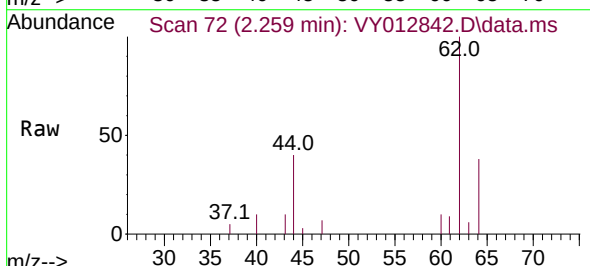
Tgt Ion: 50 Resp: 3579
Ion Ratio Lower Upper
50 100
52 31.8 26.0 39.0

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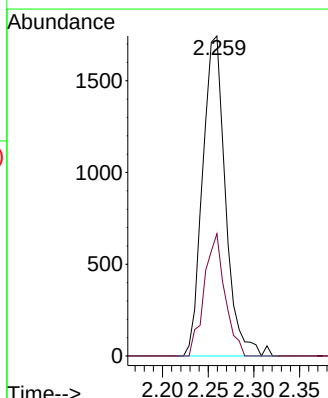
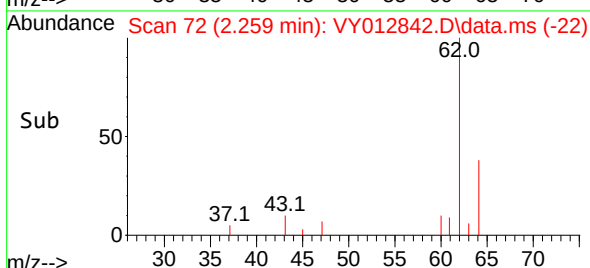
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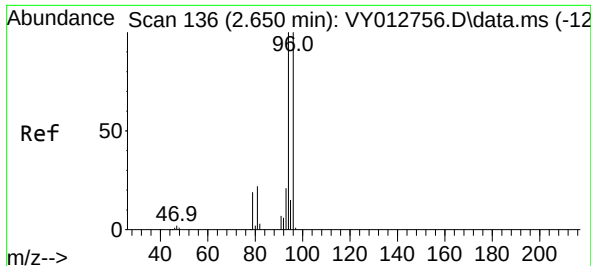


#4
Vinyl Chloride
Concen: 3.132 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12



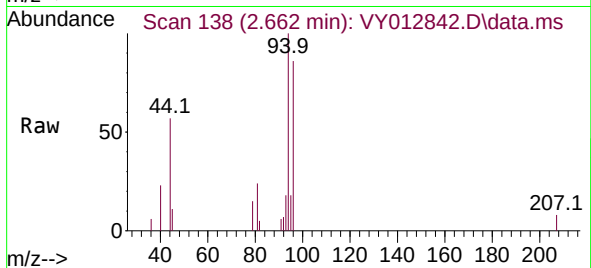
Tgt Ion: 62 Resp: 3038
Ion Ratio Lower Upper
62 100
64 38.2 25.6 38.4





#5
Bromomethane
Concen: 3.501 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

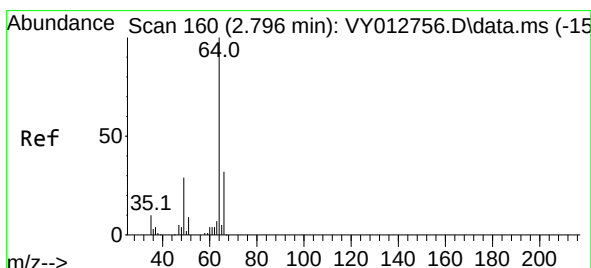
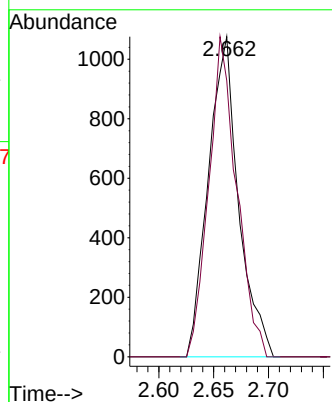
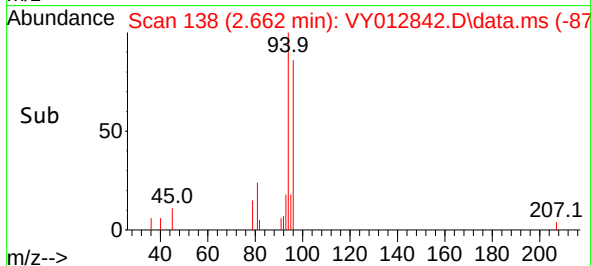
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Tgt Ion: 94 Resp: 206
Ion Ratio Lower Upper
94 100
96 86.2 80.3 120.5

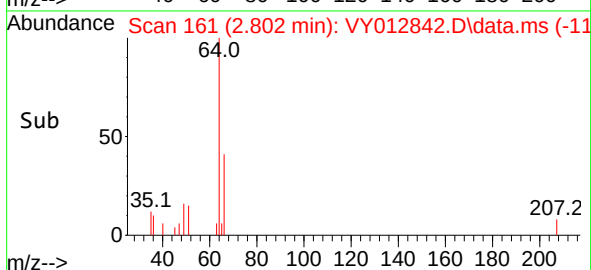
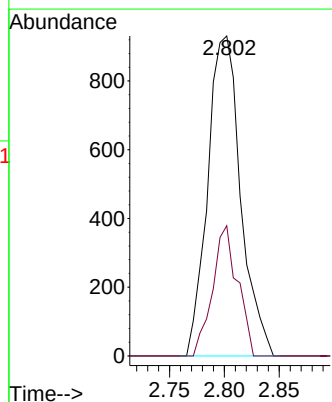
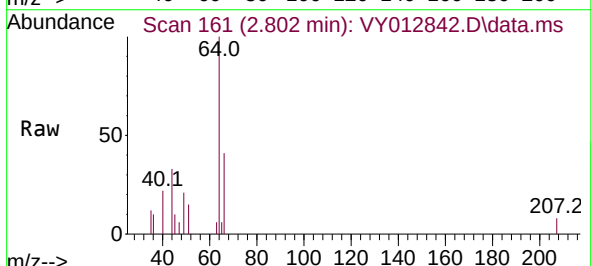
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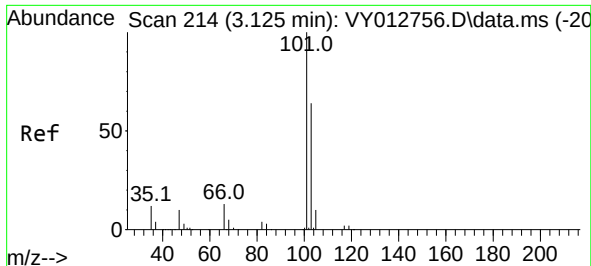
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#6
Chloroethane
Concen: 3.345 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY012842.D
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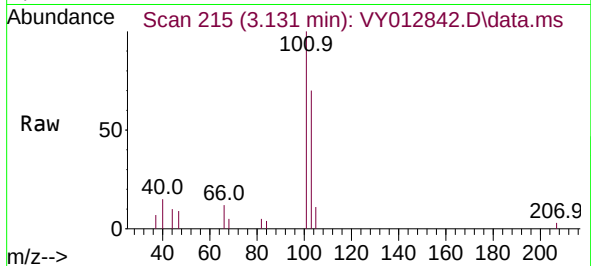
Tgt Ion: 64 Resp: 1943
Ion Ratio Lower Upper
64 100
66 40.7 25.7 38.5#





#7
Trichlorofluoromethane
Concen: 3.144 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

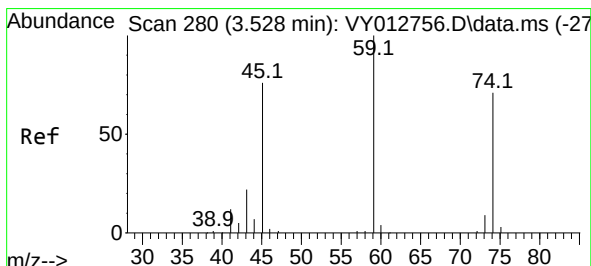
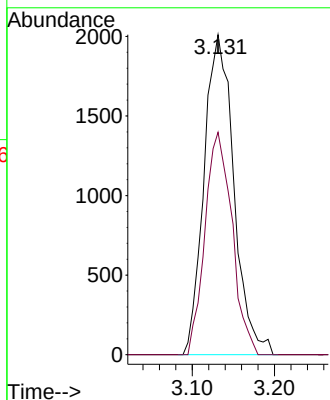
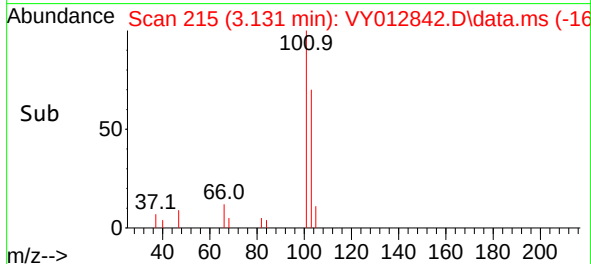
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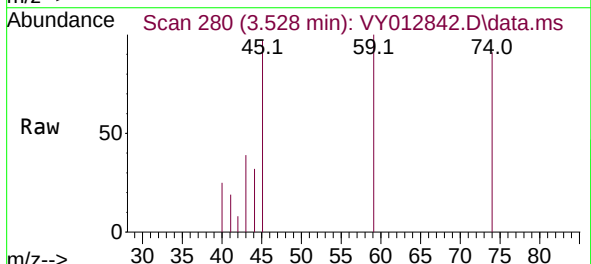
Tgt Ion:101 Resp: 5064
Ion Ratio Lower Upper
101 100
103 69.5 51.5 77.3

Manual Integrations
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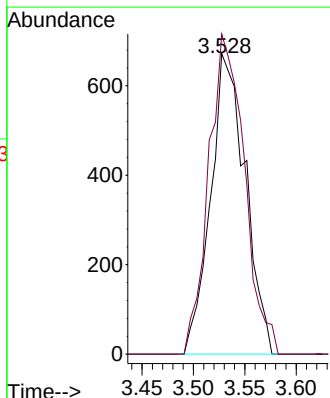
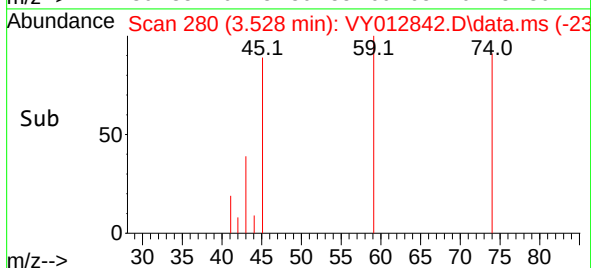
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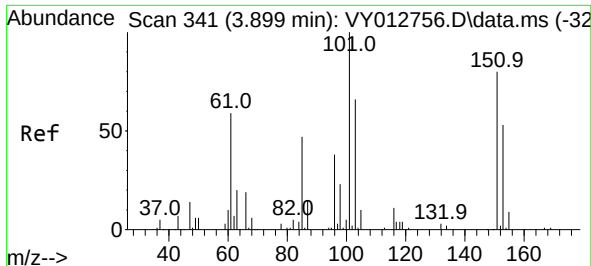


#8
Diethyl Ether
Concen: 2.794 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
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Acq: 07 Mar 2023 14:12



Tgt Ion: 74 Resp: 1577
Ion Ratio Lower Upper
74 100
45 109.5 52.1 156.4





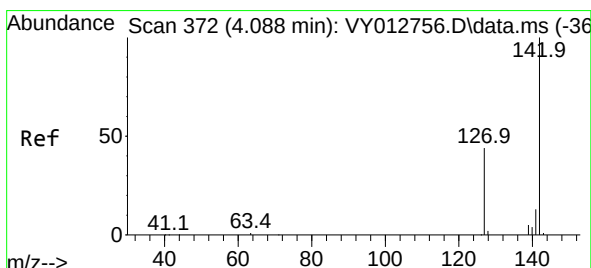
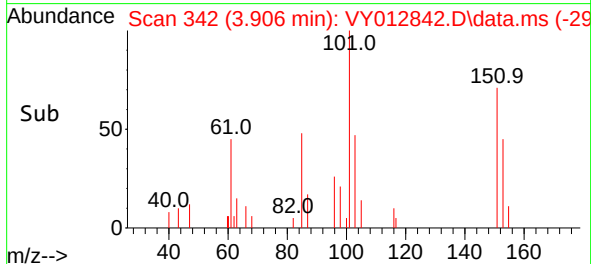
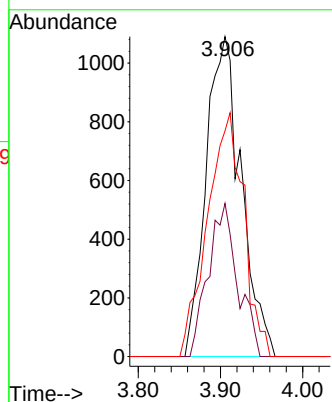
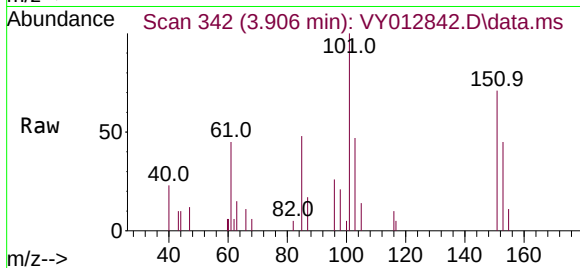
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.337 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:101 Resp: 3234
Ion Ratio Lower Upper
101 100
85 40.3 35.3 52.9
151 78.9 63.1 94.7

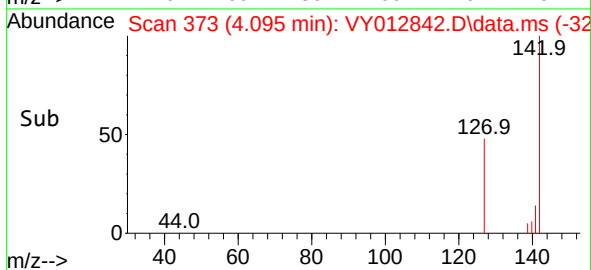
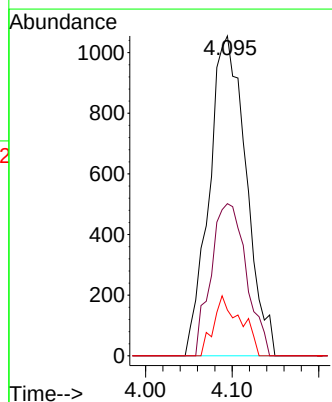
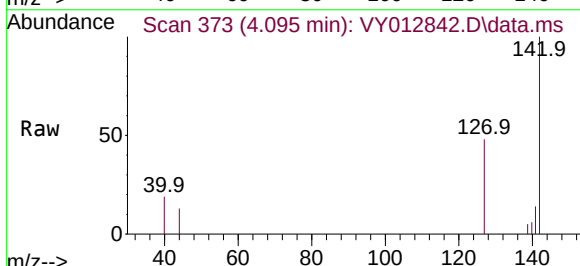
Manual Integrations
APPROVED

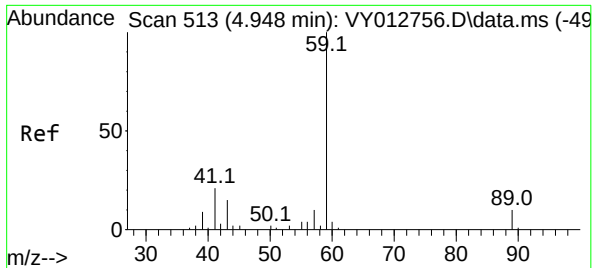
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#10
Methyl Iodide
Concen: 2.467 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

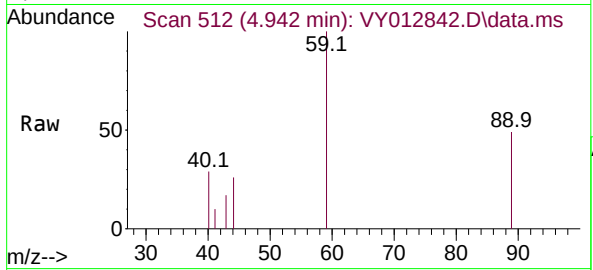
Tgt Ion:142 Resp: 3115
Ion Ratio Lower Upper
142 100
127 45.6 35.4 53.2
141 13.8 11.3 16.9





#11
Tert butyl alcohol
Concen: 15.706 ug/l m
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

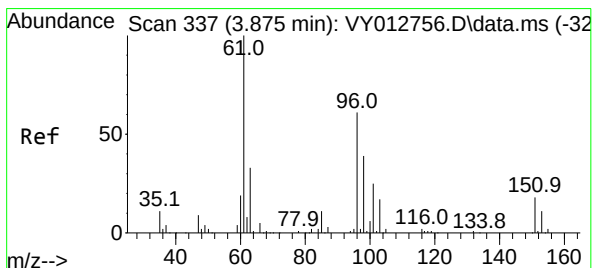
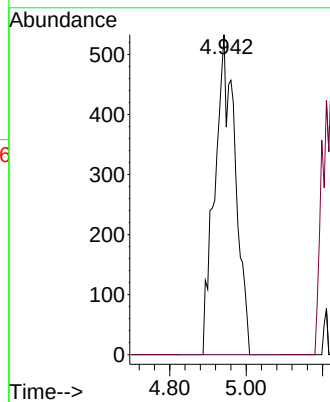
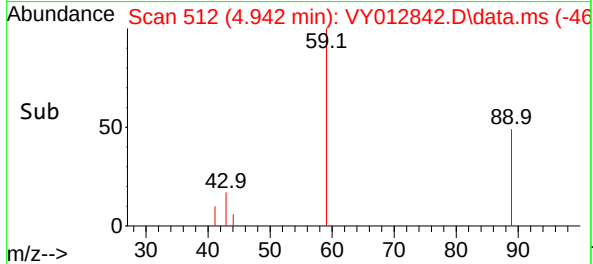
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



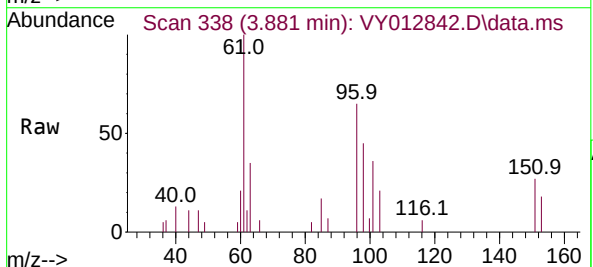
Tgt Ion: 59 Resp: 198
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5

Manual Integrations
APPROVED

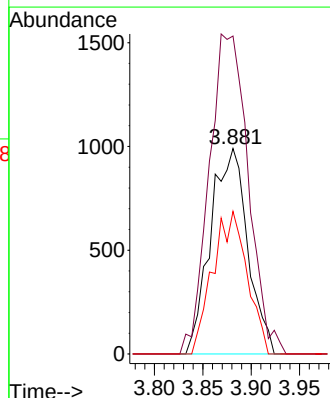
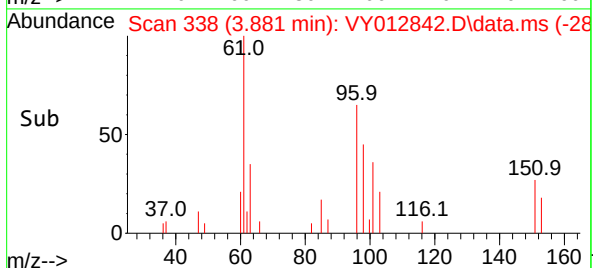
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

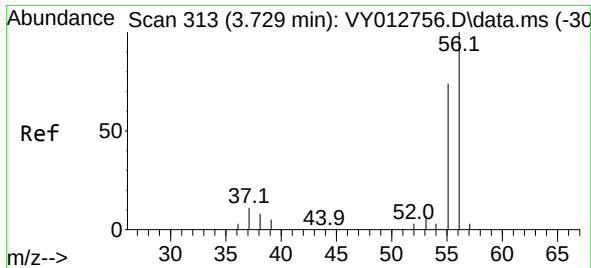


#12
1,1-Dichloroethene
Concen: 2.856 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12



Tgt Ion: 96 Resp: 2640
Ion Ratio Lower Upper
96 100
61 154.7 131.7 197.5
98 69.4 52.0 78.0





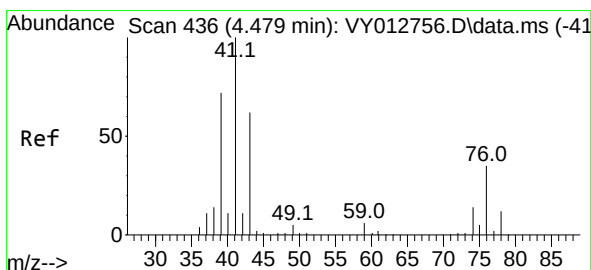
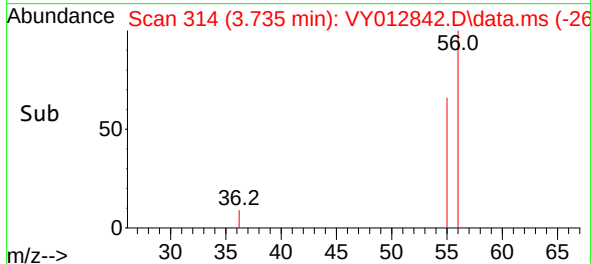
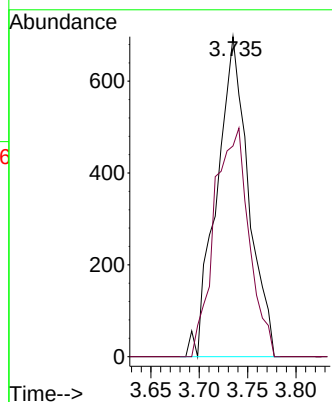
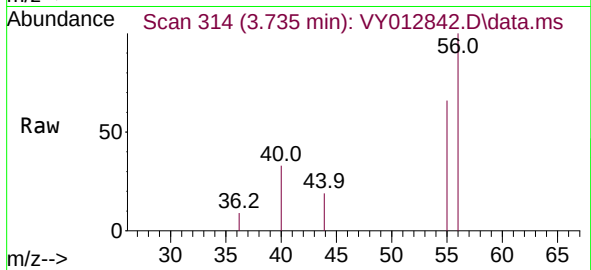
#13
Acrolein
Concen: 10.203 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 56 Resp: 159
Ion Ratio Lower Upper
56 100
55 77.9 56.8 85.2

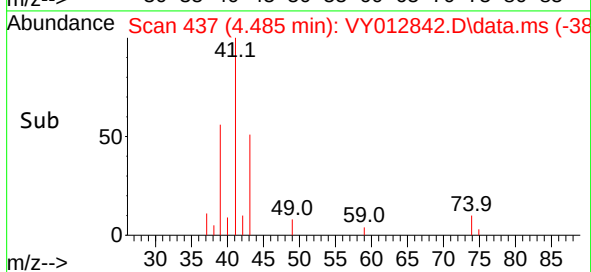
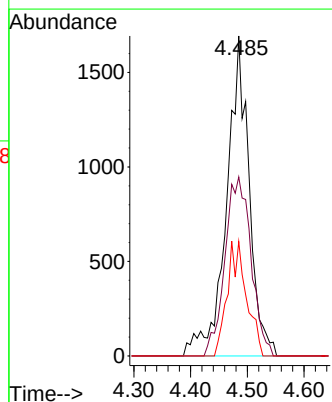
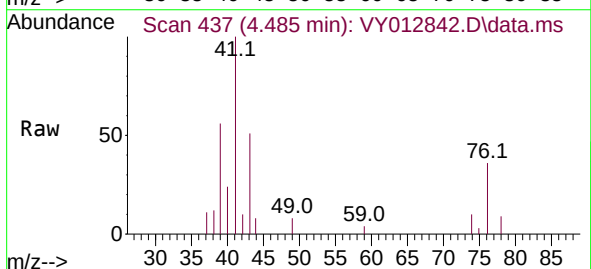
Manual Integrations
APPROVED

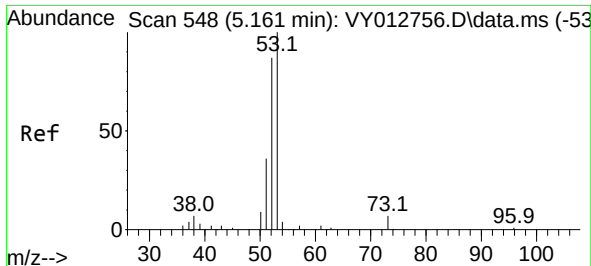
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#14
Allyl chloride
Concen: 2.745 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

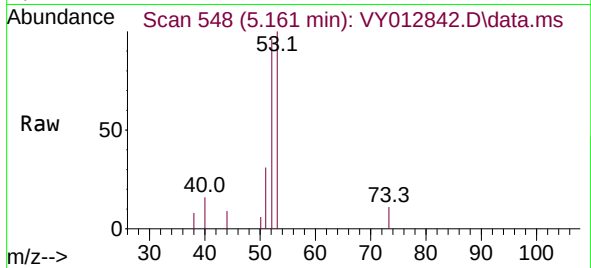
Tgt Ion: 41 Resp: 4686
Ion Ratio Lower Upper
41 100
39 64.7 53.6 80.4
76 30.7 27.2 40.8





#15
Acrylonitrile
Concen: 12.595 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

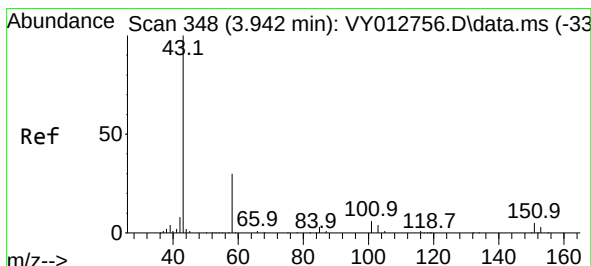
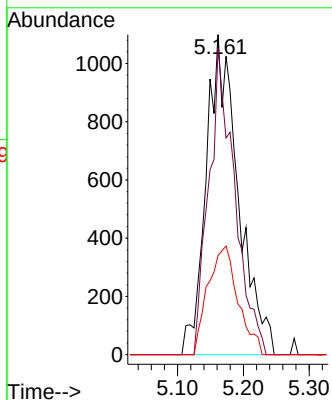
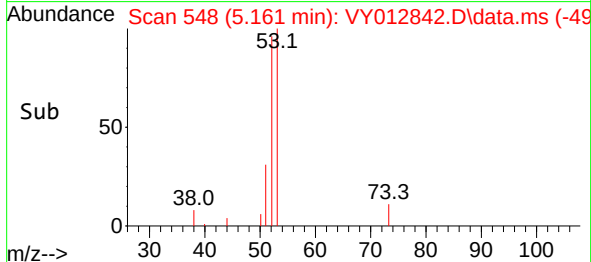
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



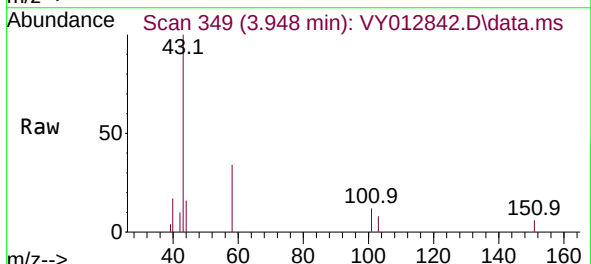
Tgt Ion: 53 Resp: 3740
Ion Ratio Lower Upper
53 100
52 76.8 66.3 99.5
51 31.7 28.8 43.2

Manual Integrations
APPROVED

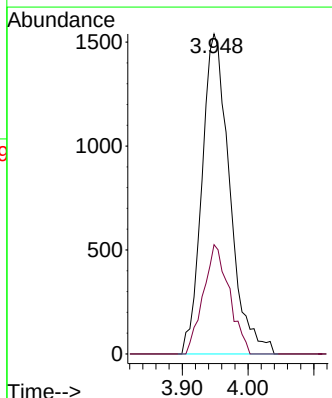
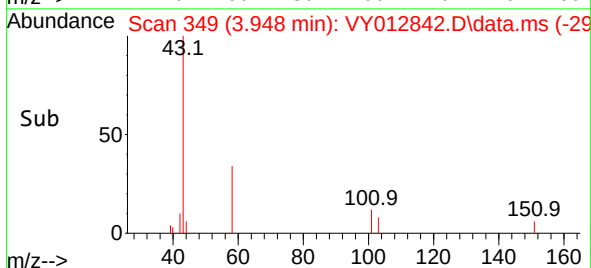
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

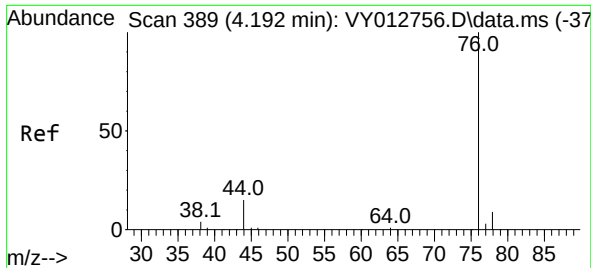


#16
Acetone
Concen: 12.902 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12



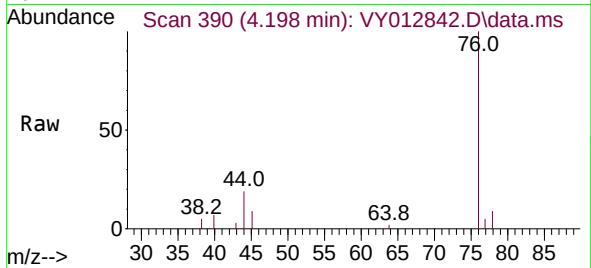
Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
58 34.2 24.2 36.2





#17
Carbon Disulfide
Concen: 2.889 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

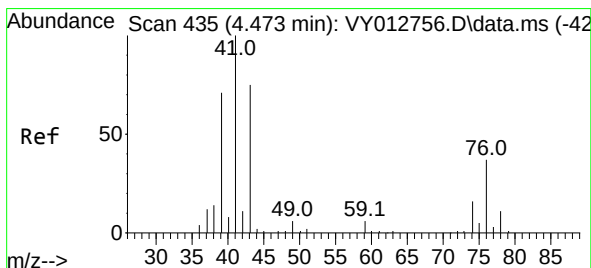
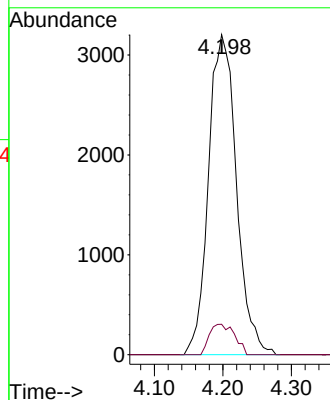
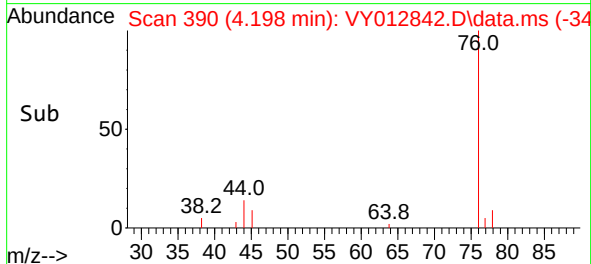
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 76 Resp: 9089
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

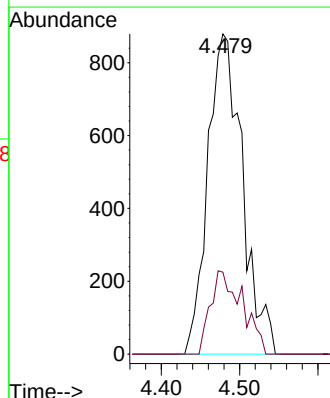
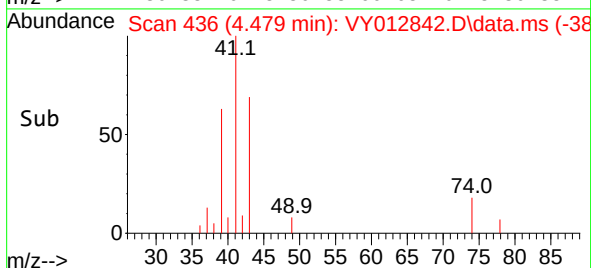
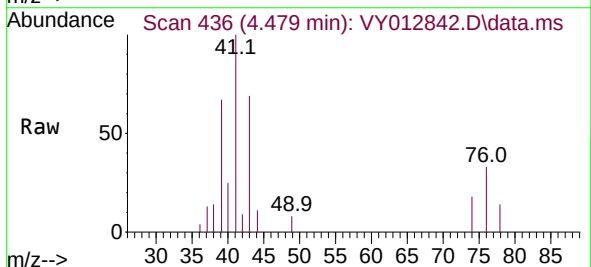
Manual Integrations
APPROVED

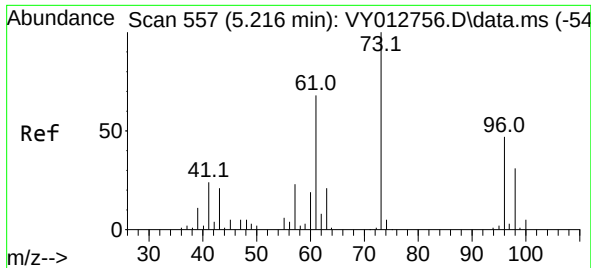
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#18
Methyl Acetate
Concen: 2.583 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

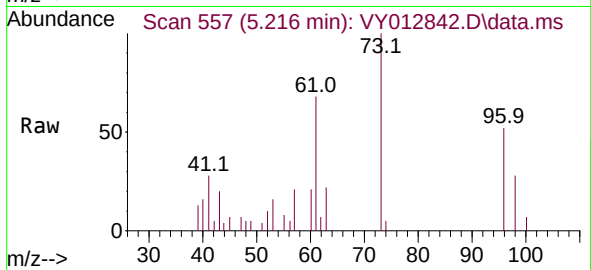
Tgt Ion: 43 Resp: 2691
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 2.515 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

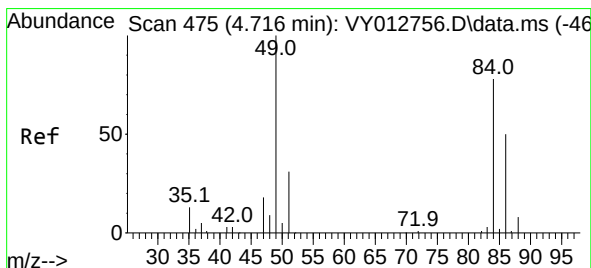
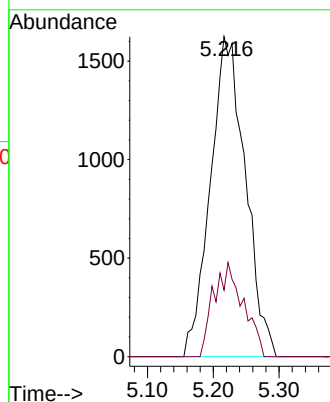
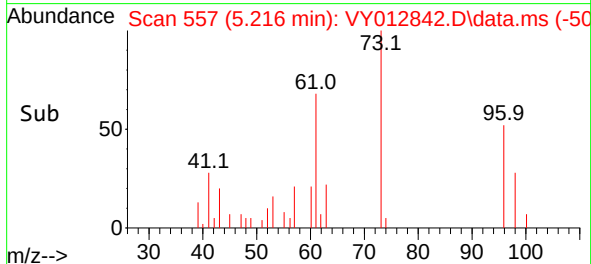
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



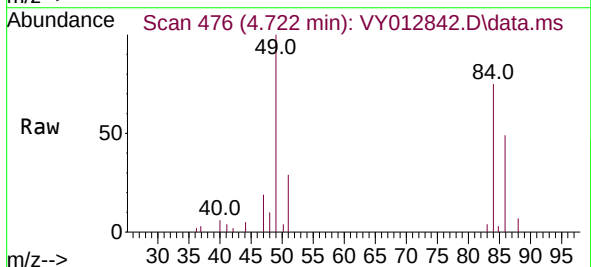
Tgt Ion: 73 Resp: 6004
Ion Ratio Lower Upper
73 100
57 20.8 18.3 27.5

Manual Integrations
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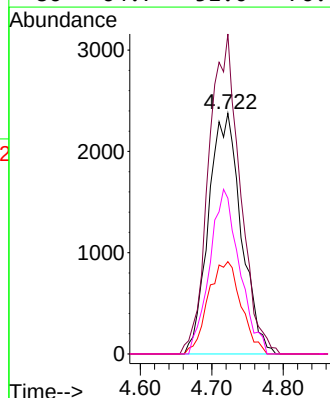
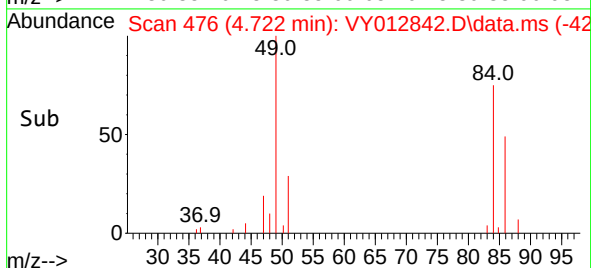
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

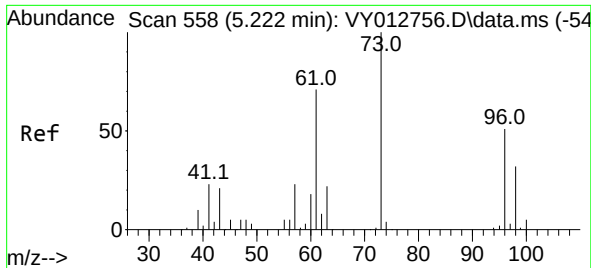


#20
Methylene Chloride
Concen: 5.871 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12



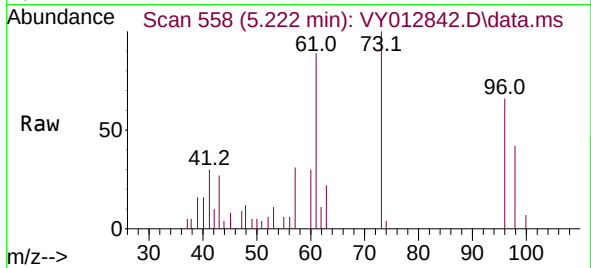
Tgt Ion: 84 Resp: 7526
Ion Ratio Lower Upper
84 100
49 133.0 102.6 154.0
51 38.4 31.9 47.9
86 64.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 2.993 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

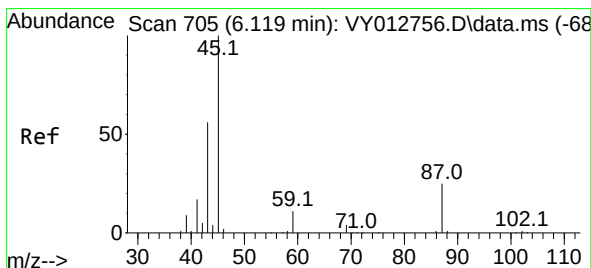
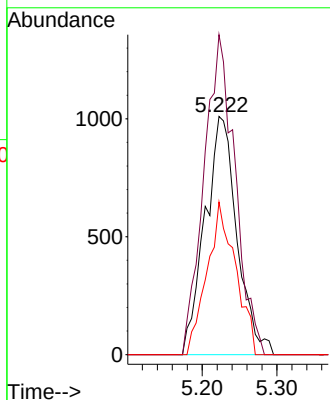
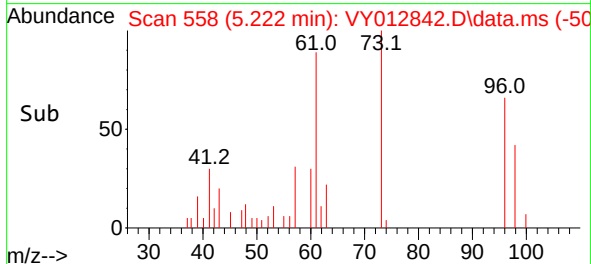
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 96 Resp: 3000
Ion Ratio Lower Upper
96 100
61 134.4 111.4 167.0
98 64.1 50.8 76.2

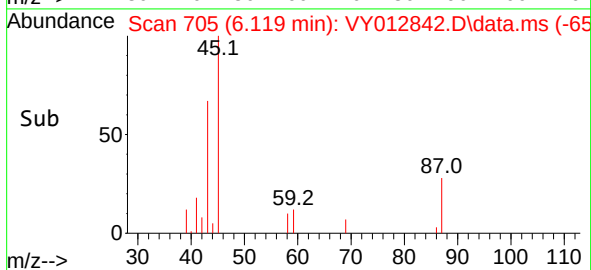
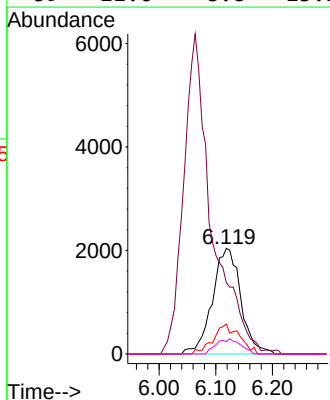
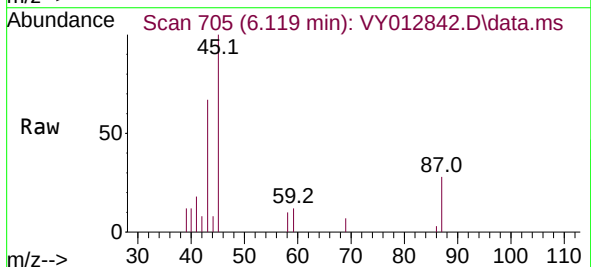
Manual Integrations
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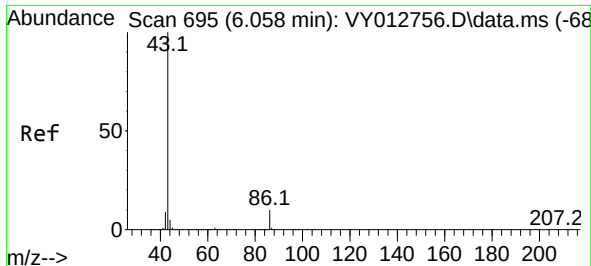
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#22
Diisopropyl ether
Concen: 2.286 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

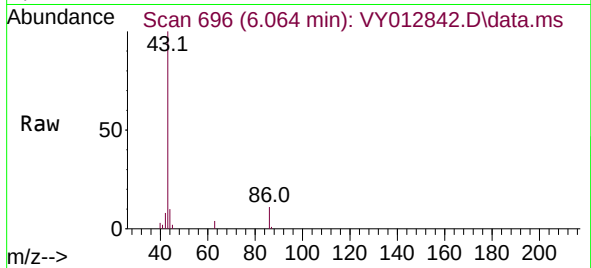
Tgt Ion: 45 Resp: 7089
Ion Ratio Lower Upper
45 100
43 63.8 45.0 67.6
87 28.3 20.3 30.5
59 11.6 8.8 13.2





#23
 Vinyl Acetate
 Concen: 11.104 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY012842.D
 Acq: 07 Mar 2023 14:12

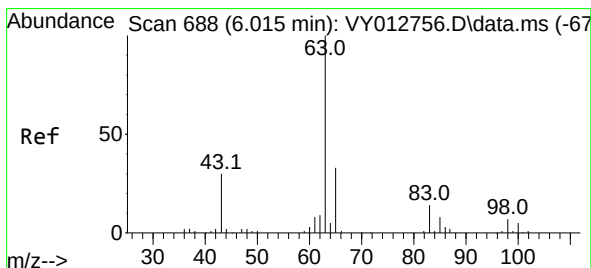
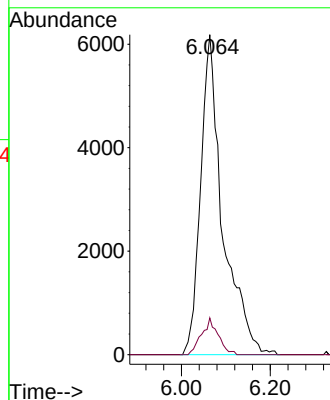
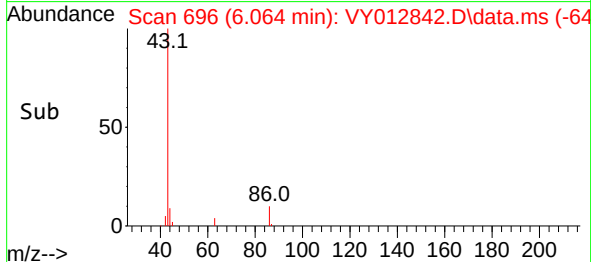
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 43 Resp: 21390
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.8 11.8

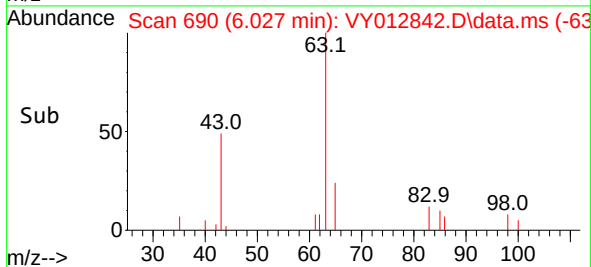
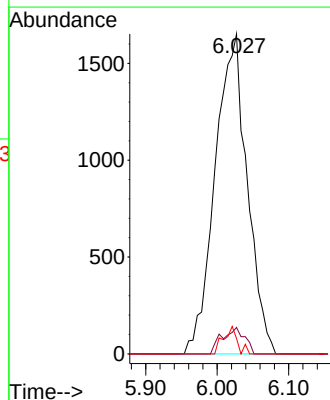
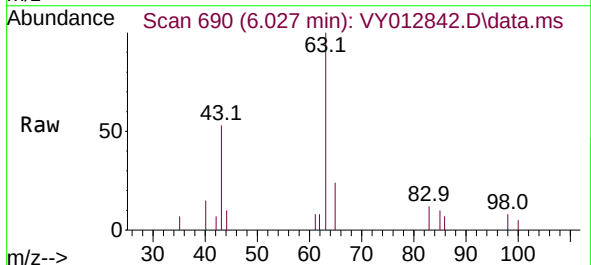
Manual Integrations
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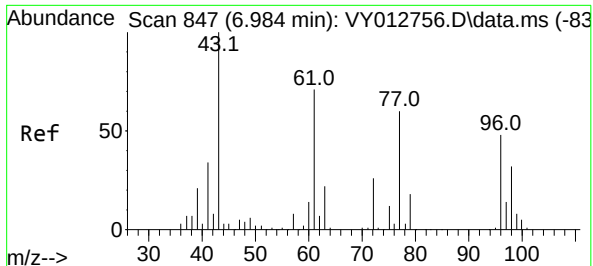
Reviewed By :Krupa Patel 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023



#24
 1,1-Dichloroethane
 Concen: 2.914 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY012842.D
 Acq: 07 Mar 2023 14:12

Tgt Ion: 63 Resp: 5149
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.7 11.1
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 12.291 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 43 Resp: 532

Ion Ratio Lower Upper

43 100

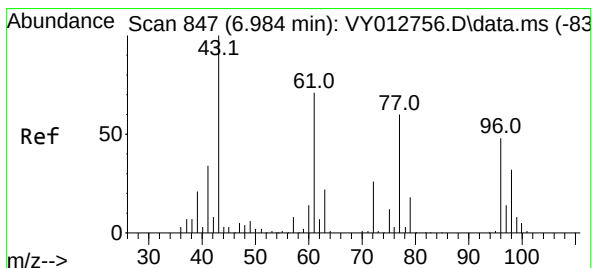
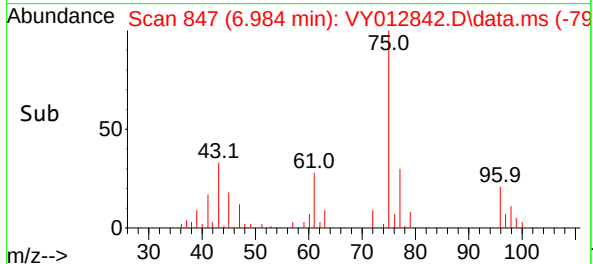
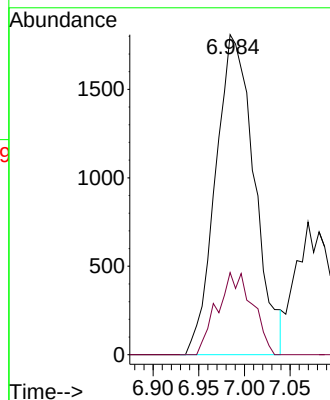
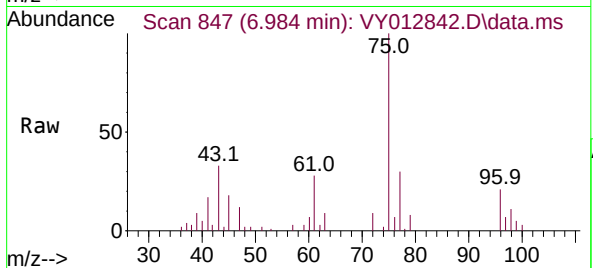
72 25.6 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#26

2,2-Dichloropropane

Concen: 3.333 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012842.D

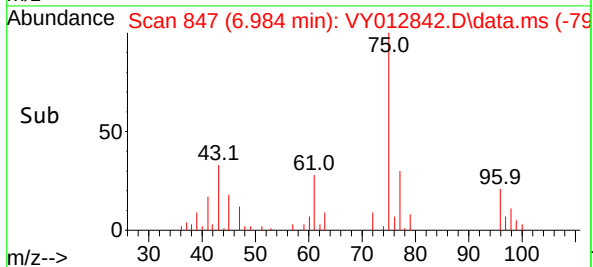
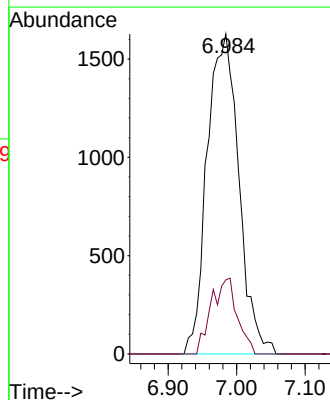
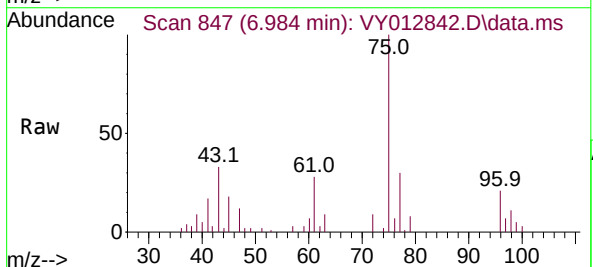
Acq: 07 Mar 2023 14:12

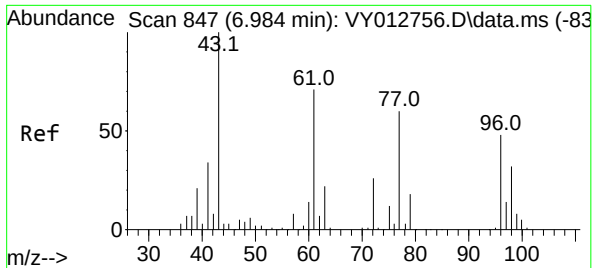
Tgt Ion: 77 Resp: 5231

Ion Ratio Lower Upper

77 100

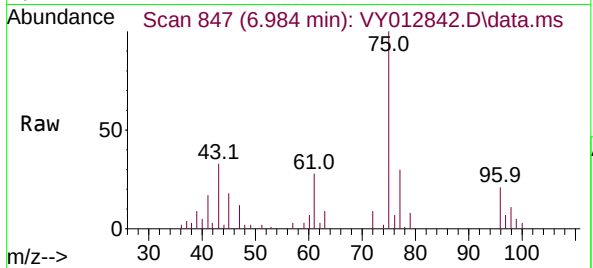
97 19.3 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 2.867 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012842.D
 Acq: 07 Mar 2023 14:12

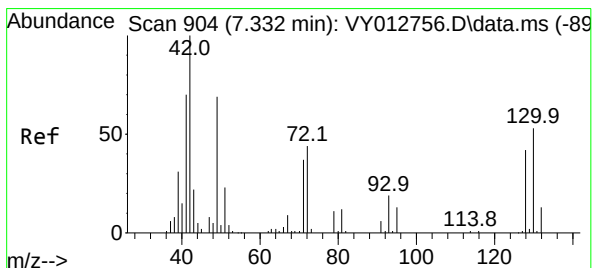
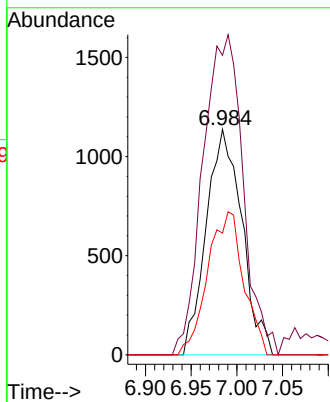
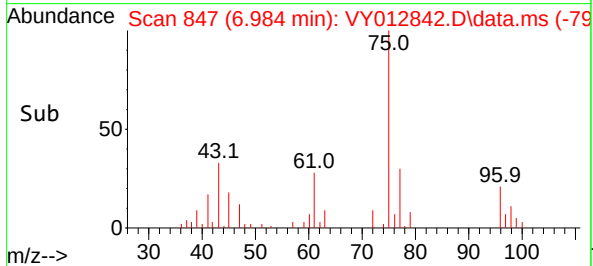
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 96 Resp: 308
 Ion Ratio Lower Upper
 96 100
 61 159.1 0.0 295.8
 98 63.9 0.0 130.2

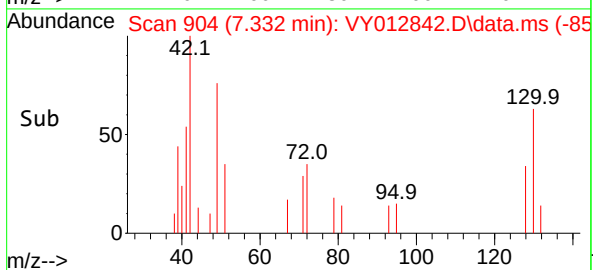
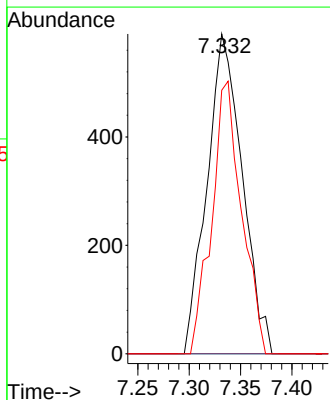
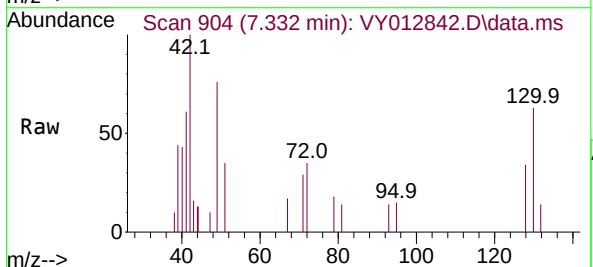
Manual Integrations
 APPROVED

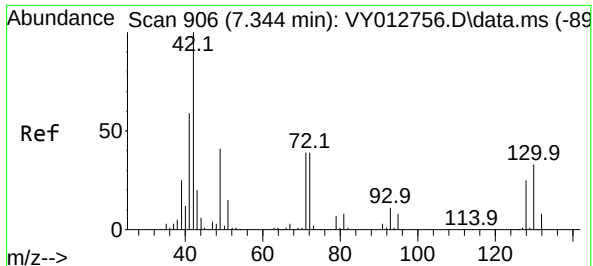
Reviewed By :Krupa Patel 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023



#28
 Bromochloromethane
 Concen: 2.179 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012842.D
 Acq: 07 Mar 2023 14:12

Tgt Ion: 49 Resp: 1407
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 72.0 60.5 90.7





#29

Tetrahydrofuran

Concen: 10.980 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012842.D

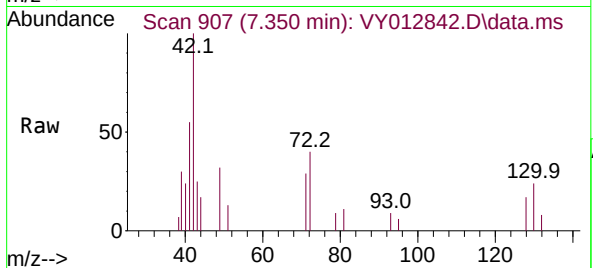
Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



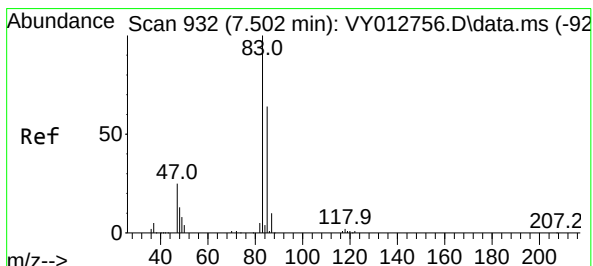
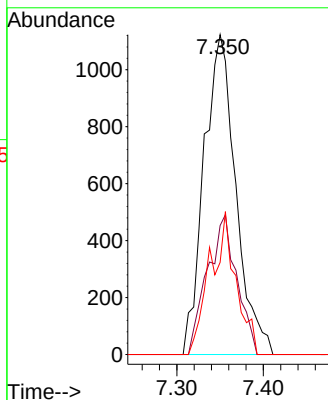
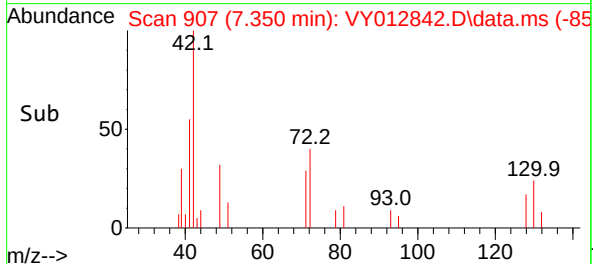
Tgt Ion:	42	Resp:	286
Ion Ratio	100	Lower	Upper
42	100		
72	40.4	32.3	48.5
71	36.2	30.3	45.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#30

Chloroform

Concen: 3.002 ug/l

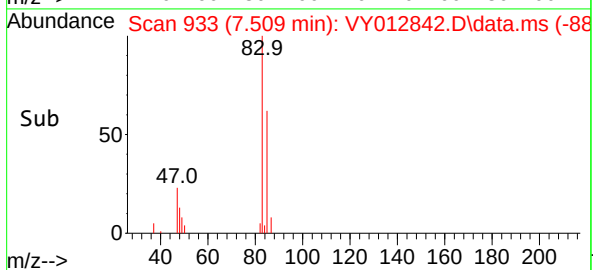
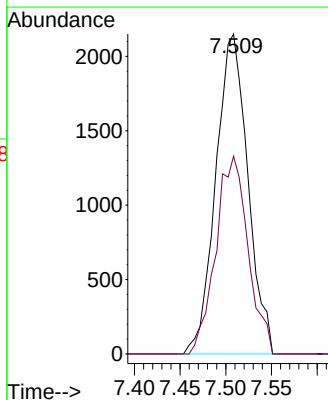
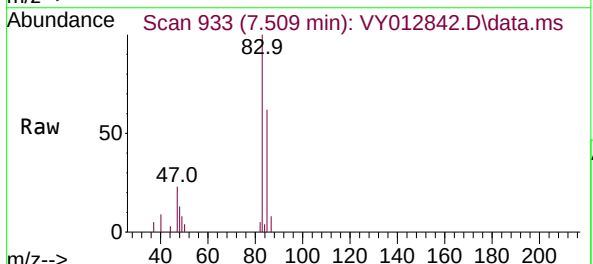
RT: 7.509 min Scan# 933

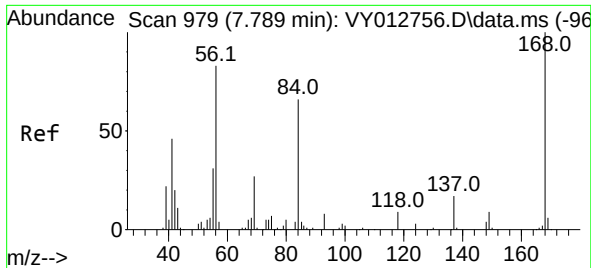
Delta R.T. 0.007 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

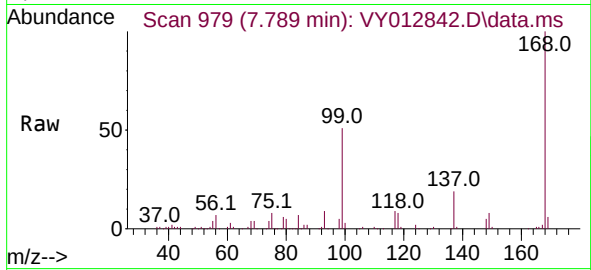
Tgt Ion:	83	Resp:	5240
Ion Ratio	100	Lower	Upper
83	100		
85	61.8	51.4	77.0





#31
Cyclohexane
Concen: 3.680 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

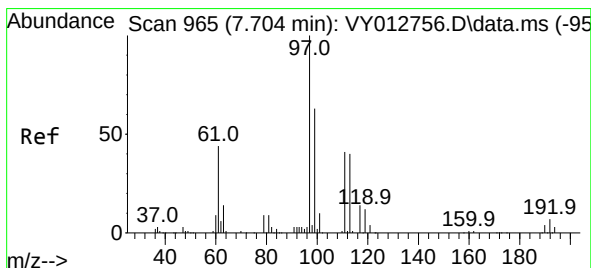
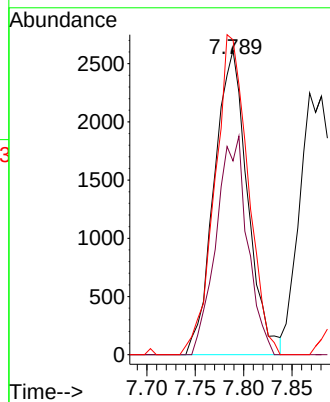
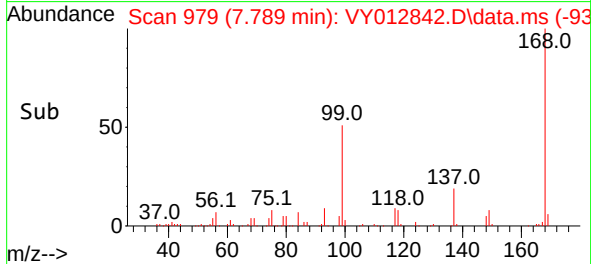
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 56 Resp: 628
Ion Ratio Lower Upper
56 100
69 63.6 25.7 38.5
84 103.4 64.3 96.5

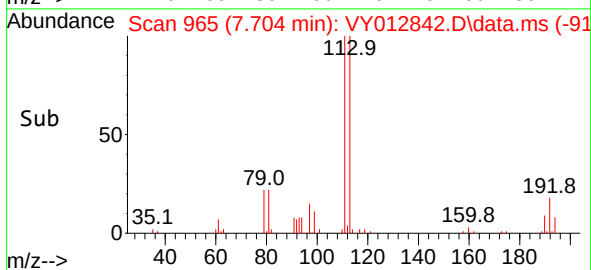
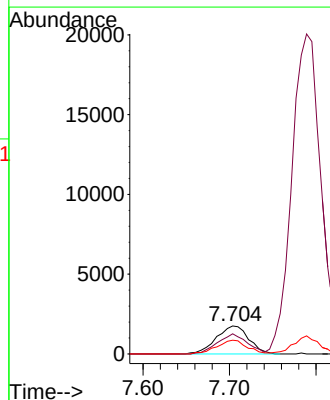
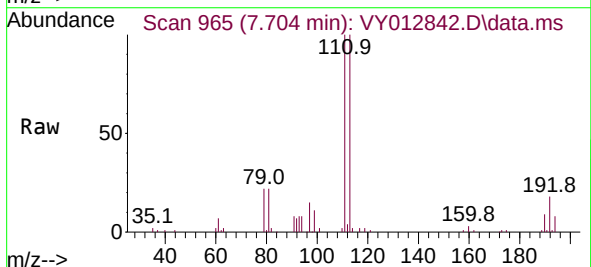
Manual Integrations
APPROVED

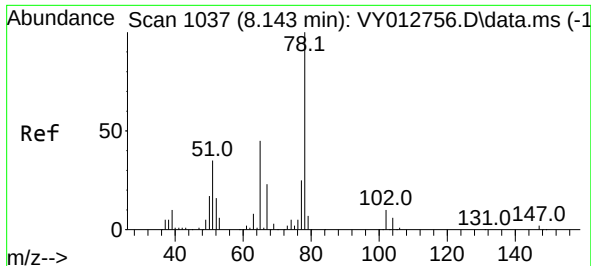
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#32
1,1,1-Trichloroethane
Concen: 2.890 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 97 Resp: 4561
Ion Ratio Lower Upper
97 100
99 66.1 51.0 76.6
61 45.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.296 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 65 Resp: 41258

Ion Ratio Lower Upper

65 100

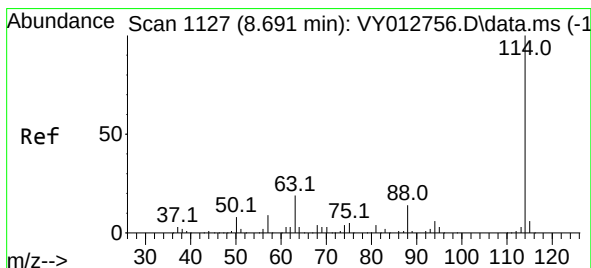
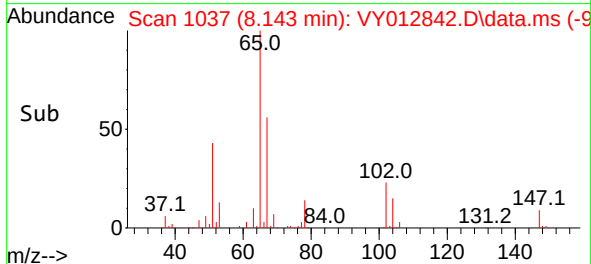
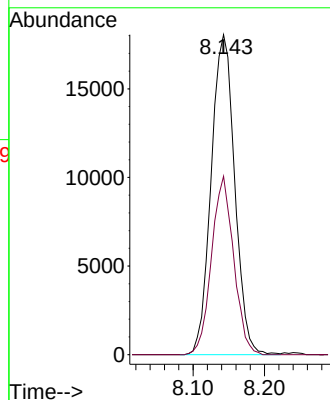
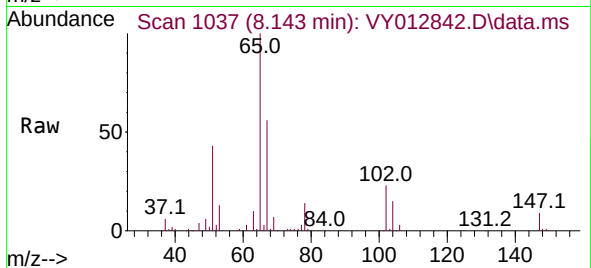
67 52.5 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

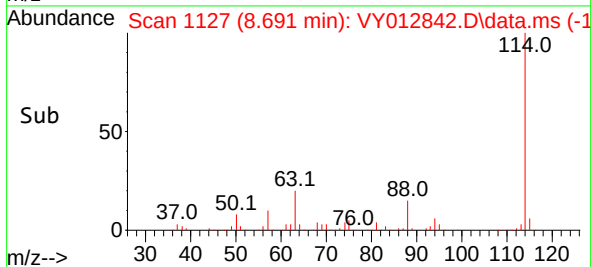
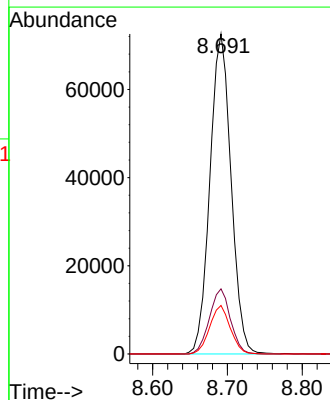
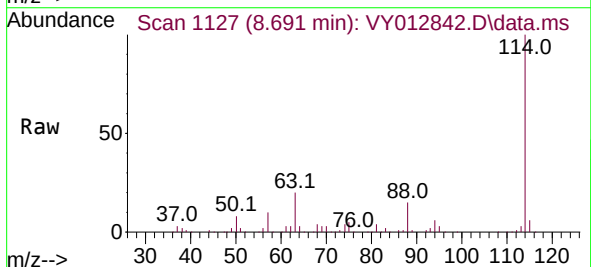
Tgt Ion:114 Resp: 142723

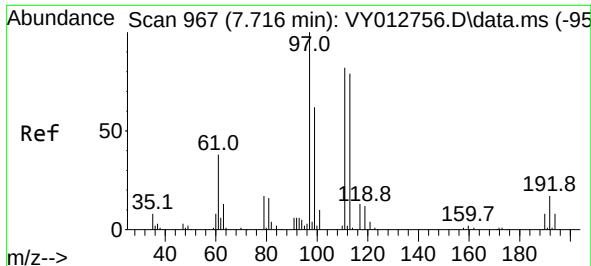
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

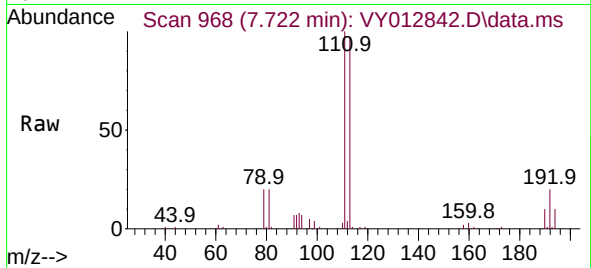
88 15.2 0.0 28.6





#35
Dibromofluoromethane
Concen: 47.832 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

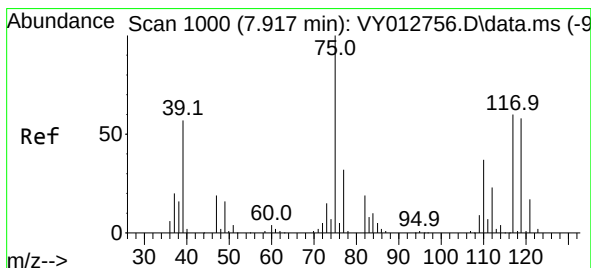
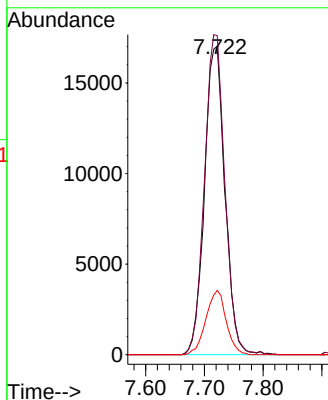
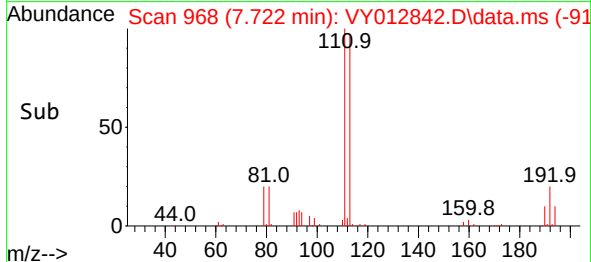
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion:113 Resp: 41199
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 20.6 16.8 25.2

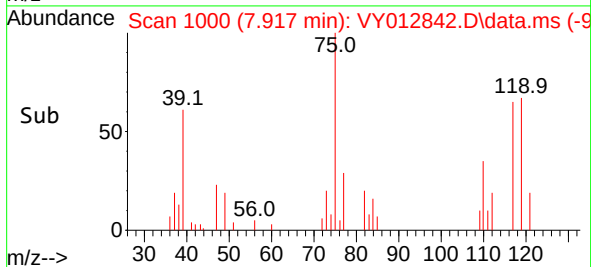
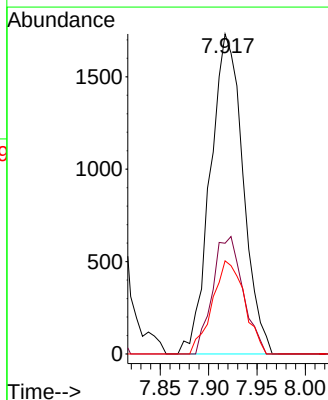
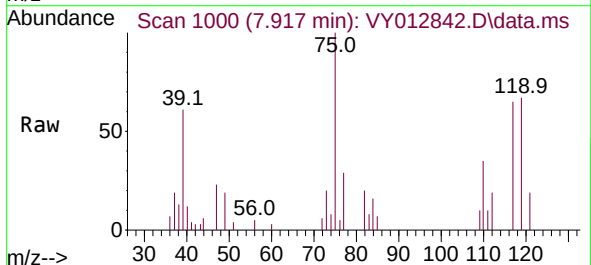
Manual Integrations
APPROVED

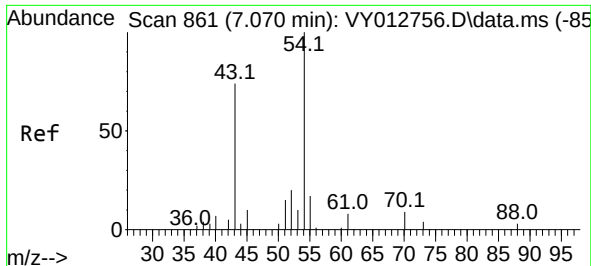
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#36
1,1-Dichloropropene
Concen: 2.827 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 75 Resp: 4080
Ion Ratio Lower Upper
75 100
110 34.0 17.8 53.3
77 28.6 25.0 37.4





#37

Ethyl Acetate

Concen: 2.307 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012842.D

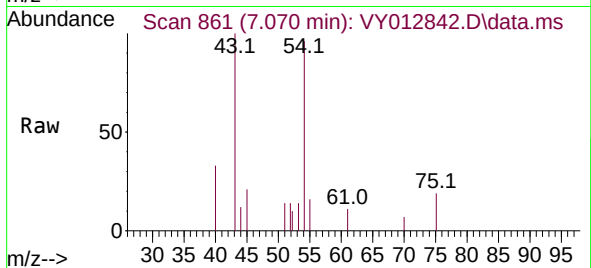
Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 43 Resp: 2095

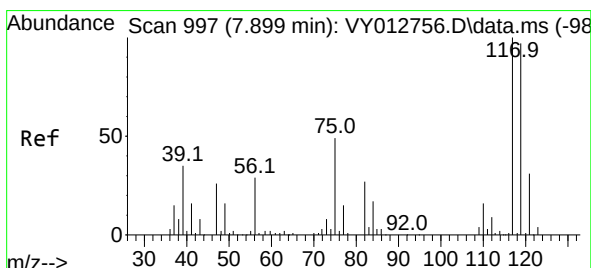
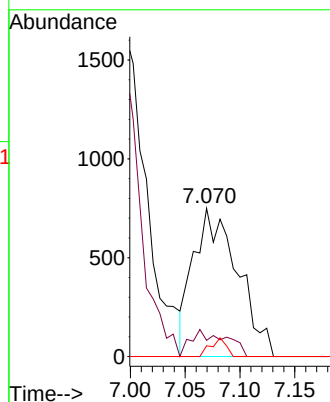
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.7	16.1
70	4.4	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#38

Carbon Tetrachloride

Concen: 3.075 ug/l

RT: 7.905 min Scan# 998

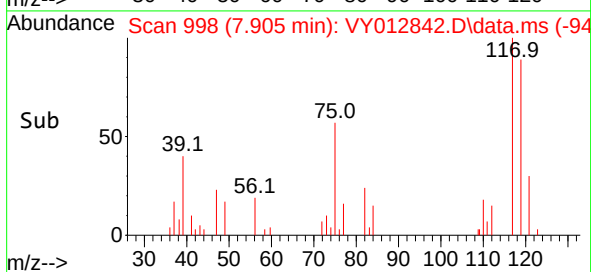
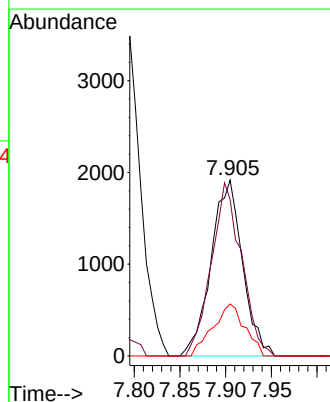
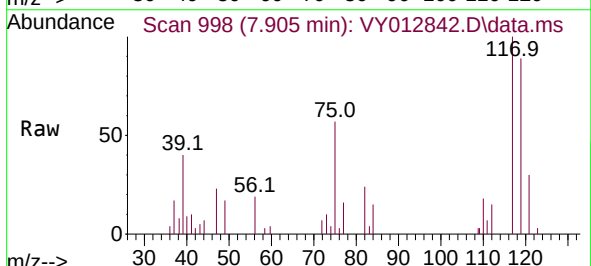
Delta R.T. 0.006 min

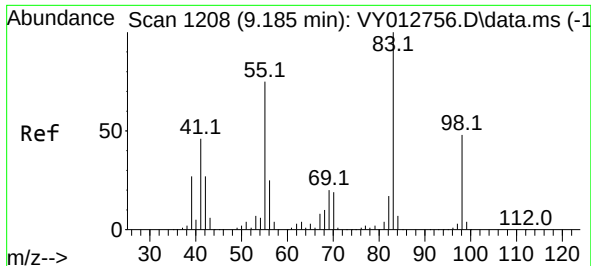
Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Tgt Ion:117 Resp: 4584

Ion	Ratio	Lower	Upper
117	100		
119	89.0	77.2	115.8
121	29.5	24.7	37.1





#39

Methylcyclohexane

Concen: 2.630 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 83 Resp: 4514

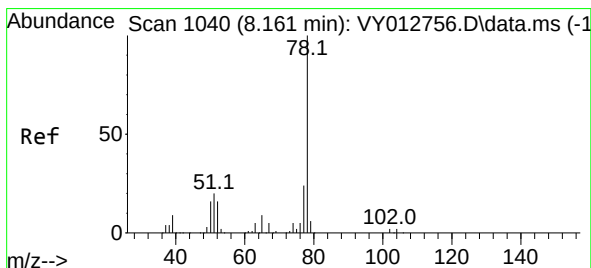
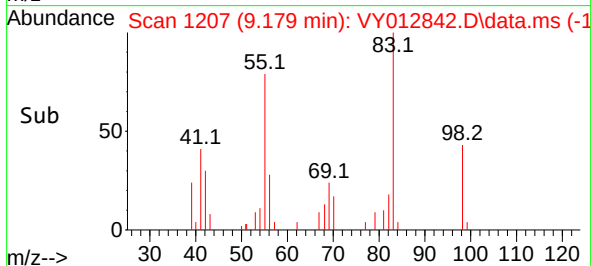
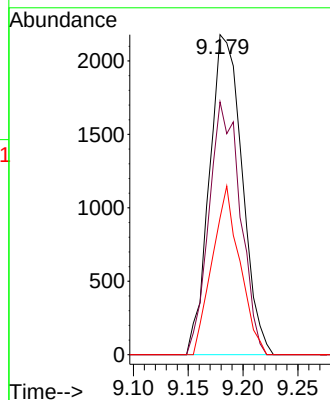
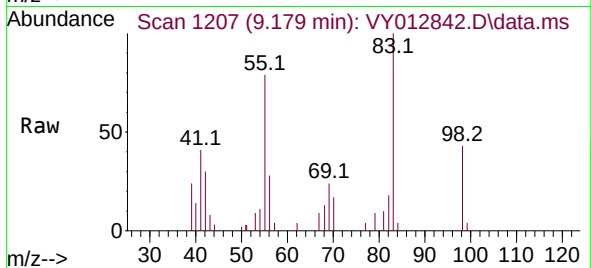
Ion	Ratio	Lower	Upper
83	100		
55	79.0	60.0	90.0
98	42.8	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#40

Benzene

Concen: 2.745 ug/l

RT: 8.161 min Scan# 1040

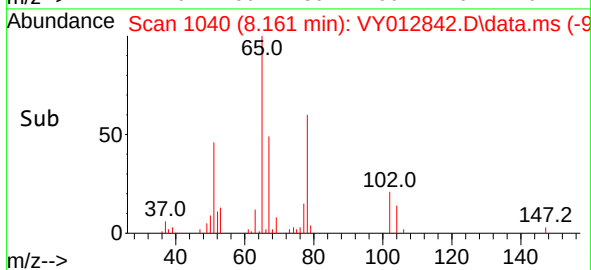
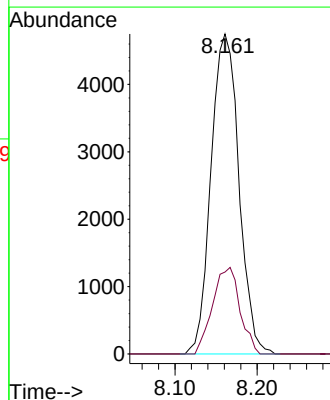
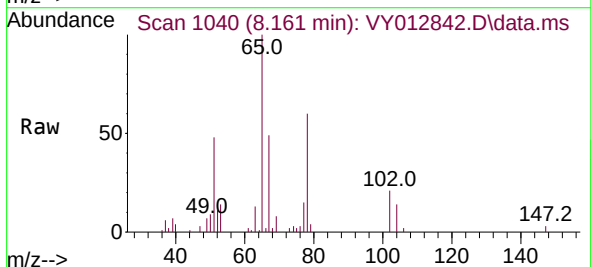
Delta R.T. 0.000 min

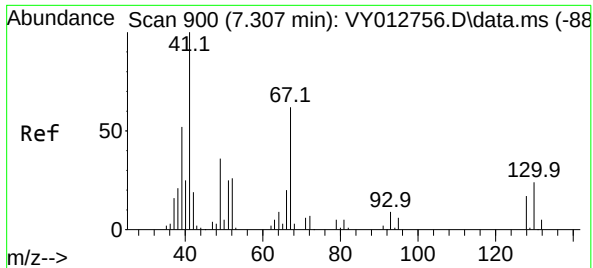
Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Tgt Ion: 78 Resp: 11207

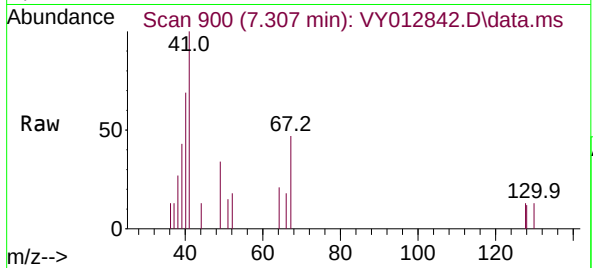
Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.4	29.0





#41
Methacrylonitrile
Concen: 1.730 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

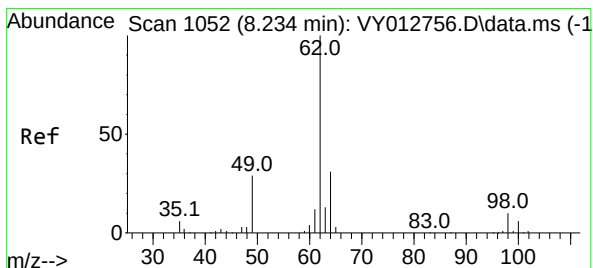
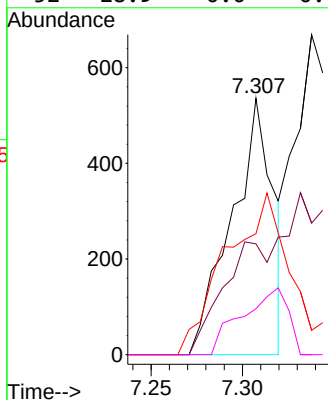
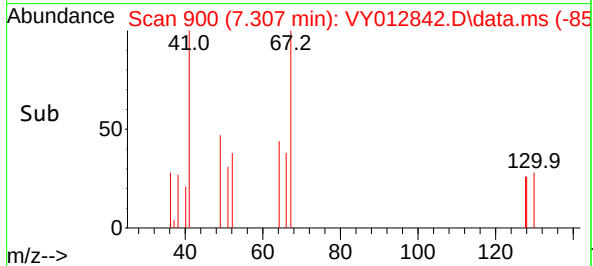
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 41 Resp: 844
Ion Ratio Lower Upper
41 100
39 48.0 0.0 0.0
67 96.6 0.0 0.0
52 28.9 0.0 0.0

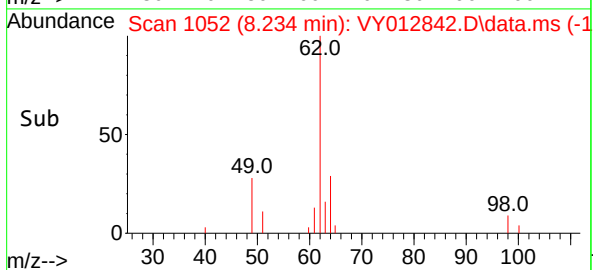
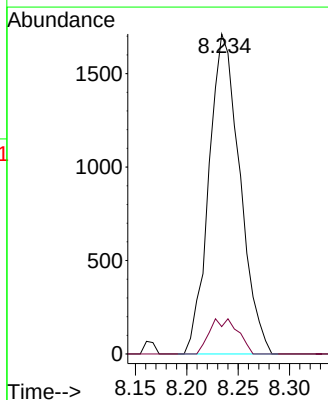
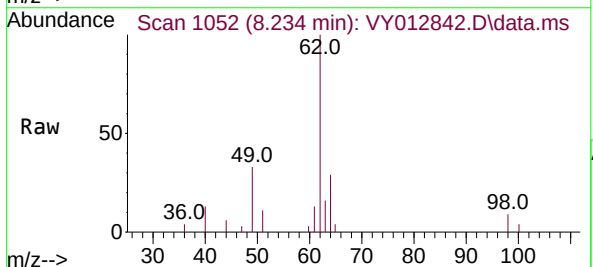
Manual Integrations
APPROVED

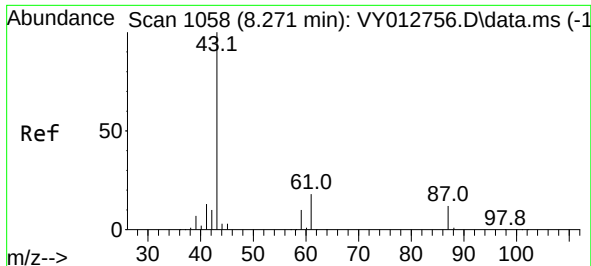
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#42
1,2-Dichloroethane
Concen: 2.929 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 62 Resp: 3596
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.8





#43

Isopropyl Acetate

Concen: 2.167 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY012842.D

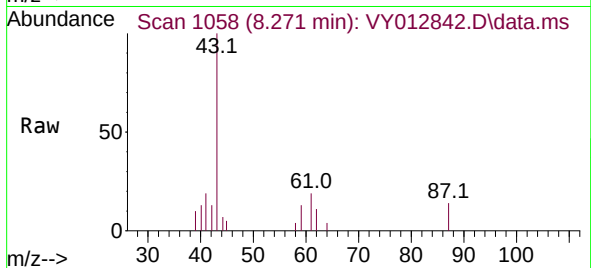
Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



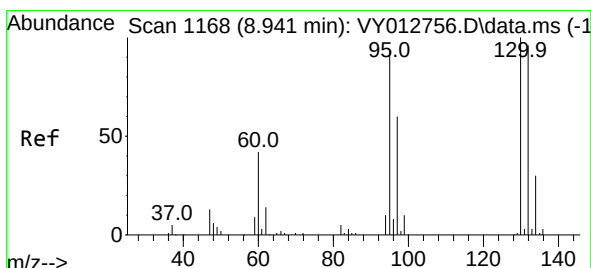
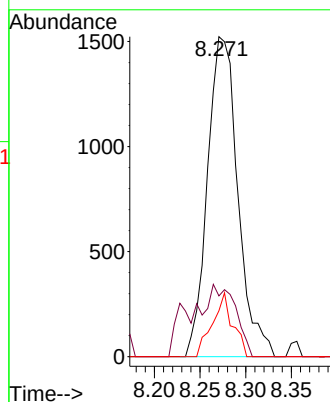
Tgt Ion: 43	Resp: 3518
Ion Ratio	Lower Upper
43	100
61	20.1 21.6 32.4
87	13.3 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#44

Trichloroethene

Concen: 2.739 ug/l

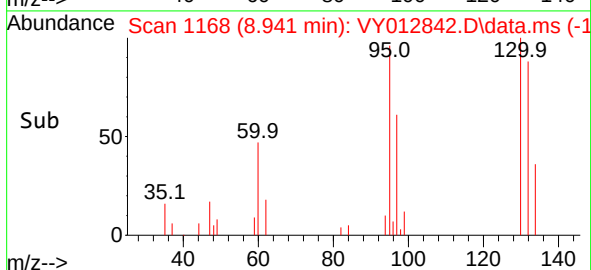
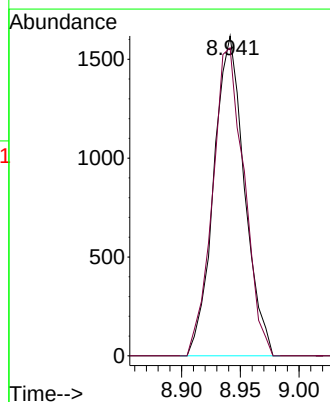
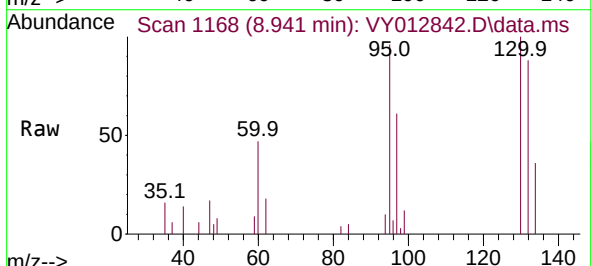
RT: 8.941 min Scan# 1168

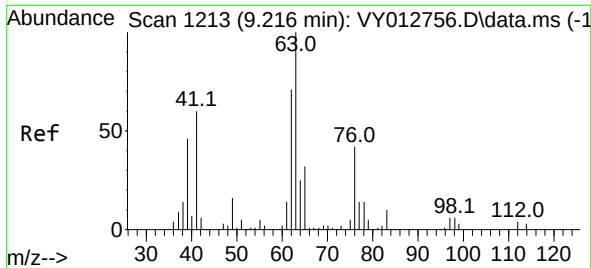
Delta R.T. 0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

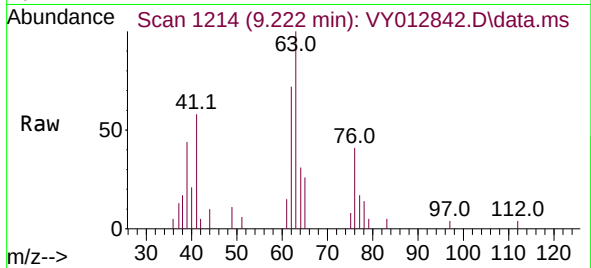
Tgt Ion:130	Resp: 2948
Ion Ratio	Lower Upper
130	100
95	96.3 0.0 185.0





#45
1,2-Dichloropropane
Concen: 2.714 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

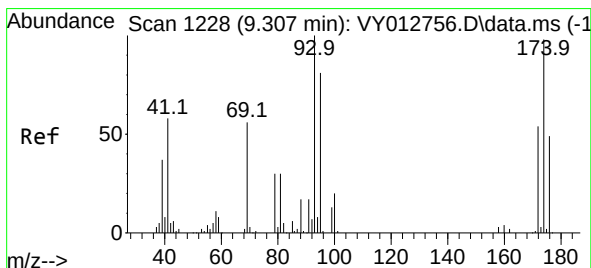
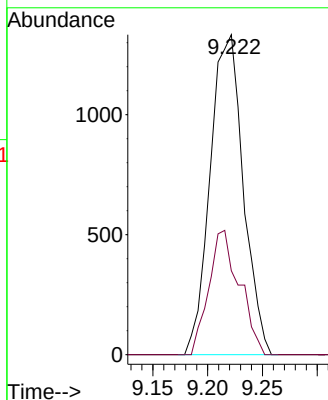
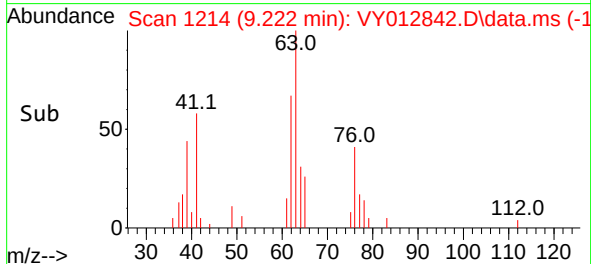
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 63 Resp: 280
Ion Ratio Lower Upper
63 100
65 26.3 25.7 38.5

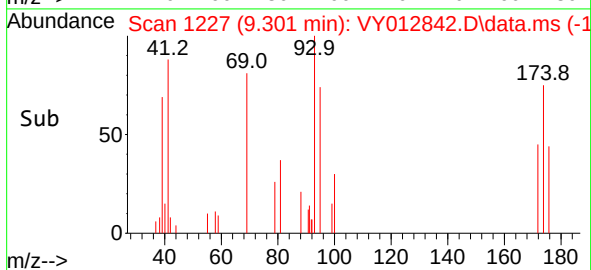
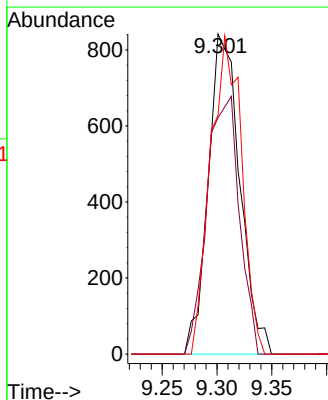
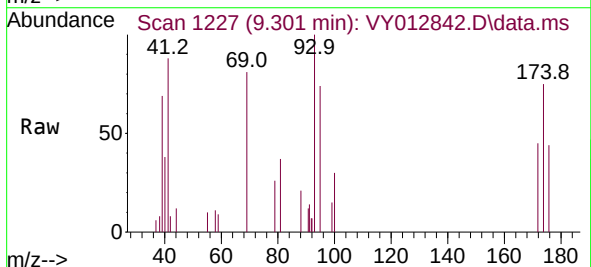
Manual Integrations
APPROVED

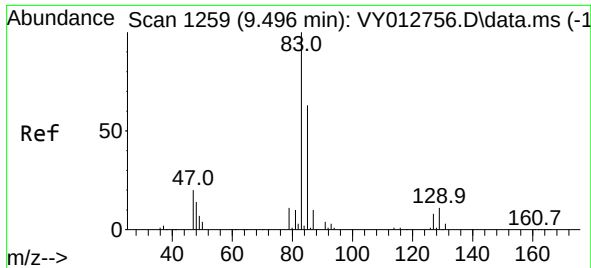
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#46
Dibromomethane
Concen: 2.875 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 93 Resp: 1690
Ion Ratio Lower Upper
93 100
95 82.5 65.6 98.4
174 97.9 81.3 121.9





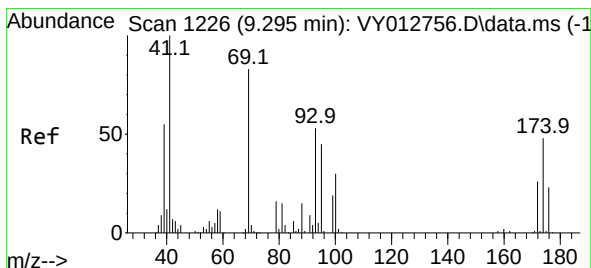
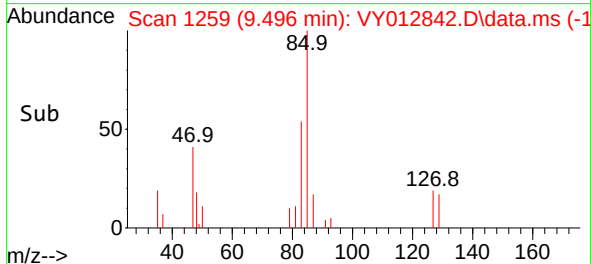
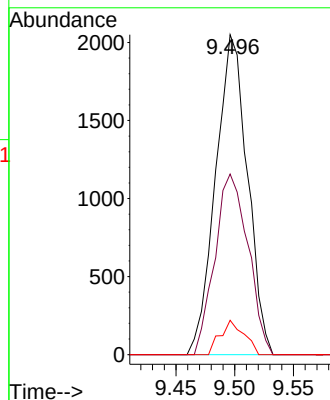
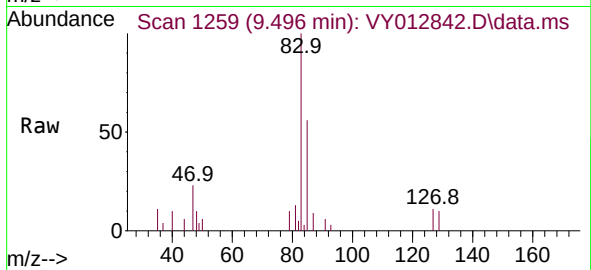
#47
Bromodichloromethane
Concen: 2.785 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 83 Resp: 385
Ion Ratio Lower Upper
83 100
85 56.4 50.2 75.4
127 10.7 6.3 9.5

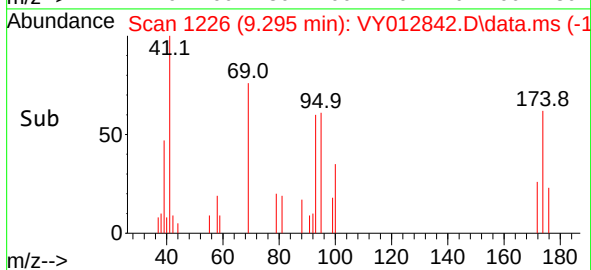
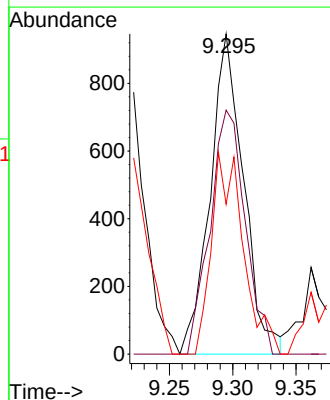
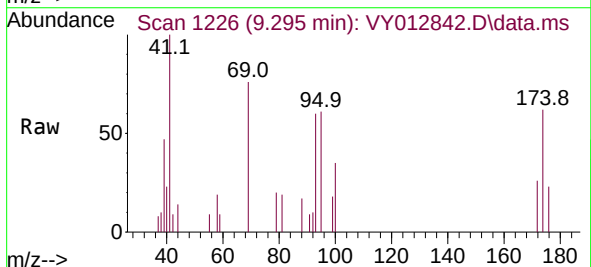
Manual Integrations
APPROVED

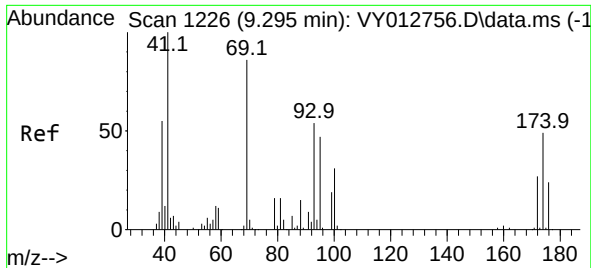
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#48
Methyl methacrylate
Concen: 2.320 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 41 Resp: 1735
Ion Ratio Lower Upper
41 100
69 80.3 64.1 96.1
39 59.9 44.0 66.0





#49

1,4-Dioxane

Concen: 40.660 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 88 Resp: 309

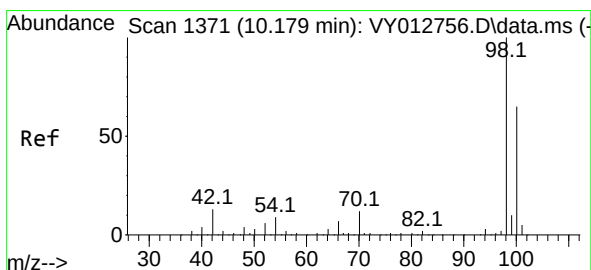
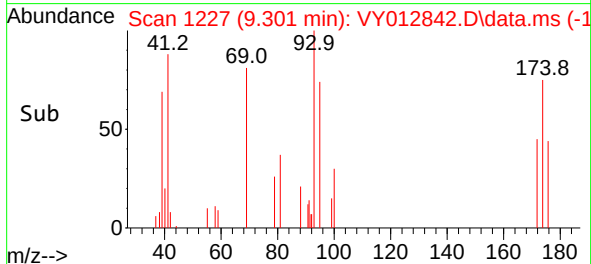
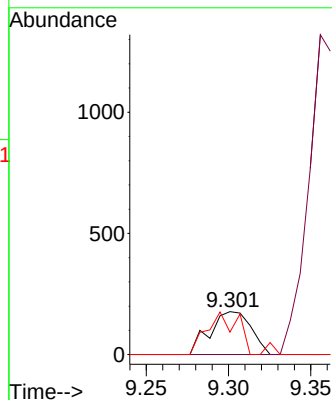
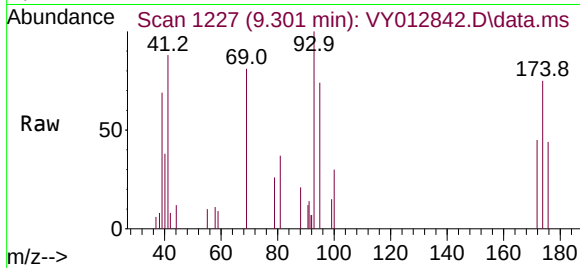
Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	42.8
58	74.4	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#50

Toluene-d8

Concen: 44.896 ug/l

RT: 10.185 min Scan# 1372

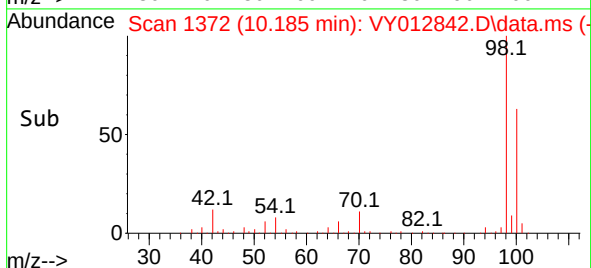
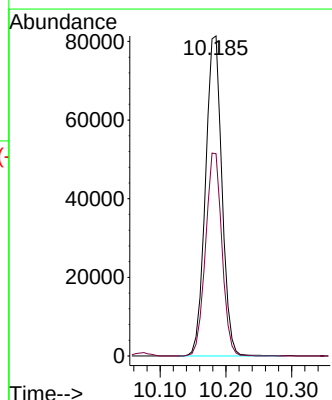
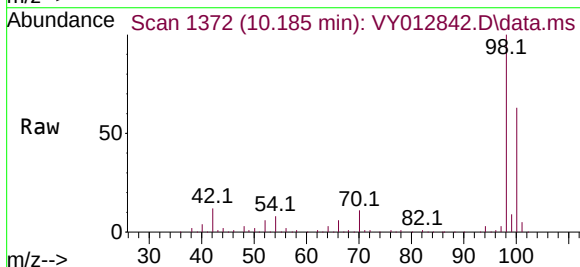
Delta R.T. 0.006 min

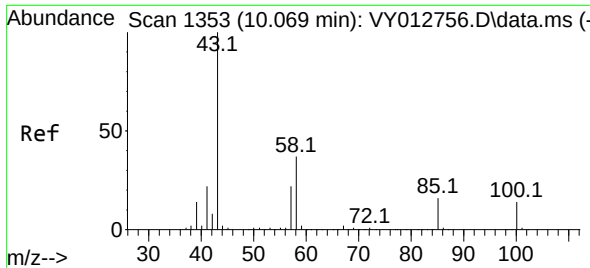
Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Tgt Ion: 98 Resp: 141370

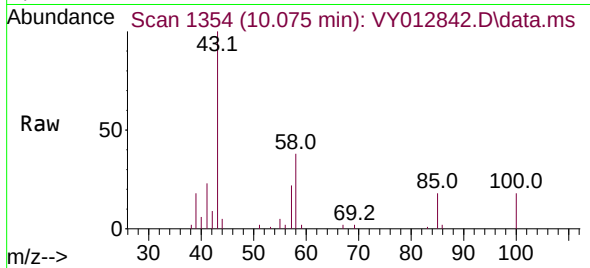
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3





#51
4-Methyl-2-Pentanone
Concen: 10.262 ug/l
RT: 10.075 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

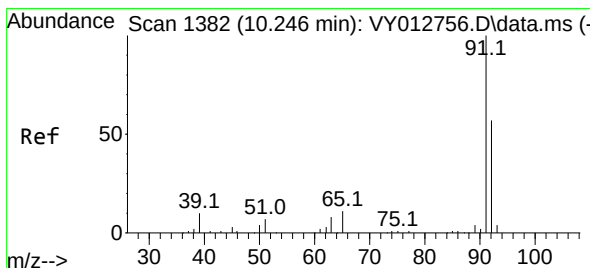
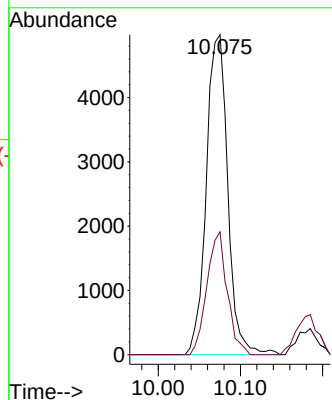
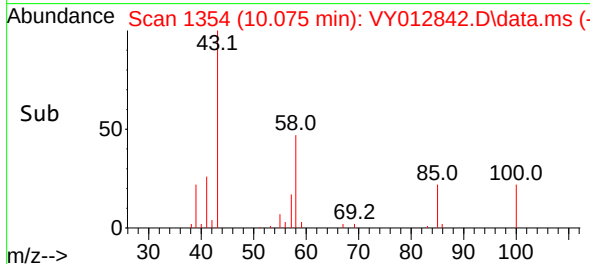
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 43 Resp: 9035
Ion Ratio Lower Upper
43 100
58 36.3 29.8 44.6

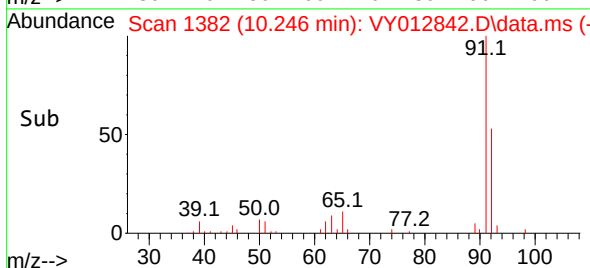
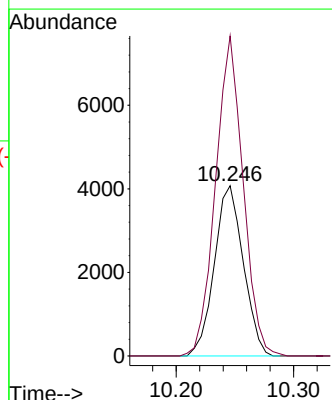
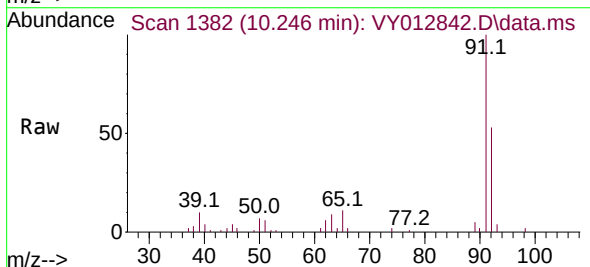
Manual Integrations
APPROVED

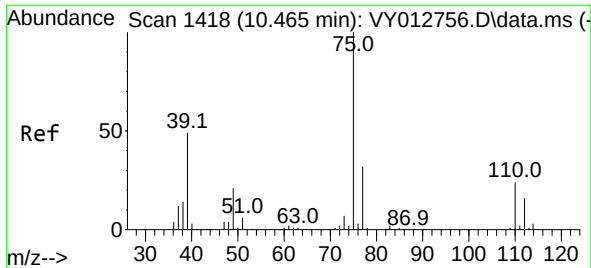
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#52
Toluene
Concen: 2.831 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

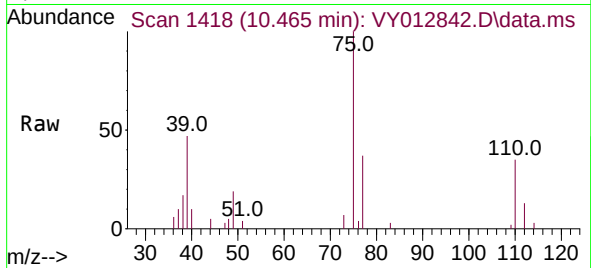
Tgt Ion: 92 Resp: 6971
Ion Ratio Lower Upper
92 100
91 179.2 141.3 211.9





#53
t-1,3-Dichloropropene
Concen: 2.500 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

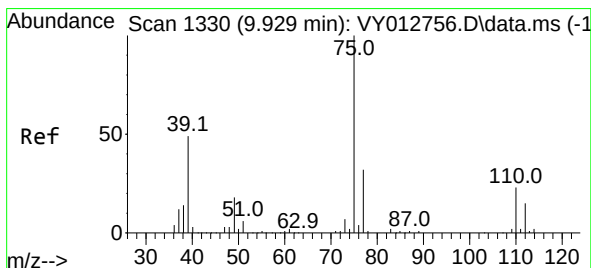
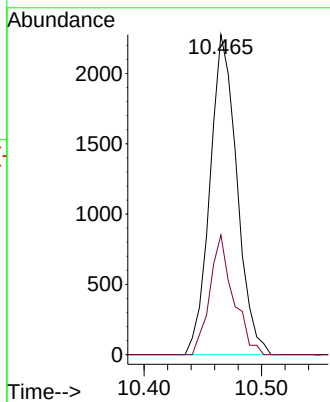
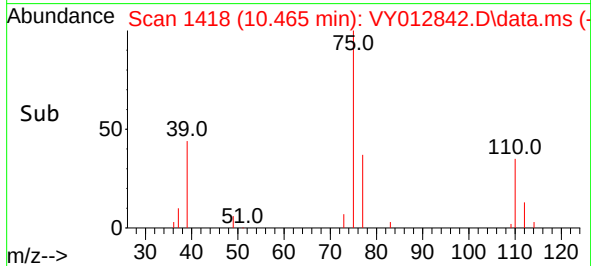
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 75 Resp: 363
Ion Ratio Lower Upper
75 100
77 37.4 25.4 38.2

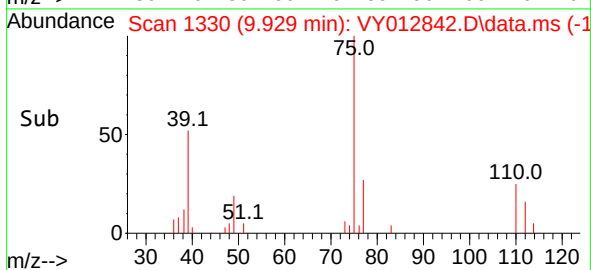
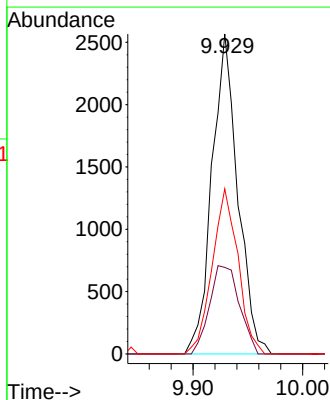
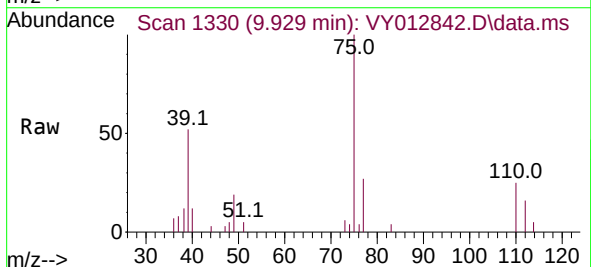
Manual Integrations
APPROVED

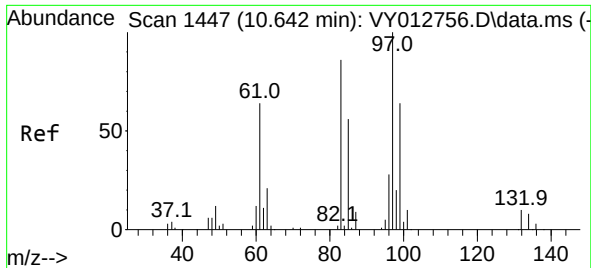
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#54
cis-1,3-Dichloropropene
Concen: 2.552 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

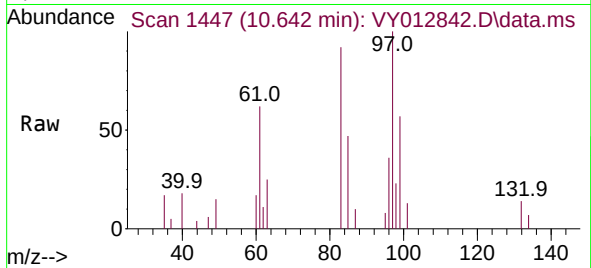
Tgt Ion: 75 Resp: 4197
Ion Ratio Lower Upper
75 100
77 27.1 25.4 38.0
39 51.6 39.0 58.4





#55
1,1,2-Trichloroethane
Concen: 2.519 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

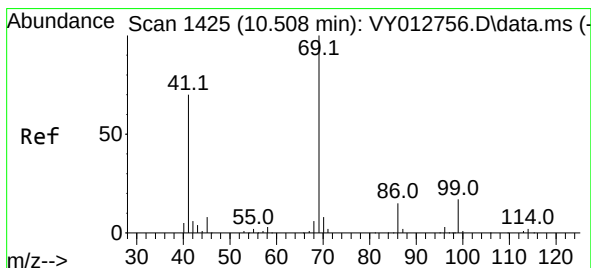
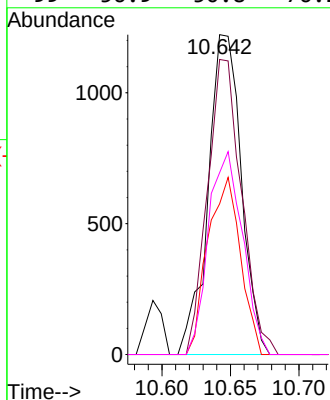
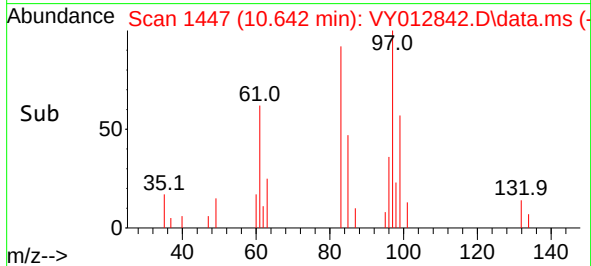
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



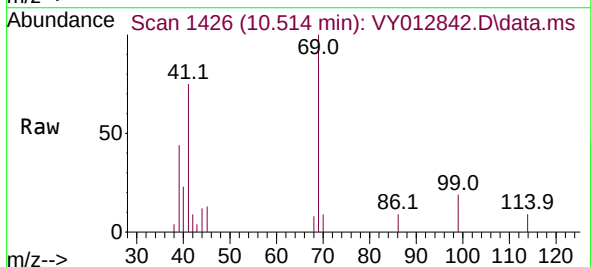
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.2	69.0	103.6
85	47.1	44.9	67.3
99	56.9	50.8	76.2

Manual Integrations
APPROVED

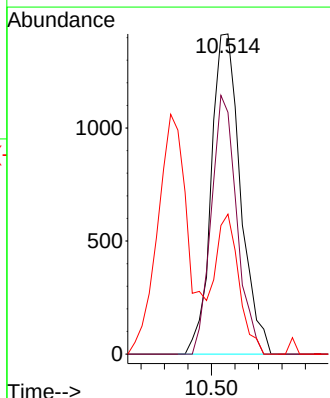
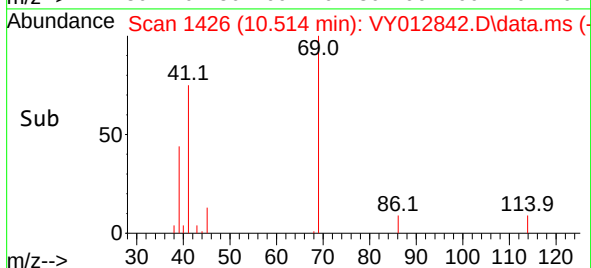
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

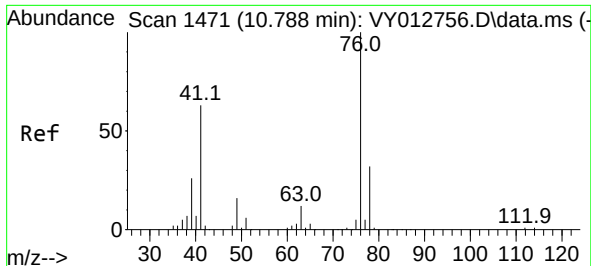


#56
Ethyl methacrylate
Concen: 2.247 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12



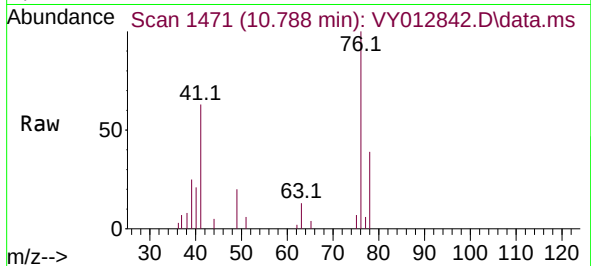
Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.4	56.4	84.6
39	34.9	30.8	46.2





#57
1,3-Dichloropropane
Concen: 2.566 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

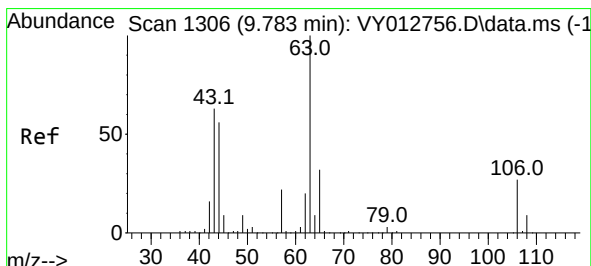
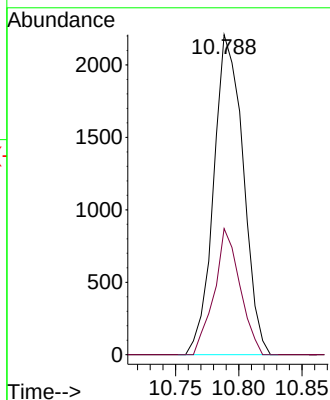
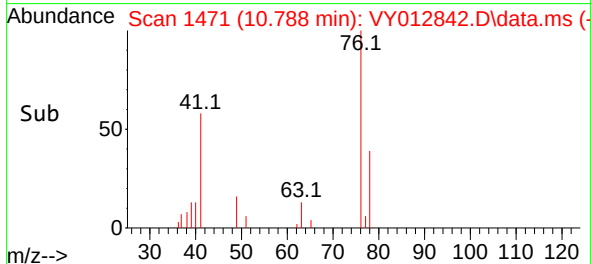
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 76 Resp: 3578
Ion Ratio Lower Upper
76 100
78 34.3 26.2 39.4

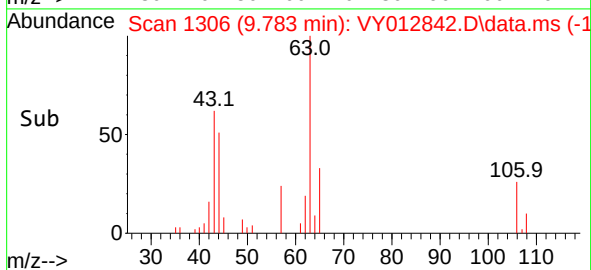
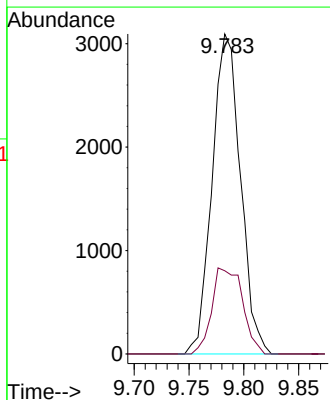
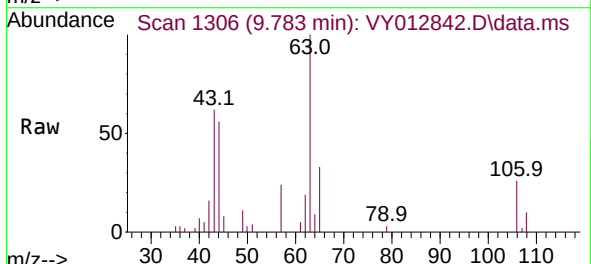
Manual Integrations
APPROVED

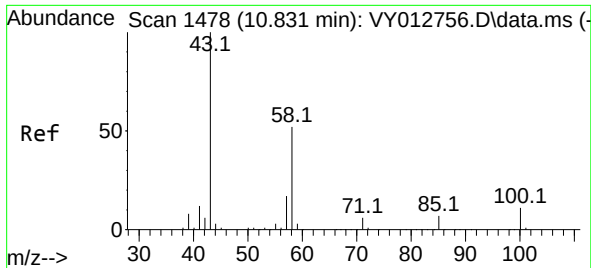
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#58
2-Chloroethyl Vinyl ether
Concen: 9.694 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

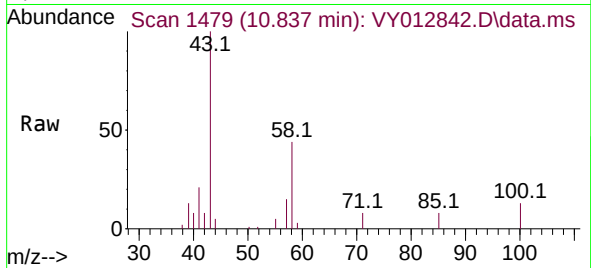
Tgt Ion: 63 Resp: 5555
Ion Ratio Lower Upper
63 100
106 29.1 22.1 33.1





#59
2-Hexanone
Concen: 9.585 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

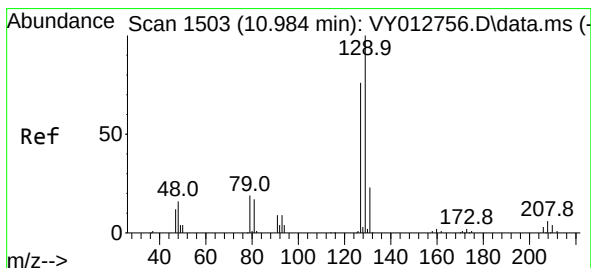
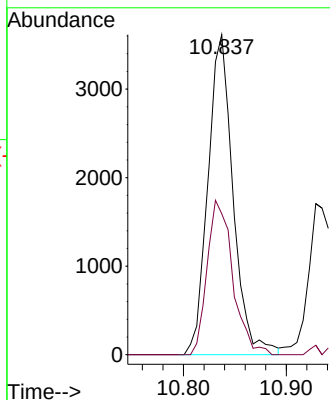
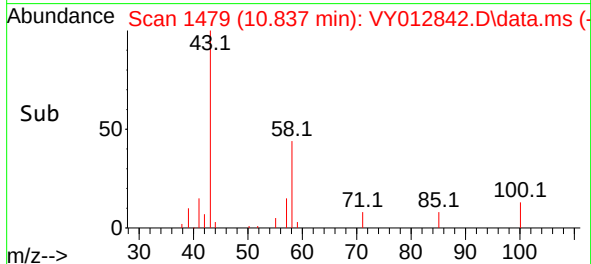
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
58 49.2 25.9 77.8

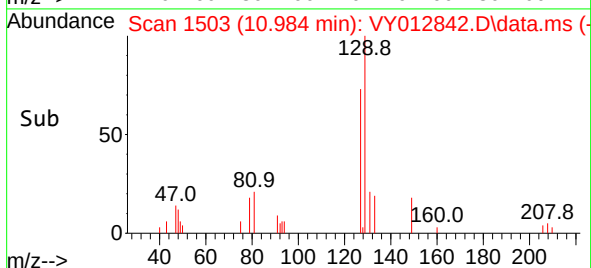
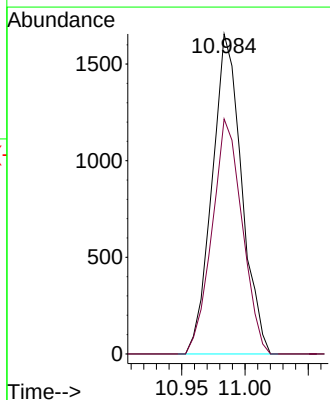
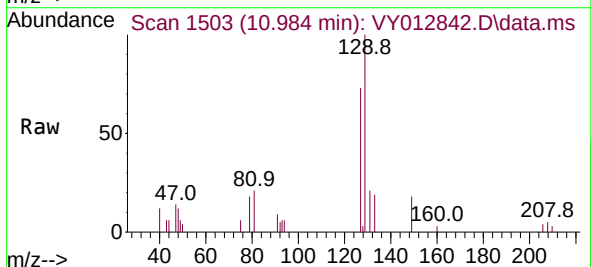
Manual Integrations
APPROVED

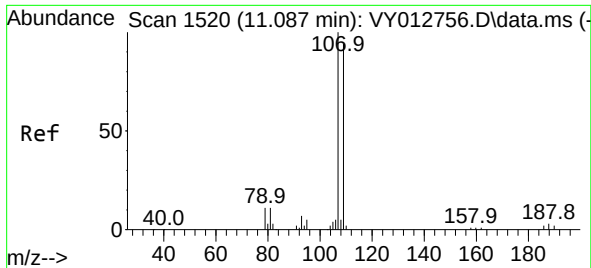
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#60
Dibromochloromethane
Concen: 2.694 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

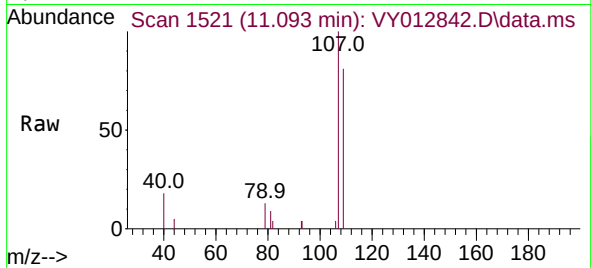
Tgt Ion:129 Resp: 2685
Ion Ratio Lower Upper
129 100
127 74.9 38.7 116.1





#61
1,2-Dibromoethane
Concen: 2.645 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

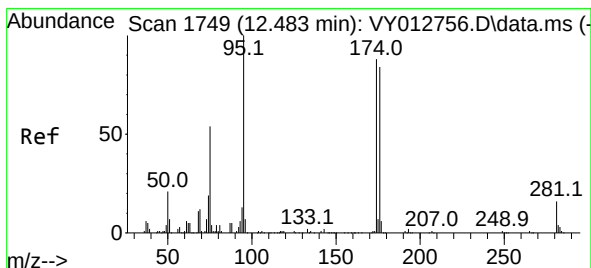
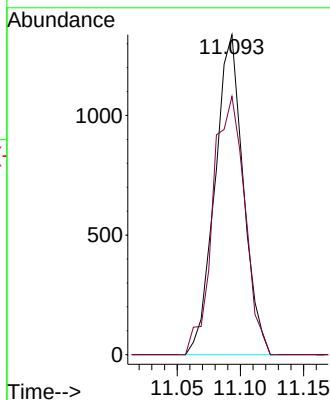
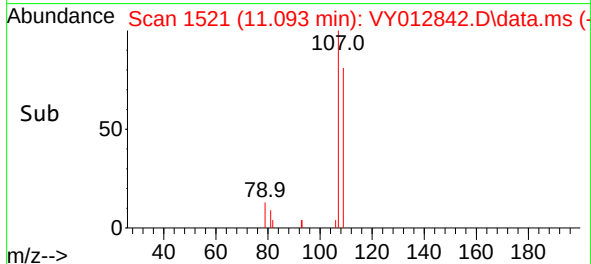
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



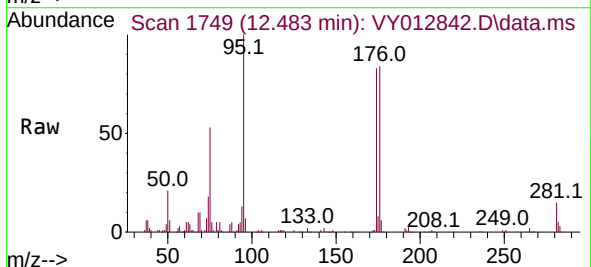
Tgt Ion:107 Resp: 2080
Ion Ratio Lower Upper
107 100
109 90.8 75.0 112.6

Manual Integrations
APPROVED

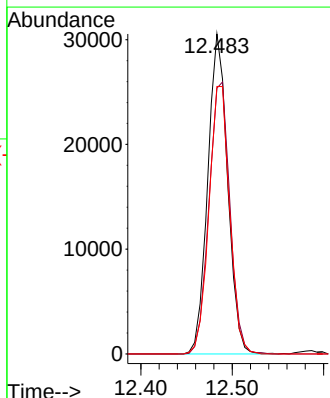
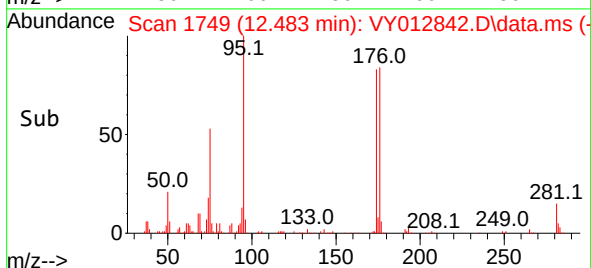
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

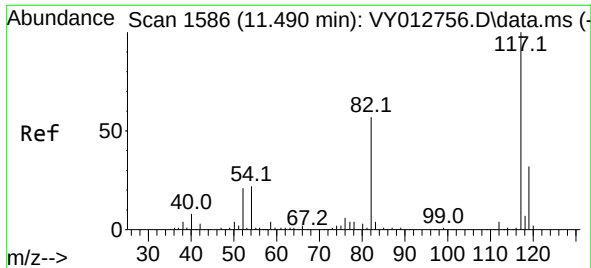


#62
4-Bromofluorobenzene
Concen: 43.325 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12



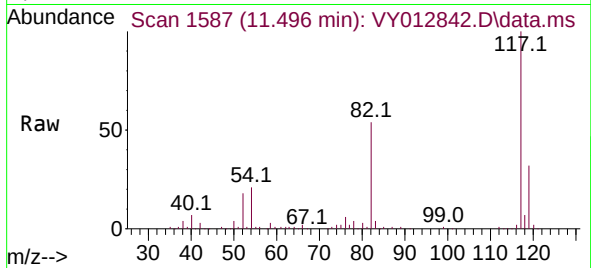
Tgt Ion: 95 Resp: 46046
Ion Ratio Lower Upper
95 100
174 89.6 0.0 176.6
176 87.2 0.0 170.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

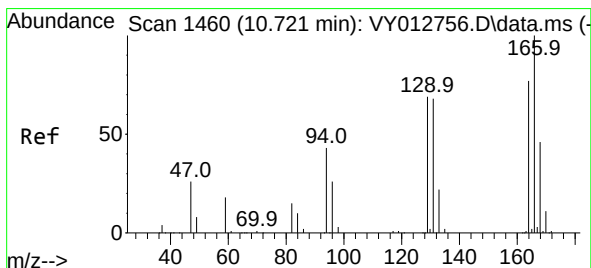
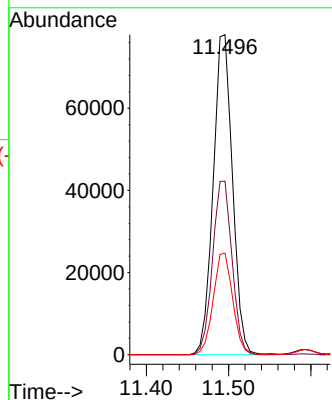
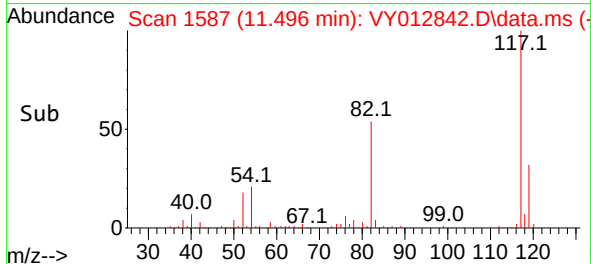
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



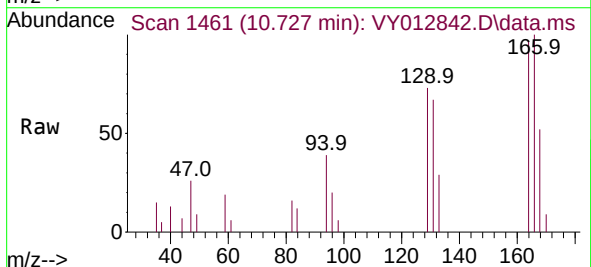
Tgt Ion:117 Resp: 12721
Ion Ratio Lower Upper
117 100
82 54.2 45.4 68.0
119 31.7 25.6 38.4

Manual Integrations
APPROVED

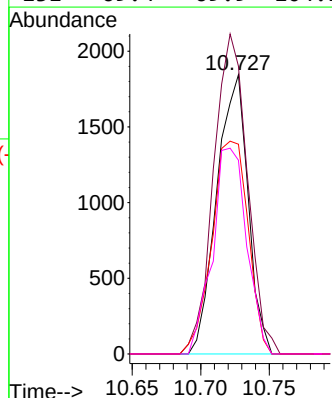
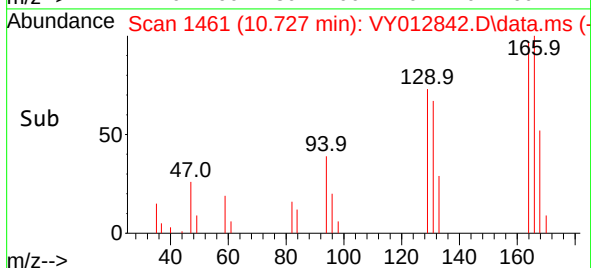
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

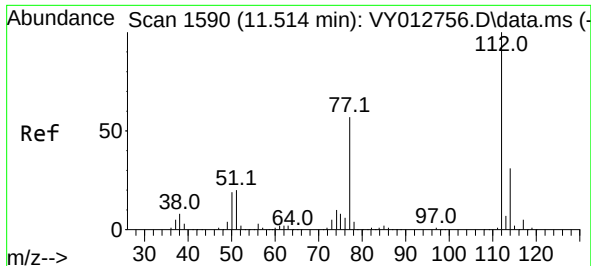


#64
Tetrachloroethene
Concen: 3.159 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12



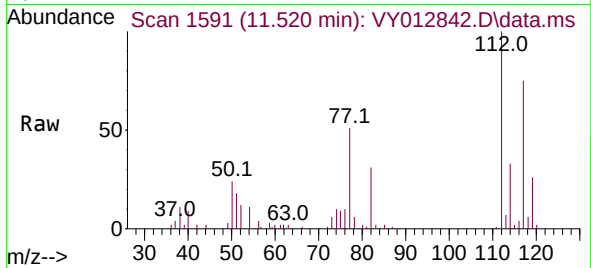
Tgt Ion:164 Resp: 2926
Ion Ratio Lower Upper
164 100
166 103.1 103.4 155.2#
129 75.1 71.4 107.2
131 69.4 69.9 104.9#





#65
Chlorobenzene
Concen: 2.777 ug/l
RT: 11.520 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

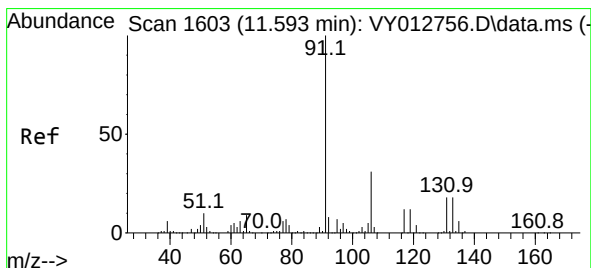
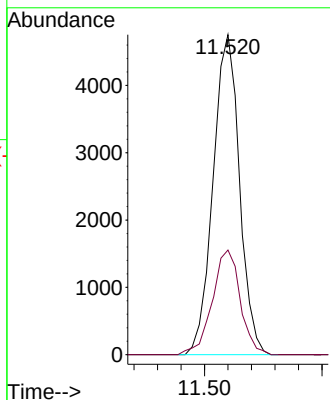
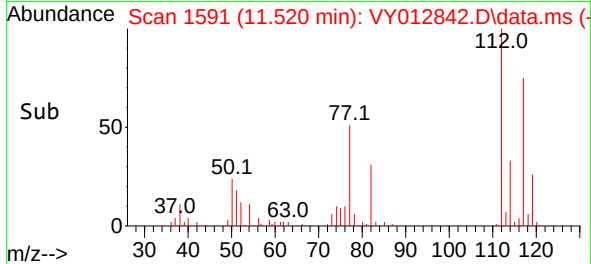
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023



Tgt Ion:112 Resp: 741
Ion Ratio Lower Upper
112 100
114 32.7 24.5 36.7

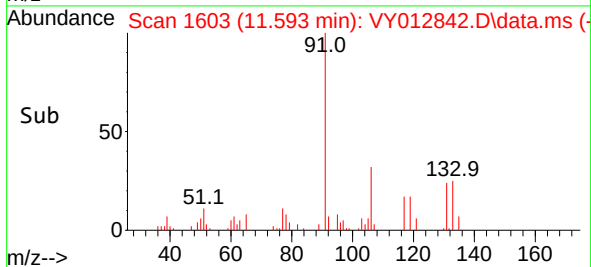
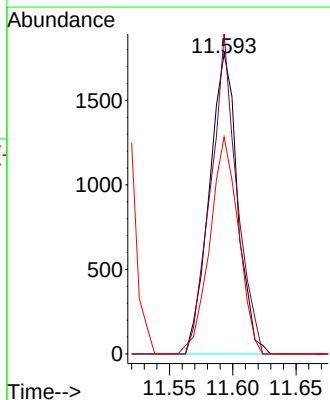
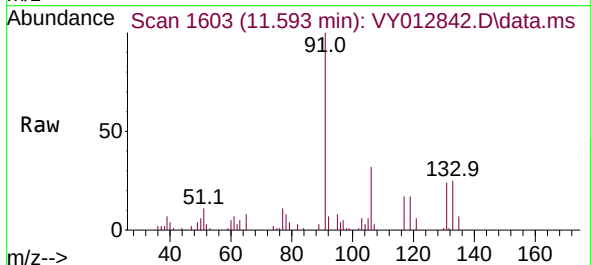
Manual Integrations
APPROVED

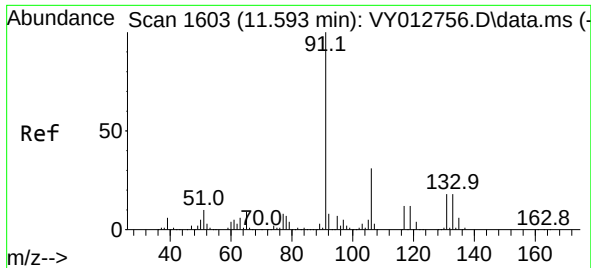
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 2.795 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:131 Resp: 2761
Ion Ratio Lower Upper
131 100
133 98.7 48.0 144.0
119 72.9 32.6 98.0





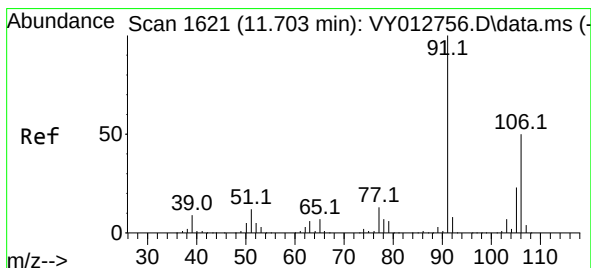
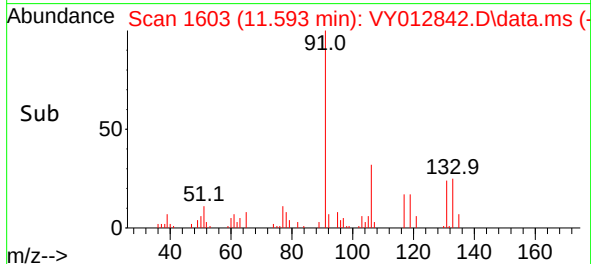
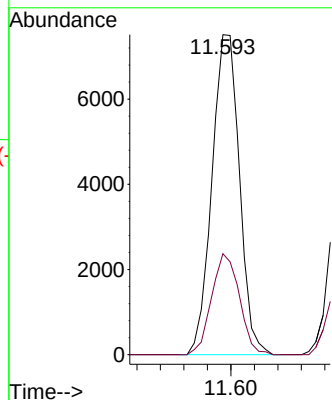
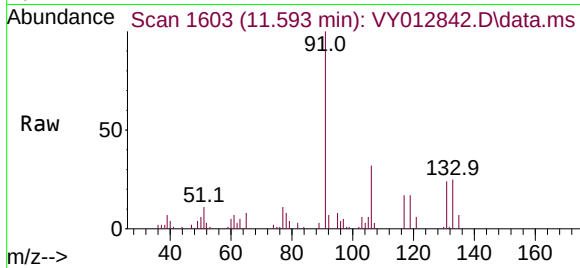
#67
Ethyl Benzene
Concen: 2.596 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 91 Resp: 1218
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7

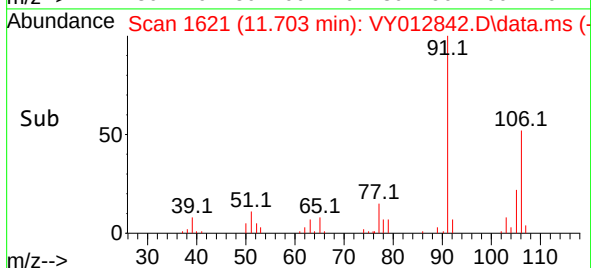
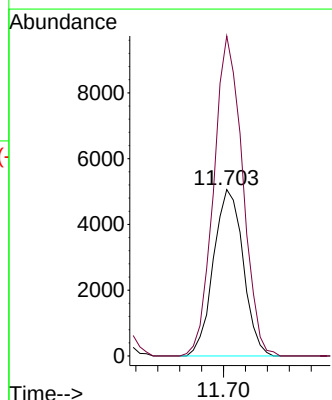
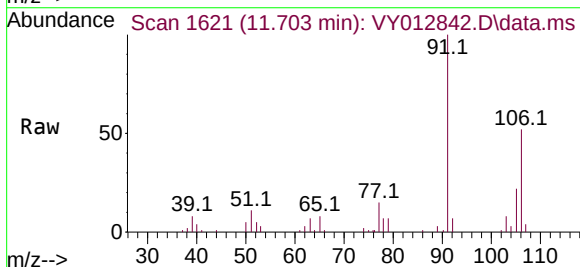
Manual Integrations
APPROVED

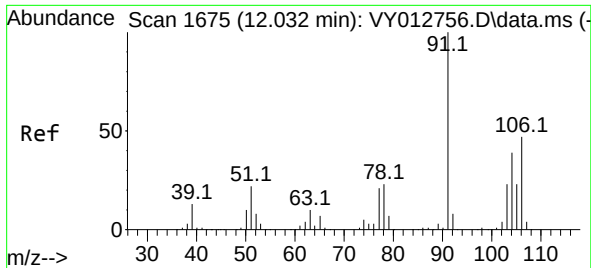
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#68
m/p-Xylenes
Concen: 5.275 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:106 Resp: 9525
Ion Ratio Lower Upper
106 100
91 187.2 159.8 239.8





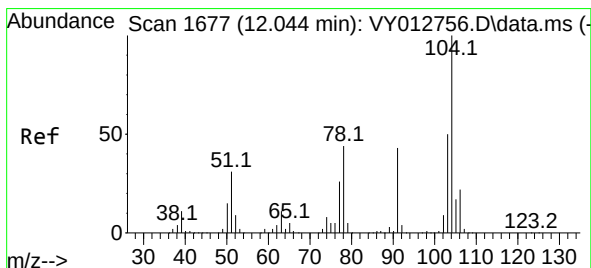
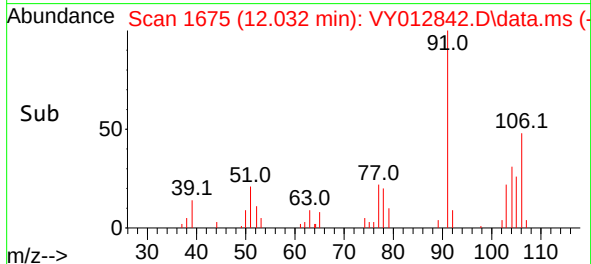
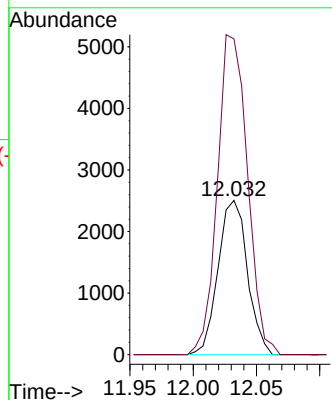
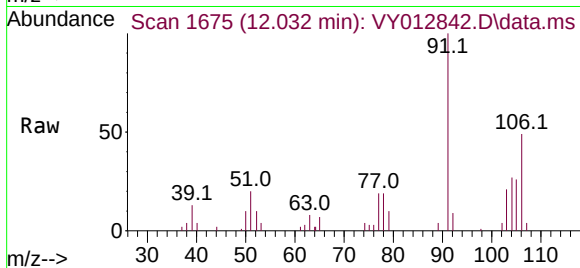
#69
o-Xylene
Concen: 2.398 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:106 Resp: 404
Ion Ratio Lower Upper
106 100
91 212.2 107.2 321.6

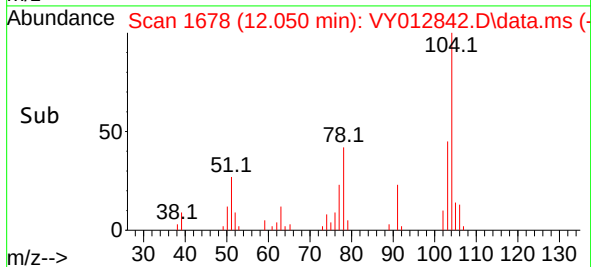
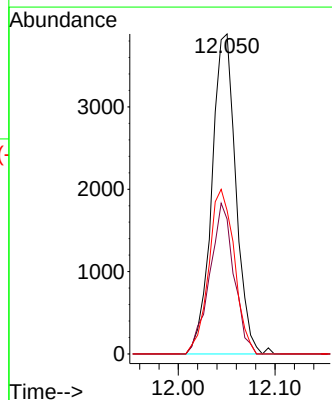
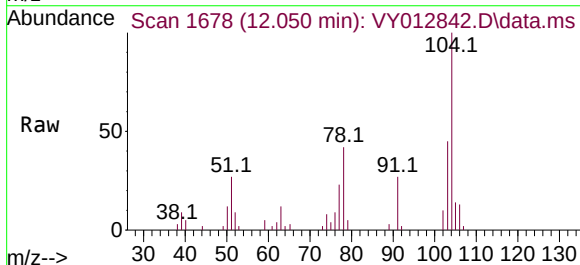
Manual Integrations
APPROVED

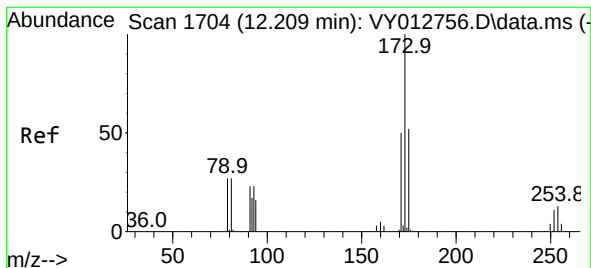
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#70
Styrene
Concen: 2.382 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:104 Resp: 6698
Ion Ratio Lower Upper
104 100
78 47.3 39.2 58.8
103 54.7 43.7 65.5





#71

Bromoform

Concen: 2.610 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

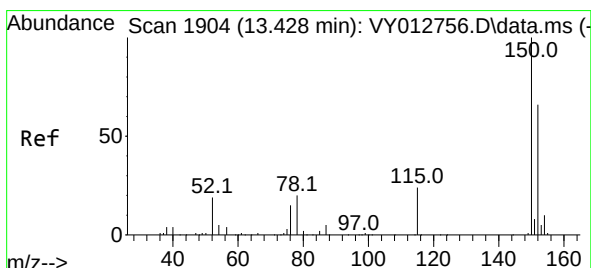
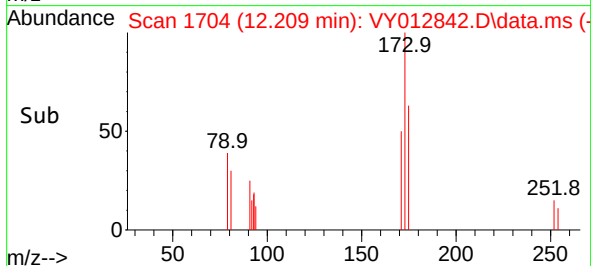
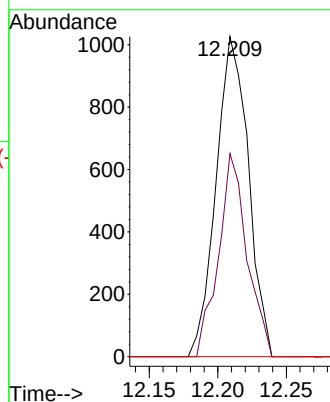
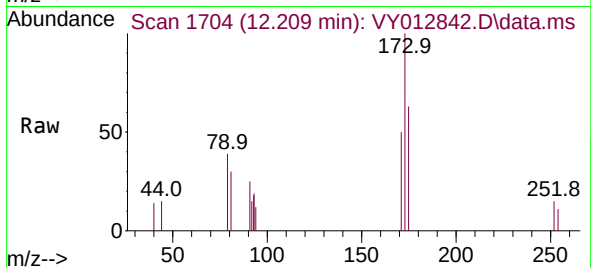
Tgt Ion:	173	Resp:	168
Ion Ratio	Lower	Upper	
173	100		
175	56.0	25.0	75.0
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

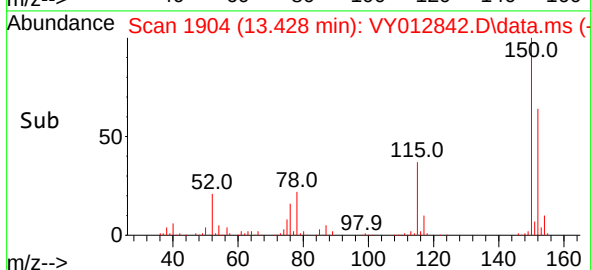
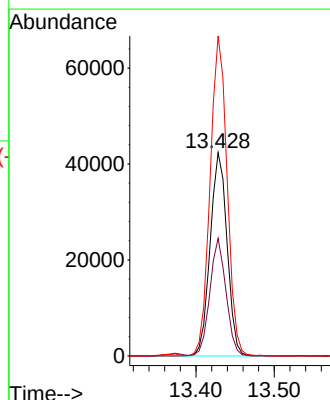
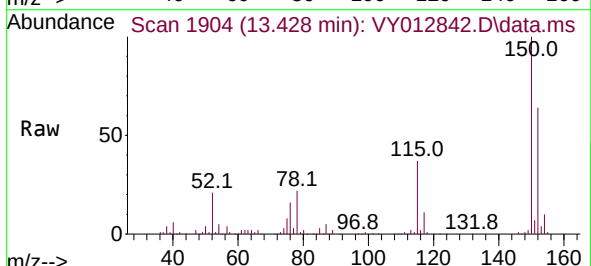
RT: 13.428 min Scan# 1904

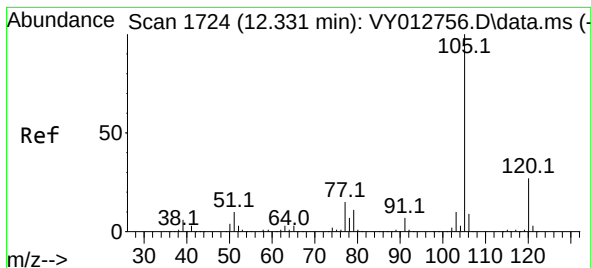
Delta R.T. 0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Tgt Ion:	152	Resp:	63496
Ion Ratio	Lower	Upper	
152	100		
115	55.2	27.1	81.3
150	157.8	0.0	347.8





#73

Isopropylbenzene

Concen: 2.345 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

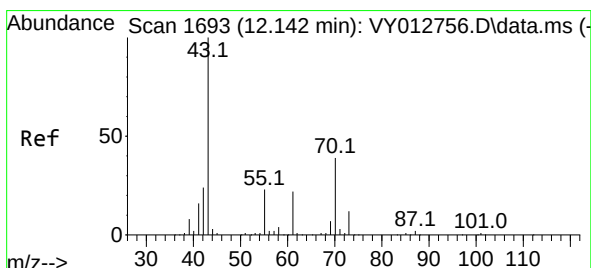
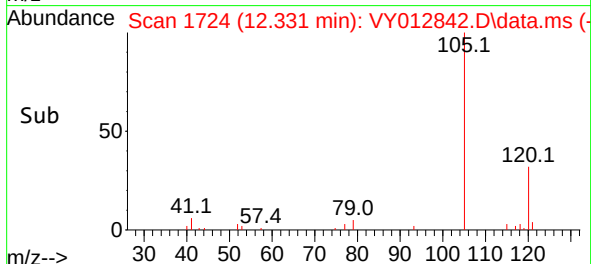
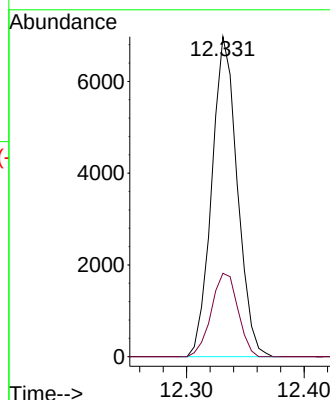
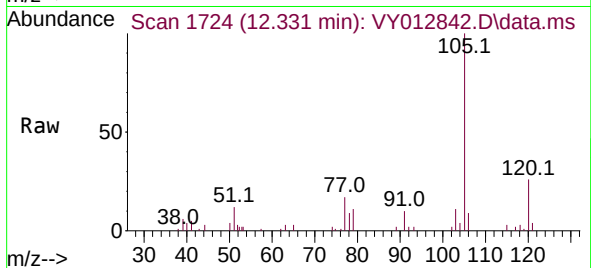
Tgt Ion:105 Resp: 1055
 Ion Ratio Lower Upper
 105 100
 120 27.1 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#74

N-ethyl acetate

Concen: 1.983 ug/l

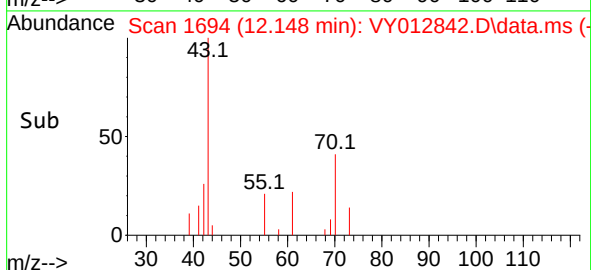
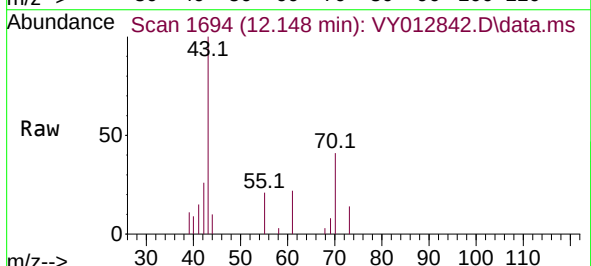
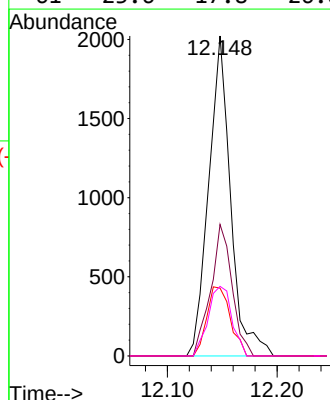
RT: 12.148 min Scan# 1694

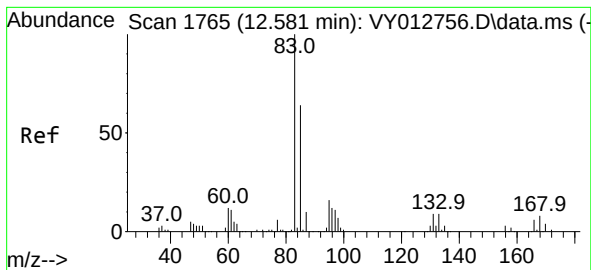
Delta R.T. 0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

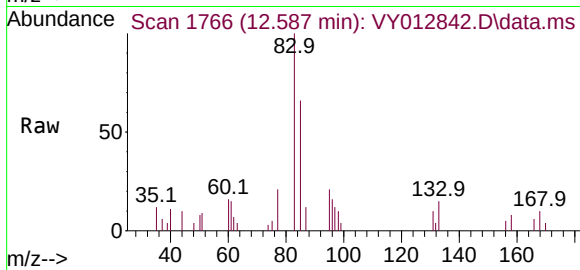
Tgt Ion: 43 Resp: 2807
 Ion Ratio Lower Upper
 43 100
 70 40.1 31.6 47.4
 55 23.1 18.8 28.2
 61 23.6 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 2.476 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

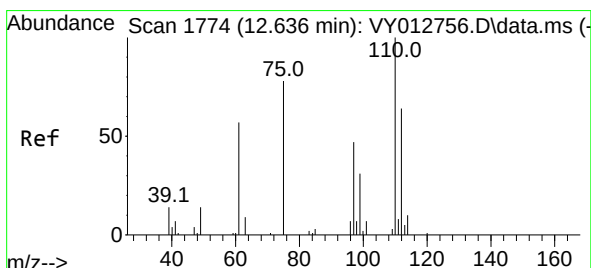
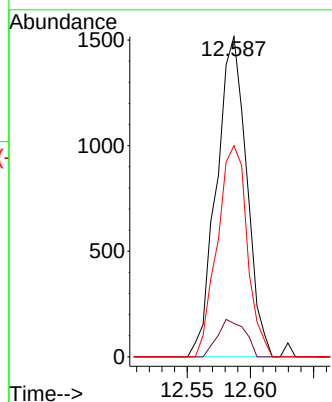
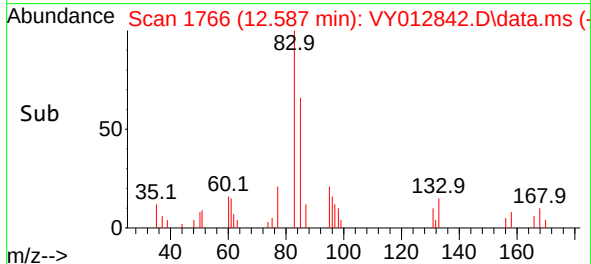
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 83 Resp: 2500
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.2
85 65.5 31.8 95.3

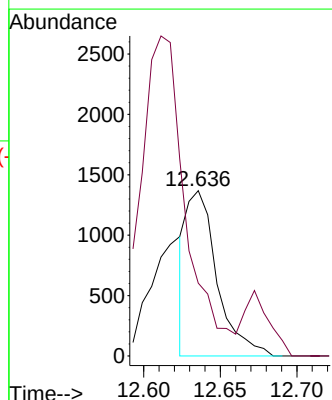
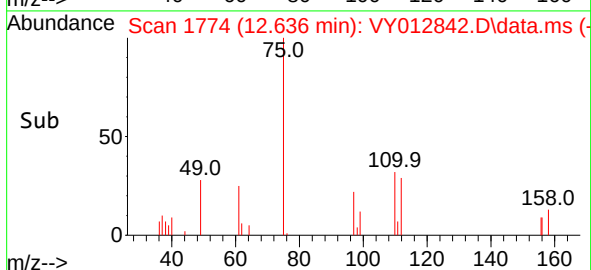
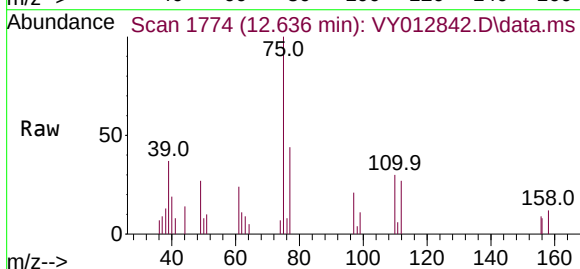
Manual Integrations
APPROVED

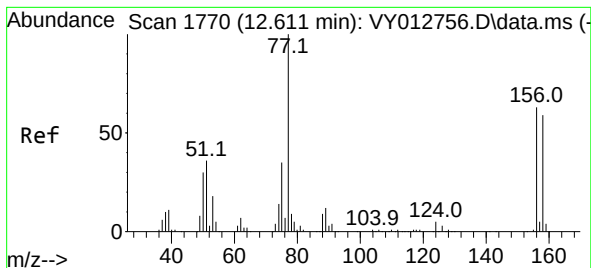
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#76
1,2,3-Trichloropropane
Concen: 2.516 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 75 Resp: 1908
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.752 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

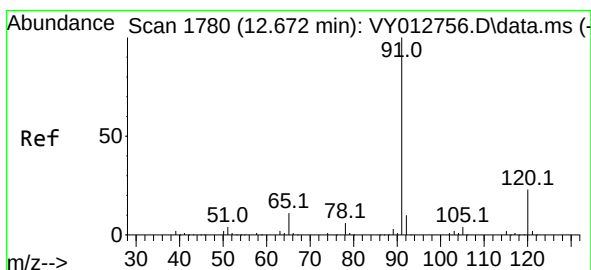
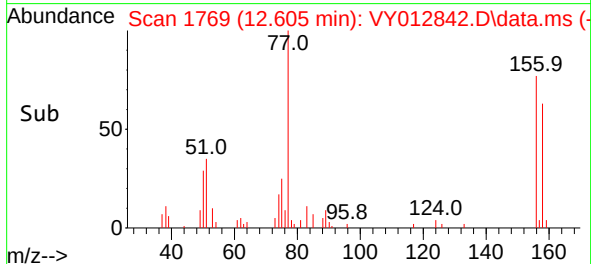
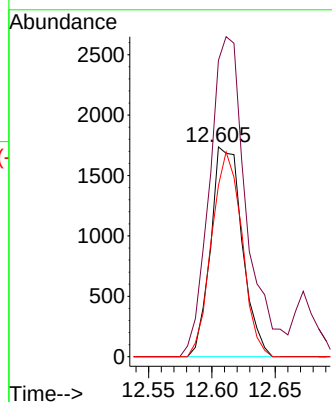
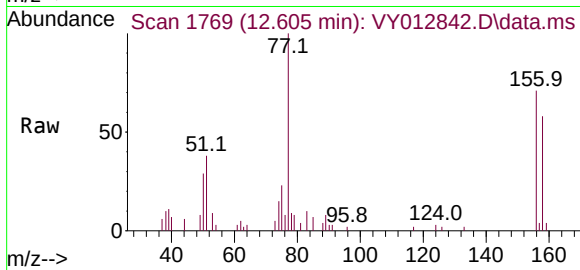
Tgt Ion:	156	Resp:	3008
Ion Ratio	Lower	Upper	
156	100		
77	179.6	94.0	282.1
158	93.8	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#78

n-propylbenzene

Concen: 2.545 ug/l

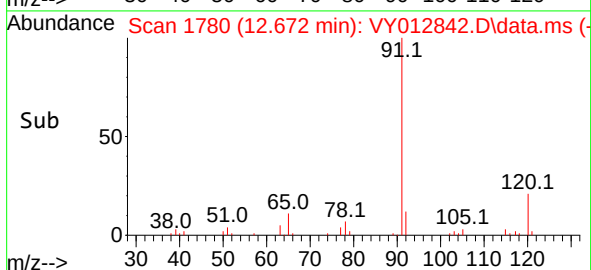
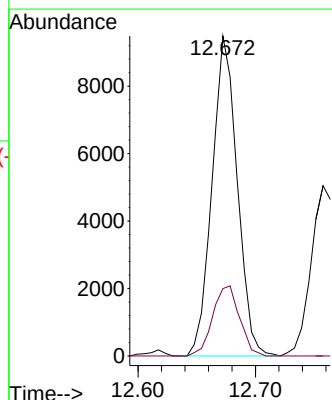
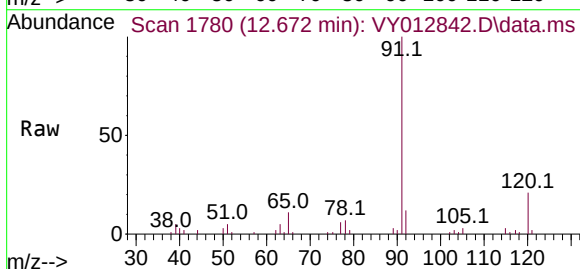
RT: 12.672 min Scan# 1780

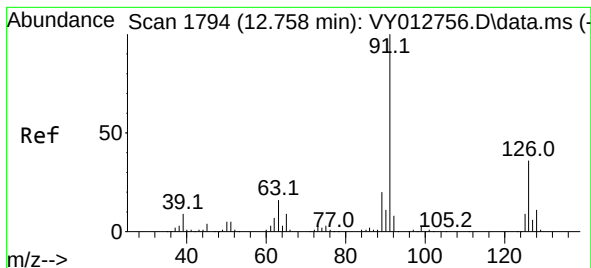
Delta R.T. -0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Tgt Ion:	91	Resp:	14122
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.6	34.8





#79

2-Chlorotoluene

Concen: 2.631 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

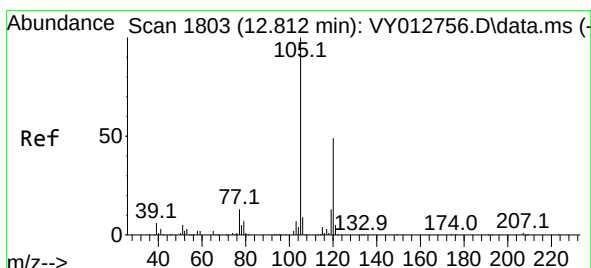
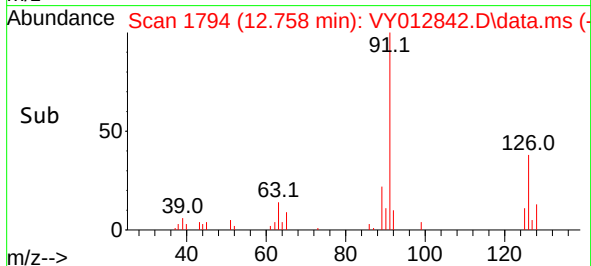
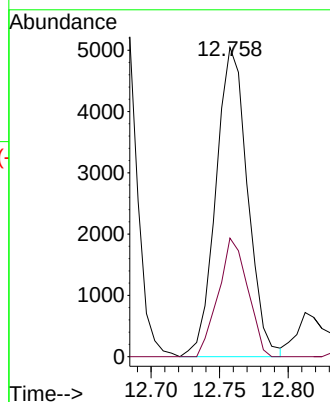
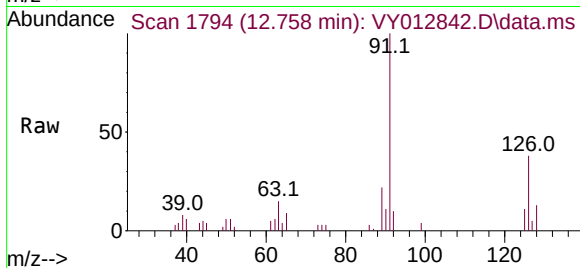
Tgt Ion: 91 Resp: 811
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.4 52.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#80

1,3,5-Trimethylbenzene

Concen: 2.502 ug/l

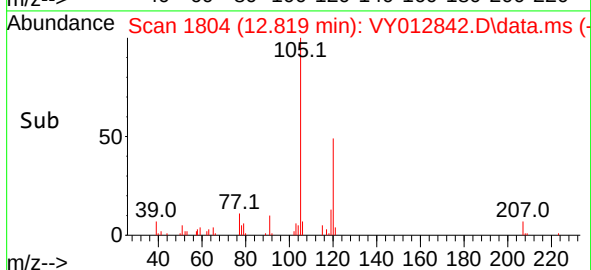
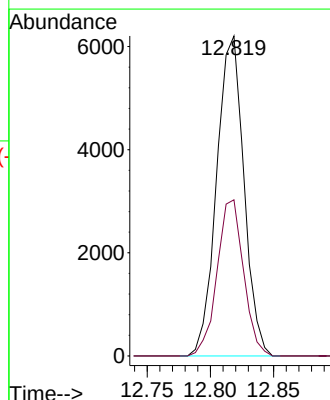
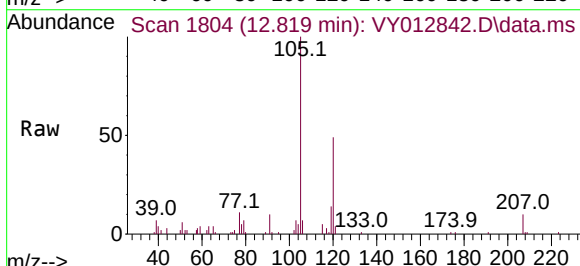
RT: 12.819 min Scan# 1804

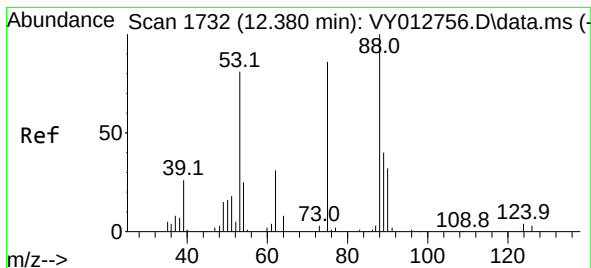
Delta R.T. 0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

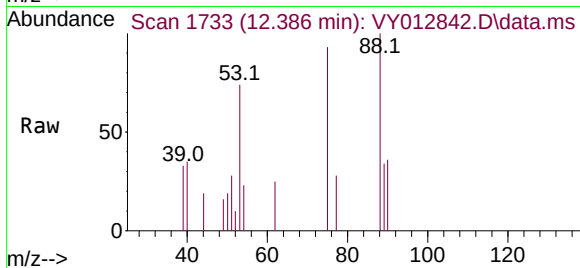
Tgt Ion:105 Resp: 9293
 Ion Ratio Lower Upper
 105 100
 120 47.4 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.200 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

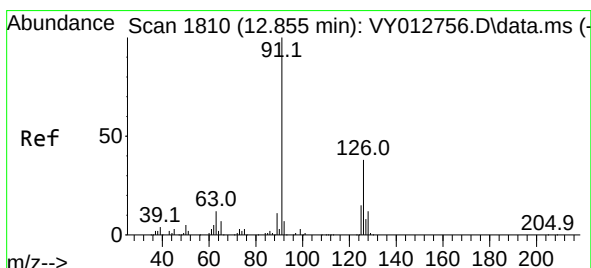
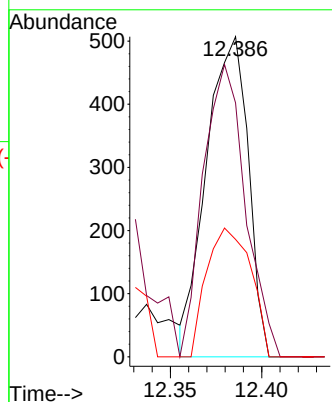
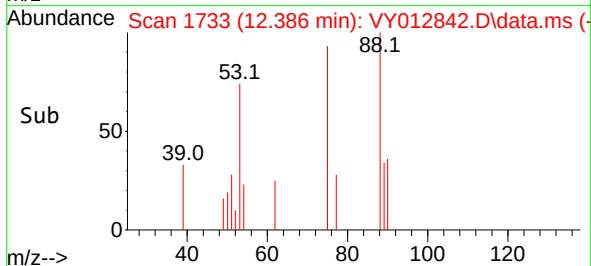
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



Tgt Ion: 75 Resp: 805
Ion Ratio Lower Upper
75 100
53 92.4 73.4 110.0
89 42.6 36.6 55.0

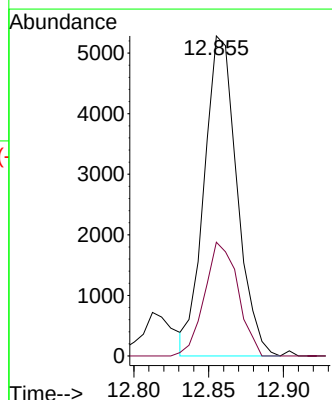
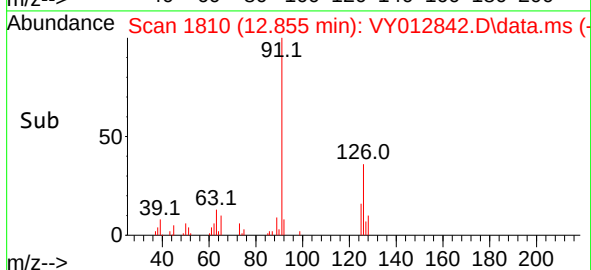
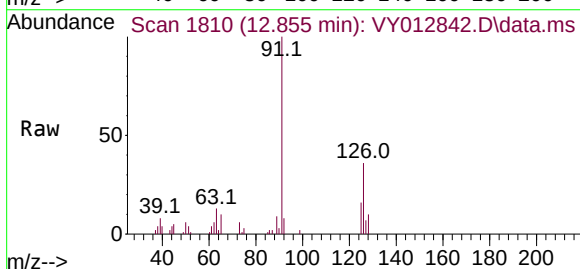
Manual Integrations
APPROVED

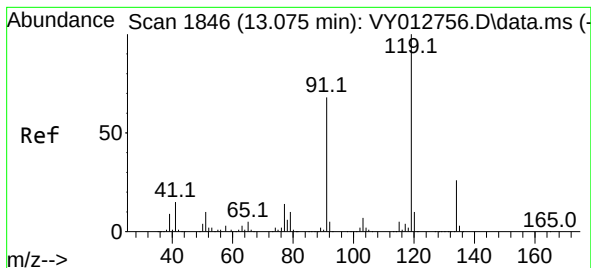
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#82
4-Chlorotoluene
Concen: 2.523 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

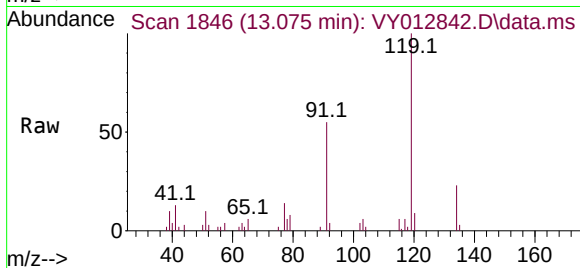
Tgt Ion: 91 Resp: 8054
Ion Ratio Lower Upper
91 100
126 36.1 17.7 53.1





#83
tert-Butylbenzene
Concen: 2.485 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

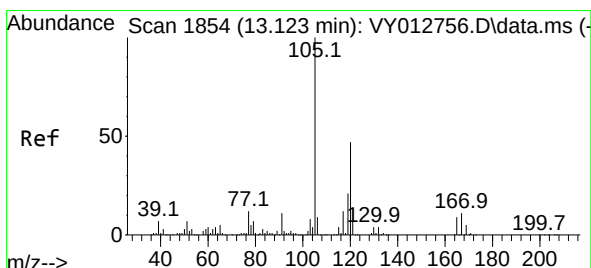
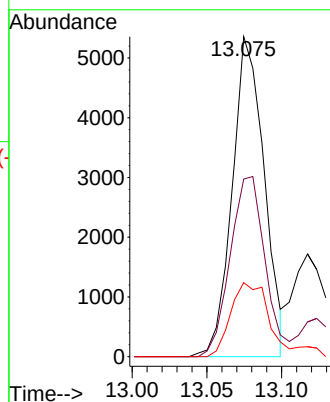
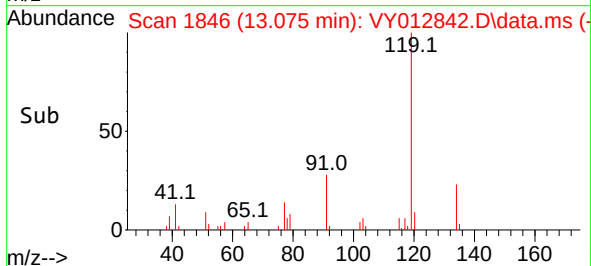
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



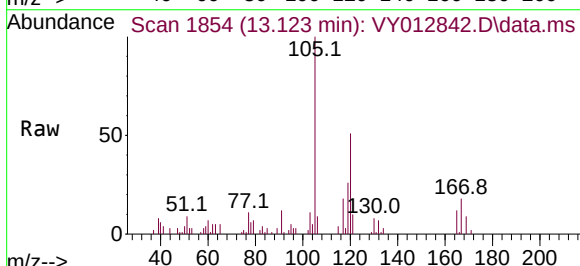
Tgt Ion:119 Resp: 7968
Ion Ratio Lower Upper
119 100
91 61.6 32.8 98.3
134 29.1 13.6 40.8

Manual Integrations
APPROVED

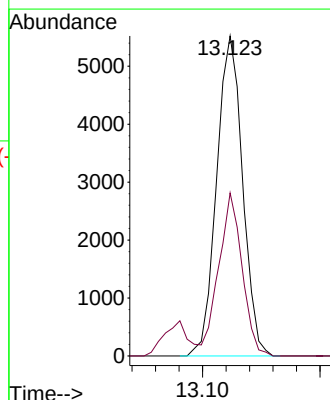
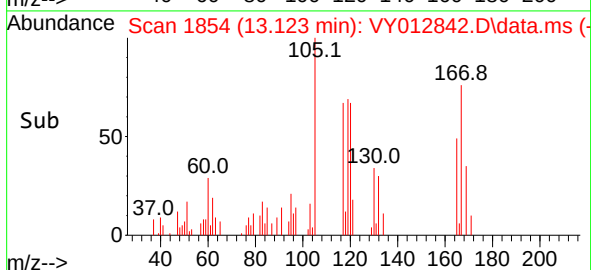
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

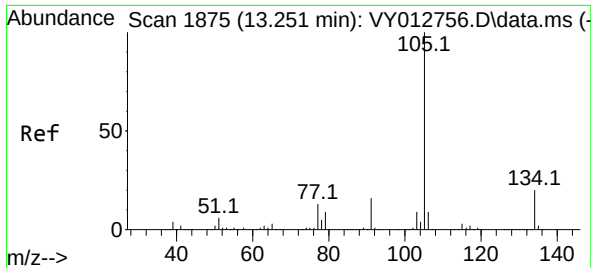


#84
1,2,4-Trimethylbenzene
Concen: 2.332 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12



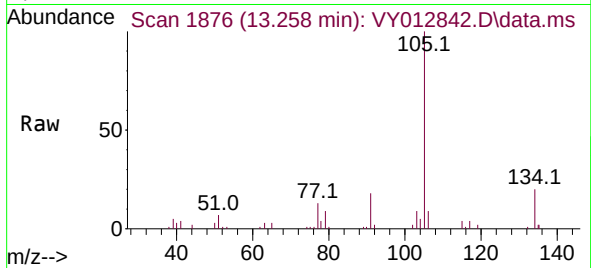
Tgt Ion:105 Resp: 8468
Ion Ratio Lower Upper
105 100
120 45.8 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 2.458 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY012842.D
 Acq: 07 Mar 2023 14:12

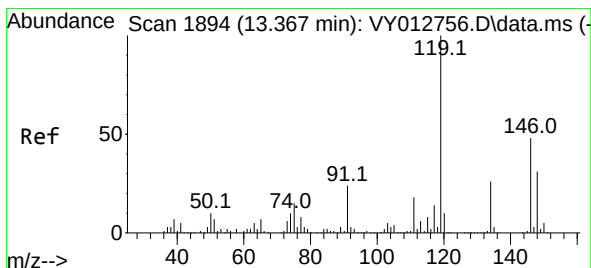
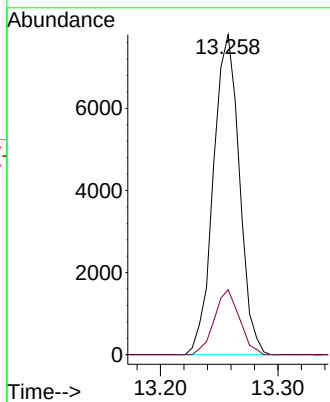
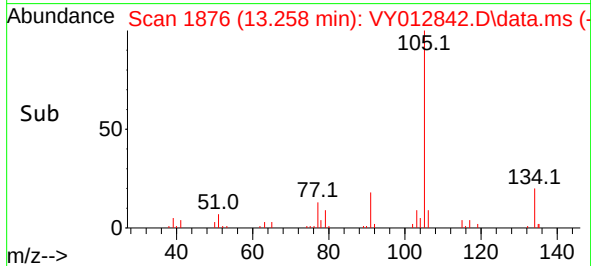
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023



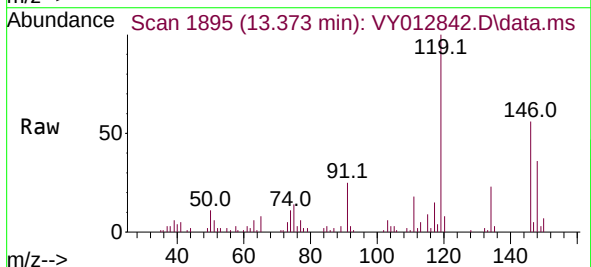
Tgt Ion:105 Resp: 1202
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

Manual Integrations
 APPROVED

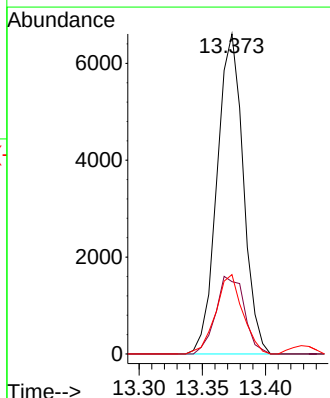
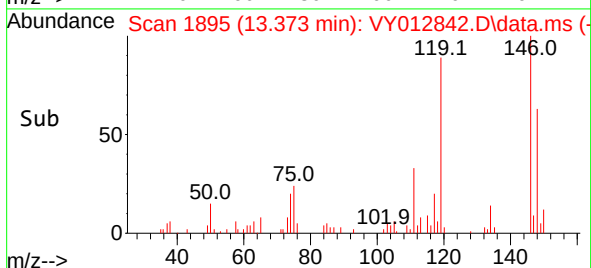
Reviewed By :Krupa Patel 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023

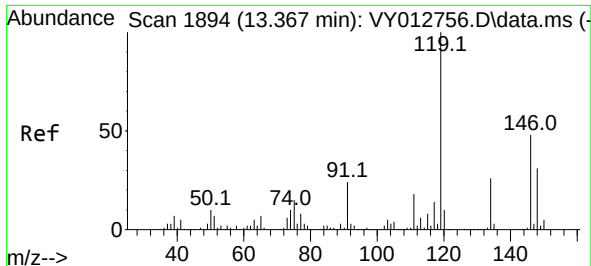


#86
 p-Isopropyltoluene
 Concen: 2.379 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012842.D
 Acq: 07 Mar 2023 14:12



Tgt Ion:119 Resp: 9508
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 25.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 2.975 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

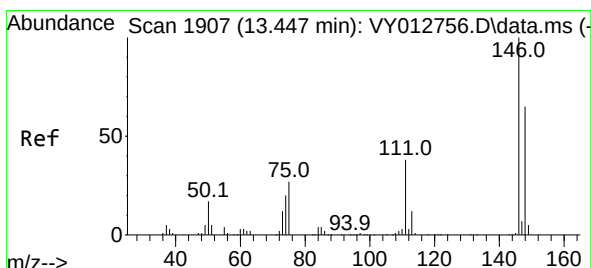
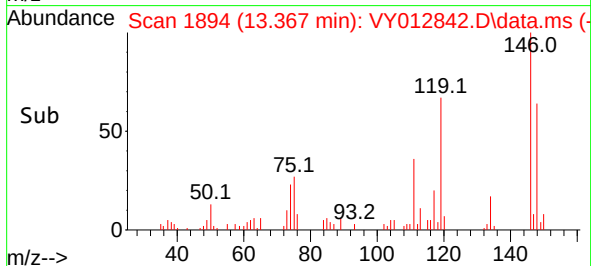
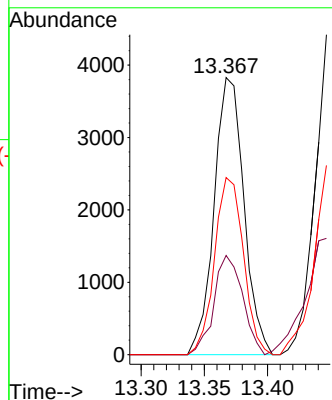
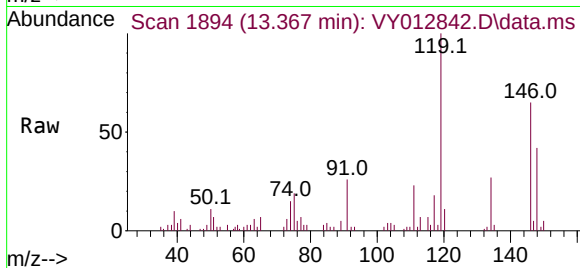
Tgt Ion:146	Resp:	6272
Ion Ratio	Lower	Upper
146	100	
111	34.6	19.1 57.5
148	61.9	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#88

1,4-Dichlorobenzene

Concen: 3.003 ug/l

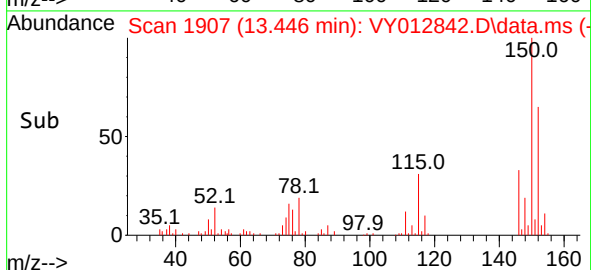
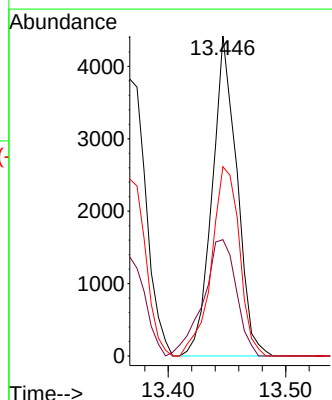
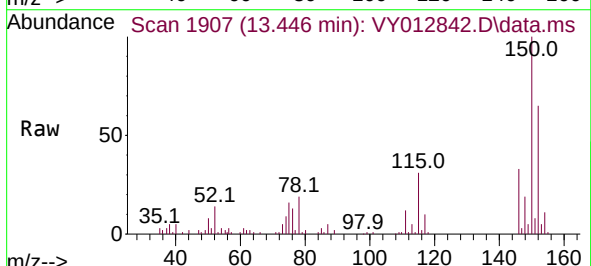
RT: 13.446 min Scan# 1907

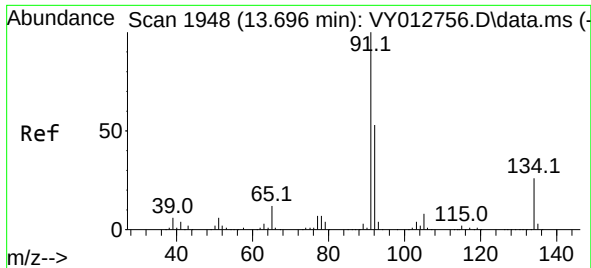
Delta R.T. -0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Tgt Ion:146	Resp:	6463
Ion Ratio	Lower	Upper
146	100	
111	48.4	18.6 55.8
148	66.9	31.5 94.5





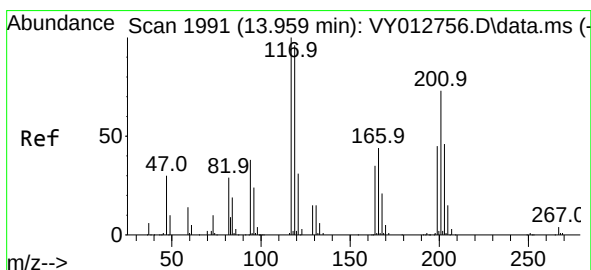
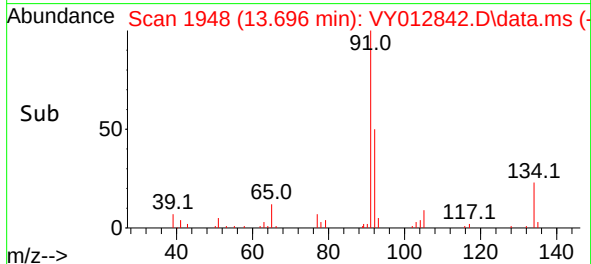
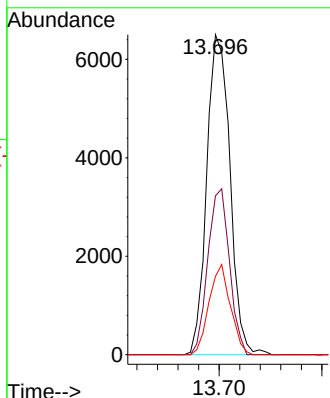
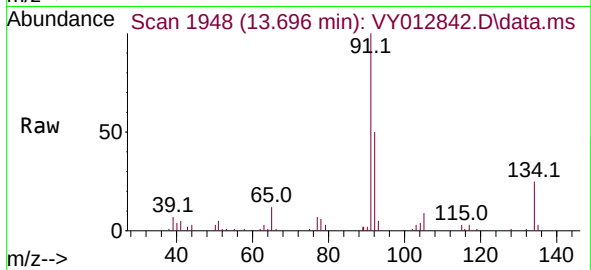
#89
n-Butylbenzene
Concen: 2.661 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

Tgt Ion: 91 Resp: 10179
Ion Ratio Lower Upper
91 100
92 48.3 26.4 79.0
134 25.9 13.0 38.9

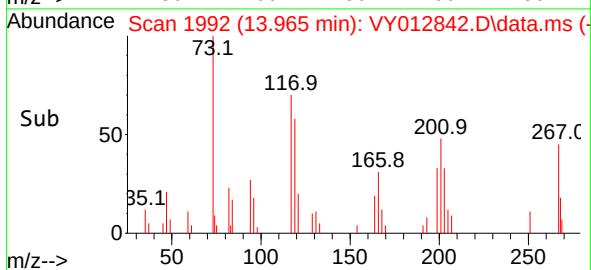
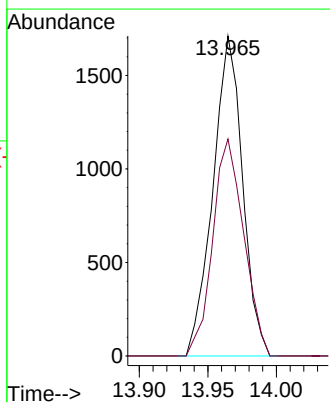
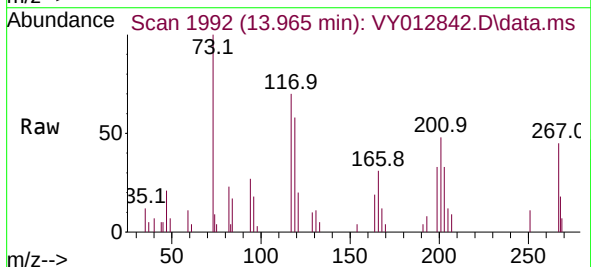
Manual Integrations
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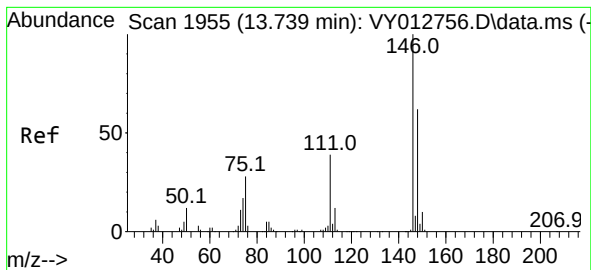
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#90
Hexachloroethane
Concen: 3.095 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion:117 Resp: 2576
Ion Ratio Lower Upper
117 100
201 71.0 39.4 118.1





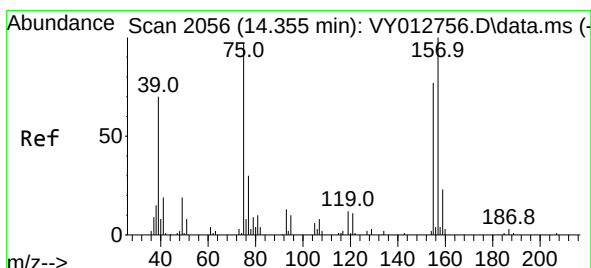
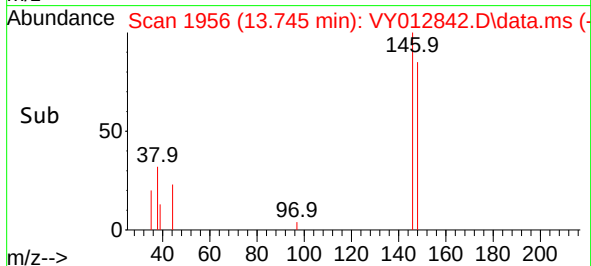
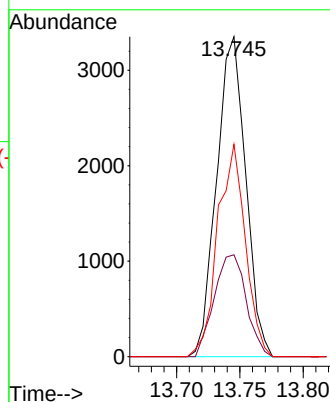
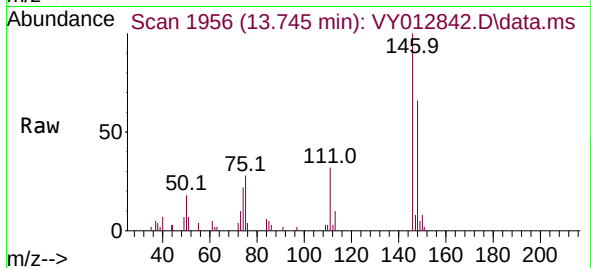
#91
1,2-Dichlorobenzene
Concen: 2.812 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2023

Tgt Ion:146 Resp: 5360
Ion Ratio Lower Upper
146 100
111 35.1 19.7 59.1
148 63.1 31.9 95.5

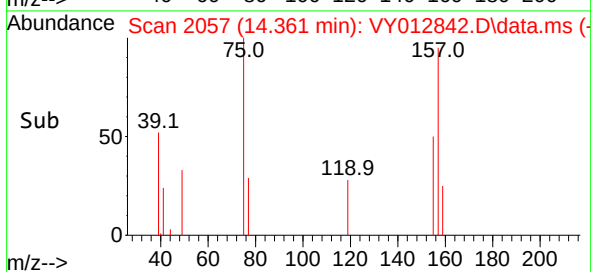
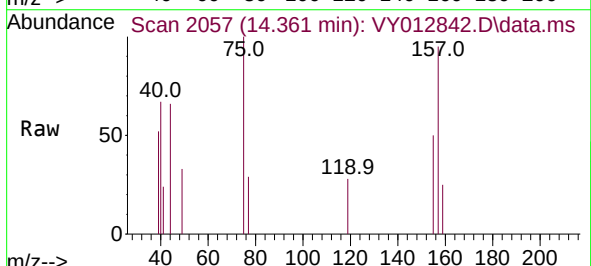
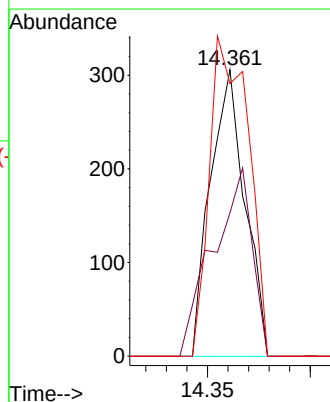
Manual Integrations
APPROVED

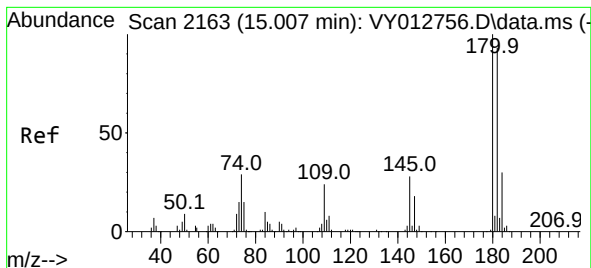
Reviewed By :Krupa Patel 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.196 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012842.D
Acq: 07 Mar 2023 14:12

Tgt Ion: 75 Resp: 359
Ion Ratio Lower Upper
75 100
155 74.1 43.8 131.4
157 125.1 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 2.424 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY012842.D

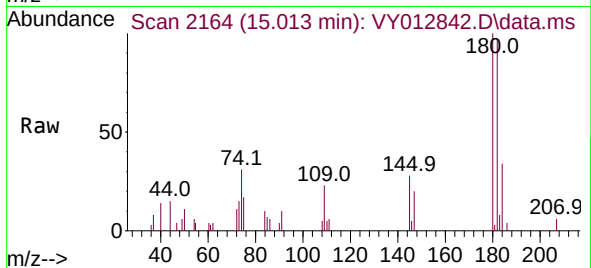
Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023



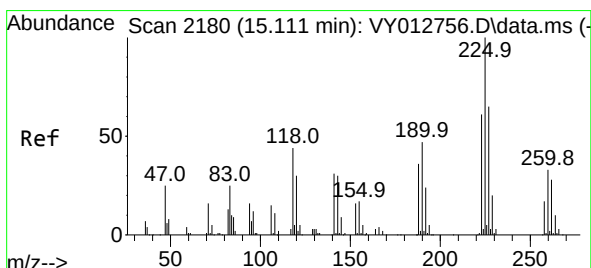
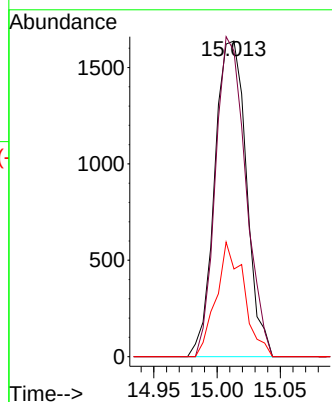
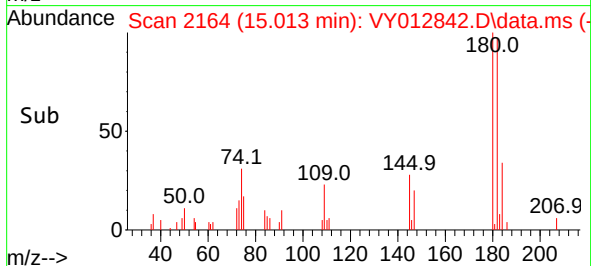
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.7	140.1
145	32.1	14.6	43.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#94

Hexachlorobutadiene

Concen: 3.233 ug/l

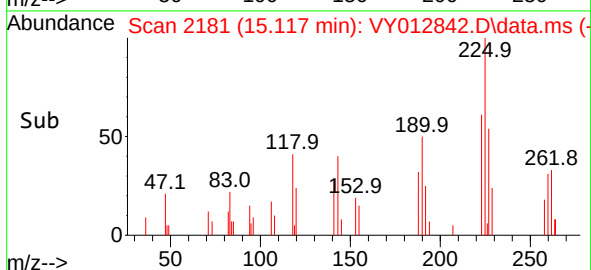
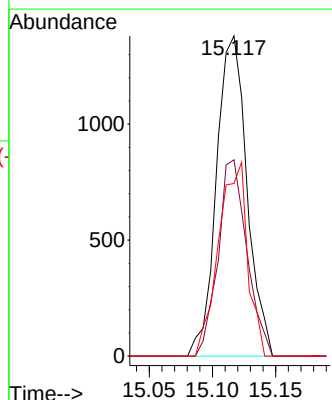
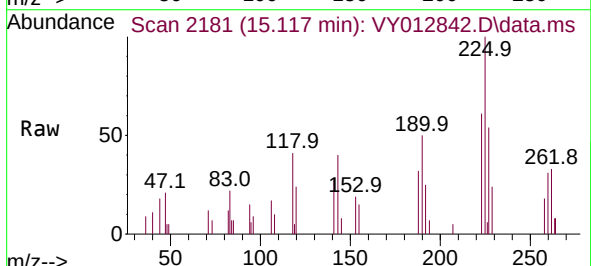
RT: 15.117 min Scan# 2181

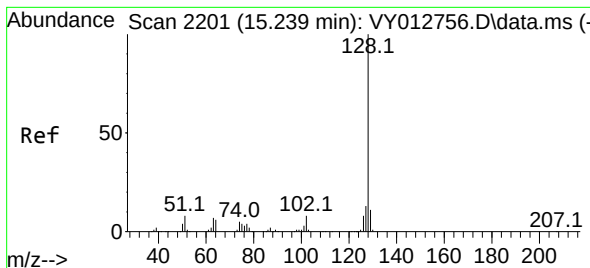
Delta R.T. 0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.0	31.1	93.3
227	57.2	32.4	97.0





#95

Naphthalene

Concen: 2.016 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2023

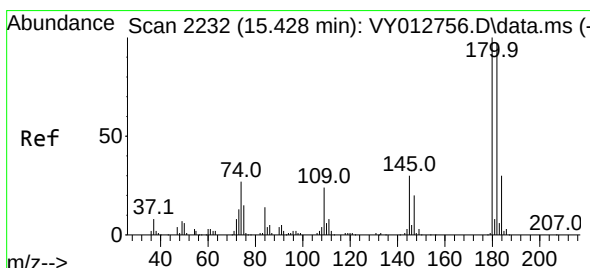
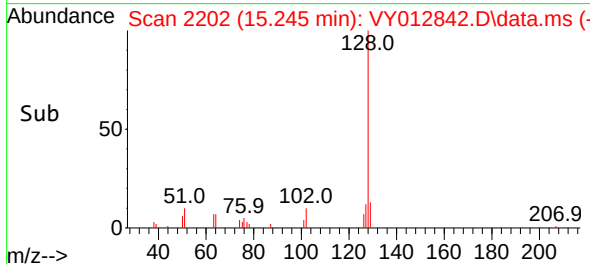
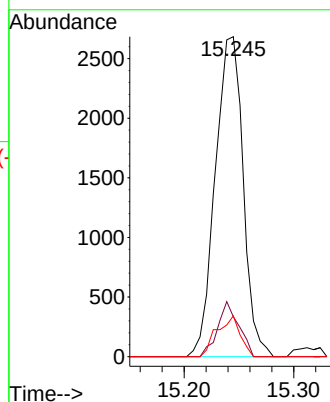
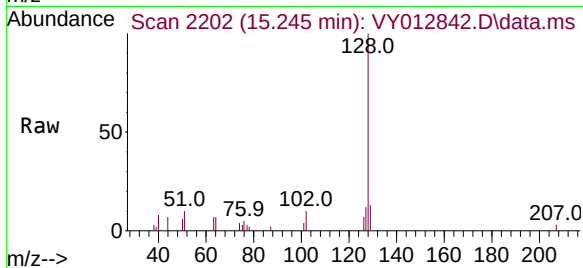
Tgt Ion:	128	Resp:	474
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#96

1,2,3-Trichlorobenzene

Concen: 2.413 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY012842.D

Acq: 07 Mar 2023 14:12

Tgt Ion:	180	Resp:	2518
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.4	142.3
145	33.5	15.3	45.8

