

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012864.D
 Acq On : 08 Mar 2023 12:31
 Operator : KP/MD
 Sample : 01627-03 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 09 00:34:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	97020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	138334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	47434	49.242	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.480%		
35) Dibromofluoromethane	7.716	113	45595	48.674	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.340%		
50) Toluene-d8	10.179	98	152460	44.520	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.040%		
62) 4-Bromofluorobenzene	12.483	95	51745	44.767	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	2632	2.752	ug/l	93
3) Chloromethane	2.113	50	3370	2.948	ug/l #	82
4) Vinyl Chloride	2.253	62	3151	3.006	ug/l	91
5) Bromomethane	2.650	94	2154	3.381	ug/l	89
6) Chloroethane	2.802	64	1941	3.092	ug/l	93
7) Trichlorofluoromethane	3.125	101	5136	2.950	ug/l	90
8) Diethyl Ether	3.534	74	1720	2.819	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.905	101	3043	2.905	ug/l	95
10) Methyl Iodide	4.088	142	3511	2.572	ug/l	97
11) Tert butyl alcohol	4.942	59	4096	18.292	ug/l #	79
12) 1,1-Dichloroethene	3.869	96	2777	2.780	ug/l	83
13) Acrolein	3.741	56	2449	14.511	ug/l	89
14) Allyl chloride	4.472	41	4174	2.262	ug/l	92
15) Acrylonitrile	5.161	53	4600	14.308	ug/l	97
16) Acetone	3.948	43	6483	17.146	ug/l	96
17) Carbon Disulfide	4.192	76	9010	2.649	ug/l	98
18) Methyl Acetate	4.478	43	3179	2.823	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	6835	2.649	ug/l	95
20) Methylene Chloride	4.716	84	8482	2.217	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	3148	2.899	ug/l #	74
22) Diisopropyl ether	6.118	45	7970	2.378	ug/l	95
23) Vinyl Acetate	6.064	43	25863	12.418	ug/l	98
24) 1,1-Dichloroethane	6.009	63	5391	2.822	ug/l #	93
25) 2-Butanone	6.990	43	7630	16.293	ug/l	91
26) 2,2-Dichloropropane	6.972	77	5820	3.431	ug/l	90
27) cis-1,2-Dichloroethene	6.984	96	3385	2.908	ug/l	91
28) Bromochloromethane	7.332	49	1556	2.229	ug/l #	97
29) Tetrahydrofuran	7.350	42	3812	13.497	ug/l	97
30) Chloroform	7.502	83	5508	2.919	ug/l	97
31) Cyclohexane	7.789	56	6107	3.310	ug/l #	70
32) 1,1,1-Trichloroethane	7.703	97	5019	2.942	ug/l	97
36) 1,1-Dichloropropene	7.923	75	4383	2.792	ug/l	97
37) Ethyl Acetate	7.076	43	2857	2.888	ug/l #	92
38) Carbon Tetrachloride	7.899	117	4527	2.793	ug/l	96
39) Methylcyclohexane	9.191	83	4713	2.525	ug/l	91
40) Benzene	8.161	78	12590	2.835	ug/l	98

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Reviewed By :Krupa Patel 03/09/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	1457m	2.733	ug/l	
42) 1,2-Dichloroethane	8.234	62	4143	3.103	ug/l	99
43) Isopropyl Acetate	8.270	43	4609	2.611	ug/l	93
44) Trichloroethene	8.941	130	3235	2.763	ug/l	91
45) 1,2-Dichloropropane	9.215	63	3103	2.765	ug/l	95
46) Dibromomethane	9.307	93	1881	2.942	ug/l	97
47) Bromodichloromethane	9.490	83	4168	2.766	ug/l #	84
48) Methyl methacrylate	9.295	41	2128	2.616	ug/l	98
49) 1,4-Dioxane	9.289	88	444	53.721	ug/l #	70
51) 4-Methyl-2-Pentanone	10.069	43	12076	12.612	ug/l	99
52) Toluene	10.246	92	7605	2.840	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	4416	2.794	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	4431	2.477	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	2628	2.952	ug/l	99
56) Ethyl methacrylate	10.508	69	2897	2.440	ug/l	98
57) 1,3-Dichloropropane	10.794	76	4276	2.820	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	7272	11.668	ug/l	100
59) 2-Hexanone	10.837	43	8946	12.855	ug/l	100
60) Dibromochloromethane	10.983	129	3077	2.839	ug/l	94
61) 1,2-Dibromoethane	11.087	107	2453	2.860	ug/l	100
64) Tetrachloroethene	10.715	164	2752	2.732	ug/l	89
65) Chlorobenzene	11.520	112	8439	2.907	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	3175	2.955	ug/l	94
67) Ethyl Benzene	11.593	91	13385	2.622	ug/l	90
68) m/p-Xylenes	11.703	106	9655	4.917	ug/l	99
69) o-Xylene	12.032	106	4651	2.538	ug/l	88
70) Styrene	12.044	104	7433	2.430	ug/l	99
71) Bromoform	12.209	173	2034	2.904	ug/l #	96
73) Isopropylbenzene	12.331	105	11903	2.439	ug/l	98
74) N-amyl acetate	12.142	43	3649	2.376	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	3513	3.202	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	2176m	2.646	ug/l	
77) Bromobenzene	12.611	156	3546	2.991	ug/l	94
78) n-propylbenzene	12.672	91	16519	2.745	ug/l	98
79) 2-Chlorotoluene	12.757	91	9041	2.703	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	10444	2.593	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	1151	2.900	ug/l	86
82) 4-Chlorotoluene	12.855	91	9099	2.628	ug/l	99
83) tert-Butylbenzene	13.074	119	8853	2.546	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	9169	2.328	ug/l	97
85) sec-Butylbenzene	13.251	105	13240	2.496	ug/l	99
86) p-Isopropyltoluene	13.367	119	10204	2.354	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	6616	2.893	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	7077	3.032	ug/l	86
89) n-Butylbenzene	13.696	91	10141	2.444	ug/l	99
90) Hexachloroethane	13.958	117	2657	2.943	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	6000	2.902	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	529	2.983	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	3277	2.575	ug/l	93
94) Hexachlorobutadiene	15.117	225	2046	2.636	ug/l	90
95) Naphthalene	15.239	128	6418	2.516	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	2944	2.601	ug/l	90

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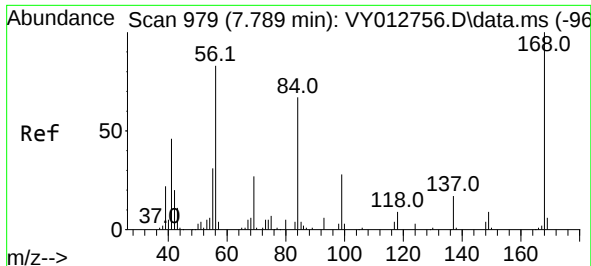
Manual Integrations
APPROVED

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 Supervised By :Mahesh Dadoda 03/09/2023

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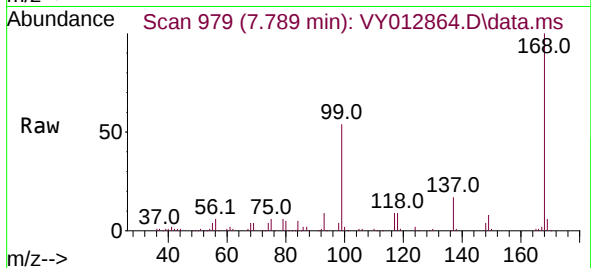
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012864.D
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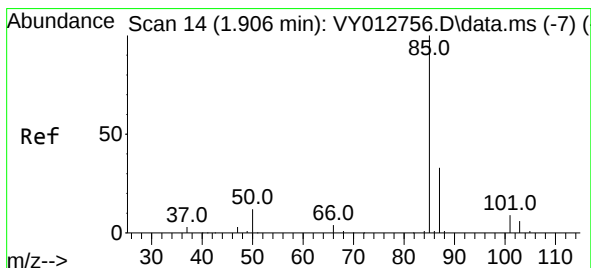
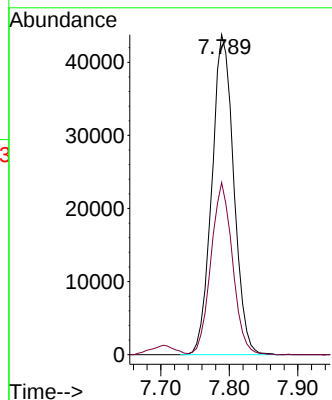
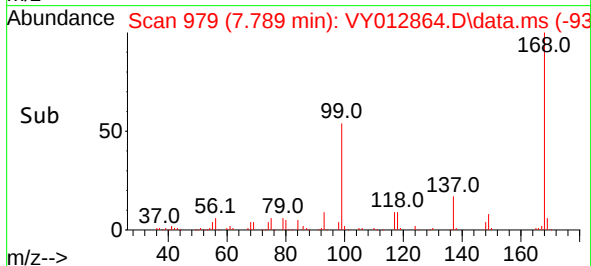
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:168 Resp: 97020
Ion Ratio Lower Upper
168 100
99 53.8 41.7 62.5

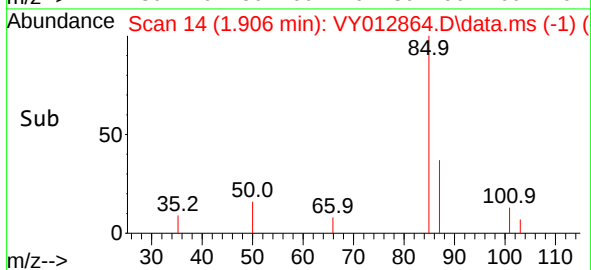
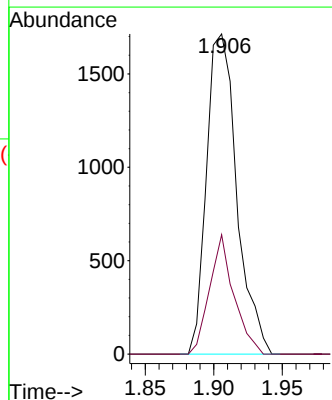
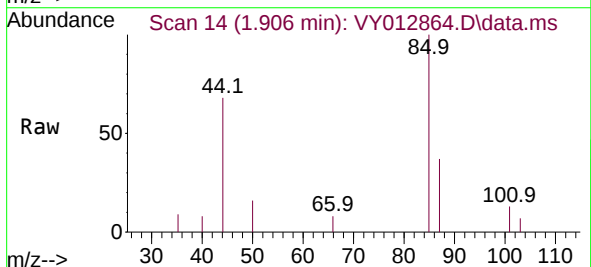
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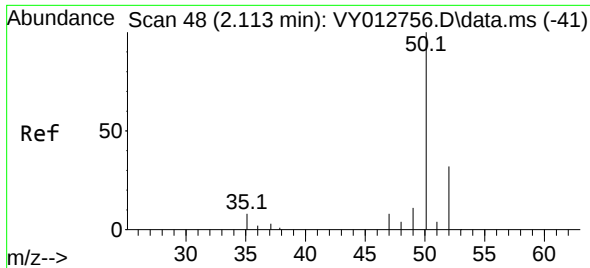
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#2
Dichlorodifluoromethane
Concen: 2.752 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

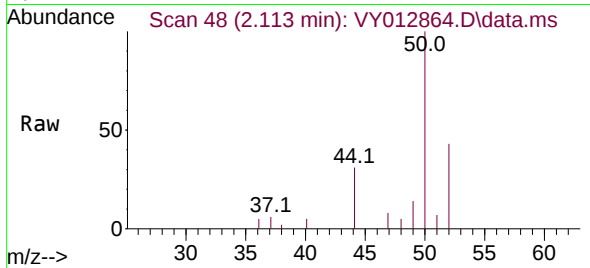
Tgt Ion: 85 Resp: 2632
Ion Ratio Lower Upper
85 100
87 37.3 16.7 50.0





#3
Chloromethane
Concen: 2.948 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

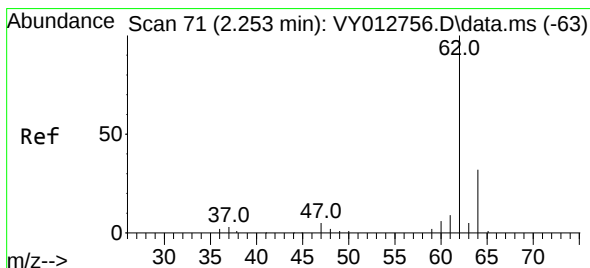
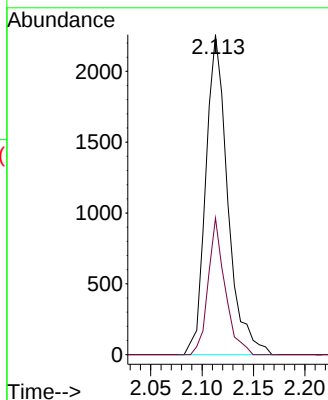
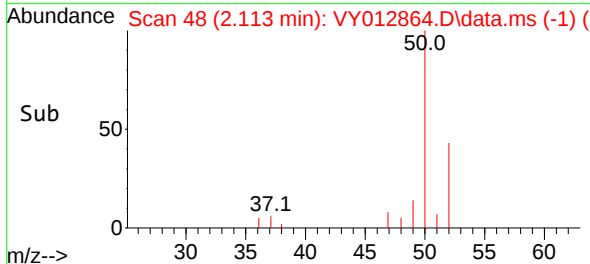
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Tgt Ion: 50 Resp: 3370
Ion Ratio Lower Upper
50 100
52 42.7 26.0 39.0

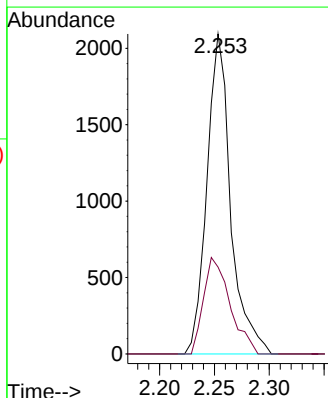
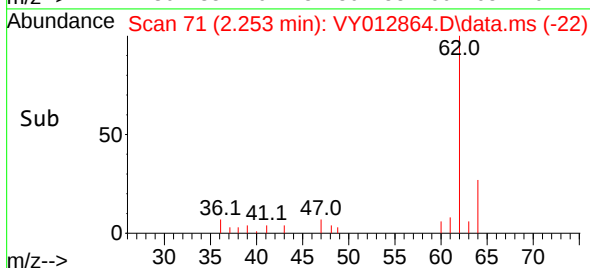
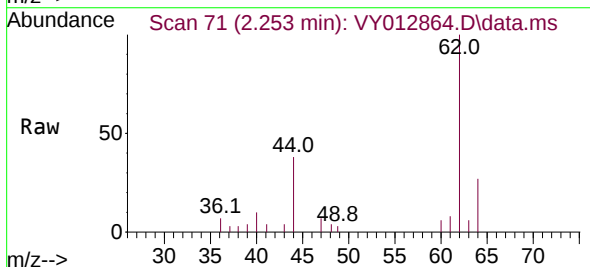
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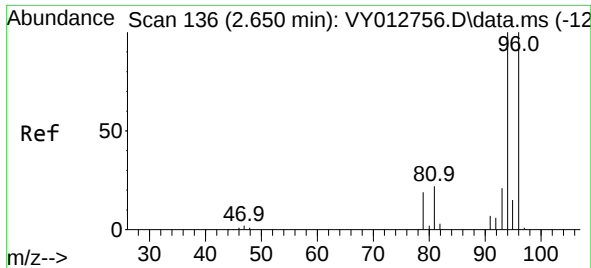
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#4
Vinyl Chloride
Concen: 3.006 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

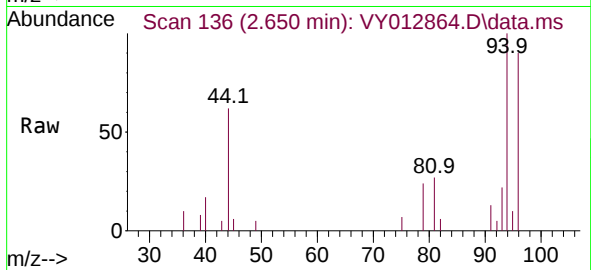
Tgt Ion: 62 Resp: 3151
Ion Ratio Lower Upper
62 100
64 27.1 25.6 38.4





#5
Bromomethane
Concen: 3.381 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

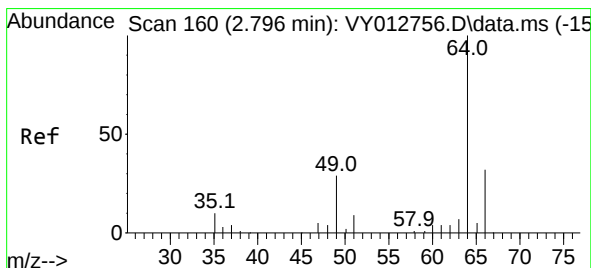
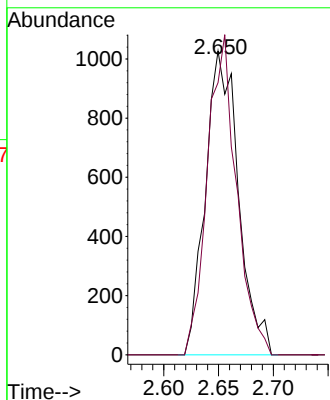
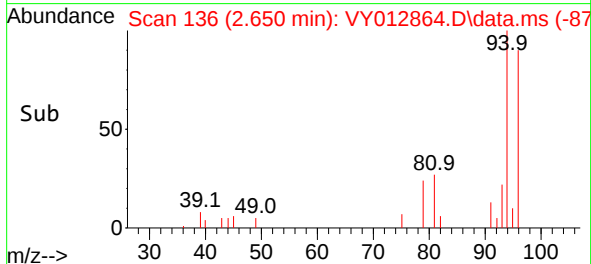
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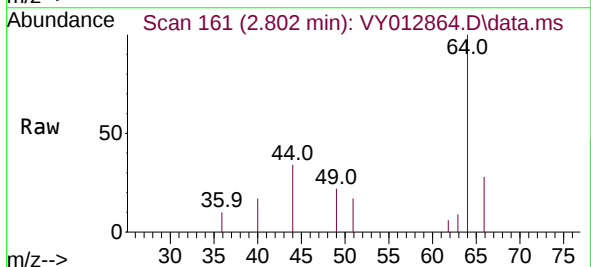
Tgt Ion: 94 Resp: 2154
Ion Ratio Lower Upper
94 100
96 89.6 80.3 120.5

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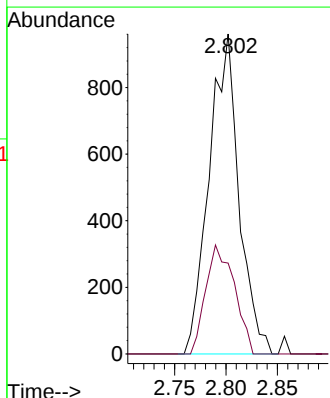
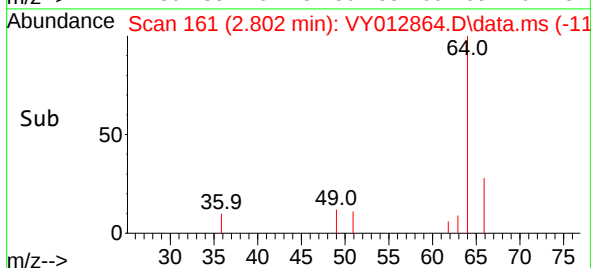
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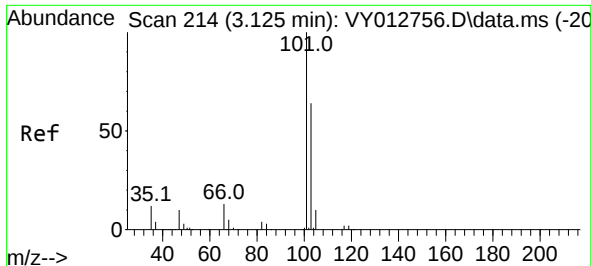


#6
Chloroethane
Concen: 3.092 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY012864.D
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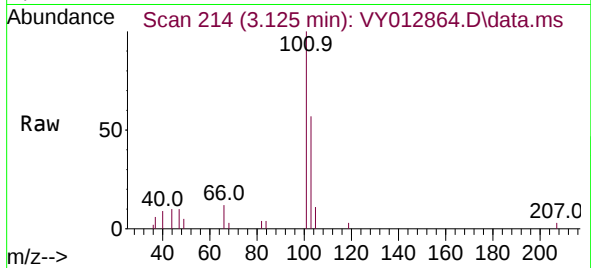
Tgt Ion: 64 Resp: 1941
Ion Ratio Lower Upper
64 100
66 28.4 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 2.950 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012864.D
 Acq: 08 Mar 2023 12:31

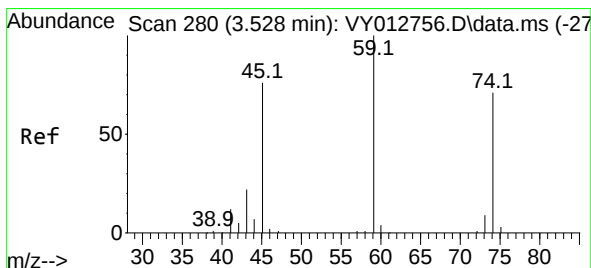
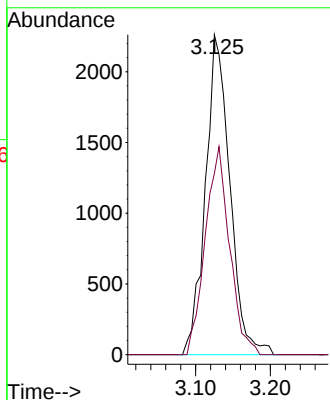
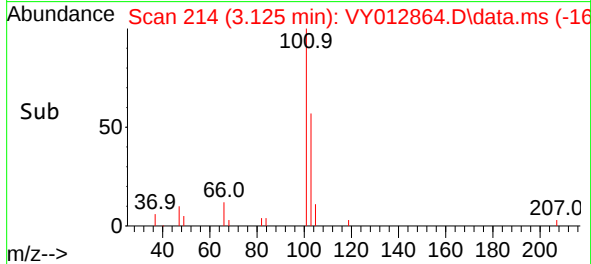
Instrument :
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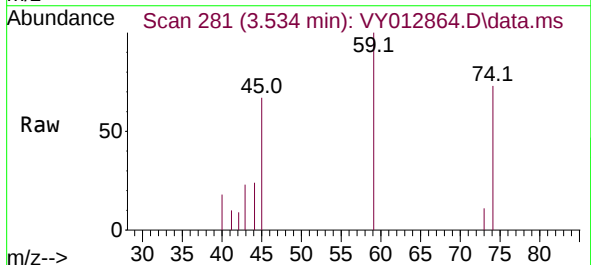
Tgt Ion: 101 Resp: 5130
 Ion Ratio Lower Upper
 101 100
 103 56.5 51.5 77.3

Manual Integrations
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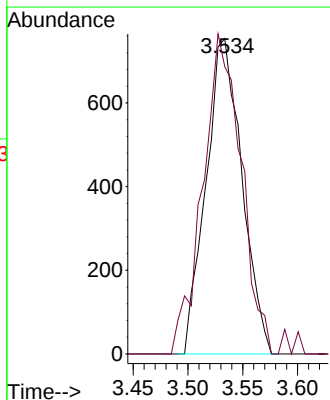
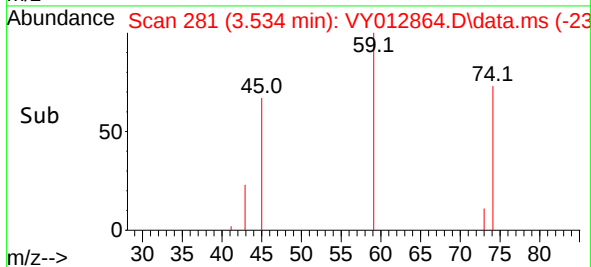
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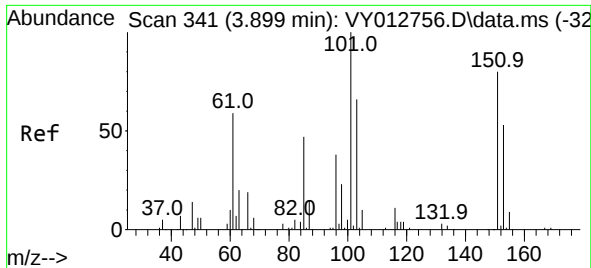


#8
 Diethyl Ether
 Concen: 2.819 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY012864.D
 Acq: 08 Mar 2023 12:31



Tgt Ion: 74 Resp: 1720
 Ion Ratio Lower Upper
 74 100
 45 108.3 52.1 156.4





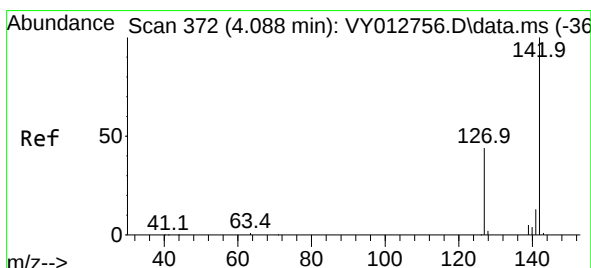
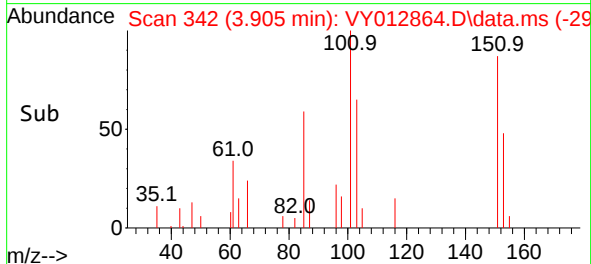
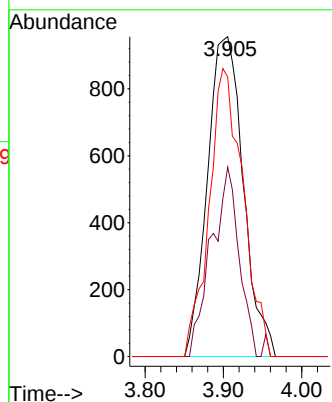
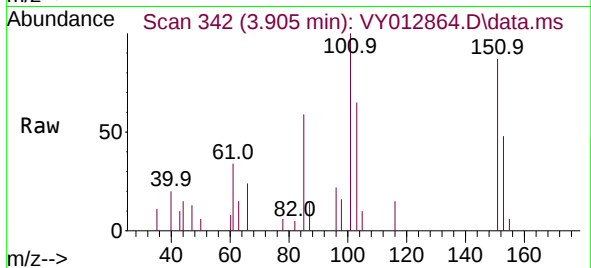
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.905 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:101 Resp: 304
Ion Ratio Lower Upper
101 100
85 45.9 35.3 52.9
151 85.0 63.1 94.7

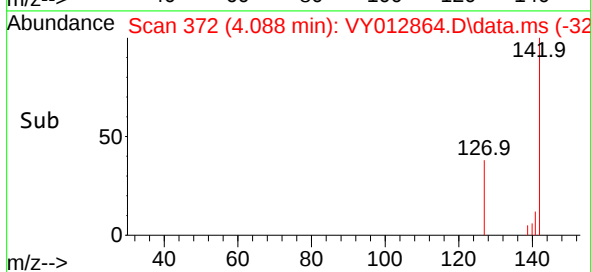
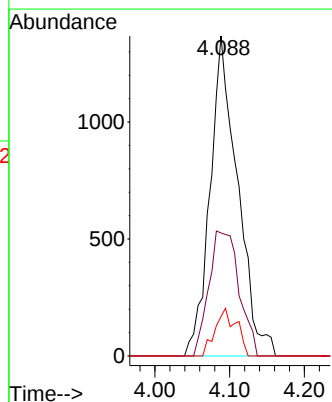
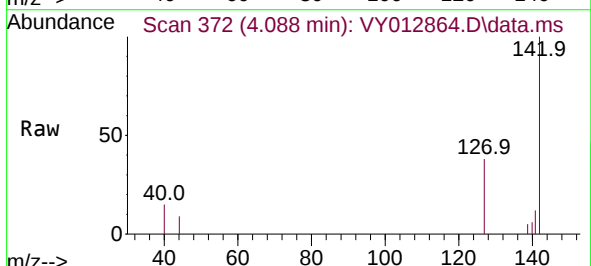
Manual Integrations
APPROVED

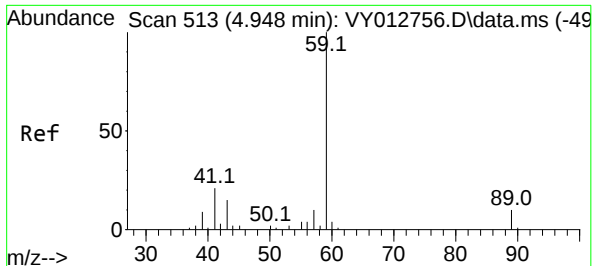
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#10
Methyl Iodide
Concen: 2.572 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Tgt Ion:142 Resp: 3511
Ion Ratio Lower Upper
142 100
127 42.8 35.4 53.2
141 11.4 11.3 16.9





#11

Tert butyl alcohol

Concen: 18.292 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion: 59 Resp: 4090

Ion Ratio Lower Upper

59 100

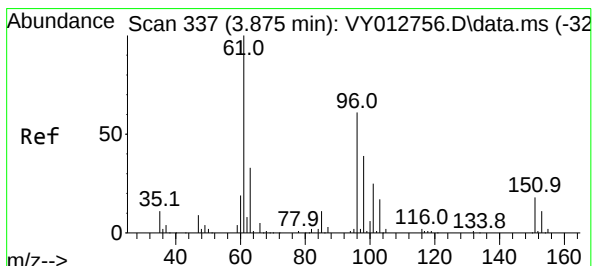
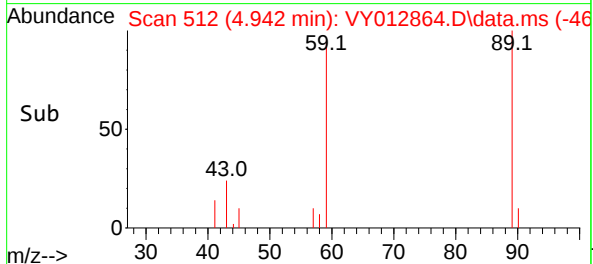
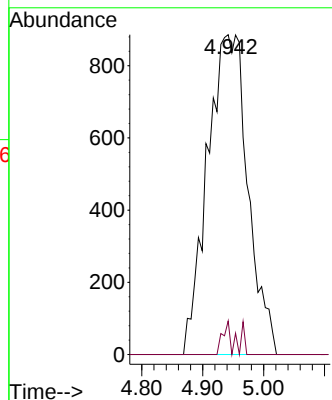
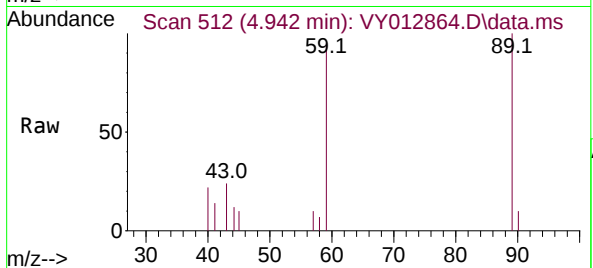
57 1.8 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#12

1,1-Dichloroethene

Concen: 2.780 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

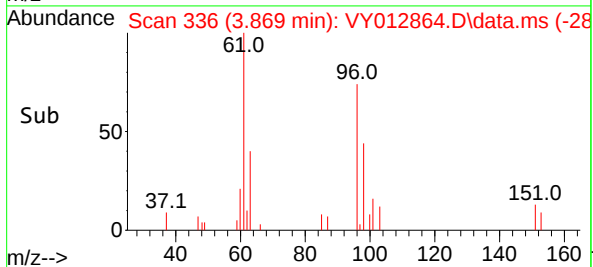
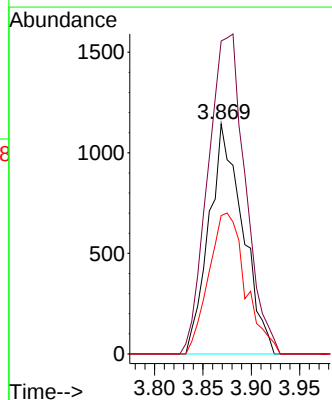
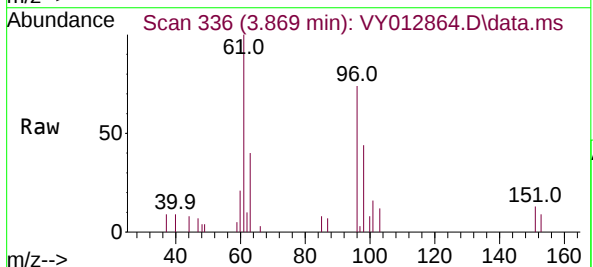
Tgt Ion: 96 Resp: 2777

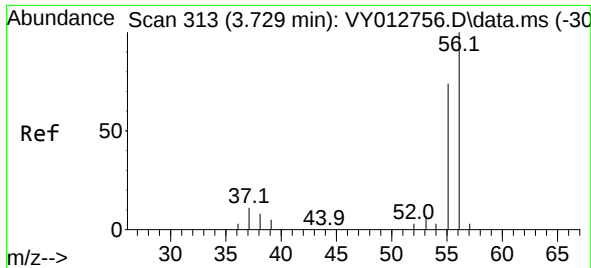
Ion Ratio Lower Upper

96 100

61 136.0 131.7 197.5

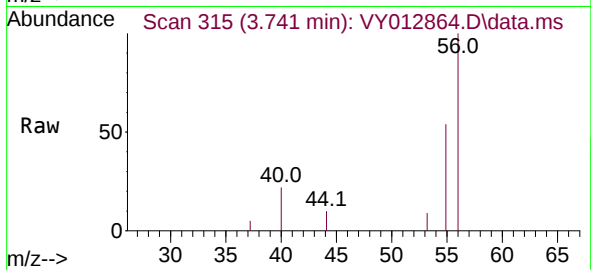
98 60.1 52.0 78.0





#13
Acrolein
Concen: 14.511 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

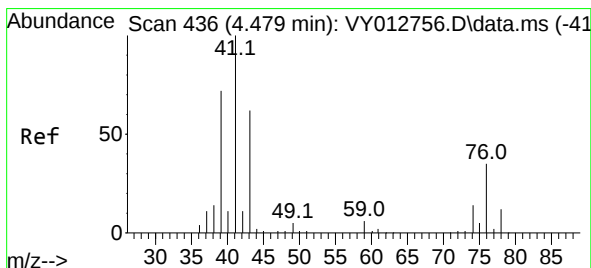
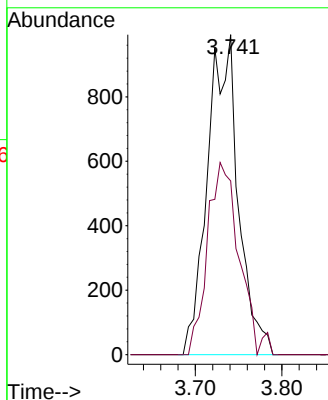
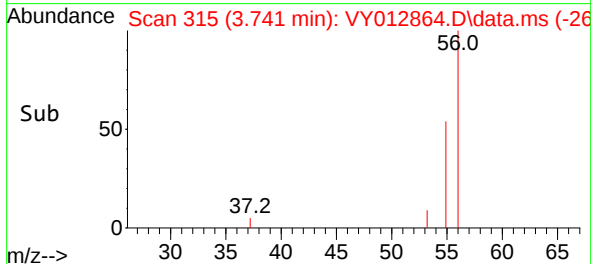
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2022



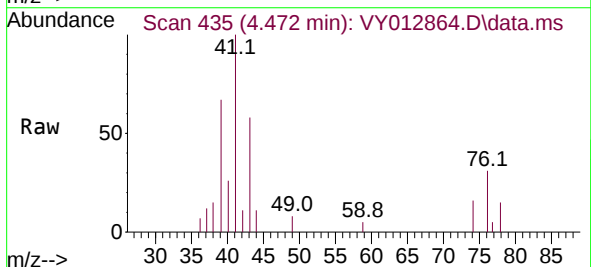
Tgt Ion: 56 Resp: 2449
Ion Ratio Lower Upper
56 100
55 62.0 56.8 85.2

Manual Integrations
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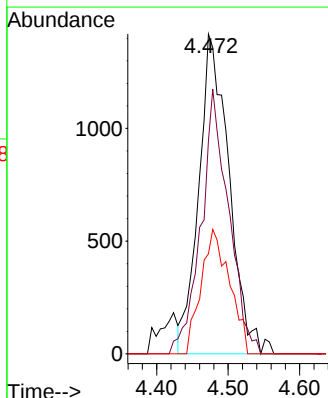
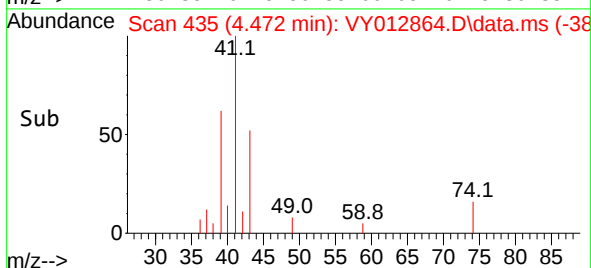
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

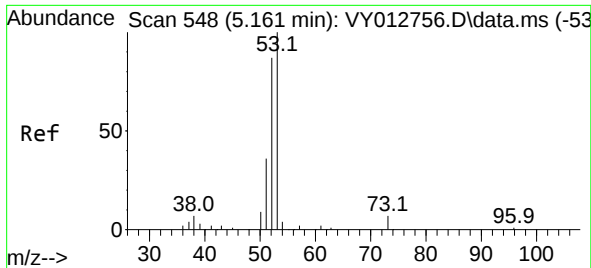


#14
Allyl chloride
Concen: 2.262 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



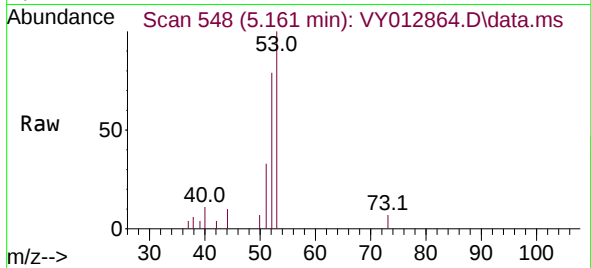
Tgt Ion: 41 Resp: 4174
Ion Ratio Lower Upper
41 100
39 75.4 53.6 80.4
76 36.5 27.2 40.8





#15
Acrylonitrile
Concen: 14.308 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

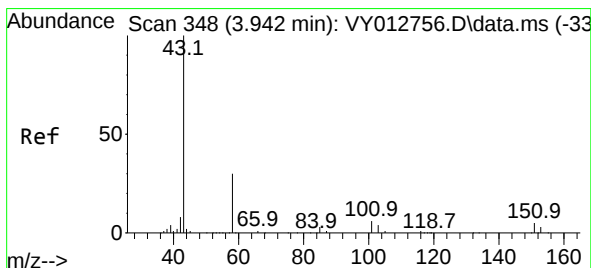
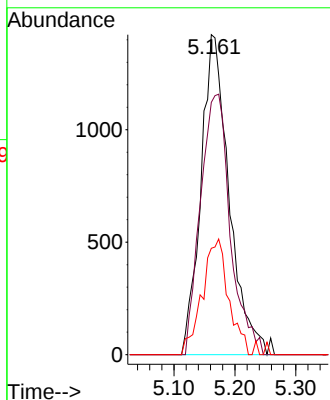
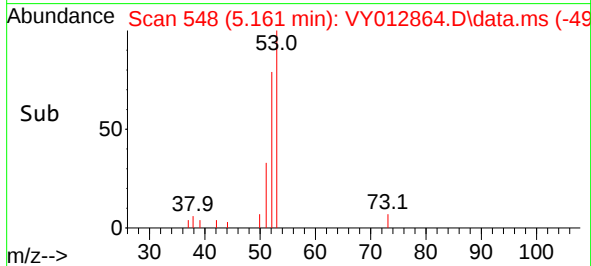
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



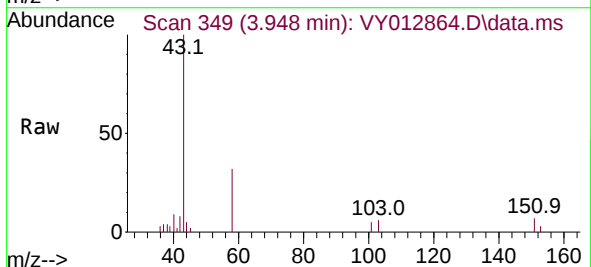
Tgt Ion: 53 Resp: 4600
Ion Ratio Lower Upper
53 100
52 85.5 66.3 99.5
51 33.5 28.8 43.2

Manual Integrations
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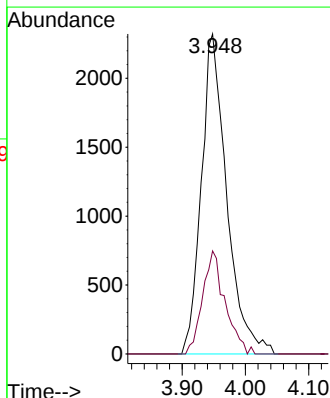
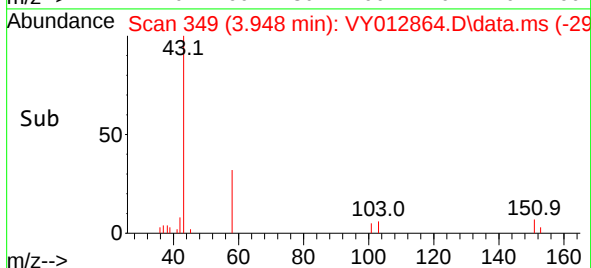
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

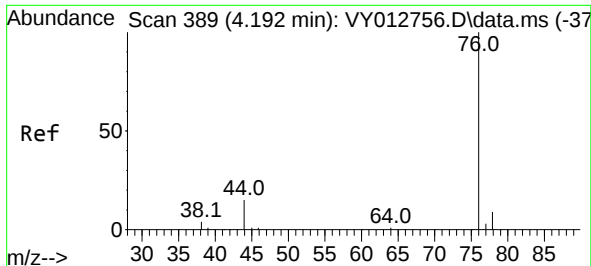


#16
Acetone
Concen: 17.146 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



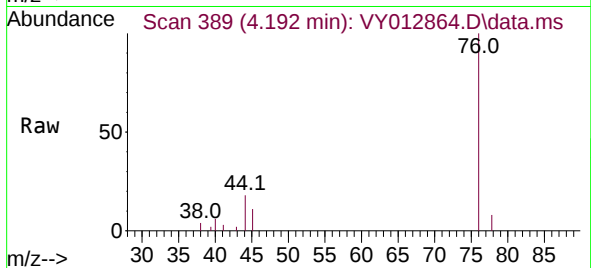
Tgt Ion: 43 Resp: 6483
Ion Ratio Lower Upper
43 100
58 32.2 24.2 36.2





#17
Carbon Disulfide
Concen: 2.649 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

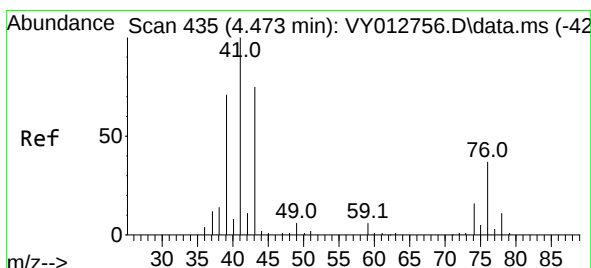
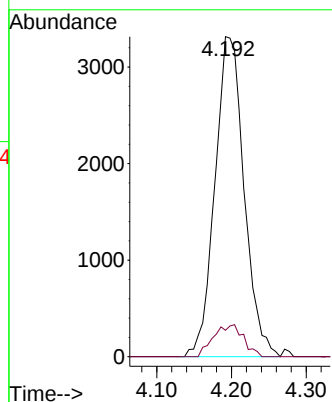
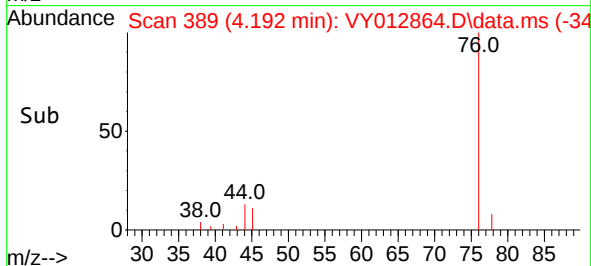
Instrument : MSVOA_Y
Client Sample Id : MDL-SOIL-03-QT1-2022



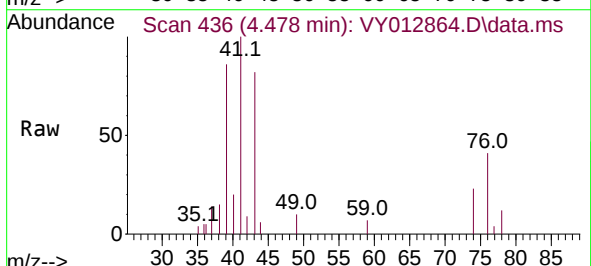
Tgt Ion: 76 Resp: 9010
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7

Manual Integrations
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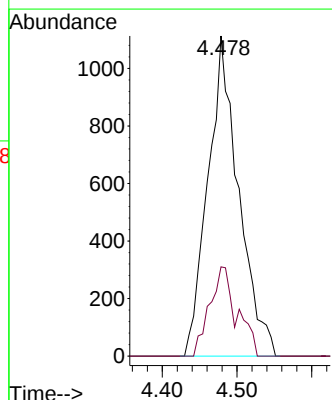
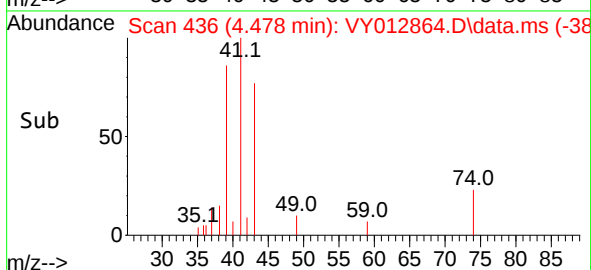
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

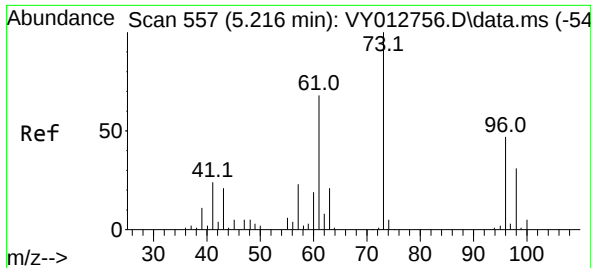


#18
Methyl Acetate
Concen: 2.823 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



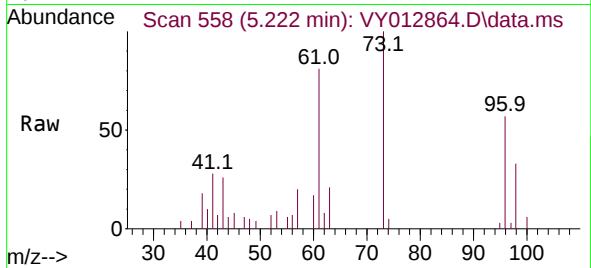
Tgt Ion: 43 Resp: 3179
Ion Ratio Lower Upper
43 100
74 24.7 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 2.649 ug/l
RT: 5.222 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

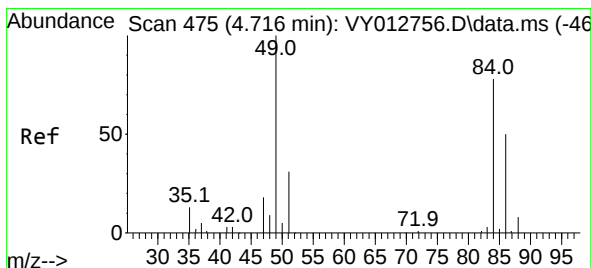
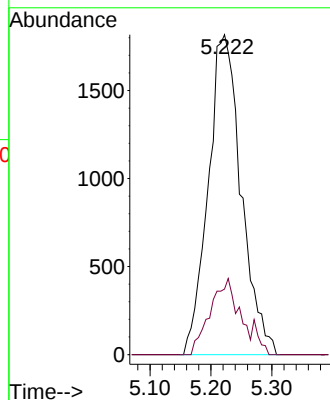
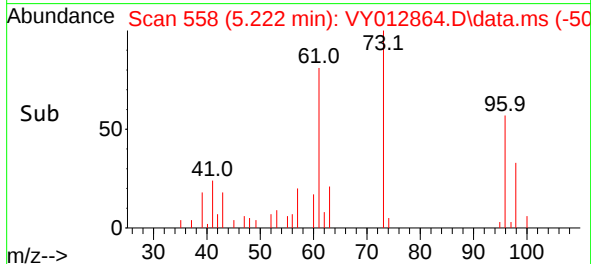
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



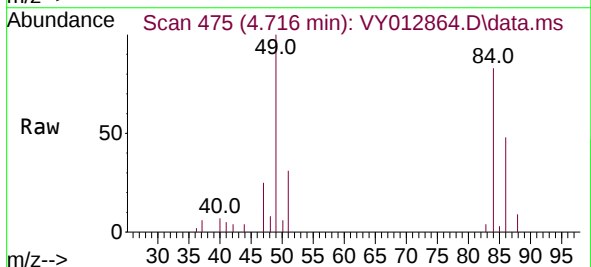
Tgt Ion: 73 Resp: 683
Ion Ratio Lower Upper
73 100
57 20.5 18.3 27.5

Manual Integrations
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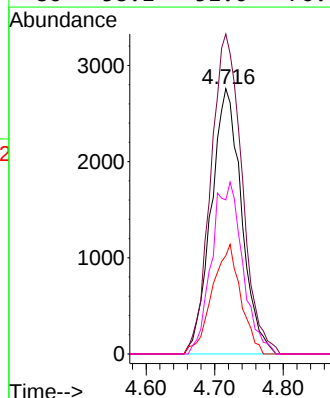
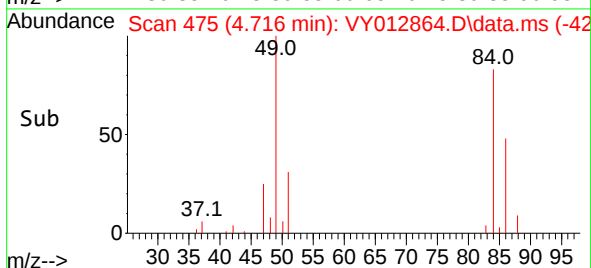
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

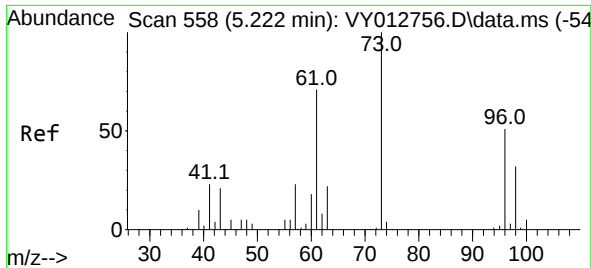


#20
Methylene Chloride
Concen: 2.217 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



Tgt Ion: 84 Resp: 8482
Ion Ratio Lower Upper
84 100
49 120.6 102.6 154.0
51 37.0 31.9 47.9
86 58.1 51.0 76.6





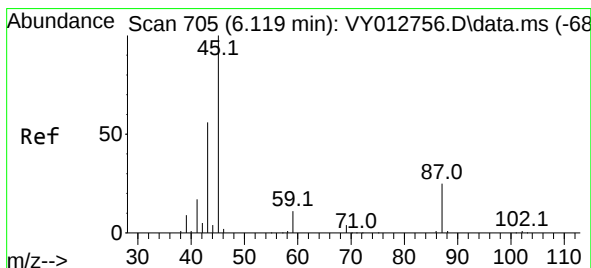
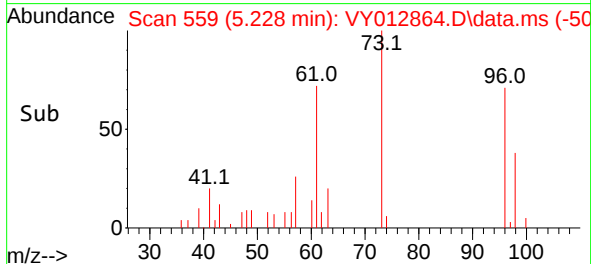
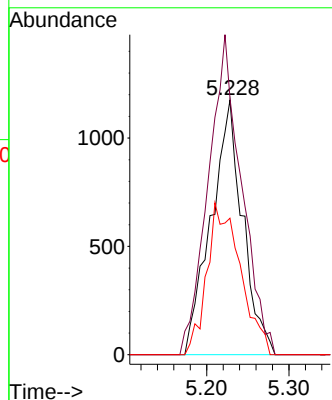
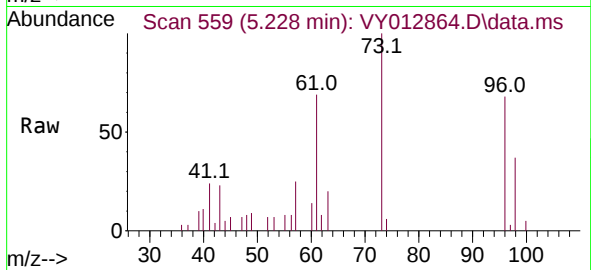
#21
trans-1,2-Dichloroethene
Concen: 2.899 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 96 Resp: 3148
Ion Ratio Lower Upper
96 100
61 100.9 111.4 167.0
98 53.6 50.8 76.2

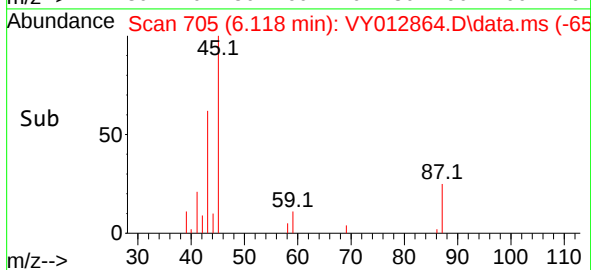
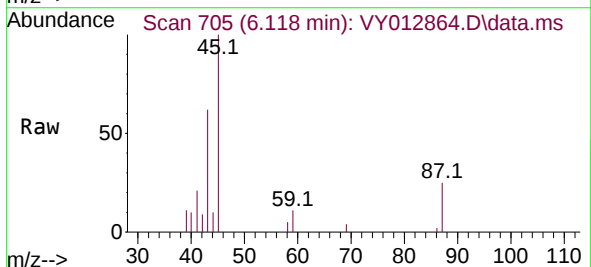
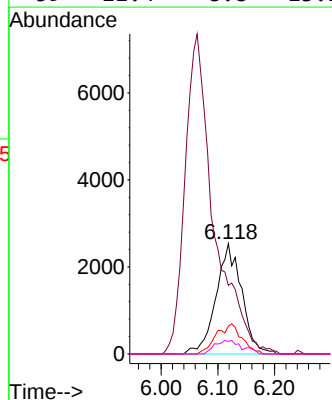
Manual Integrations
APPROVED

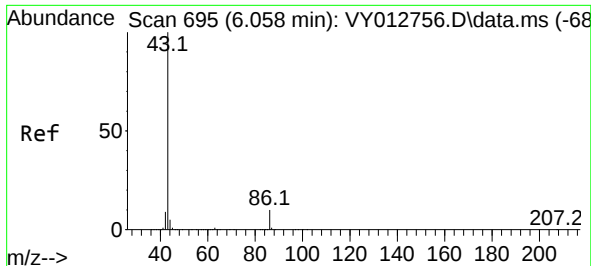
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#22
Diisopropyl ether
Concen: 2.378 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

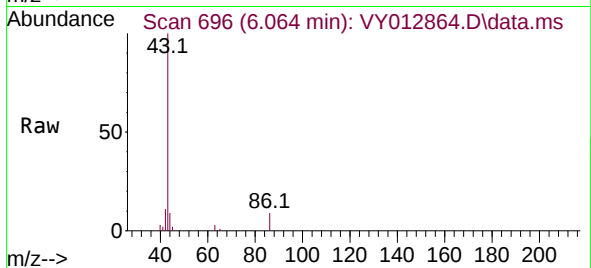
Tgt Ion: 45 Resp: 7970
Ion Ratio Lower Upper
45 100
43 62.2 45.0 67.6
87 25.2 20.3 30.5
59 11.4 8.8 13.2





#23
 Vinyl Acetate
 Concen: 12.418 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY012864.D
 Acq: 08 Mar 2023 12:31

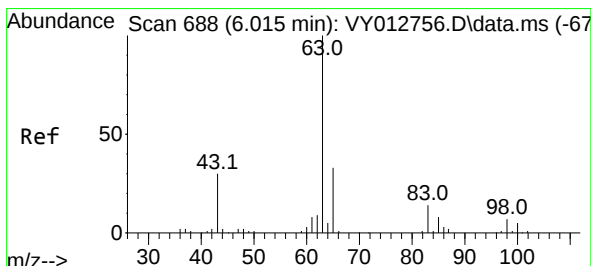
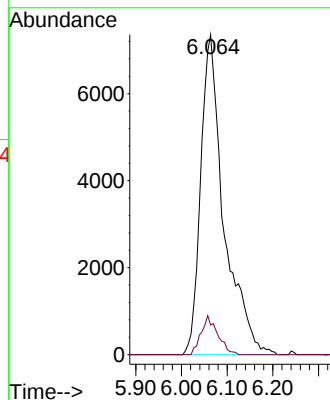
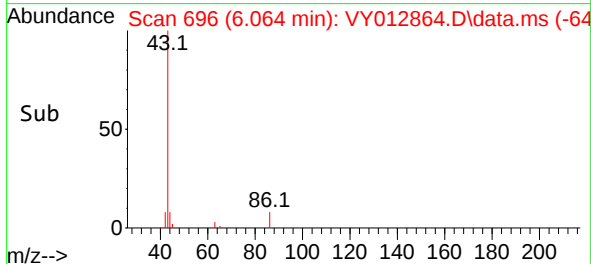
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2022



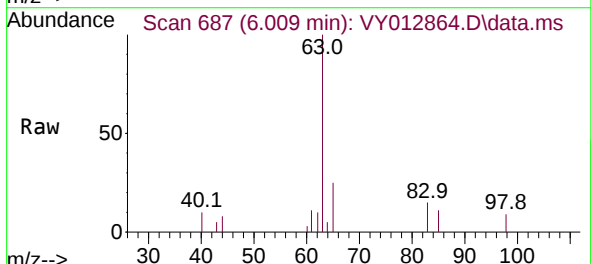
Tgt Ion: 43 Resp: 2586
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.8

Manual Integrations
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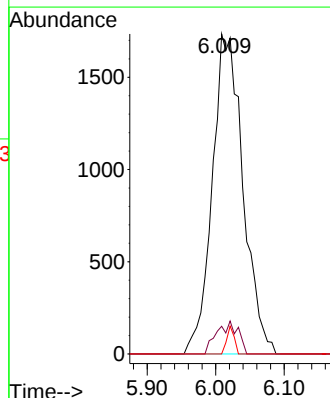
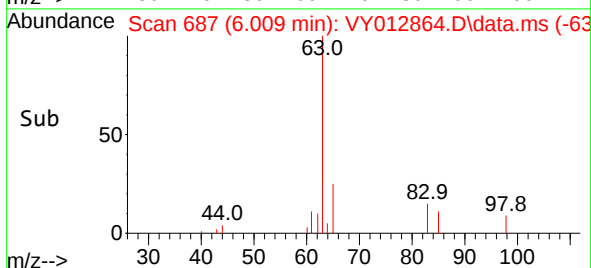
Reviewed By :Krupa Patel 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

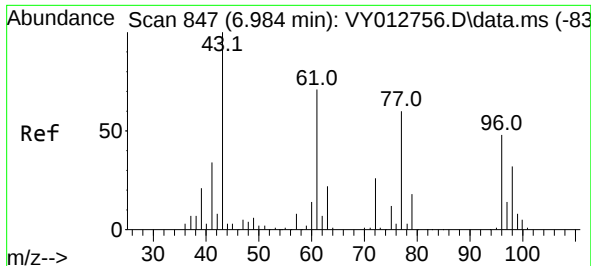


#24
 1,1-Dichloroethane
 Concen: 2.822 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY012864.D
 Acq: 08 Mar 2023 12:31



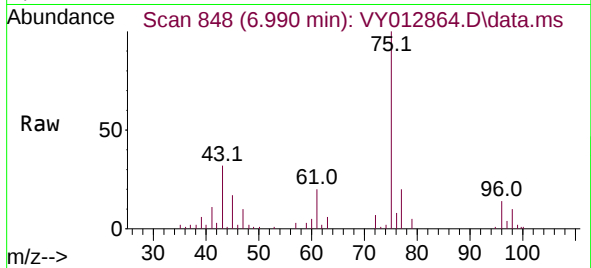
Tgt Ion: 63 Resp: 5391
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.7 11.1
 100 0.0 2.3 6.8





#25
2-Butanone
Concen: 16.293 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

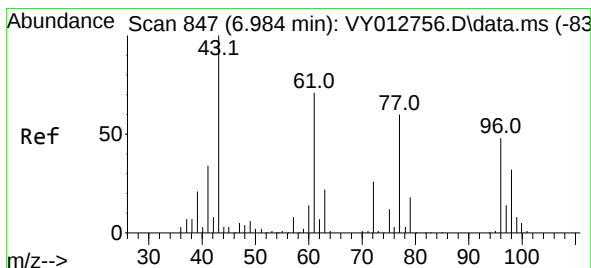
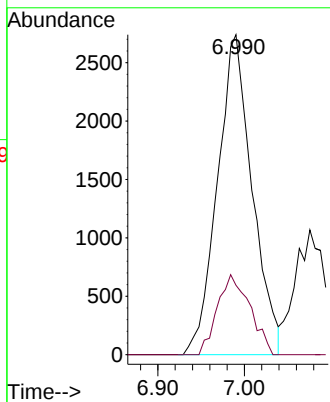
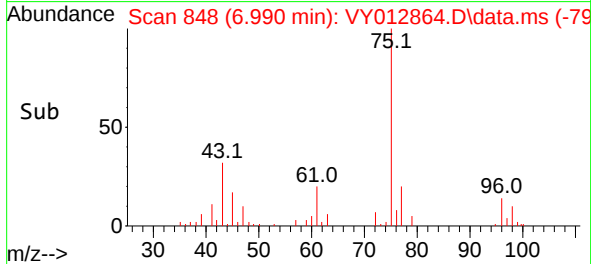
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 43 Resp: 7630
Ion Ratio Lower Upper
43 100
72 21.7 21.0 31.4

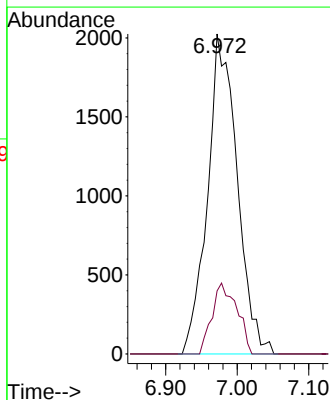
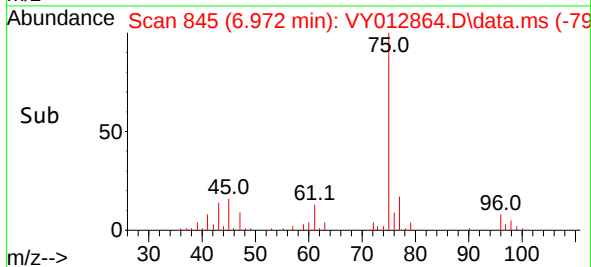
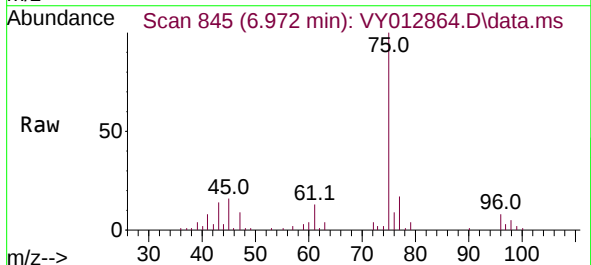
Manual Integrations
APPROVED

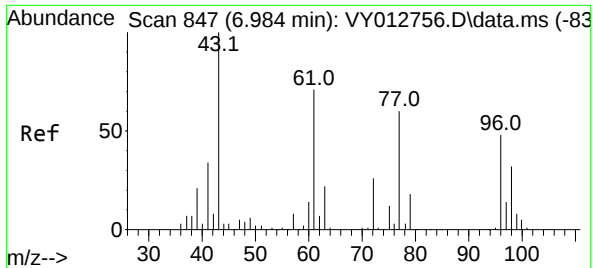
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#26
2,2-Dichloropropane
Concen: 3.431 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

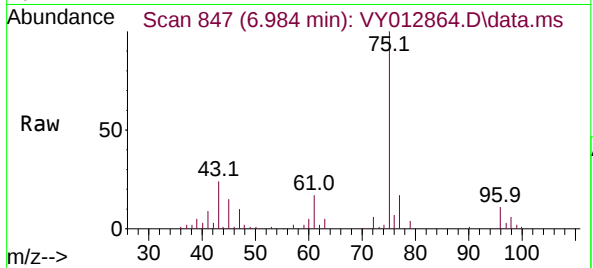
Tgt Ion: 77 Resp: 5820
Ion Ratio Lower Upper
77 100
97 18.6 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 2.908 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012864.D
 Acq: 08 Mar 2023 12:31

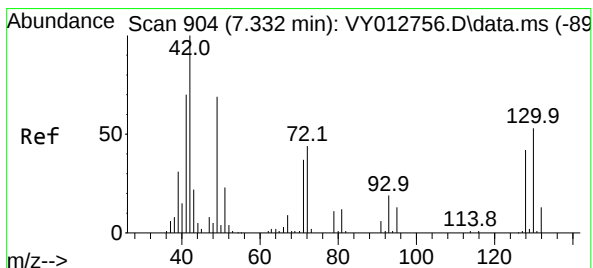
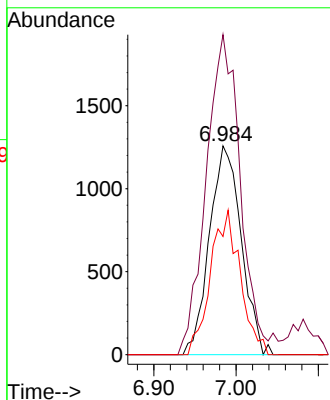
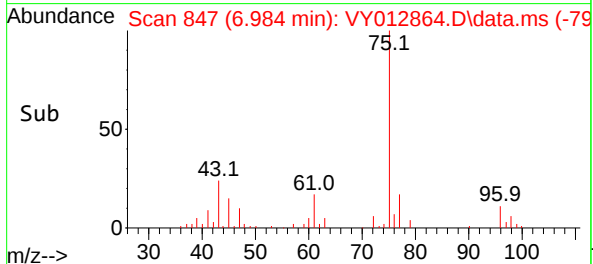
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2022



Tgt Ion: 96 Resp: 3385
 Ion Ratio Lower Upper
 96 100
 61 163.6 0.0 295.8
 98 64.5 0.0 130.2

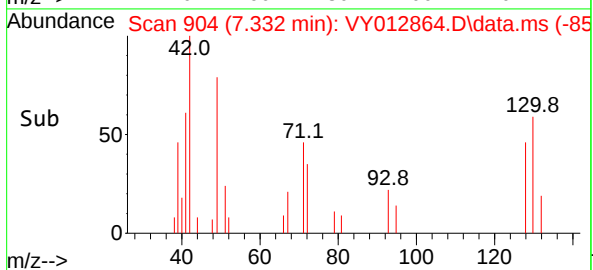
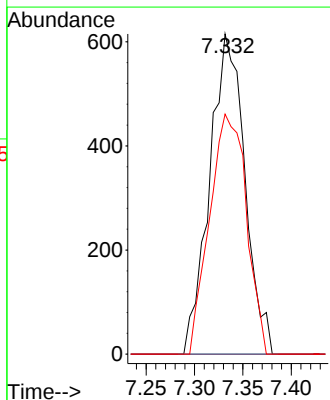
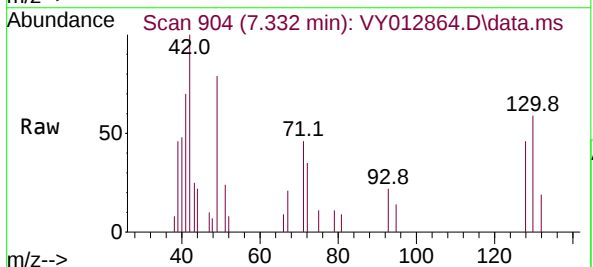
Manual Integrations
 APPROVED

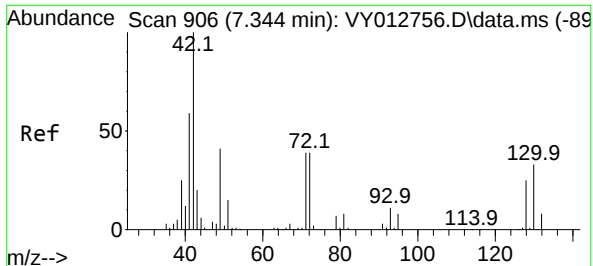
Reviewed By :Krupa Patel 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#28
 Bromochloromethane
 Concen: 2.229 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012864.D
 Acq: 08 Mar 2023 12:31

Tgt Ion: 49 Resp: 1556
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.2
 130 78.3 60.5 90.7





#29

Tetrahydrofuran

Concen: 13.497 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

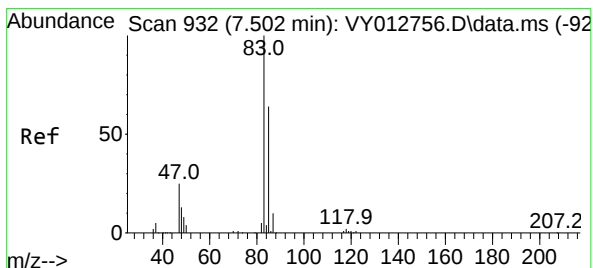
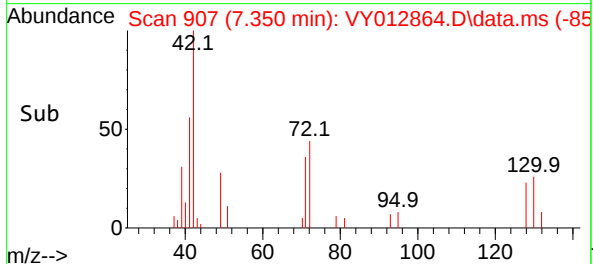
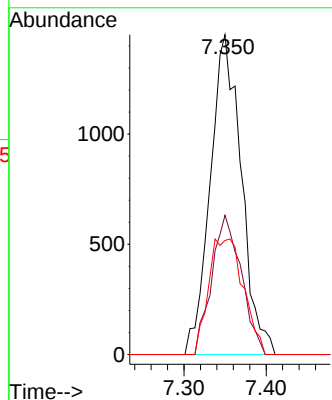
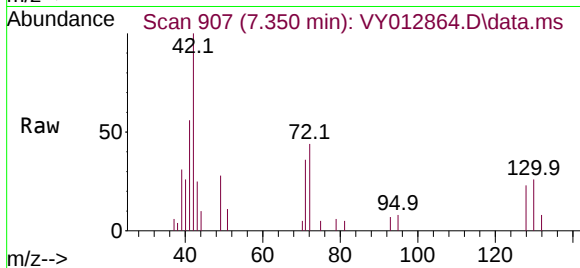
Tgt Ion: 42	Resp: 381
Ion Ratio	Lower Upper
42	100
72	41.4 32.3 48.5
71	40.6 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#30

Chloroform

Concen: 2.919 ug/l

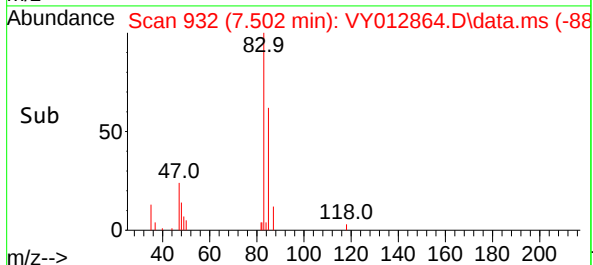
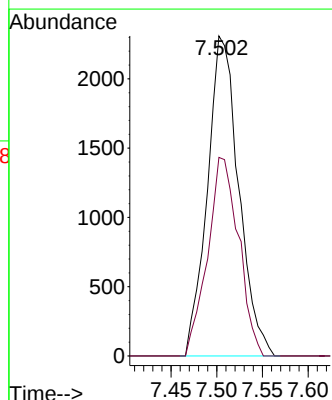
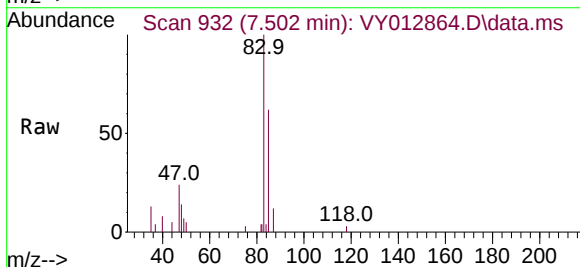
RT: 7.502 min Scan# 932

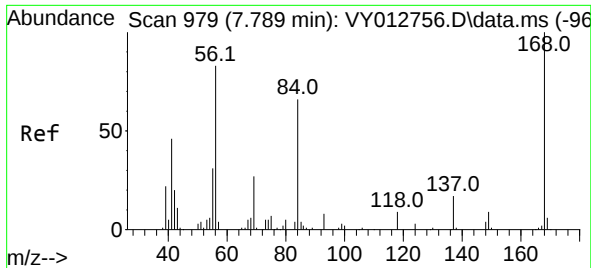
Delta R.T. 0.000 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

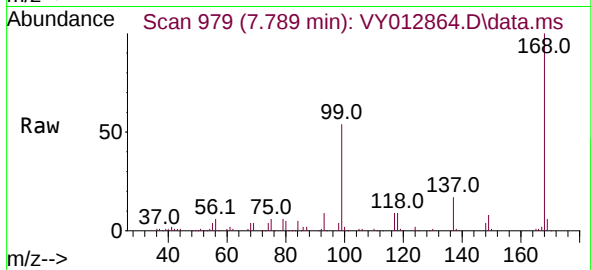
Tgt Ion: 83	Resp: 5508
Ion Ratio	Lower Upper
83	100
85	62.0 51.4 77.0





#31
Cyclohexane
Concen: 3.310 ug/l
RT: 7.789 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

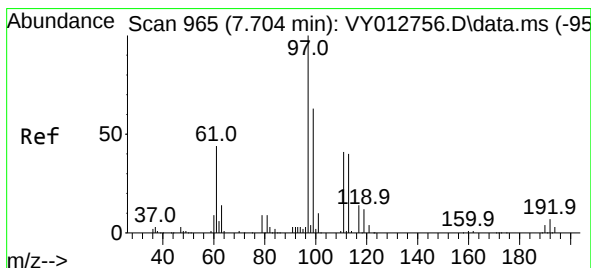
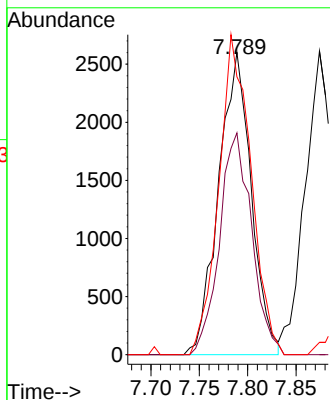
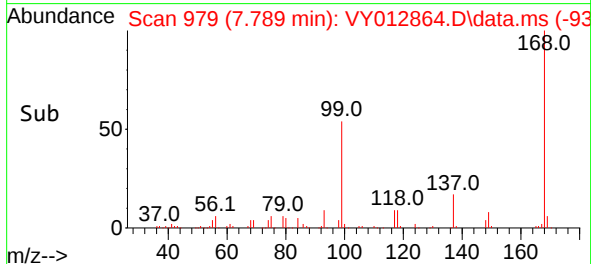
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2022



Tgt Ion: 56 Resp: 610
Ion Ratio Lower Upper
56 100
69 73.4 25.7 38.5
84 91.9 64.3 96.5

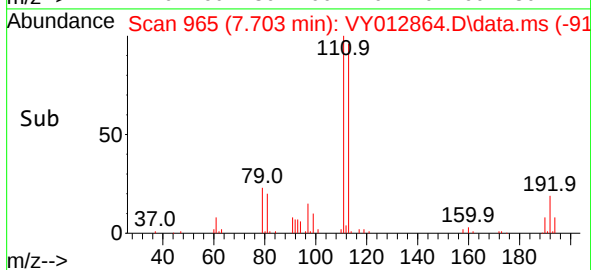
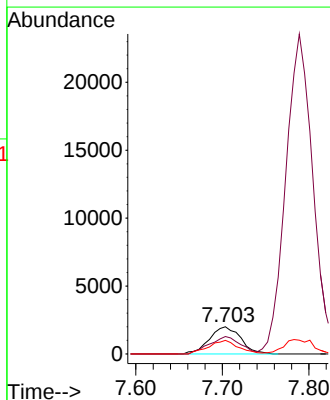
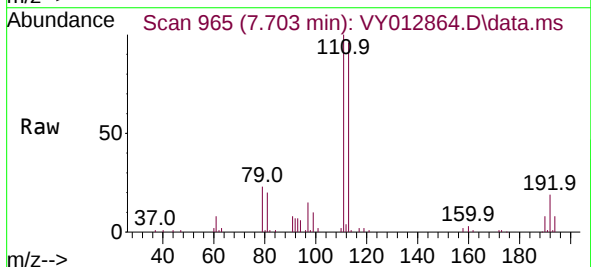
Manual Integrations
APPROVED

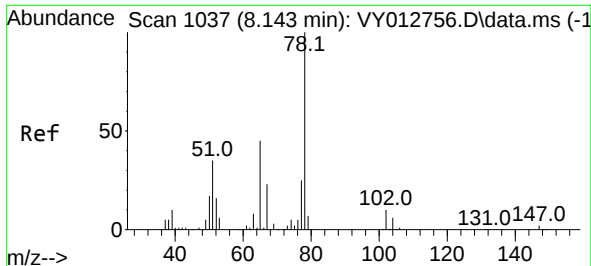
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#32
1,1,1-Trichloroethane
Concen: 2.942 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.001 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Tgt Ion: 97 Resp: 5019
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 47.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.242 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion: 65 Resp: 47434

Ion Ratio Lower Upper

65 100

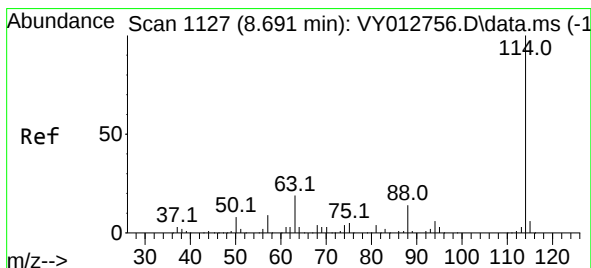
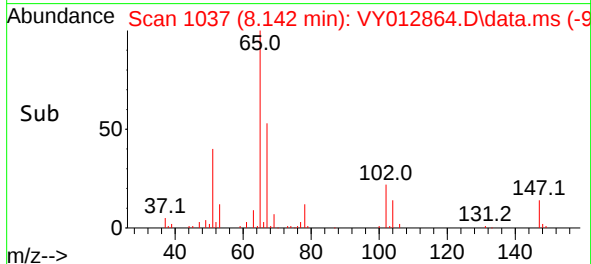
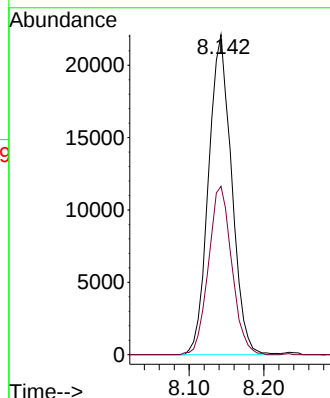
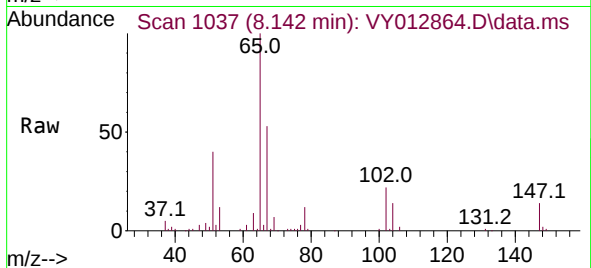
67 53.1 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

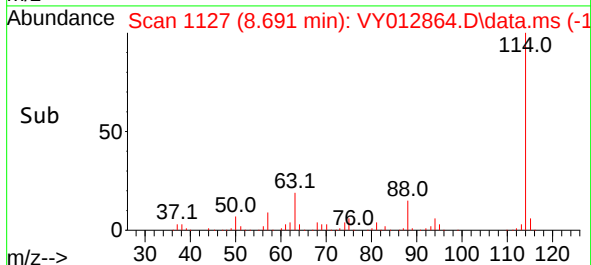
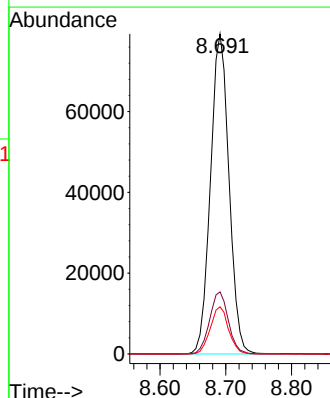
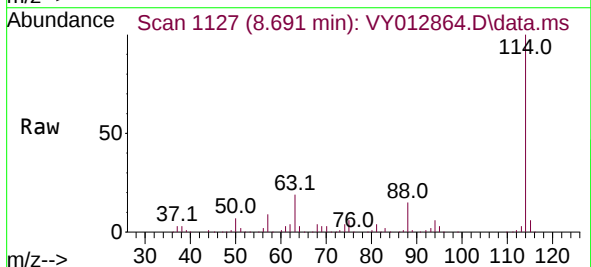
Tgt Ion:114 Resp: 155219

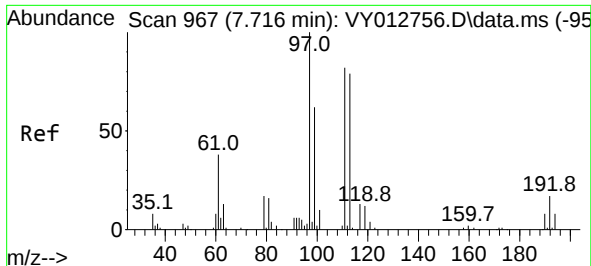
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

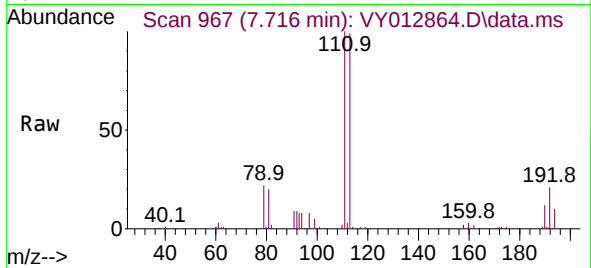
88 14.7 0.0 28.6





#35
Dibromofluoromethane
Concen: 48.674 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

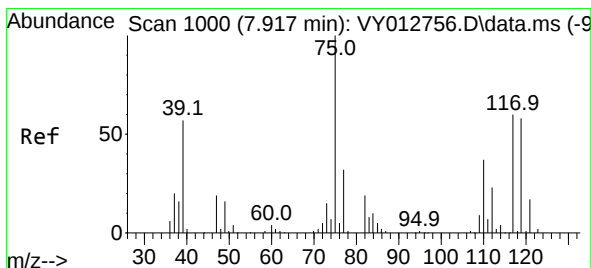
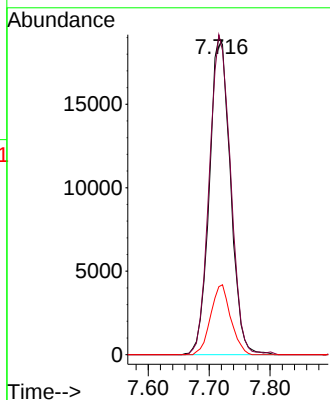
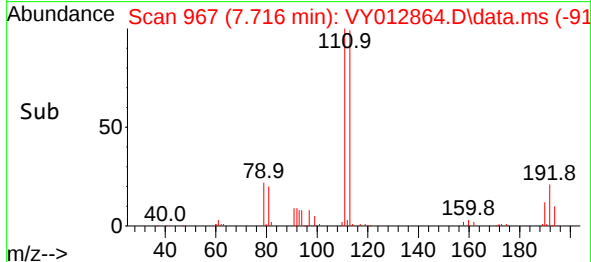
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:113 Resp: 4559
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 21.0 16.8 25.2

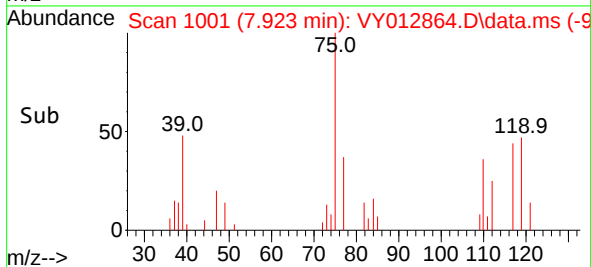
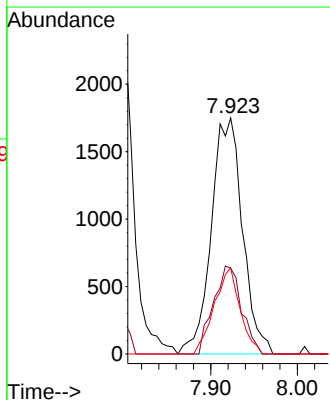
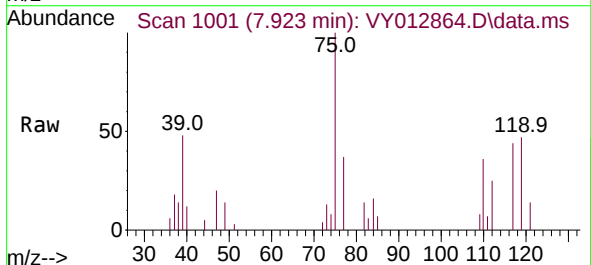
Manual Integrations
APPROVED

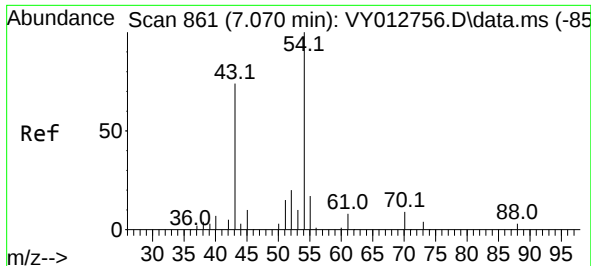
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#36
1,1-Dichloropropene
Concen: 2.792 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Tgt Ion: 75 Resp: 4383
Ion Ratio Lower Upper
75 100
110 33.5 17.8 53.3
77 30.2 25.0 37.4





#37

Ethyl Acetate

Concen: 2.888 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion: 43 Resp: 285

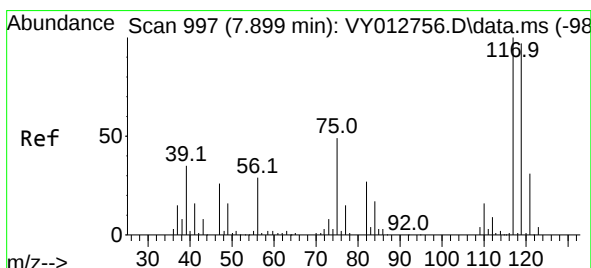
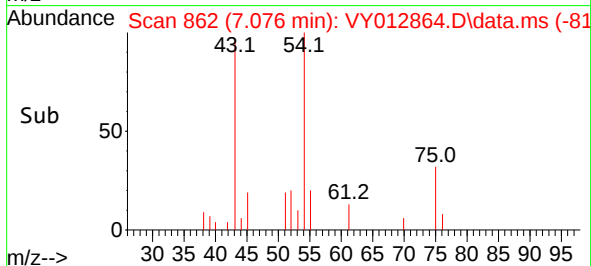
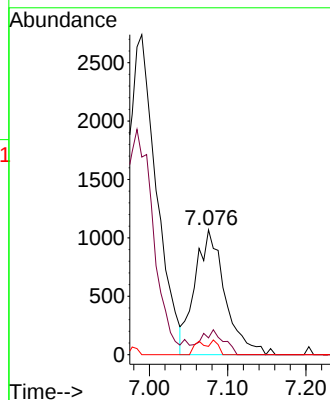
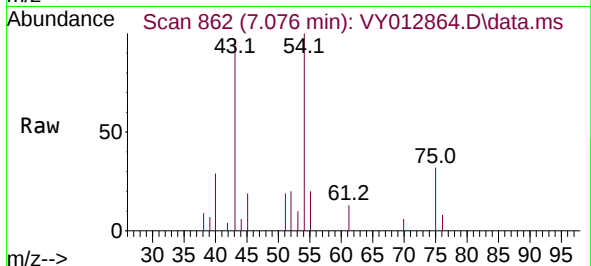
Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.7	16.1
70	4.5	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#38

Carbon Tetrachloride

Concen: 2.793 ug/l

RT: 7.899 min Scan# 997

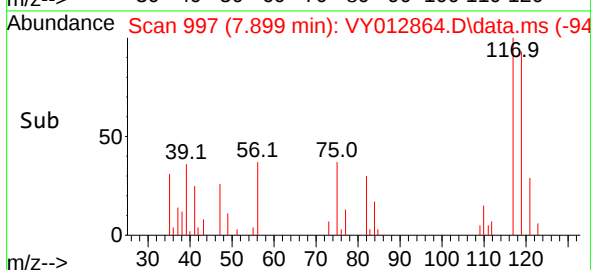
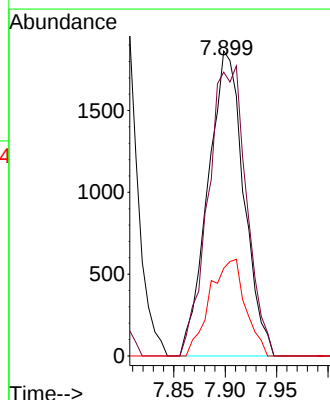
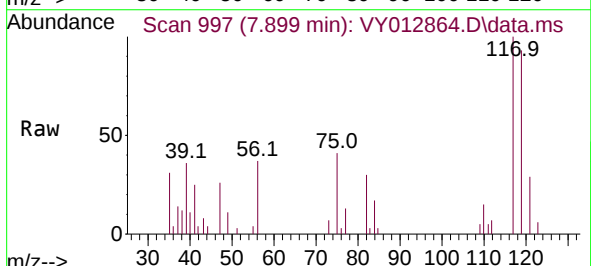
Delta R.T. -0.000 min

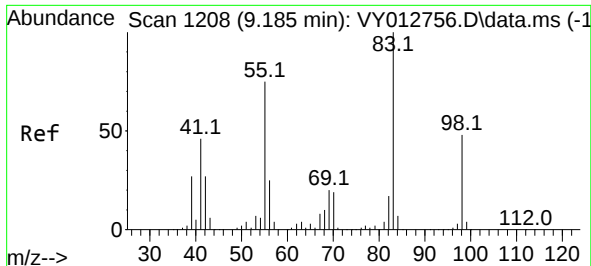
Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Tgt Ion:117 Resp: 4527

Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.2	115.8
121	28.8	24.7	37.1





#39

Methylcyclohexane

Concen: 2.525 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion: 83 Resp: 471

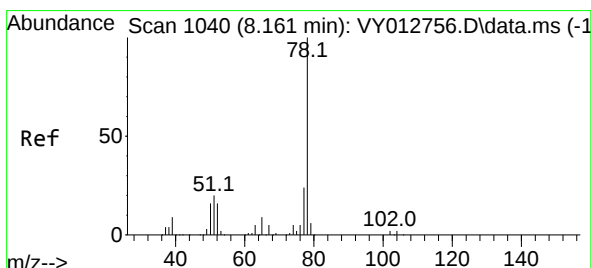
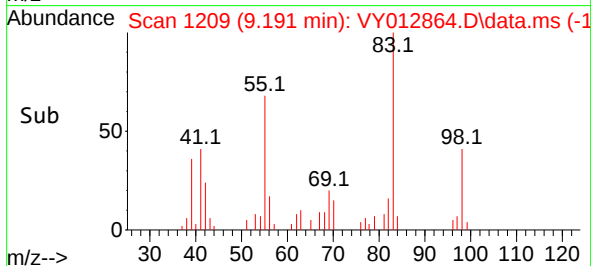
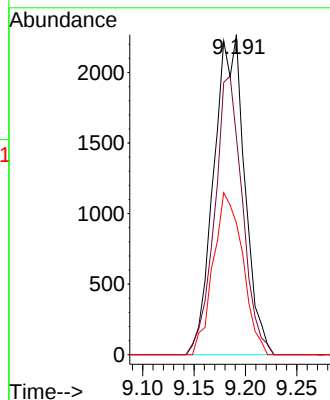
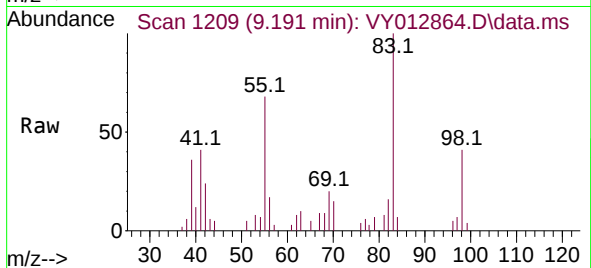
Ion	Ratio	Lower	Upper
83	100		
55	68.2	60.0	90.0
98	41.1	38.3	57.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#40

Benzene

Concen: 2.835 ug/l

RT: 8.161 min Scan# 1040

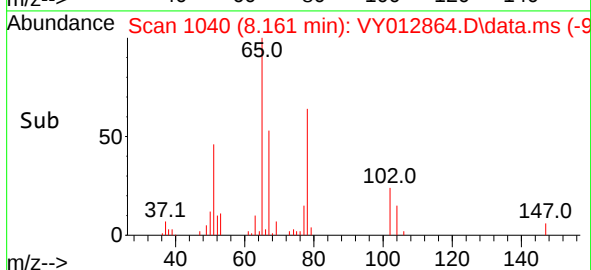
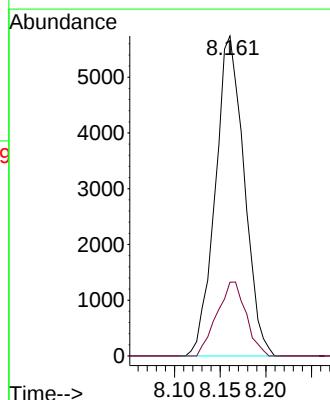
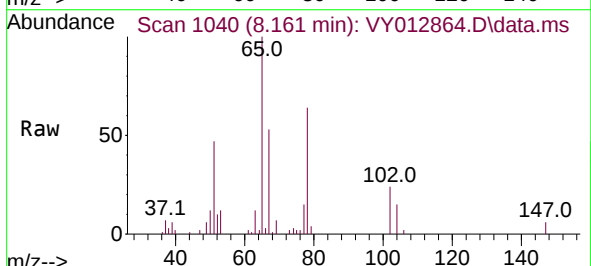
Delta R.T. -0.000 min

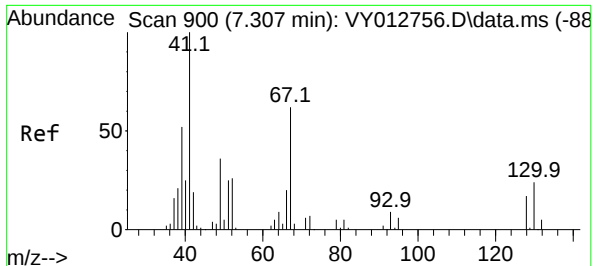
Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Tgt Ion: 78 Resp: 12590

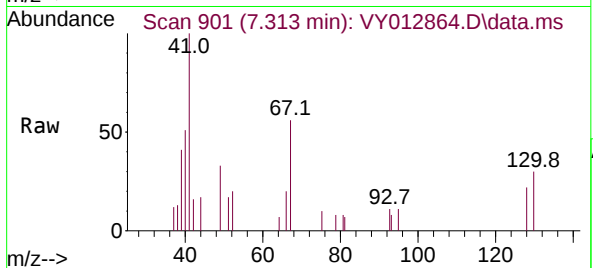
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.0





#41
Methacrylonitrile
Concen: 2.733 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

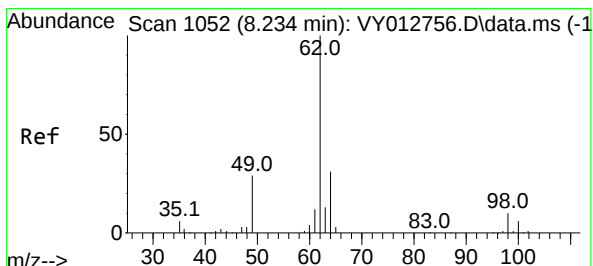
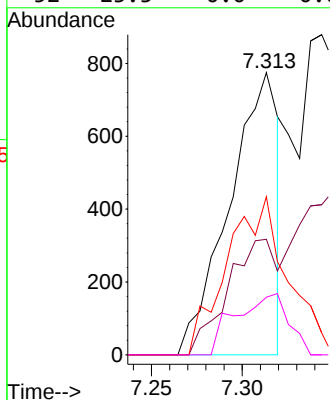
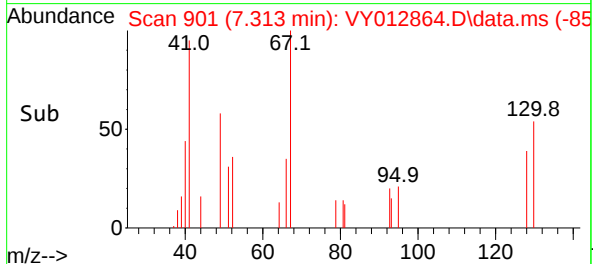
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 41 Resp: 145
Ion Ratio Lower Upper
41 100
39 41.1 0.0 0.0
67 68.7 0.0 0.0
52 23.3 0.0 0.0

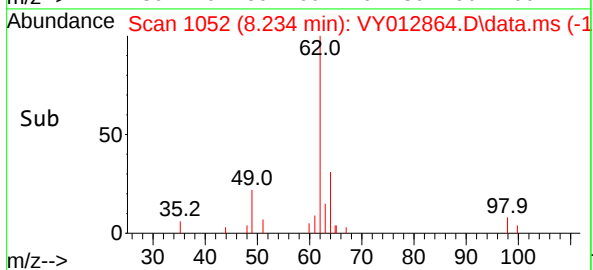
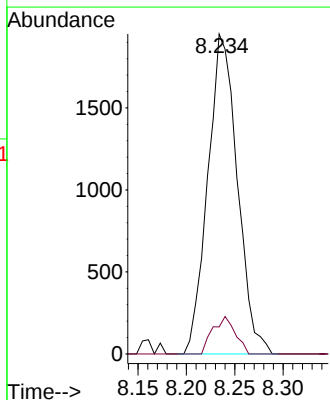
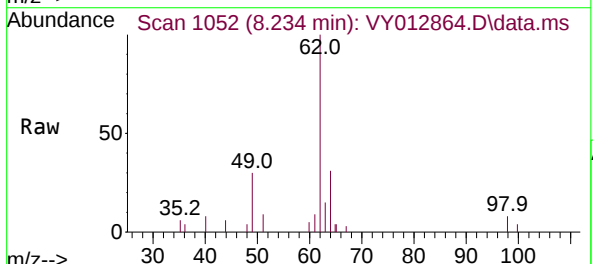
Manual Integrations
APPROVED

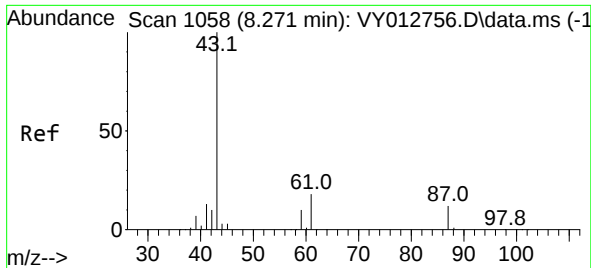
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#42
1,2-Dichloroethane
Concen: 3.103 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

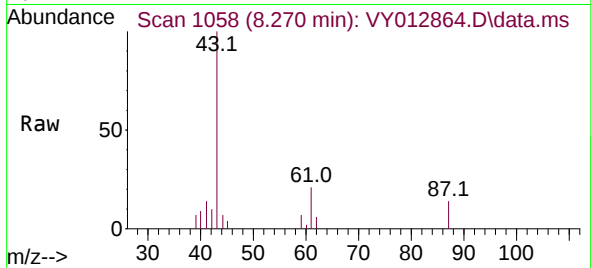
Tgt Ion: 62 Resp: 4143
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.8





#43
Isopropyl Acetate
Concen: 2.611 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

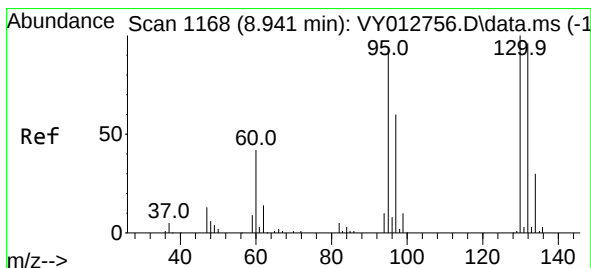
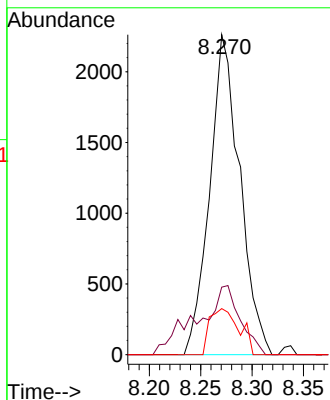
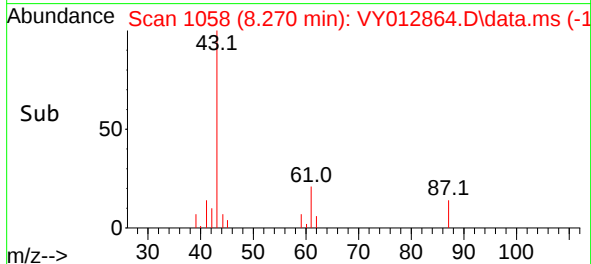
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2022



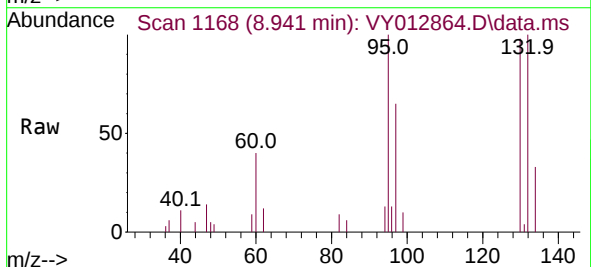
Tgt Ion: 43 Resp: 4609
Ion Ratio Lower Upper
43 100
61 30.9 21.6 32.4
87 14.1 9.9 14.9

Manual Integrations
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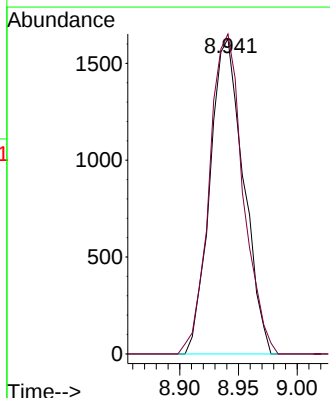
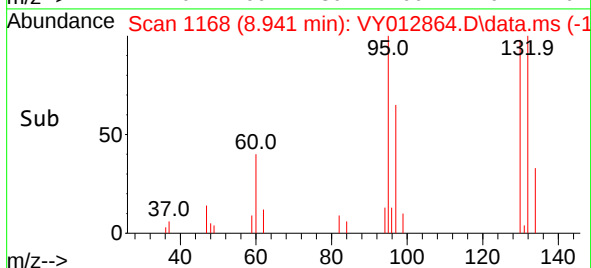
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

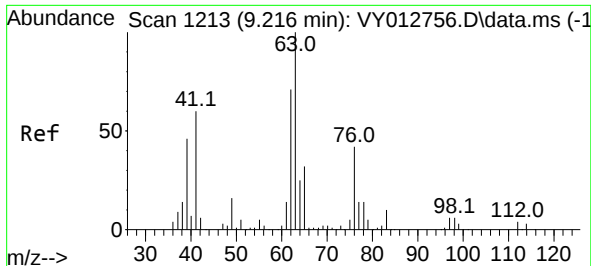


#44
Trichloroethene
Concen: 2.763 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



Tgt Ion:130 Resp: 3235
Ion Ratio Lower Upper
130 100
95 101.5 0.0 185.0





#45

1,2-Dichloropropane

Concen: 2.765 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion: 63 Resp: 310

Ion Ratio Lower Upper

63 100

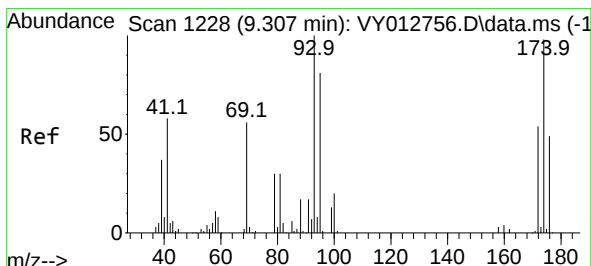
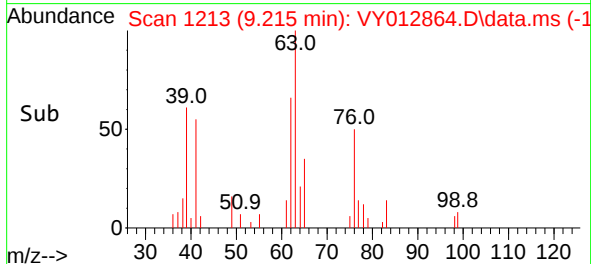
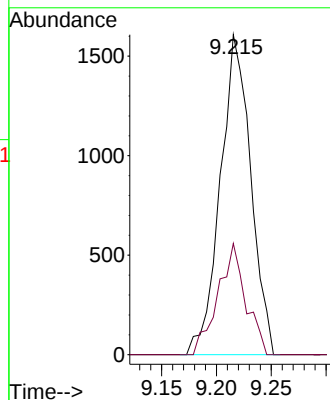
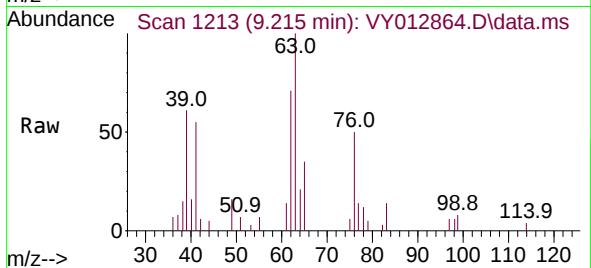
65 34.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#46

Dibromomethane

Concen: 2.942 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

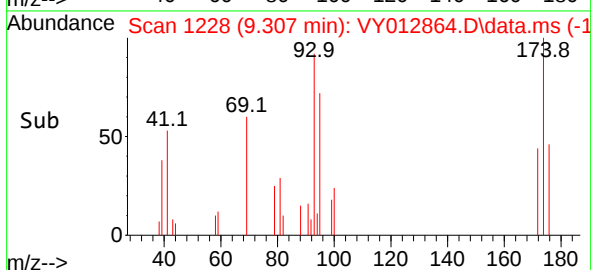
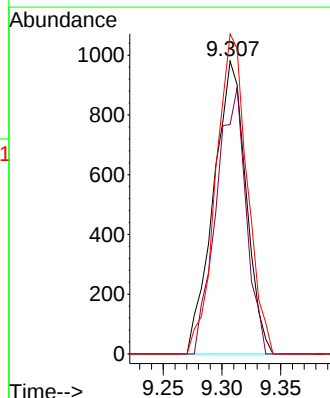
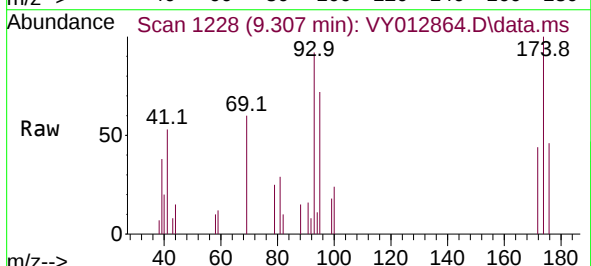
Tgt Ion: 93 Resp: 1881

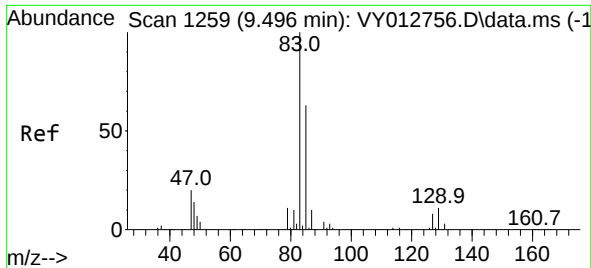
Ion Ratio Lower Upper

93 100

95 83.4 65.6 98.4

174 105.5 81.3 121.9





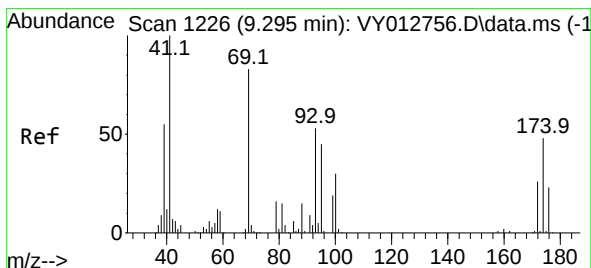
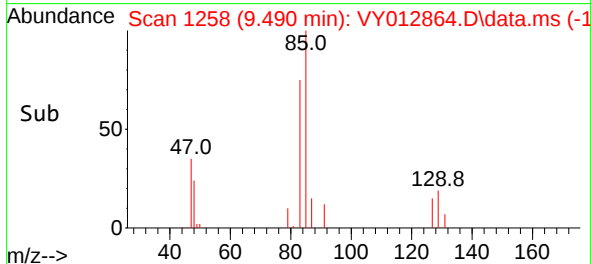
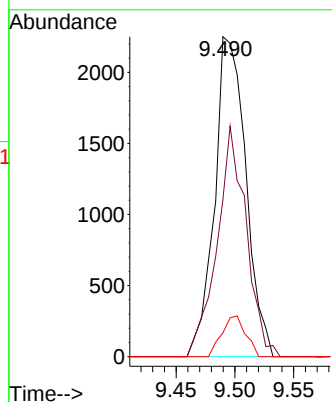
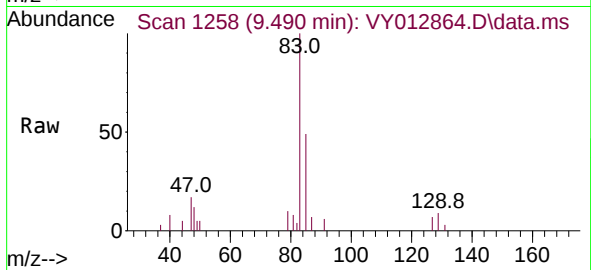
#47
Bromodichloromethane
Concen: 2.766 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 83 Resp: 4168
Ion Ratio Lower Upper
83 100
85 49.1 50.2 75.4
127 7.4 6.3 9.5

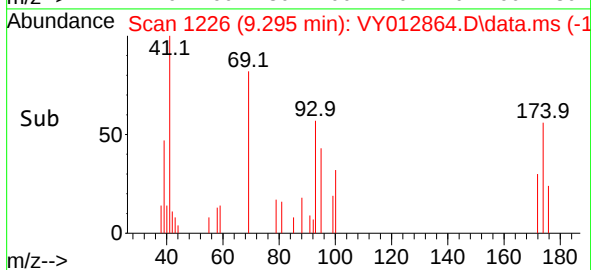
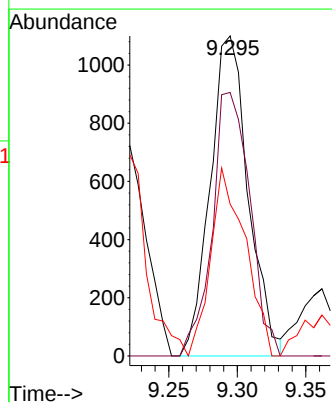
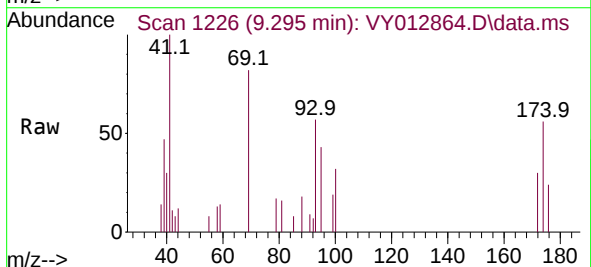
Manual Integrations
APPROVED

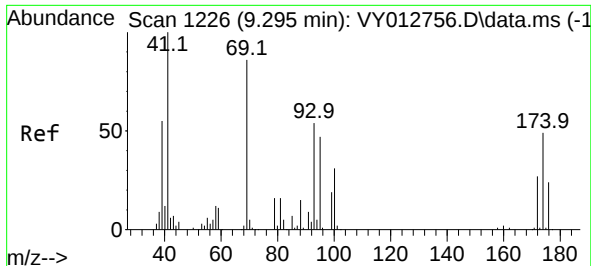
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#48
Methyl methacrylate
Concen: 2.616 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Tgt Ion: 41 Resp: 2128
Ion Ratio Lower Upper
41 100
69 81.4 64.1 96.1
39 53.1 44.0 66.0





#49

1,4-Dioxane

Concen: 53.721 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

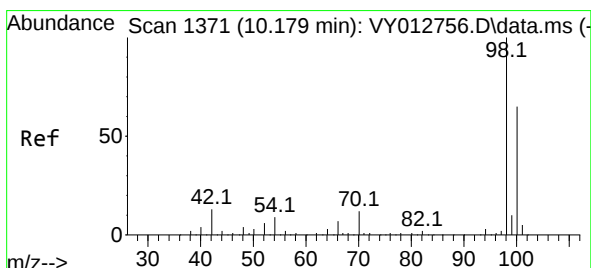
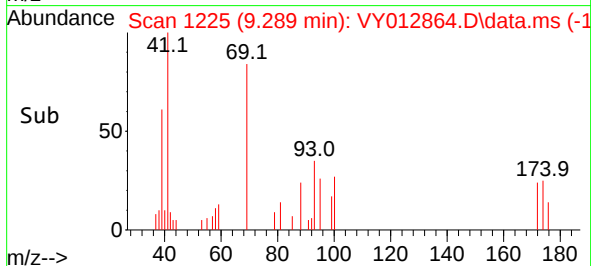
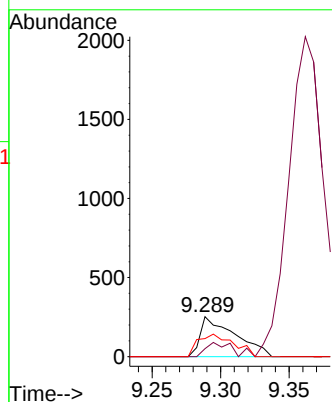
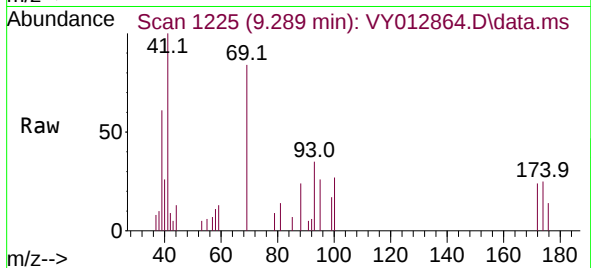
Tgt Ion: 88 Resp: 444
 Ion Ratio Lower Upper
 88 100
 43 0.0 28.6 42.8
 58 57.4 55.2 82.8

Manual Integrations

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Reviewed By :Krupa Patel 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#50

Toluene-d8

Concen: 44.520 ug/l

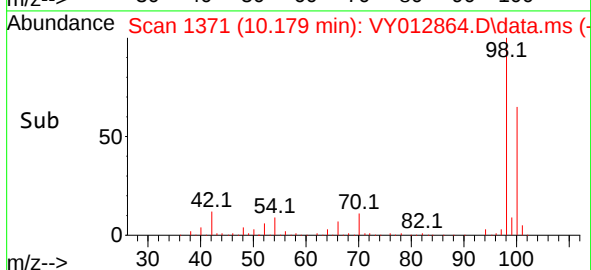
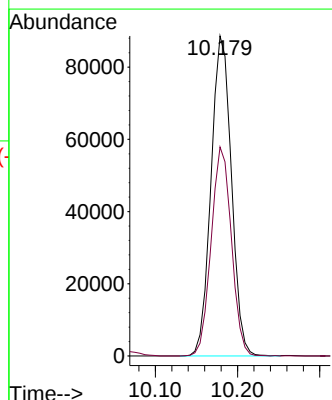
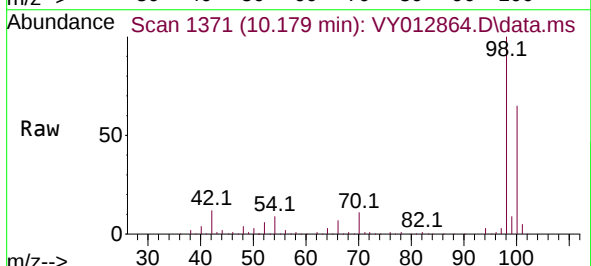
RT: 10.179 min Scan# 1371

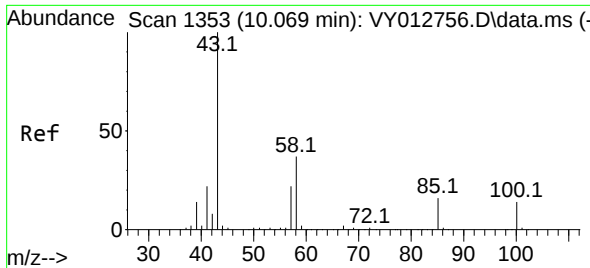
Delta R.T. -0.000 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

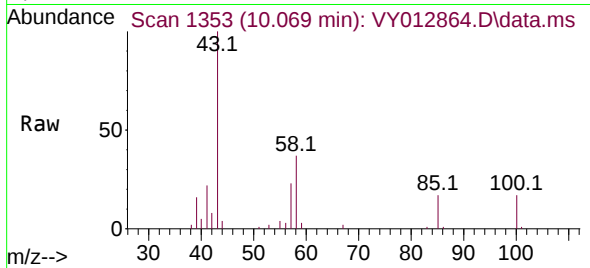
Tgt Ion: 98 Resp: 152460
 Ion Ratio Lower Upper
 98 100
 100 64.8 50.9 76.3





#51
4-Methyl-2-Pentanone
Concen: 12.612 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

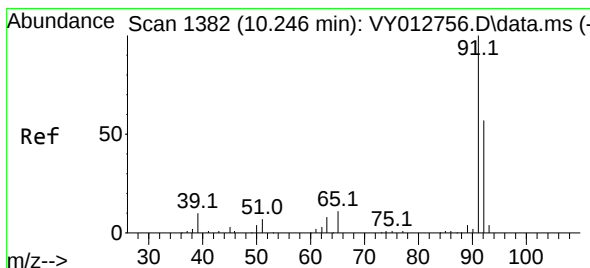
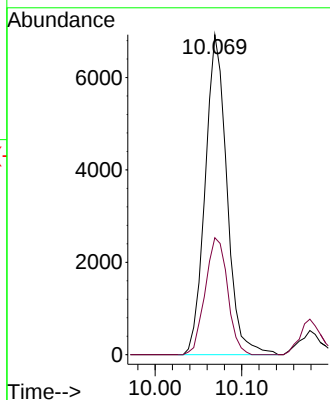
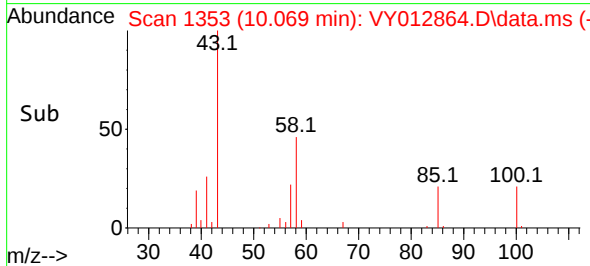
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2022



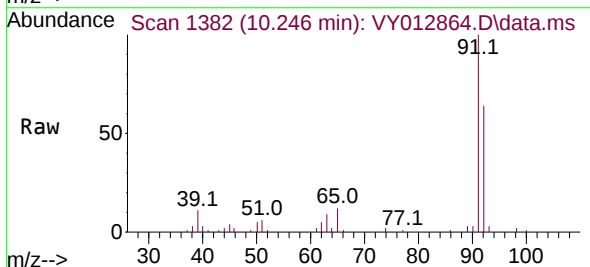
Tgt Ion: 43 Resp: 12070
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.6

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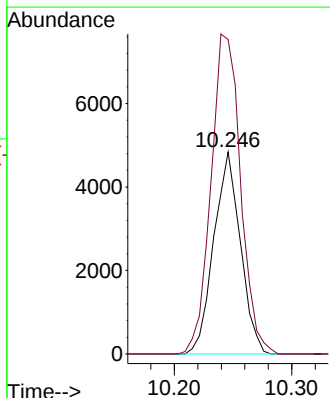
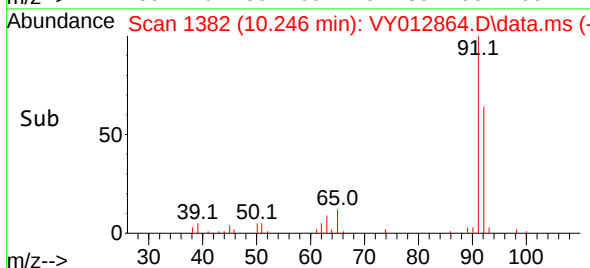
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

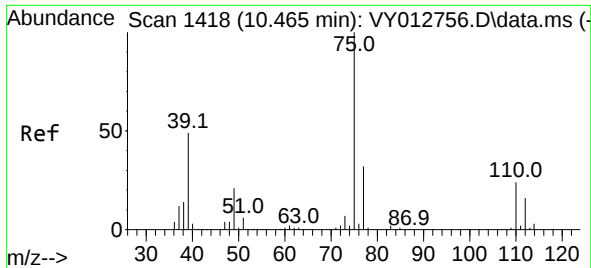


#52
Toluene
Concen: 2.840 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



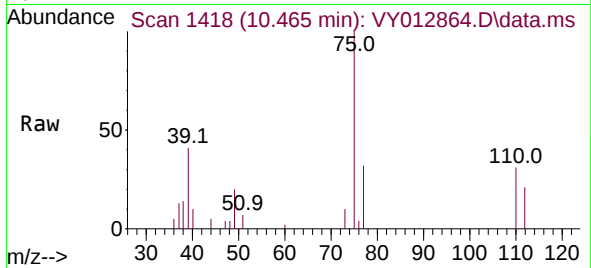
Tgt Ion: 92 Resp: 7605
Ion Ratio Lower Upper
92 100
91 176.3 141.3 211.9





#53
t-1,3-Dichloropropene
Concen: 2.794 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

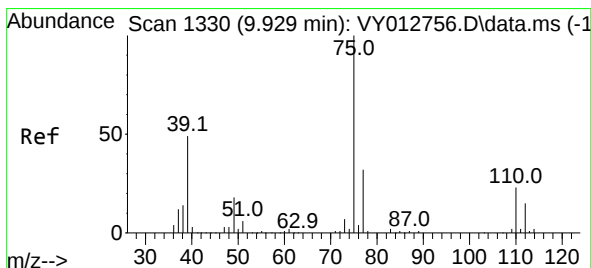
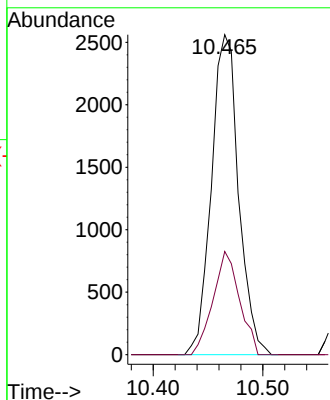
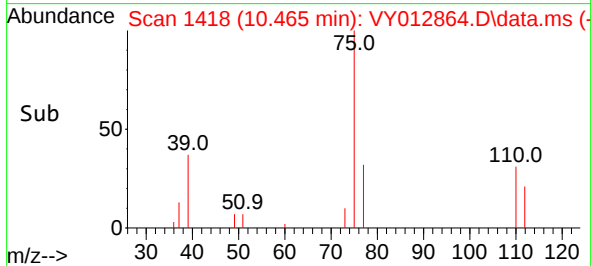
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2022



Tgt Ion: 75 Resp: 4410
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2

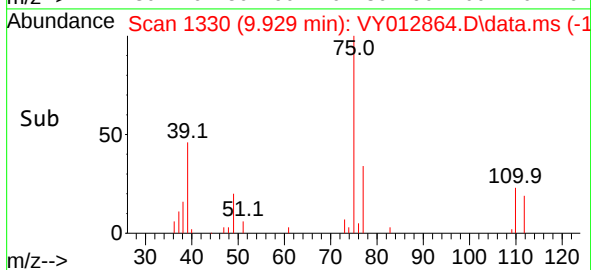
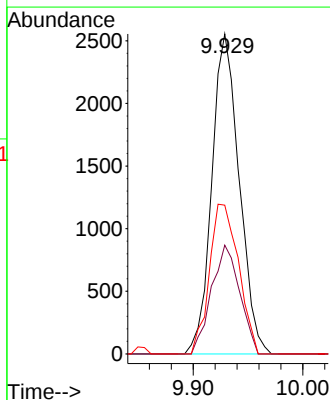
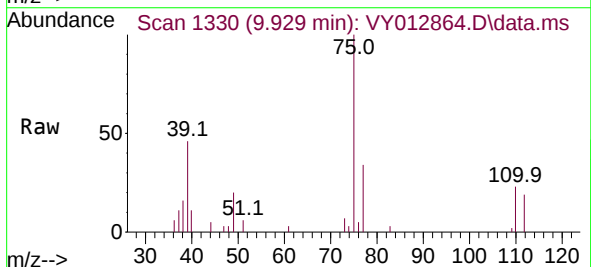
Manual Integrations
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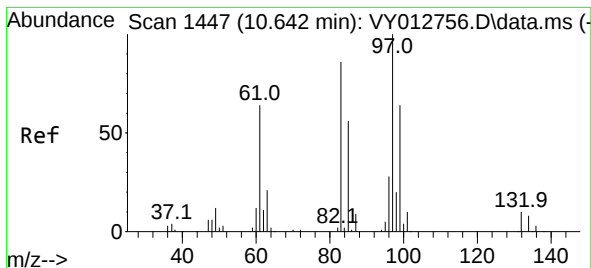
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#54
cis-1,3-Dichloropropene
Concen: 2.477 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

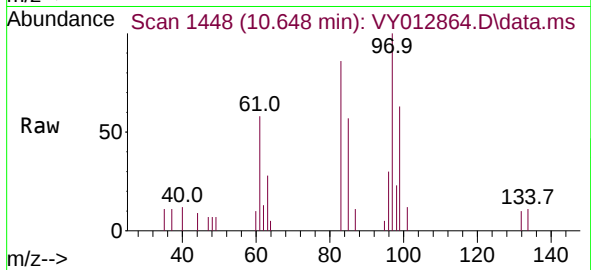
Tgt Ion: 75 Resp: 4431
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.0
39 46.5 39.0 58.4





#55
1,1,2-Trichloroethane
Concen: 2.952 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

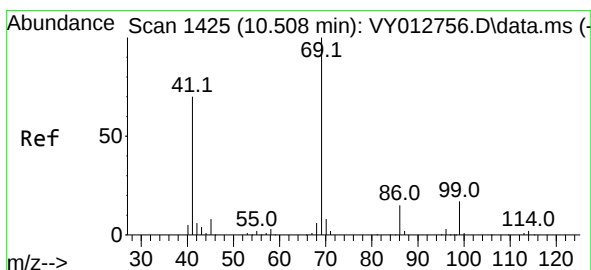
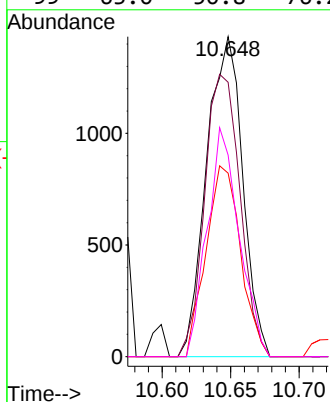
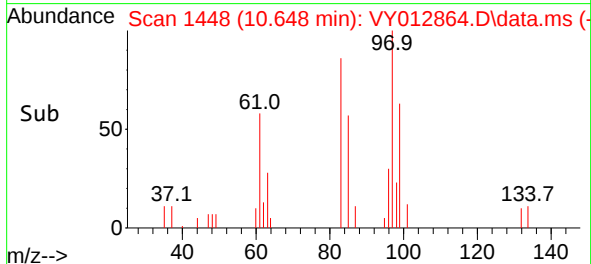


Tgt Ion: 97 Resp: 2628

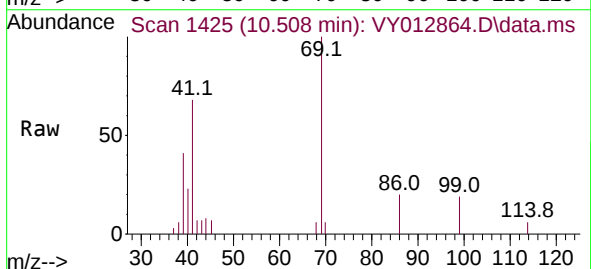
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.0	103.6
85	57.4	44.9	67.3
99	63.0	50.8	76.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

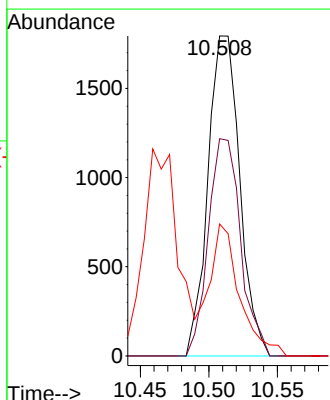
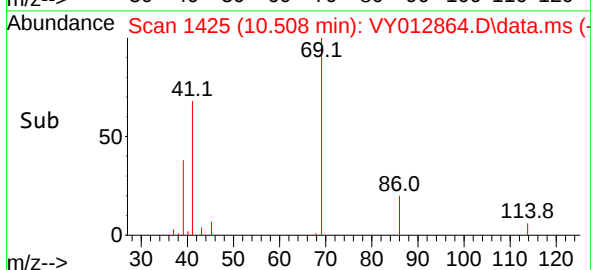


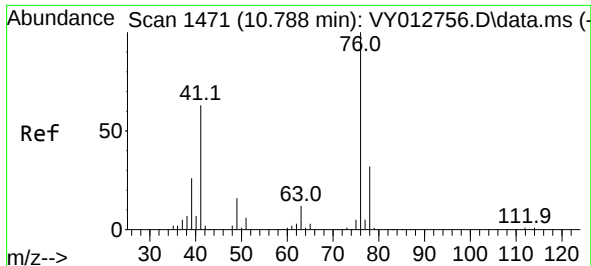
#56
Ethyl methacrylate
Concen: 2.440 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



Tgt Ion: 69 Resp: 2897

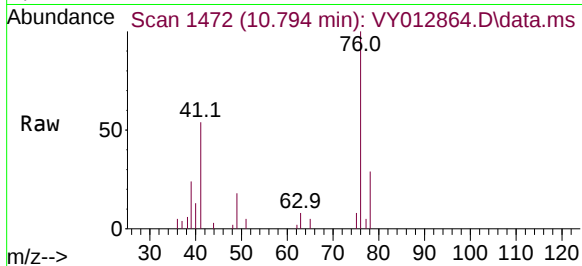
Ion	Ratio	Lower	Upper
69	100		
41	68.9	56.4	84.6
39	39.5	30.8	46.2





#57
1,3-Dichloropropane
Concen: 2.820 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

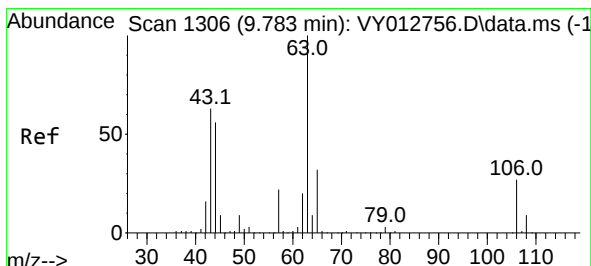
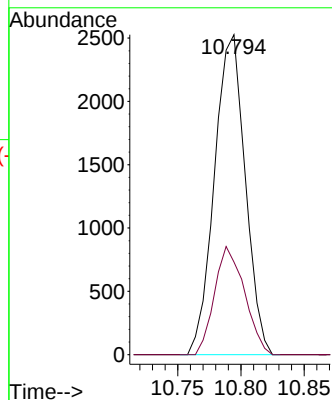
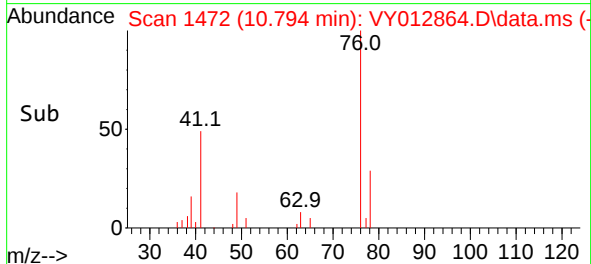
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 76 Resp: 4270
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.4

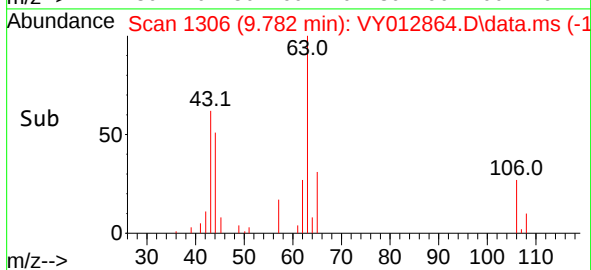
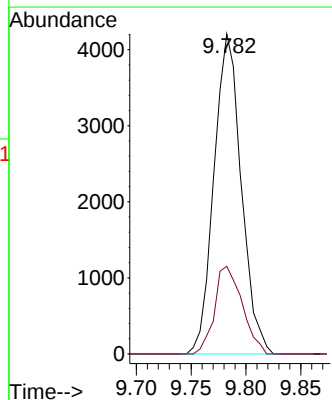
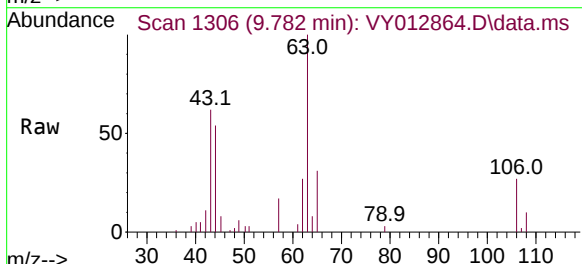
Manual Integrations
APPROVED

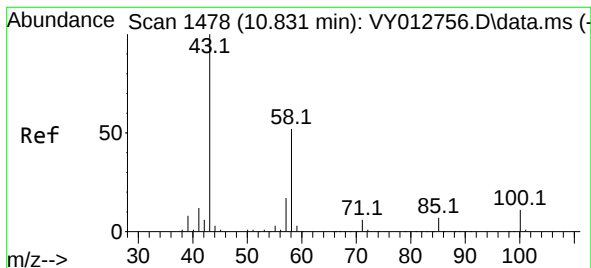
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#58
2-Chloroethyl Vinyl ether
Concen: 11.668 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

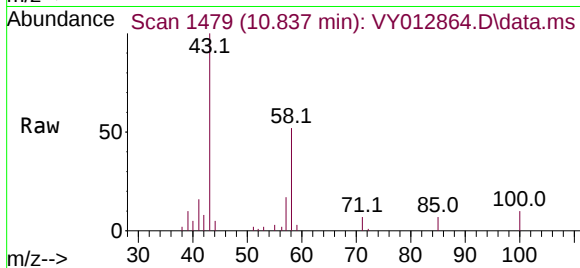
Tgt Ion: 63 Resp: 7272
Ion Ratio Lower Upper
63 100
106 27.8 22.1 33.1





#59
2-Hexanone
Concen: 12.855 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

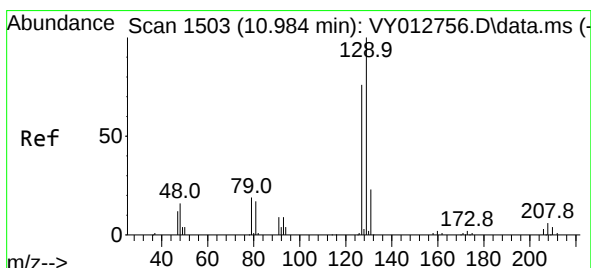
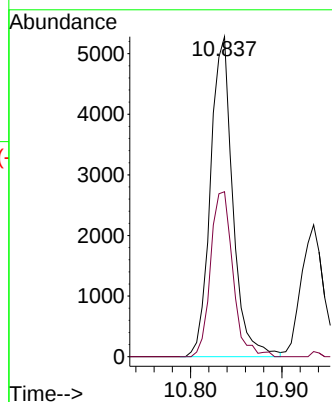
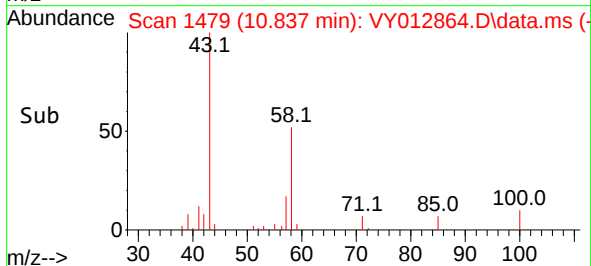
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion: 43 Resp: 8940
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8

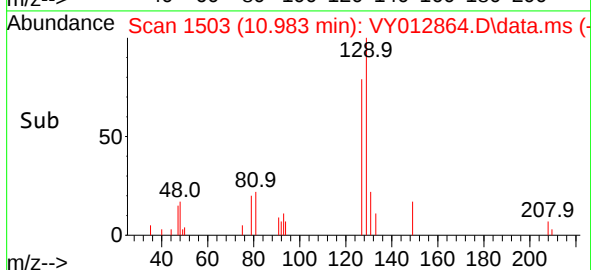
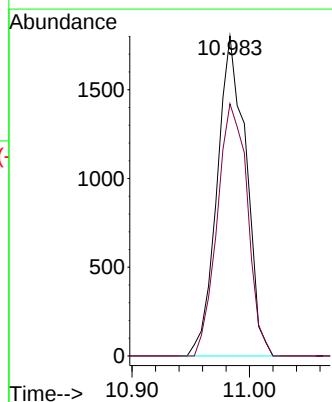
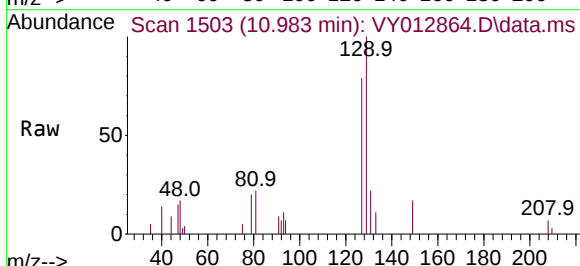
Manual Integrations
APPROVED

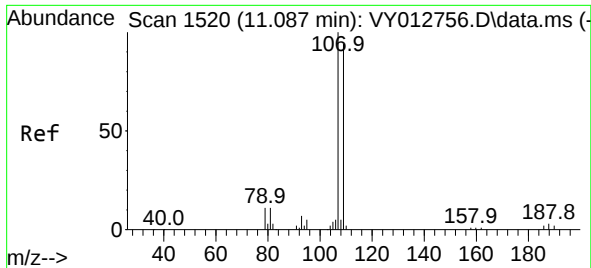
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#60
Dibromochloromethane
Concen: 2.839 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

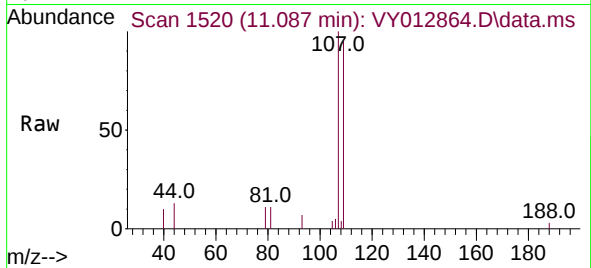
Tgt Ion:129 Resp: 3077
Ion Ratio Lower Upper
129 100
127 82.4 38.7 116.1





#61
1,2-Dibromoethane
Concen: 2.860 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

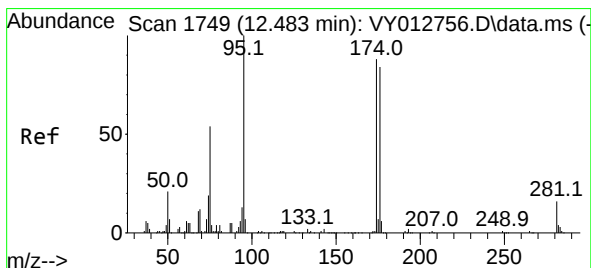
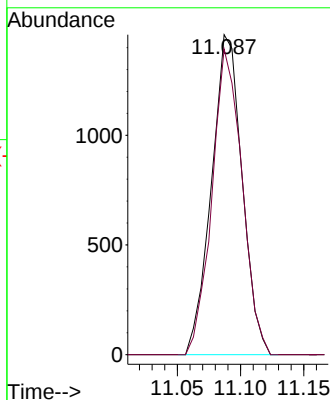
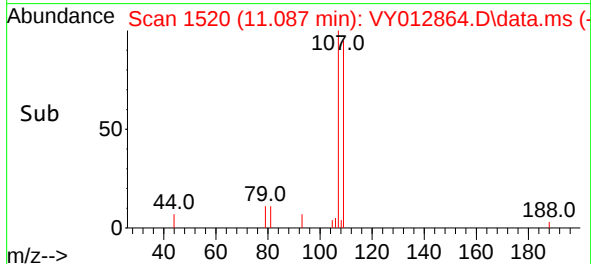
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



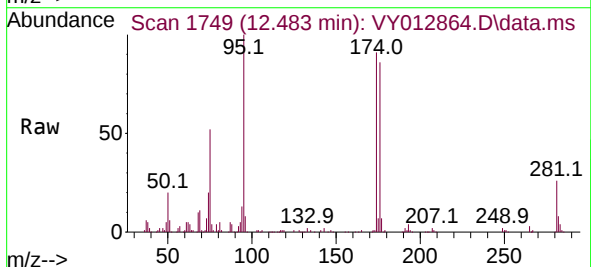
Tgt Ion:107 Resp: 245
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.6

Manual Integrations
APPROVED

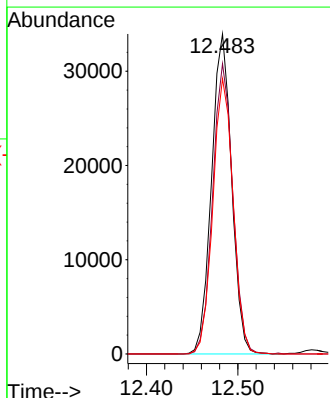
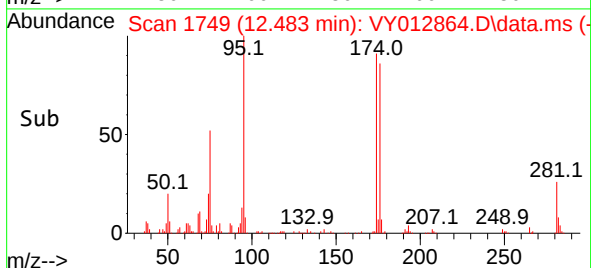
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

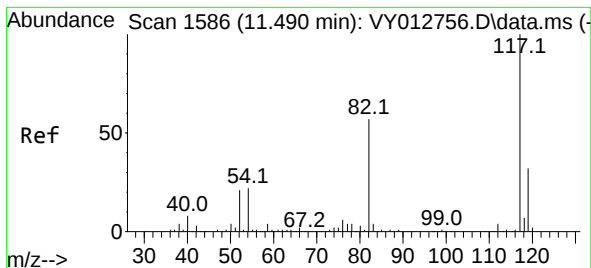


#62
4-Bromofluorobenzene
Concen: 44.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



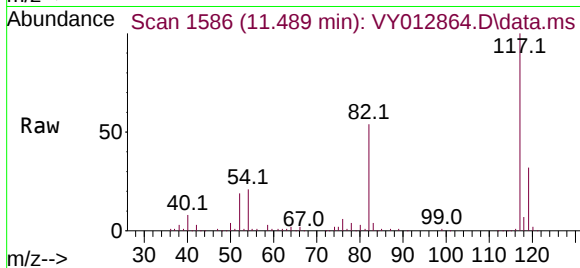
Tgt Ion: 95 Resp: 51745
Ion Ratio Lower Upper
95 100
174 91.2 0.0 176.6
176 86.9 0.0 170.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

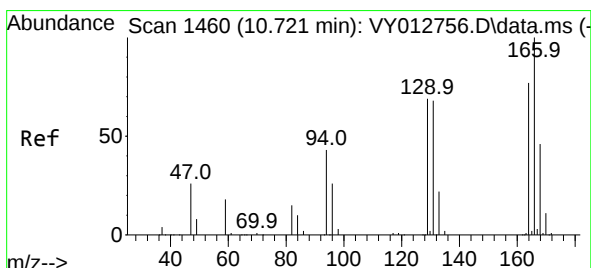
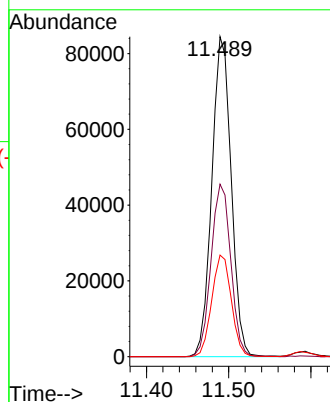
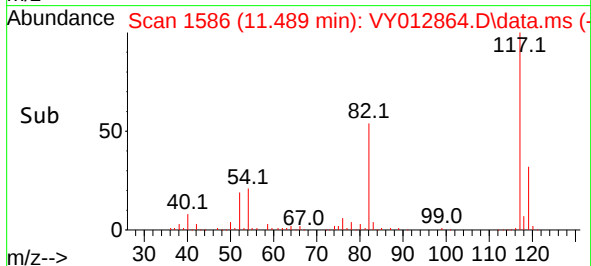
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:117 Resp: 138334
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 31.7 25.6 38.4

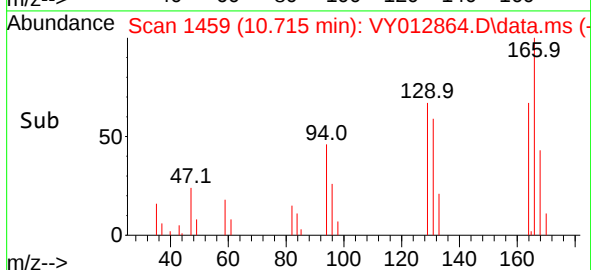
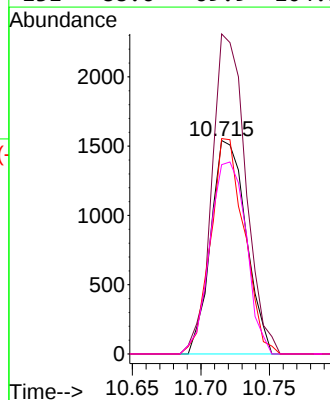
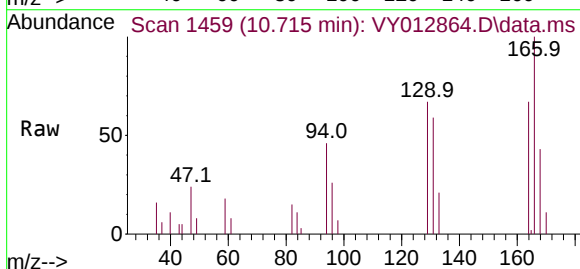
Manual Integrations
APPROVED

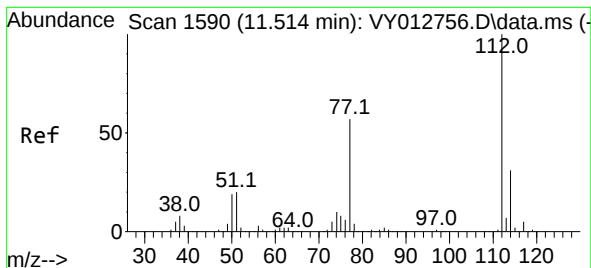
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#64
Tetrachloroethene
Concen: 2.732 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Tgt Ion:164 Resp: 2752
Ion Ratio Lower Upper
164 100
166 149.9 103.4 155.2
129 100.9 71.4 107.2
131 88.6 69.9 104.9





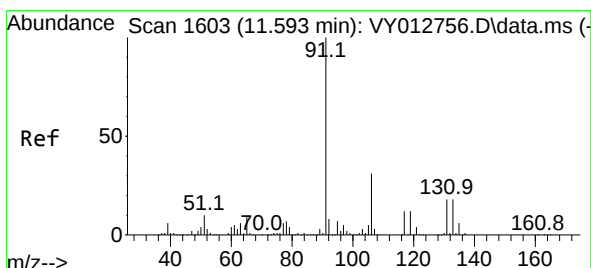
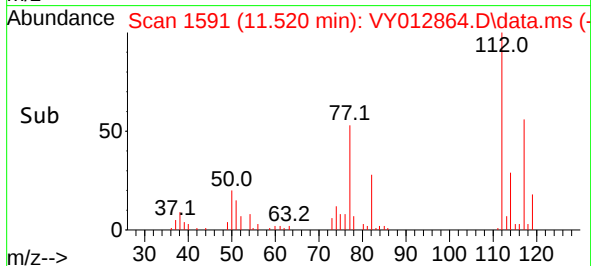
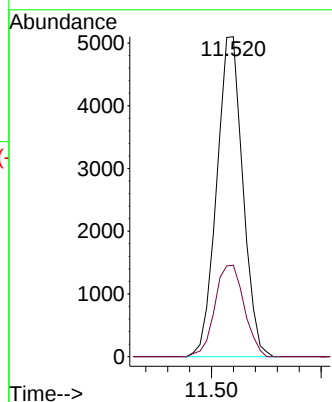
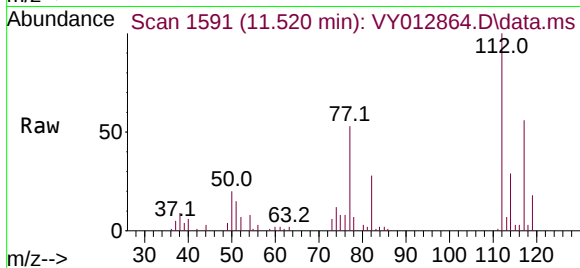
#65
Chlorobenzene
Concen: 2.907 ug/l
RT: 11.520 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:112 Resp: 8439
Ion Ratio Lower Upper
112 100
114 28.6 24.5 36.7

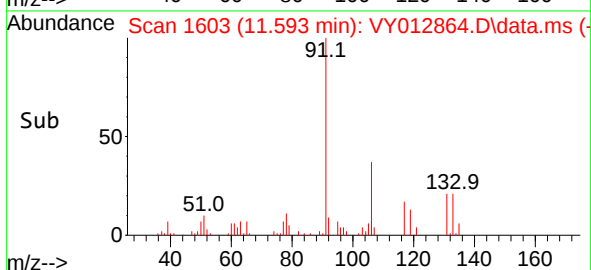
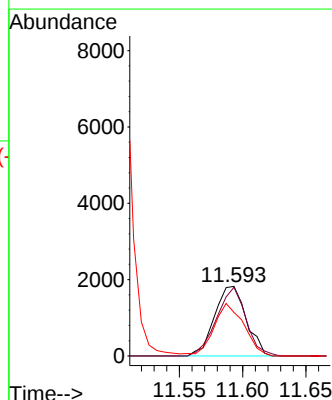
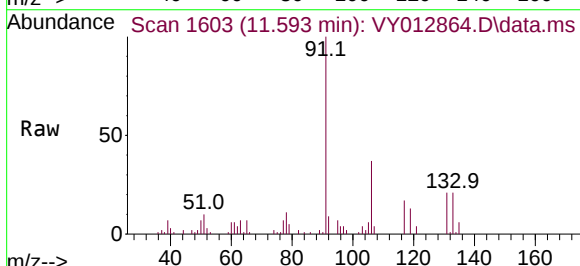
Manual Integrations
APPROVED

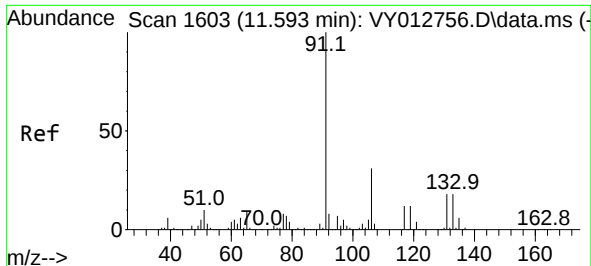
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 2.955 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Tgt Ion:131 Resp: 3175
Ion Ratio Lower Upper
131 100
133 91.3 48.0 144.0
119 71.6 32.6 98.0





#67

Ethyl Benzene

Concen: 2.622 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion: 91 Resp: 1338

Ion Ratio Lower Upper

91 100

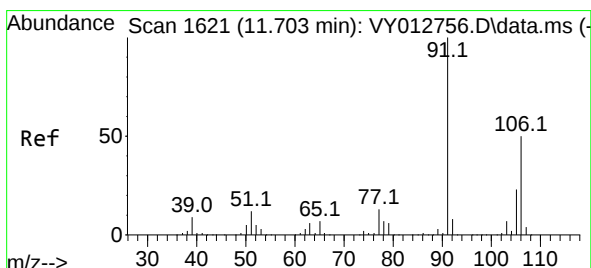
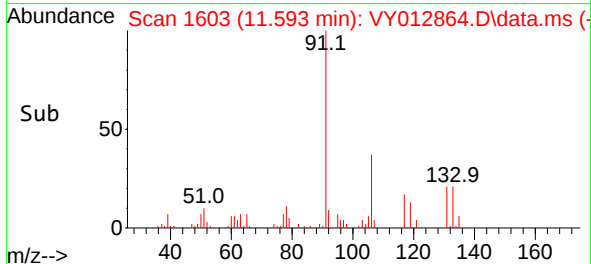
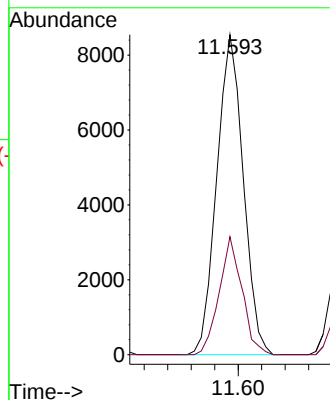
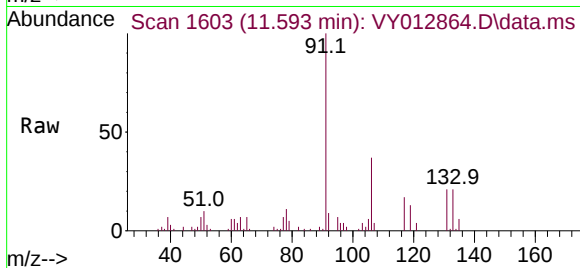
106 36.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#68

m/p-Xylenes

Concen: 4.917 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012864.D

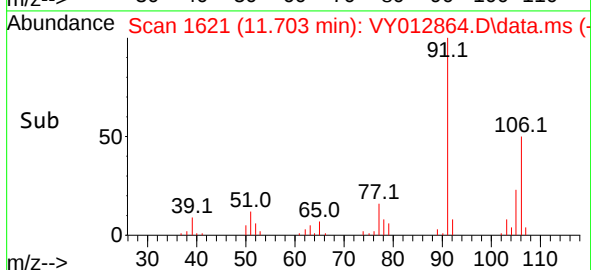
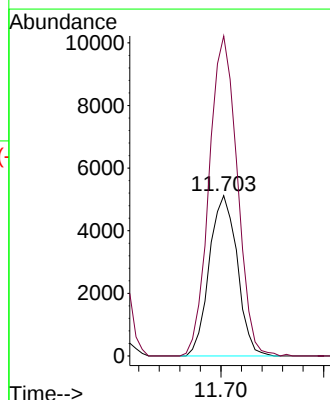
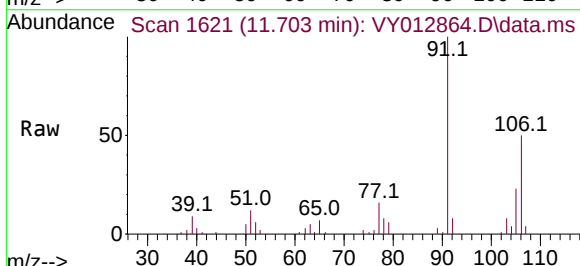
Acq: 08 Mar 2023 12:31

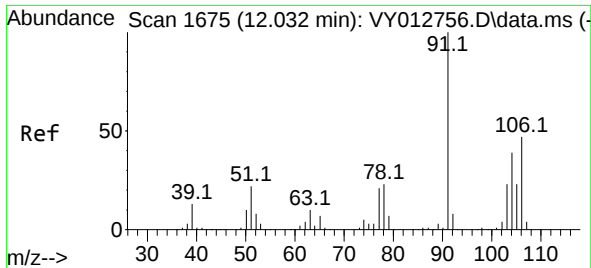
Tgt Ion:106 Resp: 9655

Ion Ratio Lower Upper

106 100

91 201.3 159.8 239.8





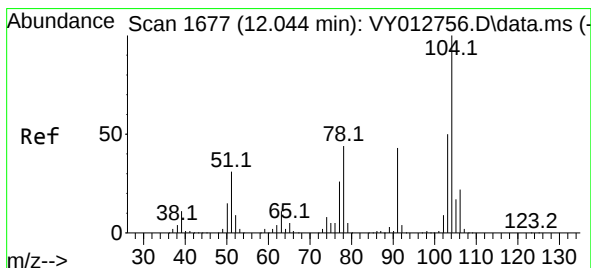
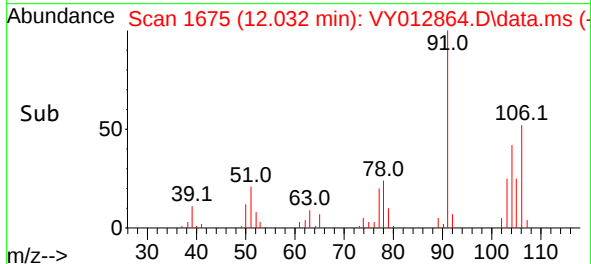
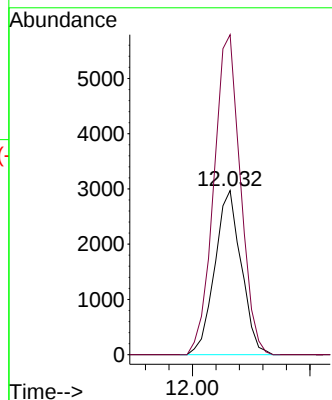
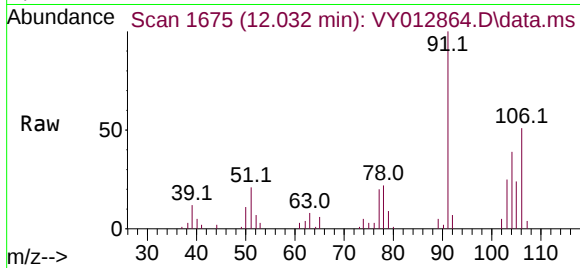
#69
o-Xylene
Concen: 2.538 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2022

Tgt Ion:106 Resp: 465
Ion Ratio Lower Upper
106 100
91 196.0 107.2 321.6

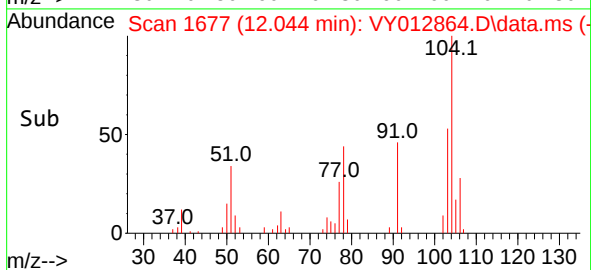
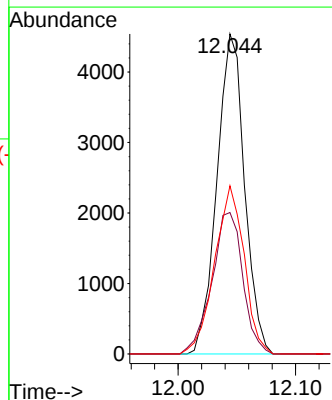
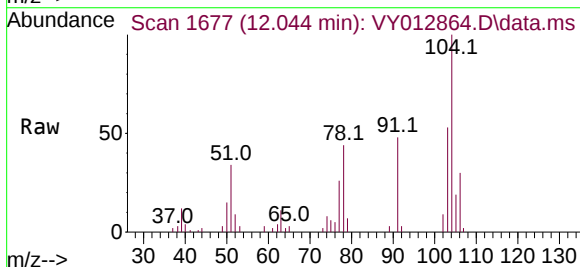
Manual Integrations
APPROVED

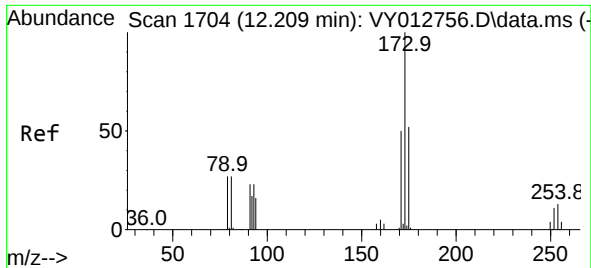
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#70
Styrene
Concen: 2.430 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

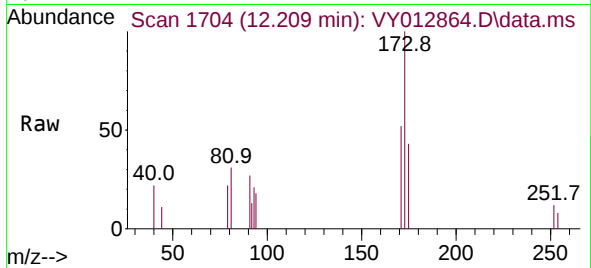
Tgt Ion:104 Resp: 7433
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 56.0 43.7 65.5





#71
Bromoform
Concen: 2.904 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

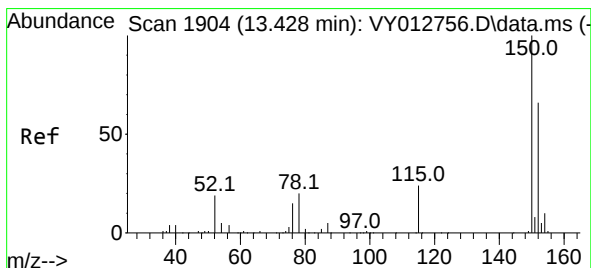
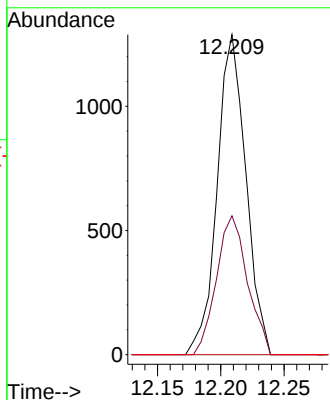
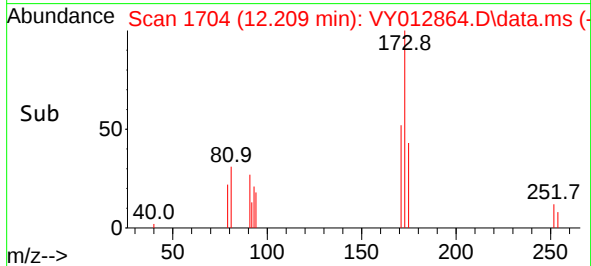
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



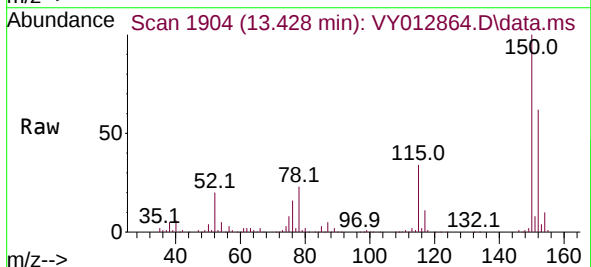
Tgt Ion:173 Resp: 2034
Ion Ratio Lower Upper
173 100
175 46.9 25.0 75.0
254 0.0 0.2 0.2

Manual Integrations
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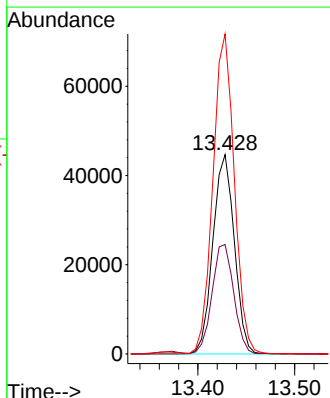
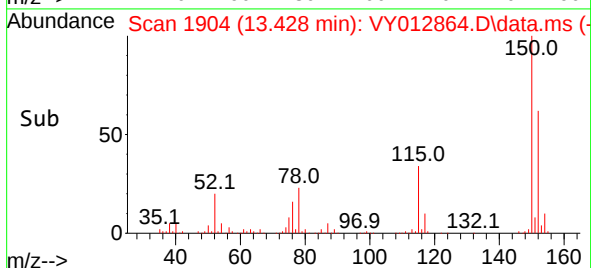
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

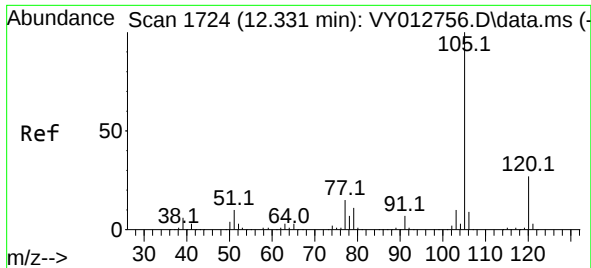


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



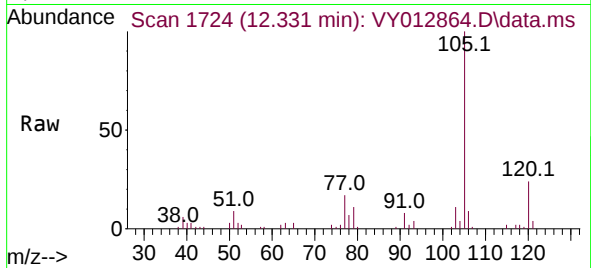
Tgt Ion:152 Resp: 68869
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 160.1 0.0 347.8





#73
Isopropylbenzene
Concen: 2.439 ug/l
RT: 12.331 min Scan# 1190
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

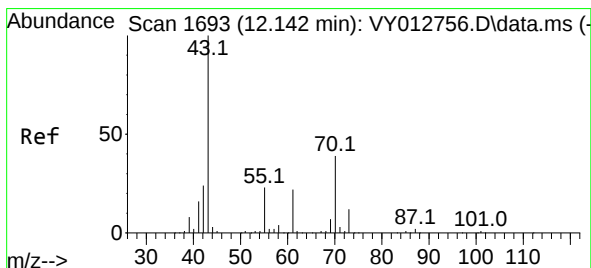
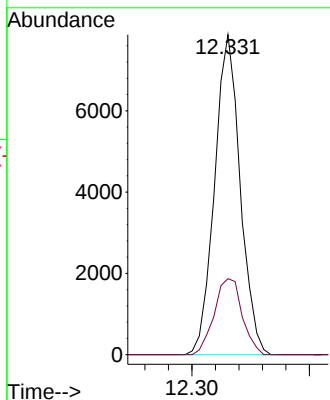
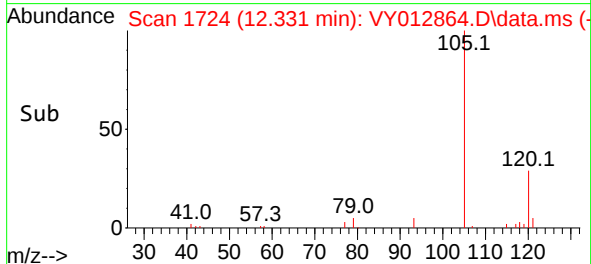
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



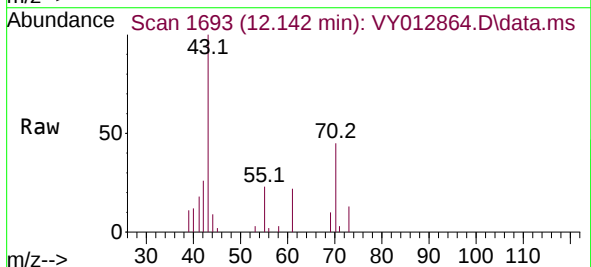
Tgt Ion:105 Resp: 1190
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.2

Manual Integrations
APPROVED

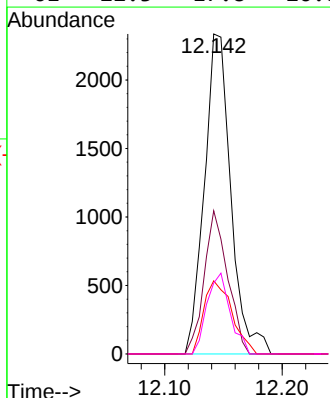
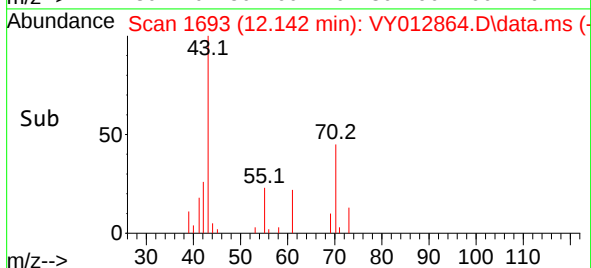
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

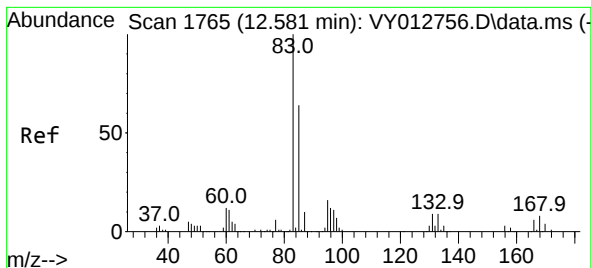


#74
N-ethyl acetate
Concen: 2.376 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



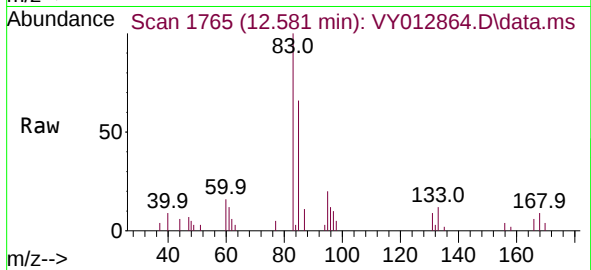
Tgt Ion: 43 Resp: 3649
Ion Ratio Lower Upper
43 100
70 39.7 31.6 47.4
55 24.3 18.8 28.2
61 22.3 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 3.202 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

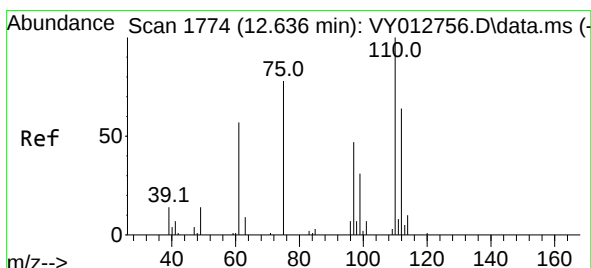
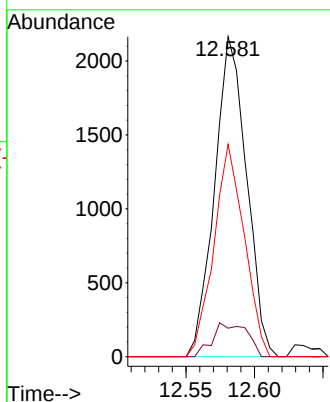
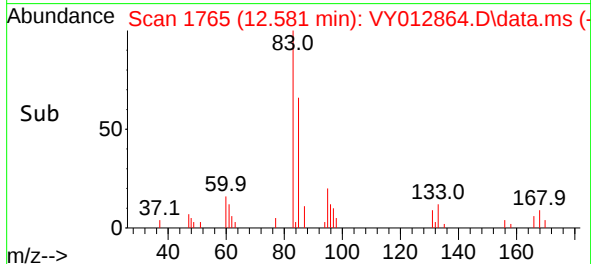
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2022



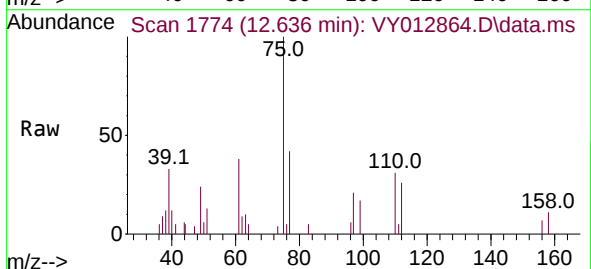
Tgt Ion: 83 Resp: 351
Ion Ratio Lower Upper
83 100
131 11.4 5.1 15.2
85 63.0 31.8 95.3

Manual Integrations
APPROVED

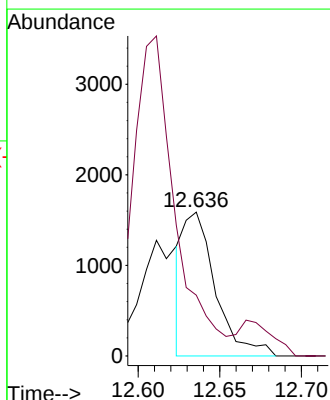
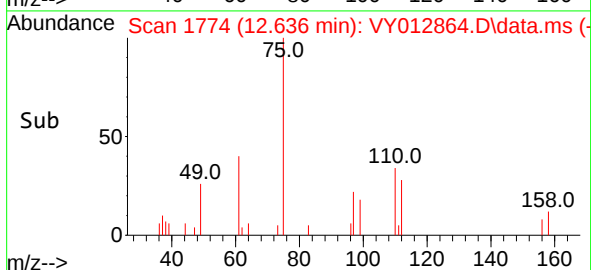
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

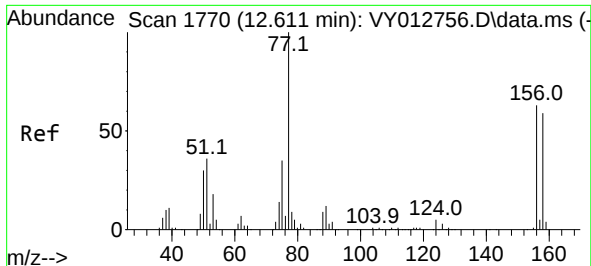


#76
1,2,3-Trichloropropane
Concen: 2.646 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



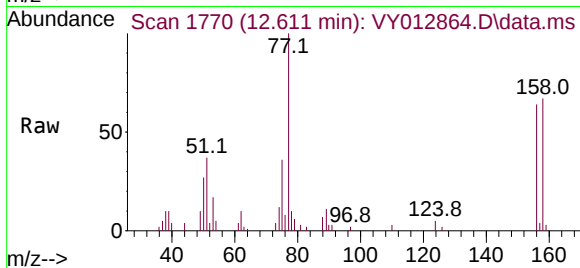
Tgt Ion: 75 Resp: 2176
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 2.991 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

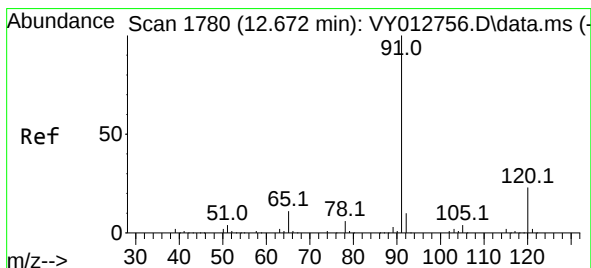
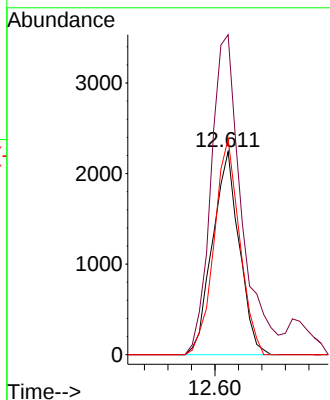
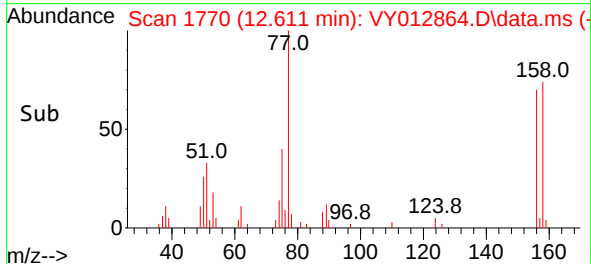
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



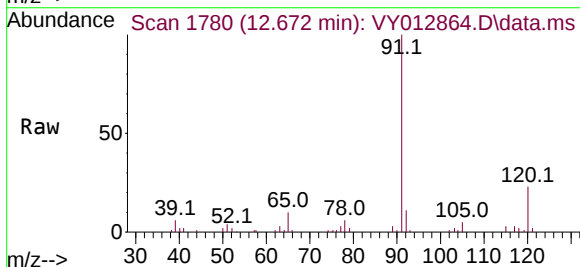
Tgt Ion: 156 Resp: 3540
Ion Ratio Lower Upper
156 100
77 179.5 94.0 282.1
158 101.6 48.1 144.4

Manual Integrations
APPROVED

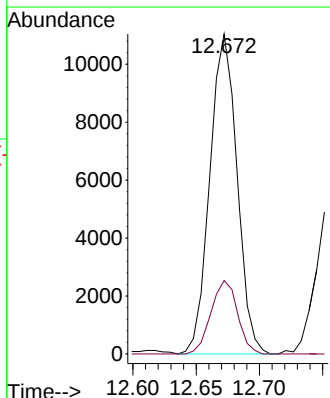
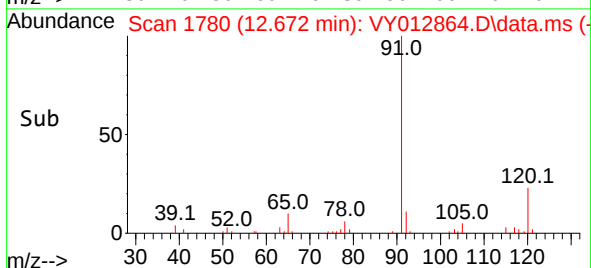
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

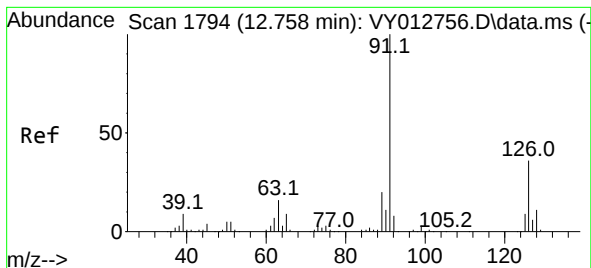


#78
n-propylbenzene
Concen: 2.745 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



Tgt Ion: 91 Resp: 16519
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8





#79

2-Chlorotoluene

Concen: 2.703 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion: 91 Resp: 904

Ion Ratio Lower Upper

91 100

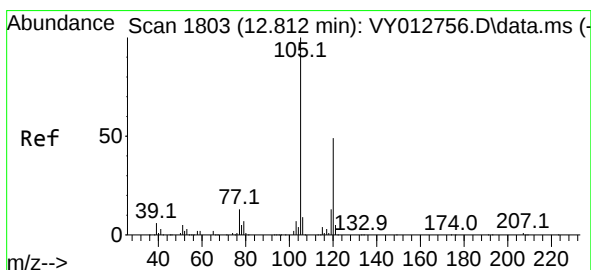
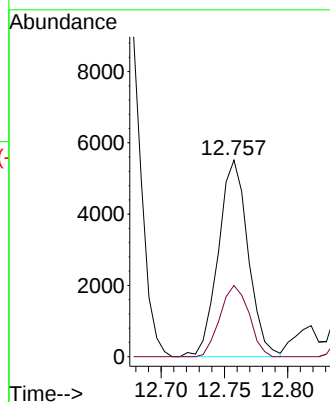
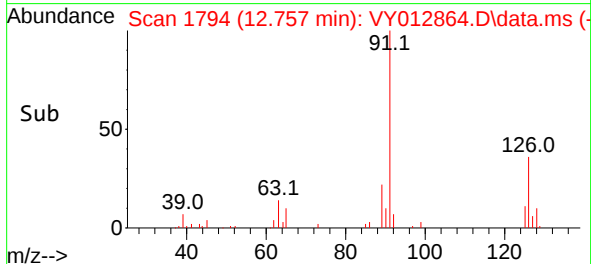
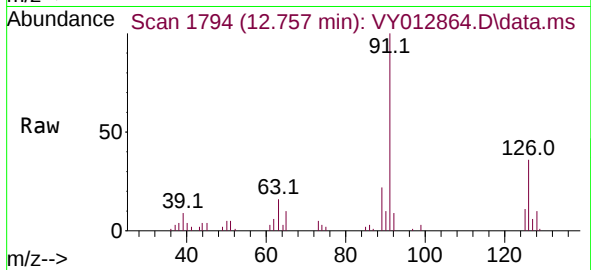
126 35.1 17.4 52.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#80

1,3,5-Trimethylbenzene

Concen: 2.593 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012864.D

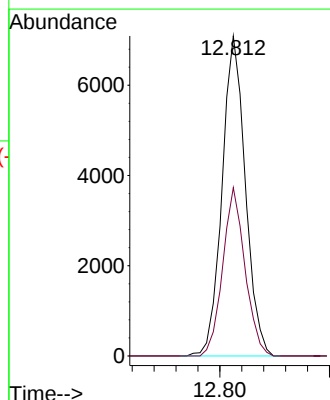
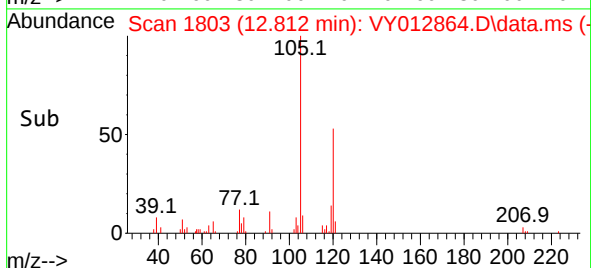
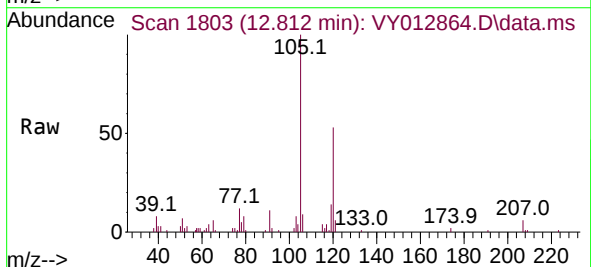
Acq: 08 Mar 2023 12:31

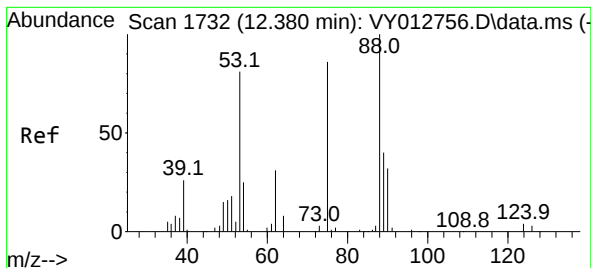
Tgt Ion:105 Resp: 10444

Ion Ratio Lower Upper

105 100

120 50.3 24.8 74.4





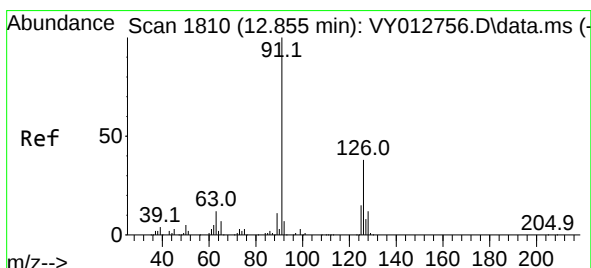
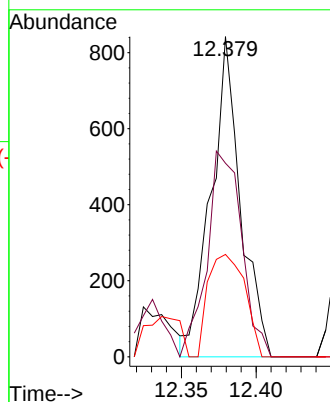
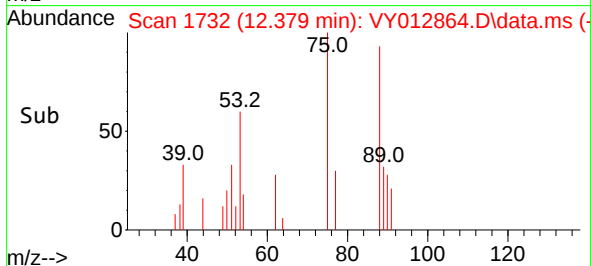
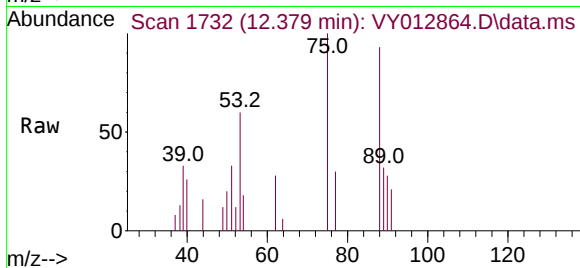
#81
trans-1,4-Dichloro-2-butene
Concen: 2.900 ug/l
RT: 12.379 min Scan# 115
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 75 Resp: 115
Ion Ratio Lower Upper
75 100
53 75.8 73.4 110.0
89 40.1 36.6 55.0

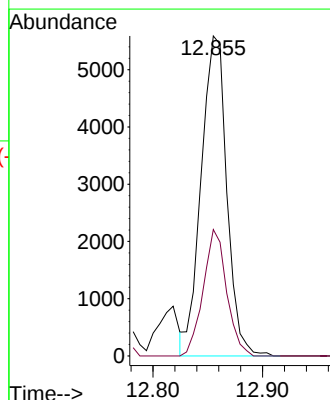
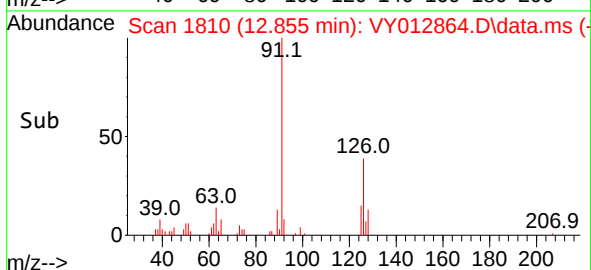
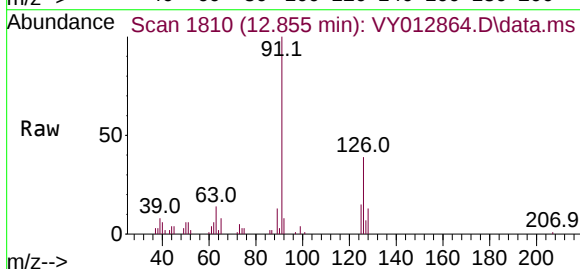
Manual Integrations
APPROVED

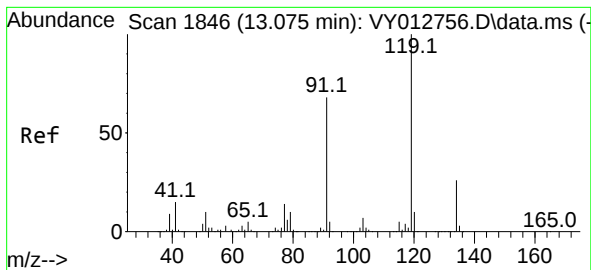
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#82
4-Chlorotoluene
Concen: 2.628 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

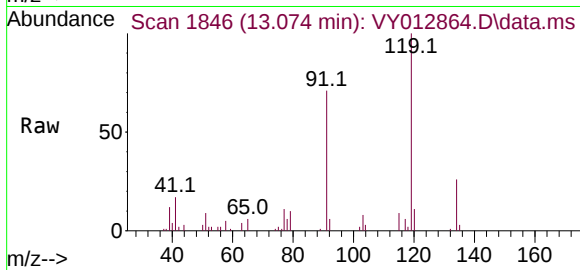
Tgt Ion: 91 Resp: 9099
Ion Ratio Lower Upper
91 100
126 36.0 17.7 53.1





#83
tert-Butylbenzene
Concen: 2.546 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

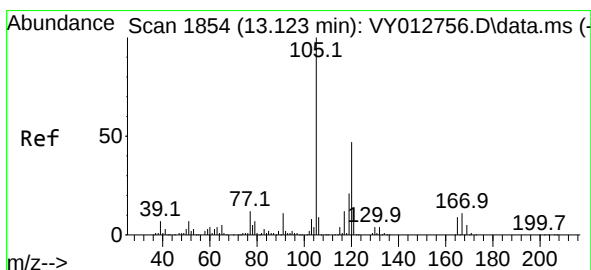
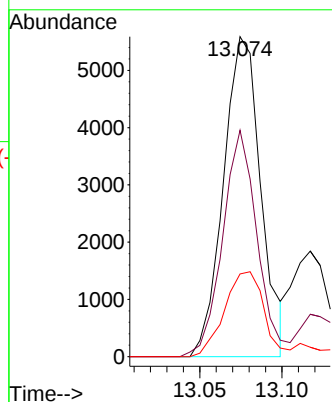
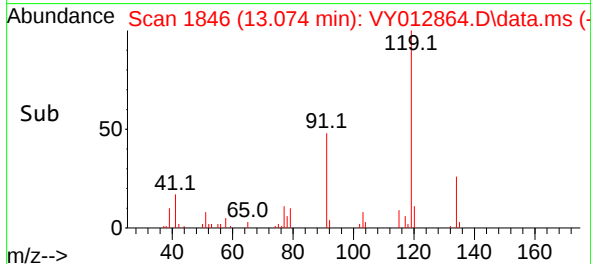
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2022



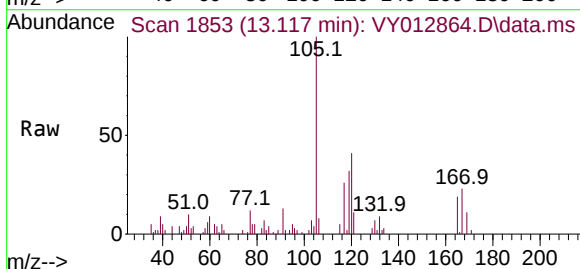
Tgt Ion:119 Resp: 885
Ion Ratio Lower Upper
119 100
91 65.5 32.8 98.3
134 28.0 13.6 40.8

Manual Integrations
APPROVED

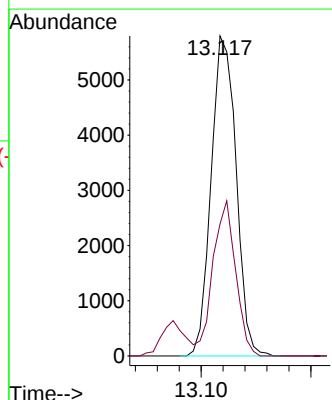
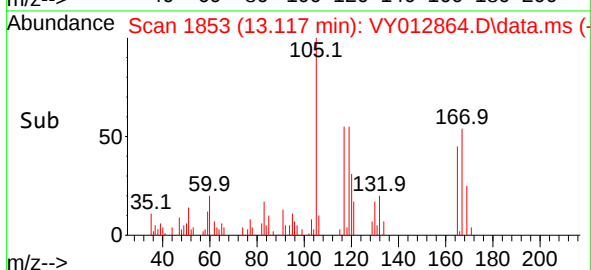
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

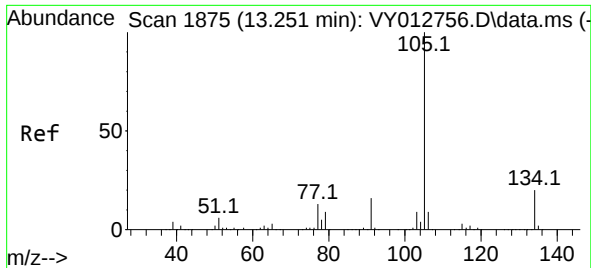


#84
1,2,4-Trimethylbenzene
Concen: 2.328 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31



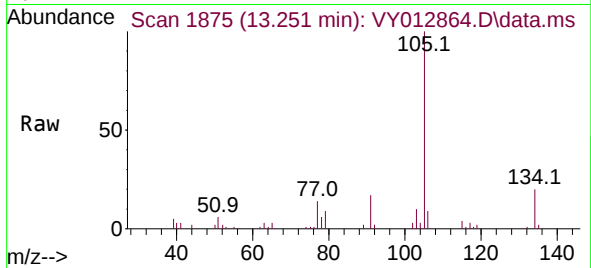
Tgt Ion:105 Resp: 9169
Ion Ratio Lower Upper
105 100
120 44.3 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 2.496 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY012864.D
 Acq: 08 Mar 2023 12:31

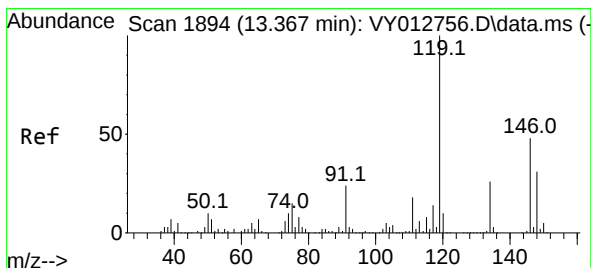
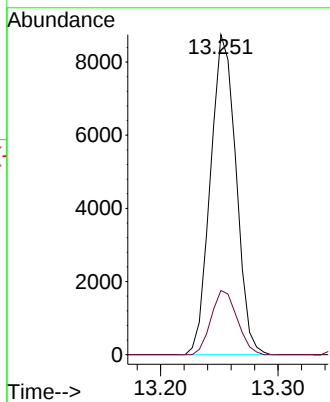
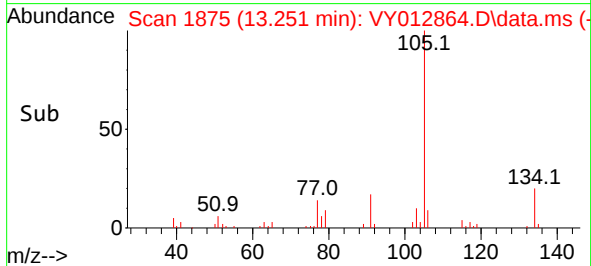
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2022



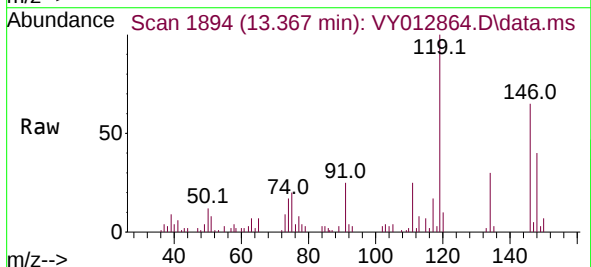
Tgt Ion:105 Resp: 13240
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

Manual Integrations
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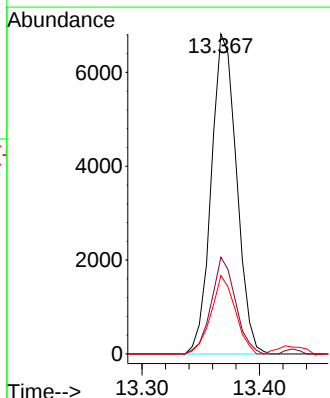
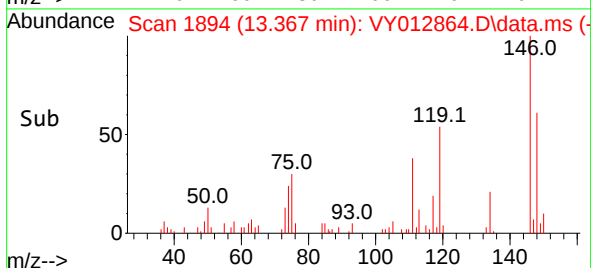
Reviewed By :Krupa Patel 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

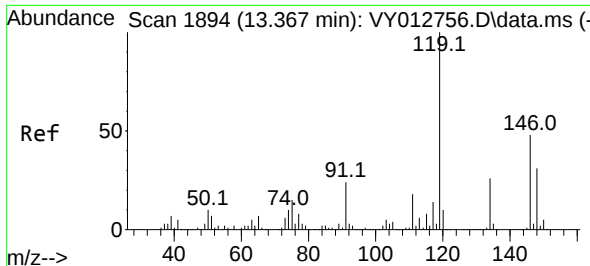


#86
 p-Isopropyltoluene
 Concen: 2.354 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY012864.D
 Acq: 08 Mar 2023 12:31



Tgt Ion:119 Resp: 10204
 Ion Ratio Lower Upper
 119 100
 134 29.0 13.2 39.6
 91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 2.893 ug/l

RT: 13.367 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

Tgt Ion:146 Resp: 6610

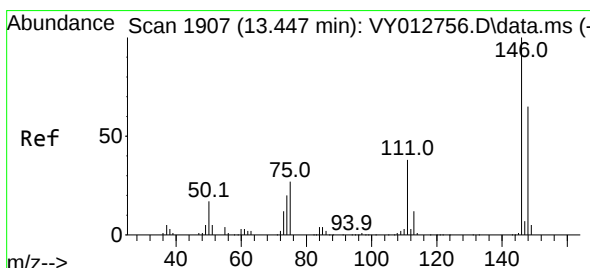
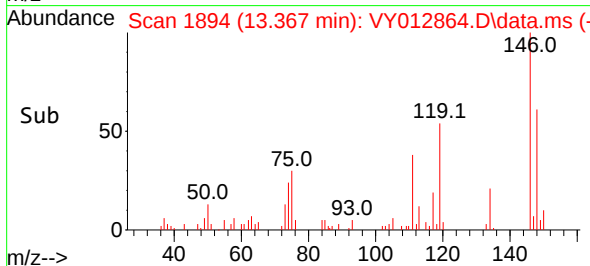
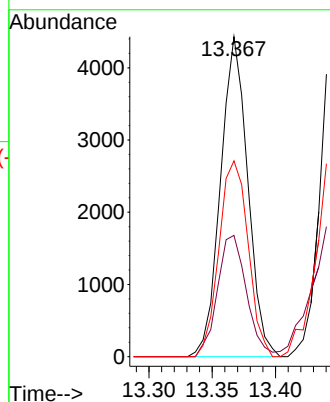
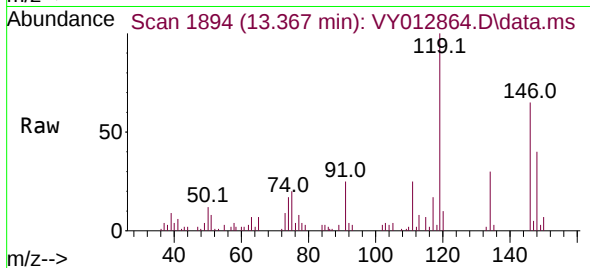
Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.1	57.5
148	65.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#88

1,4-Dichlorobenzene

Concen: 3.032 ug/l

RT: 13.446 min Scan# 1907

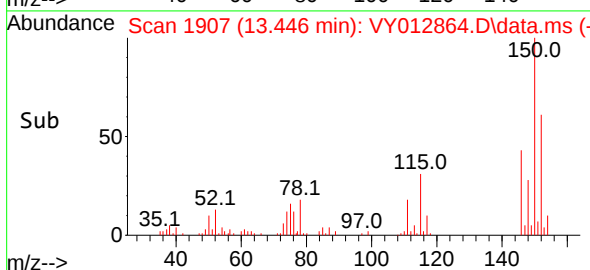
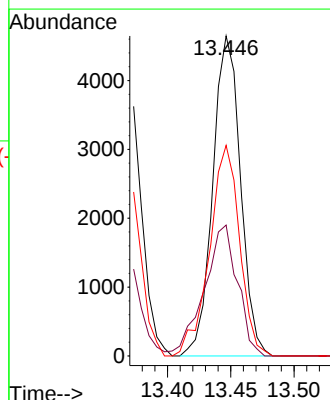
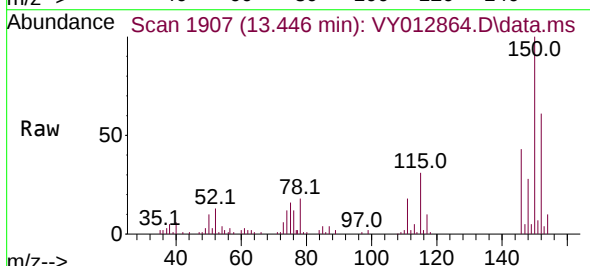
Delta R.T. -0.000 min

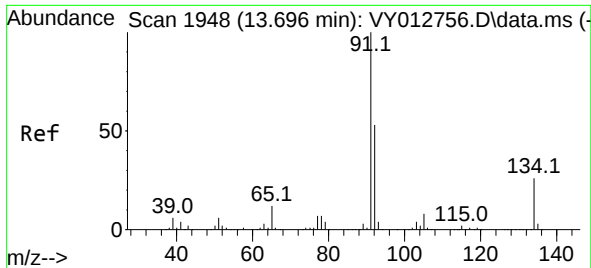
Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Tgt Ion:146 Resp: 7077

Ion	Ratio	Lower	Upper
146	100		
111	49.3	18.6	55.8
148	71.4	31.5	94.5





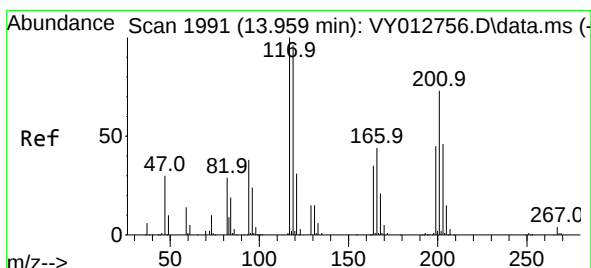
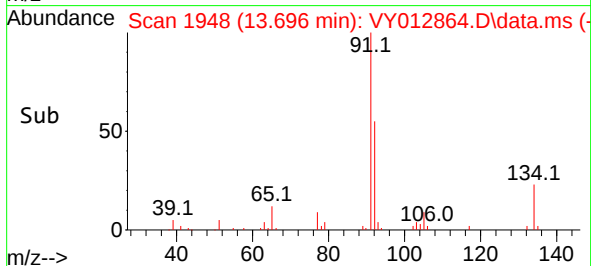
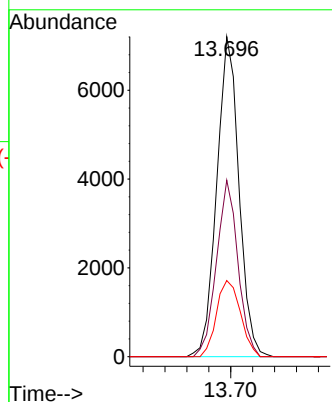
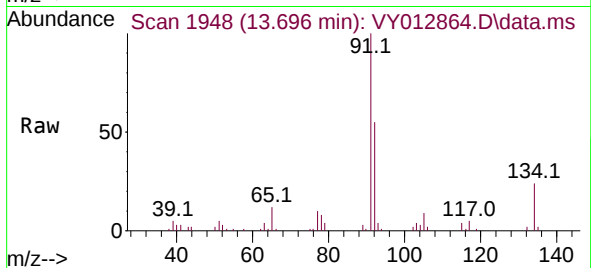
#89
n-Butylbenzene
Concen: 2.444 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2022

Tgt Ion: 91 Resp: 1014
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.0
134 25.7 13.0 38.9

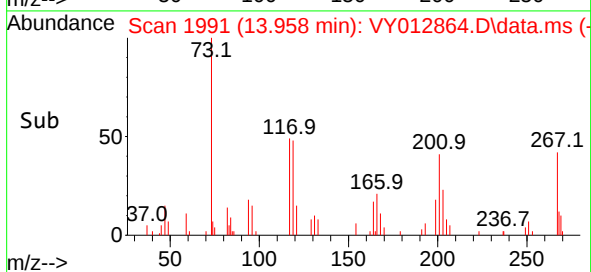
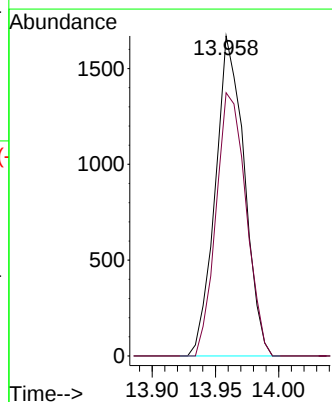
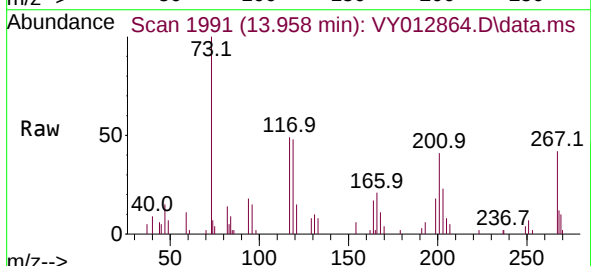
Manual Integrations
APPROVED

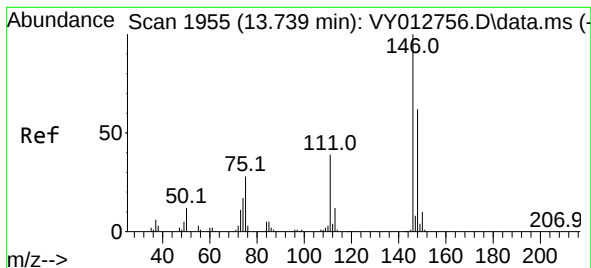
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#90
Hexachloroethane
Concen: 2.943 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Tgt Ion:117 Resp: 2657
Ion Ratio Lower Upper
117 100
201 85.2 39.4 118.1





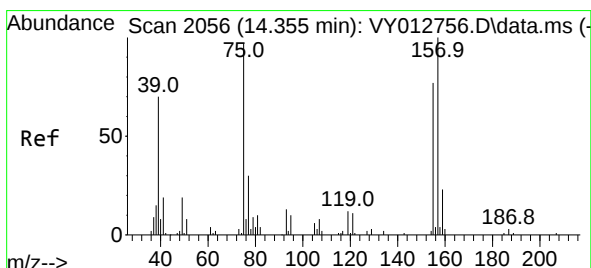
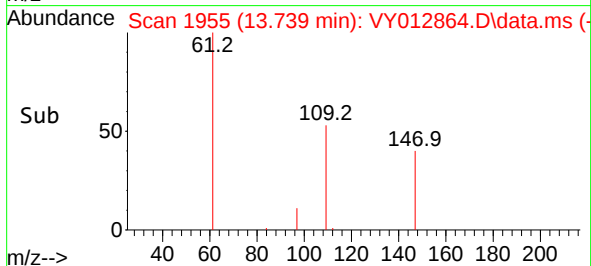
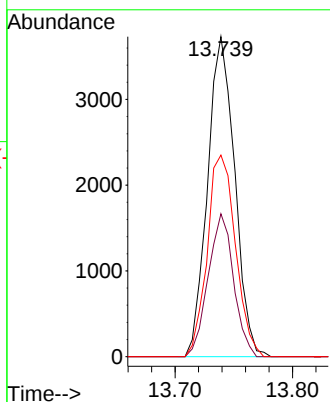
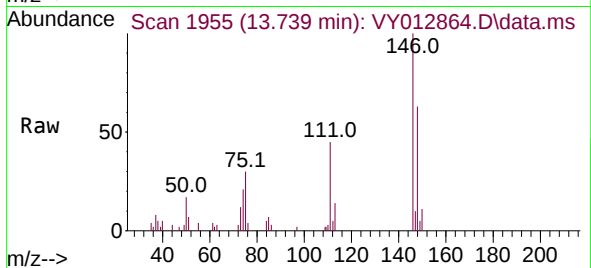
#91
1,2-Dichlorobenzene
Concen: 2.902 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2022

Tgt Ion:146 Resp: 6000
Ion Ratio Lower Upper
146 100
111 41.7 19.7 59.1
148 65.5 31.9 95.5

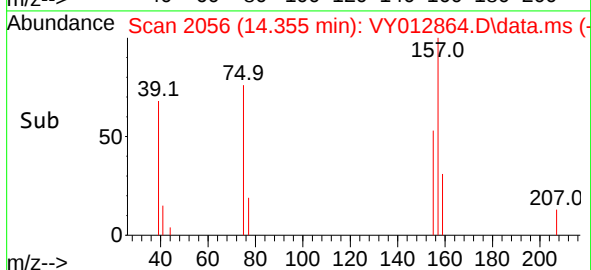
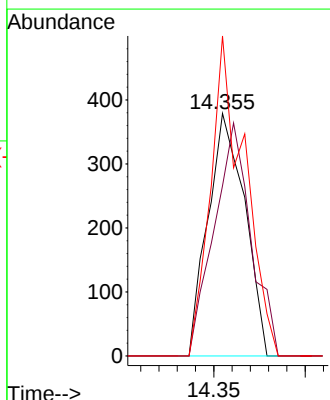
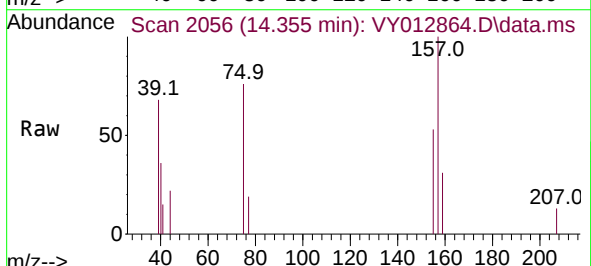
Manual Integrations
APPROVED

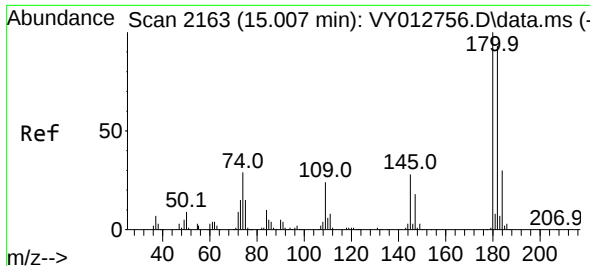
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.983 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

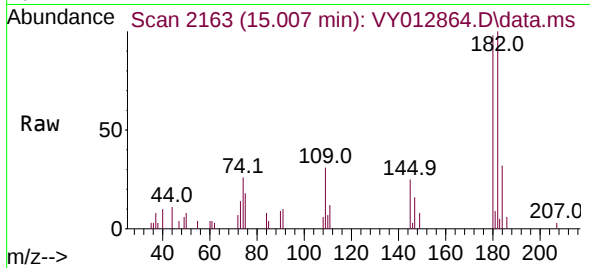
Tgt Ion: 75 Resp: 529
Ion Ratio Lower Upper
75 100
155 96.2 43.8 131.4
157 121.7 54.1 162.3





#93
1,2,4-Trichlorobenzene
Concen: 2.575 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

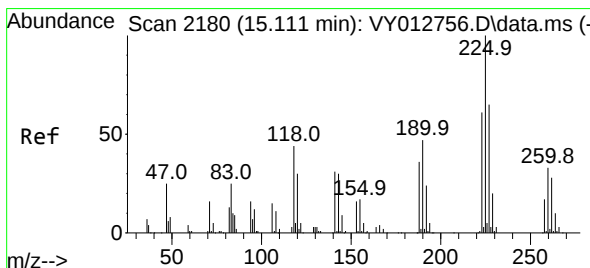
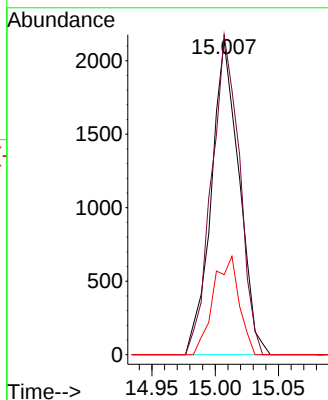
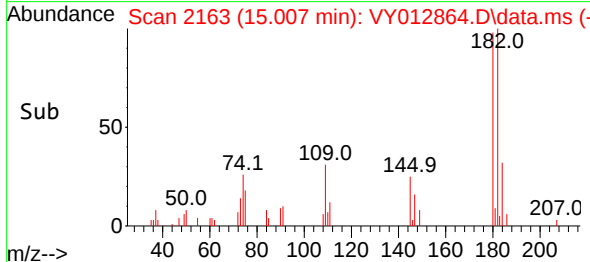
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022



Tgt Ion:180 Resp: 327
Ion Ratio Lower Upper
180 100
182 101.6 46.7 140.1
145 29.0 14.6 43.8

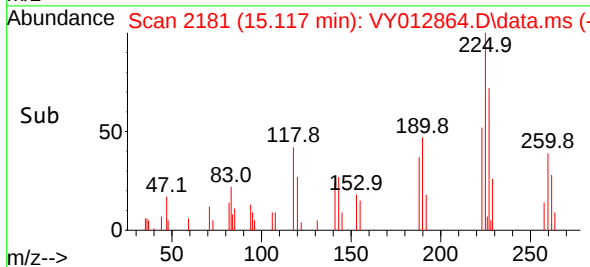
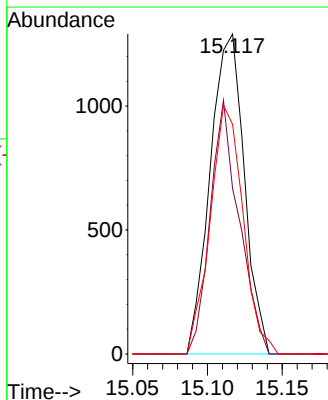
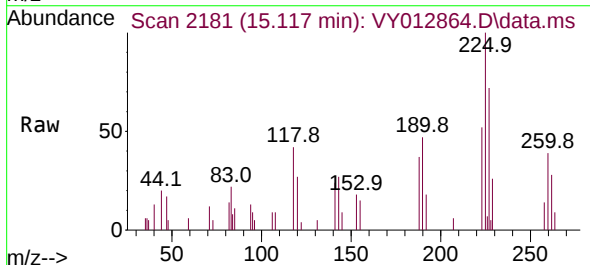
Manual Integrations
APPROVED

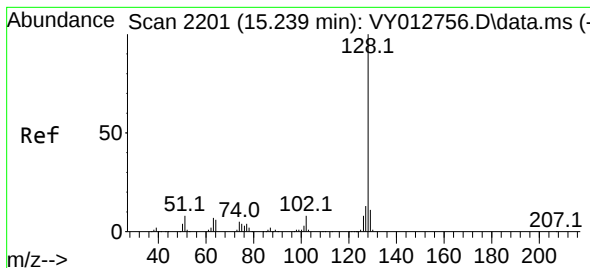
Reviewed By :Krupa Patel 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#94
Hexachlorobutadiene
Concen: 2.636 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY012864.D
Acq: 08 Mar 2023 12:31

Tgt Ion:225 Resp: 2046
Ion Ratio Lower Upper
225 100
223 67.1 31.1 93.3
227 74.6 32.4 97.0





#95

Naphthalene

Concen: 2.516 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

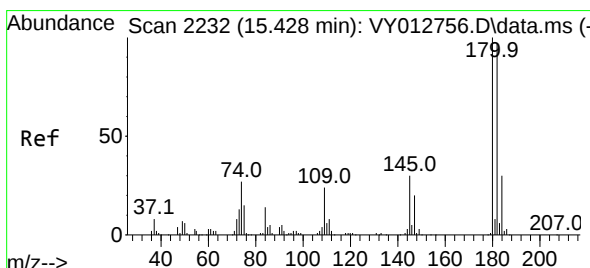
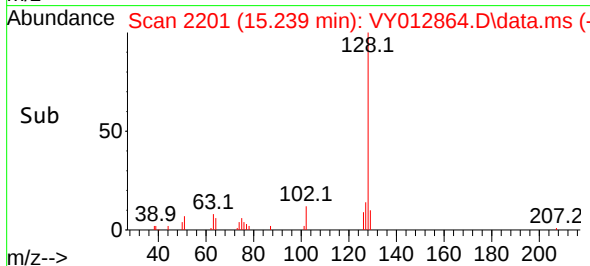
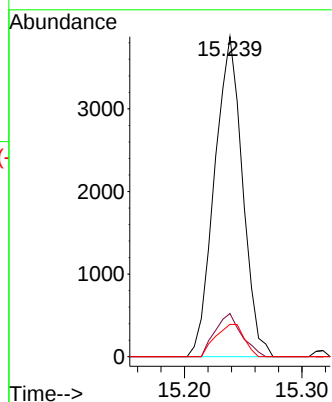
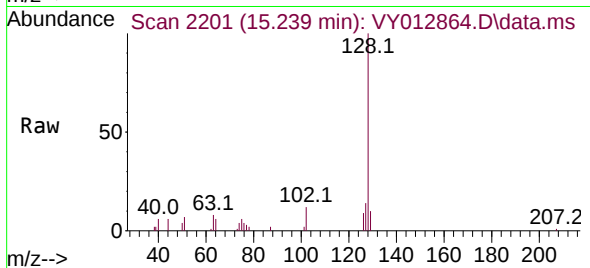
Tgt Ion:	128	Resp:	6418
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.3	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#96

1,2,3-Trichlorobenzene

Concen: 2.601 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY012864.D

Acq: 08 Mar 2023 12:31

Tgt Ion:	180	Resp:	2944
Ion Ratio	Lower	Upper	
180	100		
182	106.4	47.4	142.3
145	32.3	15.3	45.8

