

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009269.D
 Acq On : 22 Jun 2022 13:13
 Operator : KP/MD
 Sample : N3214-03 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

Quant Time: Jun 23 08:24:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 08:23:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	147202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80842	50.005	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.020%			
35) Dibromofluoromethane	7.716	113	78529	49.352	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.700%			
50) Toluene-d8	10.179	98	296186	48.455	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.920%			
62) 4-Bromofluorobenzene	12.477	95	103084	47.993	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	3354	3.110	ug/l	91
3) Chloromethane	2.107	50	4182	3.159	ug/l #	81
4) Vinyl Chloride	2.247	62	4045	2.751	ug/l	94
5) Bromomethane	2.644	94	3122	3.045	ug/l	100
6) Chloroethane	2.790	64	2724	2.783	ug/l	89
7) Trichlorofluoromethane	3.125	101	6286	2.694	ug/l	93
8) Diethyl Ether	3.527	74	2332	2.721	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	4298	2.896	ug/l	96
10) Methyl Iodide	4.082	142	4269	2.356	ug/l	88
11) Tert butyl alcohol	4.936	59	6900	22.802	ug/l #	77
12) 1,1-Dichloroethene	3.863	96	4073	2.888	ug/l #	78
13) Acrolein	3.729	56	744	11.080	ug/l	85
14) Allyl chloride	4.479	41	6790	2.680	ug/l	96
15) Acrylonitrile	5.149	53	7042m	14.735	ug/l	
16) Acetone	3.948	43	6782	16.979	ug/l	100
17) Carbon Disulfide	4.186	76	9106	2.324	ug/l #	88
18) Methyl Acetate	4.466	43	6323	4.613	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	11136	2.627	ug/l	91
20) Methylene Chloride	4.716	84	12454	4.710	ug/l #	86
21) trans-1,2-Dichloroethene	5.210	96	4897	2.930	ug/l #	76
22) Diisopropyl ether	6.118	45	14329	2.691	ug/l	92
23) Vinyl Acetate	6.058	43	35595	10.887	ug/l #	90
24) 1,1-Dichloroethane	6.009	63	8442	2.801	ug/l	96
25) 2-Butanone	6.984	43	9937	15.405	ug/l	95
26) 2,2-Dichloropropane	6.984	77	8277	2.921	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	5245	2.677	ug/l	93
28) Bromochloromethane	7.332	49	3563	2.740	ug/l #	83
29) Tetrahydrofuran	7.338	42	6267	15.341	ug/l	94
30) Chloroform	7.496	83	8788	2.832	ug/l	85
31) Cyclohexane	7.783	56	10042	3.578	ug/l #	61
32) 1,1,1-Trichloroethane	7.697	97	7768	2.868	ug/l	94
36) 1,1-Dichloropropene	7.911	75	6617	2.733	ug/l	99
37) Ethyl Acetate	7.076	43	4331	2.958	ug/l	99
38) Carbon Tetrachloride	7.899	117	6724	2.670	ug/l #	90
39) Methylcyclohexane	9.185	83	7832	2.636	ug/l #	82
40) Benzene	8.155	78	19136	2.671	ug/l	98

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 Quant Title : SW846 8260
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Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	2580m	3.178	ug/l	
42) 1,2-Dichloroethane	8.234	62	5537	2.694	ug/l	90
43) Isopropyl Acetate	8.264	43	8200	3.056	ug/l #	84
44) Trichloroethene	8.935	130	5575	2.763	ug/l	96
45) 1,2-Dichloropropane	9.209	63	4860	2.633	ug/l	98
46) Dibromomethane	9.301	93	2930	2.792	ug/l	93
47) Bromodichloromethane	9.496	83	6421	2.576	ug/l	89
48) Methyl methacrylate	9.289	41	3277	2.786	ug/l	91
49) 1,4-Dioxane	9.301	88	916	60.737	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	20666	14.807	ug/l	100
52) Toluene	10.240	92	12021	2.655	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	6627	2.557	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	7456	2.528	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	4126	2.801	ug/l	93
56) Ethyl methacrylate	10.508	69	5120	2.627	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	6444	2.556	ug/l #	87
58) 2-Chloroethyl Vinyl ether	9.782	63	12384	14.814	ug/l	100
59) 2-Hexanone	10.831	43	12955	13.715	ug/l	97
60) Dibromochloromethane	10.983	129	4917	2.737	ug/l	94
61) 1,2-Dibromoethane	11.087	107	3940	2.743	ug/l	98
64) Tetrachloroethene	10.715	164	6343	2.979	ug/l	96
65) Chlorobenzene	11.514	112	14346	2.885	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.593	131	4554	2.505	ug/l	88
67) Ethyl Benzene	11.587	91	23247	2.698	ug/l	94
68) m/p-Xylenes	11.697	106	18421	5.448	ug/l	88
69) o-Xylene	12.026	106	8124	2.527	ug/l	92
70) Styrene	12.044	104	12952	2.429	ug/l	95
71) Bromoform	12.203	173	2992	2.663	ug/l #	98
73) Isopropylbenzene	12.331	105	20796	2.429	ug/l	98
74) N-amyl acetate	12.142	43	6126	2.679	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	4645	2.852	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	3593m	2.808	ug/l	
77) Bromobenzene	12.605	156	5774	2.777	ug/l	96
78) n-propylbenzene	12.666	91	27256	2.642	ug/l	97
79) 2-Chlorotoluene	12.758	91	15736	2.708	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	17262	2.429	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.373	75	1523m	2.524	ug/l	
82) 4-Chlorotoluene	12.855	91	16043	2.647	ug/l	96
83) tert-Butylbenzene	13.075	119	16125	2.601	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	17672	2.537	ug/l	97
85) sec-Butylbenzene	13.251	105	23918	2.578	ug/l	96
86) p-Isopropyltoluene	13.367	119	19390	2.514	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	11875	2.954	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	11562	2.867	ug/l	90
89) n-Butylbenzene	13.696	91	18350	2.555	ug/l	95
90) Hexachloroethane	13.959	117	4101	2.803	ug/l	86
91) 1,2-Dichlorobenzene	13.733	146	10132	2.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	956	3.295	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	5658	2.561	ug/l	97
94) Hexachlorobutadiene	15.117	225	3491	2.937	ug/l	97
95) Naphthalene	15.239	128	10668	2.407	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	5173	2.739	ug/l	97

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MDL-SOIL-03-QT2-2022

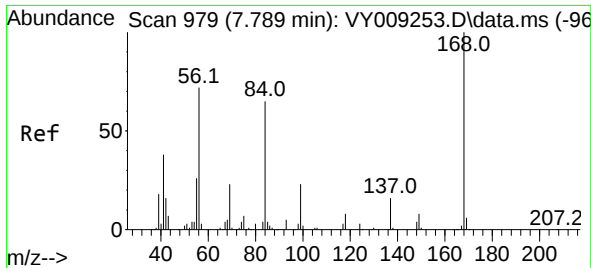
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 08:24:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 23 08:23:20 2022
Response via : Initial Calibration

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



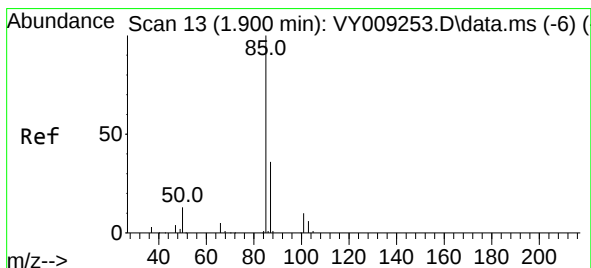
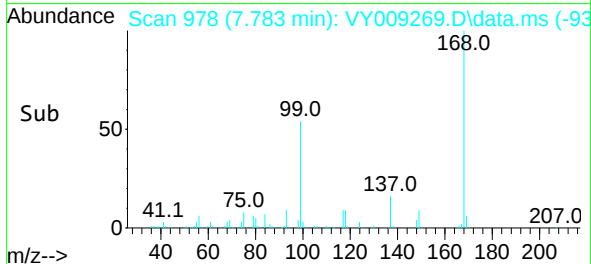
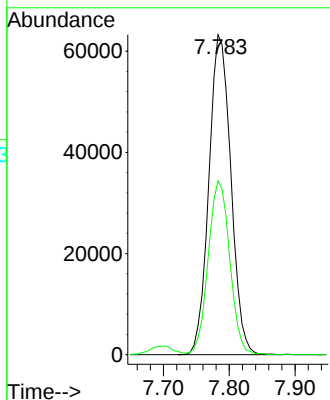
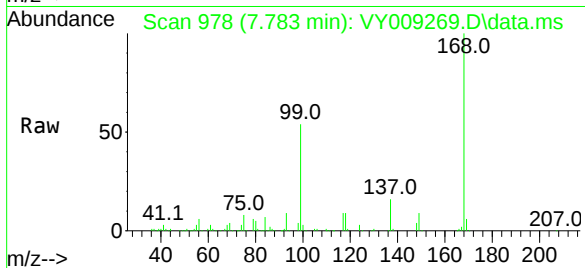
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:168 Resp: 14720
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3

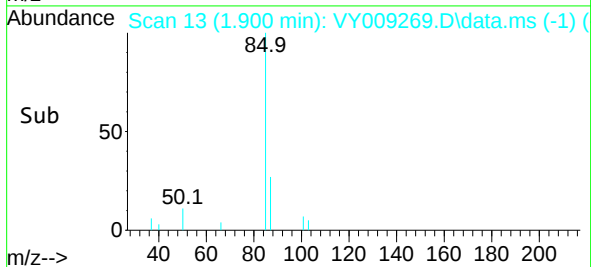
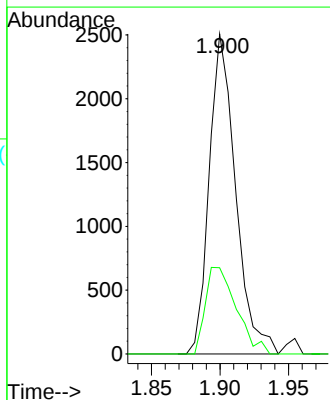
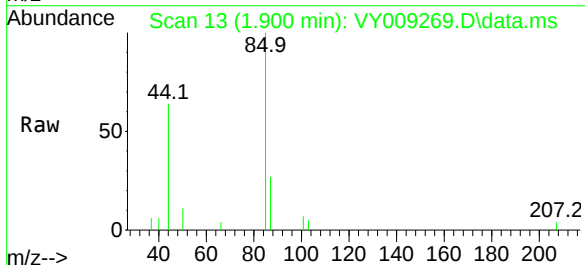
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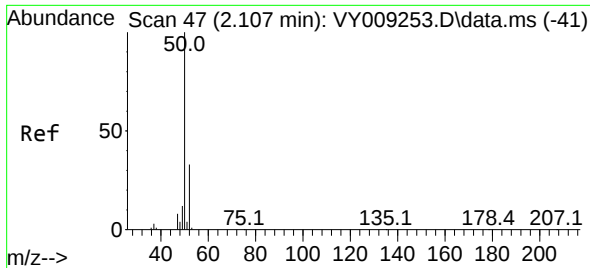
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#2
Dichlorodifluoromethane
Concen: 3.110 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

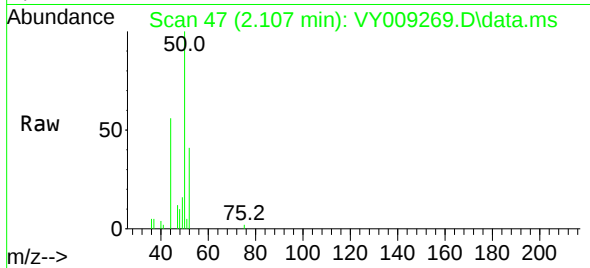
Tgt Ion: 85 Resp: 3354
Ion Ratio Lower Upper
85 100
87 27.0 16.1 48.2





#3
Chloromethane
Concen: 3.159 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

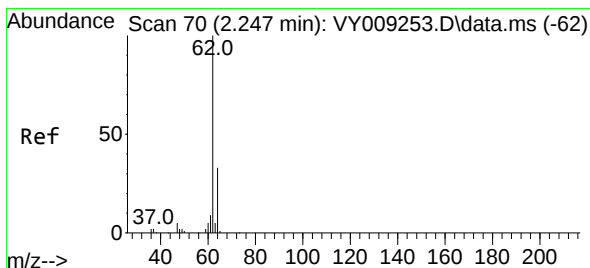
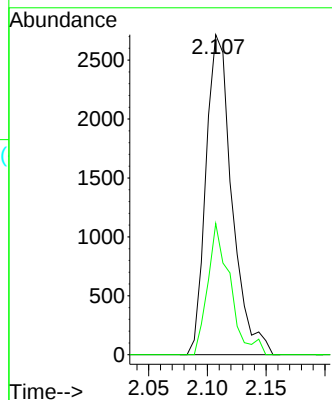
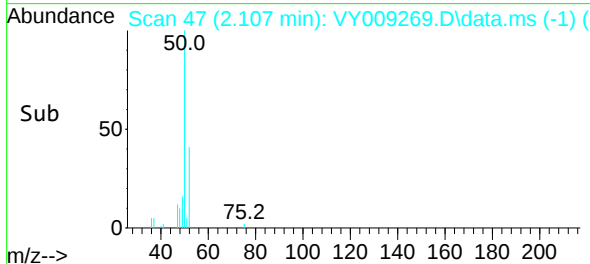
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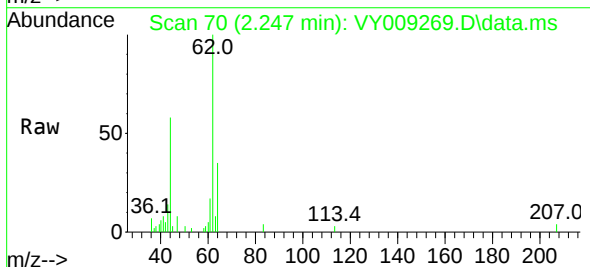
Tgt Ion: 50 Resp: 4182
Ion Ratio Lower Upper
50 100
52 41.0 24.6 37.0

Manual Integrations
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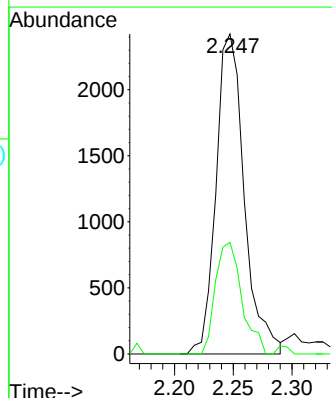
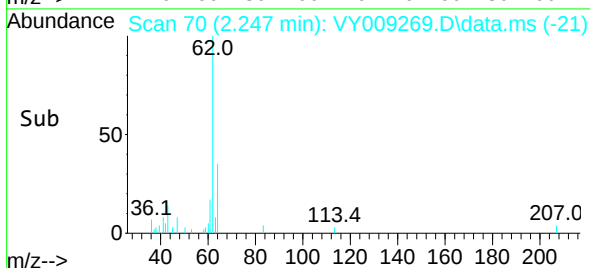
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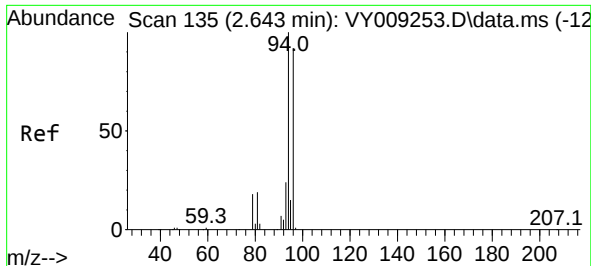


#4
Vinyl Chloride
Concen: 2.751 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



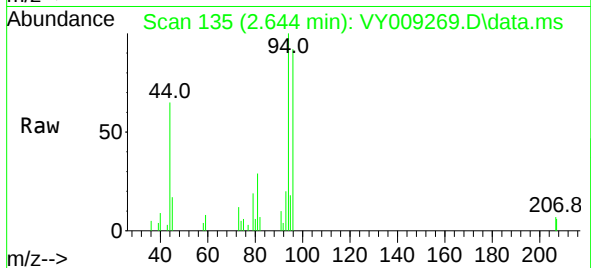
Tgt Ion: 62 Resp: 4045
Ion Ratio Lower Upper
62 100
64 34.8 25.0 37.6





#5
Bromomethane
Concen: 3.045 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

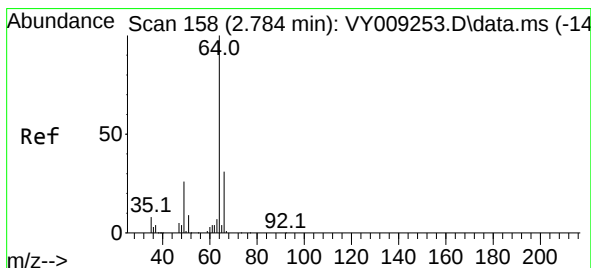
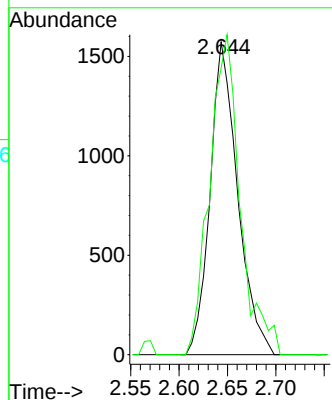
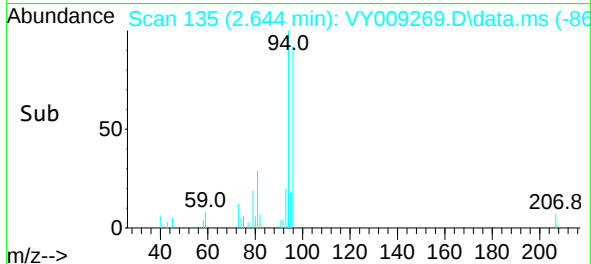
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Tgt Ion: 94 Resp: 312
Ion Ratio Lower Upper
94 100
96 91.7 73.5 110.3

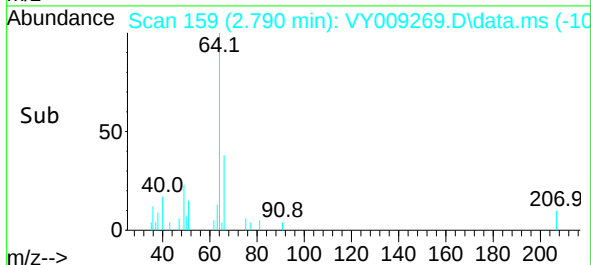
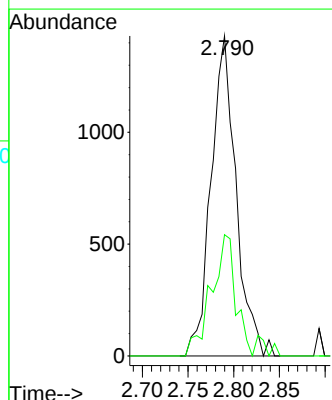
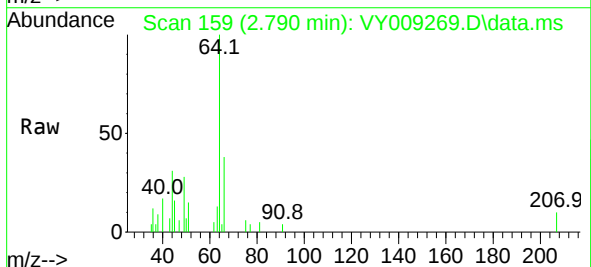
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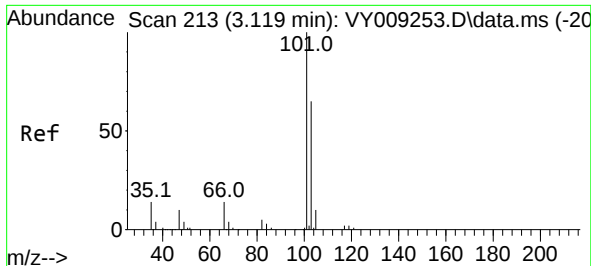
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#6
Chloroethane
Concen: 2.783 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

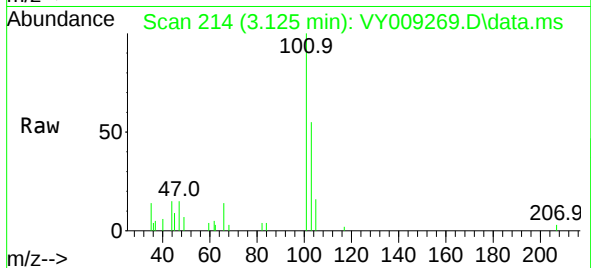
Tgt Ion: 64 Resp: 2724
Ion Ratio Lower Upper
64 100
66 37.9 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 2.694 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY009269.D
 Acq: 22 Jun 2022 13:13

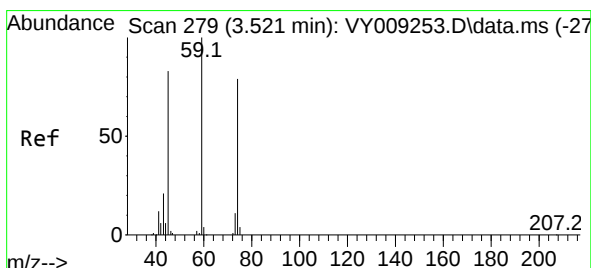
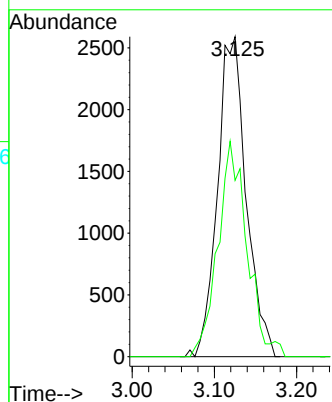
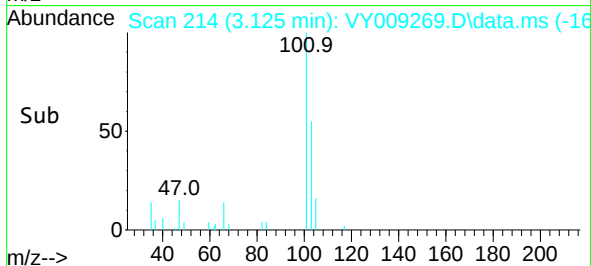
Instrument :
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 ClientSampleId :
 MDL-SOIL-03-QT2-2022



Tgt Ion:101 Resp: 6280
 Ion Ratio Lower Upper
 101 100
 103 55.1 48.0 72.0

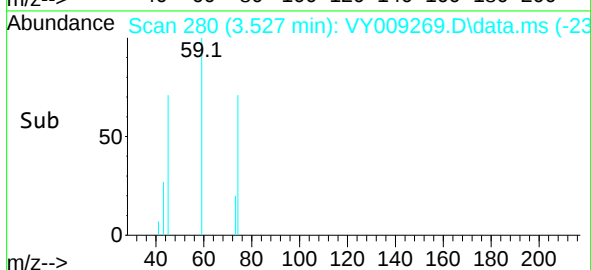
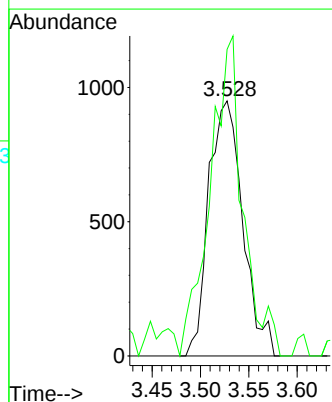
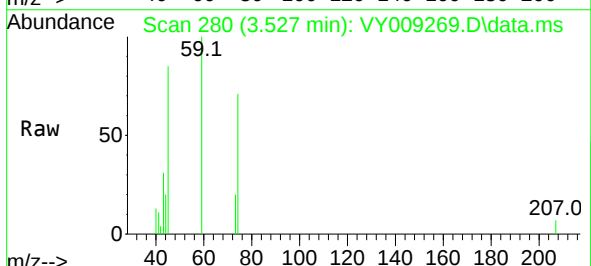
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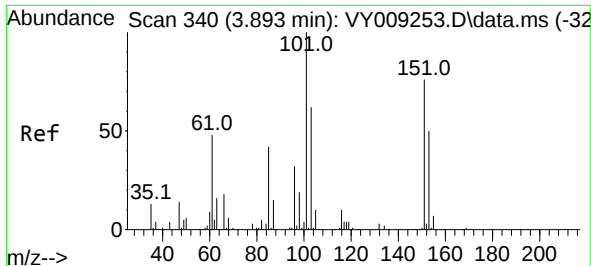
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022



#8
 Diethyl Ether
 Concen: 2.721 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY009269.D
 Acq: 22 Jun 2022 13:13

Tgt Ion: 74 Resp: 2332
 Ion Ratio Lower Upper
 74 100
 45 120.7 55.1 165.5





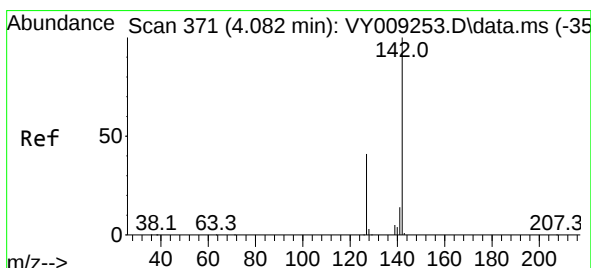
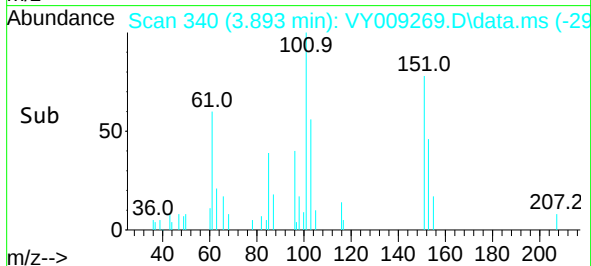
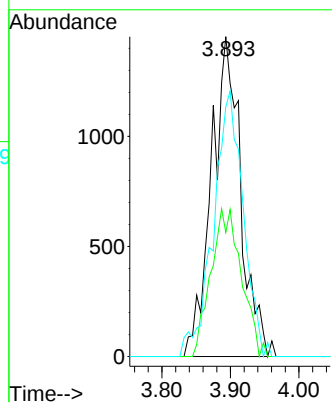
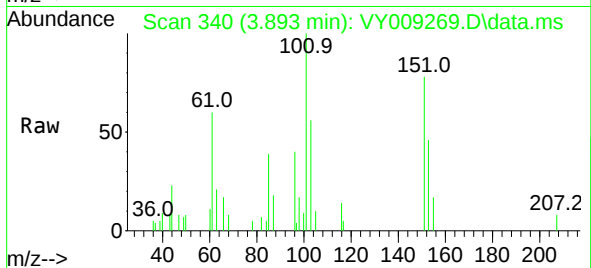
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.896 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:101 Resp: 4298
Ion Ratio Lower Upper
101 100
85 48.3 40.6 60.8
151 84.7 64.9 97.3

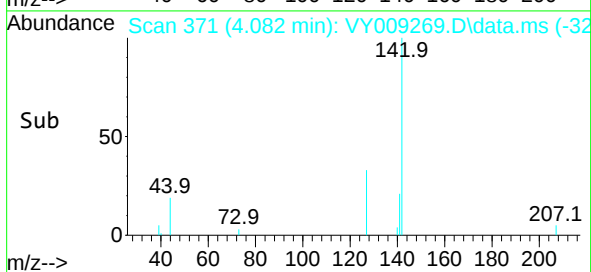
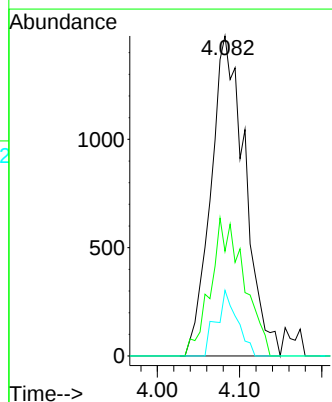
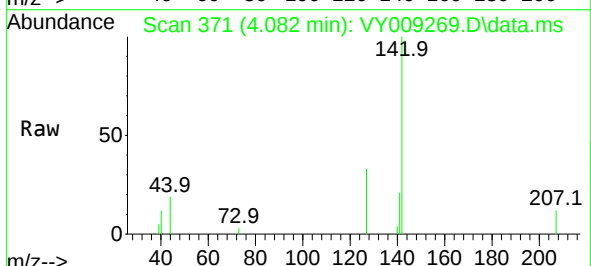
Manual Integrations
APPROVED

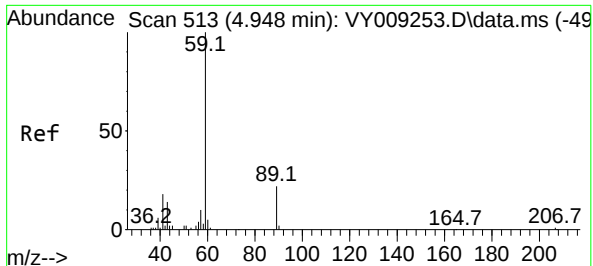
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#10
Methyl Iodide
Concen: 2.356 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

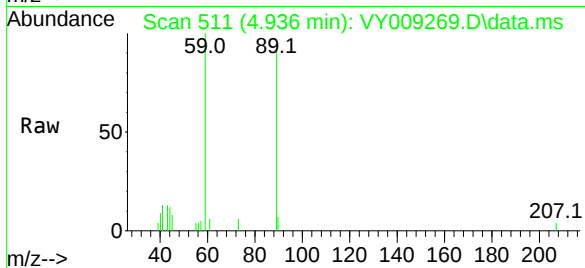
Tgt Ion:142 Resp: 4269
Ion Ratio Lower Upper
142 100
127 42.2 41.5 62.3
141 12.6 11.9 17.9





#11
Tert butyl alcohol
Concen: 22.802 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

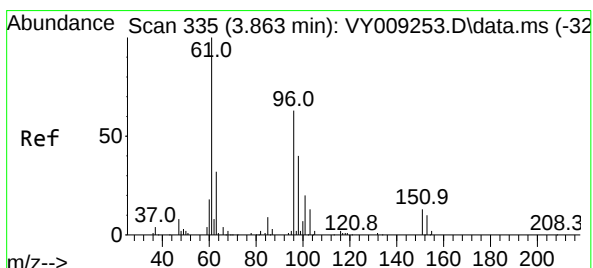
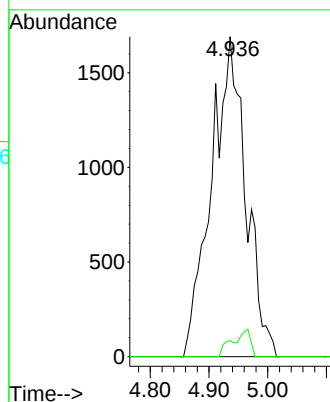
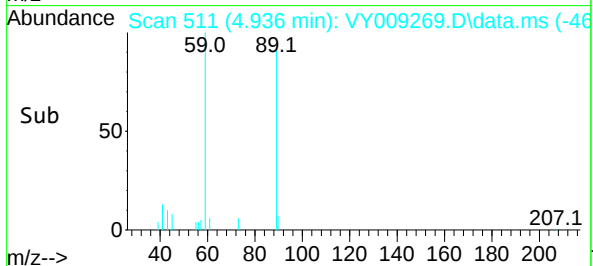
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT2-2022



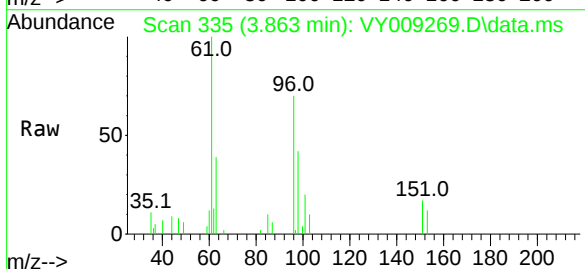
Tgt Ion: 59 Resp: 6900
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6

Manual Integrations
APPROVED

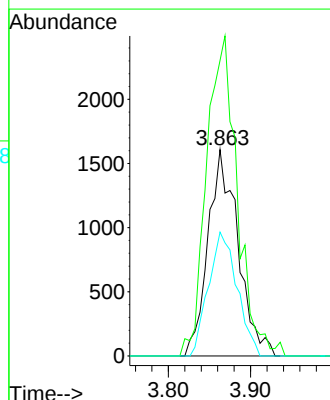
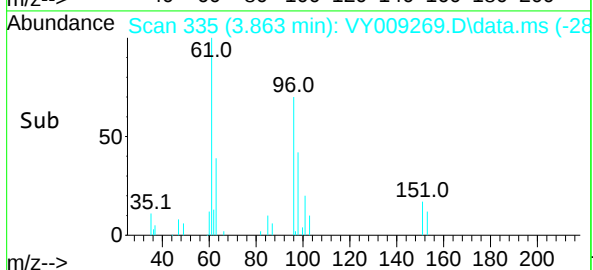
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

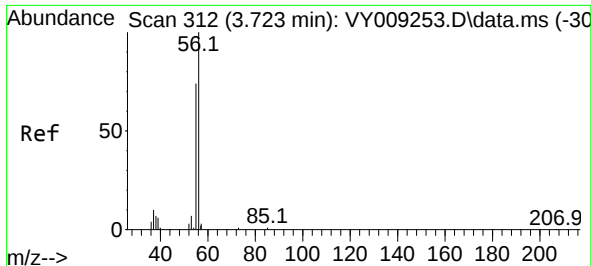


#12
1,1-Dichloroethene
Concen: 2.888 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



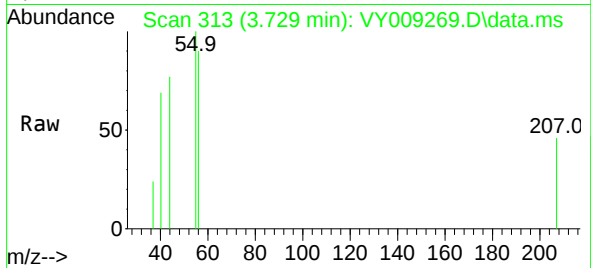
Tgt Ion: 96 Resp: 4073
Ion Ratio Lower Upper
96 100
61 143.2 145.8 218.6#
98 60.0 52.5 78.7





#13
Acrolein
Concen: 11.080 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

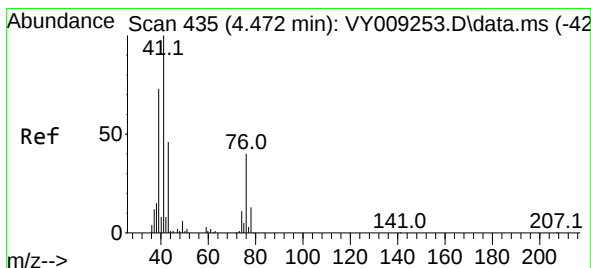
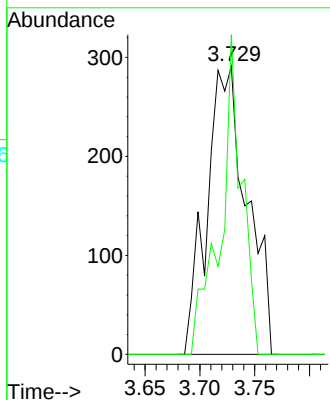
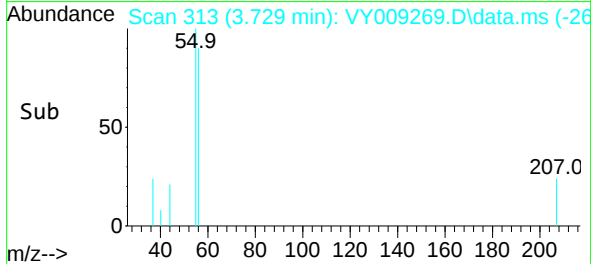
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 56 Resp: 744
Ion Ratio Lower Upper
56 100
55 59.1 57.6 86.4

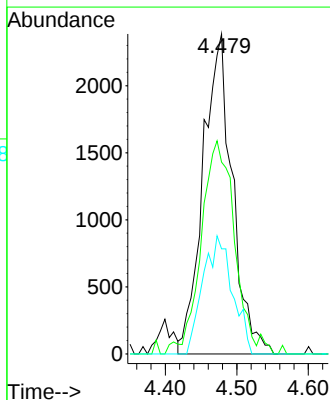
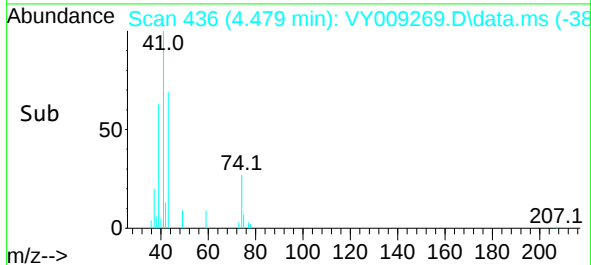
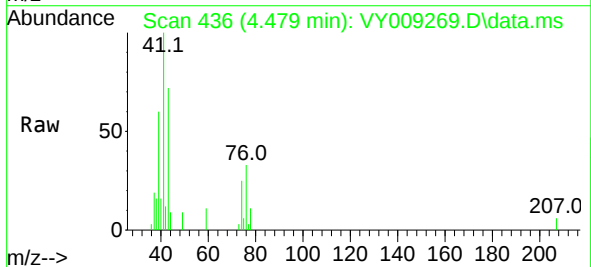
Manual Integrations
APPROVED

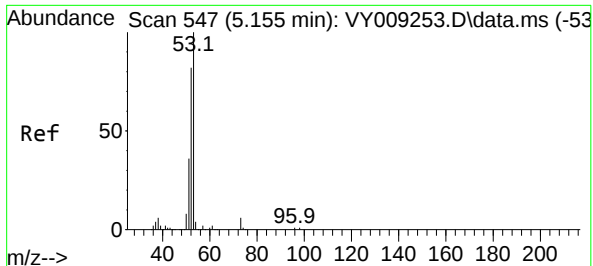
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#14
Allyl chloride
Concen: 2.680 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

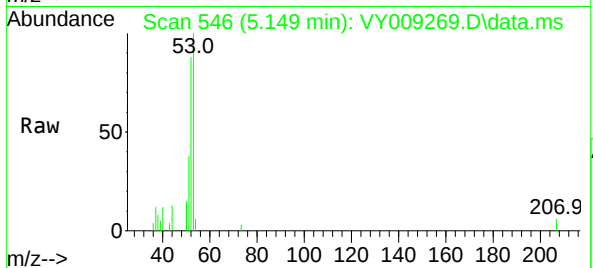
Tgt Ion: 41 Resp: 6790
Ion Ratio Lower Upper
41 100
39 74.7 58.8 88.2
76 37.2 25.1 37.7





#15
Acrylonitrile
Concen: 14.735 ug/l m
RT: 5.149 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

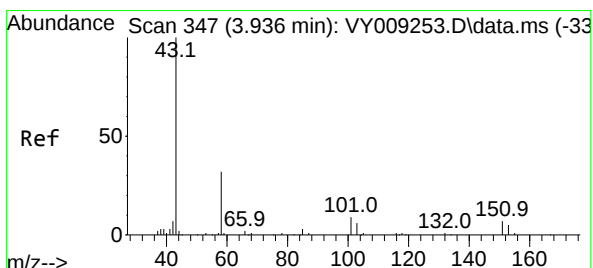
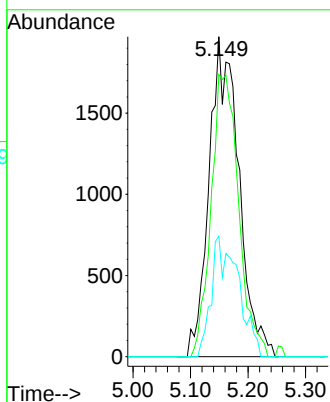
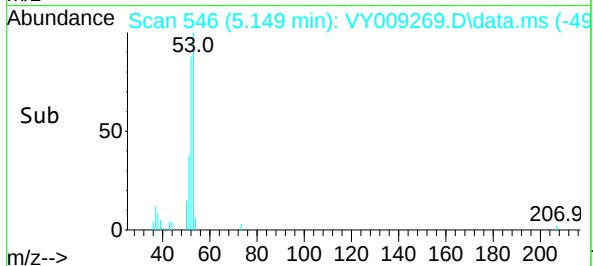
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 53 Resp: 7042
Ion Ratio Lower Upper
53 100
52 81.9 67.0 100.4
51 14.6 29.8 44.6

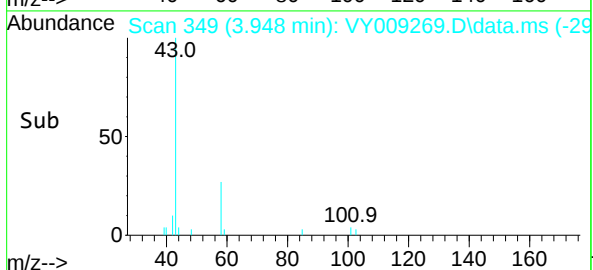
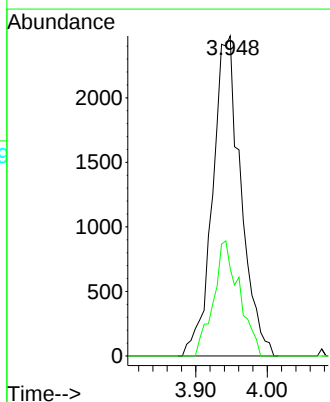
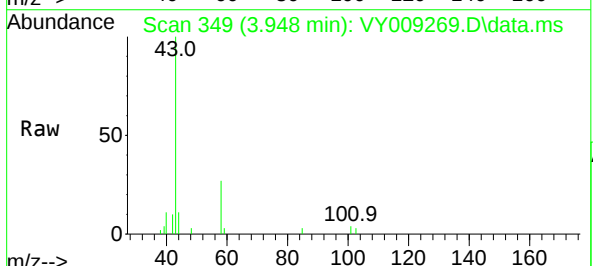
Manual Integrations
APPROVED

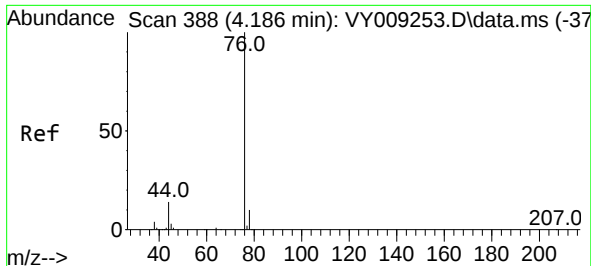
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#16
Acetone
Concen: 16.979 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

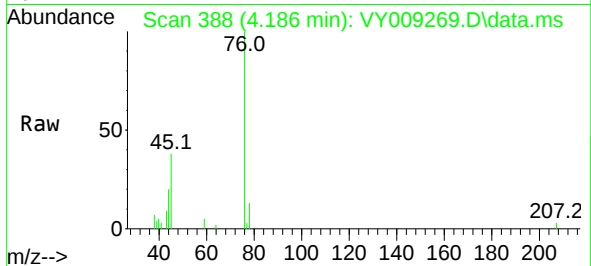
Tgt Ion: 43 Resp: 6782
Ion Ratio Lower Upper
43 100
58 27.3 22.0 33.0





#17
Carbon Disulfide
Concen: 2.324 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

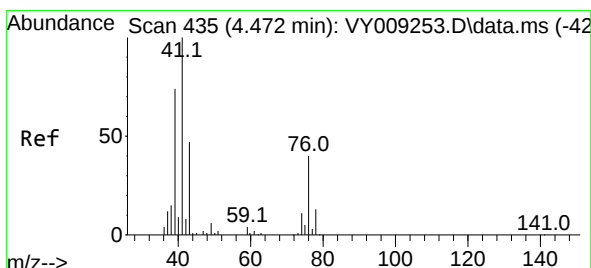
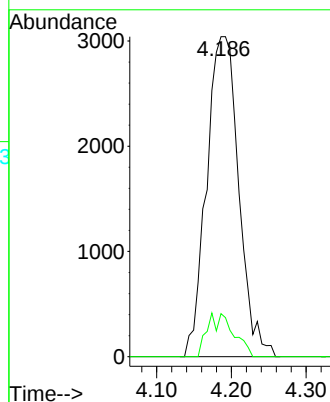
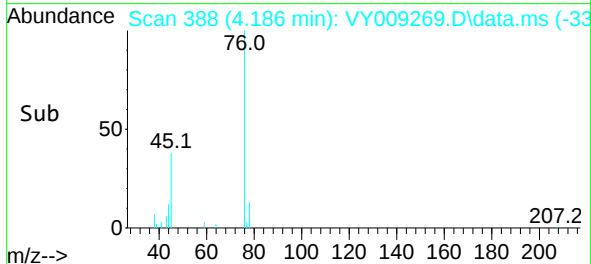
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT2-2022



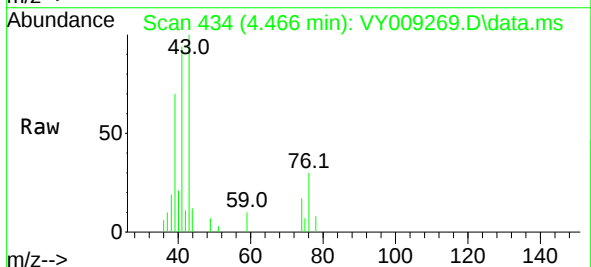
Tgt Ion: 76 Resp: 9100
Ion Ratio Lower Upper
76 100
78 13.4 7.4 11.0

Manual Integrations
APPROVED

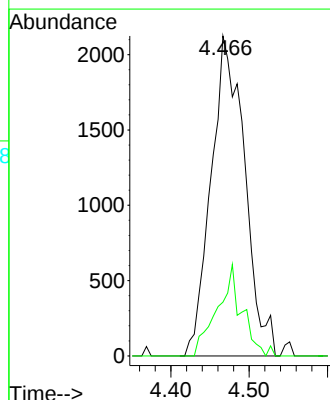
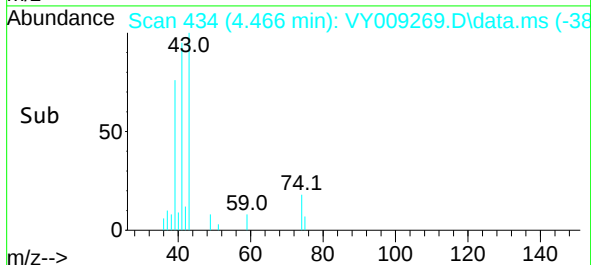
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

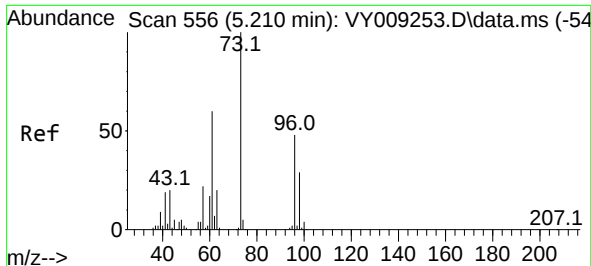


#18
Methyl Acetate
Concen: 4.613 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



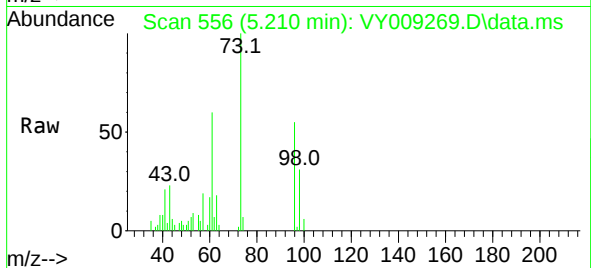
Tgt Ion: 43 Resp: 6323
Ion Ratio Lower Upper
43 100
74 20.6 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 2.627 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

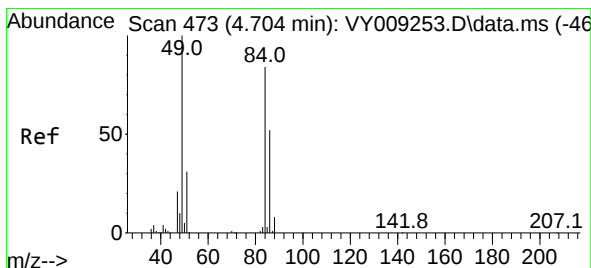
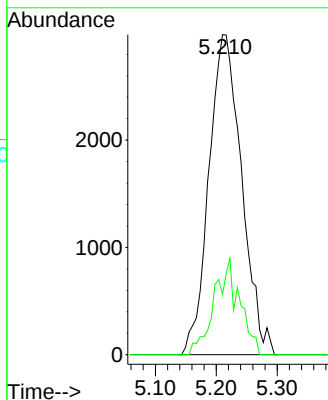
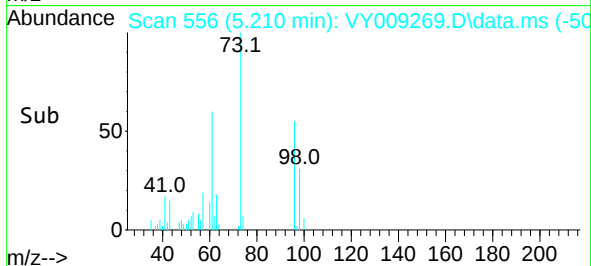
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



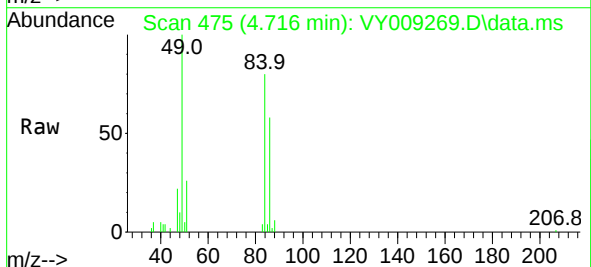
Tgt Ion: 73 Resp: 11136
Ion Ratio Lower Upper
73 100
57 18.9 18.6 27.8

Manual Integrations
APPROVED

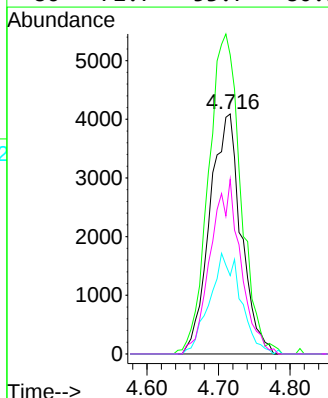
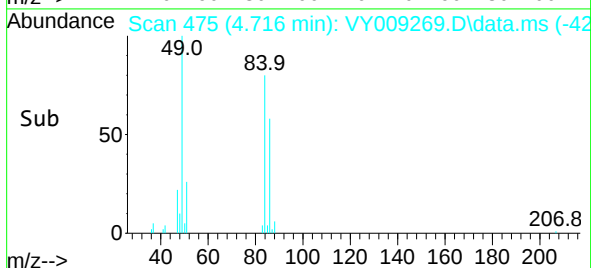
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

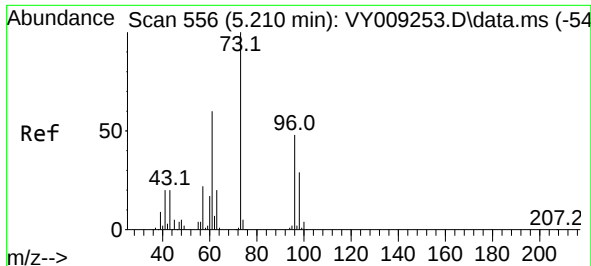


#20
Methylene Chloride
Concen: 4.710 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



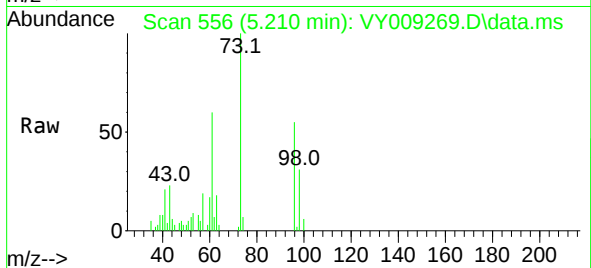
Tgt Ion: 84 Resp: 12454
Ion Ratio Lower Upper
84 100
49 123.0 114.4 171.6
51 32.7 35.3 52.9#
86 72.7 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 2.930 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

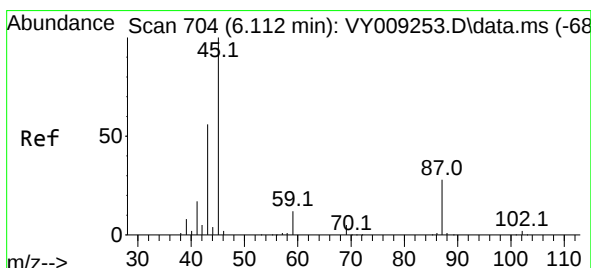
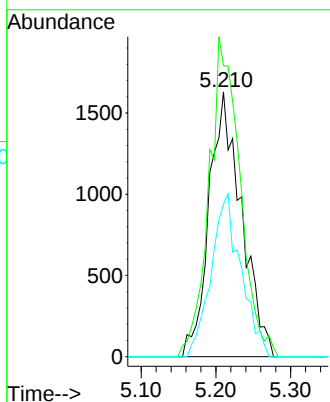
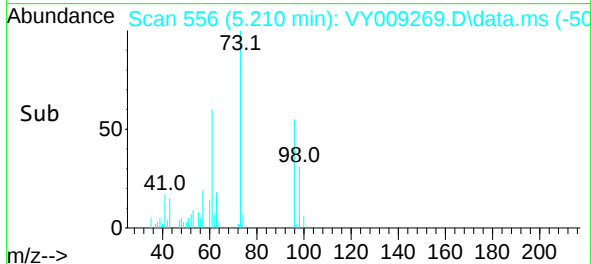
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



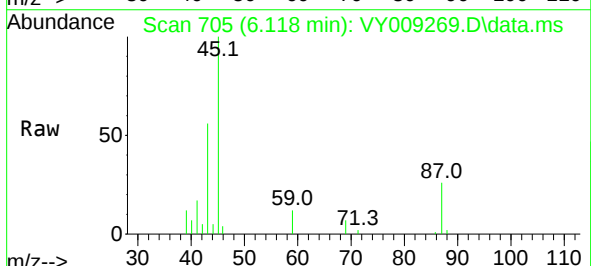
Tgt Ion: 96 Resp: 489
Ion Ratio Lower Upper
96 100
61 110.0 120.5 180.7
98 57.6 49.8 74.8

Manual Integrations
APPROVED

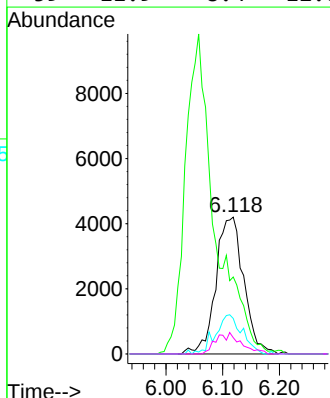
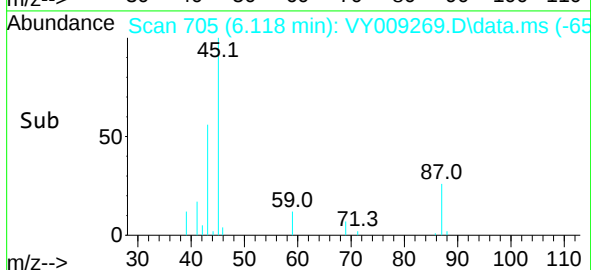
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

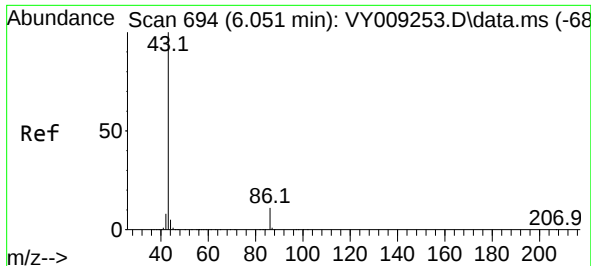


#22
Diisopropyl ether
Concen: 2.691 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



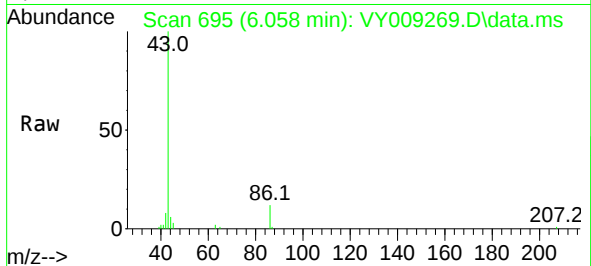
Tgt Ion: 45 Resp: 14329
Ion Ratio Lower Upper
45 100
43 53.6 49.3 73.9
87 26.0 19.2 28.8
59 11.9 8.4 12.6





#23
 Vinyl Acetate
 Concen: 10.887 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY009269.D
 Acq: 22 Jun 2022 13:13

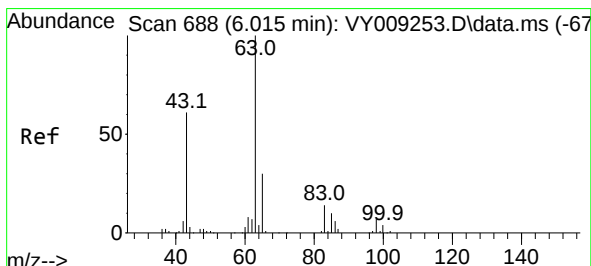
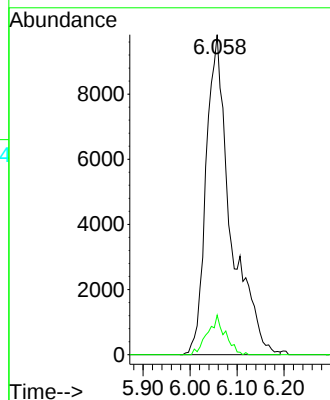
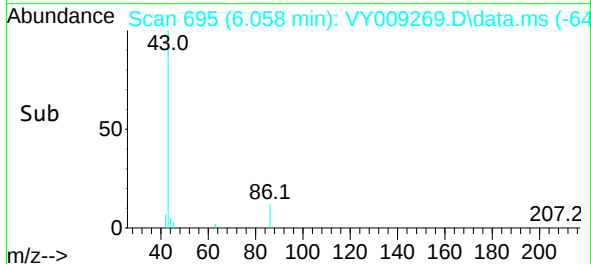
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT2-2022



Tgt Ion: 43 Resp: 3559
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.1 10.7

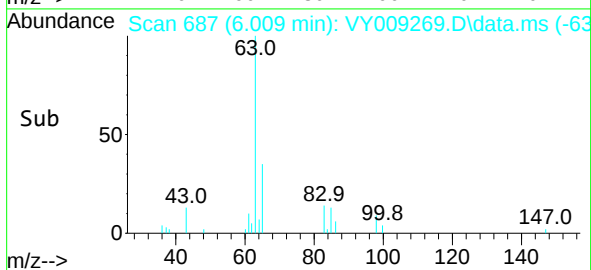
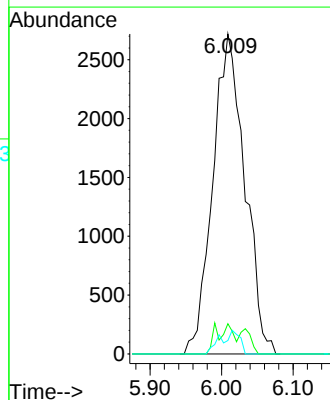
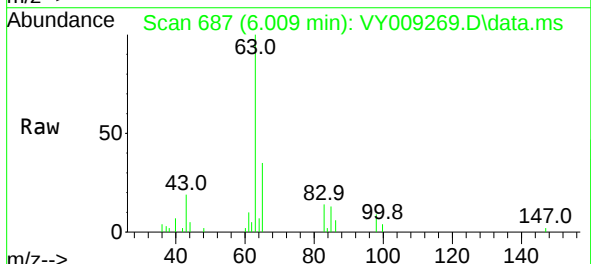
Manual Integrations
 APPROVED

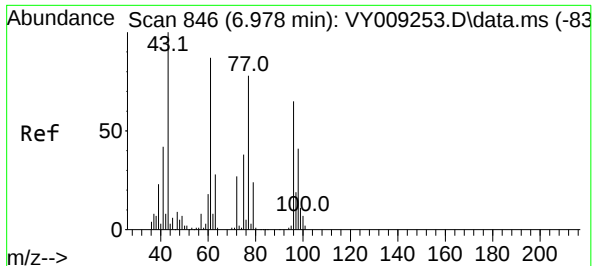
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022



#24
 1,1-Dichloroethane
 Concen: 2.801 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009269.D
 Acq: 22 Jun 2022 13:13

Tgt Ion: 63 Resp: 8442
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.6 10.8
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 15.405 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 43 Resp: 993

Ion Ratio Lower Upper

43 100

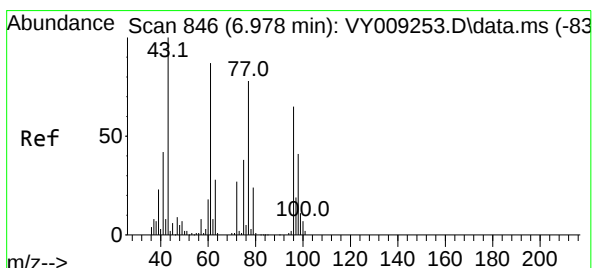
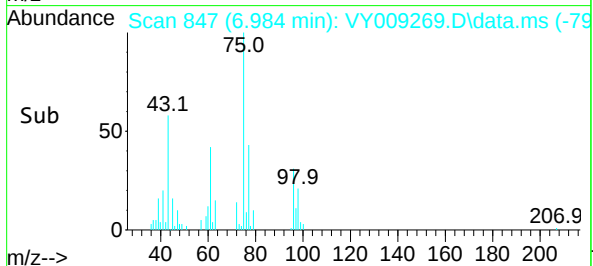
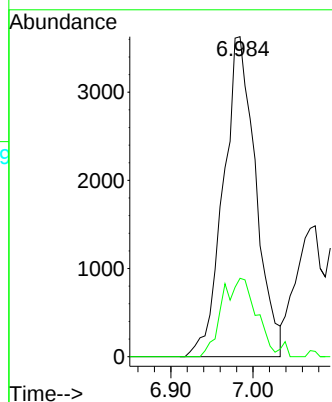
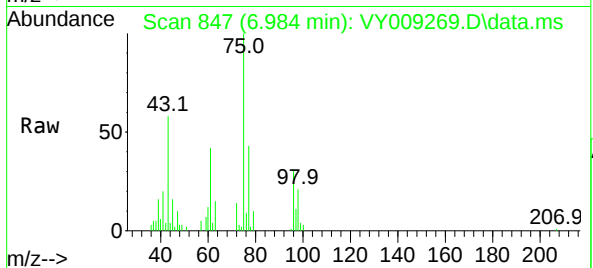
72 24.5 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#26

2,2-Dichloropropane

Concen: 2.921 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY009269.D

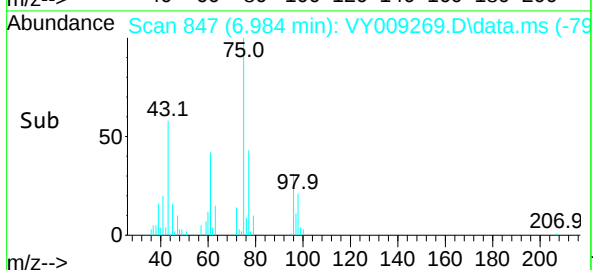
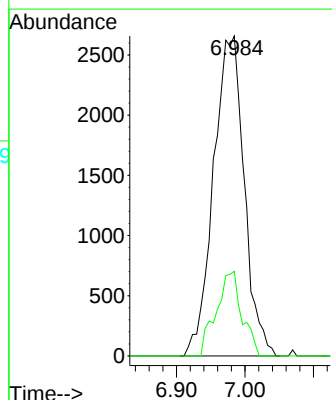
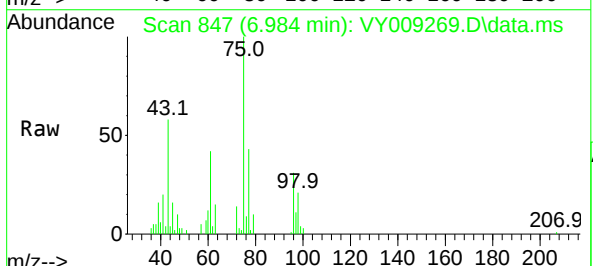
Acq: 22 Jun 2022 13:13

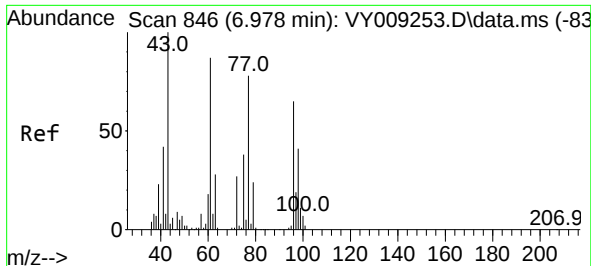
Tgt Ion: 77 Resp: 8277

Ion Ratio Lower Upper

77 100

97 22.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 2.677 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009269.D

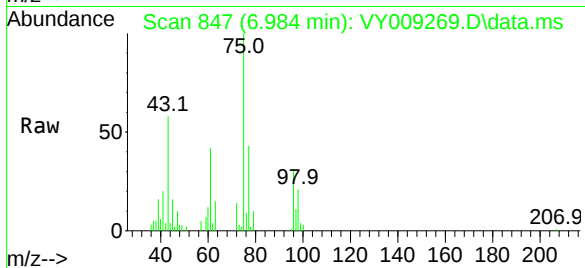
Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

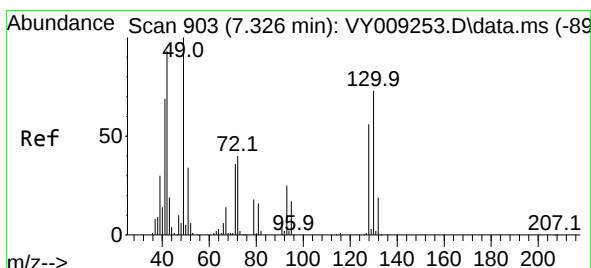
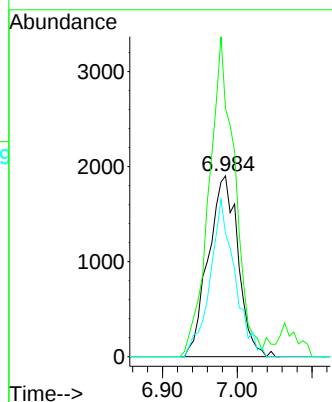
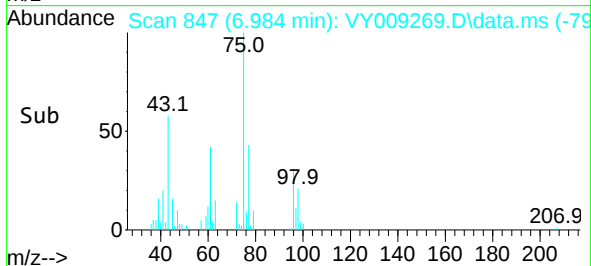


Tgt Ion:	96	Resp:	524
Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	319.8
98	72.9	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#28

Bromochloromethane

Concen: 2.740 ug/l

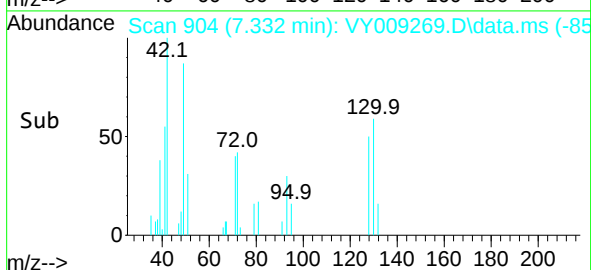
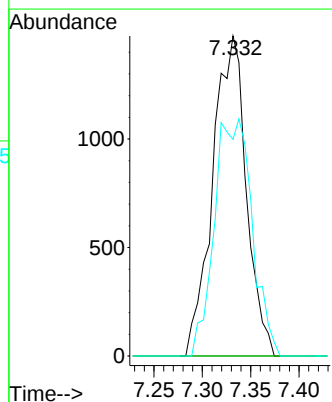
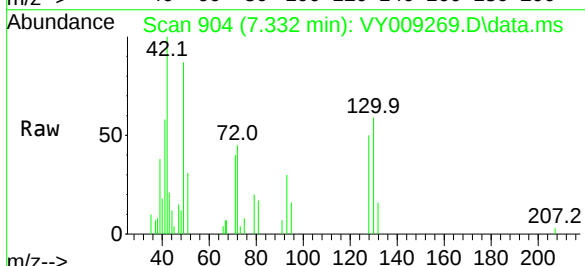
RT: 7.332 min Scan# 904

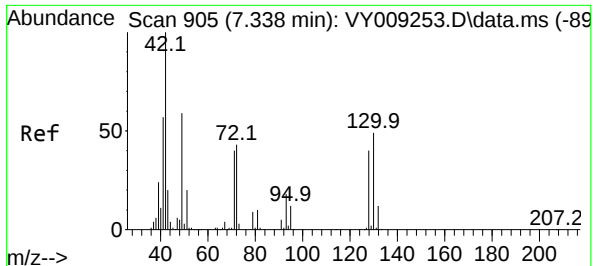
Delta R.T. 0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Tgt Ion:	49	Resp:	3563
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	83.0	55.4	83.0





#29

Tetrahydrofuran

Concen: 15.341 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

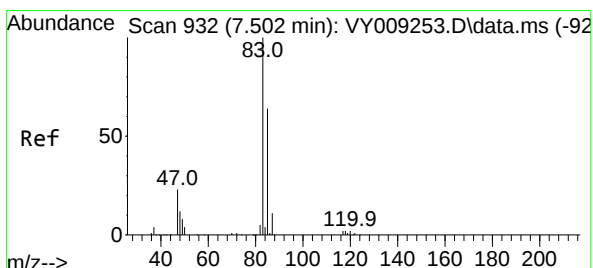
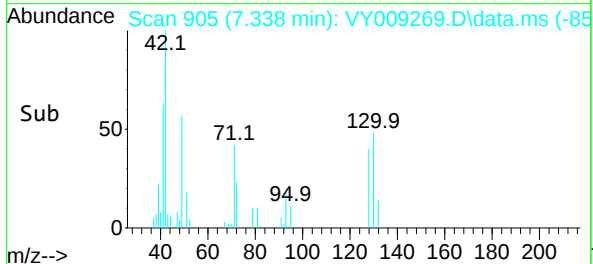
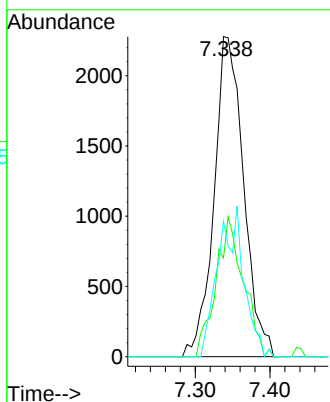
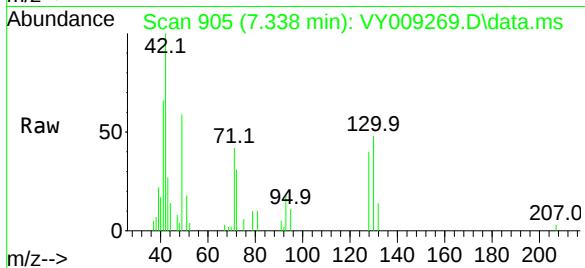
ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 42	Resp: 626
Ion Ratio	Lower Upper
42	100
72	40.6 30.3 45.5
71	40.9 29.0 43.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#30

Chloroform

Concen: 2.832 ug/l

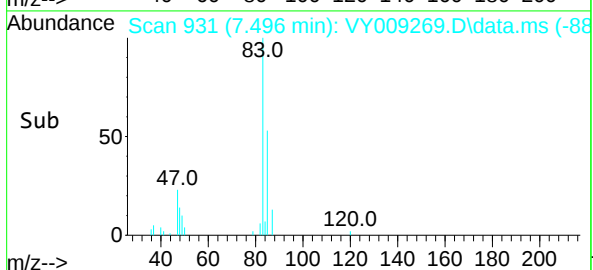
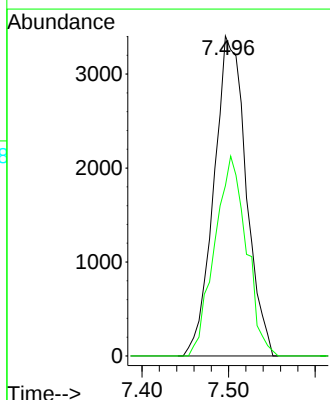
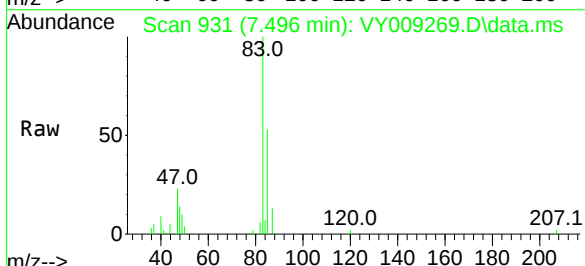
RT: 7.496 min Scan# 931

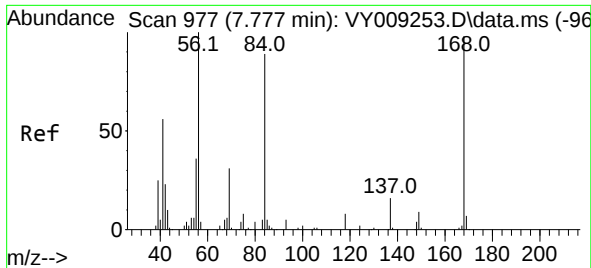
Delta R.T. -0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

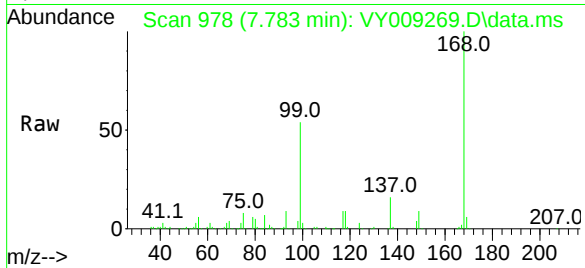
Tgt Ion: 83	Resp: 8788
Ion Ratio	Lower Upper
83	100
85	53.2 51.8 77.6





#31
Cyclohexane
Concen: 3.578 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

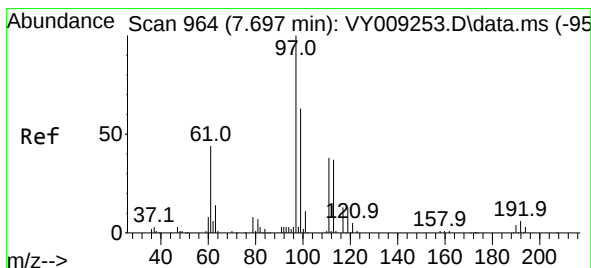
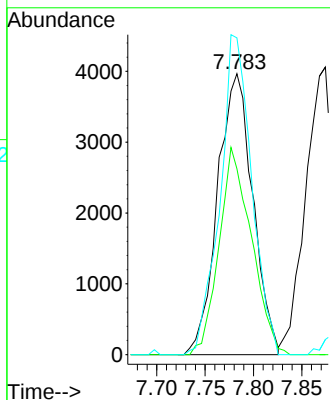
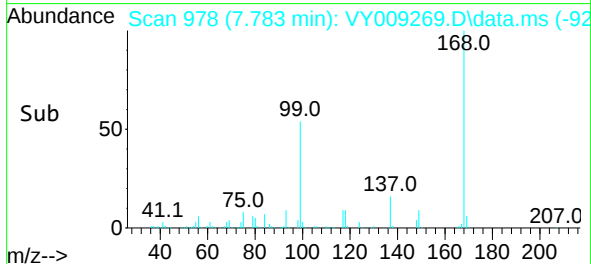
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



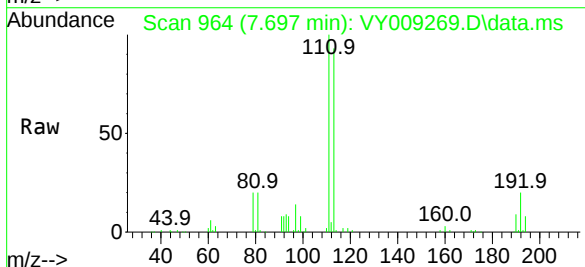
Tgt Ion: 56 Resp: 1004
Ion Ratio Lower Upper
56 100
69 66.1 26.7 40.1
84 112.7 67.2 100.8

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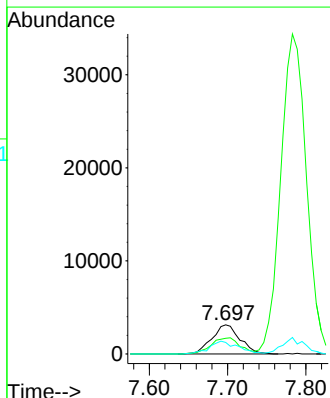
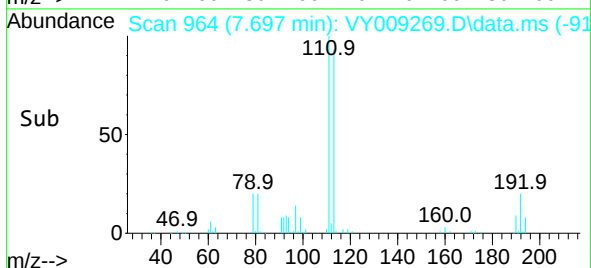
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

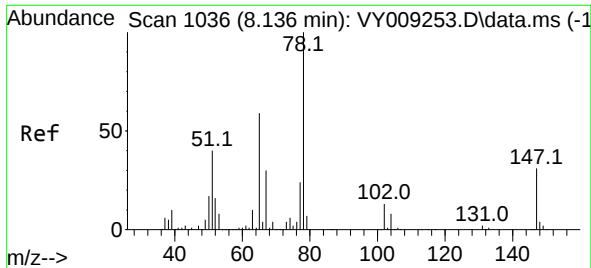


#32
1,1,1-Trichloroethane
Concen: 2.868 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



Tgt Ion: 97 Resp: 7768
Ion Ratio Lower Upper
97 100
99 57.4 50.7 76.1
61 45.1 37.6 56.4





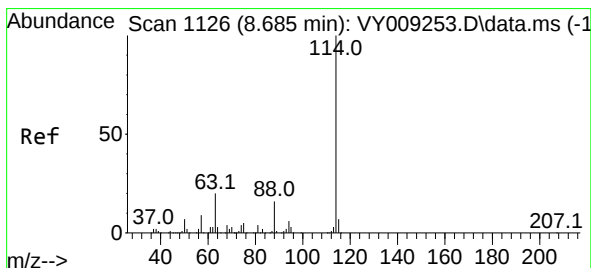
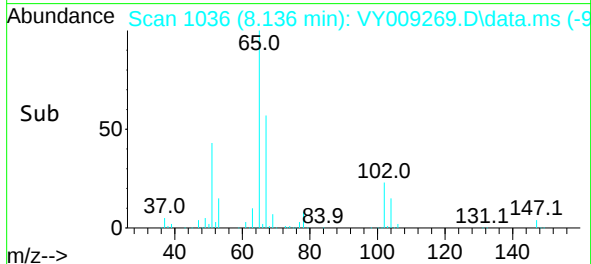
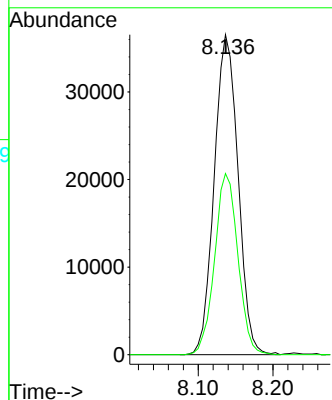
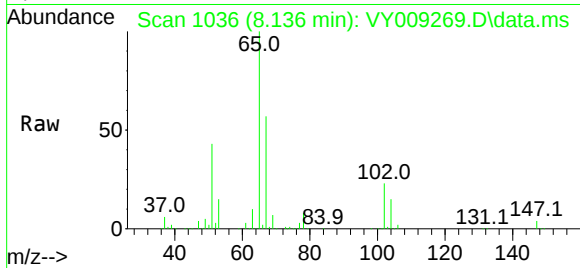
#33
1,2-Dichloroethane-d4
Concen: 50.005 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion: 65 Resp: 8084
Ion Ratio Lower Upper
65 100
67 55.5 0.0 99.4

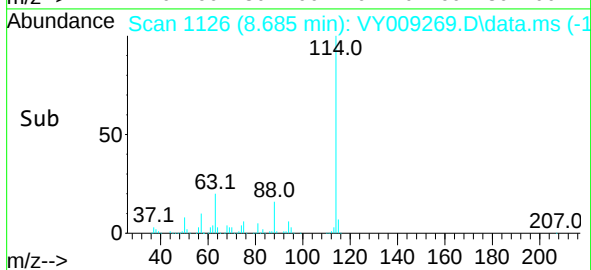
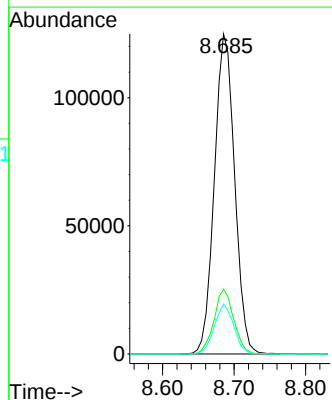
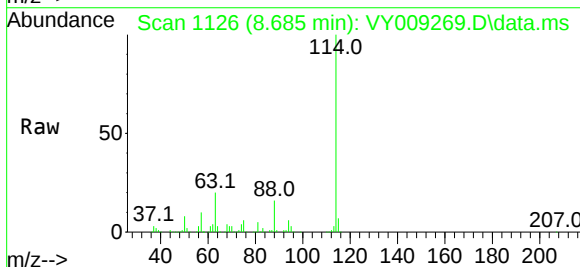
Manual Integrations
APPROVED

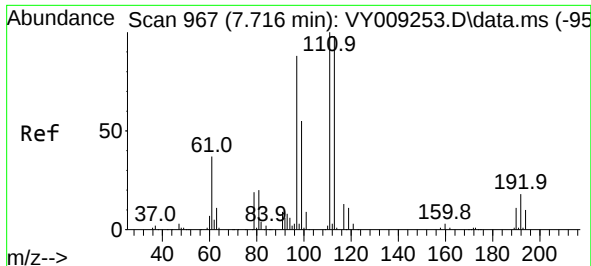
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

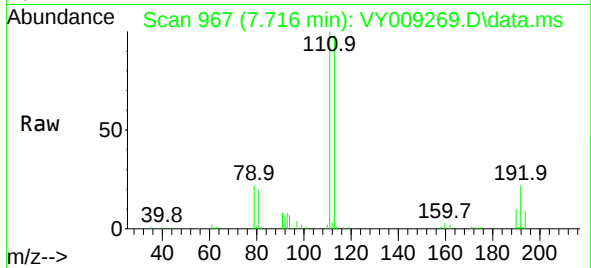
Tgt Ion:114 Resp: 245699
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.2
88 15.6 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.352 ug/l
RT: 7.716 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

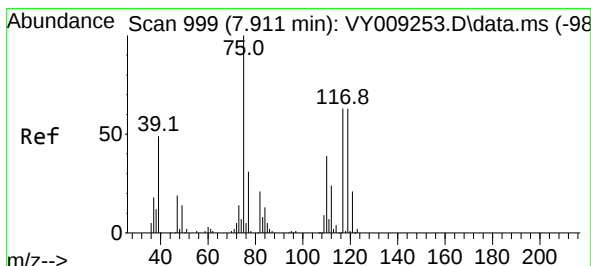
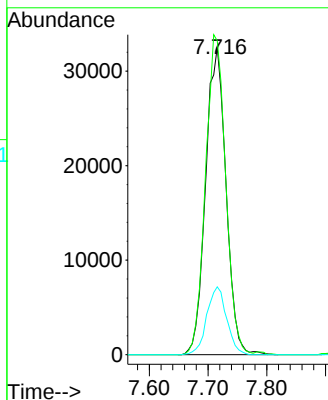
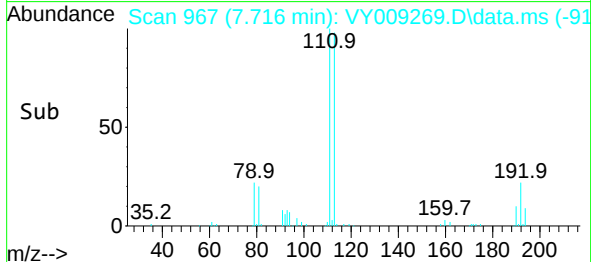
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion:113 Resp: 78529
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 21.5 17.6 26.4

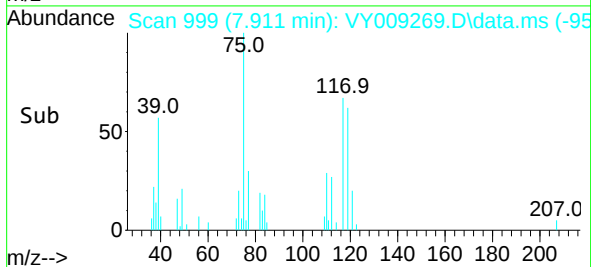
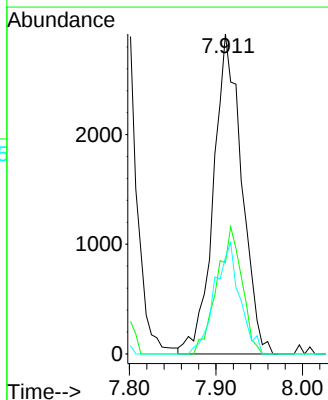
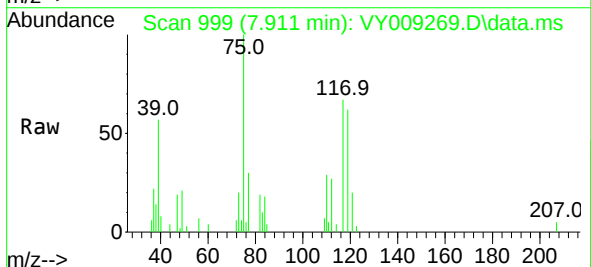
Manual Integrations
APPROVED

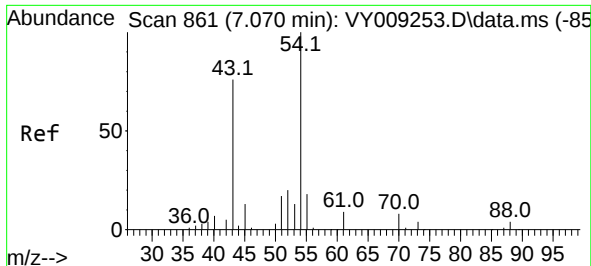
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#36
1,1-Dichloropropene
Concen: 2.733 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 75 Resp: 6617
Ion Ratio Lower Upper
75 100
110 34.9 17.1 51.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 2.958 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

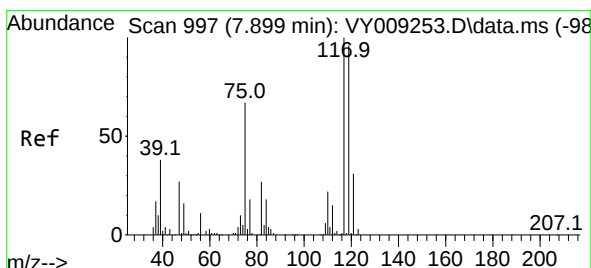
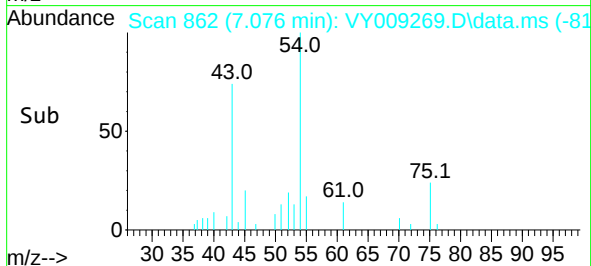
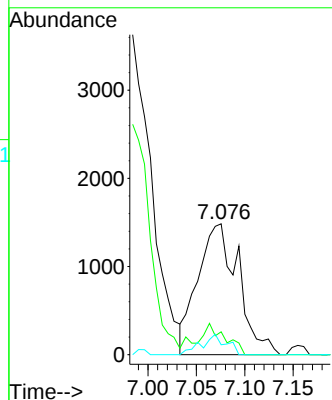
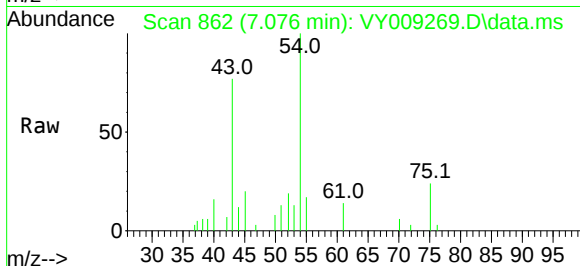
MDL-SOIL-03-QT2-2022

Tgt Ion:	43	Resp:	433
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.7	14.5
70	9.4	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#38

Carbon Tetrachloride

Concen: 2.670 ug/l

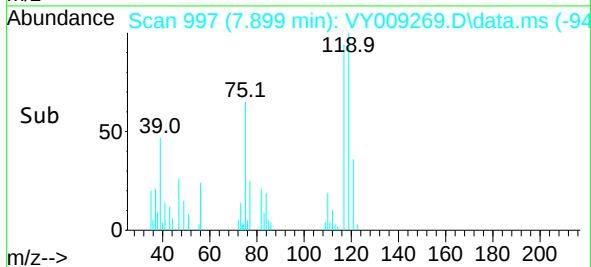
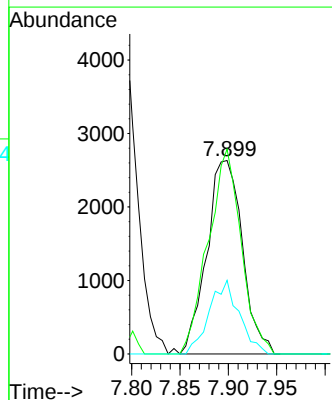
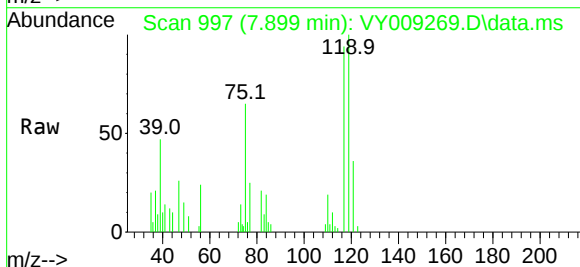
RT: 7.899 min Scan# 997

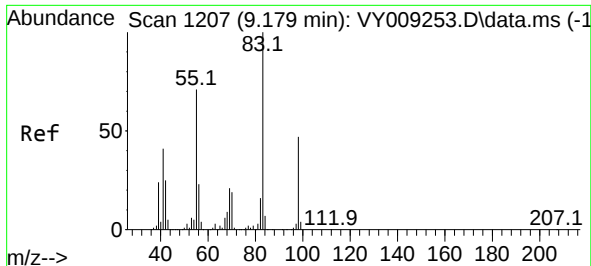
Delta R.T. -0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Tgt Ion:	117	Resp:	6724
Ion	Ratio	Lower	Upper
117	100		
119	105.9	77.9	116.9
121	38.0	24.8	37.2





#39

Methylcyclohexane

Concen: 2.636 ug/l

RT: 9.185 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

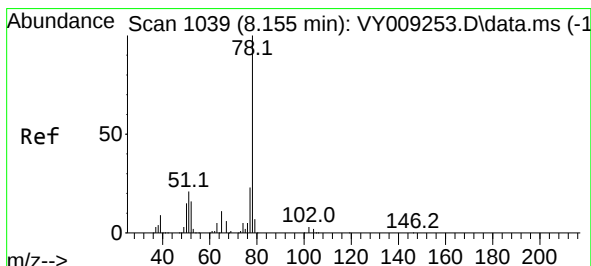
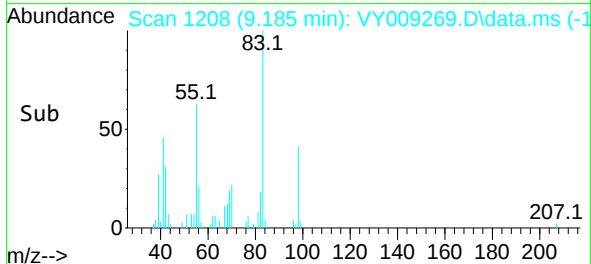
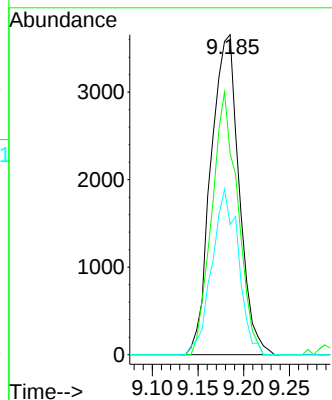
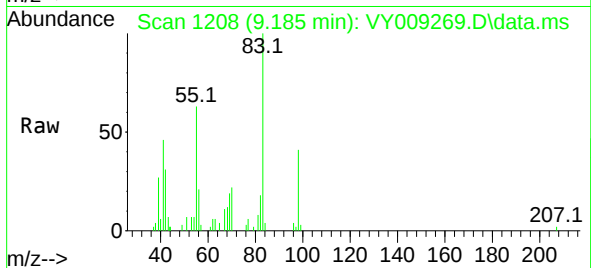
MDL-SOIL-03-QT2-2022

Tgt Ion:	83	Resp:	783
Ion Ratio	Lower	Upper	
83	100		
55	62.9	66.5	99.7
98	40.7	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#40

Benzene

Concen: 2.671 ug/l

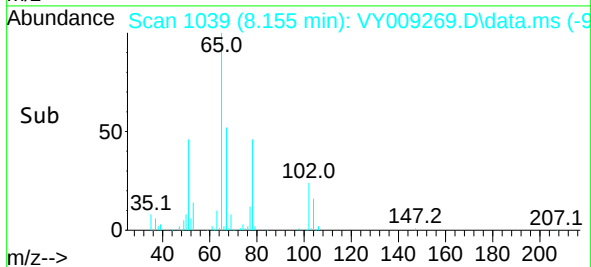
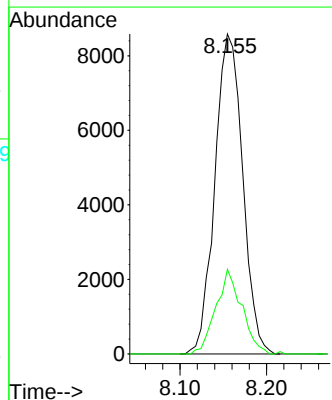
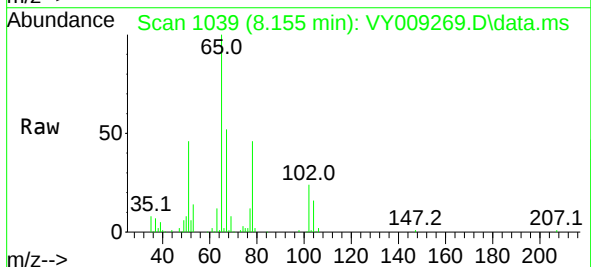
RT: 8.155 min Scan# 1039

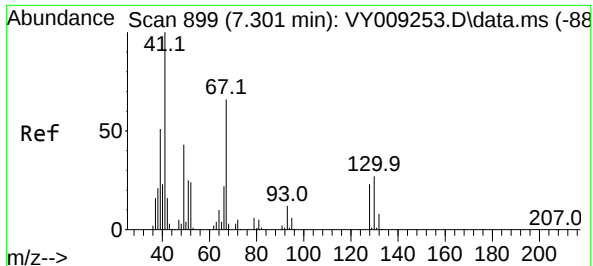
Delta R.T. -0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

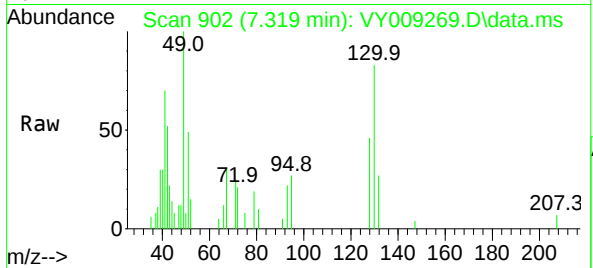
Tgt Ion:	78	Resp:	19136
Ion Ratio	Lower	Upper	
78	100		
77	26.4	20.4	30.6





#41
Methacrylonitrile
Concen: 3.178 ug/l m
RT: 7.319 min Scan# 902
Delta R.T. 0.018 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

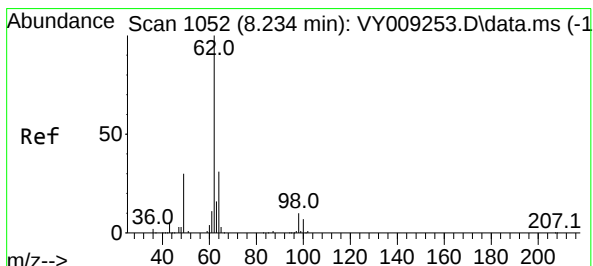
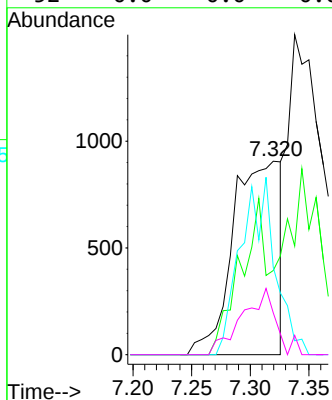
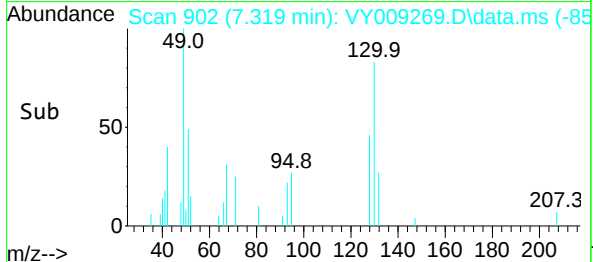
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 41 Resp: 2580
Ion Ratio Lower Upper
41 100
39 68.9 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

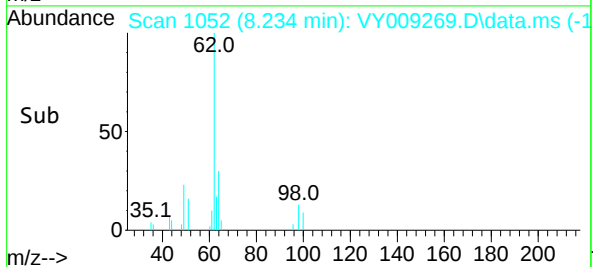
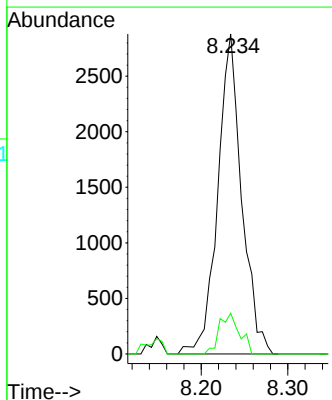
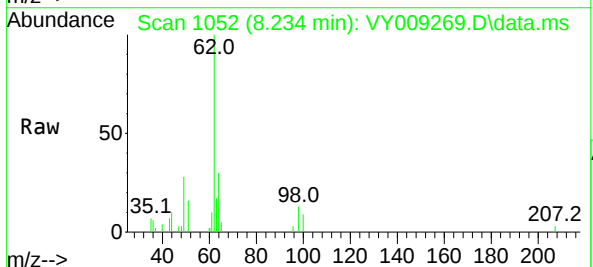
Manual Integrations
APPROVED

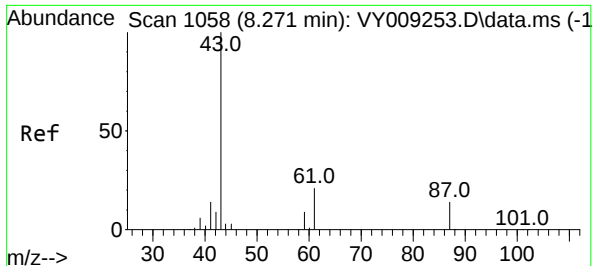
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#42
1,2-Dichloroethane
Concen: 2.694 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

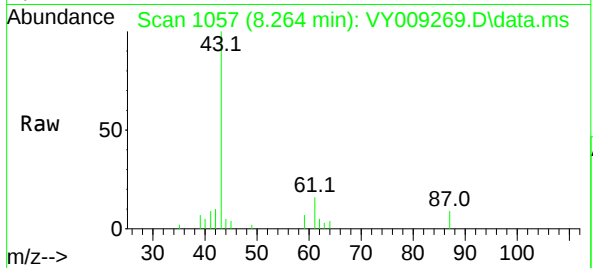
Tgt Ion: 62 Resp: 5537
Ion Ratio Lower Upper
62 100
98 10.8 0.0 14.8





#43
Isopropyl Acetate
Concen: 3.056 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

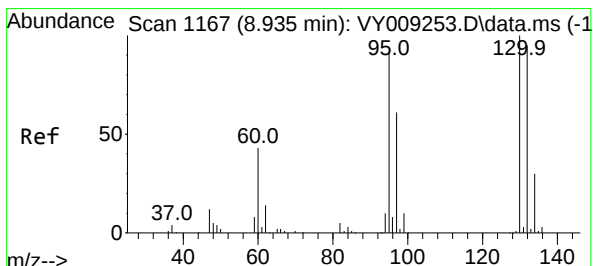
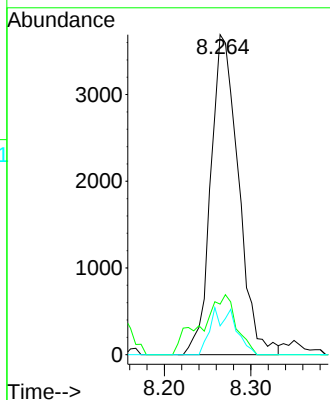
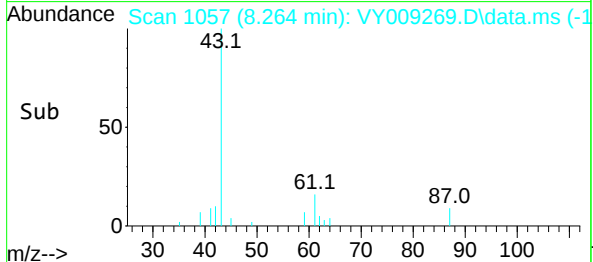
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT2-2022



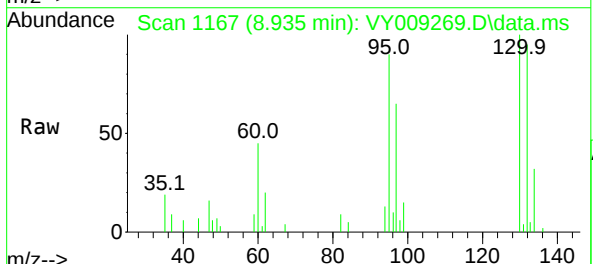
Tgt Ion: 43 Resp: 8200
Ion Ratio Lower Upper
43 100
61 16.6 20.2 30.2
87 5.8 8.9 13.3

Manual Integrations
APPROVED

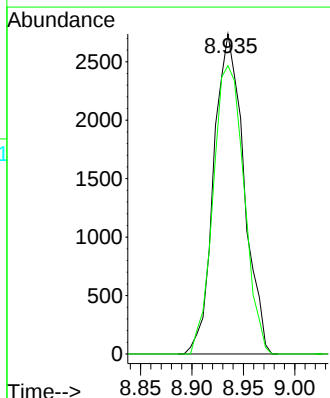
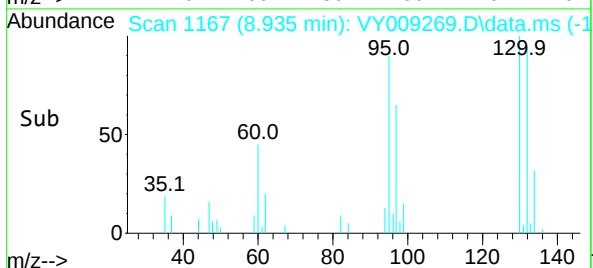
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

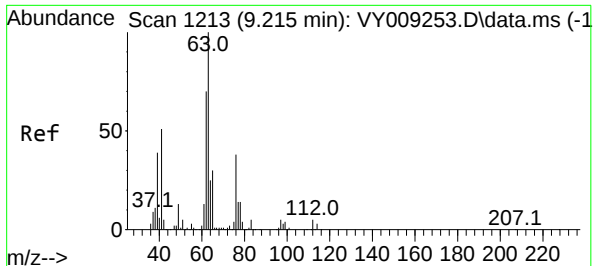


#44
Trichloroethene
Concen: 2.763 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



Tgt Ion:130 Resp: 5575
Ion Ratio Lower Upper
130 100
95 90.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 2.633 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 63 Resp: 4860

Ion Ratio Lower Upper

63 100

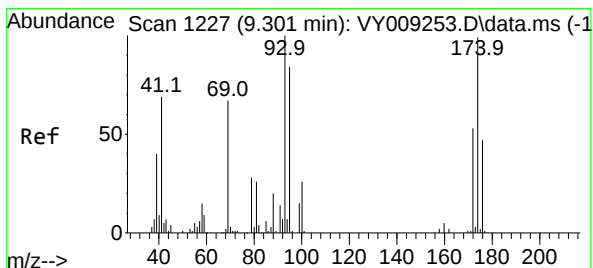
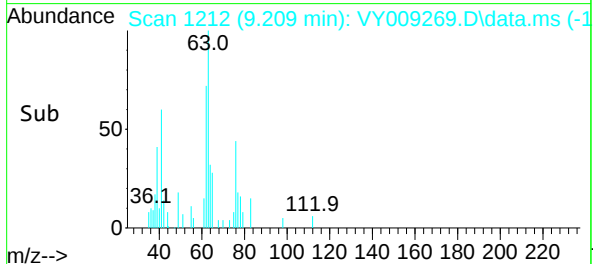
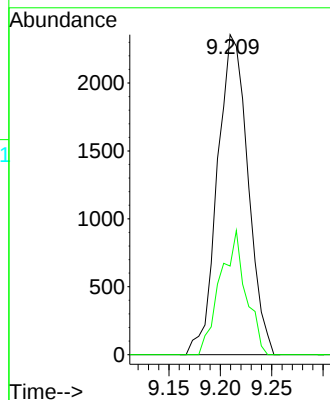
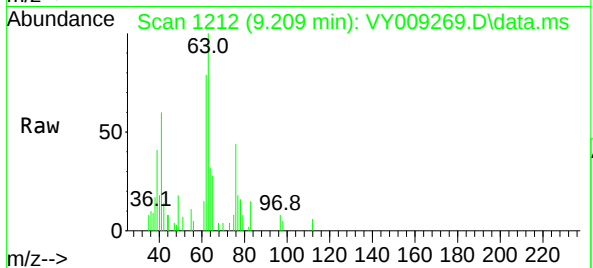
65 27.7 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#46

Dibromomethane

Concen: 2.792 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

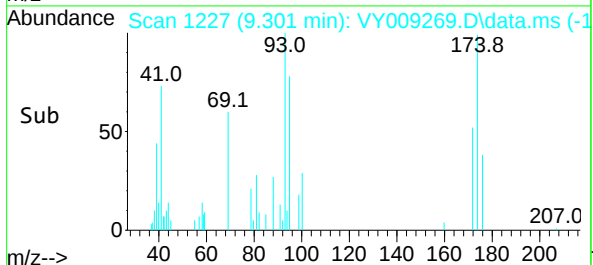
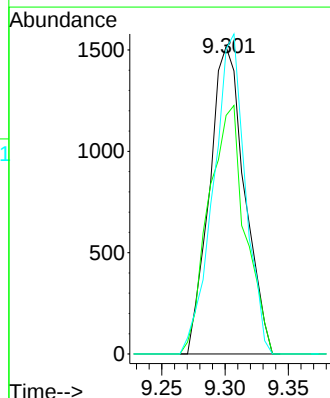
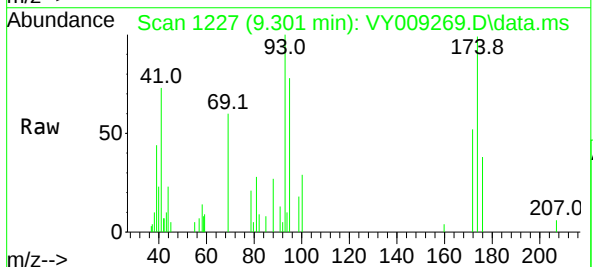
Tgt Ion: 93 Resp: 2930

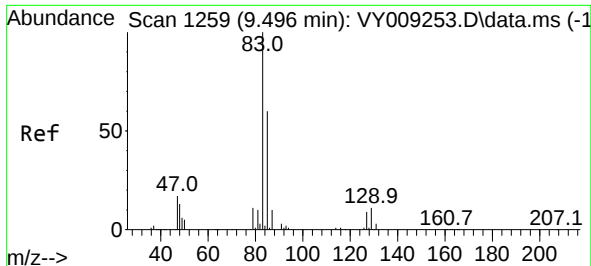
Ion Ratio Lower Upper

93 100

95 84.2 64.3 96.5

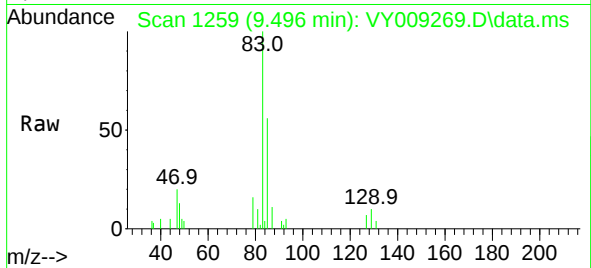
174 94.7 83.4 125.0





#47
Bromodichloromethane
Concen: 2.576 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

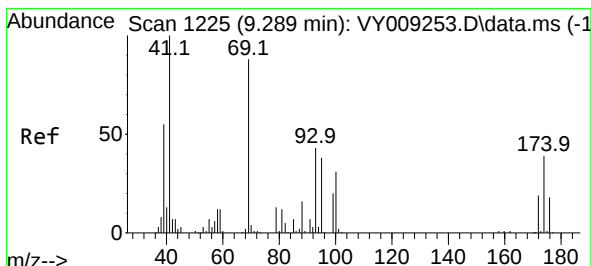
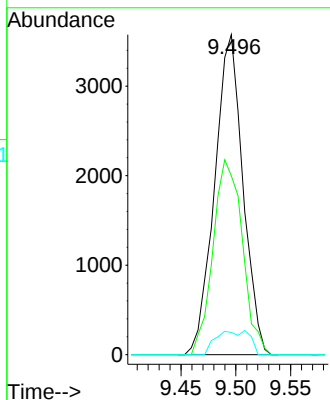
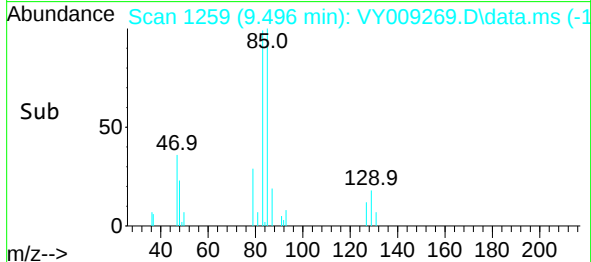
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT2-2022



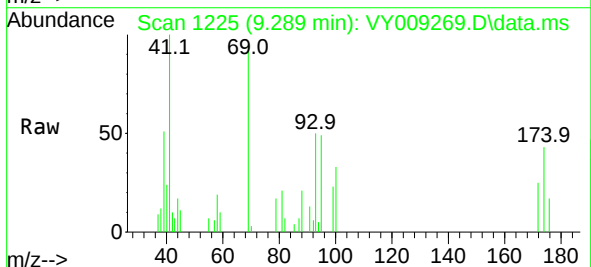
Tgt Ion: 83 Resp: 642
Ion Ratio Lower Upper
83 100
85 55.9 51.9 77.9
127 6.9 6.6 10.0

Manual Integrations
APPROVED

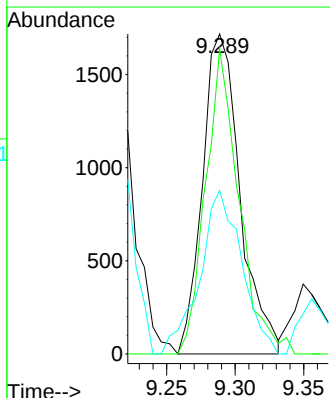
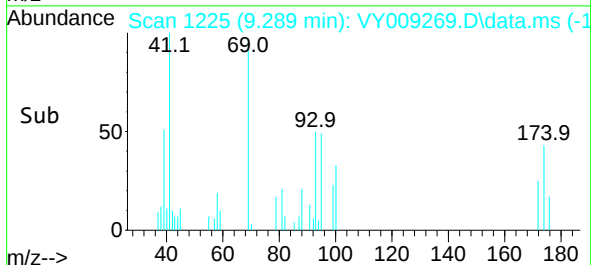
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

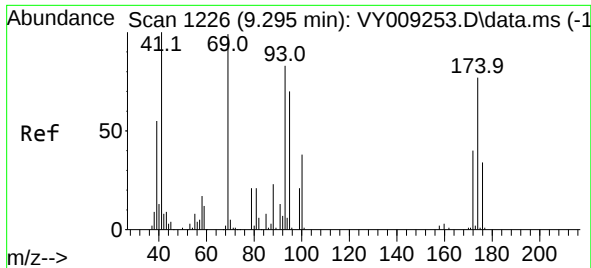


#48
Methyl methacrylate
Concen: 2.786 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



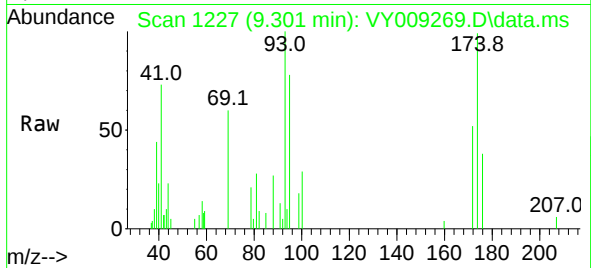
Tgt Ion: 41 Resp: 3277
Ion Ratio Lower Upper
41 100
69 84.9 58.2 87.2
39 57.0 47.4 71.0





#49
1,4-Dioxane
Concen: 60.737 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

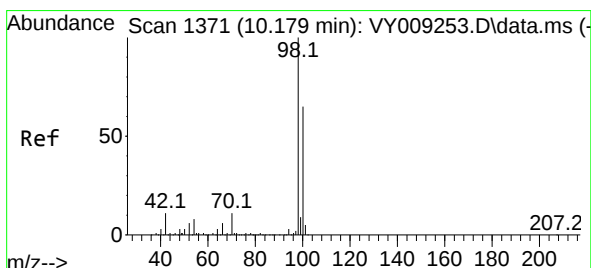
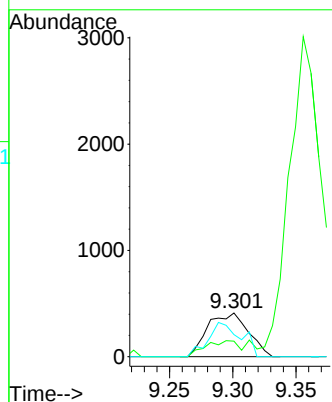
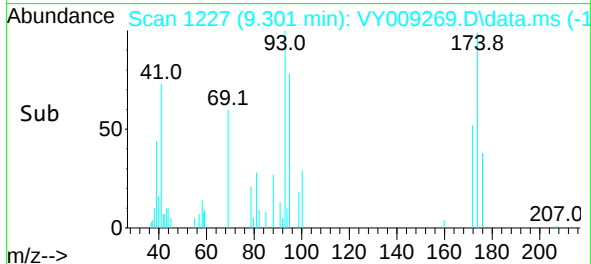
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



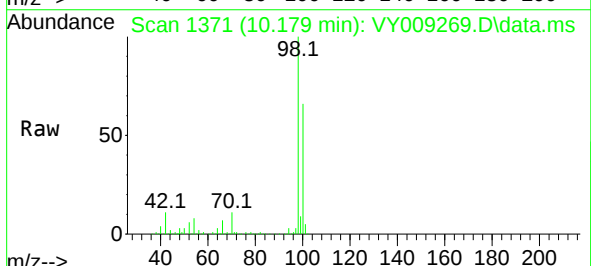
Tgt Ion: 88 Resp: 910
Ion Ratio Lower Upper
88 100
43 29.8 32.8 49.2
58 63.3 59.8 89.6

Manual Integrations
APPROVED

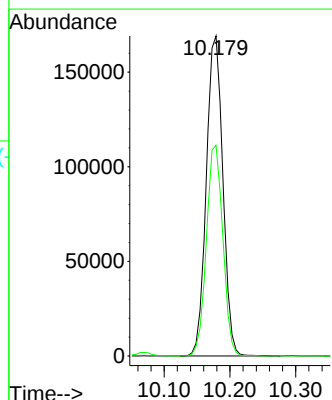
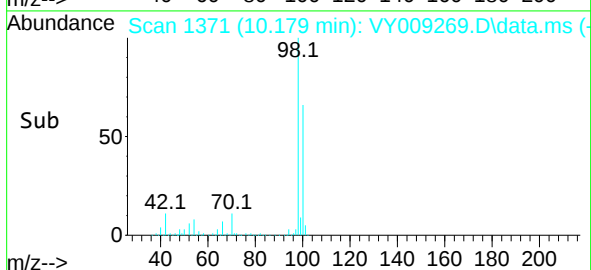
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

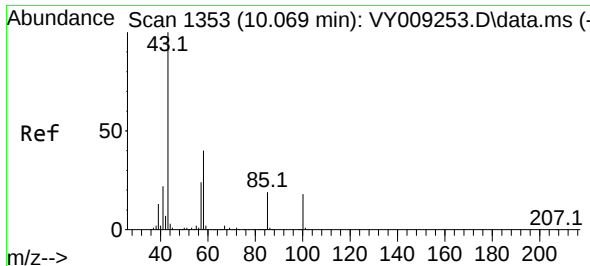


#50
Toluene-d8
Concen: 48.455 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



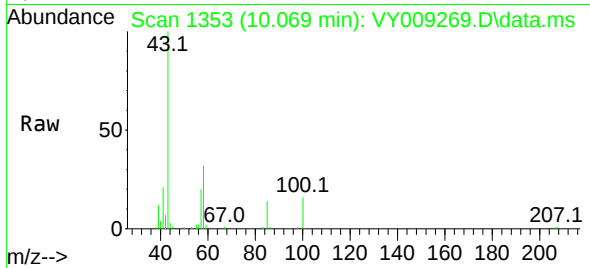
Tgt Ion: 98 Resp: 296186
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 14.807 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

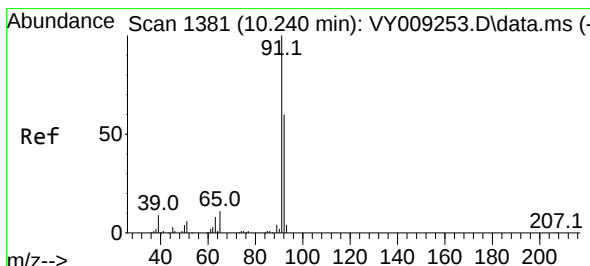
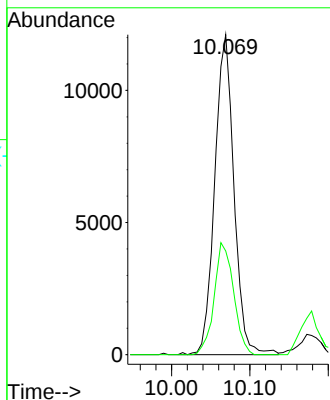
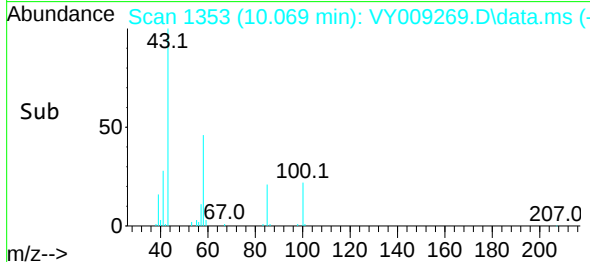
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



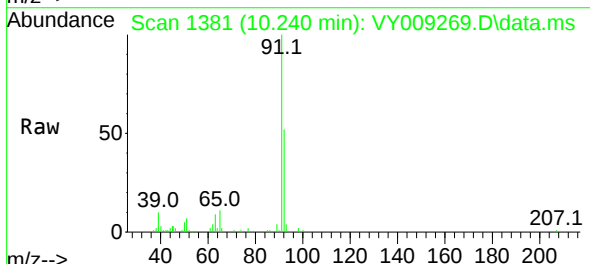
Tgt Ion: 43 Resp: 2066
Ion Ratio Lower Upper
43 100
58 35.4 28.1 42.1

Manual Integrations
APPROVED

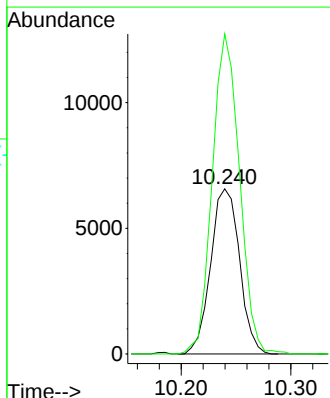
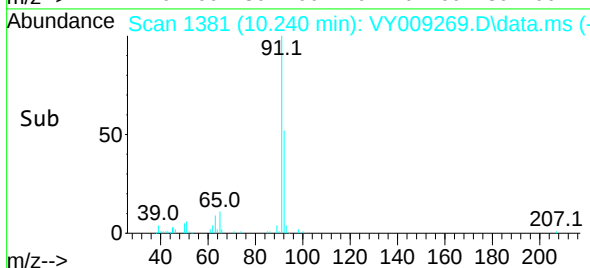
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

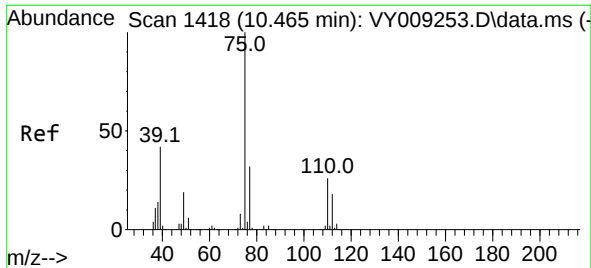


#52
Toluene
Concen: 2.655 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



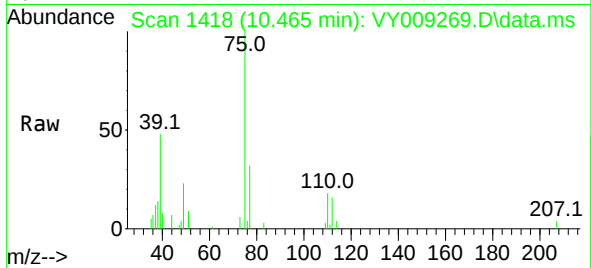
Tgt Ion: 92 Resp: 12021
Ion Ratio Lower Upper
92 100
91 182.9 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 2.557 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

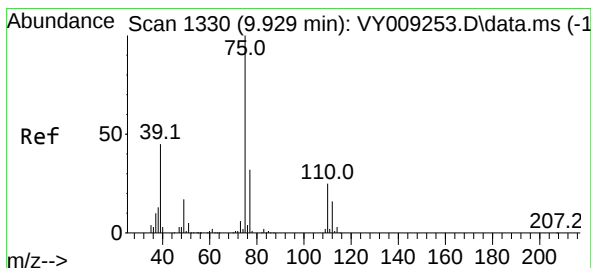
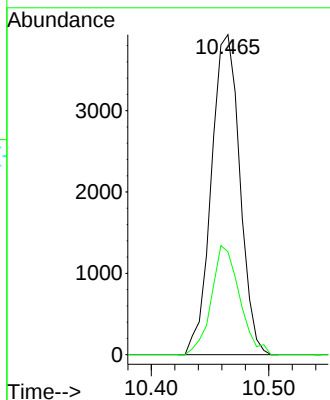
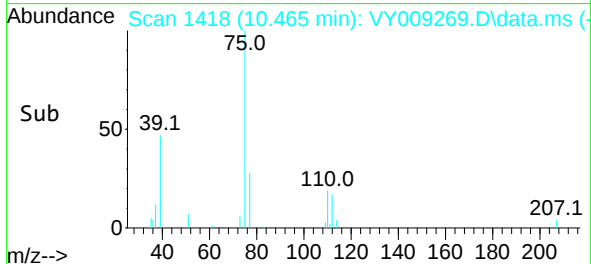
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT2-2022



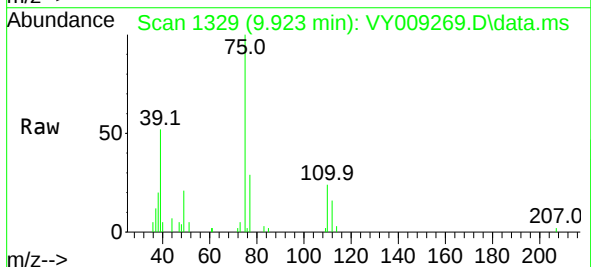
Tgt Ion: 75 Resp: 662
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

Manual Integrations
APPROVED

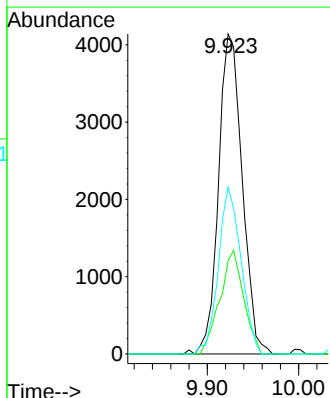
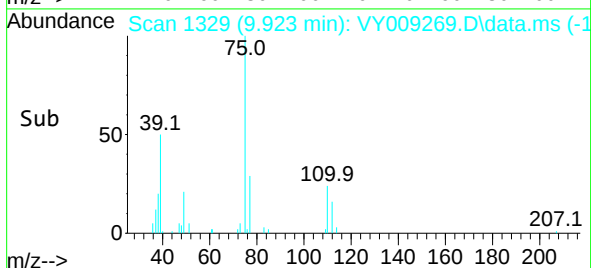
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

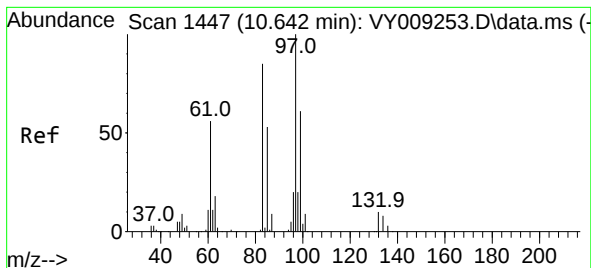


#54
cis-1,3-Dichloropropene
Concen: 2.528 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



Tgt Ion: 75 Resp: 7456
Ion Ratio Lower Upper
75 100
77 29.2 25.6 38.4
39 52.2 47.6 71.4





#55

1,1,2-Trichloroethane

Concen: 2.801 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY009269.D

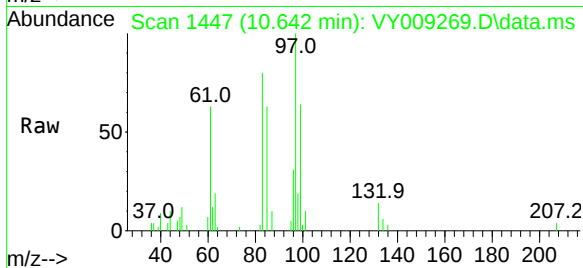
Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022



Tgt Ion: 97 Resp: 4120

Ion Ratio Lower Upper

97 100

83 79.8 69.8 104.8

85 62.9 44.3 66.5

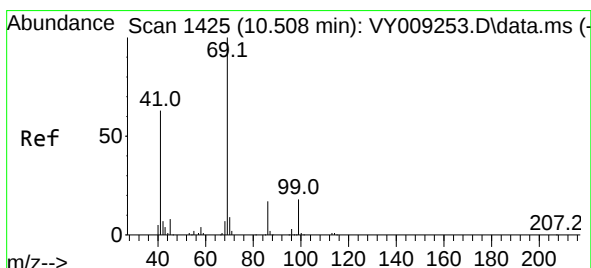
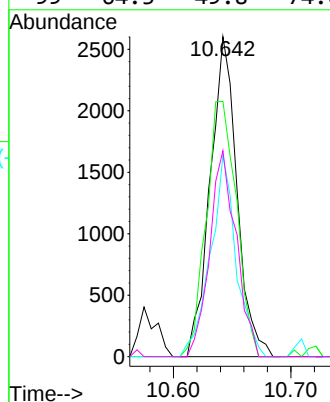
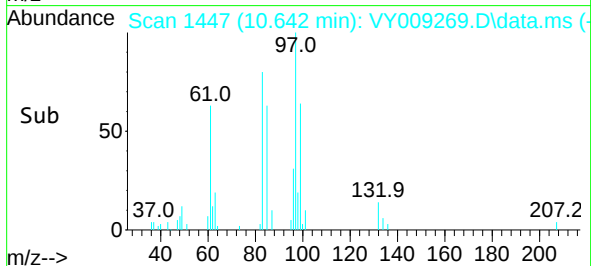
99 64.3 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#56

Ethyl methacrylate

Concen: 2.627 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

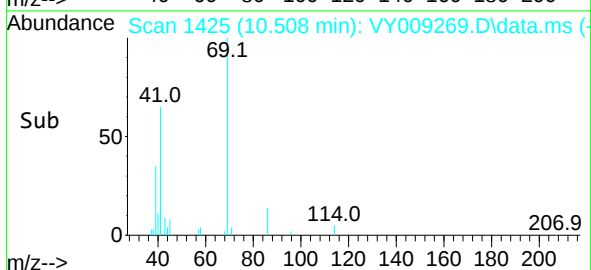
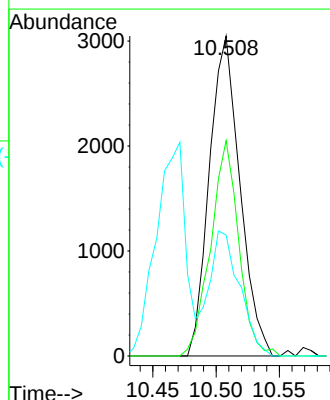
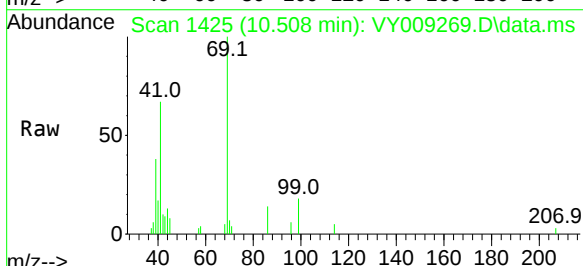
Tgt Ion: 69 Resp: 5120

Ion Ratio Lower Upper

69 100

41 61.9 63.4 95.0#

39 39.2 35.8 53.8





#57

1,3-Dichloropropane

Concen: 2.556 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009269.D

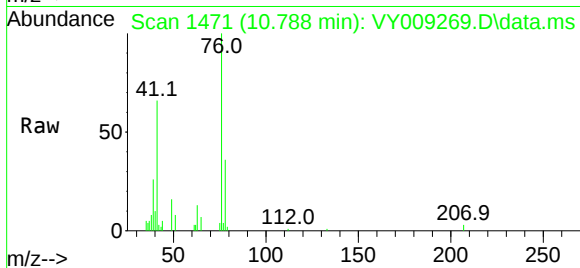
Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022



Tgt Ion: 76 Resp: 644

Ion Ratio Lower Upper

76 100

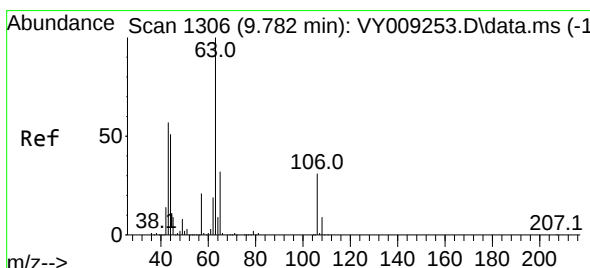
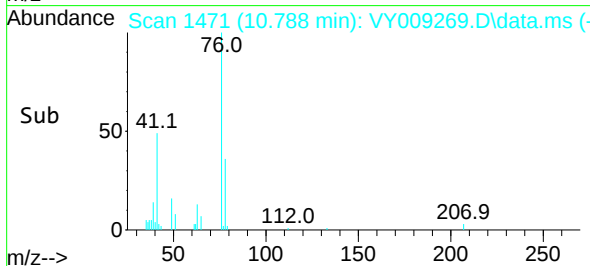
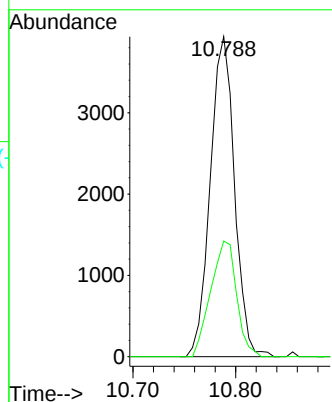
78 38.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 14.814 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY009269.D

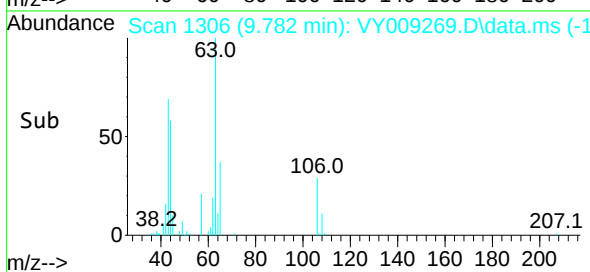
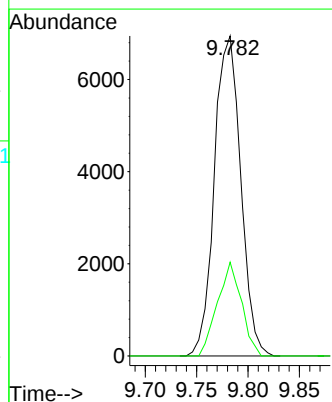
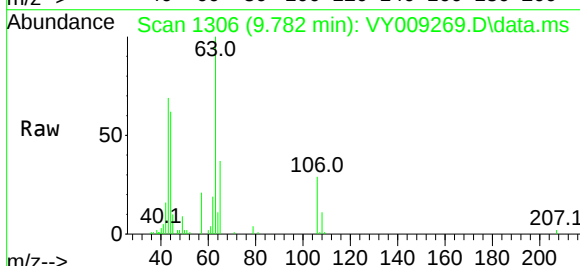
Acq: 22 Jun 2022 13:13

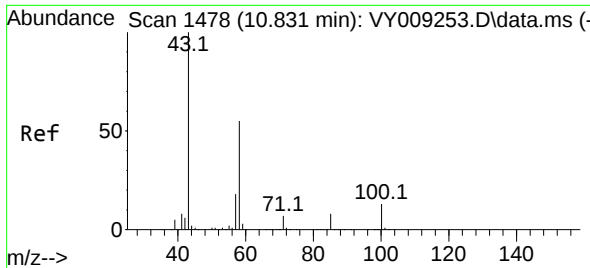
Tgt Ion: 63 Resp: 12384

Ion Ratio Lower Upper

63 100

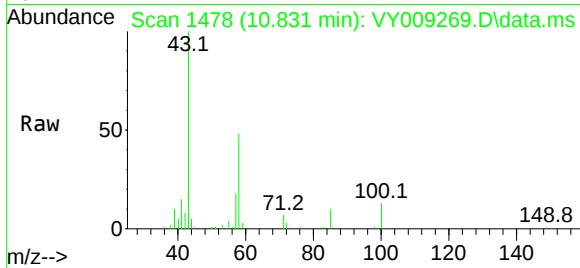
106 26.7 21.5 32.3





#59
2-Hexanone
Concen: 13.715 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

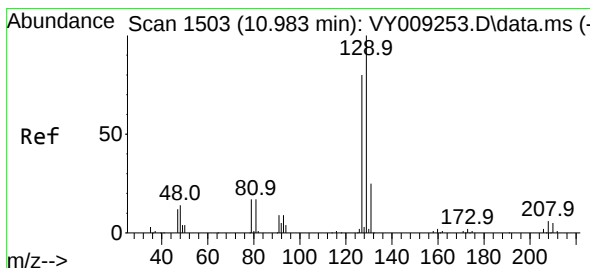
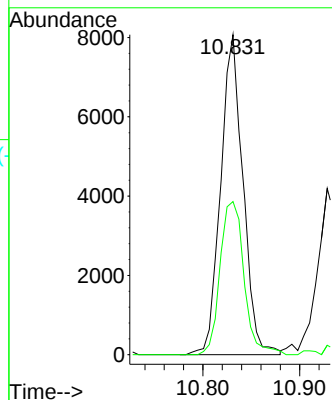
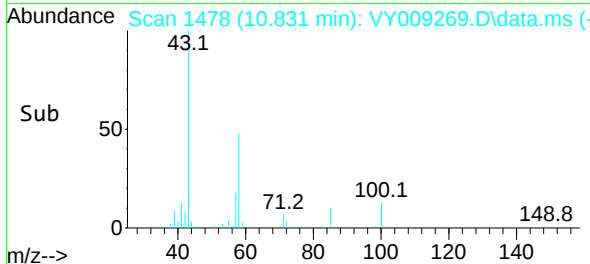
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 43 Resp: 1295
Ion Ratio Lower Upper
43 100
58 51.2 24.4 73.4

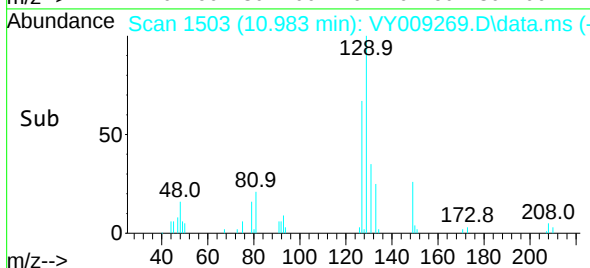
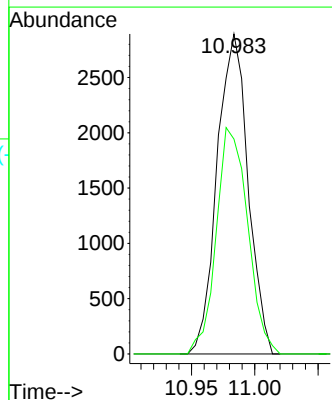
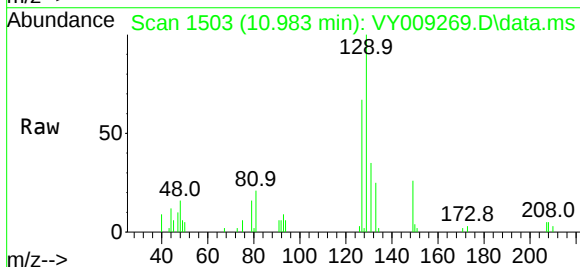
Manual Integrations
APPROVED

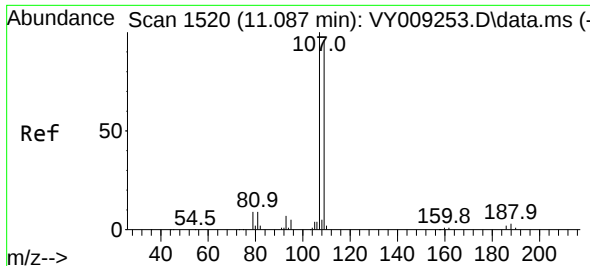
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#60
Dibromochloromethane
Concen: 2.737 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

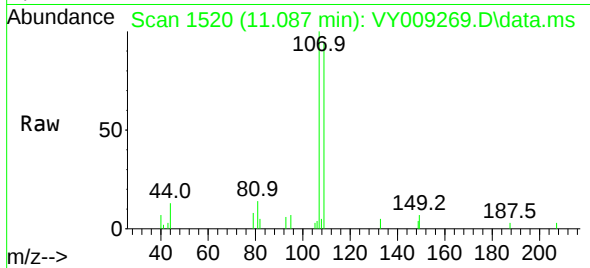
Tgt Ion:129 Resp: 4917
Ion Ratio Lower Upper
129 100
127 71.9 38.7 116.1





#61
1,2-Dibromoethane
Concen: 2.743 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

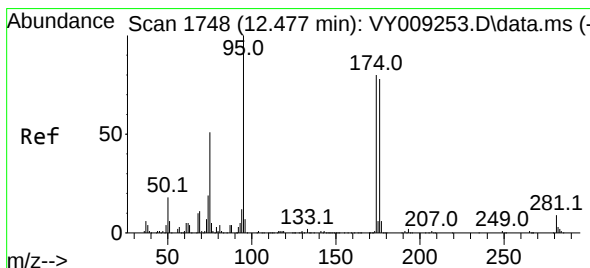
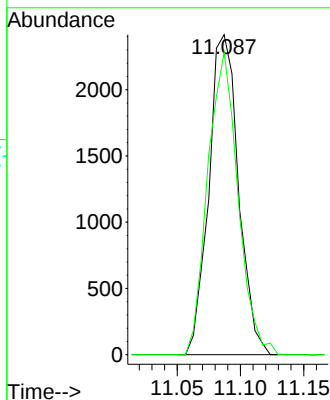
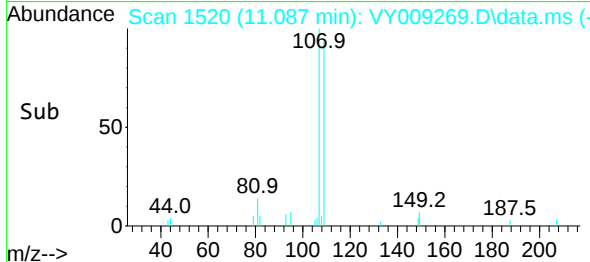
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



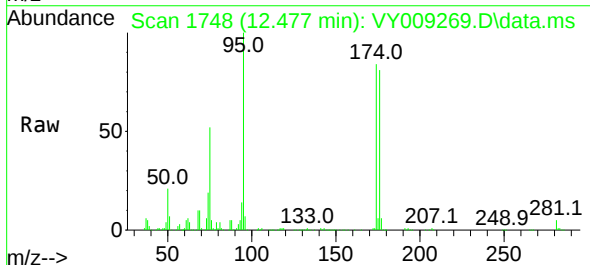
Tgt Ion:107 Resp: 3940
Ion Ratio Lower Upper
107 100
109 96.4 75.4 113.2

Manual Integrations
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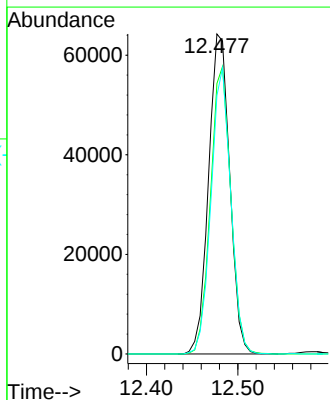
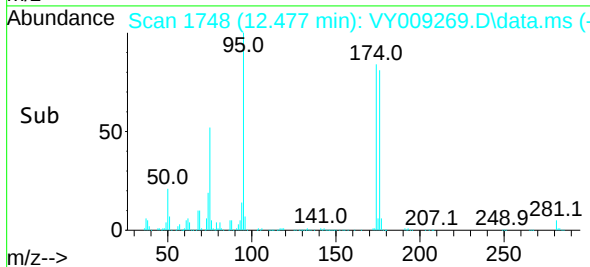
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

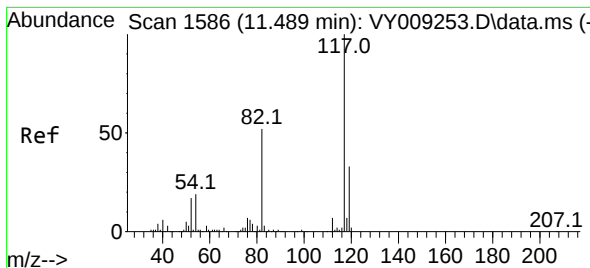


#62
4-Bromofluorobenzene
Concen: 47.993 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



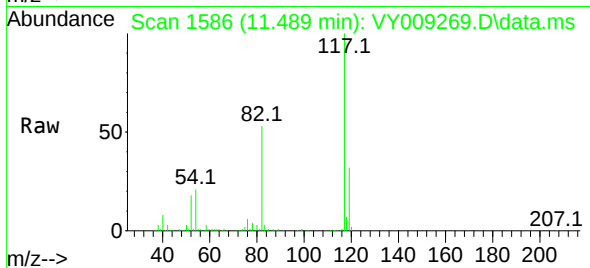
Tgt Ion: 95 Resp: 103084
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 83.8 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

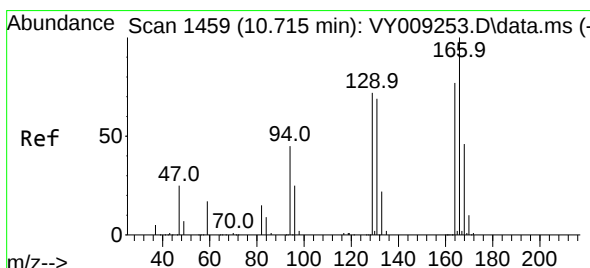
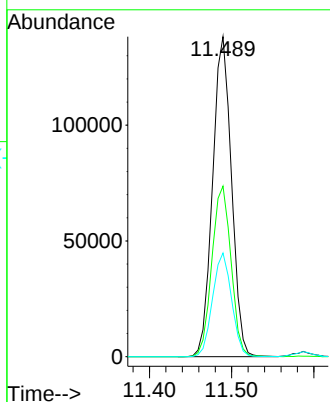
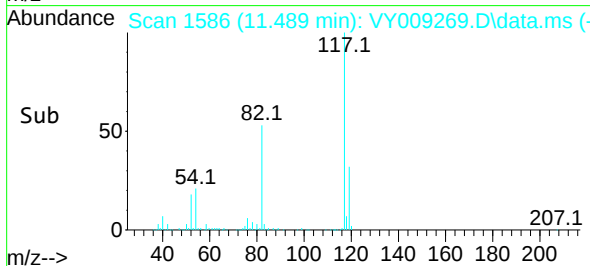
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion:117 Resp: 220708
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.4 25.4 38.0

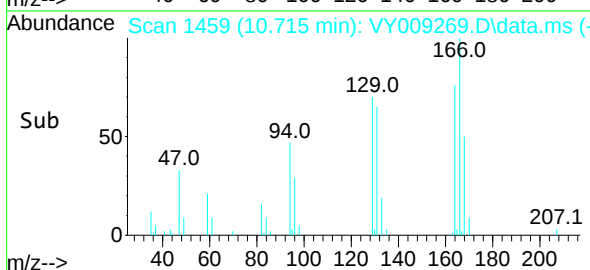
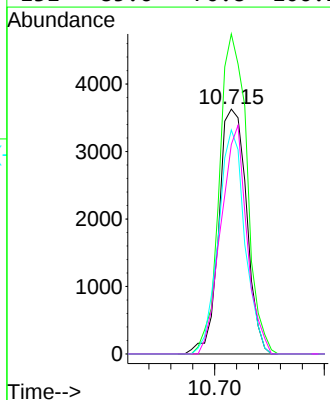
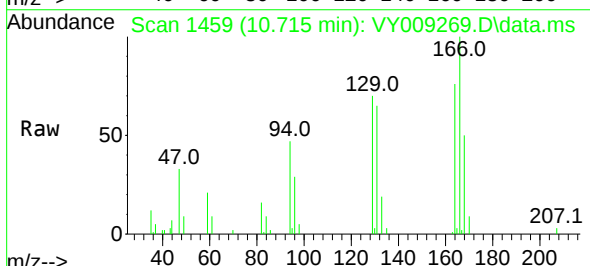
Manual Integrations
APPROVED

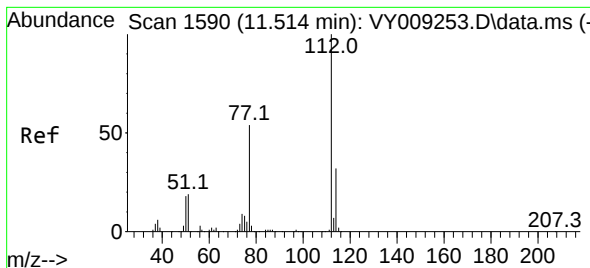
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#64
Tetrachloroethene
Concen: 2.979 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

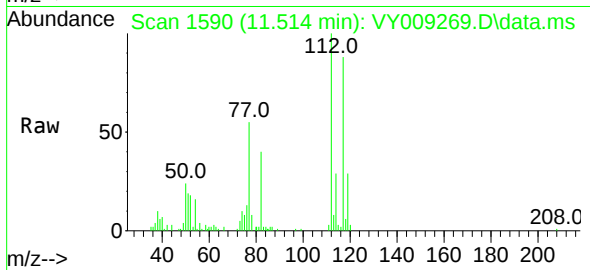
Tgt Ion:164 Resp: 6343
Ion Ratio Lower Upper
164 100
166 130.7 100.4 150.6
129 91.5 71.4 107.0
131 85.6 70.8 106.2





#65
Chlorobenzene
Concen: 2.885 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

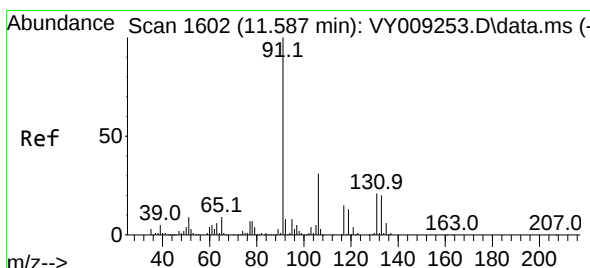
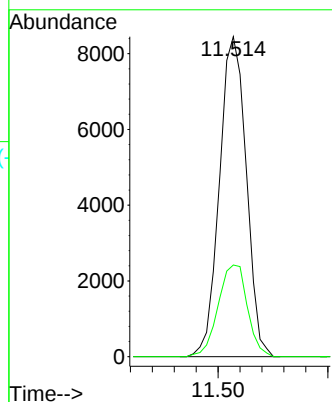
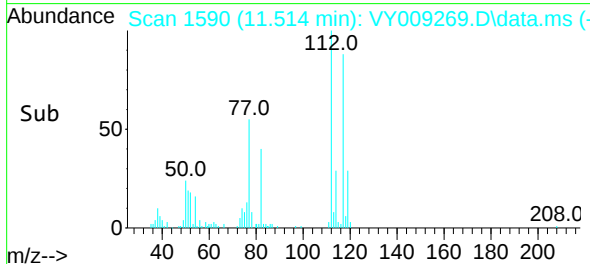
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



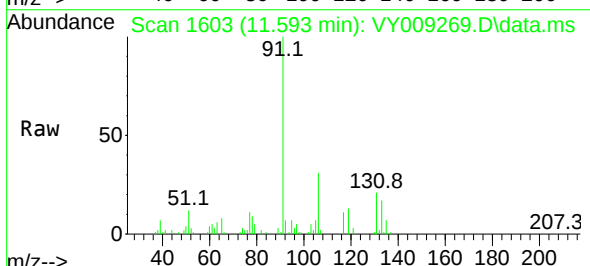
Tgt Ion:112 Resp: 14340
Ion Ratio Lower Upper
112 100
114 28.6 25.8 38.6

Manual Integrations
APPROVED

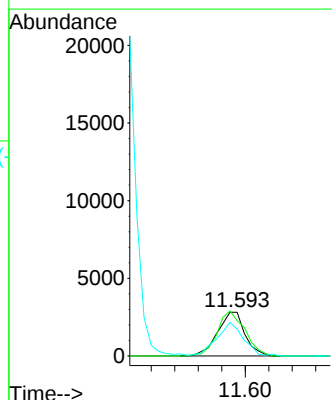
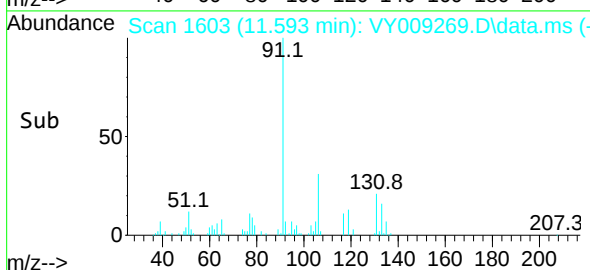
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

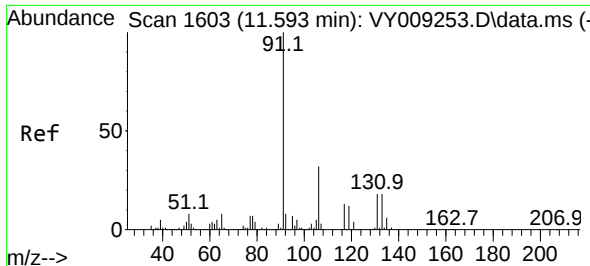


#66
1,1,1,2-Tetrachloroethane
Concen: 2.505 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



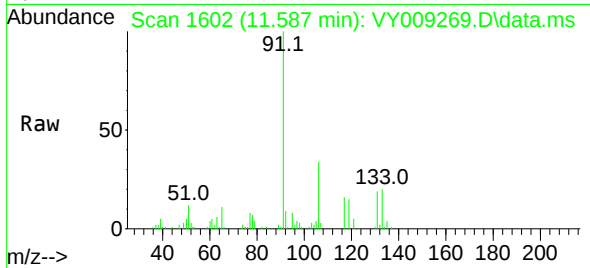
Tgt Ion:131 Resp: 4554
Ion Ratio Lower Upper
131 100
133 104.0 47.9 143.6
119 75.1 30.8 92.3





#67
Ethyl Benzene
Concen: 2.698 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

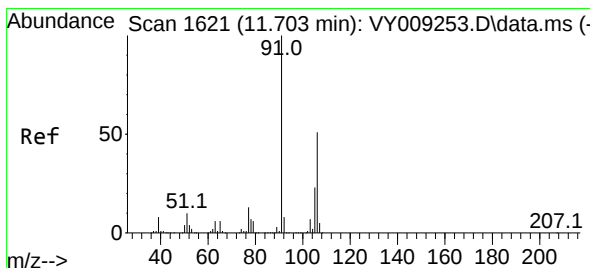
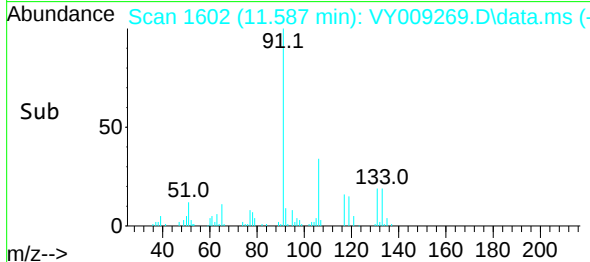
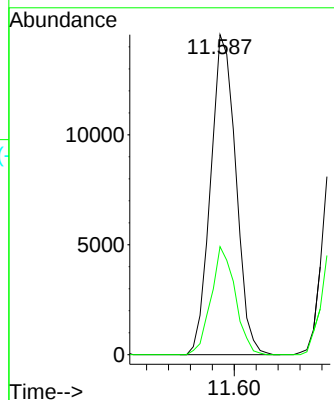
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 91 Resp: 2324
Ion Ratio Lower Upper
91 100
106 33.8 24.5 36.7

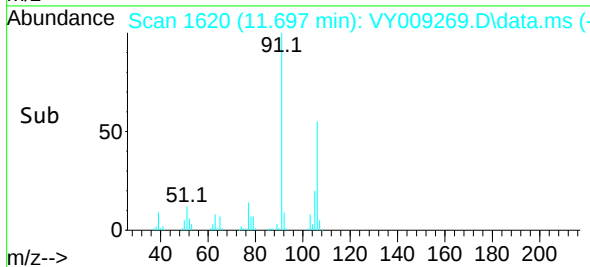
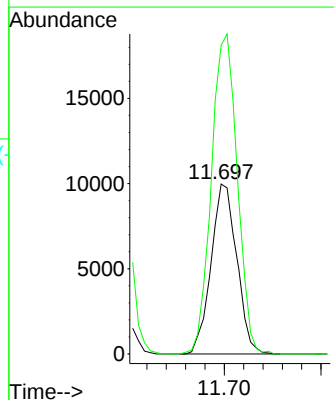
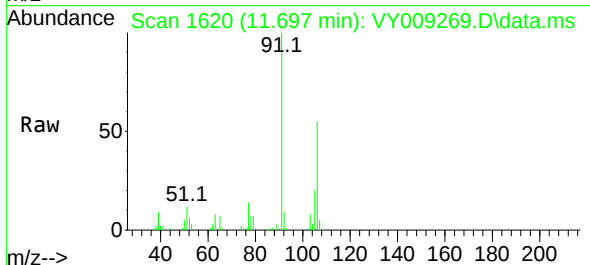
Manual Integrations
APPROVED

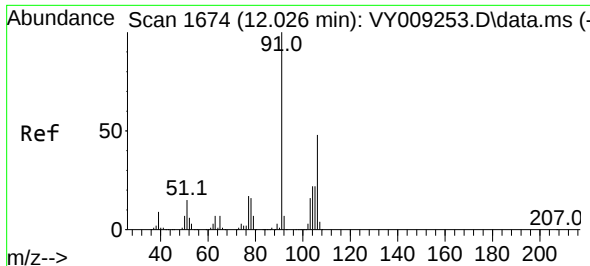
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#68
m/p-Xylenes
Concen: 5.448 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

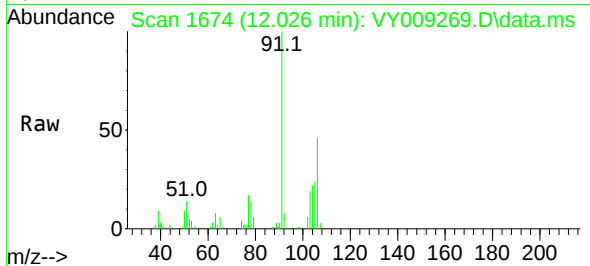
Tgt Ion:106 Resp: 18421
Ion Ratio Lower Upper
106 100
91 189.5 166.6 249.8





#69
o-Xylene
Concen: 2.527 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

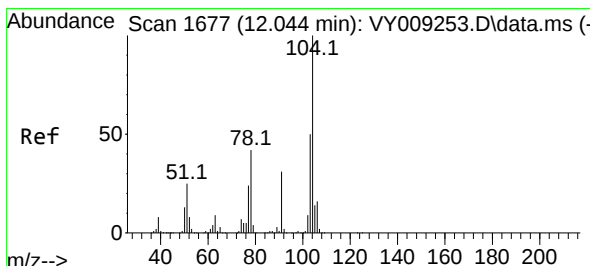
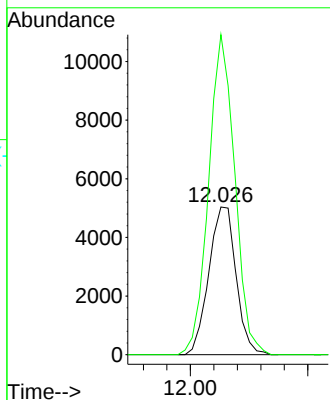
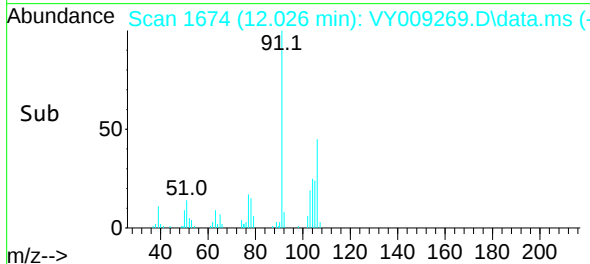
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT2-2022



Tgt Ion:106 Resp: 8124
Ion Ratio Lower Upper
106 100
91 207.7 110.3 331.0

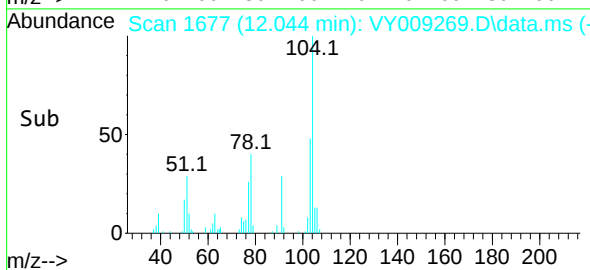
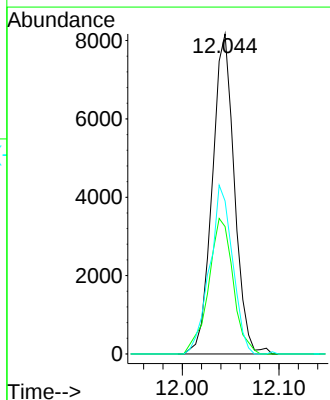
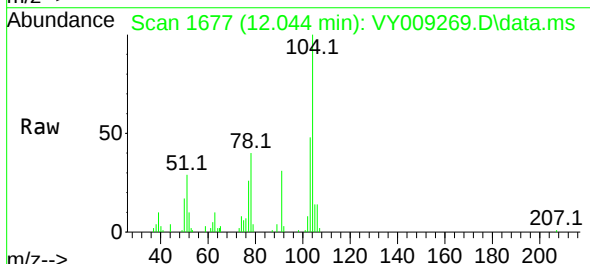
Manual Integrations
APPROVED

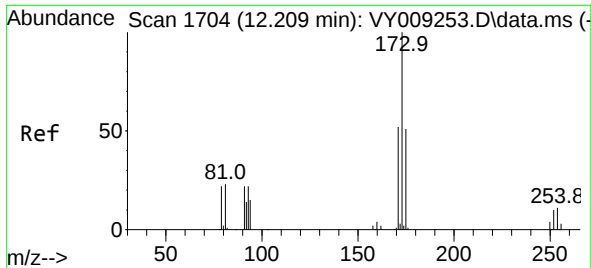
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#70
Styrene
Concen: 2.429 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

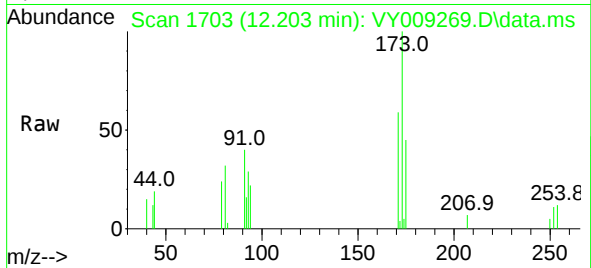
Tgt Ion:104 Resp: 12952
Ion Ratio Lower Upper
104 100
78 47.1 42.4 63.6
103 54.5 44.4 66.6





#71
Bromoform
Concen: 2.663 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

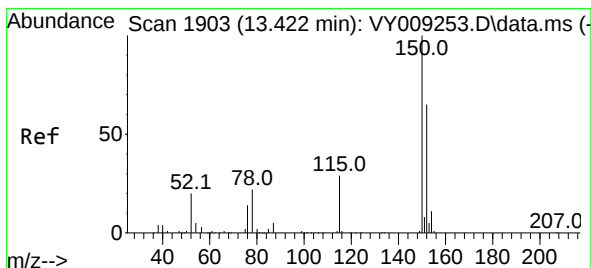
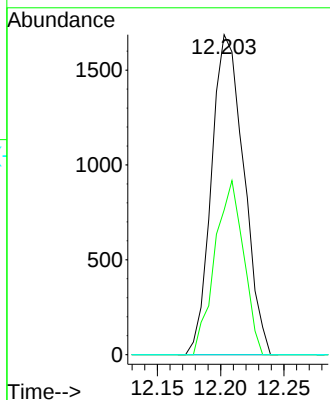
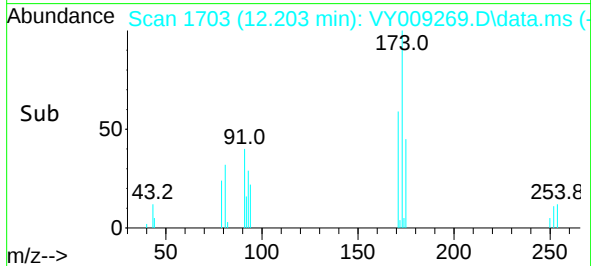
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



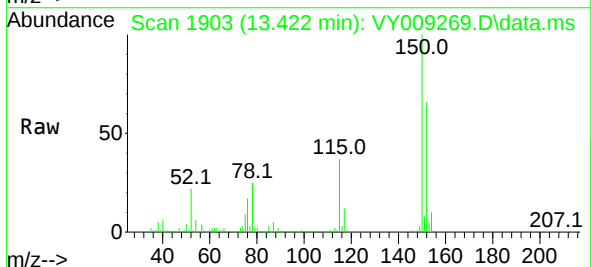
Tgt Ion:173 Resp: 2992
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

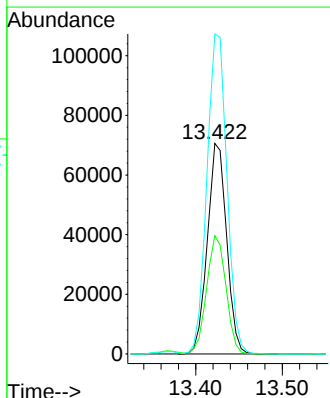
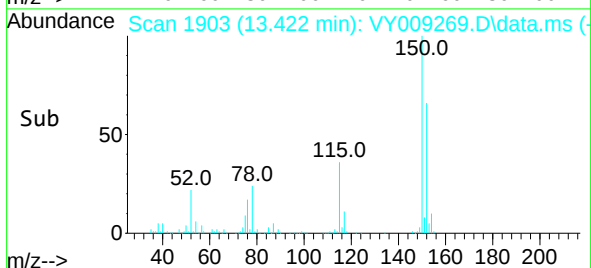
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

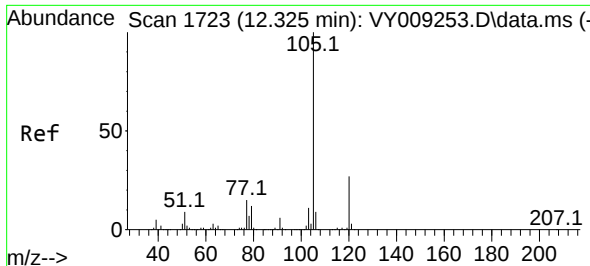


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



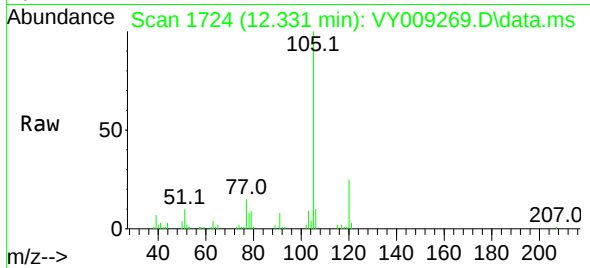
Tgt Ion:152 Resp: 109126
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 157.8 0.0 347.6





#73
Isopropylbenzene
Concen: 2.429 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

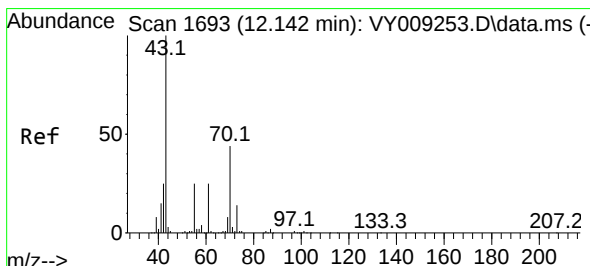
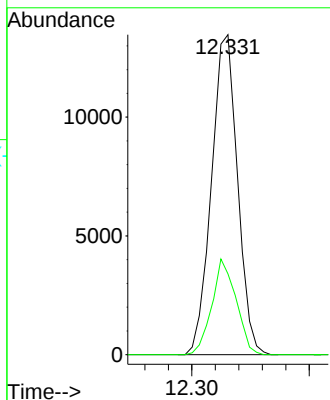
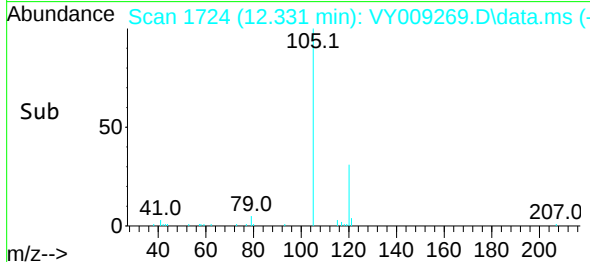
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 105 Resp: 20790
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2

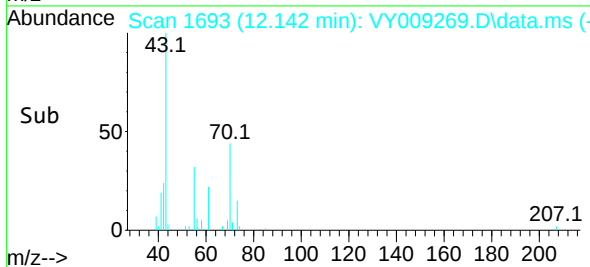
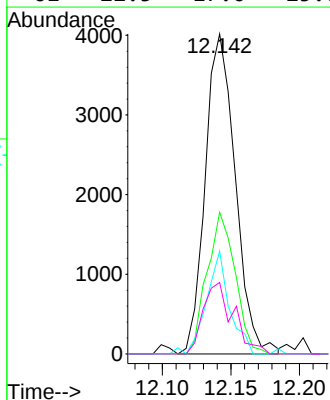
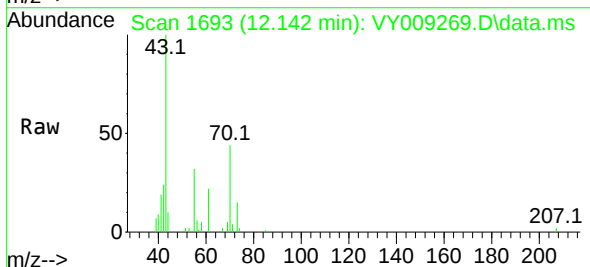
Manual Integrations
APPROVED

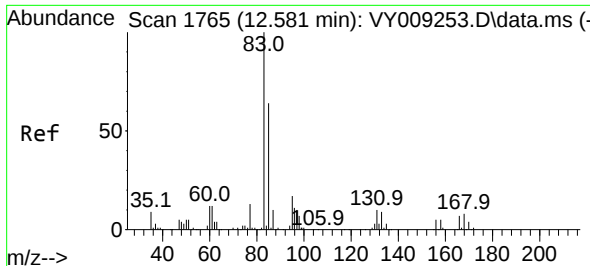
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#74
N-ethyl acetate
Concen: 2.679 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

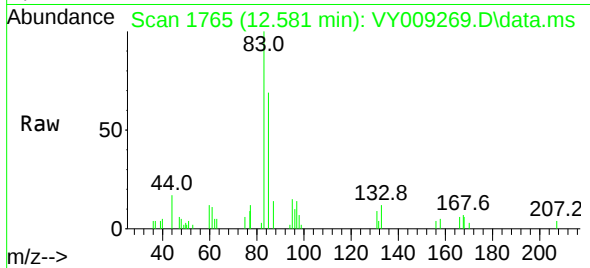
Tgt Ion: 43 Resp: 6126
Ion Ratio Lower Upper
43 100
70 41.3 28.7 43.1
55 24.7 17.3 25.9
61 22.5 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 2.852 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

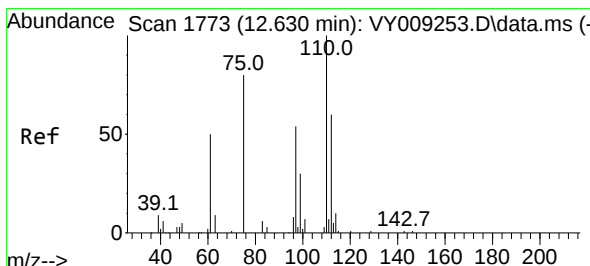
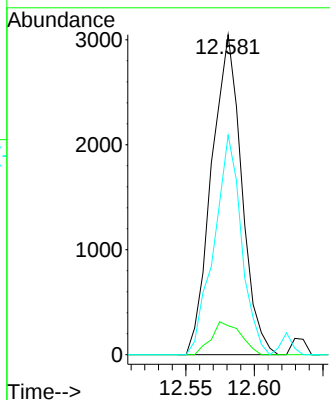
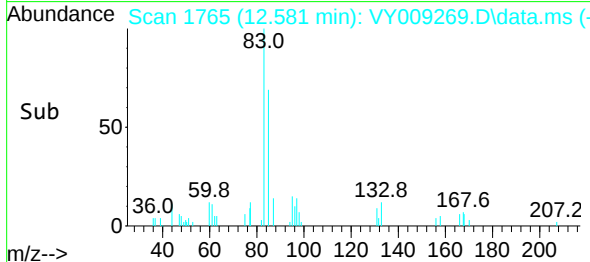
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT2-2022



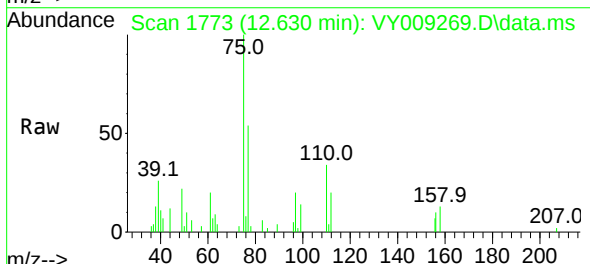
Tgt Ion: 83 Resp: 464
Ion Ratio Lower Upper
83 100
131 10.0 5.6 16.8
85 62.6 32.3 96.8

Manual Integrations
APPROVED

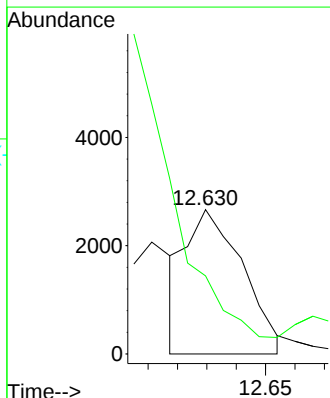
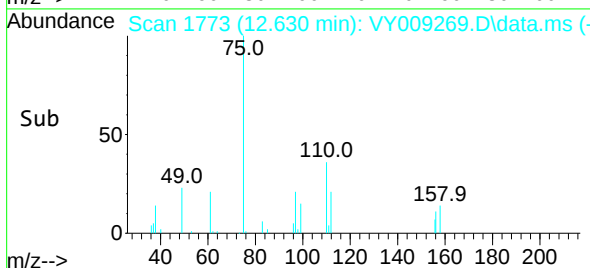
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

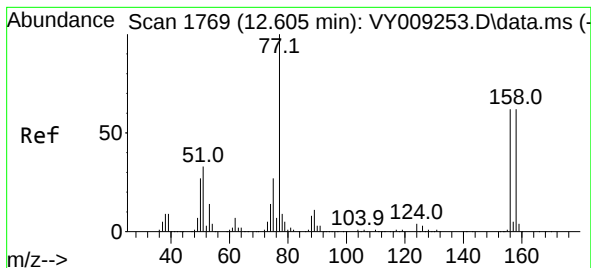


#76
1,2,3-Trichloropropane
Concen: 2.808 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



Tgt Ion: 75 Resp: 3593
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.777 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

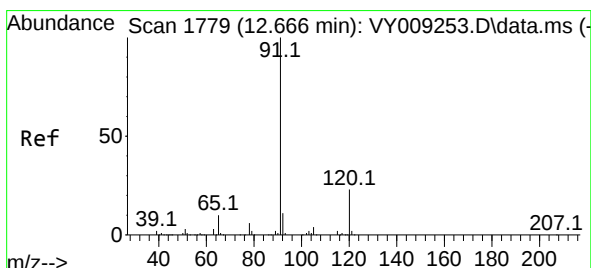
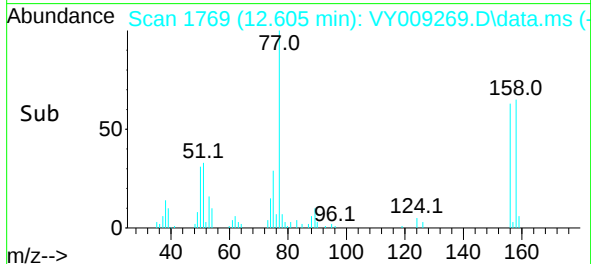
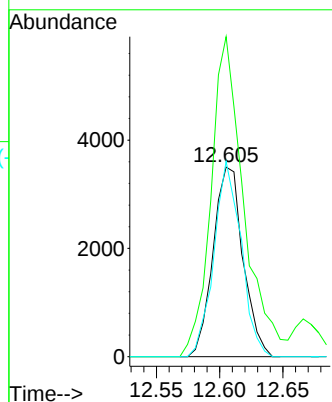
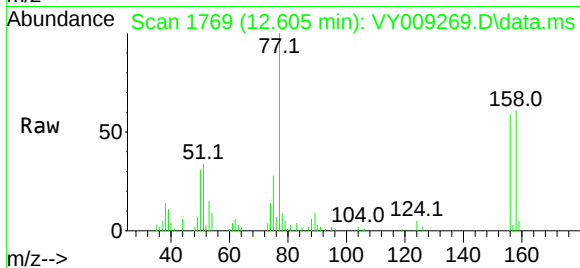
MDL-SOIL-03-QT2-2022

Tgt Ion:	156	Resp:	5774
Ion Ratio	Lower	Upper	
156	100		
77	184.9	95.5	286.4
158	93.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#78

n-propylbenzene

Concen: 2.642 ug/l

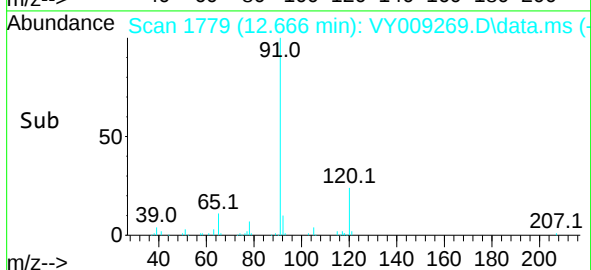
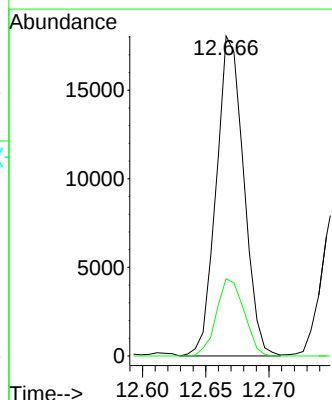
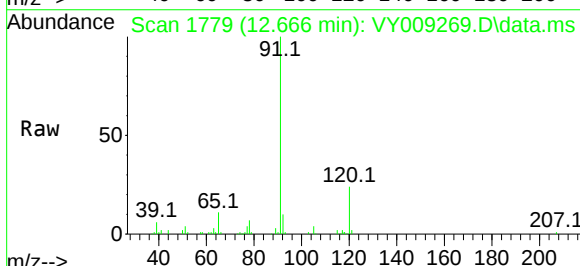
RT: 12.666 min Scan# 1779

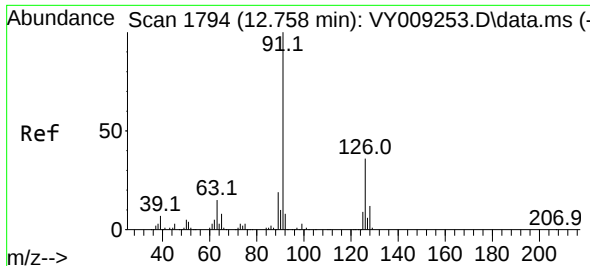
Delta R.T. 0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

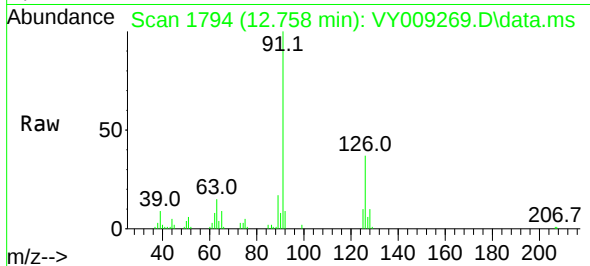
Tgt Ion:	91	Resp:	27256
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.3	33.9





#79
2-Chlorotoluene
Concen: 2.708 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

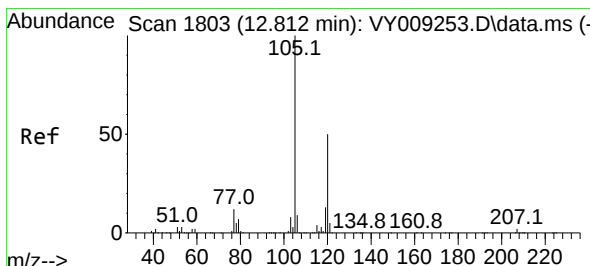
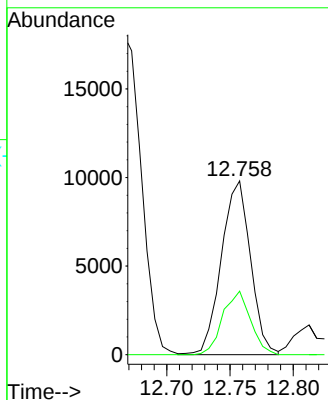
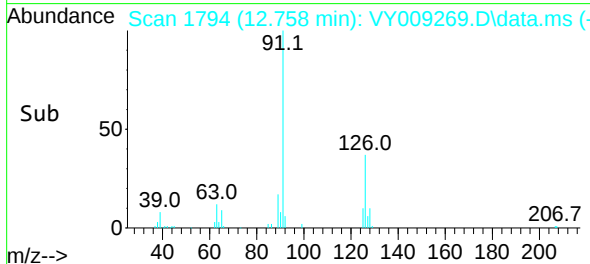
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



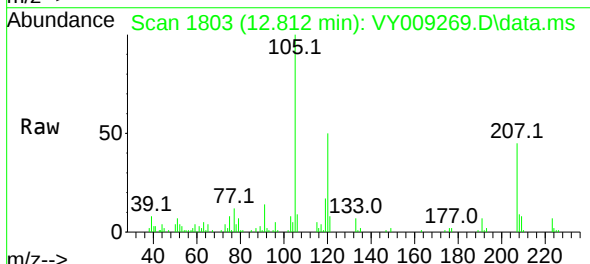
Tgt Ion: 91 Resp: 15730
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.6

Manual Integrations
APPROVED

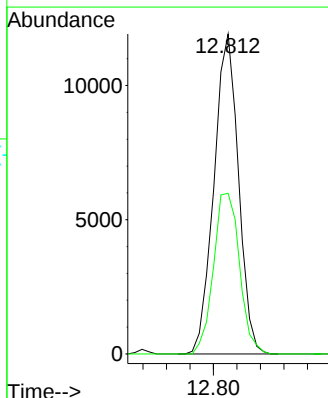
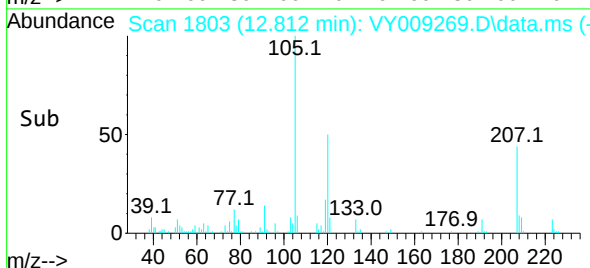
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

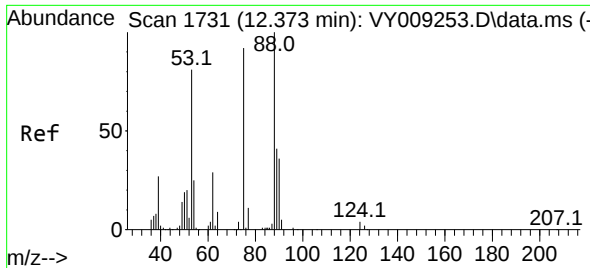


#80
1,3,5-Trimethylbenzene
Concen: 2.429 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



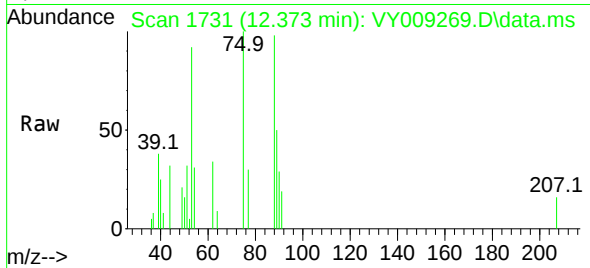
Tgt Ion:105 Resp: 17262
Ion Ratio Lower Upper
105 100
120 53.5 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.524 ug/l m
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

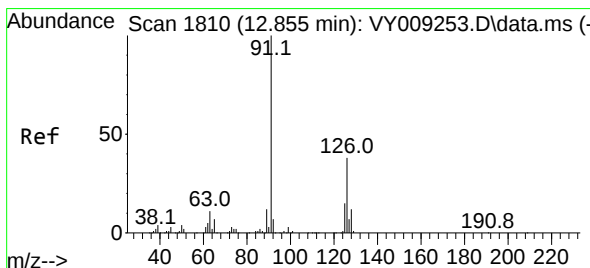
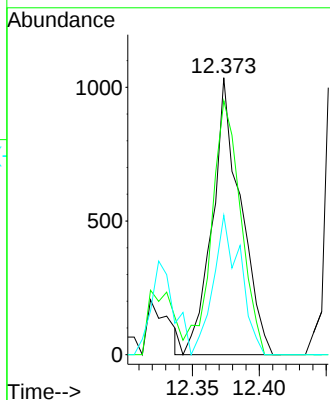
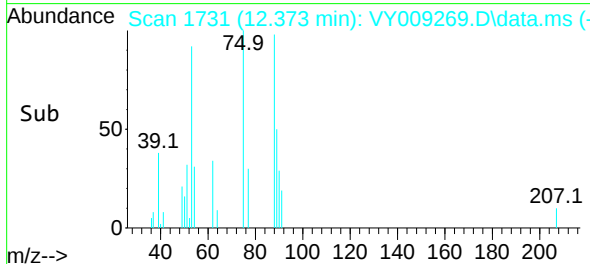
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion: 75 Resp: 1523
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9
89 1.8 37.0 55.4

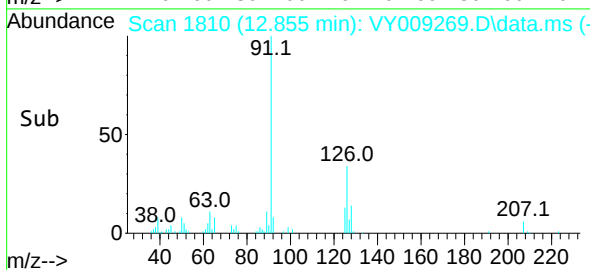
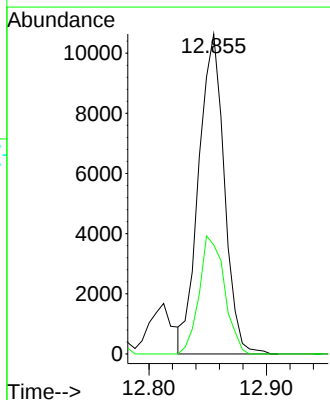
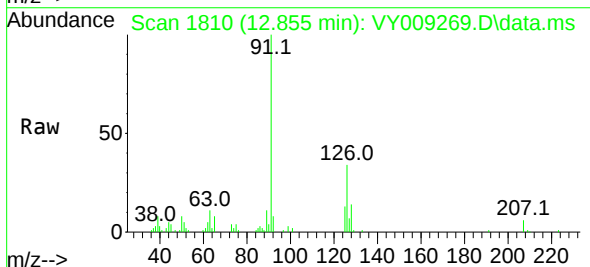
Manual Integrations
APPROVED

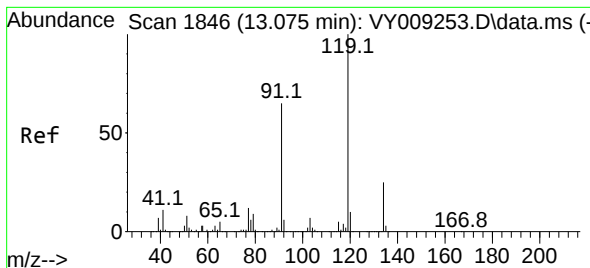
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#82
4-Chlorotoluene
Concen: 2.647 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 91 Resp: 16043
Ion Ratio Lower Upper
91 100
126 36.4 17.0 51.0





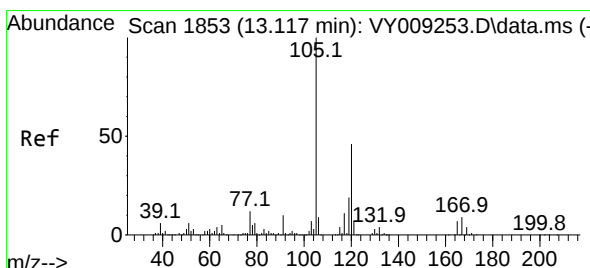
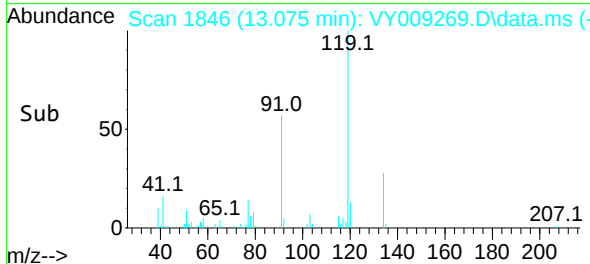
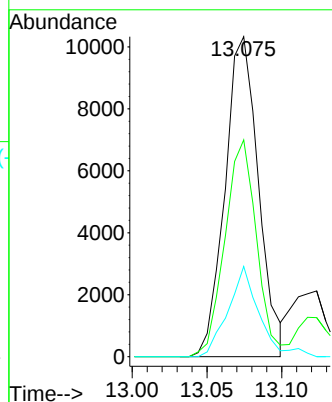
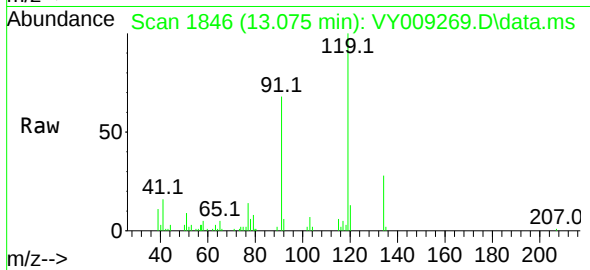
#83
tert-Butylbenzene
Concen: 2.601 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT2-2022

Tgt Ion:119 Resp: 1612
Ion Ratio Lower Upper
119 100
91 63.6 34.8 104.4
134 26.2 13.3 39.9

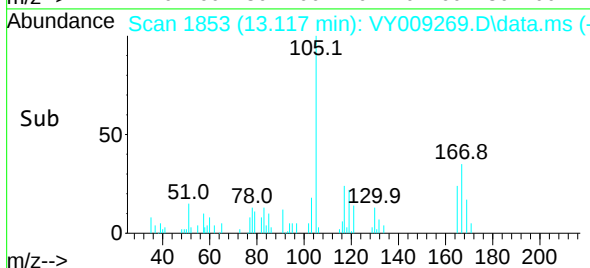
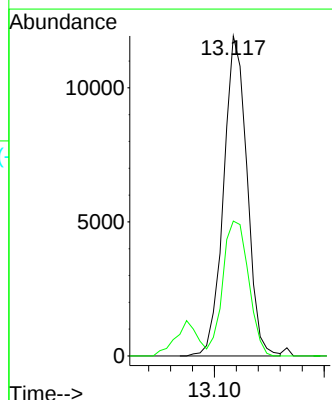
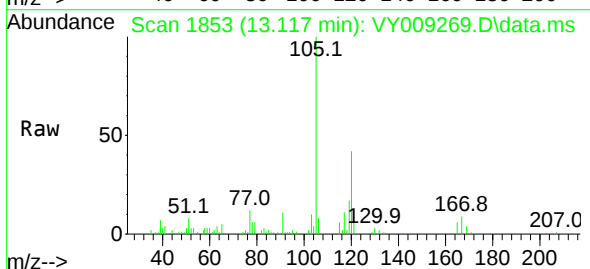
Manual Integrations
APPROVED

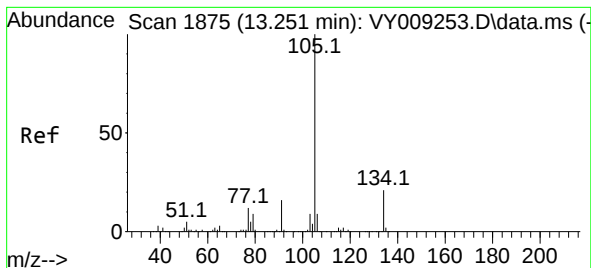
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 2.537 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:105 Resp: 17672
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 2.578 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

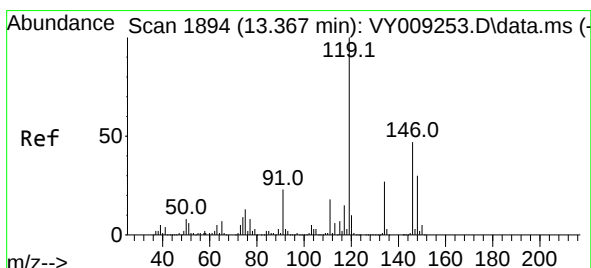
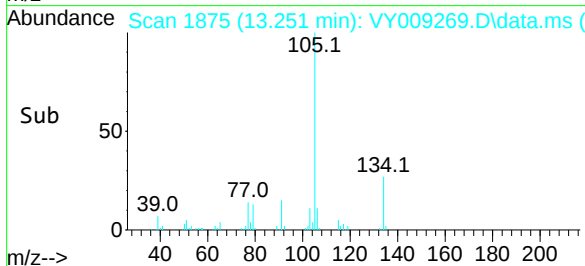
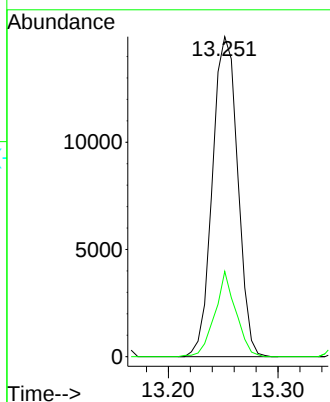
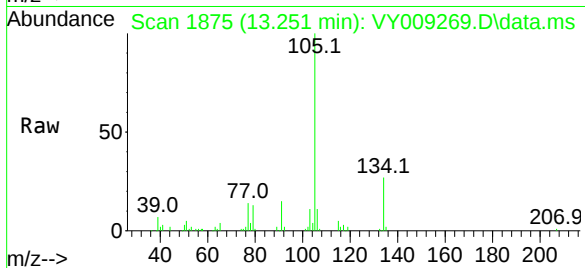
ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion:105 Resp: 23918
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.2 30.4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022



#86

p-Isopropyltoluene

Concen: 2.514 ug/l

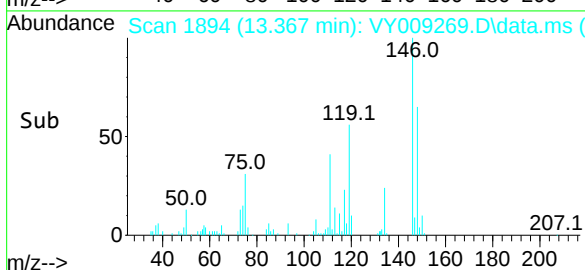
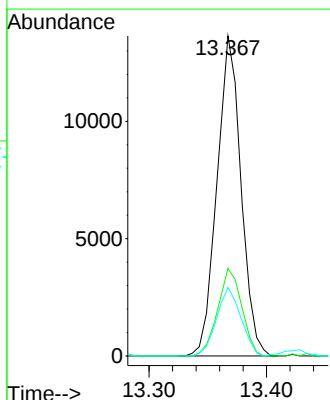
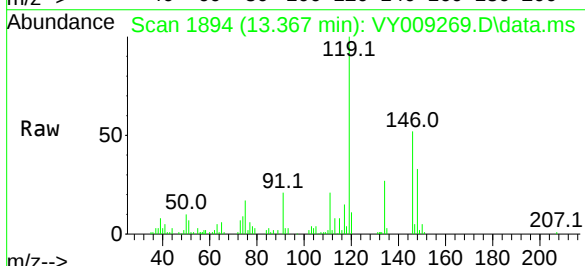
RT: 13.367 min Scan# 1894

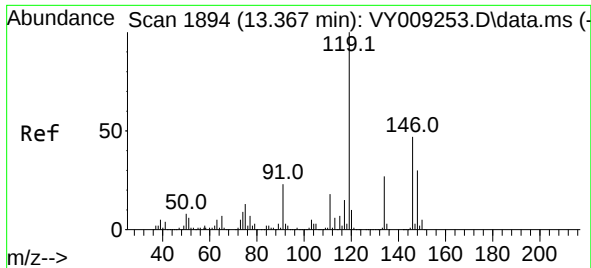
Delta R.T. 0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

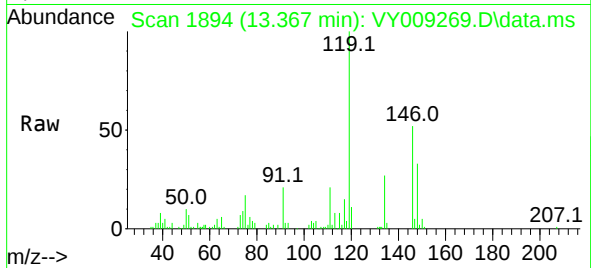
Tgt Ion:119 Resp: 19390
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.5
 91 21.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 2.954 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

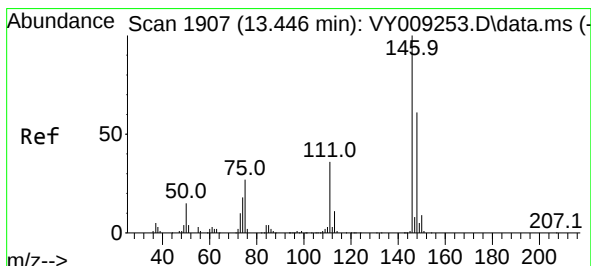
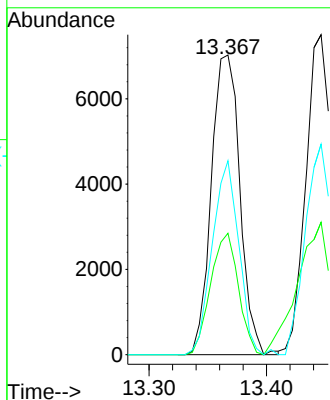
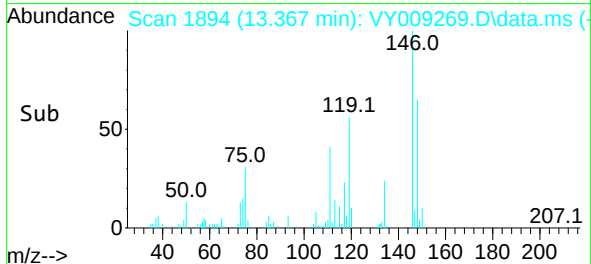
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



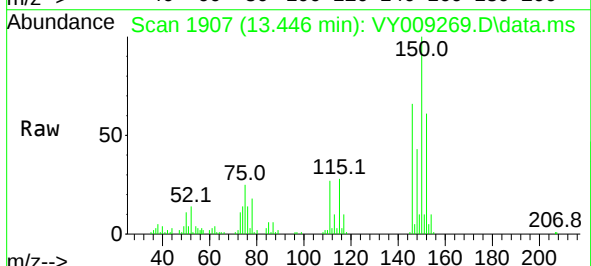
Tgt Ion:146 Resp: 1187
Ion Ratio Lower Upper
146 100
111 39.4 19.5 58.5
148 60.2 31.6 95.0

Manual Integrations
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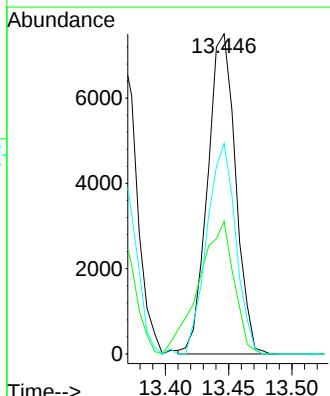
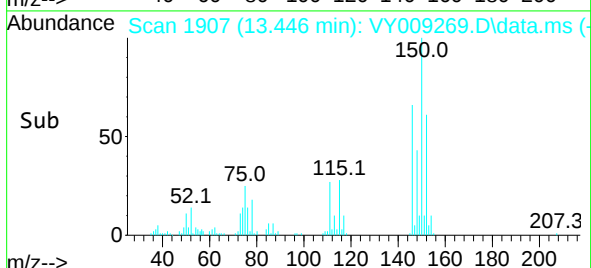
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

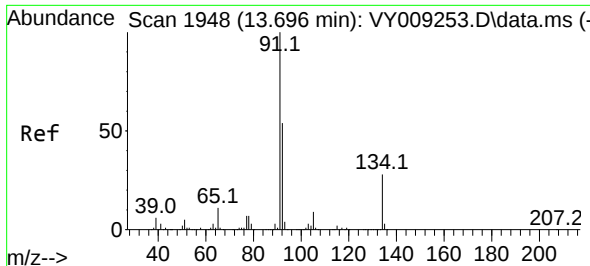


#88
1,4-Dichlorobenzene
Concen: 2.867 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13



Tgt Ion:146 Resp: 11562
Ion Ratio Lower Upper
146 100
111 52.0 19.3 57.8
148 67.6 32.6 97.8





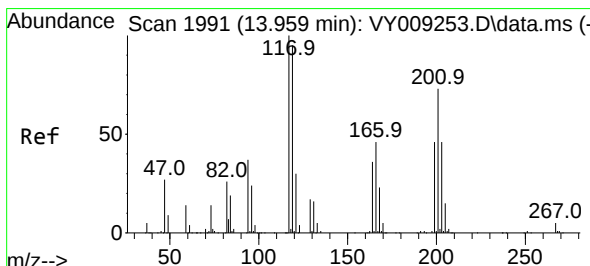
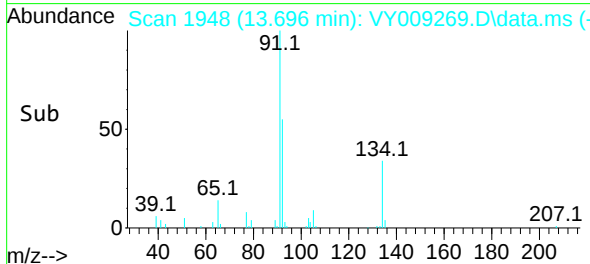
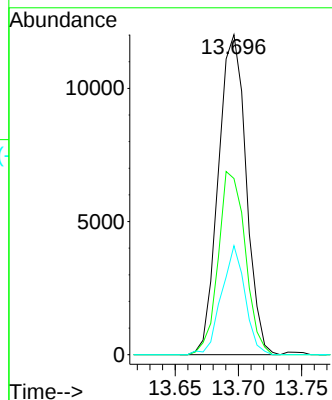
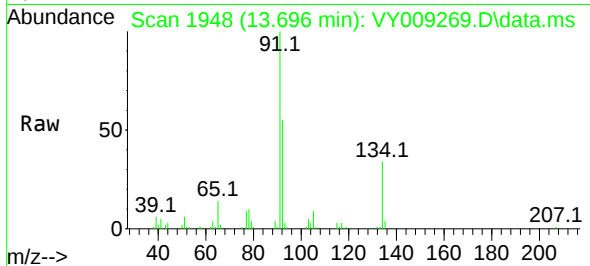
#89
n-Butylbenzene
Concen: 2.555 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion: 91 Resp: 18350
Ion Ratio Lower Upper
91 100
92 55.6 26.3 78.9
134 28.9 13.0 38.9

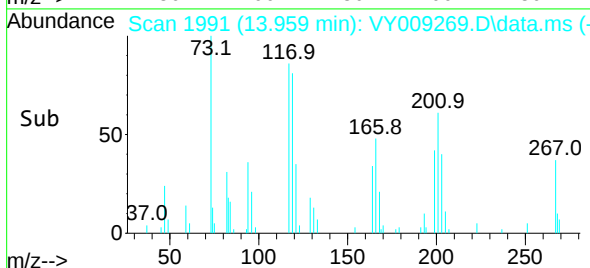
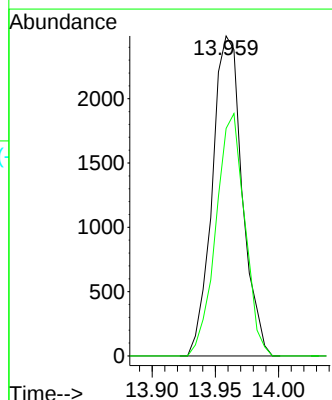
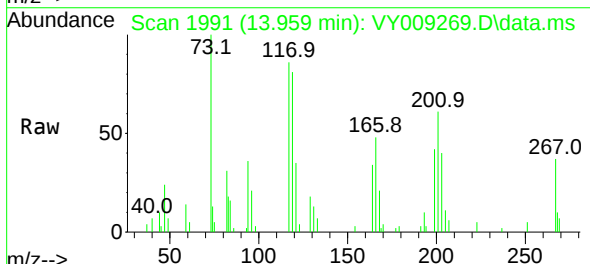
Manual Integrations
APPROVED

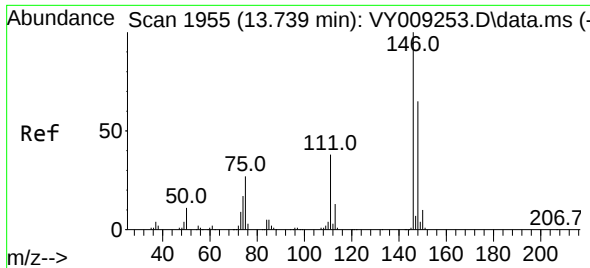
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#90
Hexachloroethane
Concen: 2.803 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:117 Resp: 4101
Ion Ratio Lower Upper
117 100
201 72.6 43.0 128.8





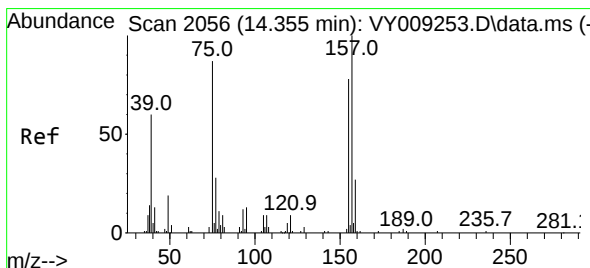
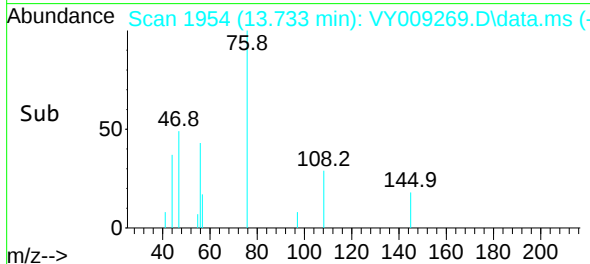
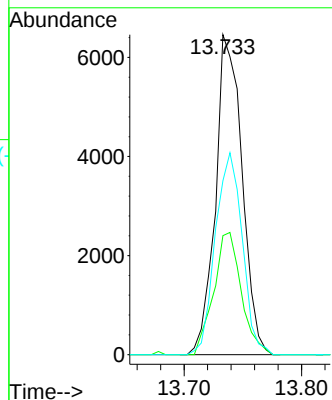
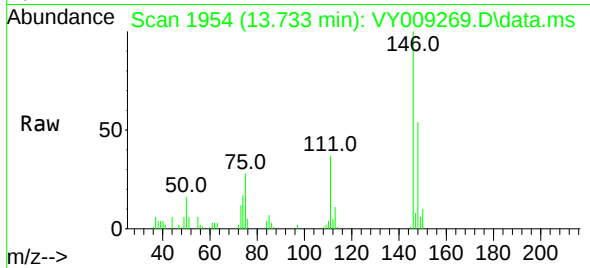
#91
1,2-Dichlorobenzene
Concen: 2.806 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT2-2022

Tgt Ion:146 Resp: 1013
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.9
148 64.1 32.3 96.9

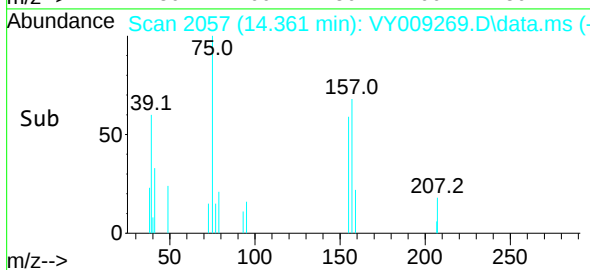
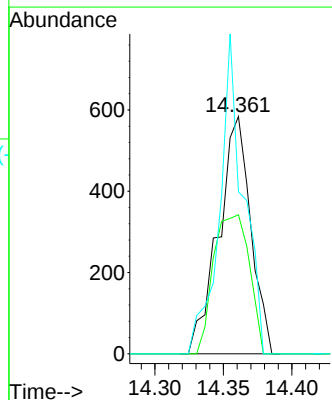
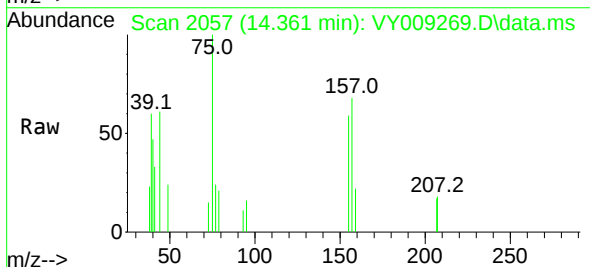
Manual Integrations
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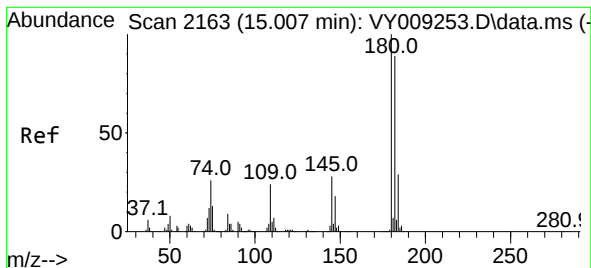
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.295 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 75 Resp: 956
Ion Ratio Lower Upper
75 100
155 65.2 38.0 113.9
157 99.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 2.561 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009269.D

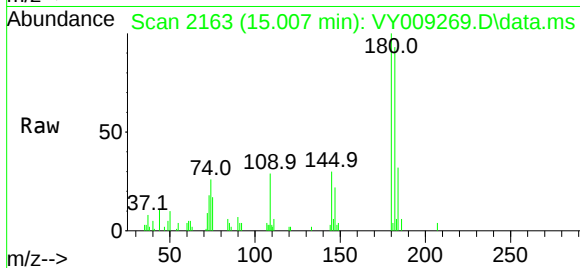
Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

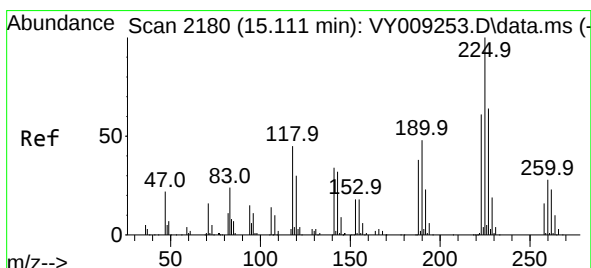
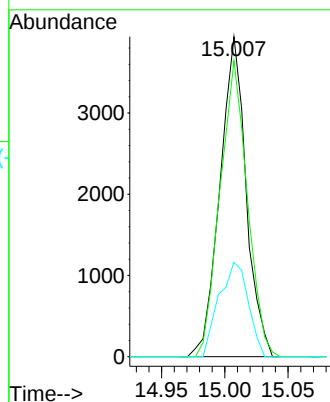
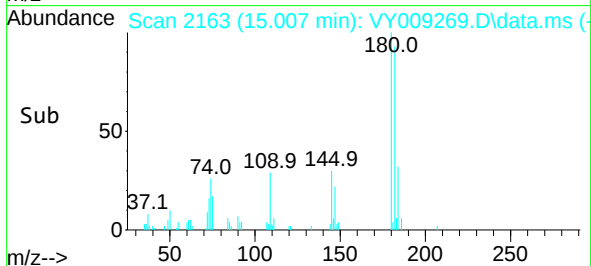


Tgt Ion:	180	Resp:	565
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.3	141.9
145	32.9	14.6	43.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#94

Hexachlorobutadiene

Concen: 2.937 ug/l

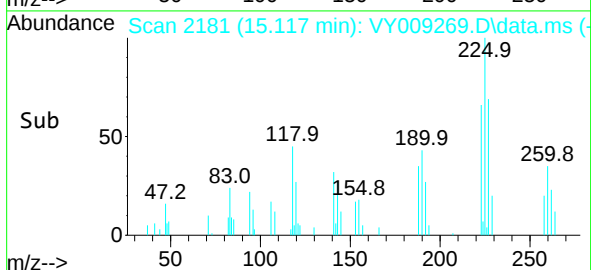
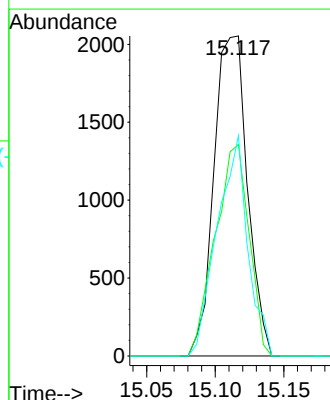
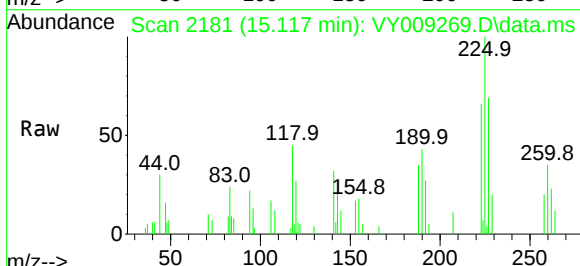
RT: 15.117 min Scan# 2181

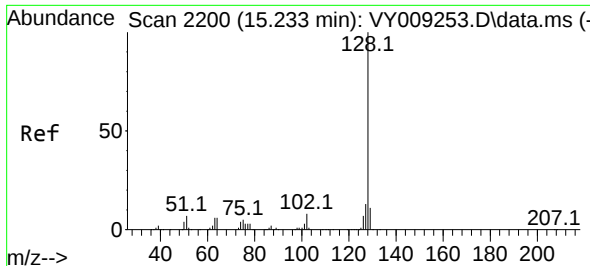
Delta R.T. 0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

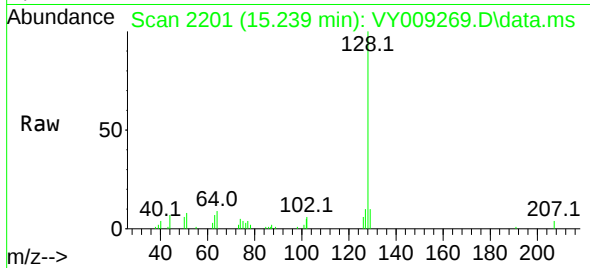
Tgt Ion:	225	Resp:	3491
Ion Ratio	Lower	Upper	
225	100		
223	66.6	30.8	92.3
227	63.1	31.6	94.7





#95
Naphthalene
Concen: 2.407 ug/l
RT: 15.239 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

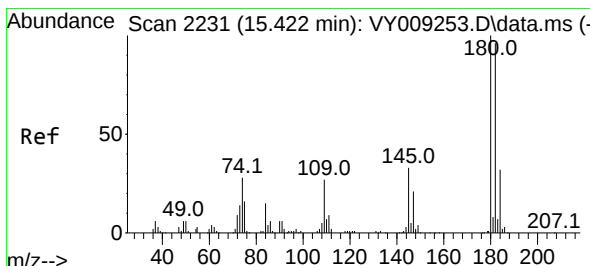
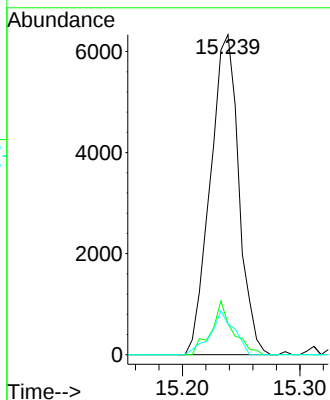
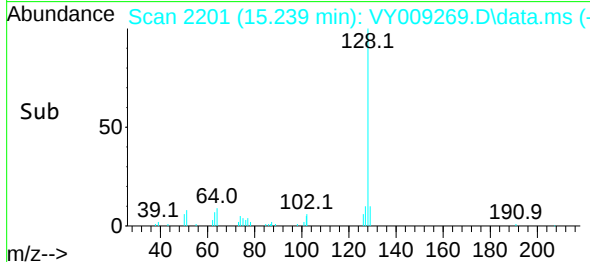
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022



Tgt Ion:128 Resp: 10668
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 11.4 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.739 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:180 Resp: 5173
Ion Ratio Lower Upper
180 100
182 98.4 47.3 141.9
145 29.8 15.3 45.9

