

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008113.D
 Acq On : 30 Mar 2022 16:27
 Operator : SY/MD
 Sample : N1645-02 5.0ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Quant Time: Mar 31 06:55:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 06:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	148947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	229079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	7955	5.323	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.640%#		
35) Dibromofluoromethane	7.716	113	7844	4.870	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.740%#		
50) Toluene-d8	10.179	98	29553	4.870	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.740%#		
62) 4-Bromofluorobenzene	12.483	95	10746	5.019	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.040%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	5281	3.933	ug/l	94
3) Chloromethane	2.113	50	6945	4.248	ug/l	100
4) Vinyl Chloride	2.253	62	8950	4.114	ug/l	97
5) Bromomethane	2.656	94	8915	5.000	ug/l	92
6) Chloroethane	2.796	64	6156	4.302	ug/l	95
7) Trichlorofluoromethane	3.131	101	12171	4.423	ug/l	95
8) Diethyl Ether	3.533	74	4368	4.901	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	7527	4.409	ug/l	92
10) Methyl Iodide	4.094	142	6327	3.588	ug/l	92
11) Tert butyl alcohol	4.954	59	3899	25.147	ug/l	99
12) 1,1-Dichloroethene	3.875	96	6992	4.424	ug/l #	75
13) Acrolein	3.735	56	2685	21.276	ug/l	93
14) Allyl chloride	4.484	41	9366	4.505	ug/l #	90
15) Acrylonitrile	5.167	53	10134	23.873	ug/l	98
16) Acetone	3.948	43	7951	23.278	ug/l	91
17) Carbon Disulfide	4.198	76	18392	4.107	ug/l	97
18) Methyl Acetate	4.478	43	8017	6.977	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	21653	4.821	ug/l	95
20) Methylene Chloride	4.710	84	10519	5.246	ug/l #	76
21) trans-1,2-Dichloroethene	5.222	96	8503	4.647	ug/l #	71
22) Diisopropyl ether	6.118	45	21182	4.735	ug/l #	90
23) Vinyl Acetate	6.063	43	54184	19.548	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	13868	4.683	ug/l	97
25) 2-Butanone	6.990	43	12543	24.130	ug/l #	65
26) 2,2-Dichloropropane	6.978	77	12532	4.468	ug/l	94
27) cis-1,2-Dichloroethene	6.990	96	10037	4.732	ug/l	80
28) Bromochloromethane	7.338	49	5409	5.632	ug/l #	68
29) Tetrahydrofuran	7.350	42	8419	24.913	ug/l #	72
30) Chloroform	7.508	83	15206	4.742	ug/l	96
31) Cyclohexane	7.783	56	14143	5.063	ug/l #	68
32) 1,1,1-Trichloroethane	7.709	97	13521	4.563	ug/l	95
36) 1,1-Dichloropropene	7.917	75	10649	4.209	ug/l	91
37) Ethyl Acetate	7.075	43	5664	4.792	ug/l #	93
38) Carbon Tetrachloride	7.905	117	11565	4.194	ug/l	93
39) Methylcyclohexane	9.185	83	14170	4.149	ug/l	88
40) Benzene	8.161	78	33040	4.565	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	3065m	5.164	ug/l	
42) 1,2-Dichloroethane	8.234	62	9358	4.609	ug/l	88
43) Isopropyl Acetate	8.276	43	10486	4.519	ug/l #	82
44) Trichloroethene	8.941	130	9265	4.427	ug/l	91
45) 1,2-Dichloropropane	9.221	63	7906	4.635	ug/l	100
46) Dibromomethane	9.313	93	5096	4.544	ug/l	95
47) Bromodichloromethane	9.496	83	11435	4.459	ug/l	98
48) Methyl methacrylate	9.295	41	4500	4.379	ug/l #	72
49) 1,4-Dioxane	9.295	88	1349	90.475	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	26566	22.700	ug/l #	83
52) Toluene	10.246	92	21260	4.479	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	11392	4.333	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	12837	4.313	ug/l #	83
55) 1,1,2-Trichloroethane	10.642	97	7297	4.712	ug/l	87
56) Ethyl methacrylate	10.508	69	8931	4.421	ug/l #	75
57) 1,3-Dichloropropane	10.794	76	11730	4.628	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	22170	26.487	ug/l #	89
59) 2-Hexanone	10.831	43	18310	22.358	ug/l	81
60) Dibromochloromethane	10.983	129	7964	4.228	ug/l	98
61) 1,2-Dibromoethane	11.087	107	7058	4.576	ug/l	100
64) Tetrachloroethene	10.721	164	7983	4.537	ug/l	94
65) Chlorobenzene	11.520	112	23254	4.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	8178	4.292	ug/l	96
67) Ethyl Benzene	11.593	91	40778	4.504	ug/l	100
68) m/p-Xylenes	11.703	106	32202	8.945	ug/l	93
69) o-Xylene	12.032	106	15825	4.591	ug/l	89
70) Styrene	12.044	104	24154	4.281	ug/l	96
71) Bromoform	12.209	173	4592	3.992	ug/l #	97
73) Isopropylbenzene	12.331	105	39510	4.535	ug/l	99
74) N-amyl acetate	12.142	43	8600	4.490	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	8237	4.864	ug/l	95
76) 1,2,3-Trichloropropane	12.635	75	6583m	5.116	ug/l	
77) Bromobenzene	12.611	156	9066	4.536	ug/l	95
78) n-propylbenzene	12.672	91	47912	4.662	ug/l	100
79) 2-Chlorotoluene	12.757	91	27373	4.801	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	32482	4.551	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	2454	4.255	ug/l #	83
82) 4-Chlorotoluene	12.855	91	27697	4.735	ug/l	100
83) tert-Butylbenzene	13.074	119	28257	4.444	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	32114	4.620	ug/l	97
85) sec-Butylbenzene	13.251	105	42706	4.550	ug/l	99
86) p-Isopropyltoluene	13.373	119	34240	4.383	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	17983	4.538	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	18376	4.650	ug/l	95
89) n-Butylbenzene	13.696	91	32790	4.562	ug/l	99
90) Hexachloroethane	13.964	117	6652	4.395	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	16300	4.672	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1228	4.543	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	9770	4.675	ug/l	97
94) Hexachlorobutadiene	15.111	225	4544	4.110	ug/l	94
95) Naphthalene	15.239	128	22573	4.887	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	8805	4.870	ug/l	96

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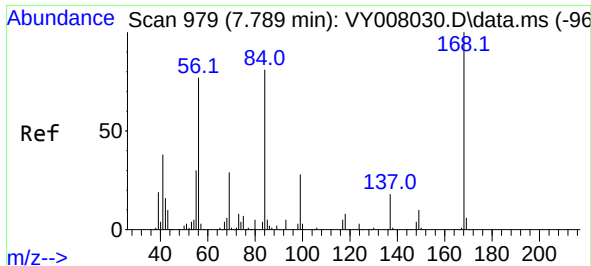
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

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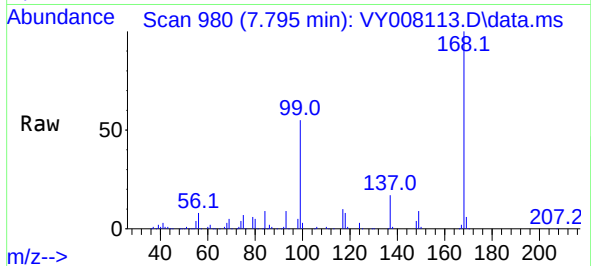
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008113.D
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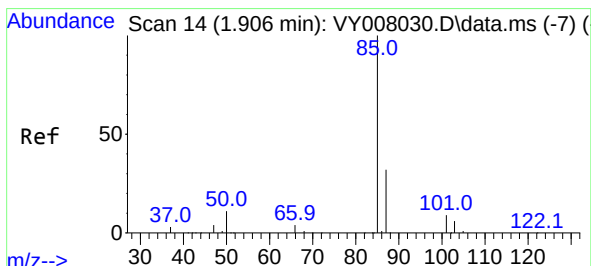
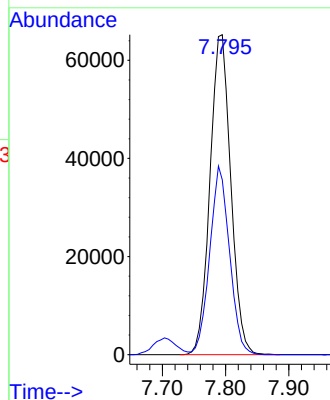
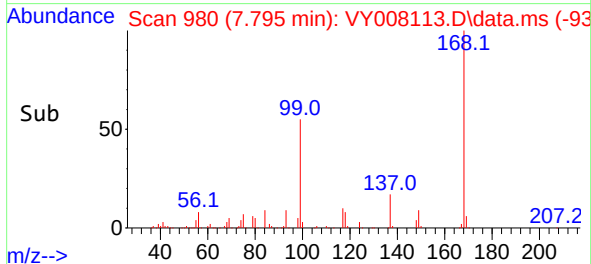
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:168 Resp: 14894
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3

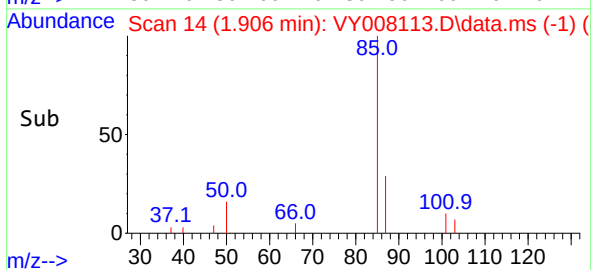
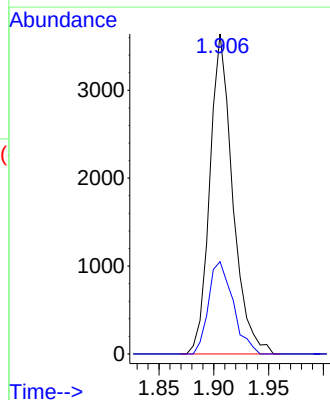
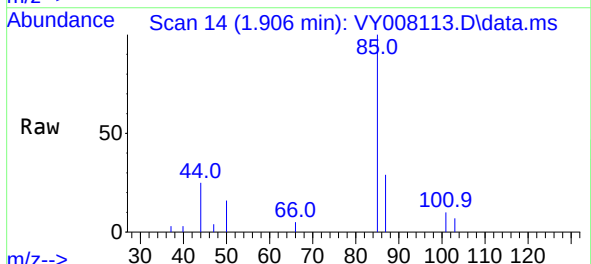
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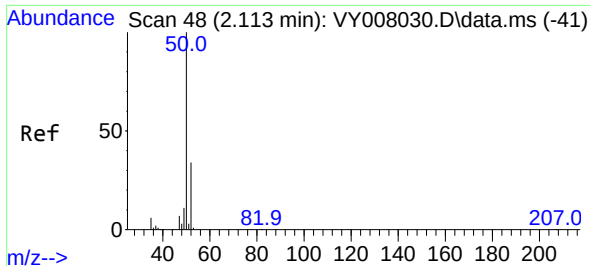
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#2
Dichlorodifluoromethane
Concen: 3.933 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

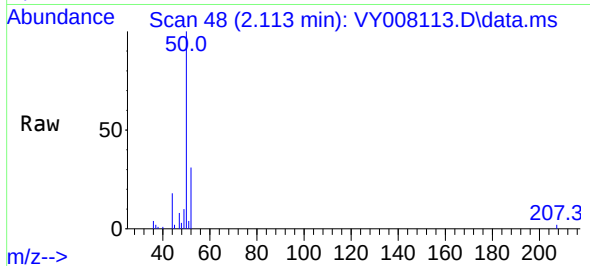
Tgt Ion: 85 Resp: 5281
Ion Ratio Lower Upper
85 100
87 28.8 16.1 48.2





#3
Chloromethane
Concen: 4.248 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

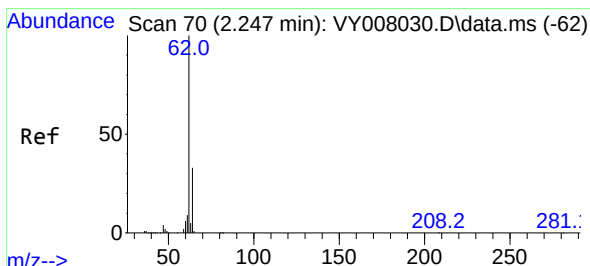
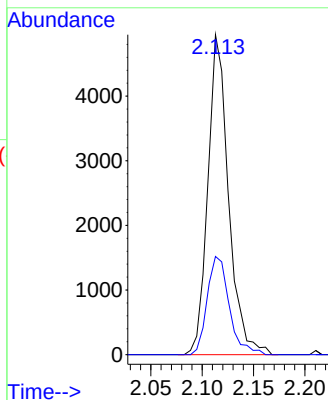
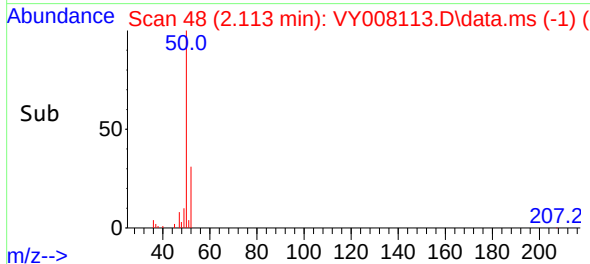
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ClientSampleId :
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Tgt Ion: 50 Resp: 694
Ion Ratio Lower Upper
50 100
52 30.7 24.6 37.0

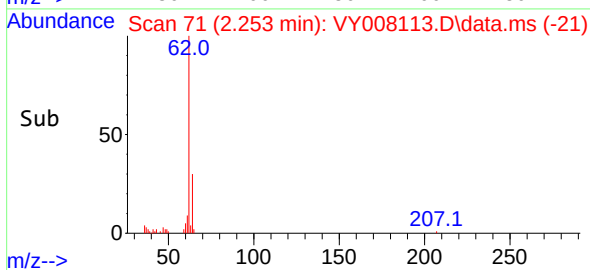
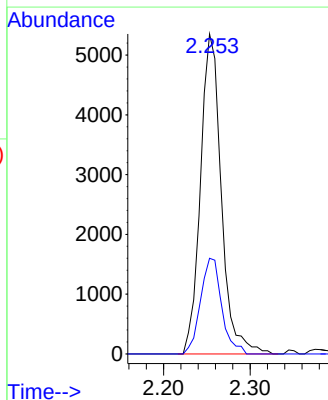
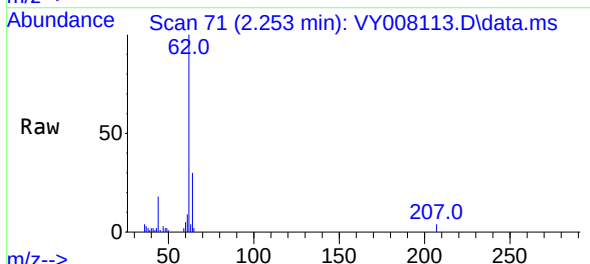
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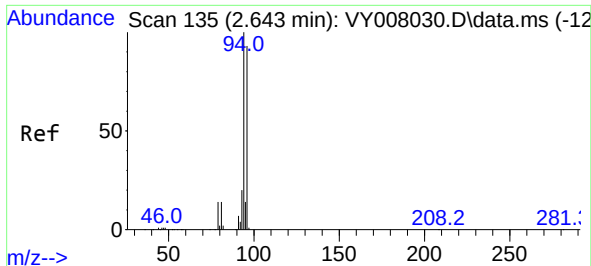
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#4
Vinyl Chloride
Concen: 4.114 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

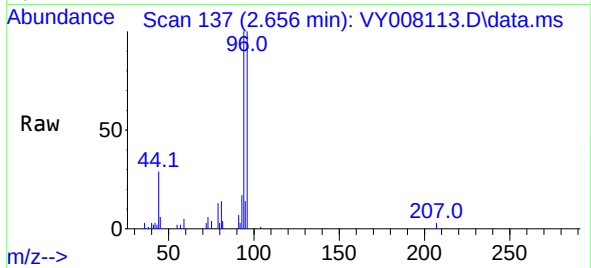
Tgt Ion: 62 Resp: 8950
Ion Ratio Lower Upper
62 100
64 29.9 25.0 37.6





#5
Bromomethane
Concen: 5.000 ug/l
RT: 2.656 min Scan# 111
Delta R.T. 0.013 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

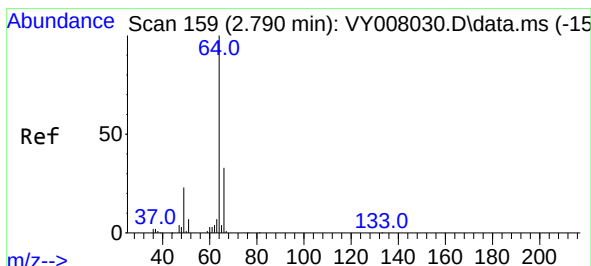
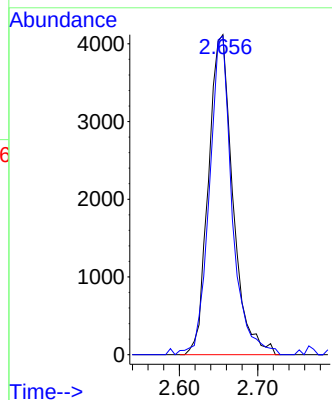
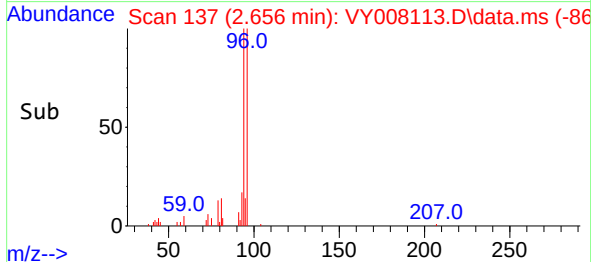
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Tgt Ion: 94 Resp: 891
Ion Ratio Lower Upper
94 100
96 99.6 73.5 110.3

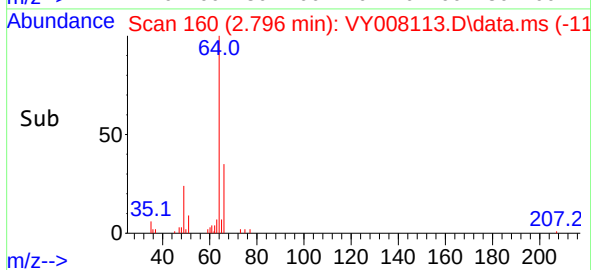
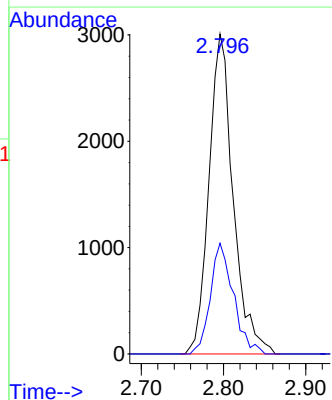
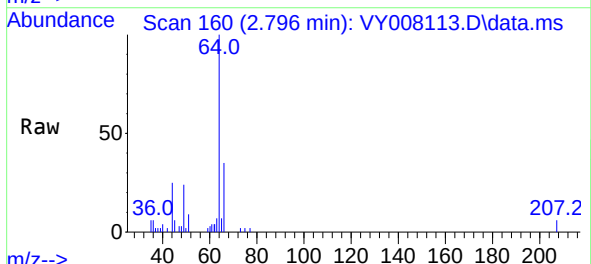
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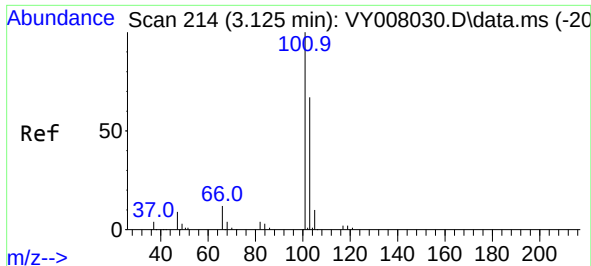
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#6
Chloroethane
Concen: 4.302 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 64 Resp: 6156
Ion Ratio Lower Upper
64 100
66 34.6 25.4 38.0





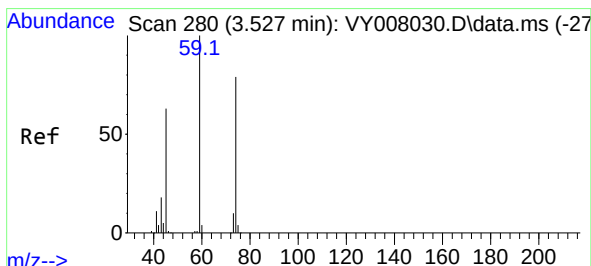
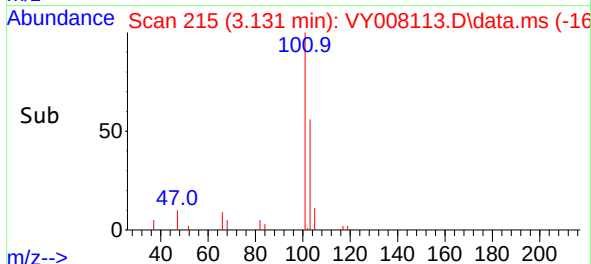
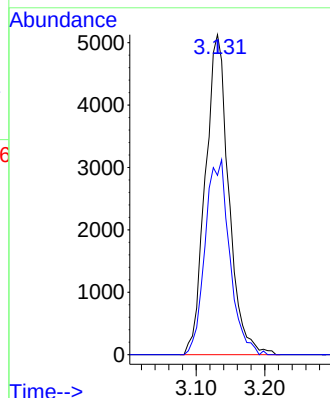
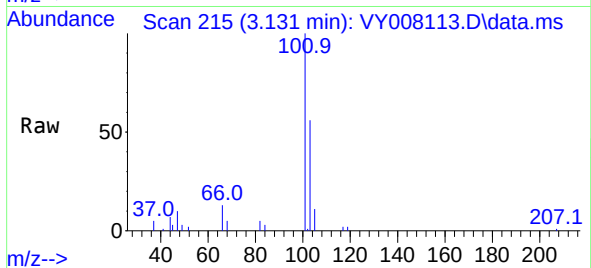
#7
Trichlorofluoromethane
Concen: 4.423 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:101 Resp: 1217
Ion Ratio Lower Upper
101 100
103 56.1 48.0 72.0

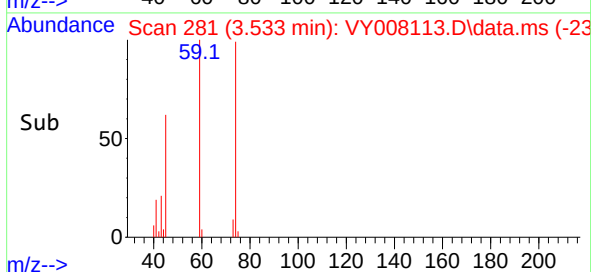
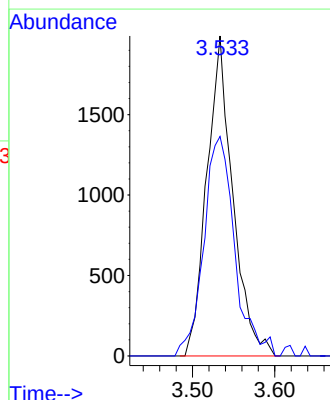
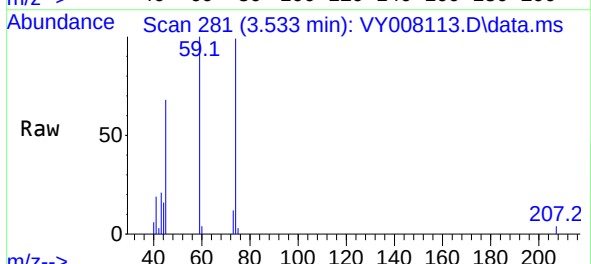
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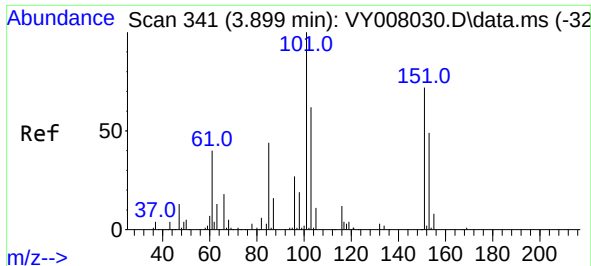
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#8
Diethyl Ether
Concen: 4.901 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 74 Resp: 4368
Ion Ratio Lower Upper
74 100
45 81.3 55.1 165.5





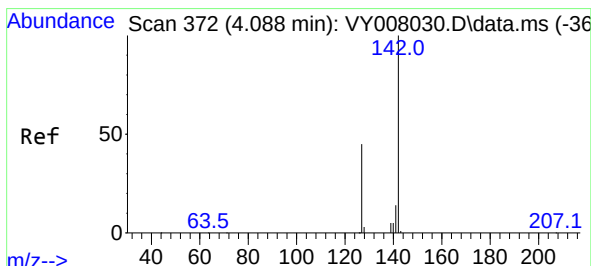
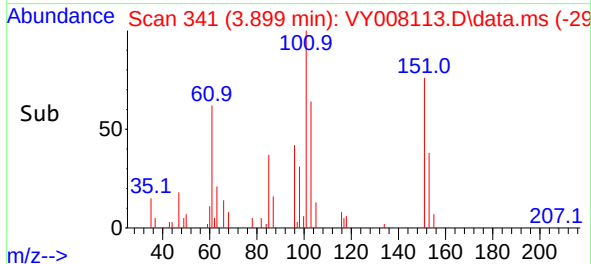
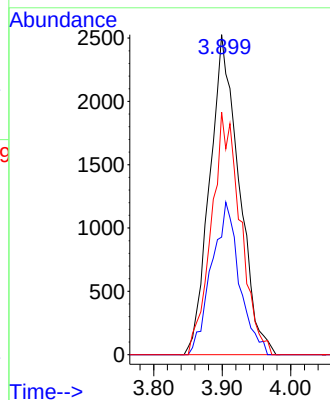
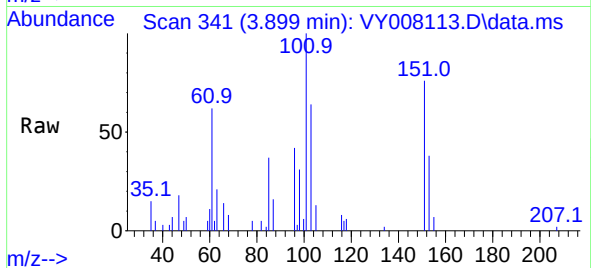
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.409 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion:101 Resp: 752
Ion Ratio Lower Upper
101 100
85 45.0 40.6 60.8
151 74.8 64.9 97.3

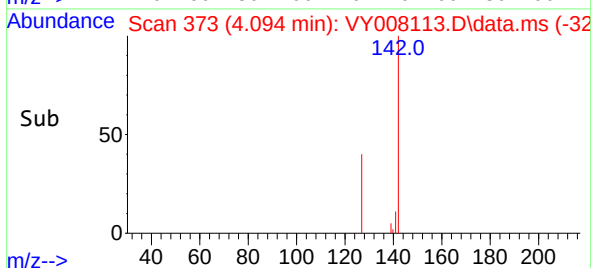
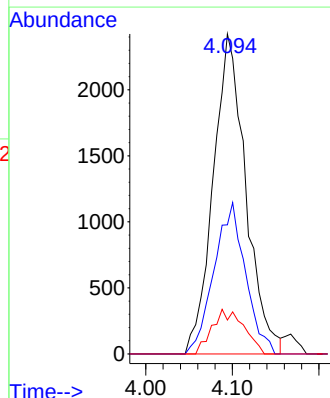
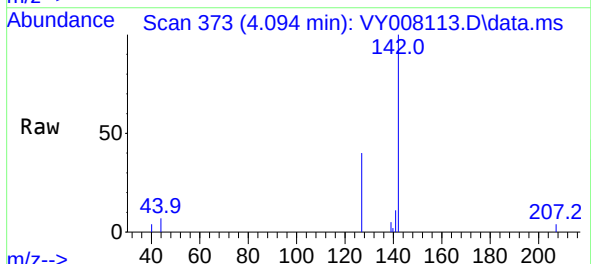
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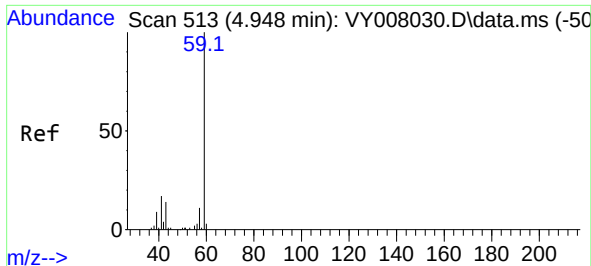
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#10
Methyl Iodide
Concen: 3.588 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:142 Resp: 6327
Ion Ratio Lower Upper
142 100
127 45.6 41.5 62.3
141 13.5 11.9 17.9





#11

Tert butyl alcohol

Concen: 25.147 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008113.D

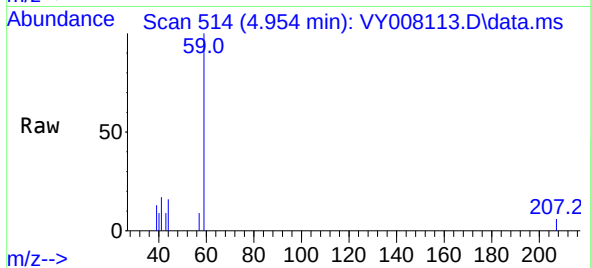
Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022



Tgt Ion: 59 Resp: 3899

Ion Ratio Lower Upper

59 100

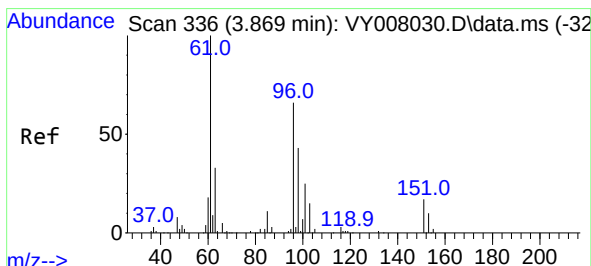
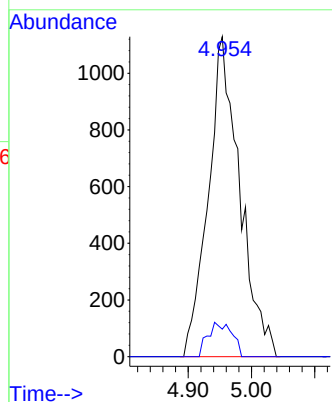
57 8.2 6.4 9.6

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Reviewed By :Mahesh Dadoda 03/31/2022

Supervised By :Semsettin Yesilyurt 03/31/2022



#12

1,1-Dichloroethene

Concen: 4.424 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

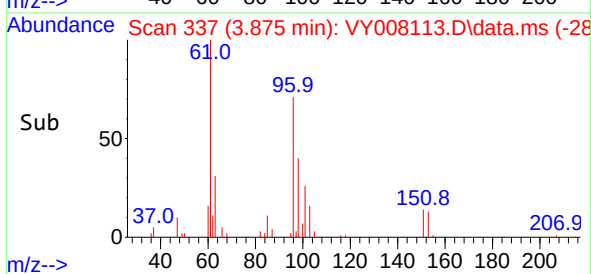
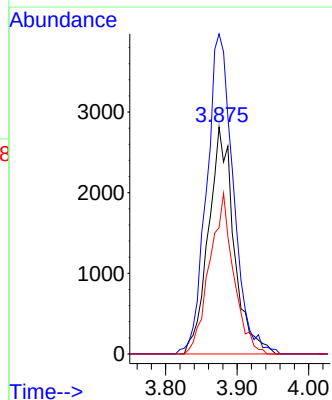
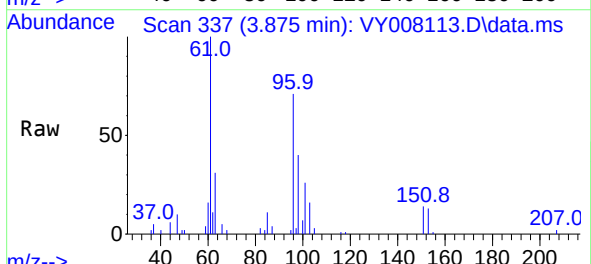
Tgt Ion: 96 Resp: 6992

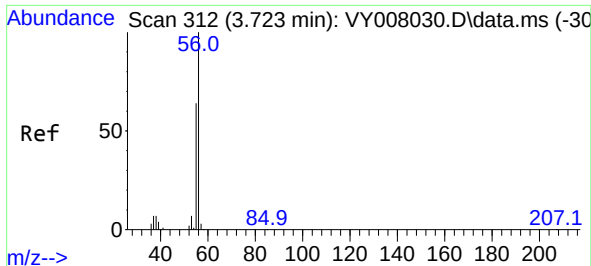
Ion Ratio Lower Upper

96 100

61 141.0 145.8 218.6#

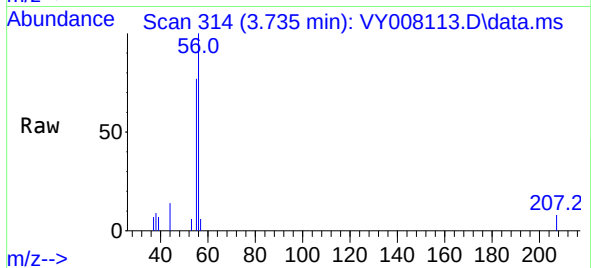
98 55.7 52.5 78.7





#13
Acrolein
Concen: 21.276 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

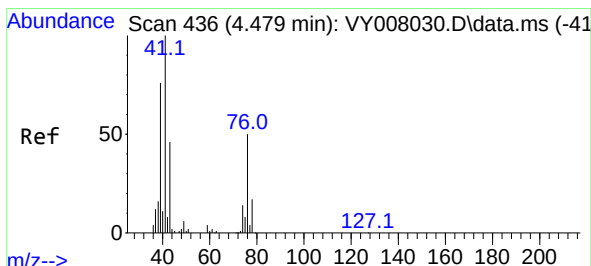
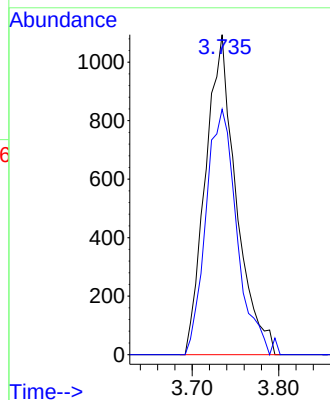
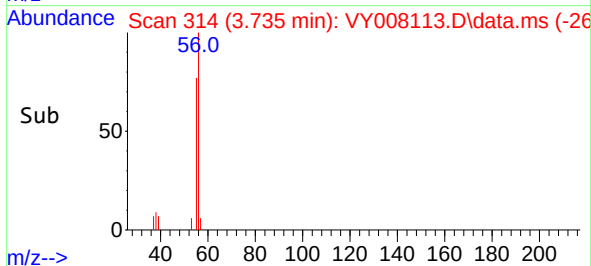
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 56 Resp: 2685
Ion Ratio Lower Upper
56 100
55 77.9 57.6 86.4

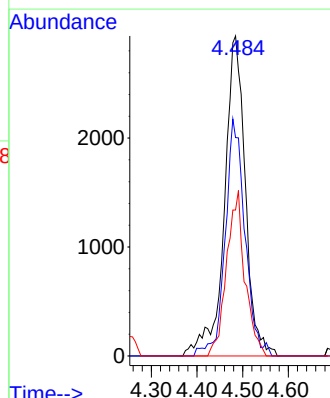
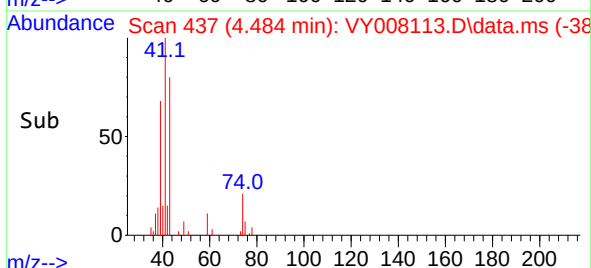
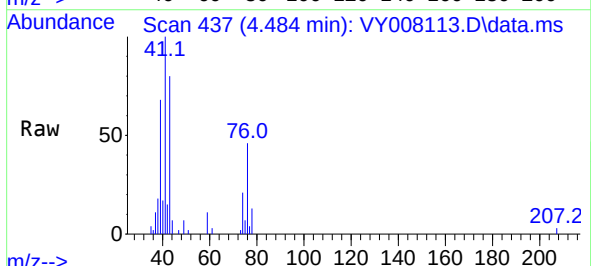
Manual Integrations
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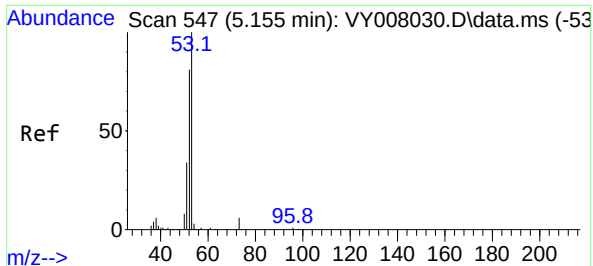
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#14
Allyl chloride
Concen: 4.505 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.005 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

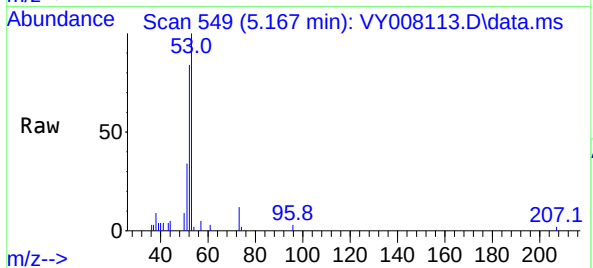
Tgt Ion: 41 Resp: 9366
Ion Ratio Lower Upper
41 100
39 69.9 58.8 88.2
76 44.9 25.1 37.7#





#15
Acrylonitrile
Concen: 23.873 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

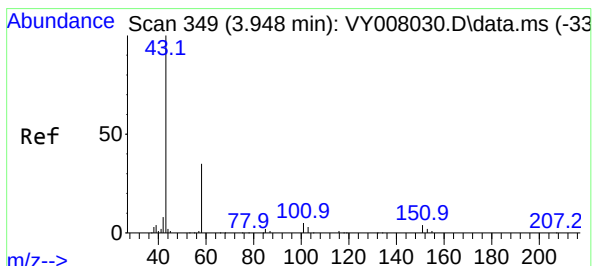
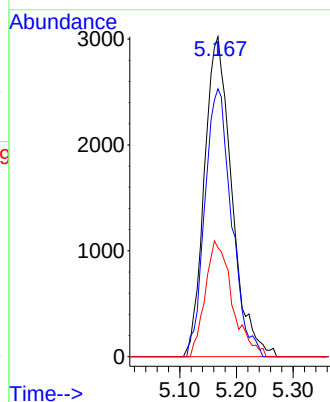
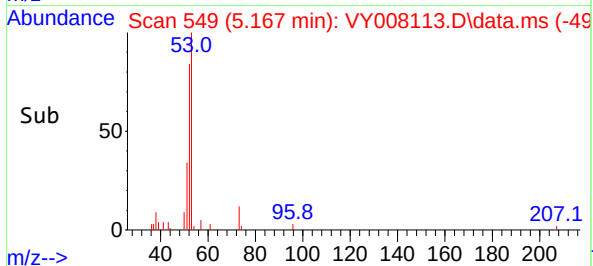
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



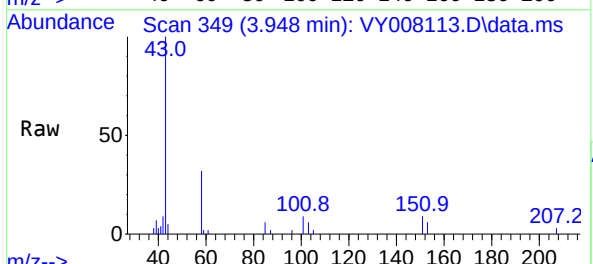
Tgt Ion: 53 Resp: 10134
Ion Ratio Lower Upper
53 100
52 81.6 67.0 100.4
51 35.8 29.8 44.6

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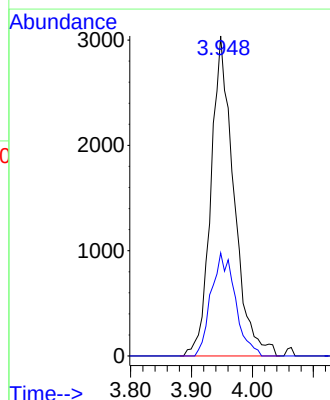
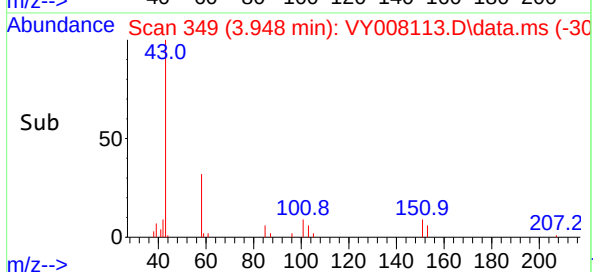
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

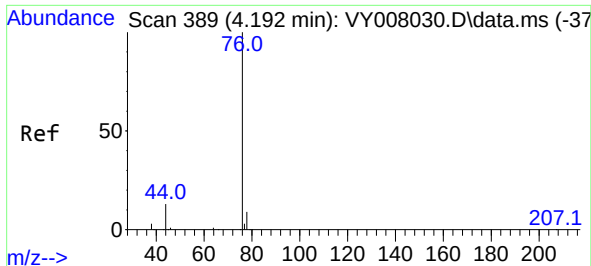


#16
Acetone
Concen: 23.278 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



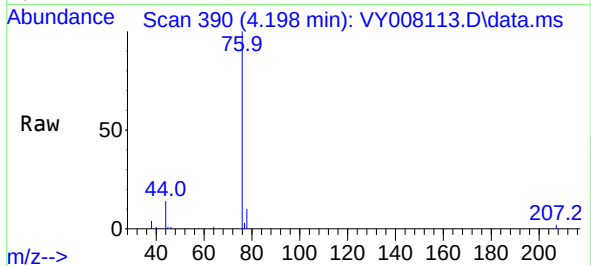
Tgt Ion: 43 Resp: 7951
Ion Ratio Lower Upper
43 100
58 32.2 22.0 33.0





#17
Carbon Disulfide
Concen: 4.107 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

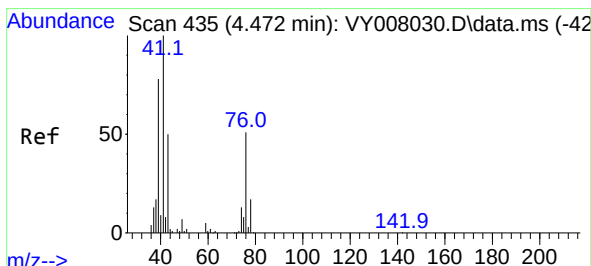
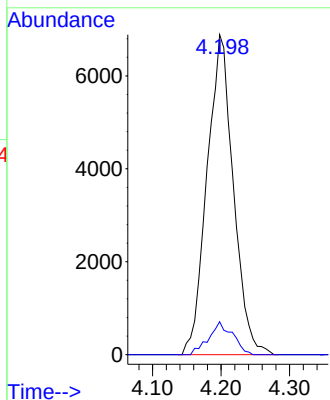
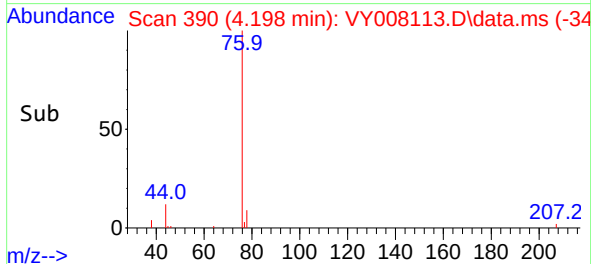
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 76 Resp: 18392
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0

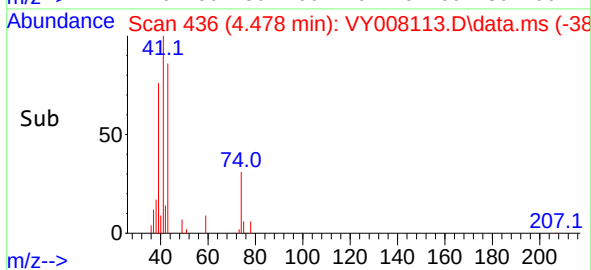
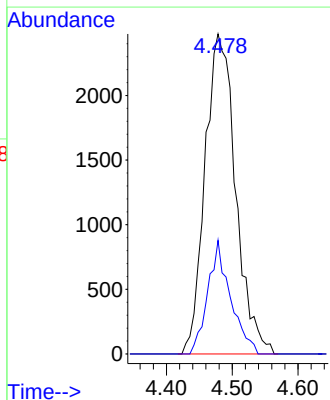
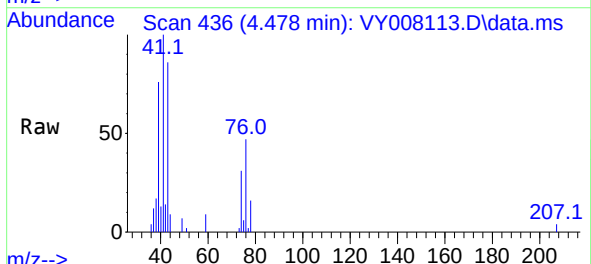
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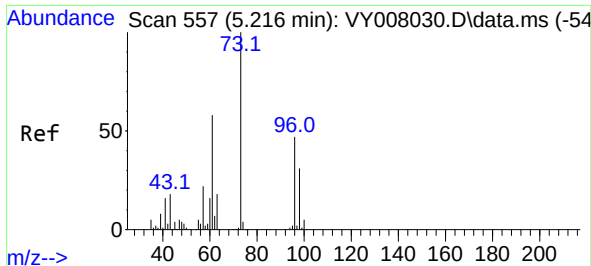
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#18
Methyl Acetate
Concen: 6.977 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

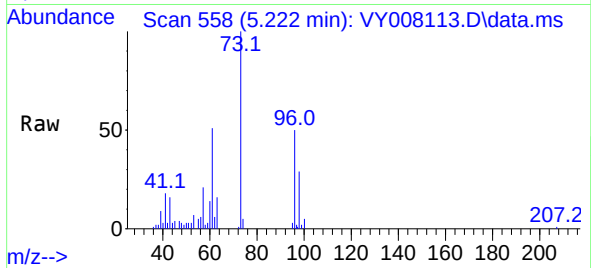
Tgt Ion: 43 Resp: 8017
Ion Ratio Lower Upper
43 100
74 26.3 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 4.821 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

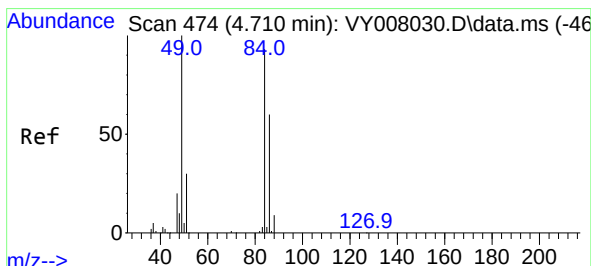
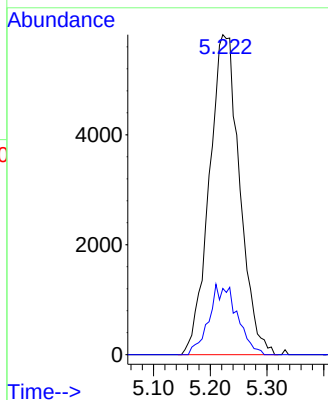
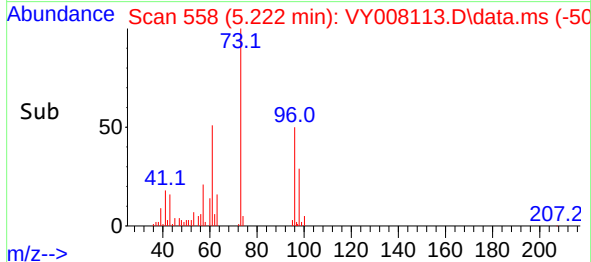
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 73 Resp: 2165
Ion Ratio Lower Upper
73 100
57 20.7 18.6 27.8

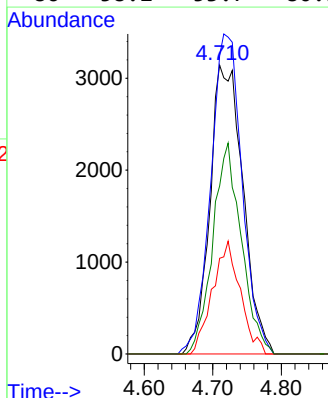
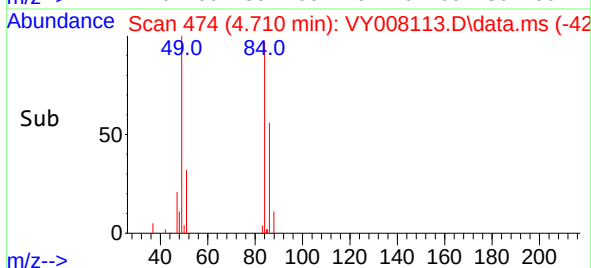
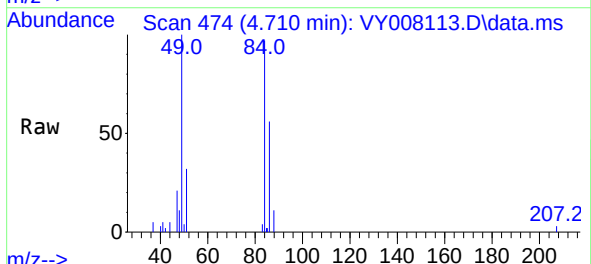
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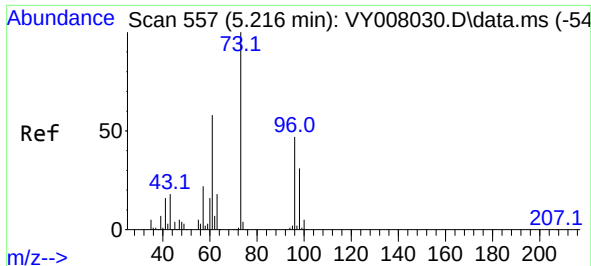
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#20
Methylene Chloride
Concen: 5.246 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

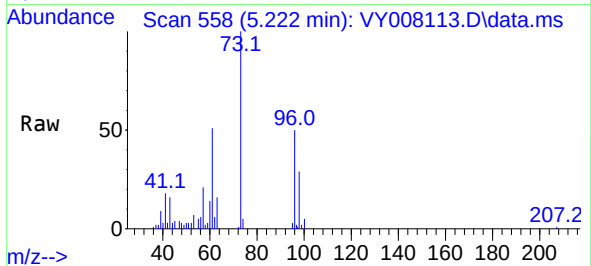
Tgt Ion: 84 Resp: 10519
Ion Ratio Lower Upper
84 100
49 103.2 114.4 171.6#
51 33.2 35.3 52.9#
86 58.2 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 4.647 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

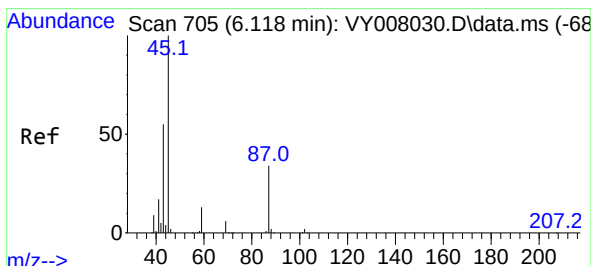
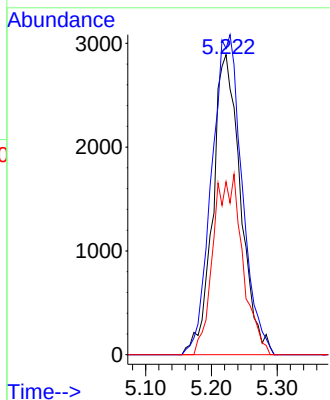
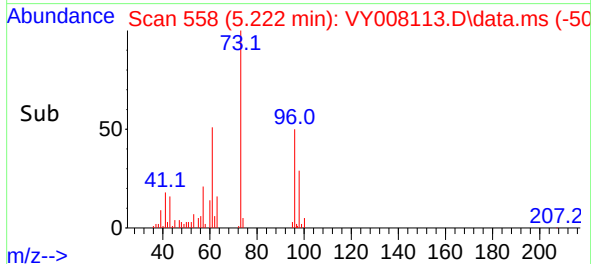
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 96 Resp: 850
Ion Ratio Lower Upper
96 100
61 102.1 120.5 180.7
98 57.6 49.8 74.8

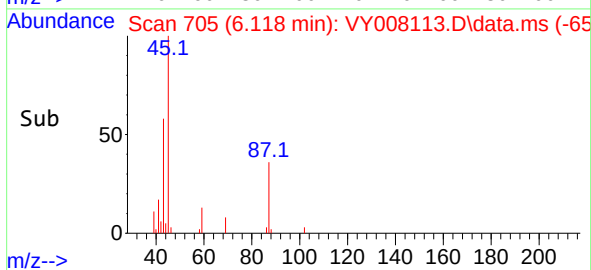
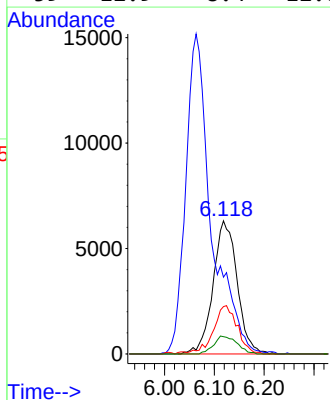
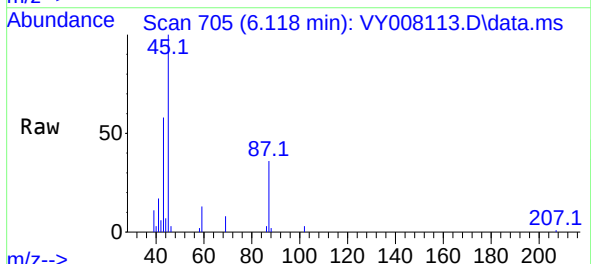
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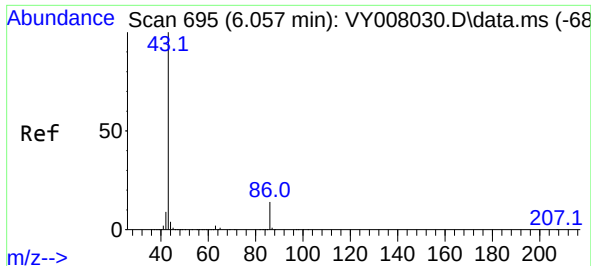
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#22
Diisopropyl ether
Concen: 4.735 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 45 Resp: 21182
Ion Ratio Lower Upper
45 100
43 57.7 49.3 73.9
87 35.6 19.2 28.8#
59 12.9 8.4 12.6#





#23

Vinyl Acetate

Concen: 19.548 ug/l

RT: 6.063 min Scan# 695

Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

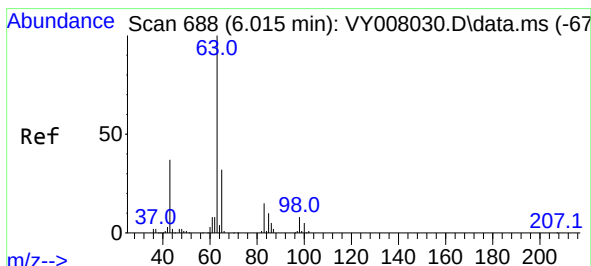
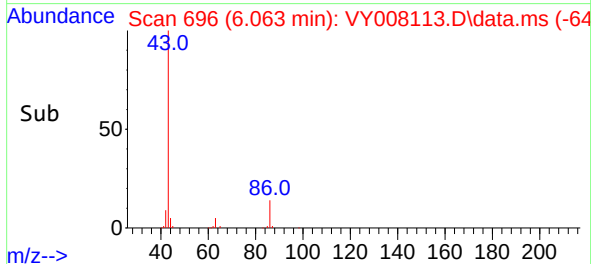
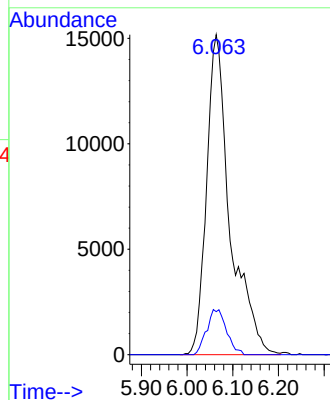
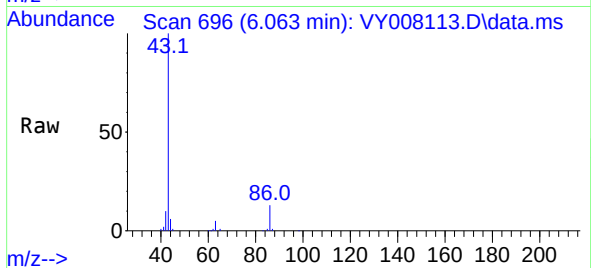
LOQ-SOIL-02-QT1-2022

Tgt Ion: 43 Resp: 54184
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.1 10.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022



#24

1,1-Dichloroethane

Concen: 4.683 ug/l

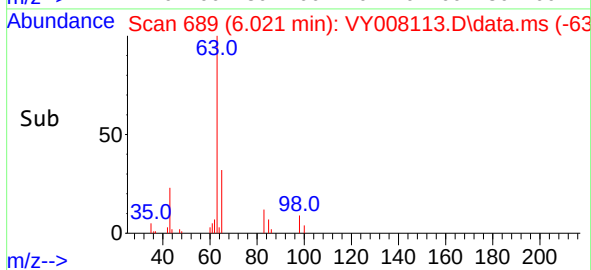
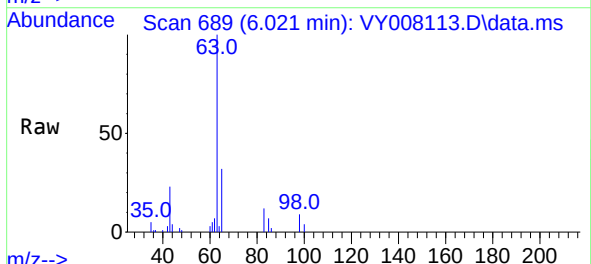
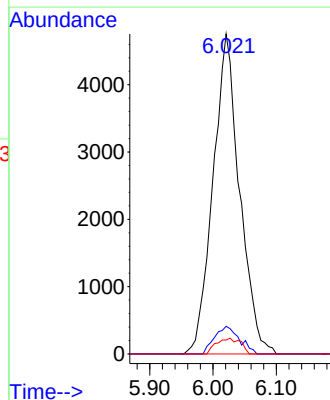
RT: 6.021 min Scan# 689

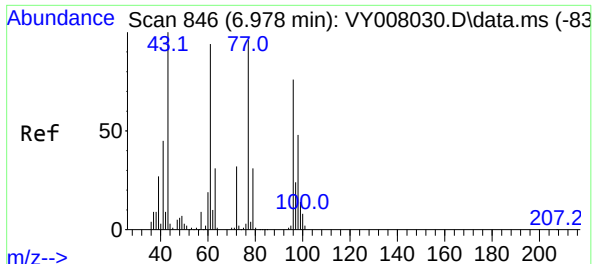
Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Tgt Ion: 63 Resp: 13868
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 24.130 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion: 43 Resp: 1254

Ion Ratio Lower Upper

43 100

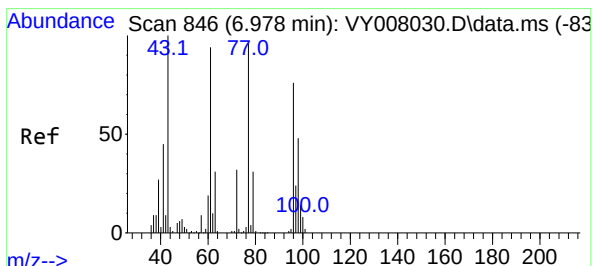
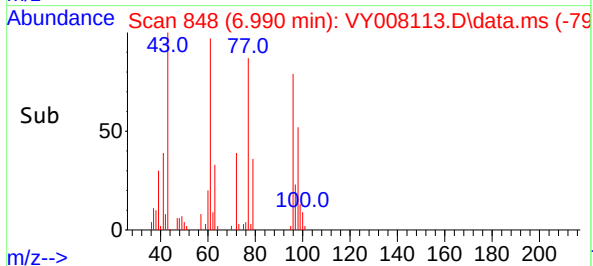
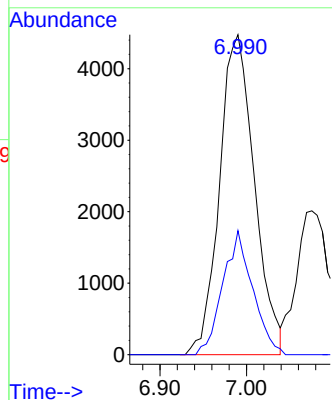
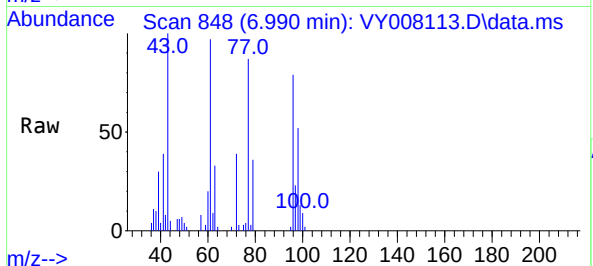
72 38.7 17.7 26.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/31/2022

Supervised By :Semsettin Yesilyurt 03/31/2022



#26

2,2-Dichloropropane

Concen: 4.468 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY008113.D

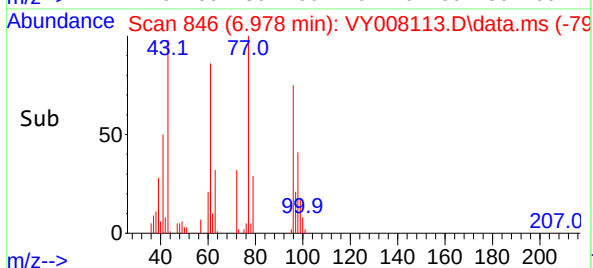
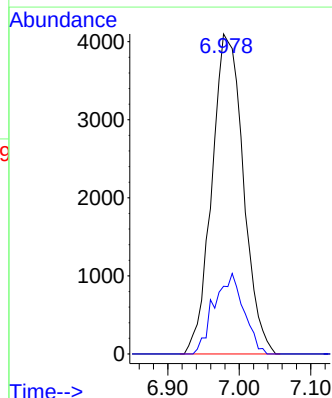
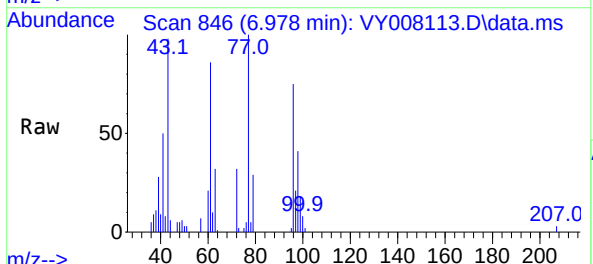
Acq: 30 Mar 2022 16:27

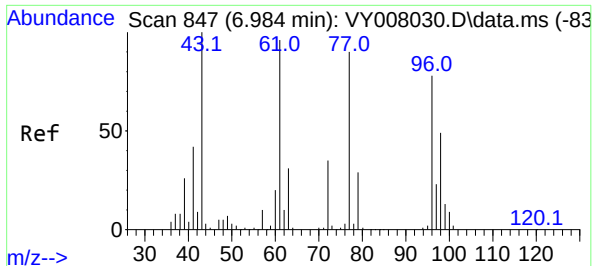
Tgt Ion: 77 Resp: 12532

Ion Ratio Lower Upper

77 100

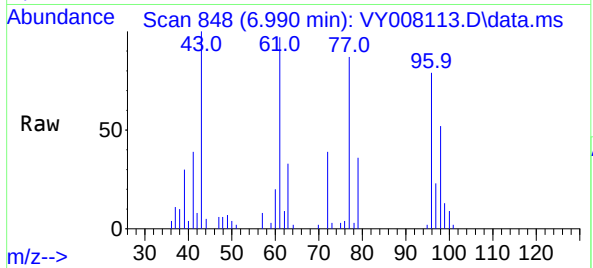
97 23.6 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 4.732 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY008113.D
 Acq: 30 Mar 2022 16:27

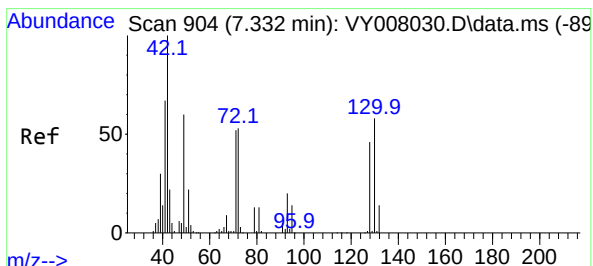
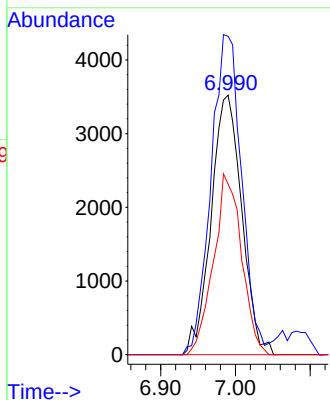
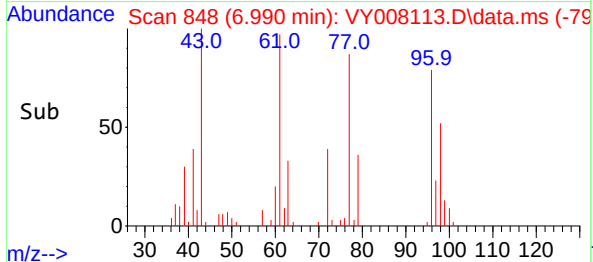
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022



Tgt Ion: 96 Resp: 1003
 Ion Ratio Lower Upper
 96 100
 61 123.5 0.0 319.8
 98 63.8 0.0 127.0

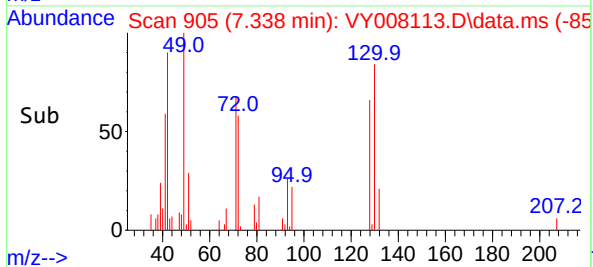
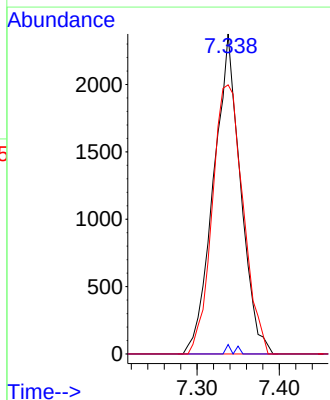
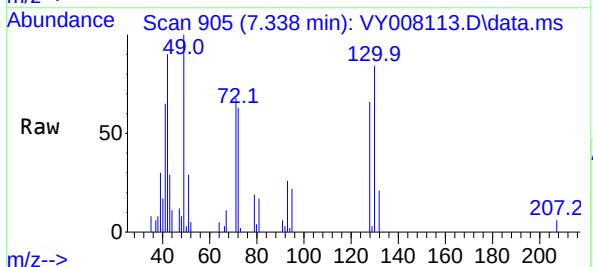
Manual Integrations
 APPROVED

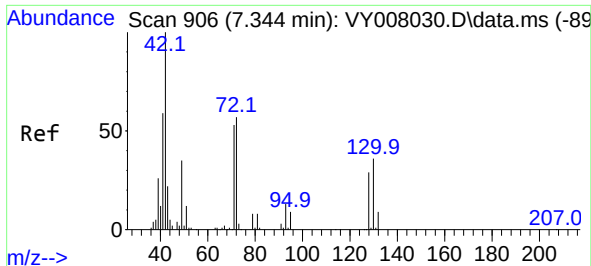
Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022



#28
 Bromochloromethane
 Concen: 5.632 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY008113.D
 Acq: 30 Mar 2022 16:27

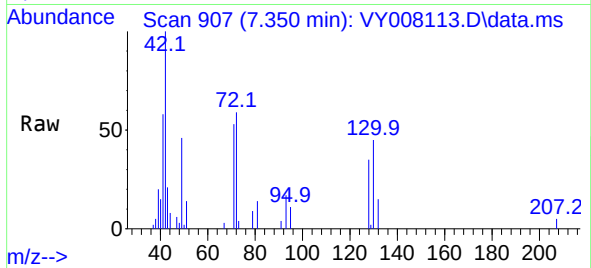
Tgt Ion: 49 Resp: 5409
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 2.2
 130 96.1 55.4 83.0#





#29
Tetrahydrofuran
Concen: 24.913 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

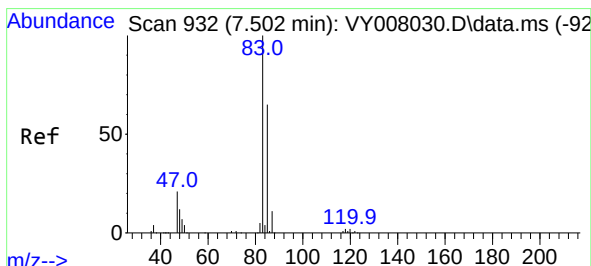
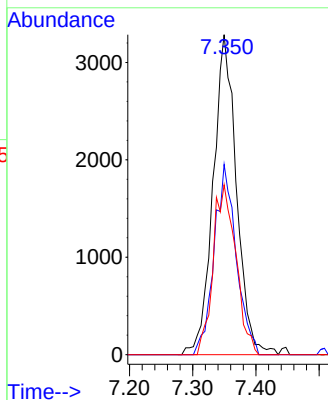
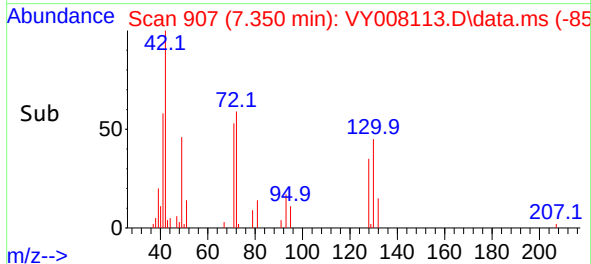
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



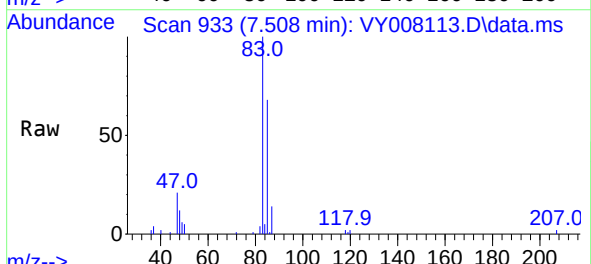
Tgt Ion: 42 Resp: 8419
Ion Ratio Lower Upper
42 100
72 56.2 30.3 45.5
71 51.7 29.0 43.4

Manual Integrations
APPROVED

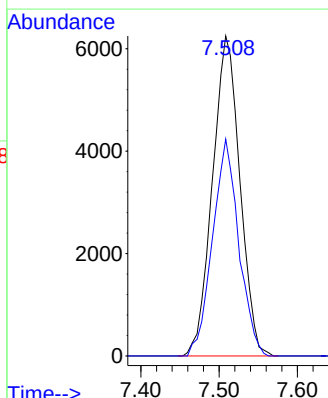
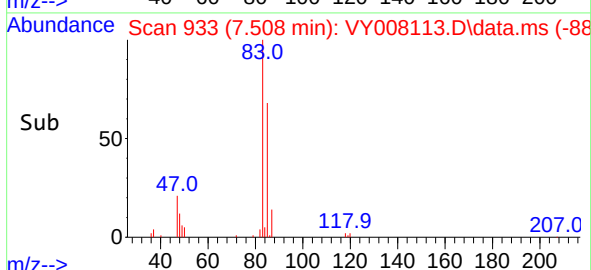
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

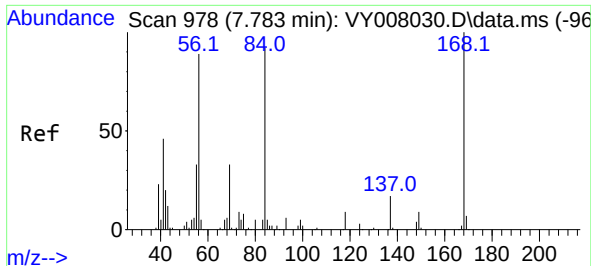


#30
Chloroform
Concen: 4.742 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



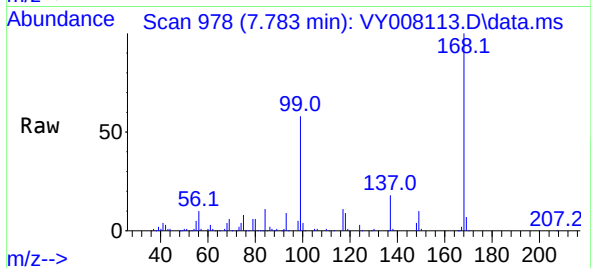
Tgt Ion: 83 Resp: 15206
Ion Ratio Lower Upper
83 100
85 67.7 51.8 77.6





#31
Cyclohexane
Concen: 5.063 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

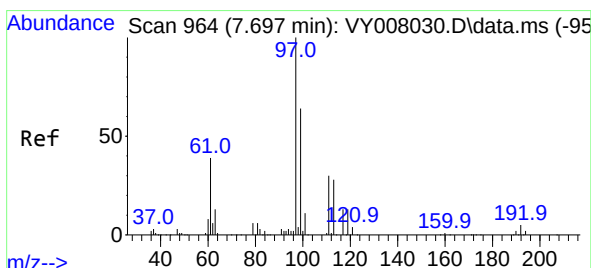
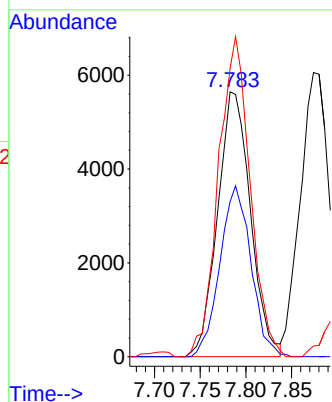
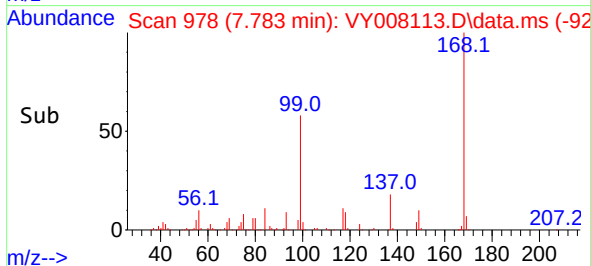
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



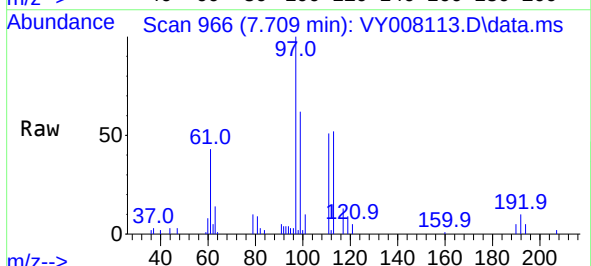
Tgt Ion: 56 Resp: 1414
Ion Ratio Lower Upper
56 100
69 58.6 26.7 40.1
84 108.9 67.2 100.8

Manual Integrations
APPROVED

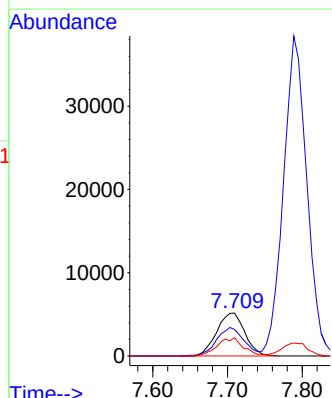
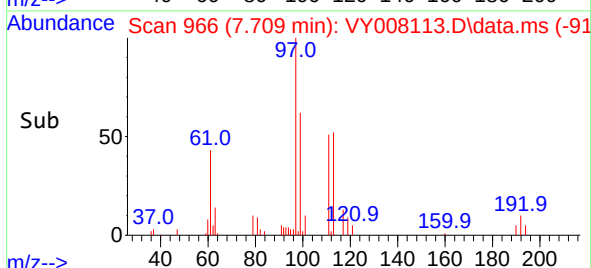
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

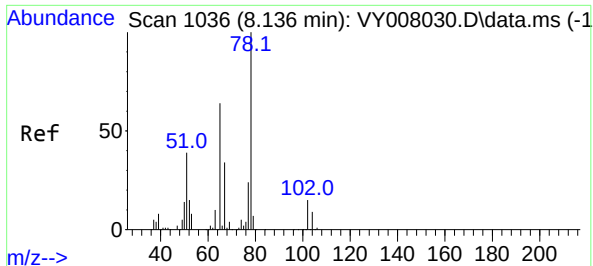


#32
1,1,1-Trichloroethane
Concen: 4.563 ug/l
RT: 7.709 min Scan# 966
Delta R.T. 0.012 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



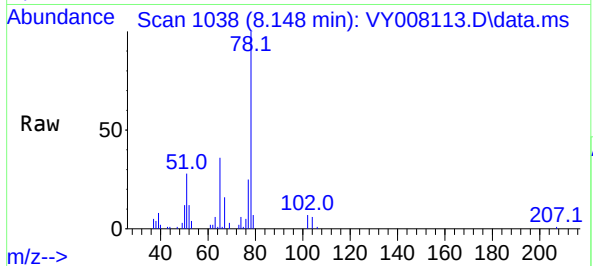
Tgt Ion: 97 Resp: 13521
Ion Ratio Lower Upper
97 100
99 63.4 50.7 76.1
61 39.4 37.6 56.4





#33
1,2-Dichloroethane-d4
Concen: 5.323 ug/l
RT: 8.148 min Scan# 1036
Delta R.T. 0.012 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

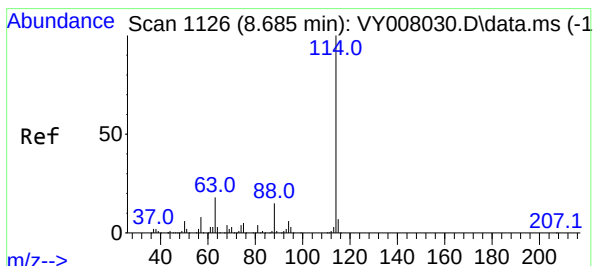
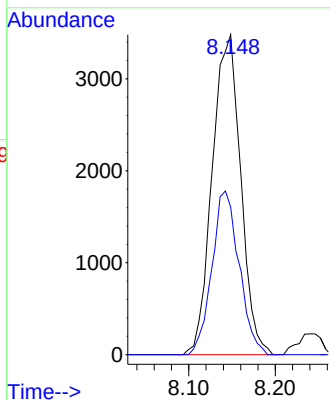
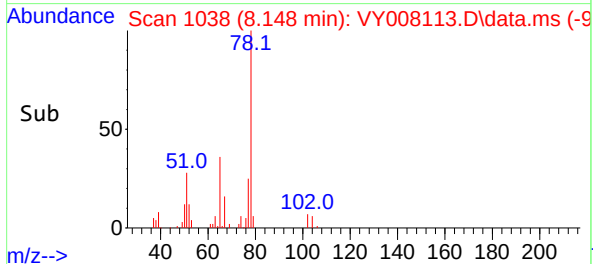
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2022



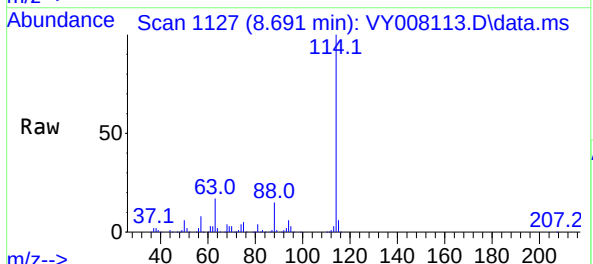
Tgt Ion: 65 Resp: 795
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.4

Manual Integrations
APPROVED

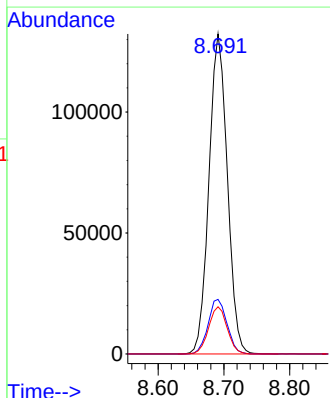
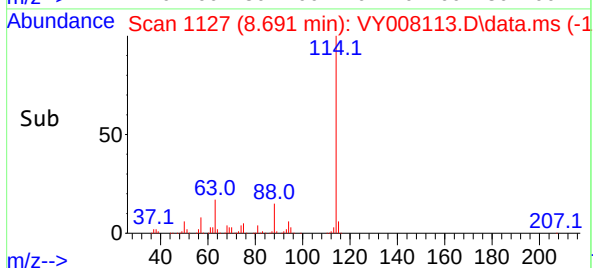
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

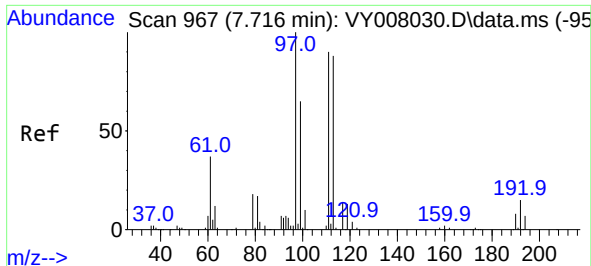


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



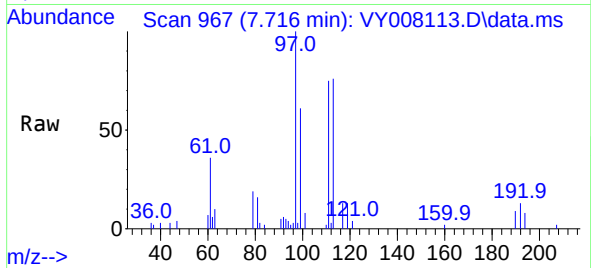
Tgt Ion:114 Resp: 256919
Ion Ratio Lower Upper
114 100
63 17.0 0.0 43.2
88 14.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 4.870 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

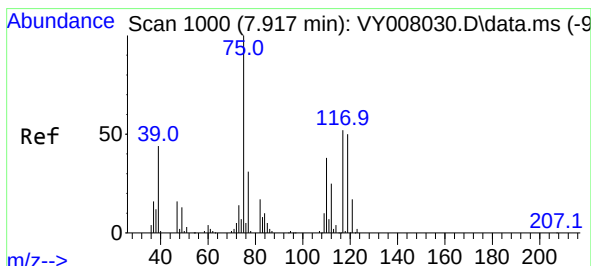
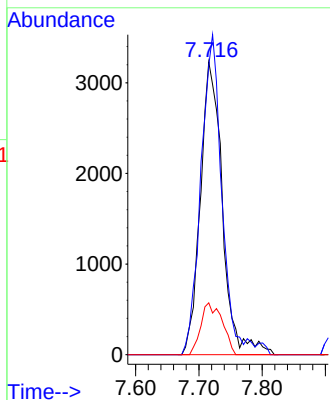
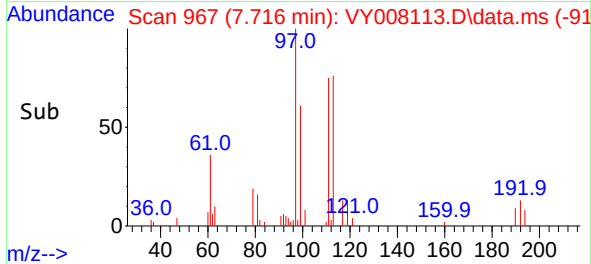
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



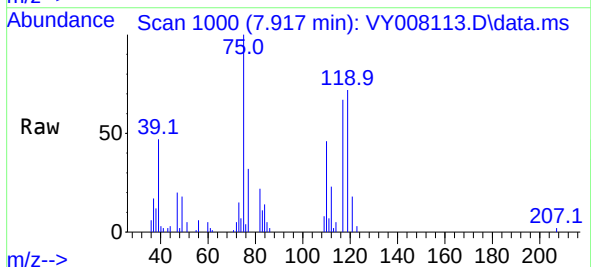
Tgt Ion:113 Resp: 7844
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.2 17.6 26.4

Manual Integrations
APPROVED

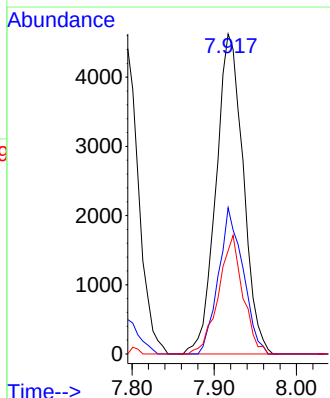
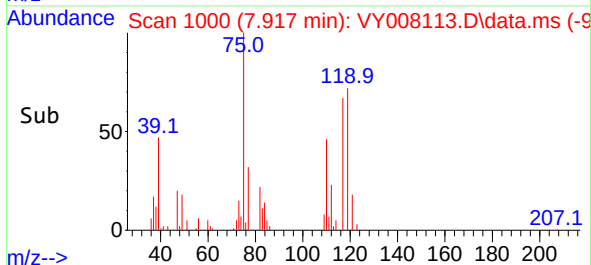
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

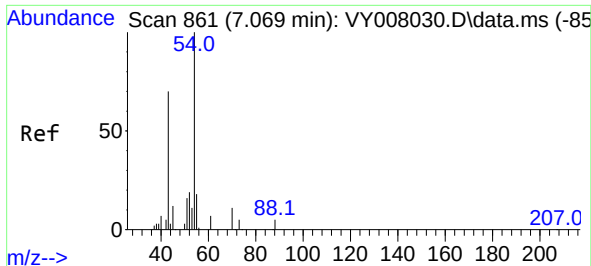


#36
1,1-Dichloropropene
Concen: 4.209 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



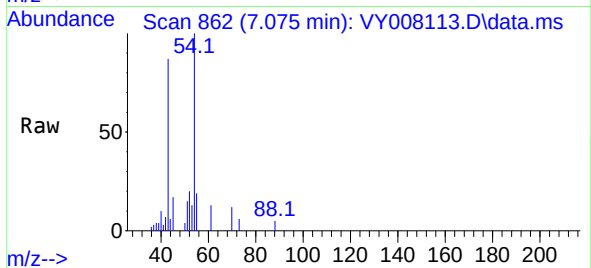
Tgt Ion: 75 Resp: 10649
Ion Ratio Lower Upper
75 100
110 41.3 17.1 51.2
77 33.3 24.4 36.6





#37
Ethyl Acetate
Concen: 4.792 ug/l
RT: 7.075 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

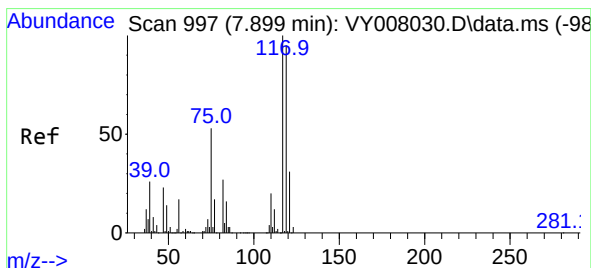
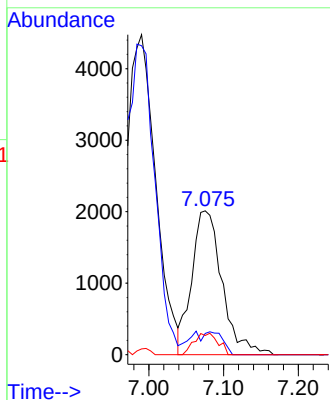
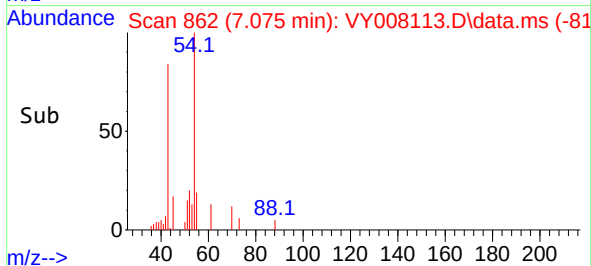
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
61 9.8 9.7 14.5
70 11.7 7.1 10.7

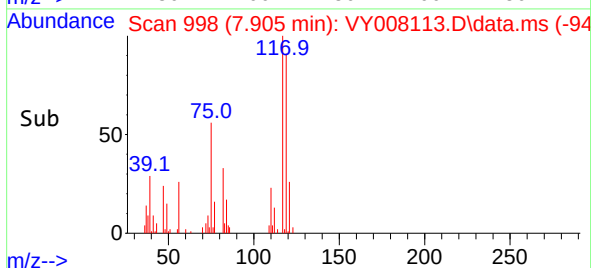
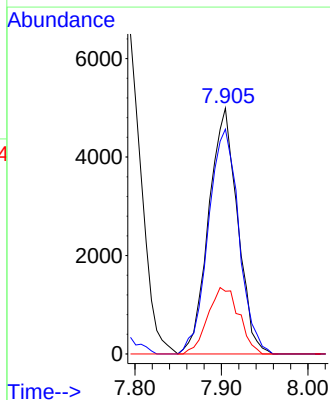
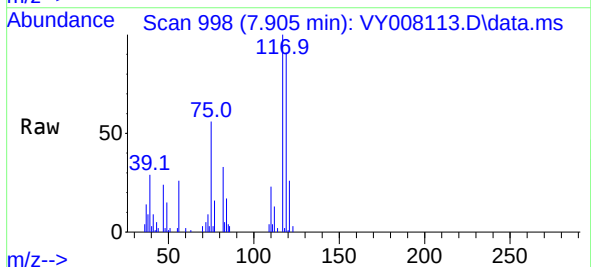
Manual Integrations
APPROVED

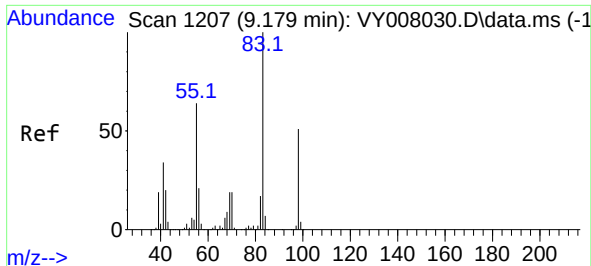
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#38
Carbon Tetrachloride
Concen: 4.194 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:117 Resp: 11565
Ion Ratio Lower Upper
117 100
119 91.4 77.9 116.9
121 25.5 24.8 37.2





#39

Methylcyclohexane

Concen: 4.149 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

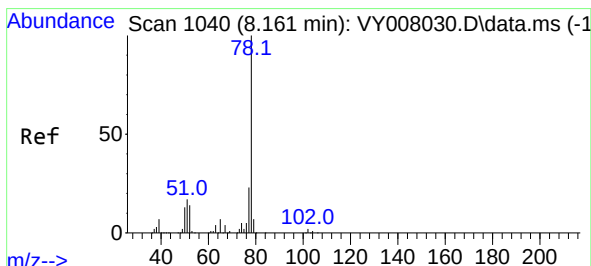
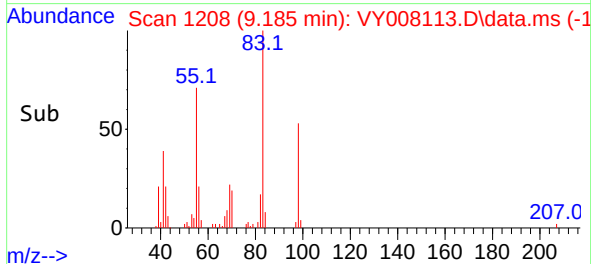
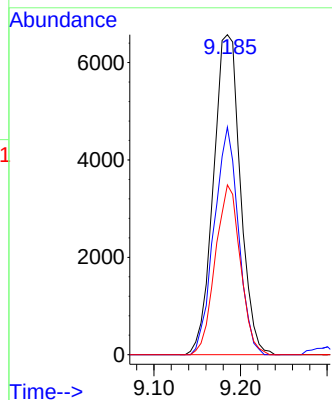
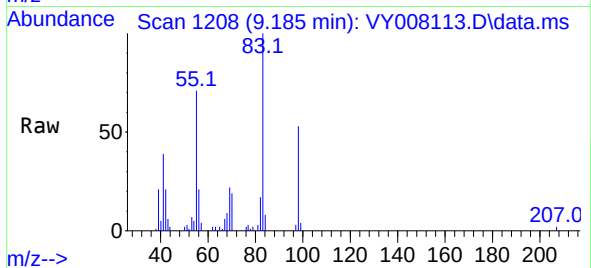
LOQ-SOIL-02-QT1-2022

Tgt Ion: 83	Resp: 14170
Ion Ratio	Lower Upper
83 100	
55 71.1	66.5 99.7
98 53.1	37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#40

Benzene

Concen: 4.565 ug/l

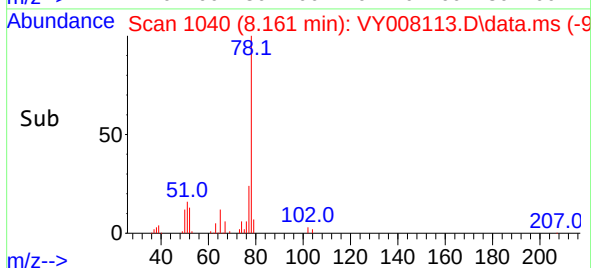
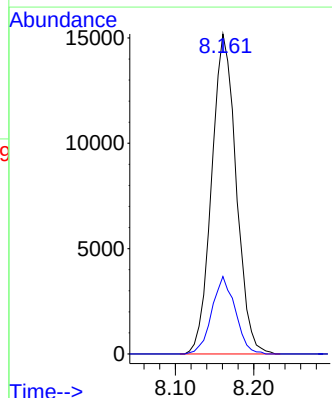
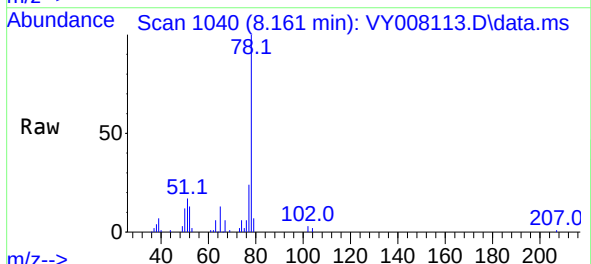
RT: 8.161 min Scan# 1040

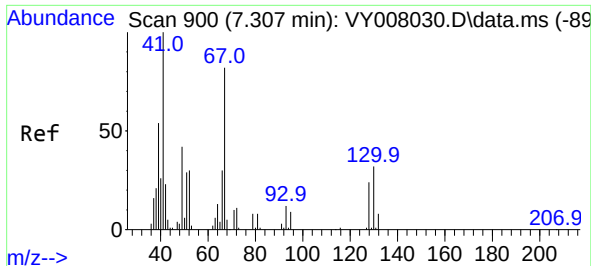
Delta R.T. -0.000 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

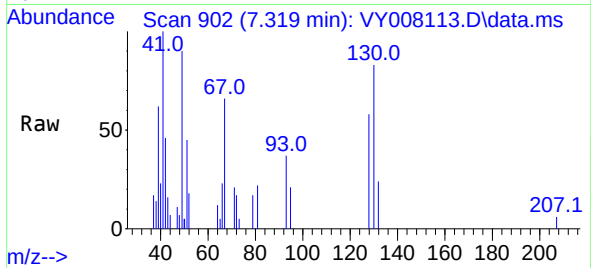
Tgt Ion: 78	Resp: 33040
Ion Ratio	Lower Upper
78 100	
77 24.2	20.4 30.6





#41
Methacrylonitrile
Concen: 5.164 ug/l m
RT: 7.319 min Scan# 900
Delta R.T. 0.012 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

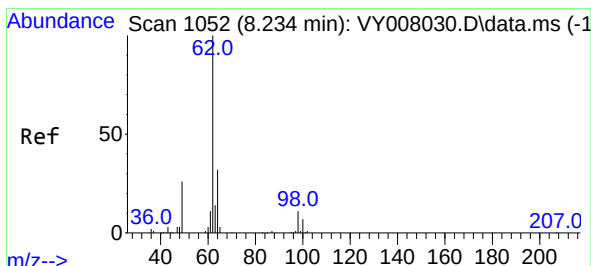
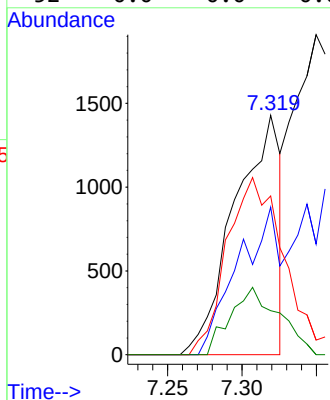
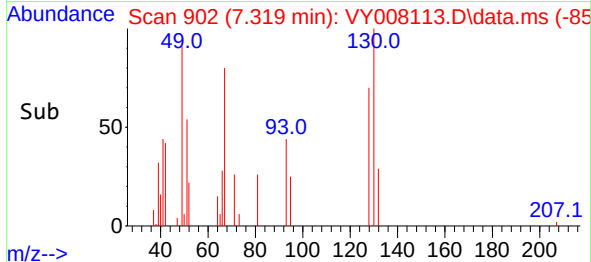
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 41 Resp: 306
Ion Ratio Lower Upper
41 100
39 6.8 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

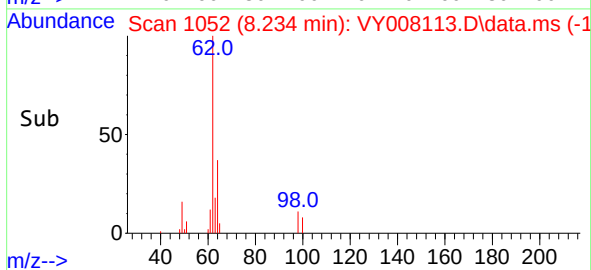
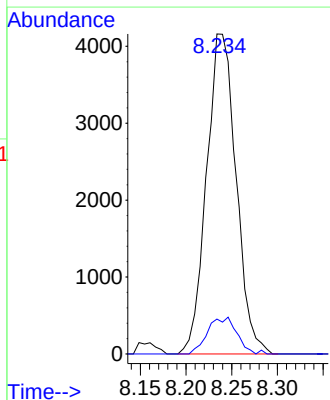
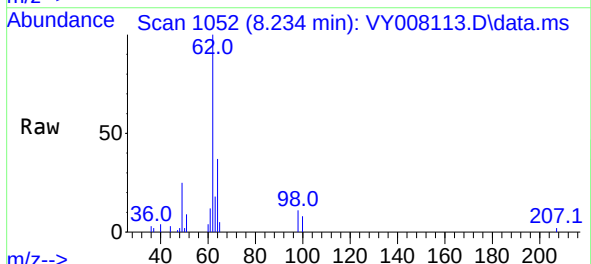
Manual Integrations
APPROVED

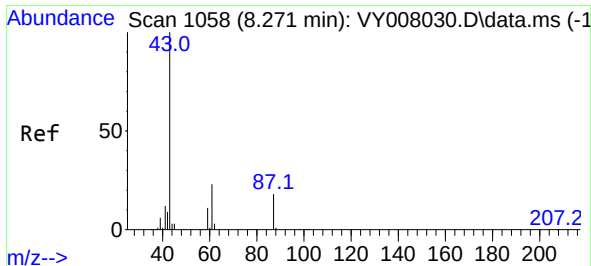
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#42
1,2-Dichloroethane
Concen: 4.609 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

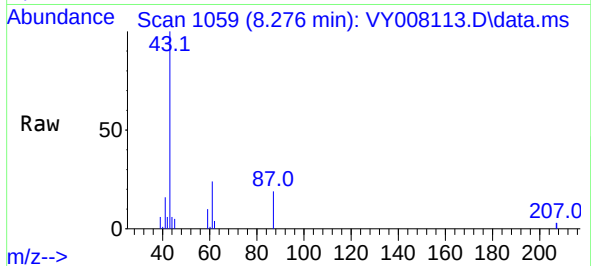
Tgt Ion: 62 Resp: 9358
Ion Ratio Lower Upper
62 100
98 11.4 0.0 14.8





#43
Isopropyl Acetate
Concen: 4.519 ug/l
RT: 8.276 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

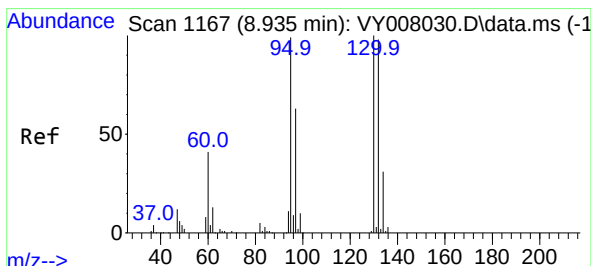
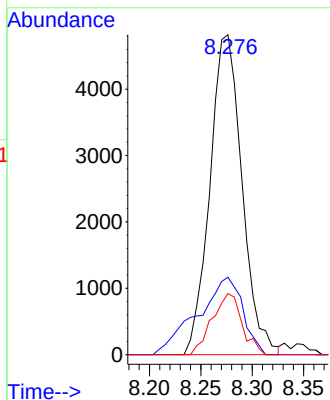
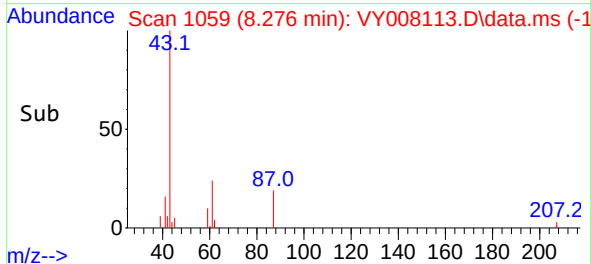
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 43 Resp: 1048
Ion Ratio Lower Upper
43 100
61 34.2 20.2 30.2
87 17.7 8.9 13.3

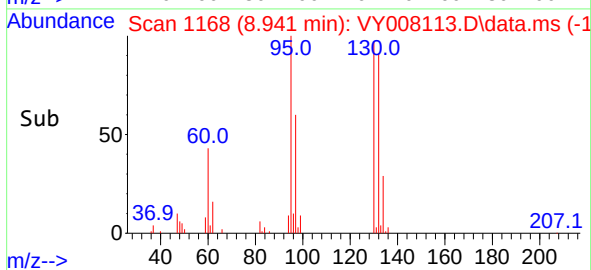
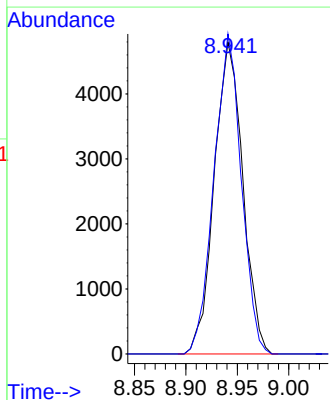
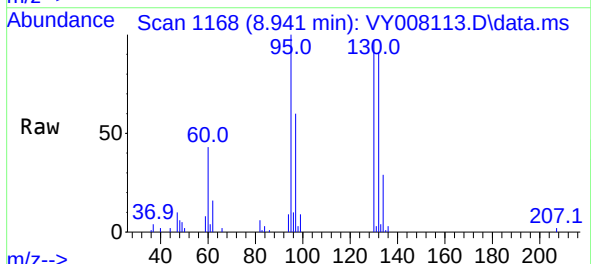
Manual Integrations
APPROVED

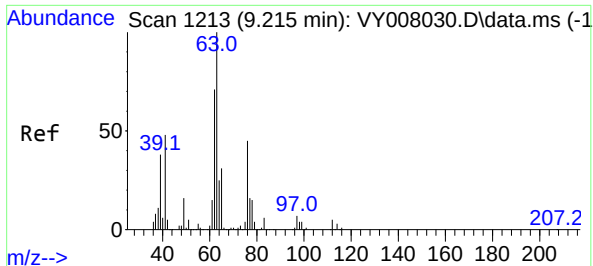
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#44
Trichloroethene
Concen: 4.427 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion:130 Resp: 9265
Ion Ratio Lower Upper
130 100
95 102.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.635 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion: 63 Resp: 7900

Ion Ratio Lower Upper

63 100

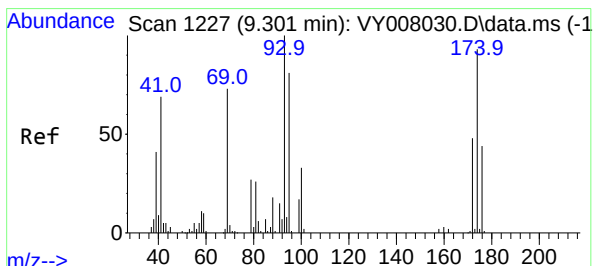
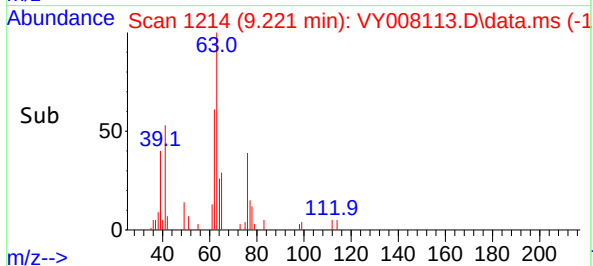
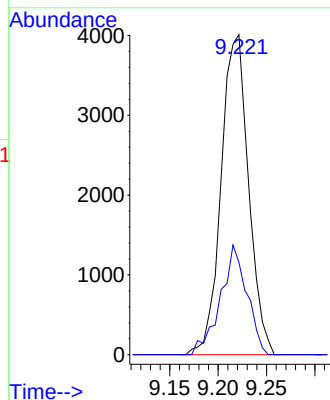
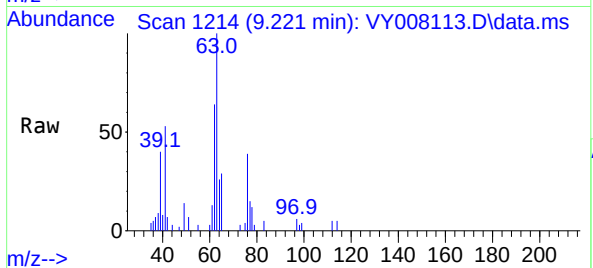
65 28.9 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022

Supervised By :Semsettin Yesilyurt 03/31/2022



#46

Dibromomethane

Concen: 4.544 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

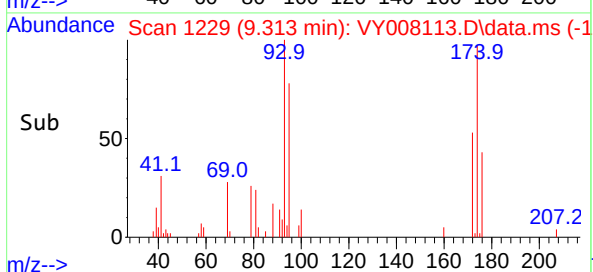
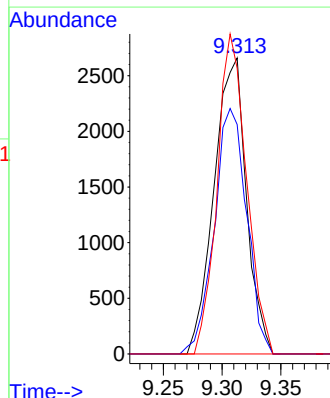
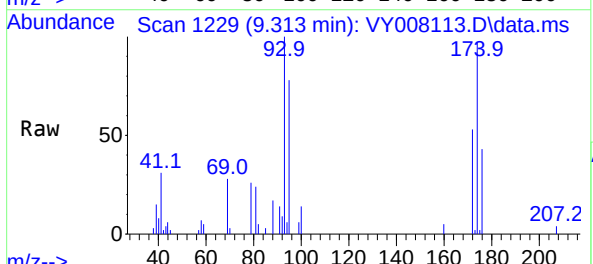
Tgt Ion: 93 Resp: 5096

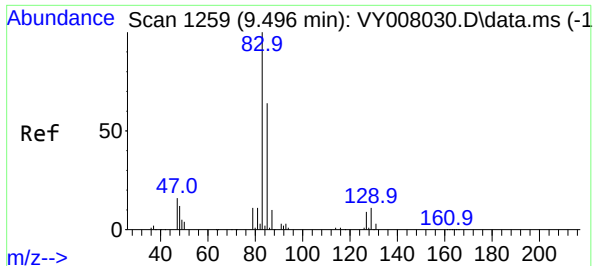
Ion Ratio Lower Upper

93 100

95 83.1 64.3 96.5

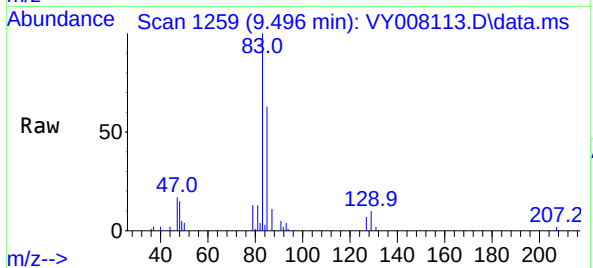
174 98.2 83.4 125.0





#47
Bromodichloromethane
Concen: 4.459 ug/l
RT: 9.496 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

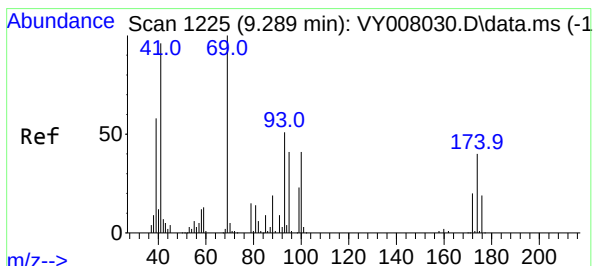
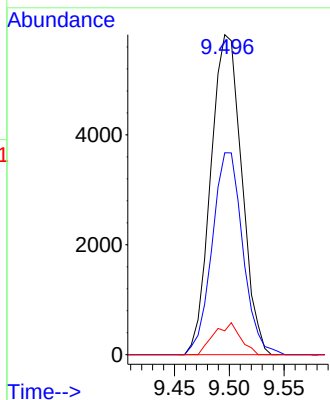
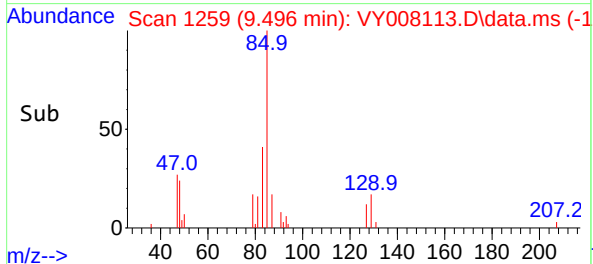
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



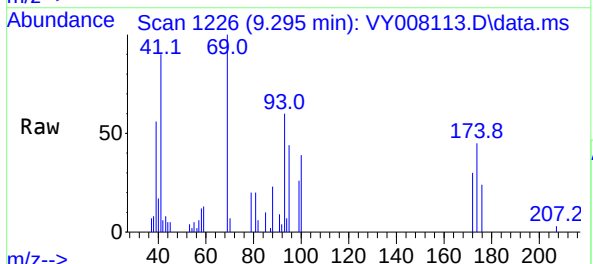
Tgt Ion: 83 Resp: 1143
Ion Ratio Lower Upper
83 100
85 63.1 51.9 77.9
127 7.4 6.6 10.0

Manual Integrations
APPROVED

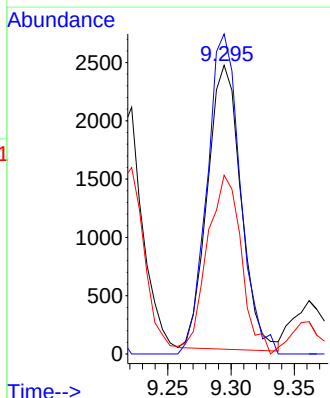
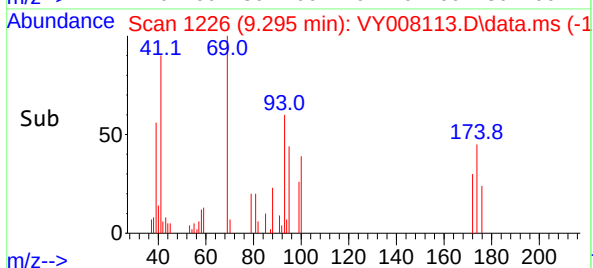
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

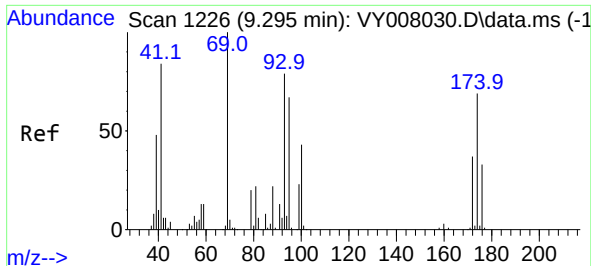


#48
Methyl methacrylate
Concen: 4.379 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



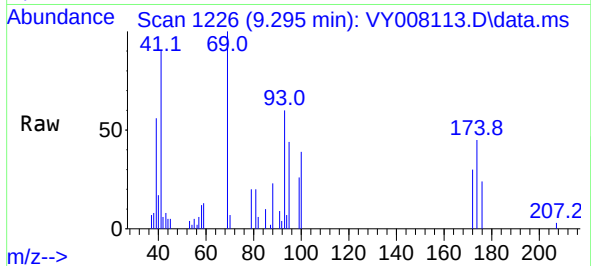
Tgt Ion: 41 Resp: 4500
Ion Ratio Lower Upper
41 100
69 111.3 58.2 87.2#
39 64.1 47.4 71.0





#49
1,4-Dioxane
Concen: 90.475 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

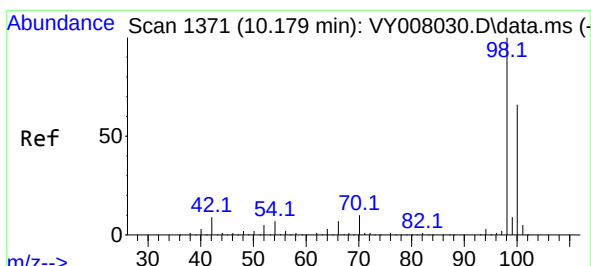
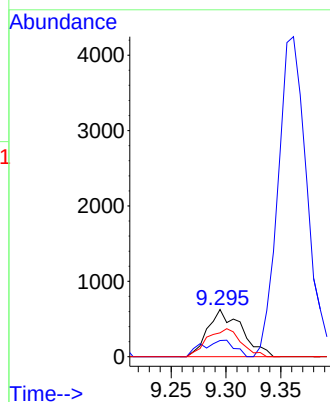
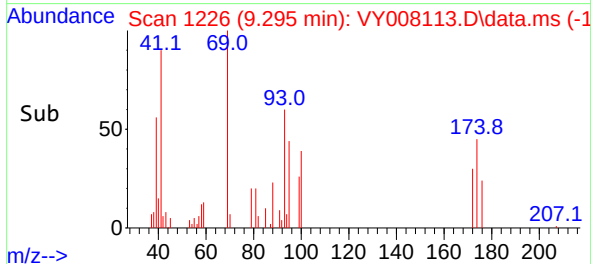
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 88 Resp: 1349
Ion Ratio Lower Upper
88 100
43 32.9 32.8 49.2
58 58.8 59.8 89.6

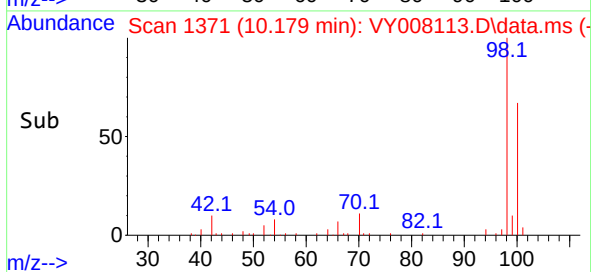
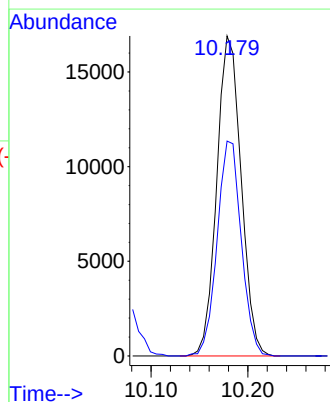
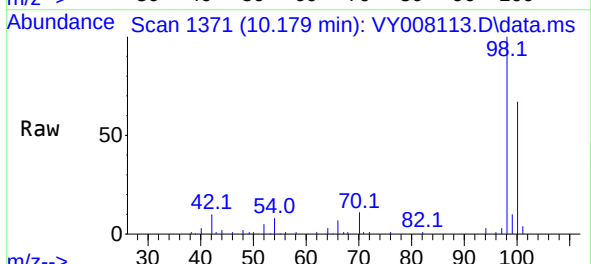
Manual Integrations
APPROVED

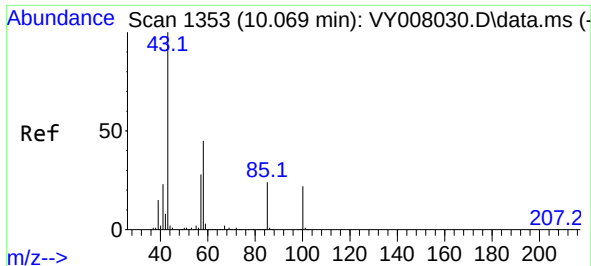
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#50
Toluene-d8
Concen: 4.870 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

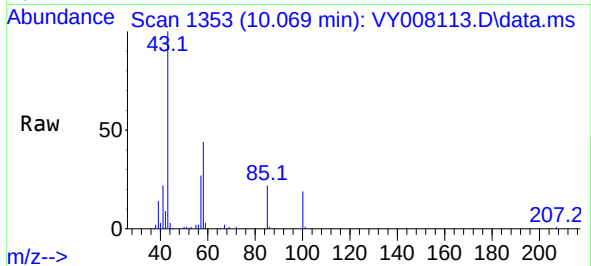
Tgt Ion: 98 Resp: 29553
Ion Ratio Lower Upper
98 100
100 66.5 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 22.700 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

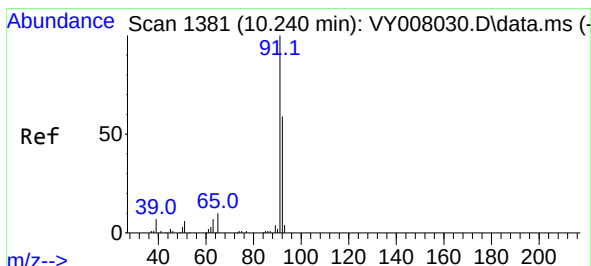
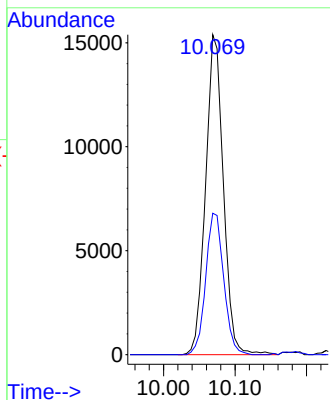
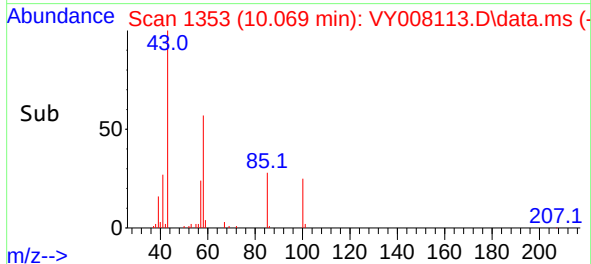
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



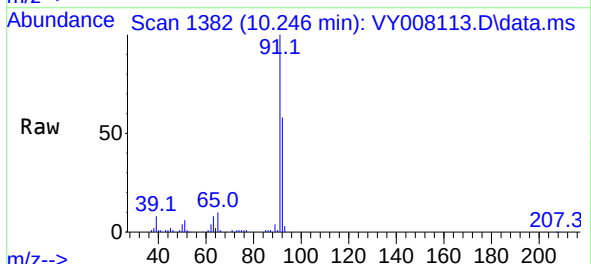
Tgt Ion: 43 Resp: 26560
Ion Ratio Lower Upper
43 100
58 44.8 28.1 42.1

Manual Integrations
APPROVED

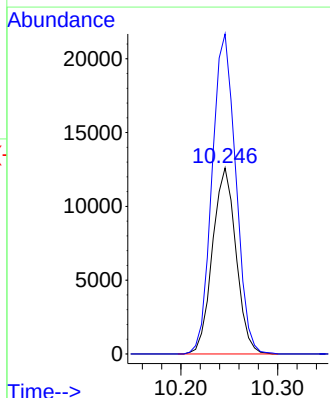
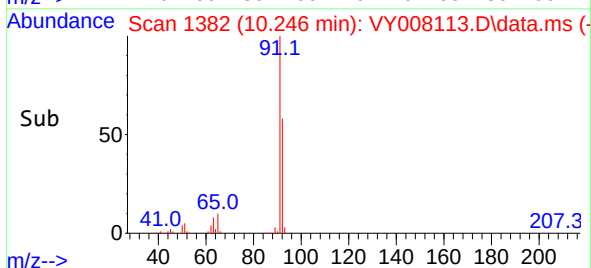
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

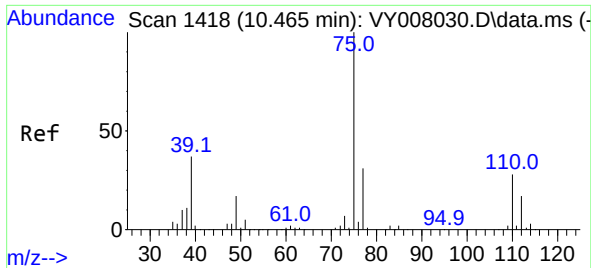


#52
Toluene
Concen: 4.479 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



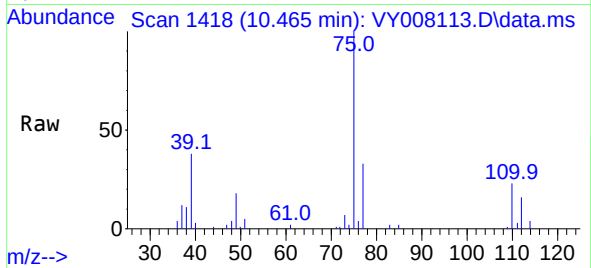
Tgt Ion: 92 Resp: 21260
Ion Ratio Lower Upper
92 100
91 173.2 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 4.333 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

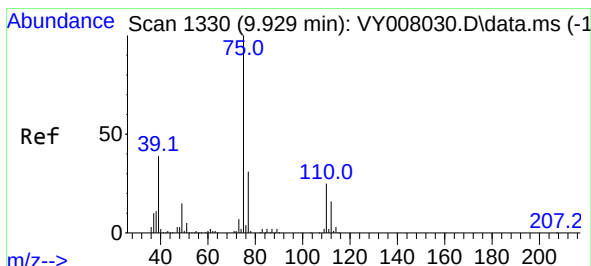
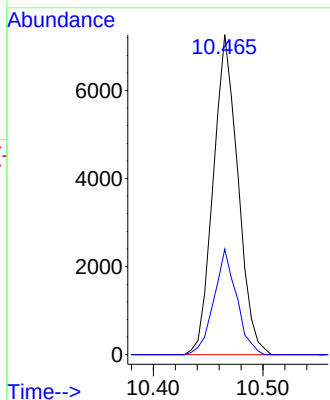
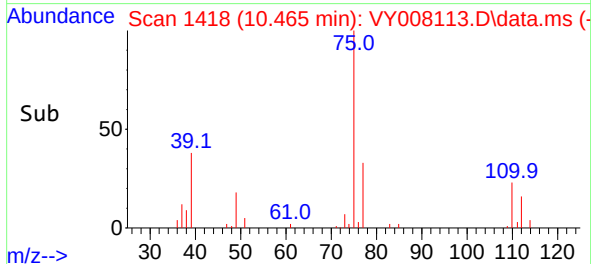
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2022



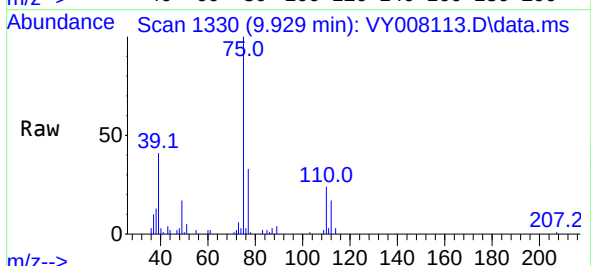
Tgt Ion: 75 Resp: 11392
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2

Manual Integrations
APPROVED

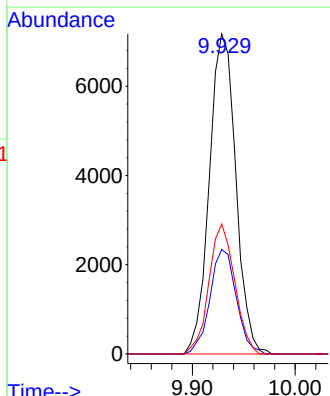
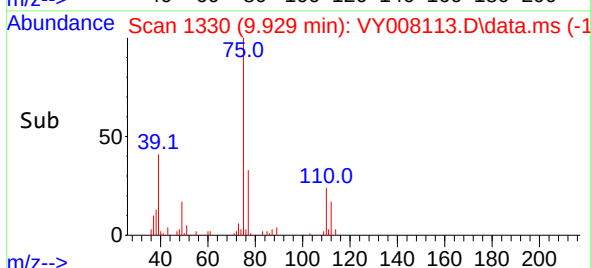
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

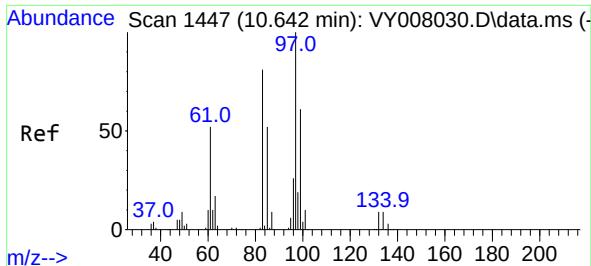


#54
cis-1,3-Dichloropropene
Concen: 4.313 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



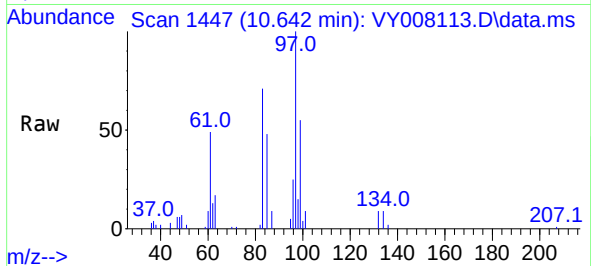
Tgt Ion: 75 Resp: 12837
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4
39 40.6 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 4.712 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

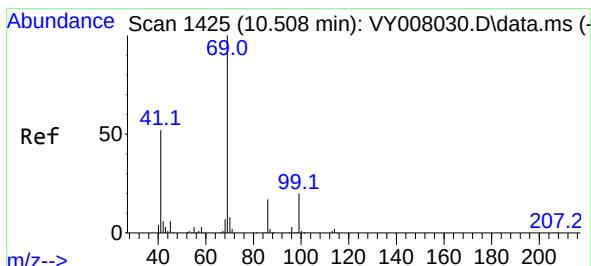
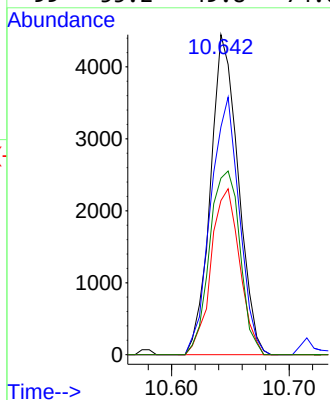
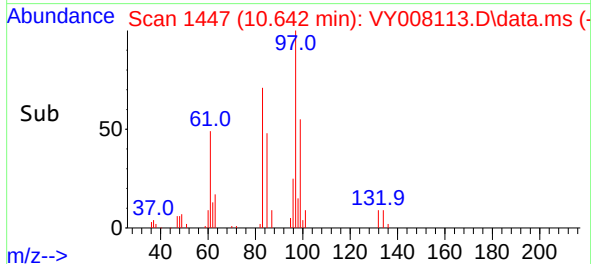
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2022



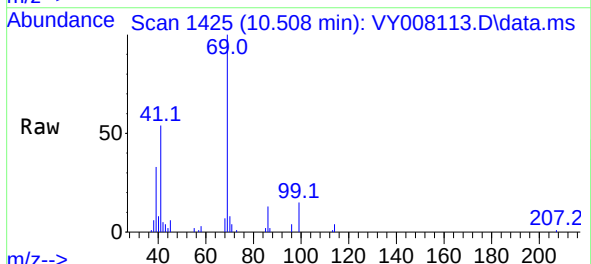
Tgt Ion:	97	Resp:	729
Ion	Ratio	Lower	Upper
97	100		
83	71.1	69.8	104.8
85	48.1	44.3	66.5
99	55.2	49.8	74.6

Manual Integrations
APPROVED

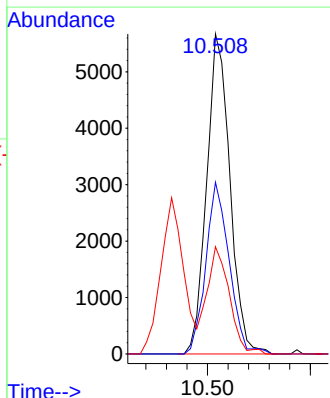
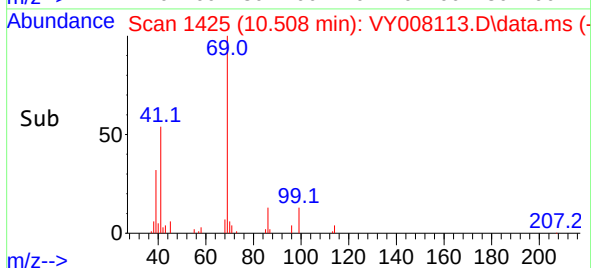
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

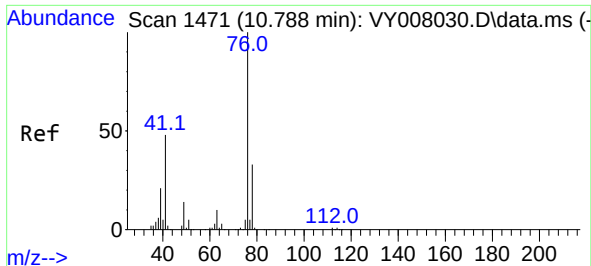


#56
Ethyl methacrylate
Concen: 4.421 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



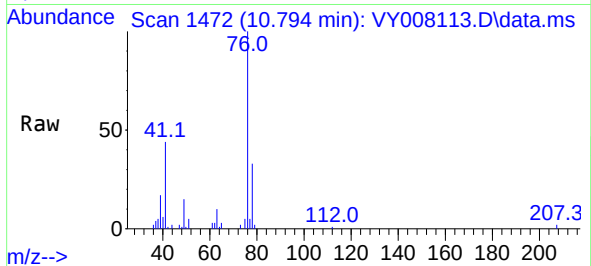
Tgt Ion:	69	Resp:	8931
Ion	Ratio	Lower	Upper
69	100		
41	53.9	63.4	95.0#
39	32.3	35.8	53.8#





#57
1,3-Dichloropropane
Concen: 4.628 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

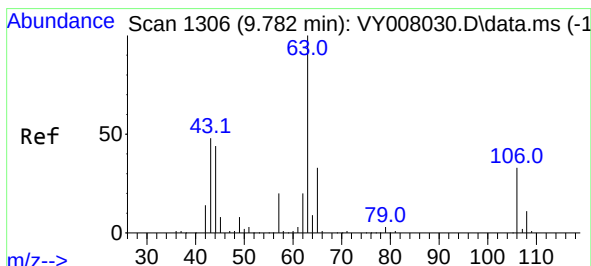
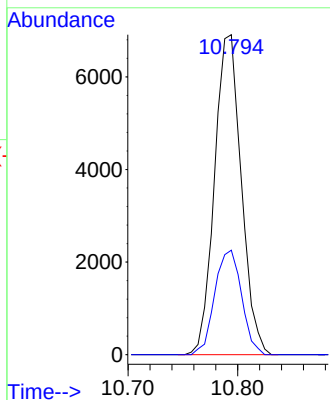
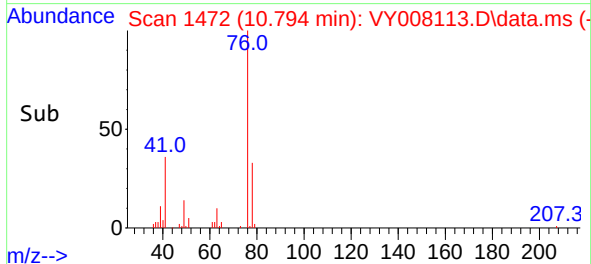
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 76 Resp: 11730
Ion Ratio Lower Upper
76 100
78 32.7 25.0 37.6

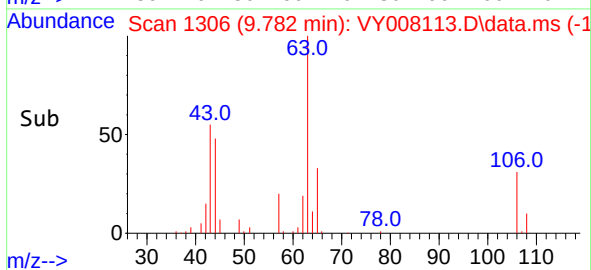
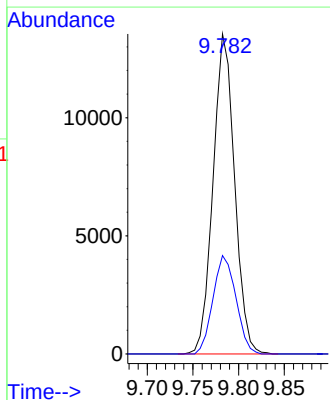
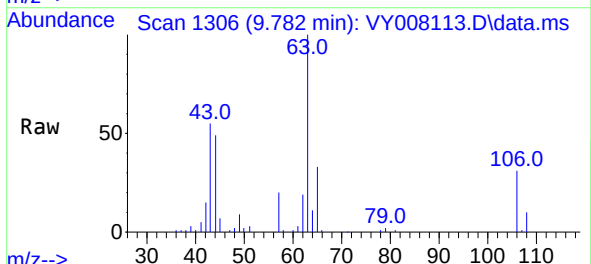
Manual Integrations
APPROVED

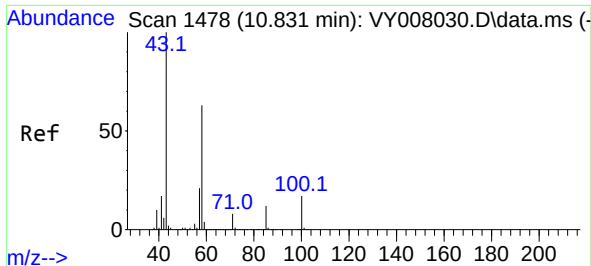
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#58
2-Chloroethyl Vinyl ether
Concen: 26.487 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

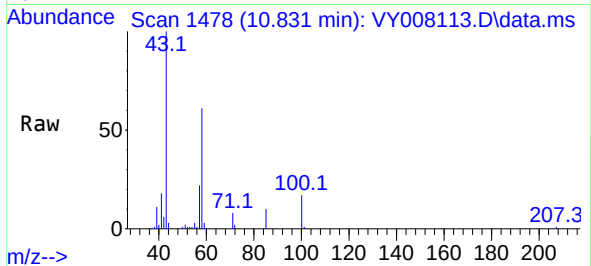
Tgt Ion: 63 Resp: 22170
Ion Ratio Lower Upper
63 100
106 32.8 21.5 32.3#





#59
2-Hexanone
Concen: 22.358 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

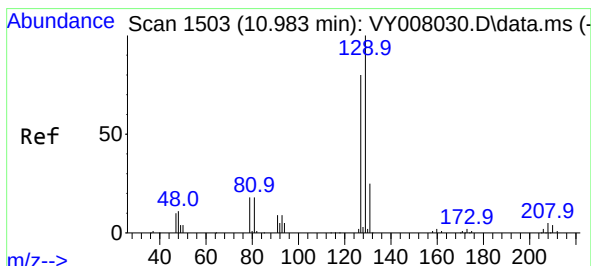
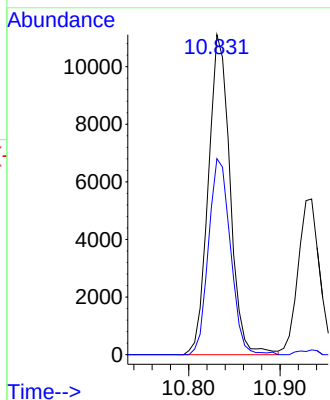
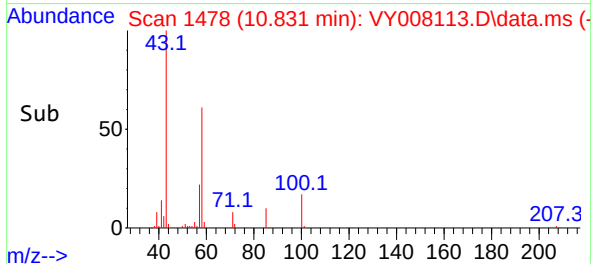
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 43 Resp: 18310
Ion Ratio Lower Upper
43 100
58 61.9 24.4 73.4

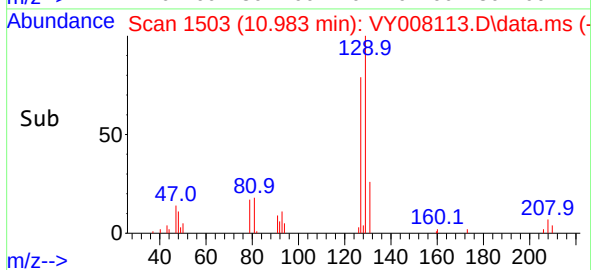
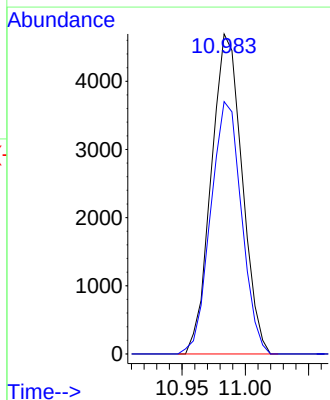
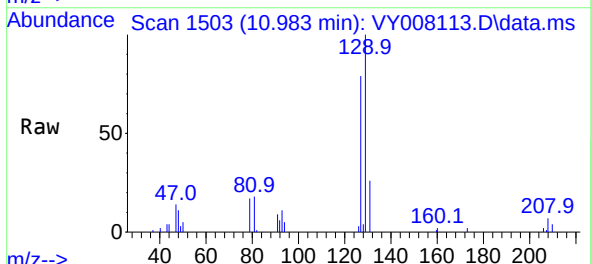
Manual Integrations
APPROVED

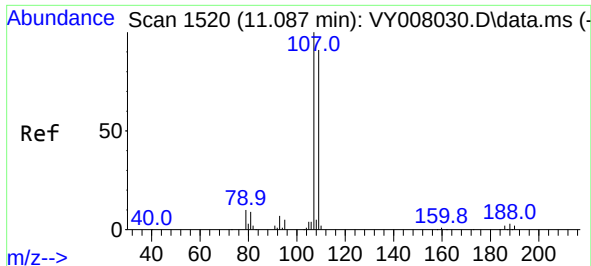
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#60
Dibromochloromethane
Concen: 4.228 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

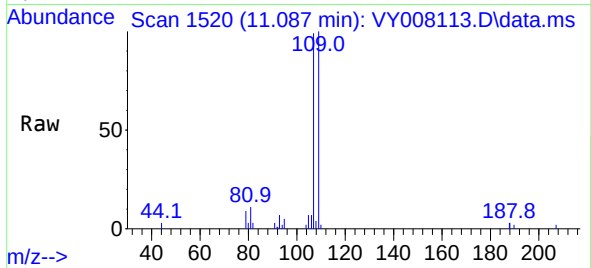
Tgt Ion:129 Resp: 7964
Ion Ratio Lower Upper
129 100
127 78.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 4.576 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

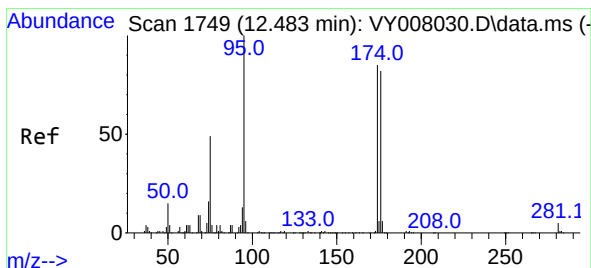
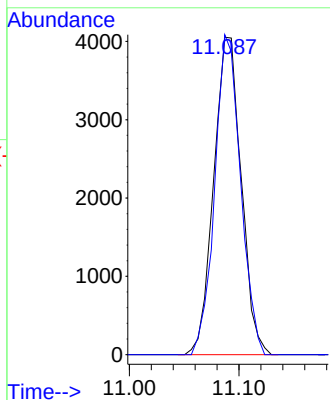
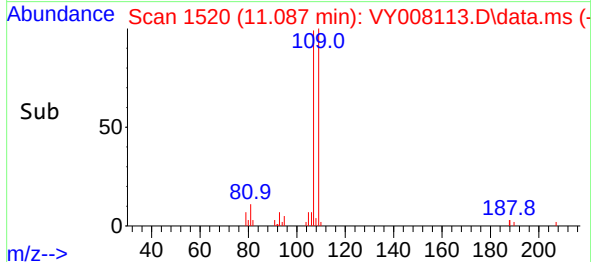
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



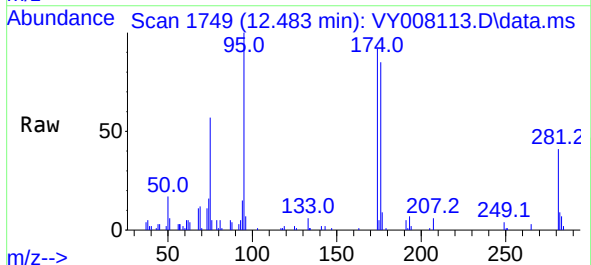
Tgt Ion:107 Resp: 7058
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2

Manual Integrations
APPROVED

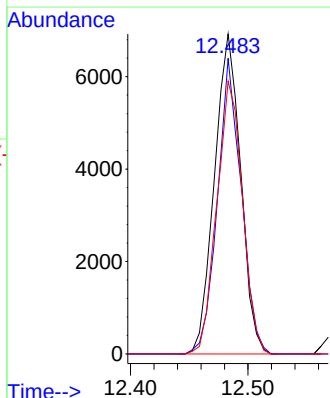
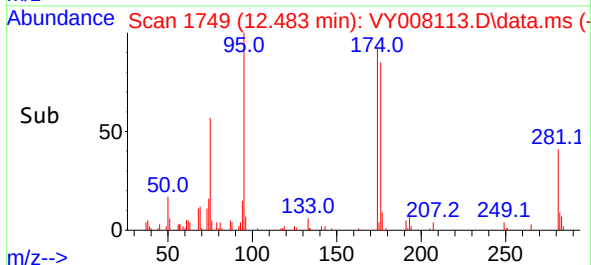
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

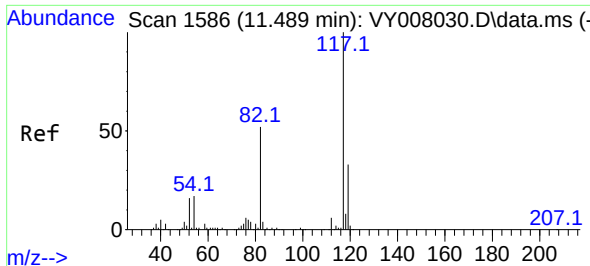


#62
4-Bromofluorobenzene
Concen: 5.019 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



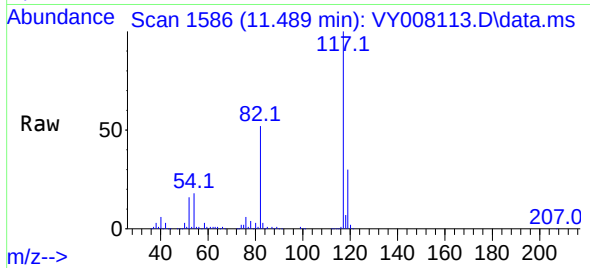
Tgt Ion: 95 Resp: 10746
Ion Ratio Lower Upper
95 100
174 83.7 0.0 177.0
176 83.4 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

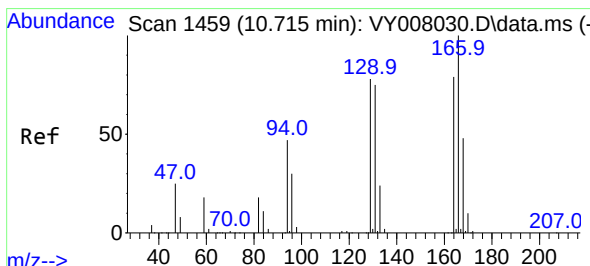
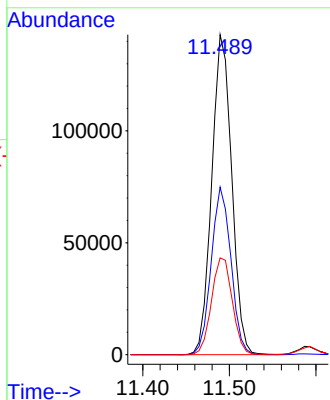
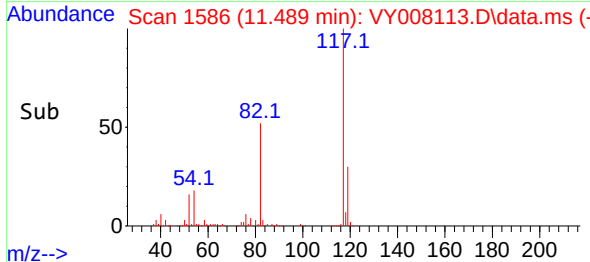
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



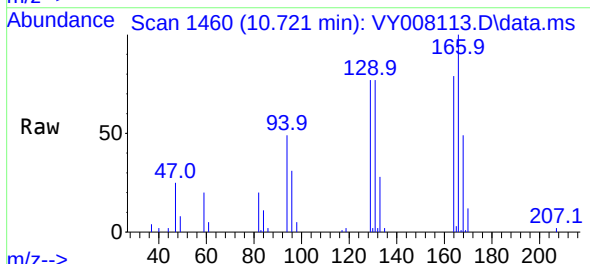
Tgt Ion:117 Resp: 229079
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 30.2 25.4 38.0

Manual Integrations
APPROVED

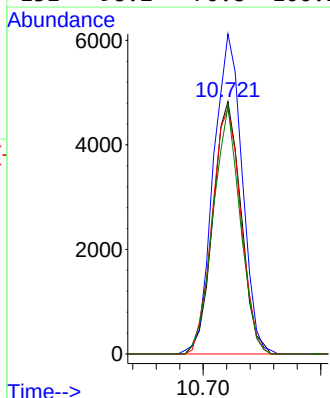
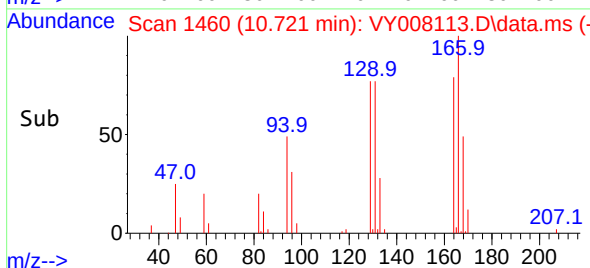
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

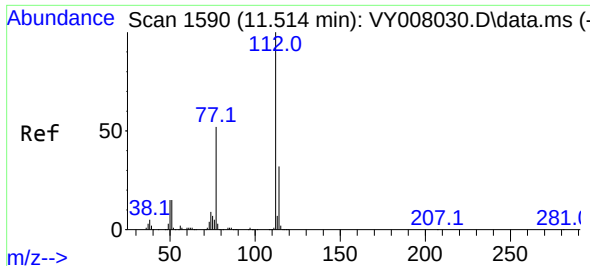


#64
Tetrachloroethene
Concen: 4.537 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



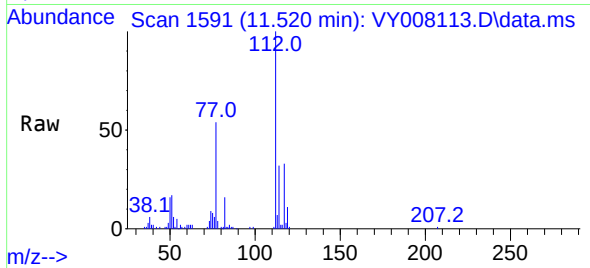
Tgt Ion:164 Resp: 7983
Ion Ratio Lower Upper
164 100
166 126.8 100.4 150.6
129 97.4 71.4 107.0
131 98.2 70.8 106.2





#65
Chlorobenzene
Concen: 4.502 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

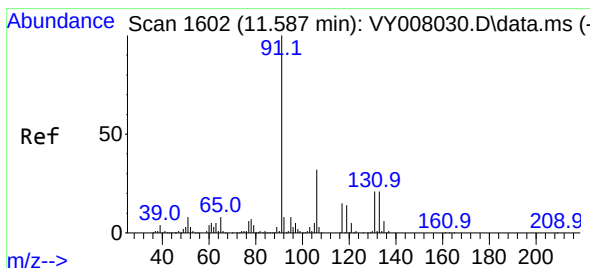
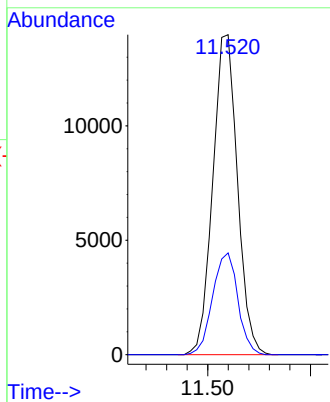
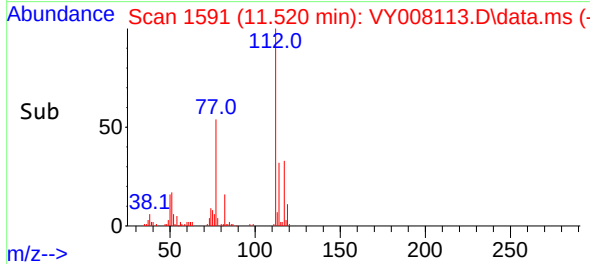
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



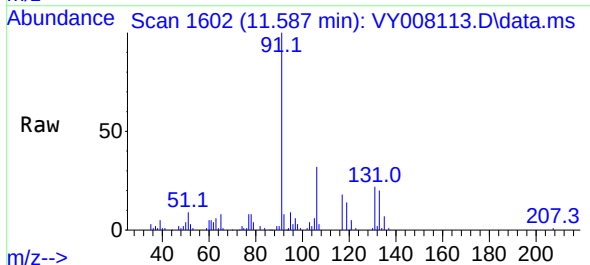
Tgt Ion:112 Resp: 23254
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

Manual Integrations
APPROVED

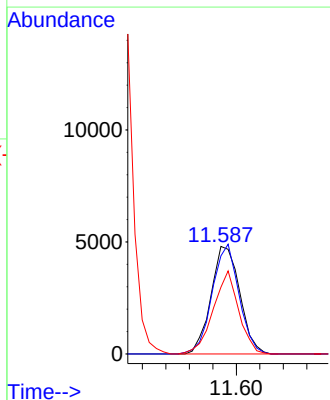
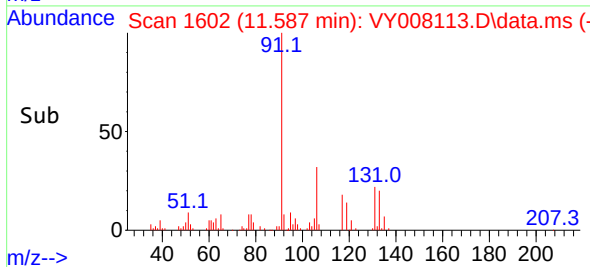
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

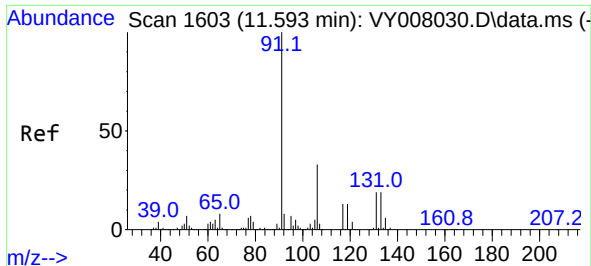


#66
1,1,1,2-Tetrachloroethane
Concen: 4.292 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



Tgt Ion:131 Resp: 8178
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.6
119 68.3 30.8 92.3





#67

Ethyl Benzene

Concen: 4.504 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY008113.D

Acq: 30 Mar 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion: 91 Resp: 40778

Ion Ratio Lower Upper

91 100

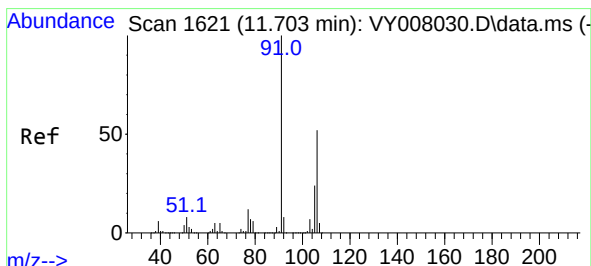
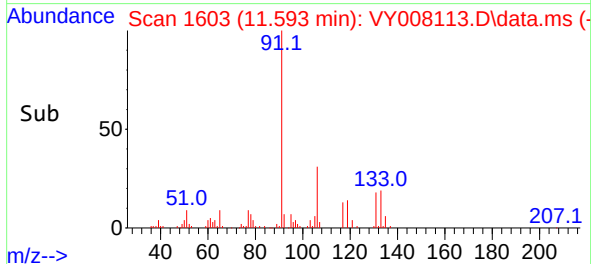
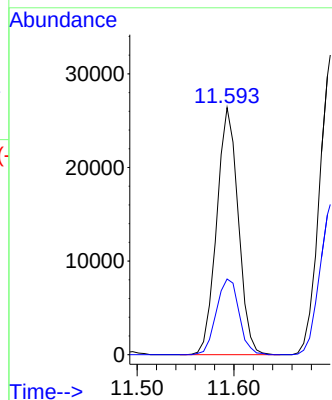
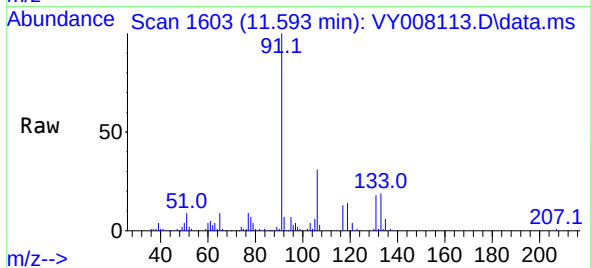
106 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022

Supervised By :Semsettin Yesilyurt 03/31/2022



#68

m/p-Xylenes

Concen: 8.945 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008113.D

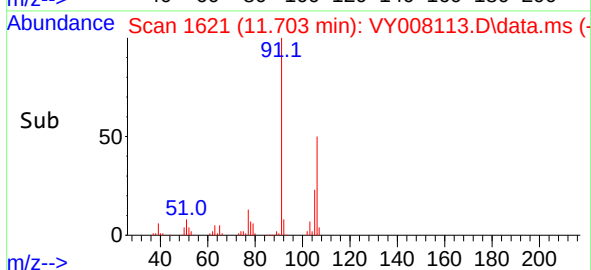
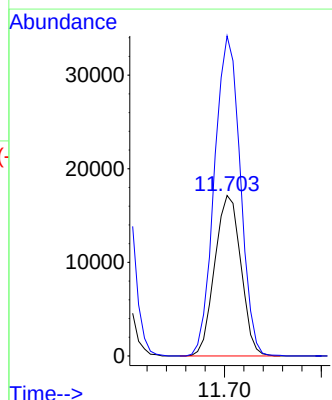
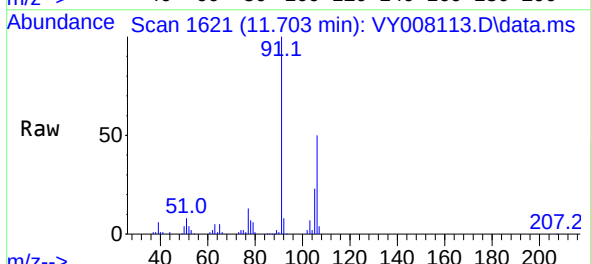
Acq: 30 Mar 2022 16:27

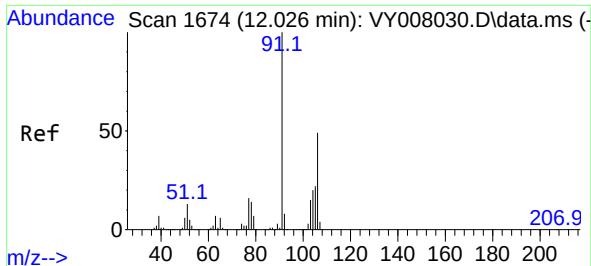
Tgt Ion:106 Resp: 32202

Ion Ratio Lower Upper

106 100

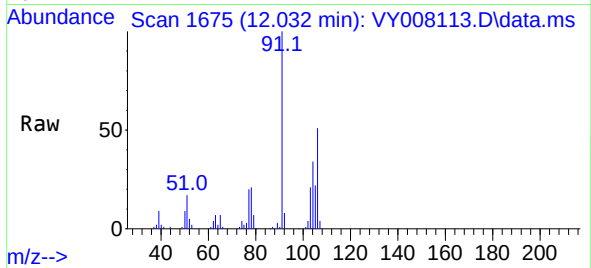
91 197.3 166.6 249.8





#69
o-Xylene
Concen: 4.591 ug/l
RT: 12.032 min Scan# 106
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

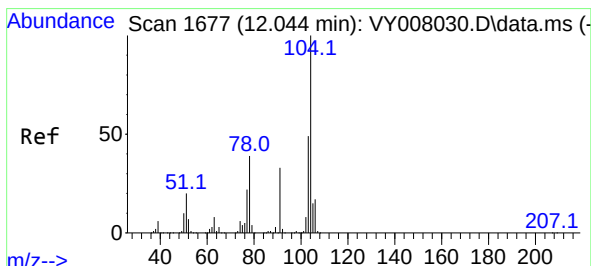
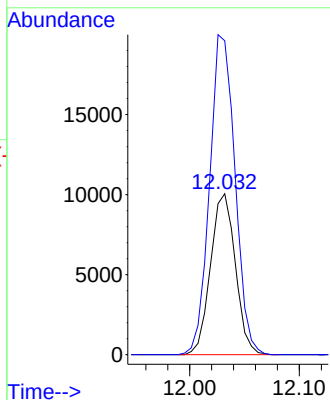
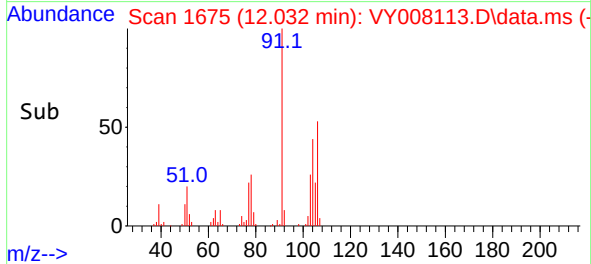
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



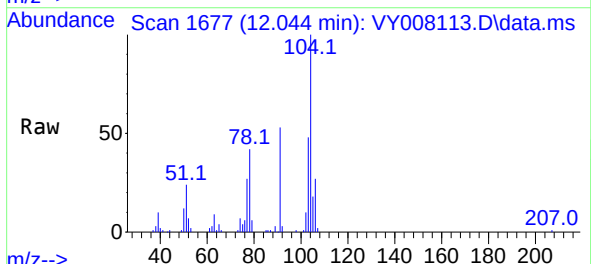
Tgt Ion:106 Resp: 1582
Ion Ratio Lower Upper
106 100
91 203.6 110.3 331.0

Manual Integrations
APPROVED

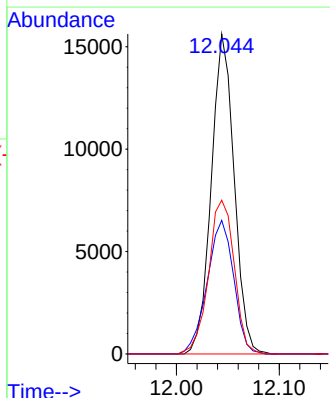
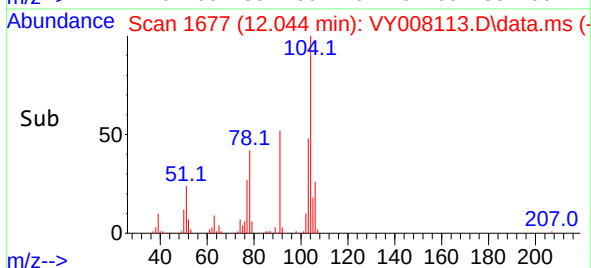
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

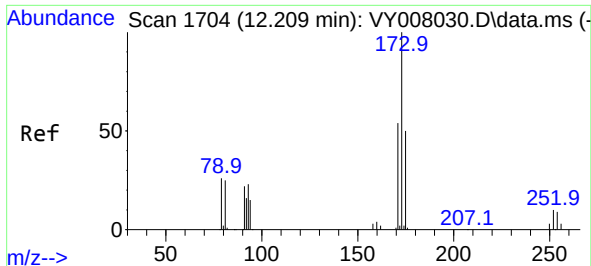


#70
Styrene
Concen: 4.281 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



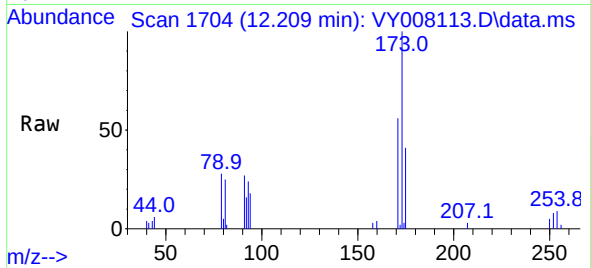
Tgt Ion:104 Resp: 24154
Ion Ratio Lower Upper
104 100
78 48.3 42.4 63.6
103 54.0 44.4 66.6





#71
Bromoform
Concen: 3.992 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

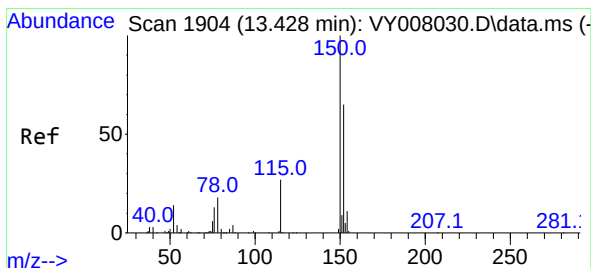
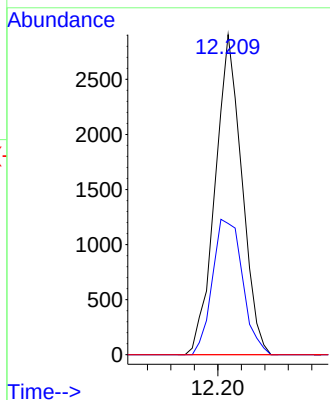
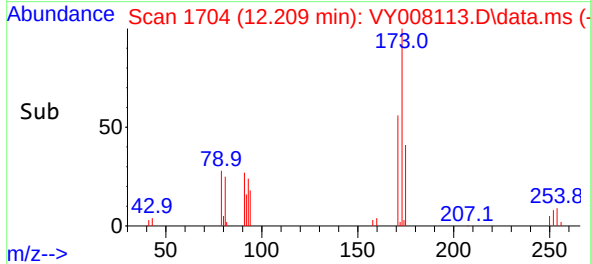
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



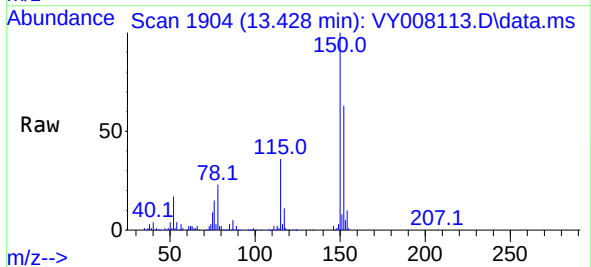
Tgt Ion:173 Resp: 4592
Ion Ratio Lower Upper
173 100
175 47.5 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

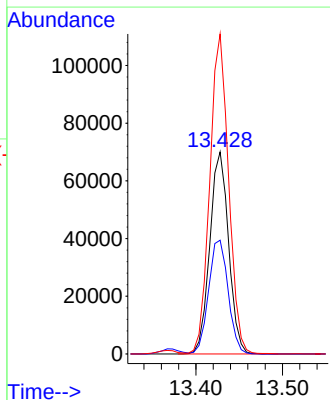
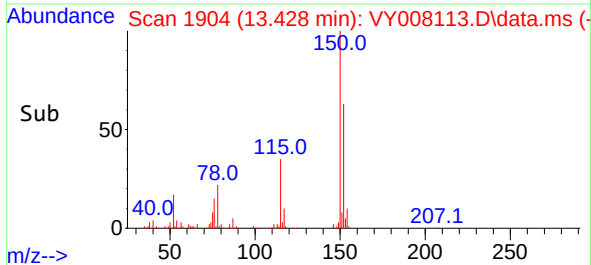
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

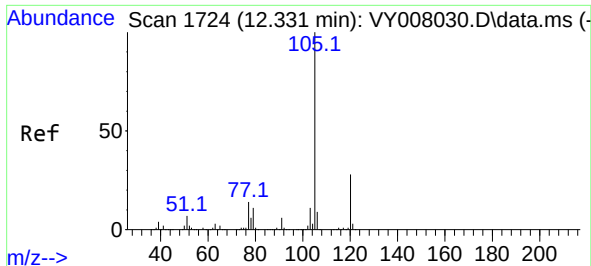


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



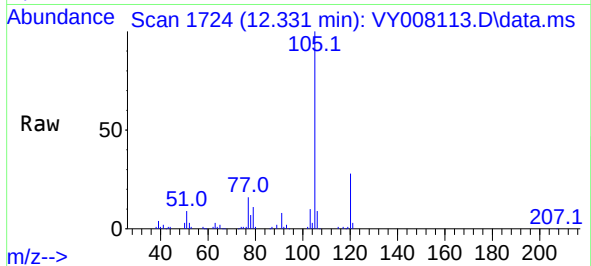
Tgt Ion:152 Resp: 105556
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 158.5 0.0 347.6





#73
Isopropylbenzene
Concen: 4.535 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

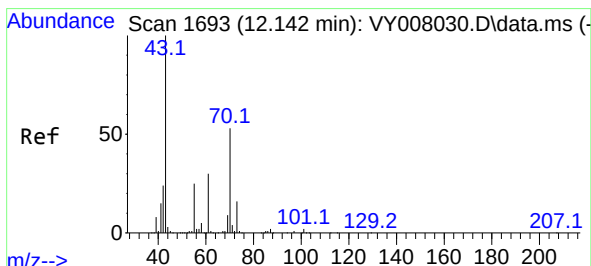
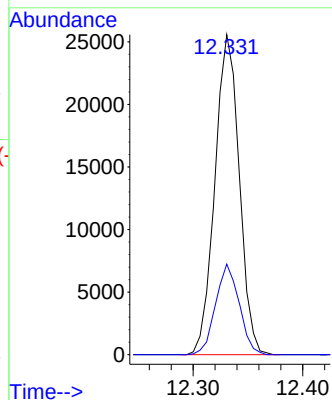
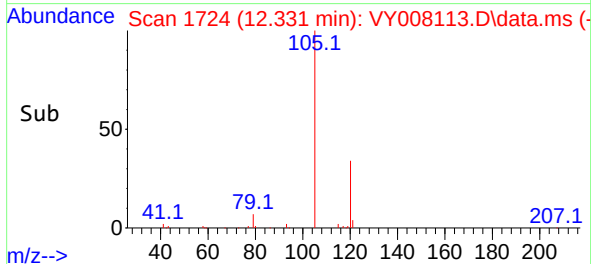
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



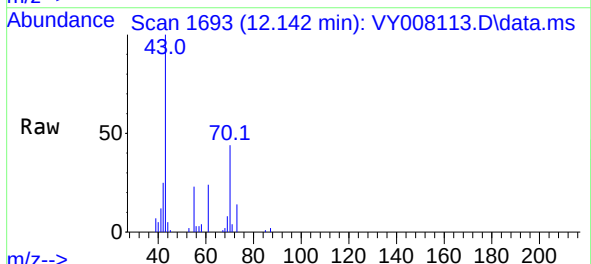
Tgt Ion:105 Resp: 39510
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2

Manual Integrations
APPROVED

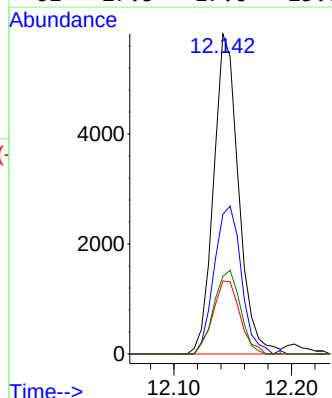
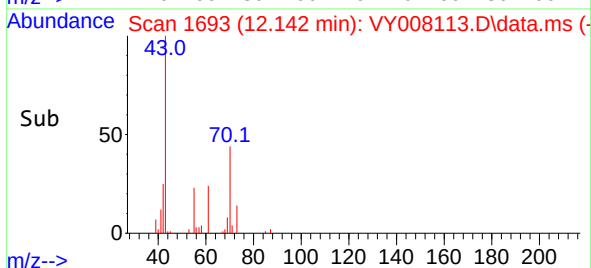
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

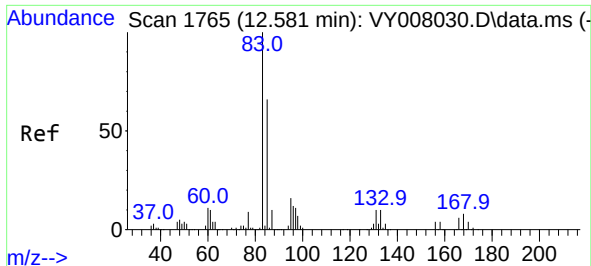


#74
N-ethyl acetate
Concen: 4.490 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



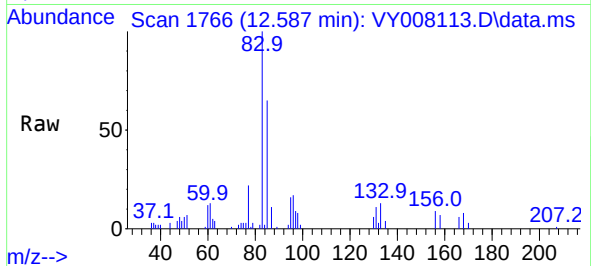
Tgt Ion: 43 Resp: 8600
Ion Ratio Lower Upper
43 100
70 50.3 28.7 43.1#
55 24.8 17.3 25.9
61 27.5 17.0 25.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 4.864 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

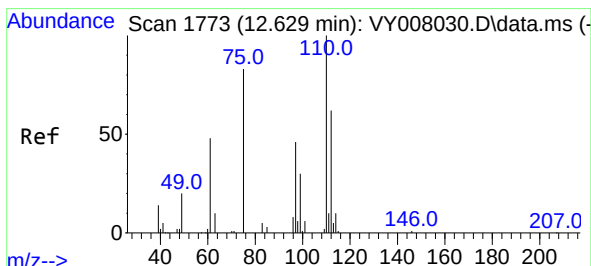
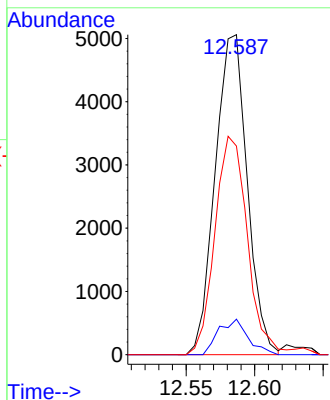
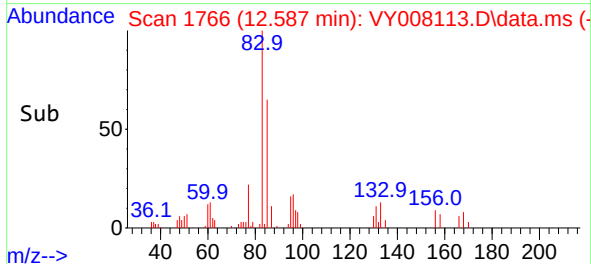
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



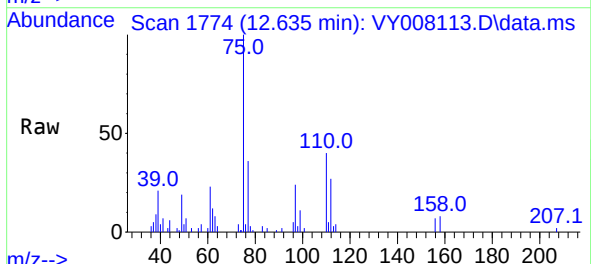
Tgt Ion: 83 Resp: 823
Ion Ratio Lower Upper
83 100
131 10.2 5.6 16.8
85 69.0 32.3 96.8

Manual Integrations
APPROVED

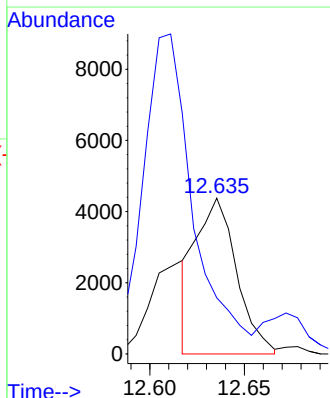
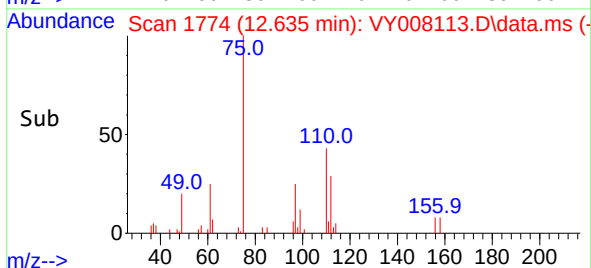
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

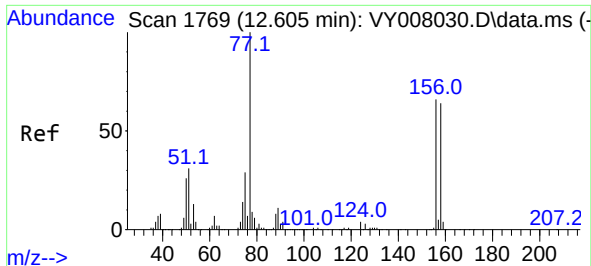


#76
1,2,3-Trichloropropane
Concen: 5.116 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



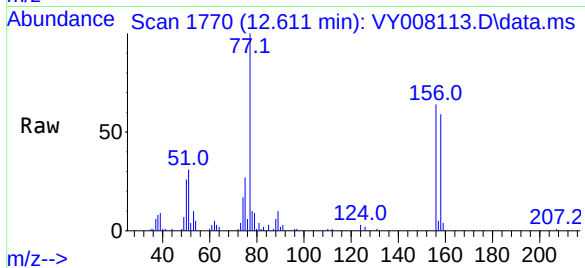
Tgt Ion: 75 Resp: 6583
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.536 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

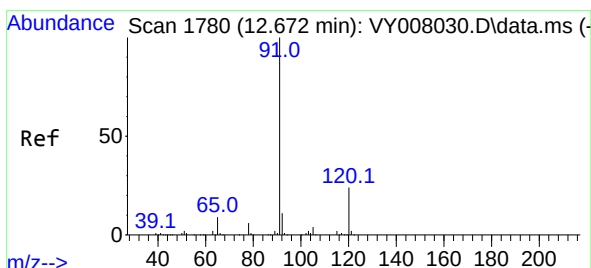
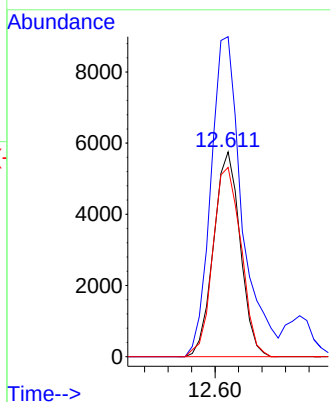
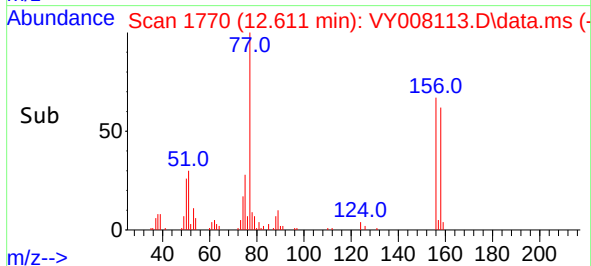
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 156 Resp: 906
Ion Ratio Lower Upper
156 100
77 182.4 95.5 286.4
158 98.1 48.0 144.0

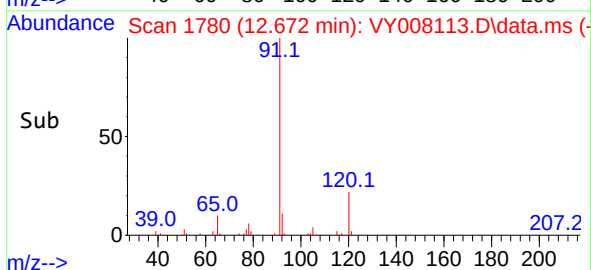
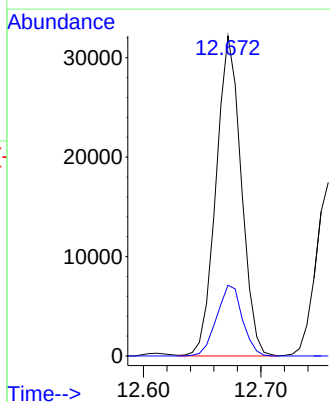
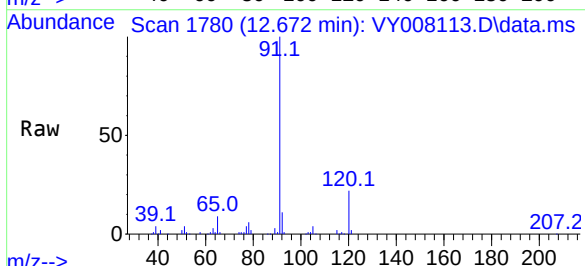
Manual Integrations
APPROVED

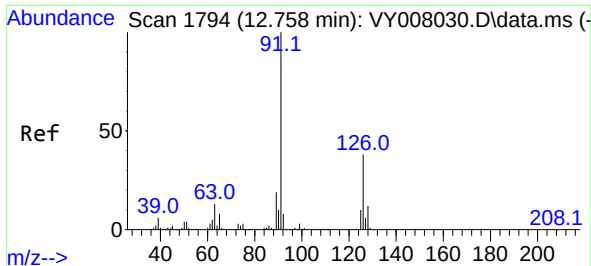
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#78
n-propylbenzene
Concen: 4.662 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Tgt Ion: 91 Resp: 47912
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.9





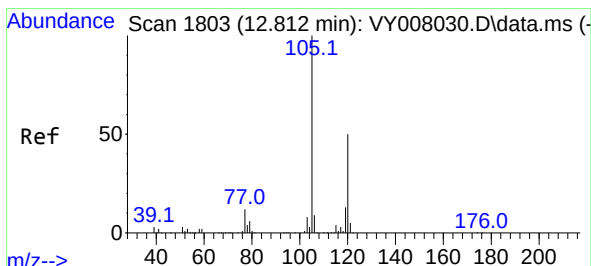
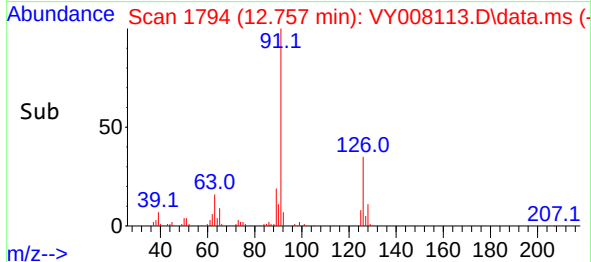
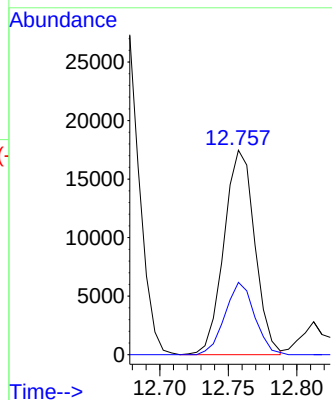
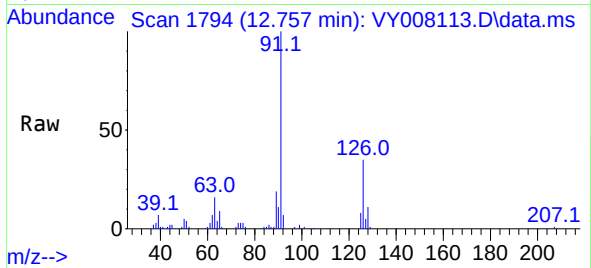
#79
2-Chlorotoluene
Concen: 4.801 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022

Tgt Ion: 91 Resp: 2737
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6

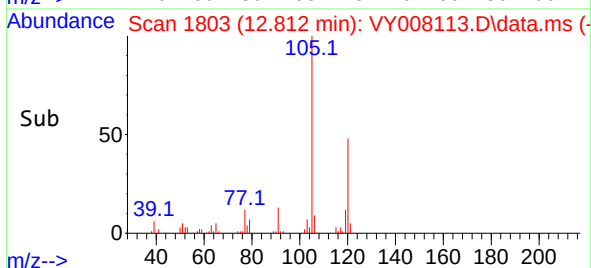
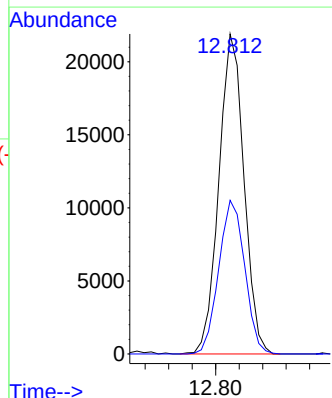
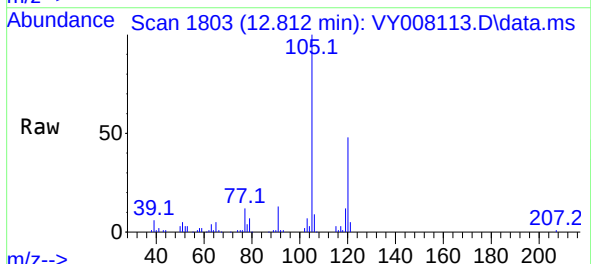
Manual Integrations
APPROVED

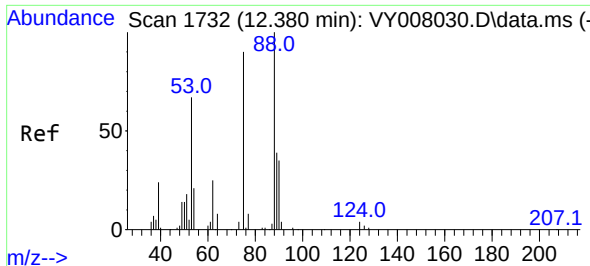
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.551 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

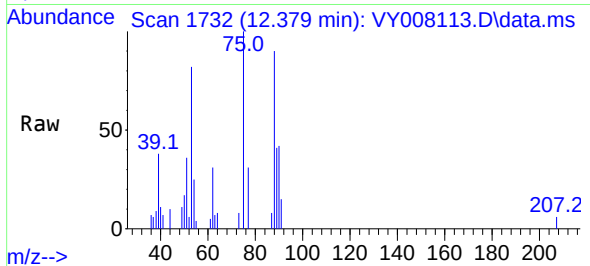
Tgt Ion:105 Resp: 32482
Ion Ratio Lower Upper
105 100
120 49.7 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.255 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

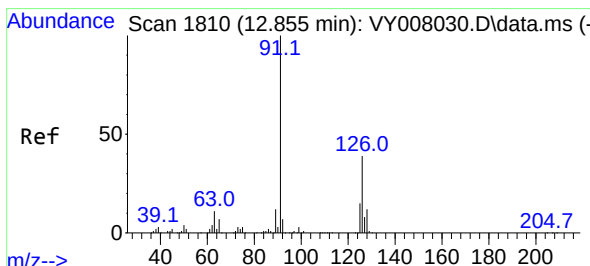
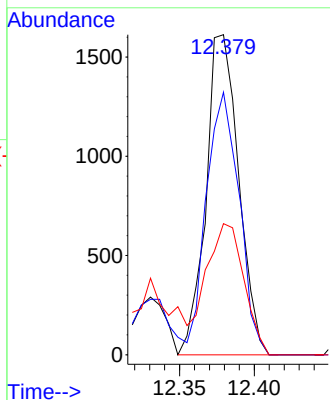
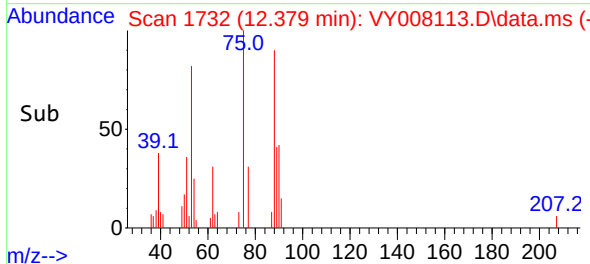
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2022



Tgt Ion: 75 Resp: 2454
Ion Ratio Lower Upper
75 100
53 82.0 85.3 127.9
89 47.6 37.0 55.4

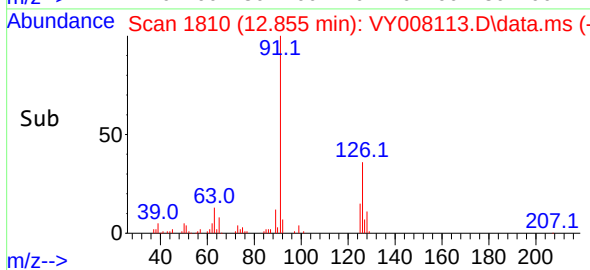
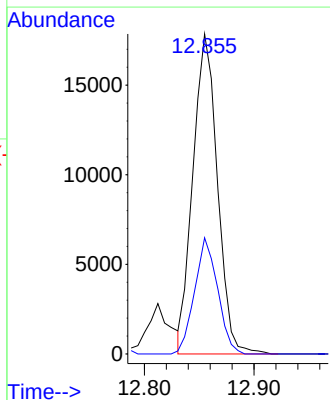
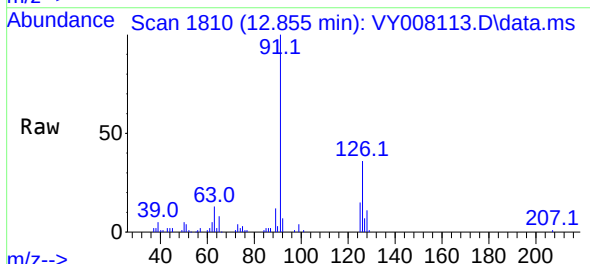
Manual Integrations
APPROVED

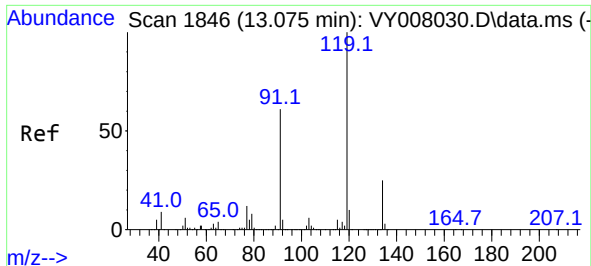
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#82
4-Chlorotoluene
Concen: 4.735 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

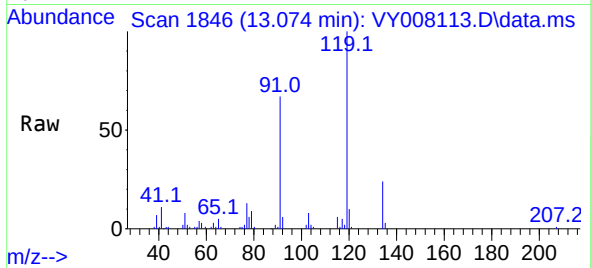
Tgt Ion: 91 Resp: 27697
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0





#83
tert-Butylbenzene
Concen: 4.444 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

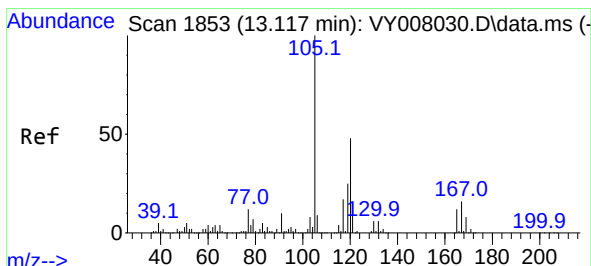
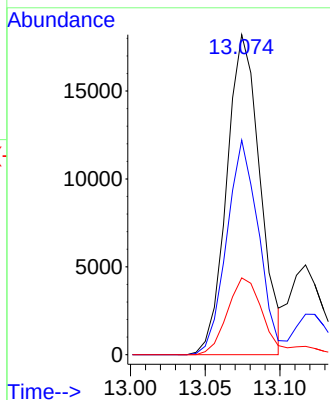
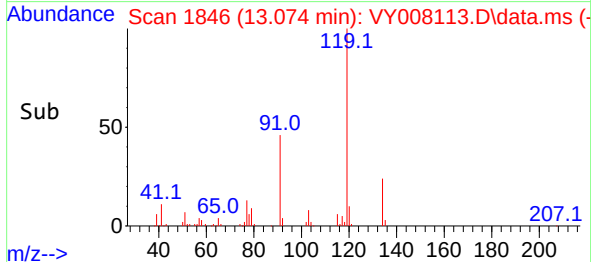
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2022



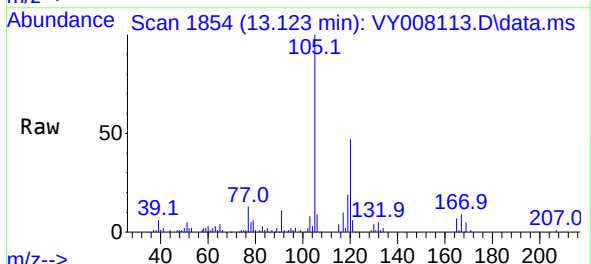
Tgt Ion:119 Resp: 2825
Ion Ratio Lower Upper
119 100
91 64.6 34.8 104.4
134 27.1 13.3 39.9

Manual Integrations
APPROVED

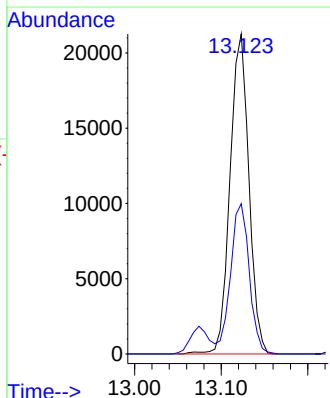
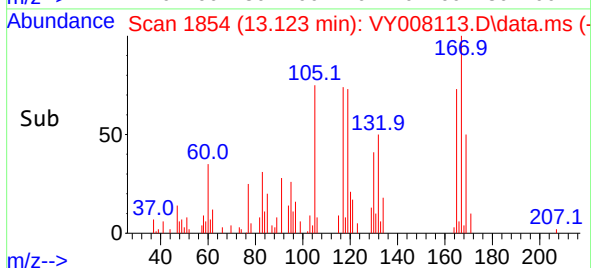
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

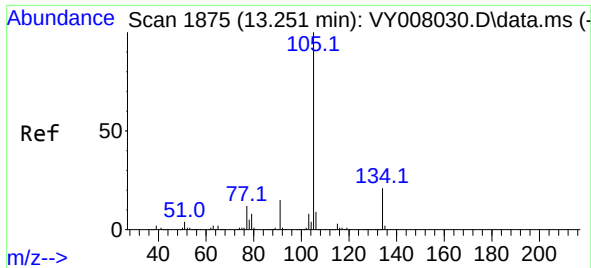


#84
1,2,4-Trimethylbenzene
Concen: 4.620 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



Tgt Ion:105 Resp: 32114
Ion Ratio Lower Upper
105 100
120 46.7 22.3 66.9





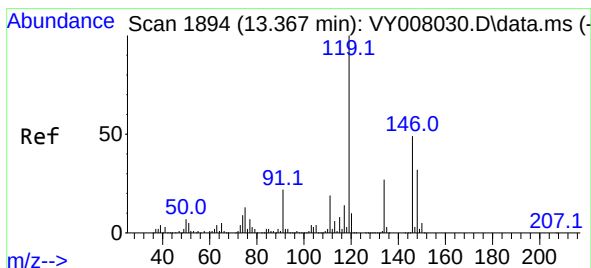
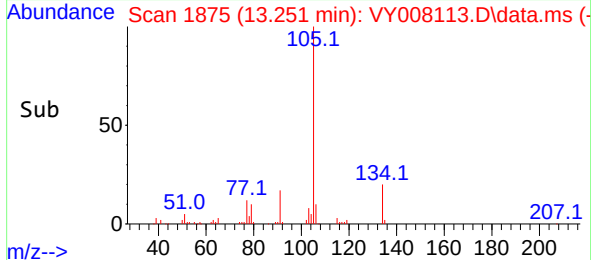
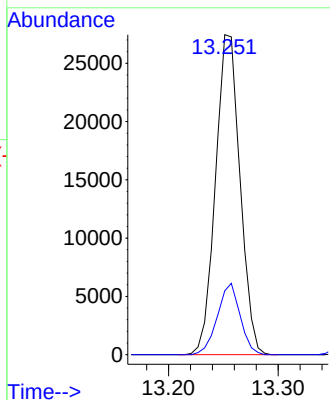
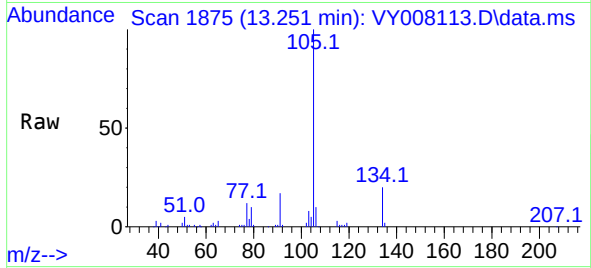
#85
 sec-Butylbenzene
 Concen: 4.550 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008113.D
 Acq: 30 Mar 2022 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022

Tgt Ion:105 Resp: 42700
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

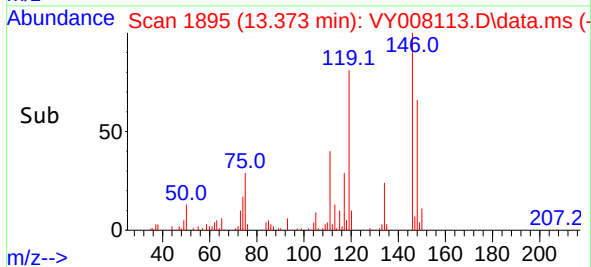
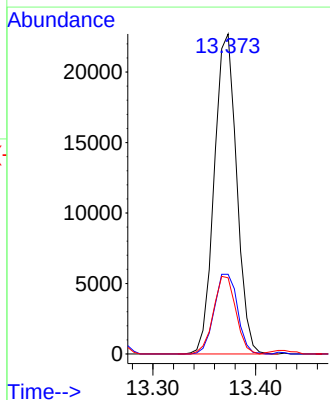
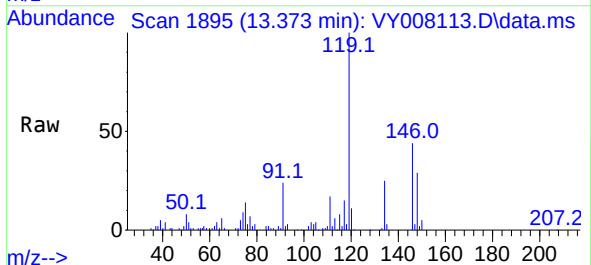
Manual Integrations
 APPROVED

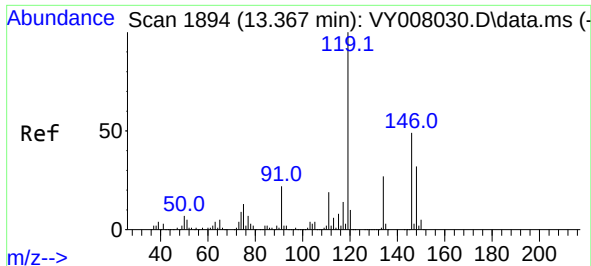
Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022



#86
 p-Isopropyltoluene
 Concen: 4.383 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008113.D
 Acq: 30 Mar 2022 16:27

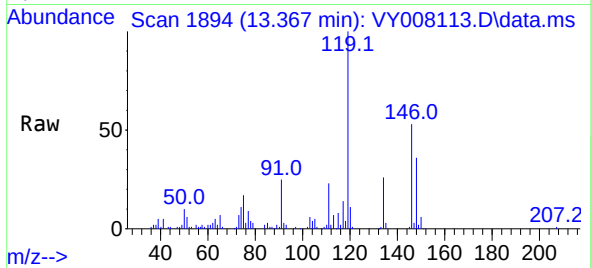
Tgt Ion:119 Resp: 34240
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 24.2 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 4.538 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

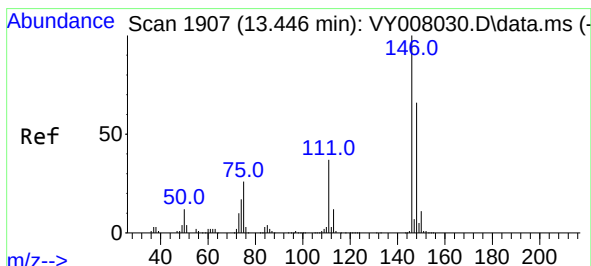
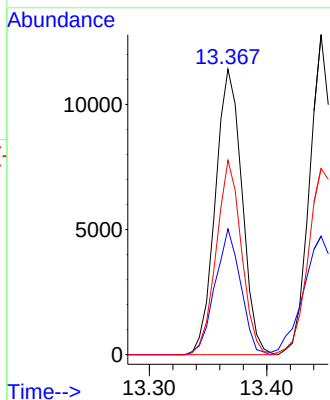
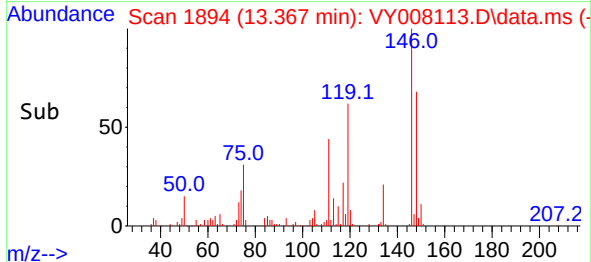
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



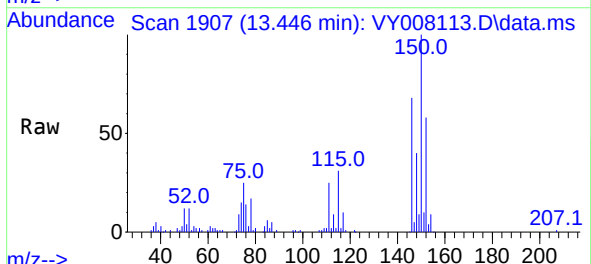
Tgt Ion:146 Resp: 1798
Ion Ratio Lower Upper
146 100
111 42.6 19.5 58.5
148 64.2 31.6 95.0

Manual Integrations
APPROVED

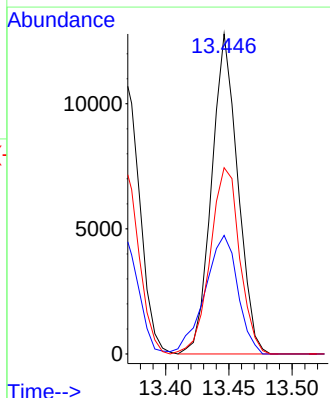
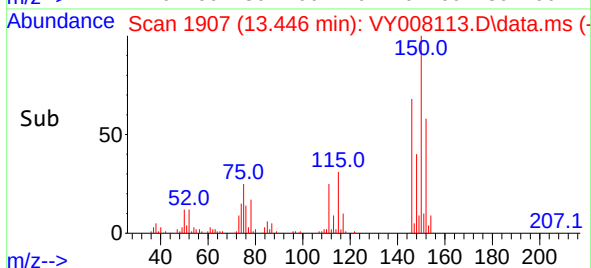
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

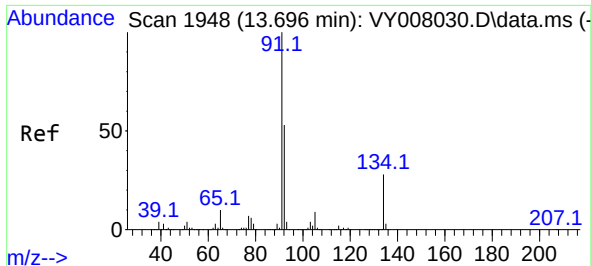


#88
1,4-Dichlorobenzene
Concen: 4.650 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



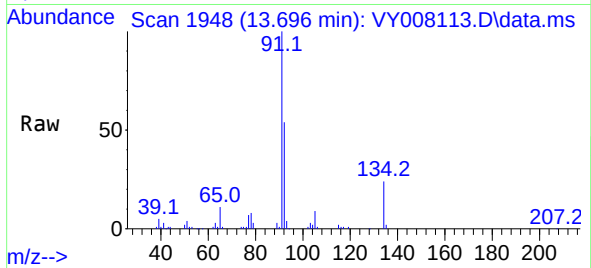
Tgt Ion:146 Resp: 18376
Ion Ratio Lower Upper
146 100
111 46.5 19.3 57.8
148 65.6 32.6 97.8





#89
n-Butylbenzene
Concen: 4.562 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

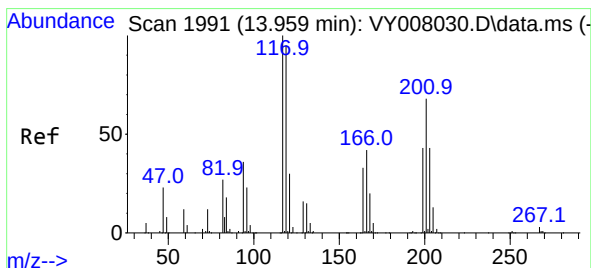
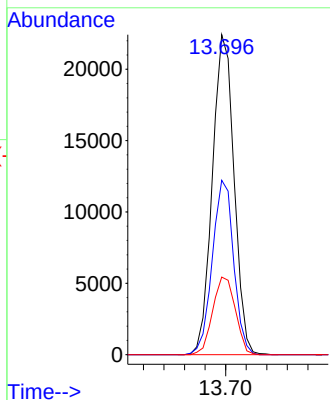
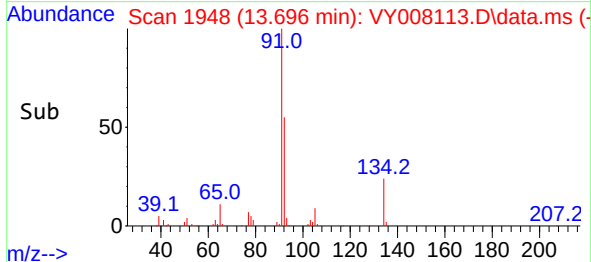
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 91 Resp: 32790
Ion Ratio Lower Upper
91 100
92 53.8 26.3 78.9
134 25.3 13.0 38.9

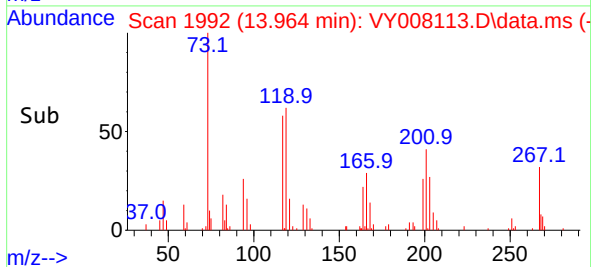
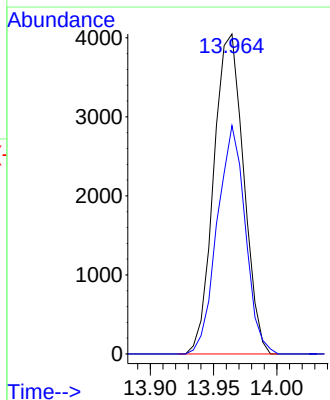
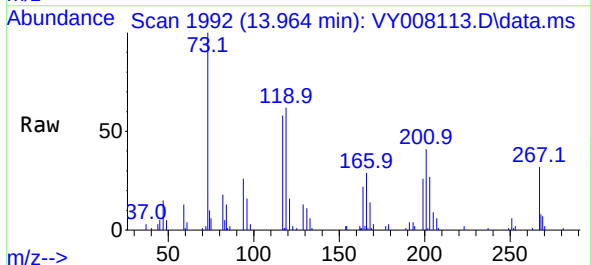
Manual Integrations
APPROVED

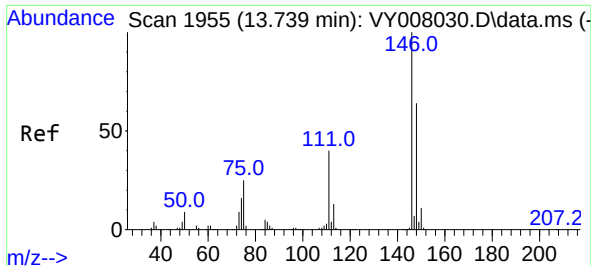
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#90
Hexachloroethane
Concen: 4.395 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. 0.005 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

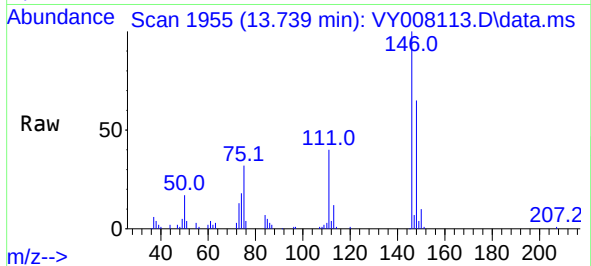
Tgt Ion:117 Resp: 6652
Ion Ratio Lower Upper
117 100
201 67.2 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 4.672 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

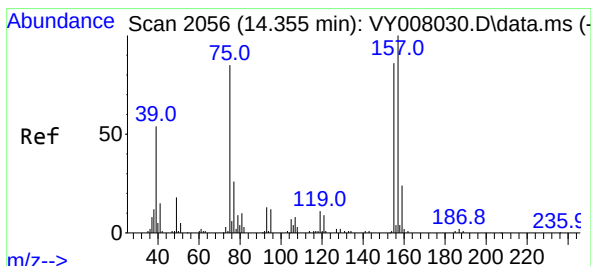
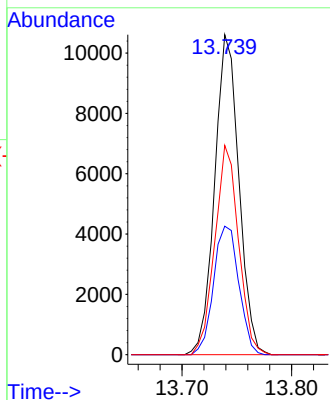
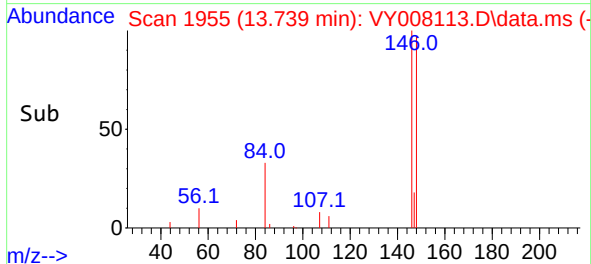
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2022



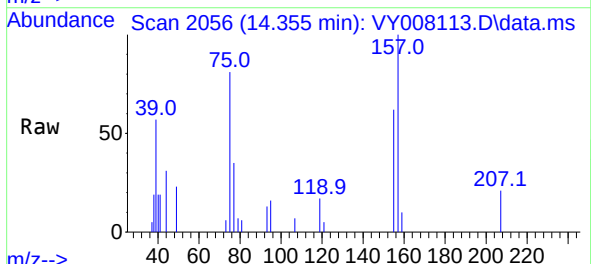
Tgt Ion:146 Resp: 16300
Ion Ratio Lower Upper
146 100
111 42.0 20.3 60.9
148 64.2 32.3 96.9

Manual Integrations
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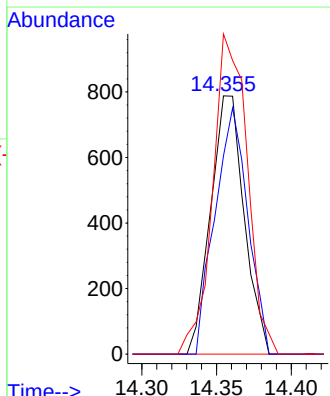
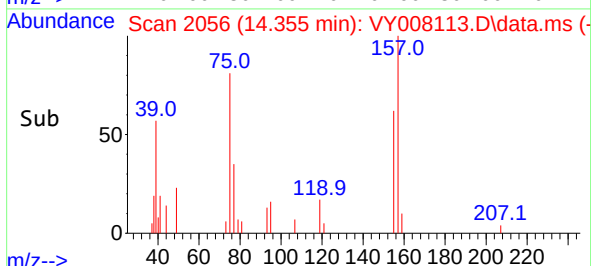
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

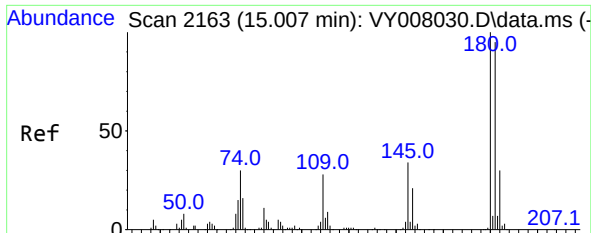


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.543 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



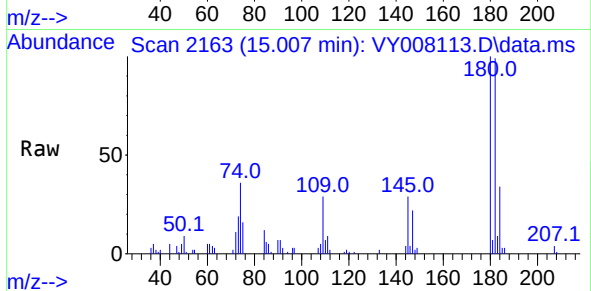
Tgt Ion: 75 Resp: 1228
Ion Ratio Lower Upper
75 100
155 93.4 38.0 113.9
157 127.3 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 4.675 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

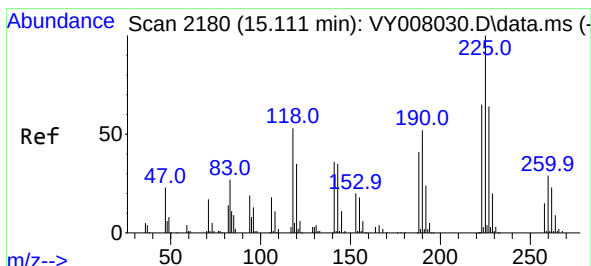
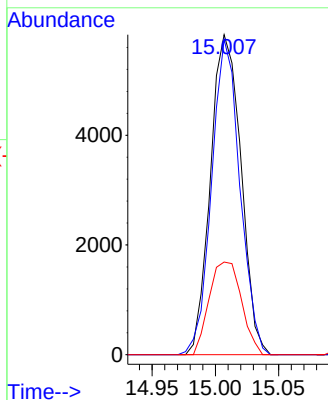
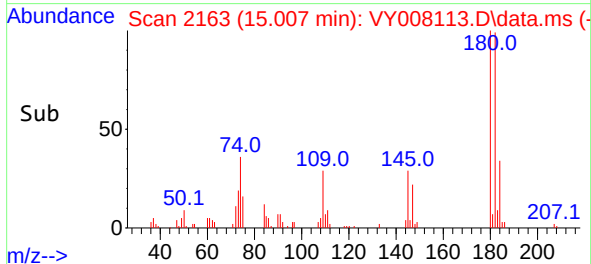
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:180 Resp: 9770
Ion Ratio Lower Upper
180 100
182 91.5 47.3 141.9
145 30.7 14.6 43.8

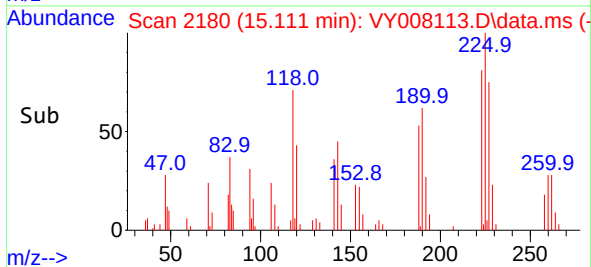
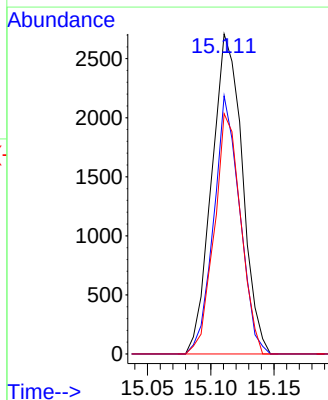
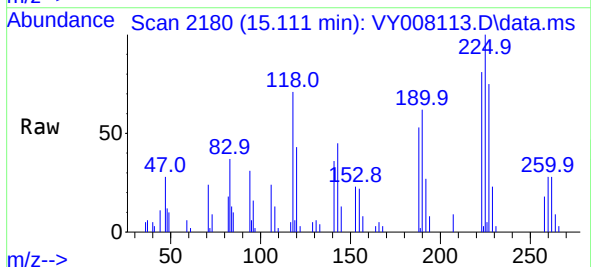
Manual Integrations
APPROVED

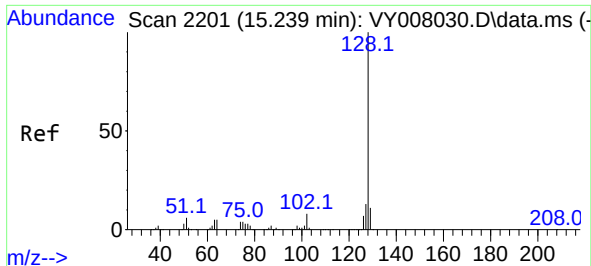
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#94
Hexachlorobutadiene
Concen: 4.110 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

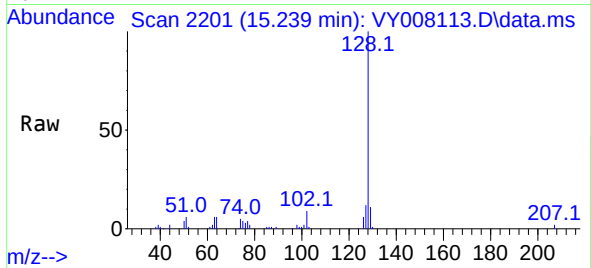
Tgt Ion:225 Resp: 4544
Ion Ratio Lower Upper
225 100
223 68.6 30.8 92.3
227 65.0 31.6 94.7





#95
Naphthalene
Concen: 4.887 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27

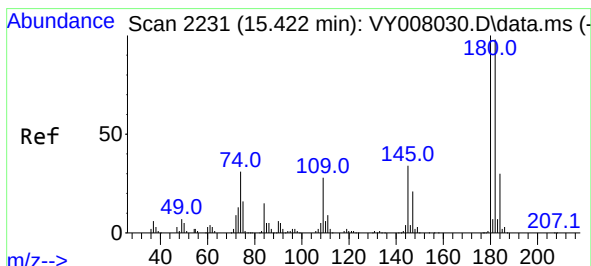
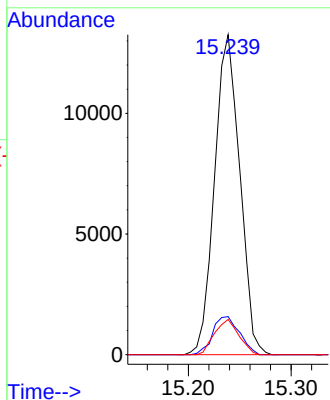
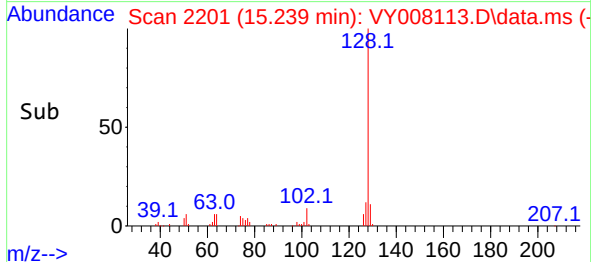
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



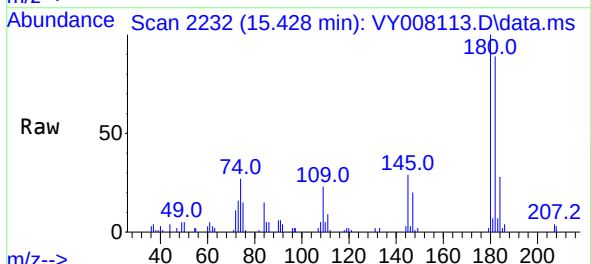
Tgt Ion:128 Resp: 2257
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 10.6 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.870 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008113.D
Acq: 30 Mar 2022 16:27



Tgt Ion:180 Resp: 8805
Ion Ratio Lower Upper
180 100
182 90.6 47.3 141.9
145 31.5 15.3 45.9

