

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062522\
 Data File : VY009320.D
 Acq On : 25 Jun 2022 13:46
 Operator : KP/MD
 Sample : N3214-02 5.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jun 28 00:23:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 00:23:00 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	176487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	290652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	262329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	65862	42.793	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.580%		
35) Dibromofluoromethane	7.710	113	71799	45.766	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.540%		
50) Toluene-d8	10.173	98	222742	39.913	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	79.820%		
62) 4-Bromofluorobenzene	12.477	95	105929	47.410	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	8648	5.936	ug/l	93
3) Chloromethane	2.107	50	10454	6.108	ug/l	93
4) Vinyl Chloride	2.241	62	10936	5.940	ug/l	99
5) Bromomethane	2.638	94	7043	5.935	ug/l #	79
6) Chloroethane	2.784	64	5472	5.871	ug/l	94
7) Trichlorofluoromethane	3.119	101	13297	5.676	ug/l	95
8) Diethyl Ether	3.522	74	5587	6.141	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.881	101	9565	5.711	ug/l	99
10) Methyl Iodide	4.082	142	10140	4.560	ug/l	97
11) Tert butyl alcohol	4.924	59	23716	64.686	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	9151	5.559	ug/l	95
13) Acrolein	3.717	56	4204	25.731	ug/l	96
14) Allyl chloride	4.460	41	16120	5.578	ug/l	97
15) Acrylonitrile	5.155	53	14426	28.790	ug/l	99
16) Acetone	3.936	43	13570	30.075	ug/l	95
17) Carbon Disulfide	4.186	76	28572	5.331	ug/l	96
18) Methyl Acetate	4.473	43	9421	7.500	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	23959	5.181	ug/l	100
20) Methylene Chloride	4.698	84	13989	6.091	ug/l #	92
21) trans-1,2-Dichloroethene	5.210	96	10383	5.346	ug/l	86
22) Diisopropyl ether	6.106	45	31219	5.453	ug/l #	92
23) Vinyl Acetate	6.052	43	90979	24.695	ug/l	98
24) 1,1-Dichloroethane	6.009	63	18130	5.490	ug/l	98
25) 2-Butanone	6.984	43	21157	31.181	ug/l	91
26) 2,2-Dichloropropane	6.978	77	18803	6.139	ug/l	92
27) cis-1,2-Dichloroethene	6.972	96	11283	5.300	ug/l	90
28) Bromochloromethane	7.320	49	7465	5.284	ug/l	92
29) Tetrahydrofuran	7.338	42	12727	29.226	ug/l	98
30) Chloroform	7.496	83	17875	5.365	ug/l	99
31) Cyclohexane	7.783	56	19904	6.237	ug/l #	67
32) 1,1,1-Trichloroethane	7.692	97	16109	5.476	ug/l	97
36) 1,1-Dichloropropene	7.911	75	14527	5.518	ug/l	96
37) Ethyl Acetate	7.070	43	8297	5.549	ug/l #	94
38) Carbon Tetrachloride	7.893	117	14415	5.324	ug/l	96
39) Methylcyclohexane	9.179	83	17513	5.338	ug/l	98
40) Benzene	8.155	78	42014	5.422	ug/l	99

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	4498m	5.587	ug/l	
42) 1,2-Dichloroethane	8.228	62	11874	5.443	ug/l	97
43) Isopropyl Acetate	8.265	43	15319	5.545	ug/l #	92
44) Trichloroethene	8.935	130	11791	5.442	ug/l	90
45) 1,2-Dichloropropane	9.210	63	10185	5.356	ug/l	98
46) Dibromomethane	9.295	93	6172	5.597	ug/l	96
47) Bromodichloromethane	9.490	83	13481	5.257	ug/l	96
48) Methyl methacrylate	9.289	41	6396	5.210	ug/l	98
49) 1,4-Dioxane	9.295	88	1716	114.456	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	39945	28.619	ug/l	97
52) Toluene	10.240	92	26198	5.458	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	14214	5.237	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	15920	5.149	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	8030	5.290	ug/l	90
56) Ethyl methacrylate	10.508	69	9982	4.974	ug/l	89
57) 1,3-Dichloropropane	10.789	76	13690	5.309	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.777	63	26321	25.364	ug/l	99
59) 2-Hexanone	10.831	43	26579	27.377	ug/l	95
60) Dibromochloromethane	10.978	129	9557	5.197	ug/l	96
61) 1,2-Dibromoethane	11.087	107	7932	5.331	ug/l	100
64) Tetrachloroethene	10.715	164	13309	5.833	ug/l	98
65) Chlorobenzene	11.514	112	28594	5.493	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	10037	5.381	ug/l	97
67) Ethyl Benzene	11.587	91	49602	5.397	ug/l	97
68) m/p-Xylenes	11.697	106	38126	10.559	ug/l	99
69) o-Xylene	12.026	106	17655	5.211	ug/l	98
70) Styrene	12.038	104	28480	5.063	ug/l	99
71) Bromoform	12.209	173	5953	5.171	ug/l #	95
73) Isopropylbenzene	12.325	105	46114	5.217	ug/l	100
74) N-amyl acetate	12.142	43	12506	5.267	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	9368	5.623	ug/l	96
76) 1,2,3-Trichloropropane	12.624	75	7092m	5.701	ug/l	
77) Bromobenzene	12.605	156	11382	5.261	ug/l	93
78) n-propylbenzene	12.666	91	58784	5.393	ug/l	99
79) 2-Chlorotoluene	12.752	91	32291	5.332	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	38770	5.207	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	3367	5.358	ug/l	96
82) 4-Chlorotoluene	12.849	91	34991	5.545	ug/l	98
83) tert-Butylbenzene	13.075	119	33468	5.141	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	36849	5.020	ug/l	99
85) sec-Butylbenzene	13.252	105	51036	5.285	ug/l	98
86) p-Isopropyltoluene	13.367	119	40694	5.094	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	23389	5.612	ug/l	98
88) 1,4-Dichlorobenzene	13.441	146	23264	5.532	ug/l	91
89) n-Butylbenzene	13.697	91	39590	5.284	ug/l	99
90) Hexachloroethane	13.959	117	8317	5.501	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	20132	5.382	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	1498	5.204	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	11392	5.062	ug/l	97
94) Hexachlorobutadiene	15.111	225	6760	5.437	ug/l	99
95) Naphthalene	15.233	128	21637	4.802	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	10072	5.166	ug/l	97

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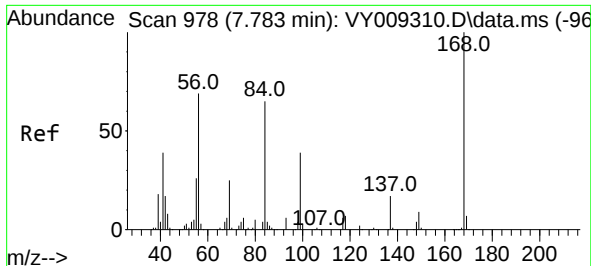
Manual Integrations
APPROVED

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Quant Time: Jun 28 00:23:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

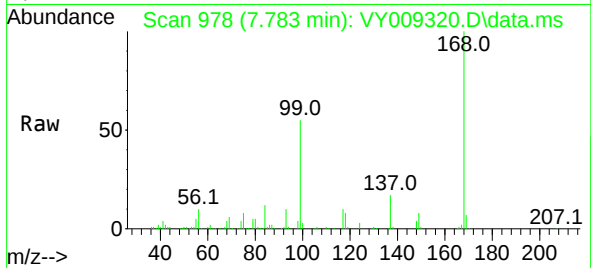
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

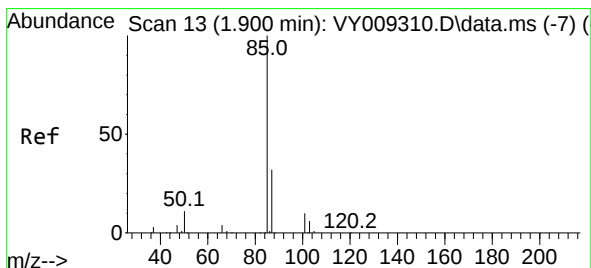
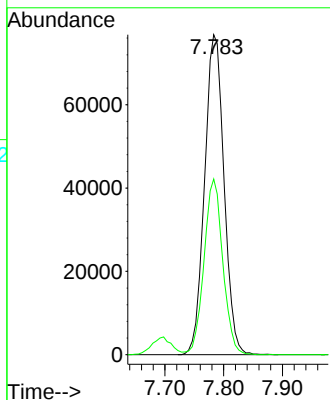
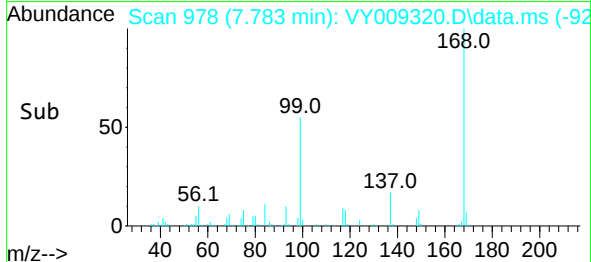
Instrument :
MSVOA_Y
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LOQ-SOIL-02-QT2-2022



Tgt Ion:168 Resp: 17648
Ion Ratio Lower Upper
168 100
99 54.9 42.1 63.1

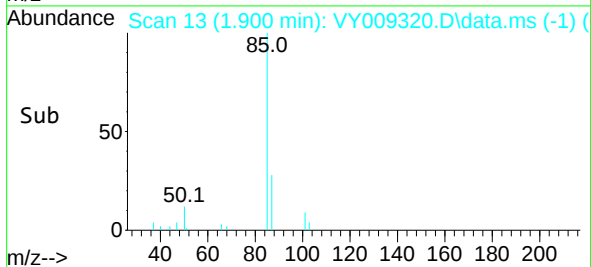
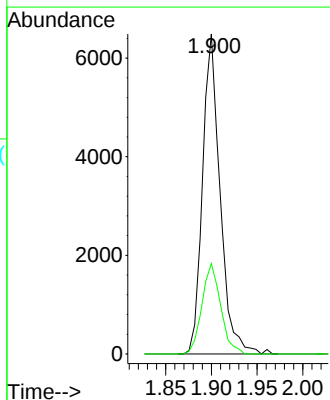
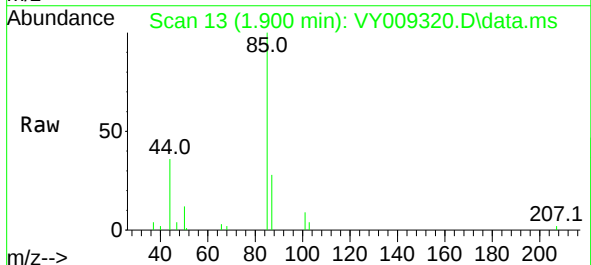
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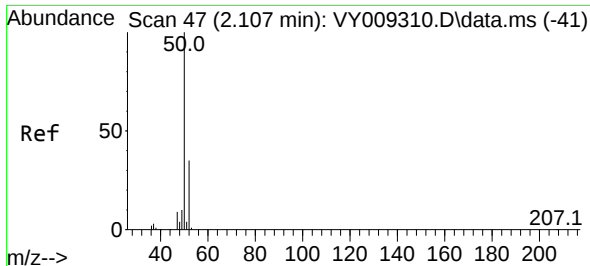
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Supervised By :Mahesh Dadoda 06/30/2022



#2
Dichlorodifluoromethane
Concen: 5.936 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

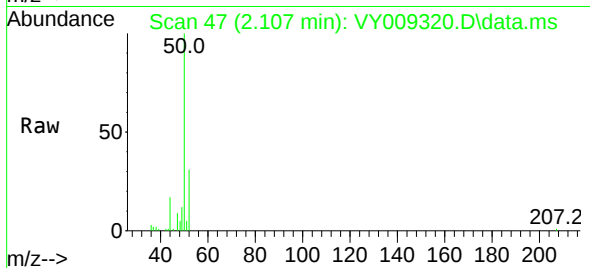
Tgt Ion: 85 Resp: 8648
Ion Ratio Lower Upper
85 100
87 28.2 16.2 48.5





#3
Chloromethane
Concen: 6.108 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

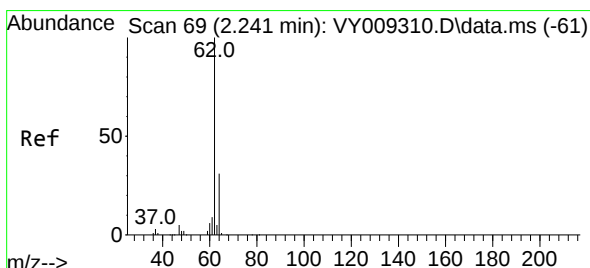
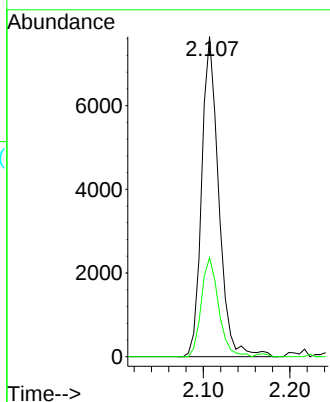
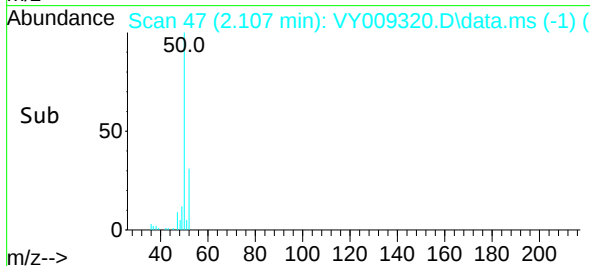
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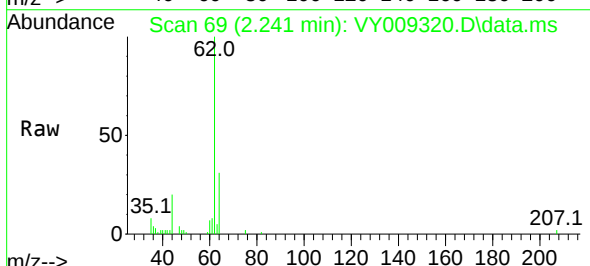
Tgt Ion: 50 Resp: 10454
Ion Ratio Lower Upper
50 100
52 30.9 27.9 41.9

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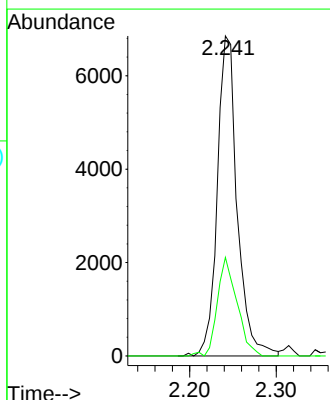
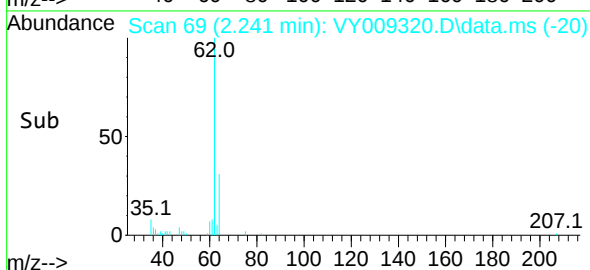
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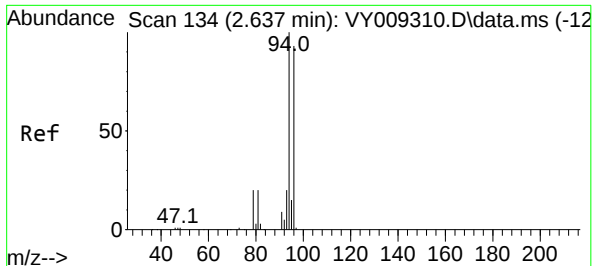


#4
Vinyl Chloride
Concen: 5.940 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



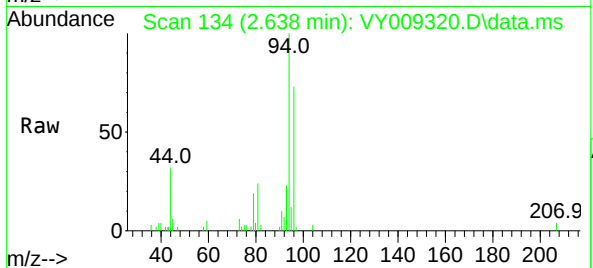
Tgt Ion: 62 Resp: 10936
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.4





#5
Bromomethane
Concen: 5.935 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

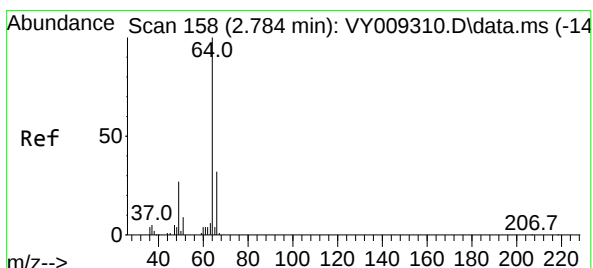
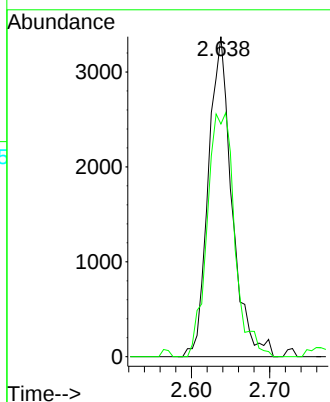
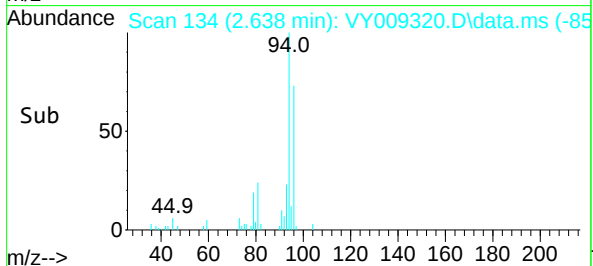
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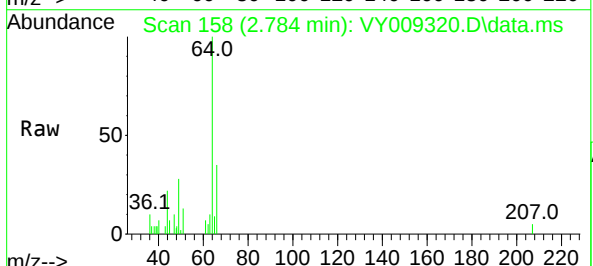
Tgt Ion: 94 Resp: 704
Ion Ratio Lower Upper
94 100
96 72.7 74.6 111.8

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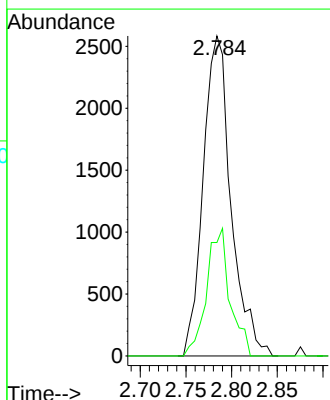
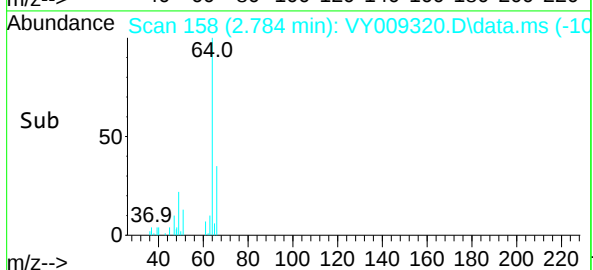
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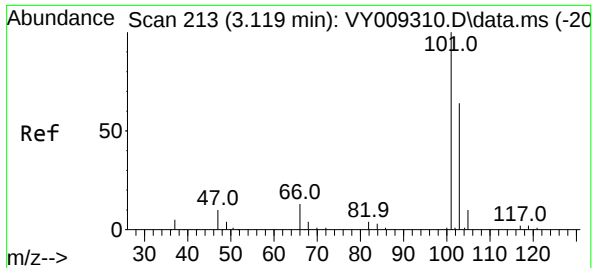


#6
Chloroethane
Concen: 5.871 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY009320.D
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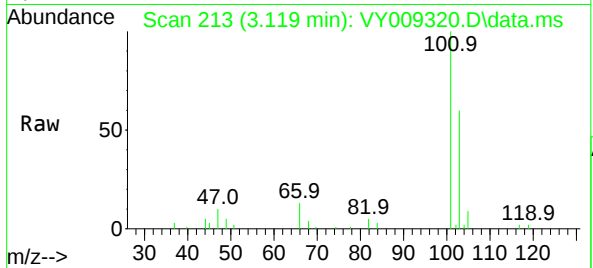
Tgt Ion: 64 Resp: 5472
Ion Ratio Lower Upper
64 100
66 35.4 25.8 38.8





#7
Trichlorofluoromethane
Concen: 5.676 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

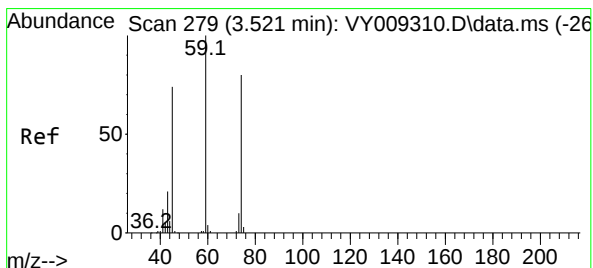
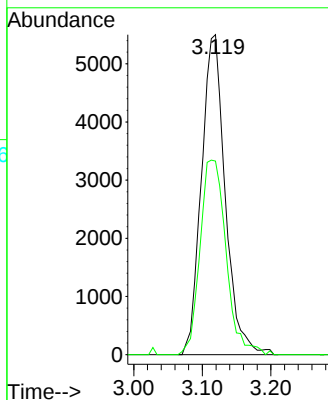
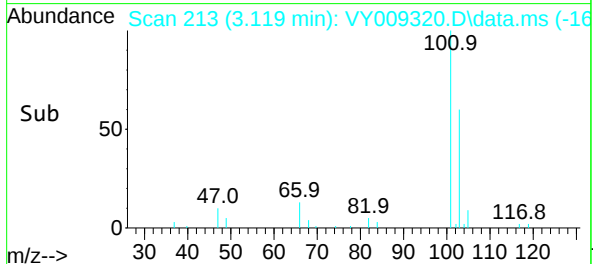
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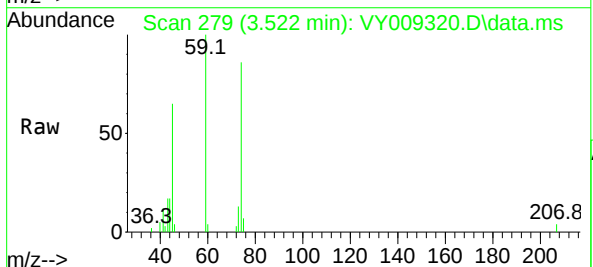
Tgt Ion:101 Resp: 1329
Ion Ratio Lower Upper
101 100
103 60.5 51.4 77.2

Manual Integrations
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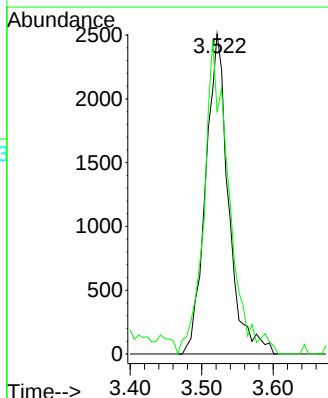
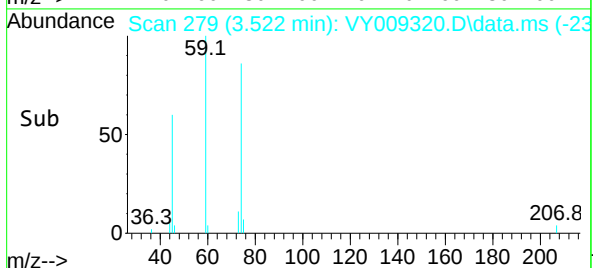
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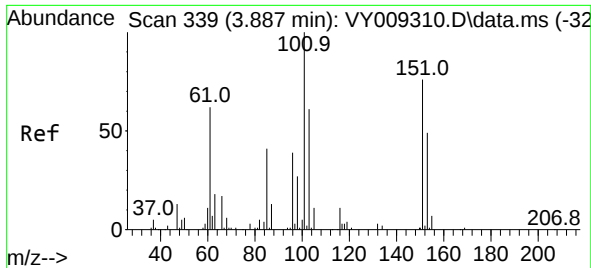


#8
Diethyl Ether
Concen: 6.141 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



Tgt Ion: 74 Resp: 5587
Ion Ratio Lower Upper
74 100
45 104.6 49.1 147.4





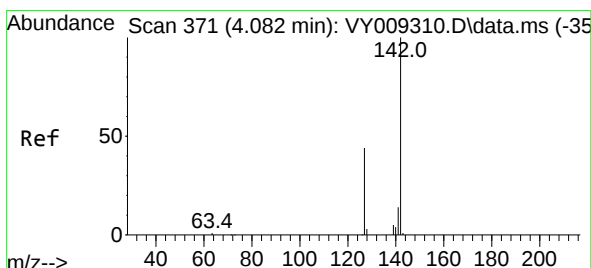
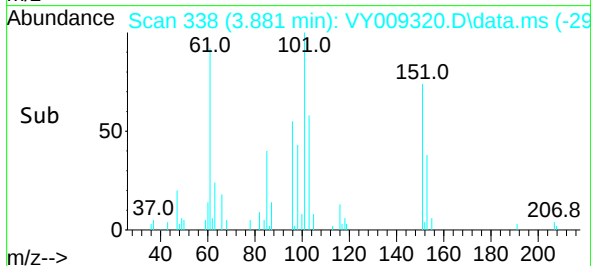
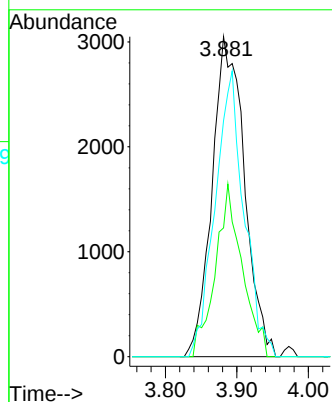
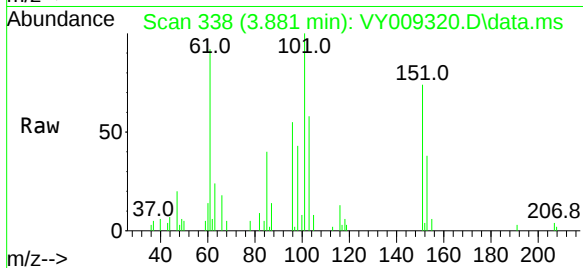
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.711 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Tgt Ion:101 Resp: 956
Ion Ratio Lower Upper
101 100
85 44.7 36.2 54.2
151 80.1 63.6 95.4

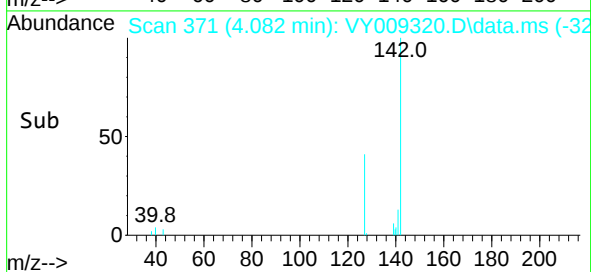
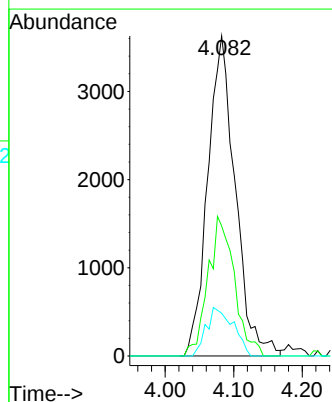
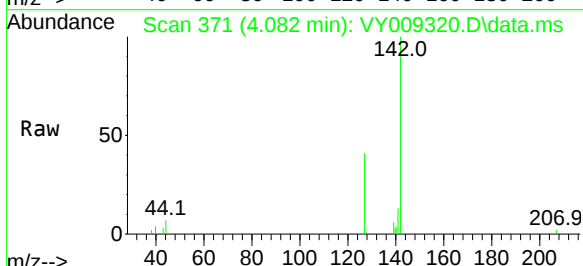
Manual Integrations
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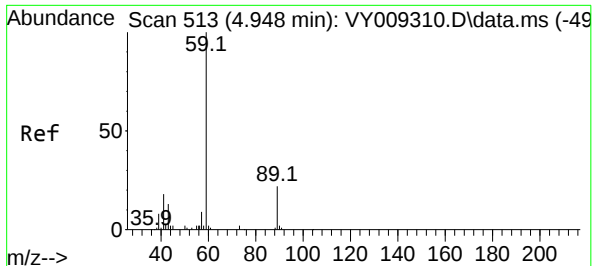
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#10
Methyl Iodide
Concen: 4.560 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Tgt Ion:142 Resp: 10140
Ion Ratio Lower Upper
142 100
127 41.7 35.2 52.8
141 14.8 11.4 17.2





#11

Tert butyl alcohol

Concen: 64.686 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.024 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 59 Resp: 23710

Ion Ratio Lower Upper

59 100

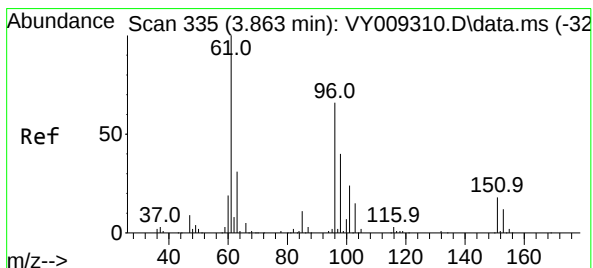
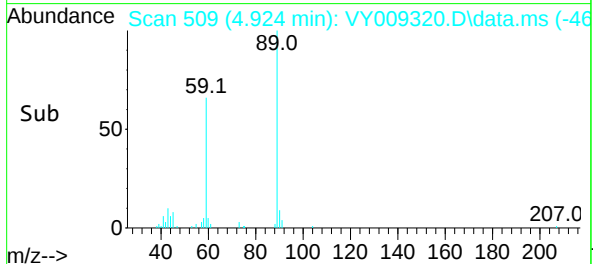
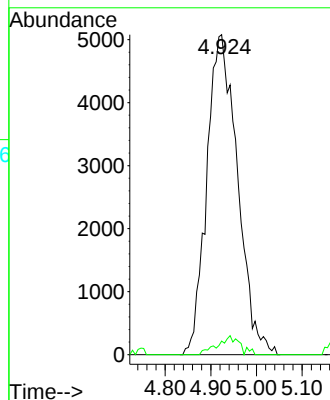
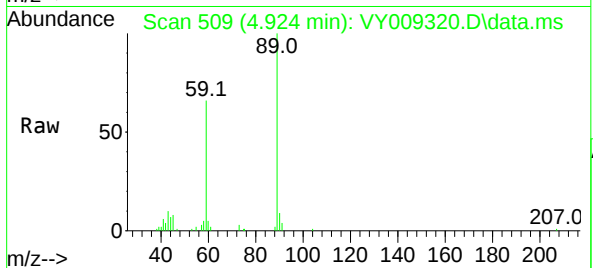
57 3.9 6.3 9.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/30/2022

Supervised By :Mahesh Dadoda 06/30/2022



#12

1,1-Dichloroethene

Concen: 5.559 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

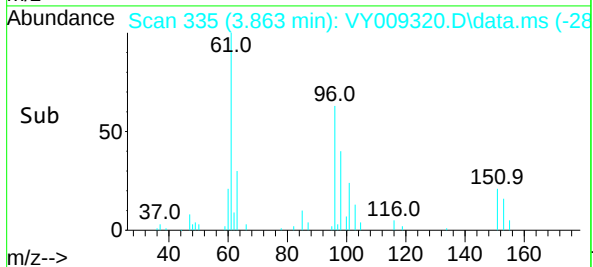
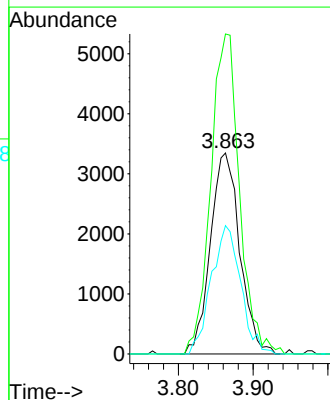
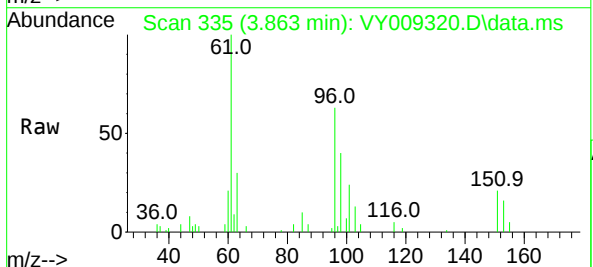
Tgt Ion: 96 Resp: 9151

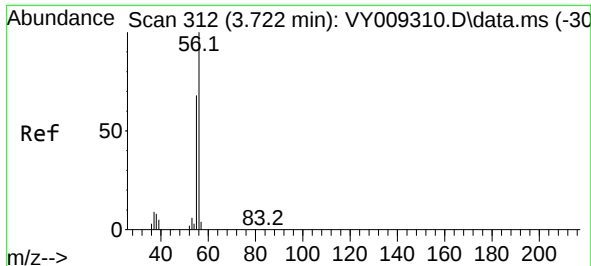
Ion Ratio Lower Upper

96 100

61 159.2 121.9 182.9

98 63.8 48.2 72.4





#13

Acrolein

Concen: 25.731 ug/l

RT: 3.717 min Scan# 311

Delta R.T. -0.006 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

Instrument :

MSVOA_Y

ClientSampleId :

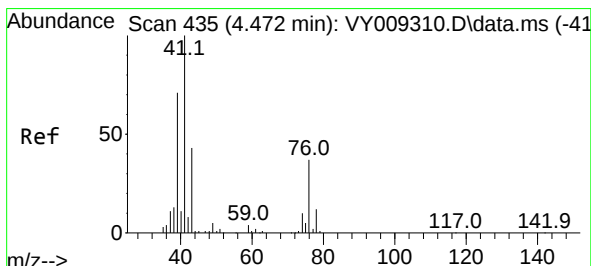
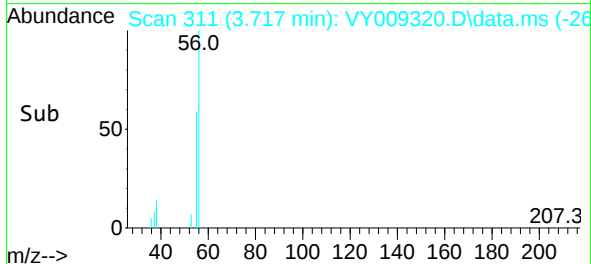
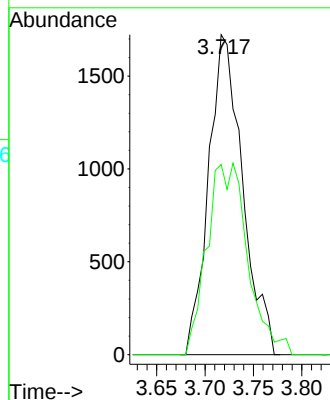
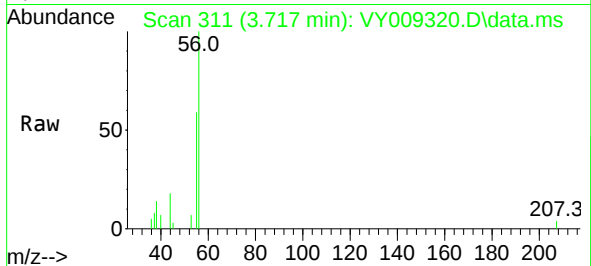
LOQ-SOIL-02-QT2-2022

Tgt Ion: 56	Resp: 4204
Ion Ratio	Lower Upper
56 100	
55 71.7	54.8 82.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#14

Allyl chloride

Concen: 5.578 ug/l

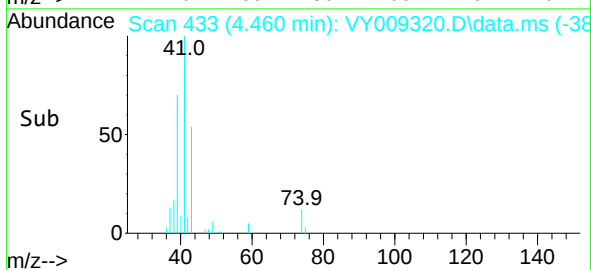
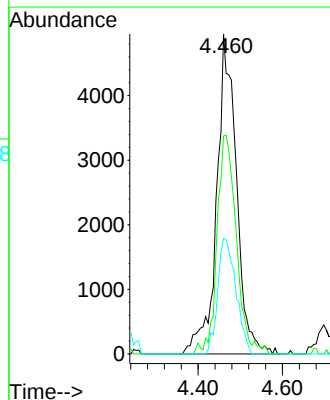
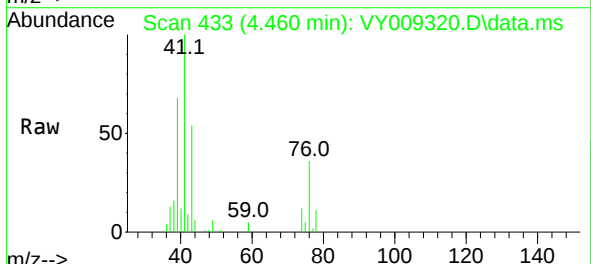
RT: 4.460 min Scan# 433

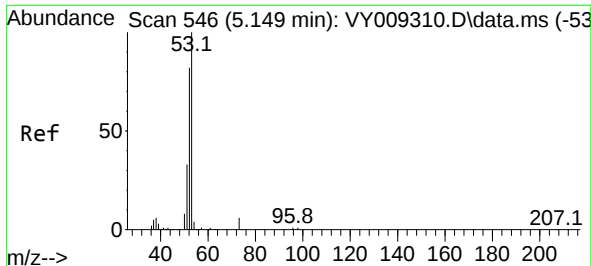
Delta R.T. -0.012 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

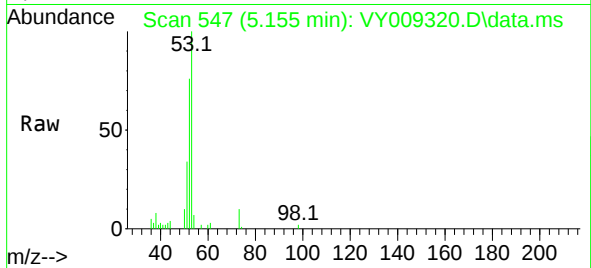
Tgt Ion: 41	Resp: 16120
Ion Ratio	Lower Upper
41 100	
39 65.6	53.5 80.3
76 33.2	29.4 44.0





#15
Acrylonitrile
Concen: 28.790 ug/l
RT: 5.155 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

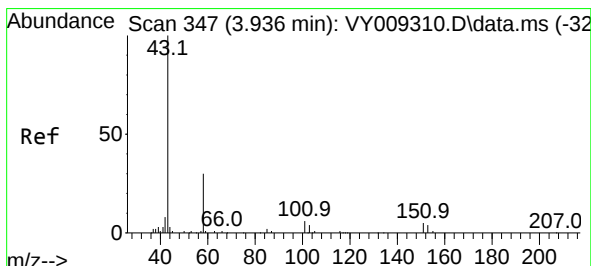
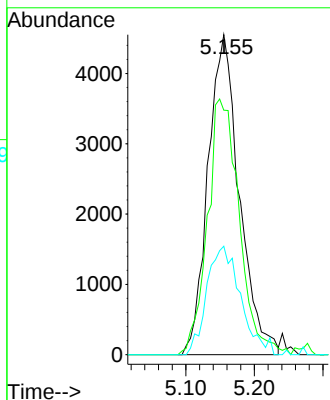
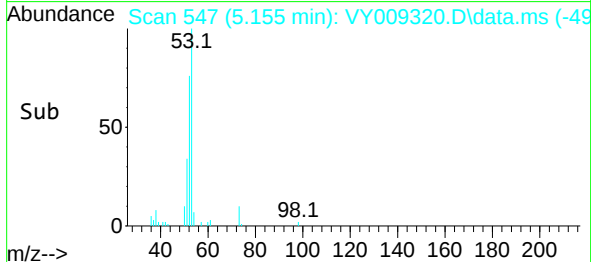
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



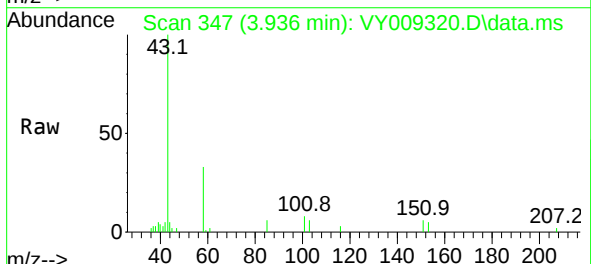
Tgt Ion: 53 Resp: 14420
Ion Ratio Lower Upper
53 100
52 81.2 65.4 98.2
51 36.5 28.4 42.6

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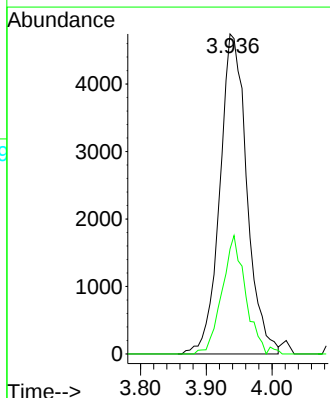
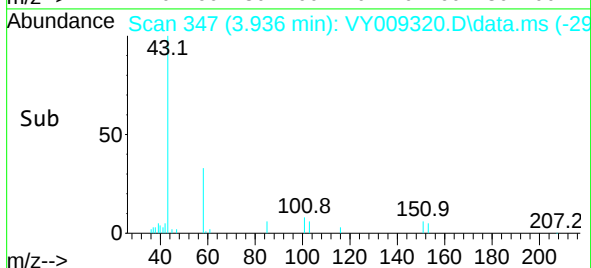
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

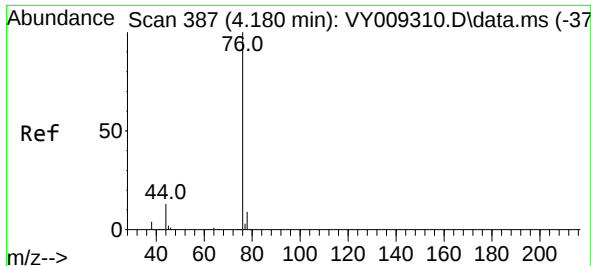


#16
Acetone
Concen: 30.075 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



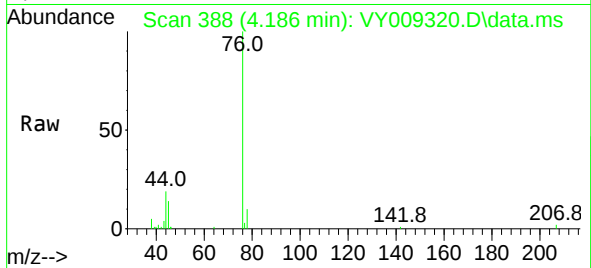
Tgt Ion: 43 Resp: 13570
Ion Ratio Lower Upper
43 100
58 32.8 24.0 36.0





#17
Carbon Disulfide
Concen: 5.331 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

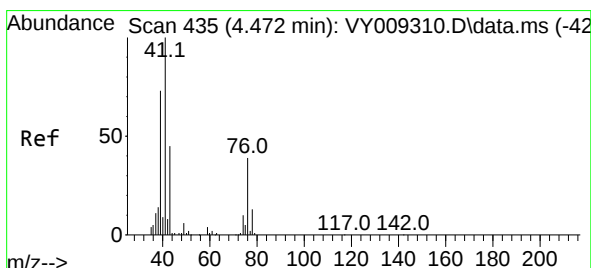
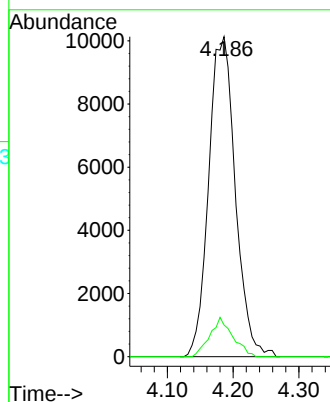
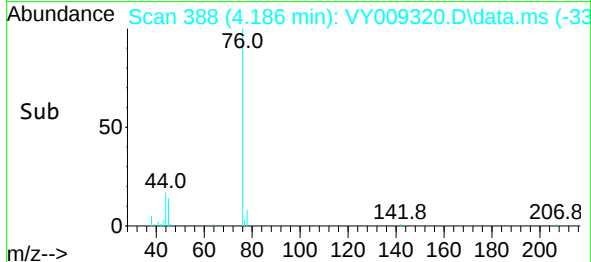
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 76 Resp: 28572
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2

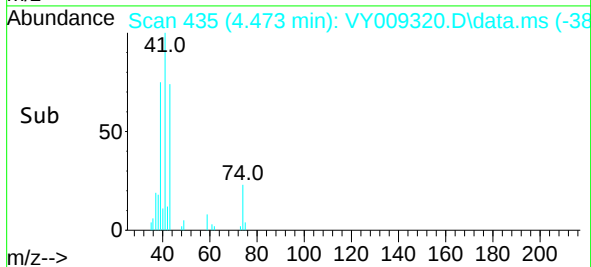
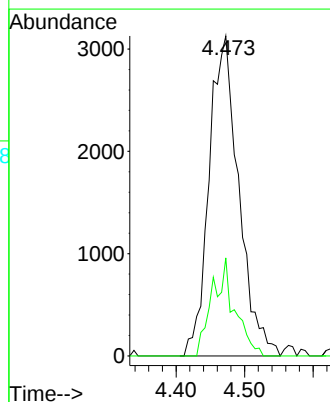
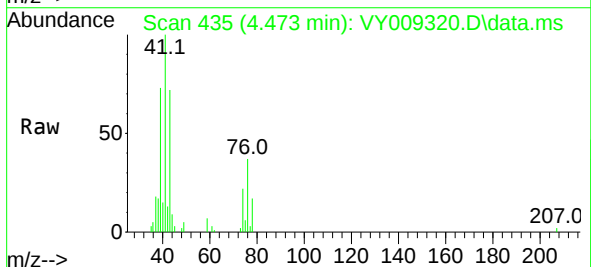
Manual Integrations
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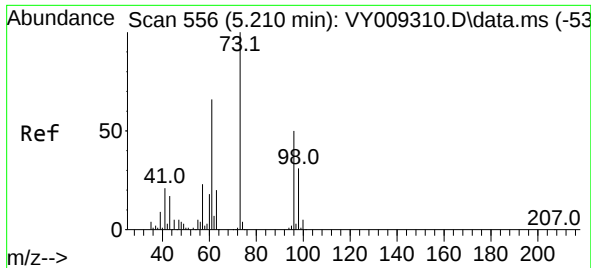
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#18
Methyl Acetate
Concen: 7.500 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

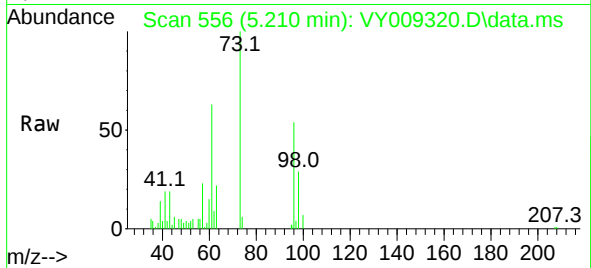
Tgt Ion: 43 Resp: 9421
Ion Ratio Lower Upper
43 100
74 23.3 18.8 28.2





#19
Methyl tert-butyl Ether
Concen: 5.181 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

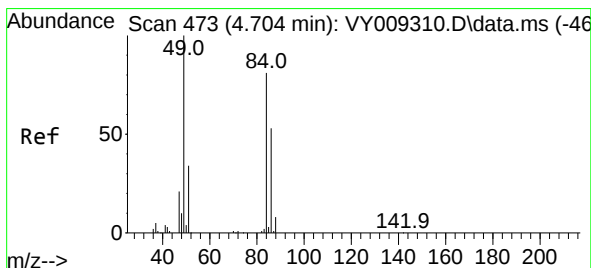
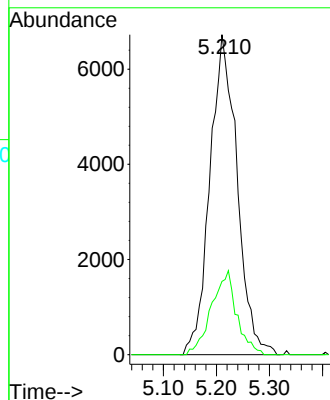
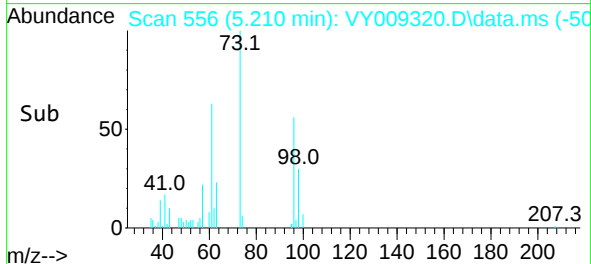
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 73 Resp: 2395
Ion Ratio Lower Upper
73 100
57 22.9 18.5 27.7

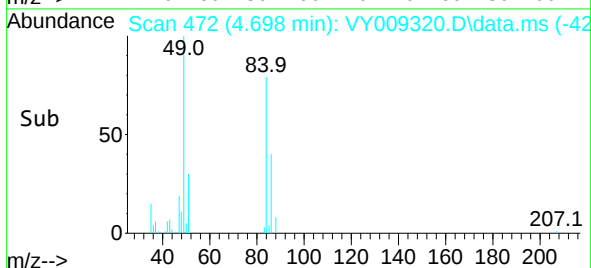
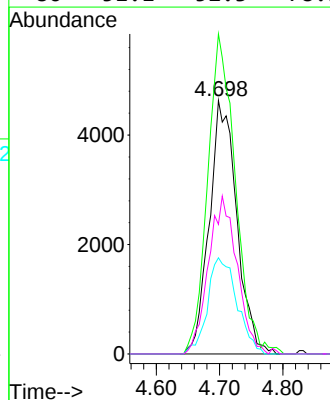
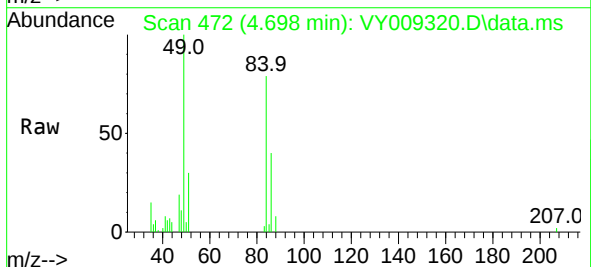
Manual Integrations
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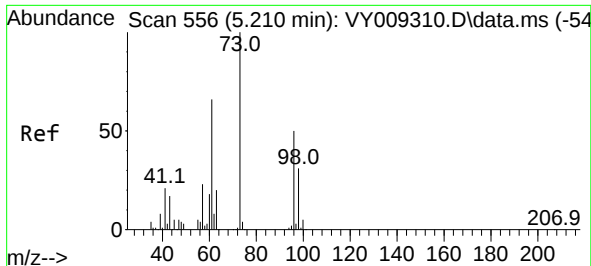
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 6.091 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

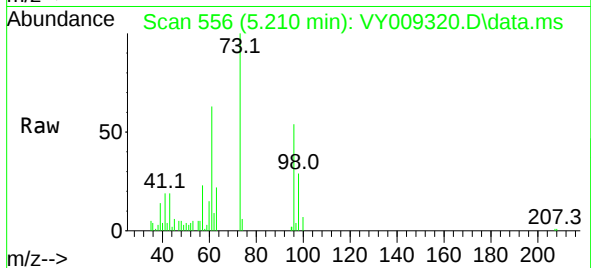
Tgt Ion: 84 Resp: 13989
Ion Ratio Lower Upper
84 100
49 126.3 98.2 147.4
51 38.0 33.4 50.0
86 51.1 52.3 78.5#





#21
trans-1,2-Dichloroethene
Concen: 5.346 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

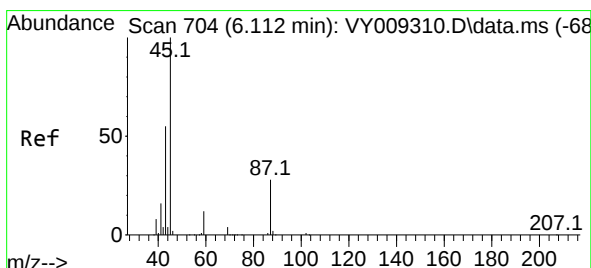
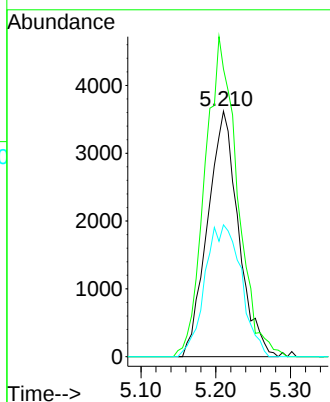
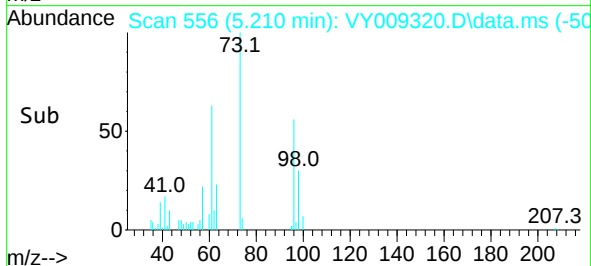
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 96 Resp: 1038
Ion Ratio Lower Upper
96 100
61 114.7 105.8 158.6
98 53.7 49.7 74.5

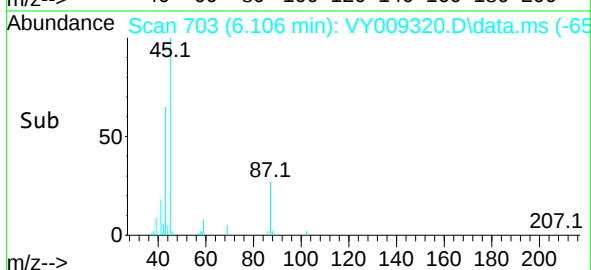
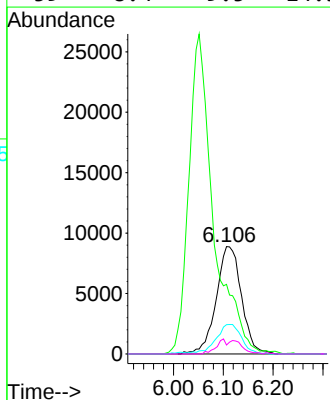
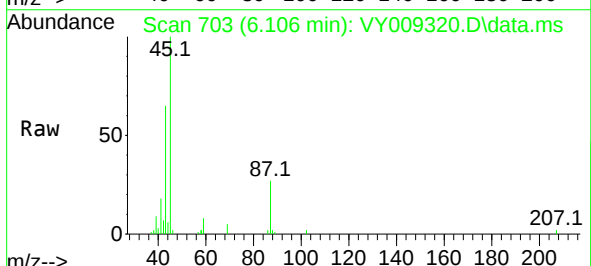
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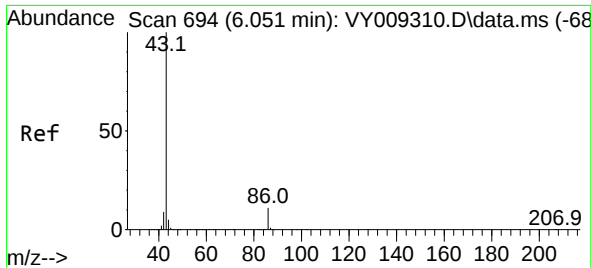
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#22
Diisopropyl ether
Concen: 5.453 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

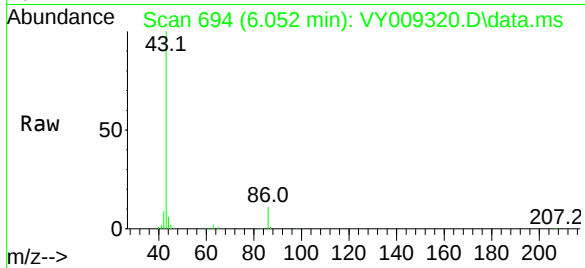
Tgt Ion: 45 Resp: 31219
Ion Ratio Lower Upper
45 100
43 63.3 43.7 65.5
87 27.3 22.2 33.4
59 8.4 9.5 14.3#





#23
 Vinyl Acetate
 Concen: 24.695 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009320.D
 Acq: 25 Jun 2022 13:46

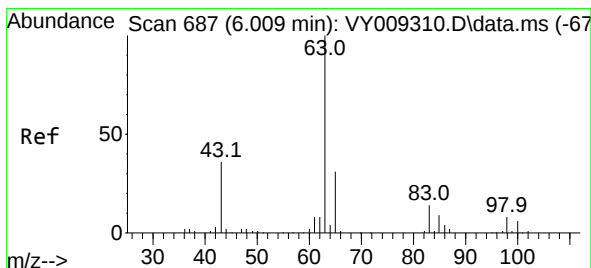
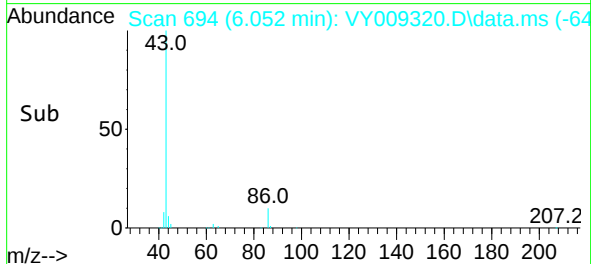
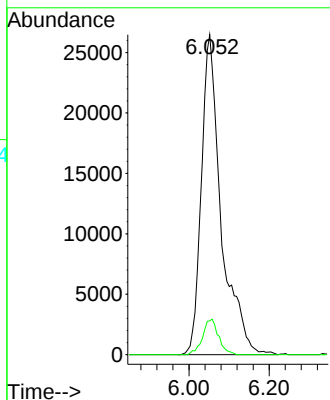
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



Tgt Ion: 43 Resp: 90979
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.0 13.6

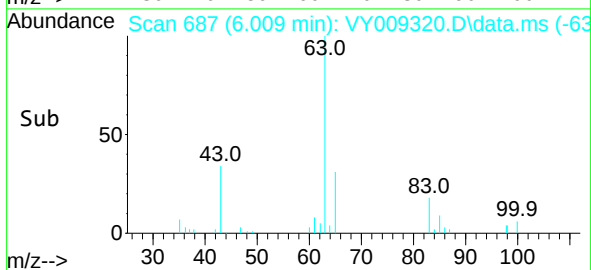
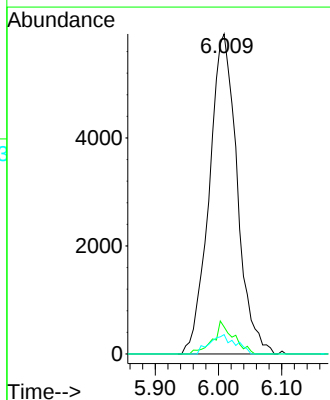
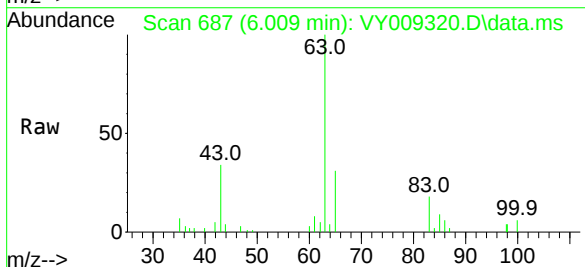
Manual Integrations
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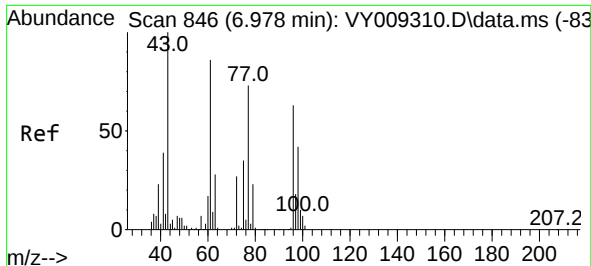
Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#24
 1,1-Dichloroethane
 Concen: 5.490 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY009320.D
 Acq: 25 Jun 2022 13:46

Tgt Ion: 63 Resp: 18130
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.7
 100 6.1 2.8 8.3





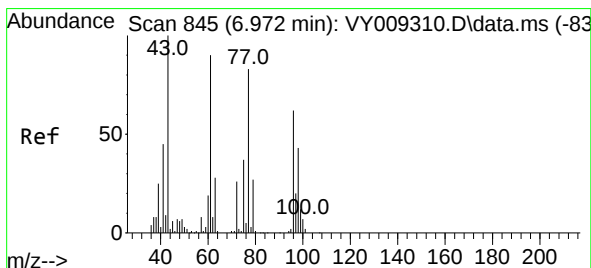
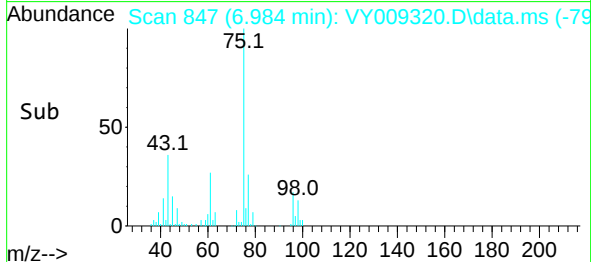
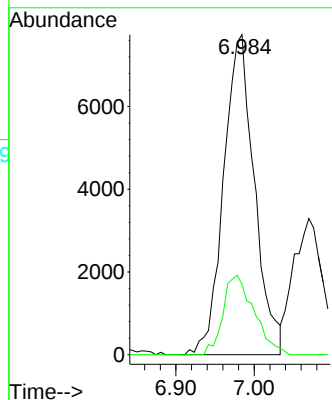
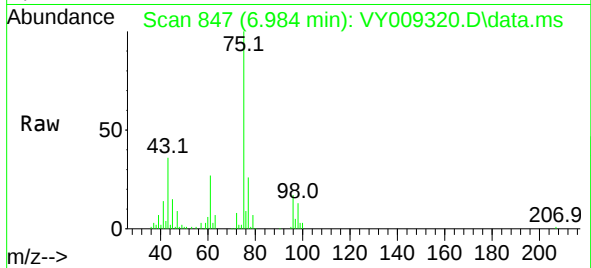
#25
2-Butanone
Concen: 31.181 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Tgt Ion: 43 Resp: 2115
Ion Ratio Lower Upper
43 100
72 22.1 21.5 32.3

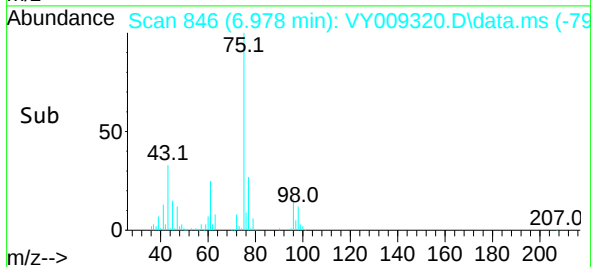
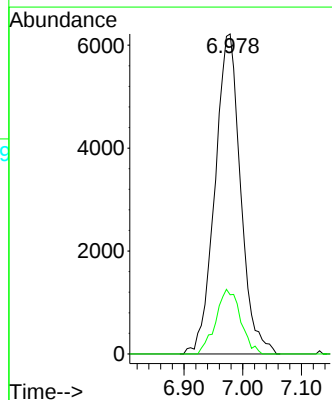
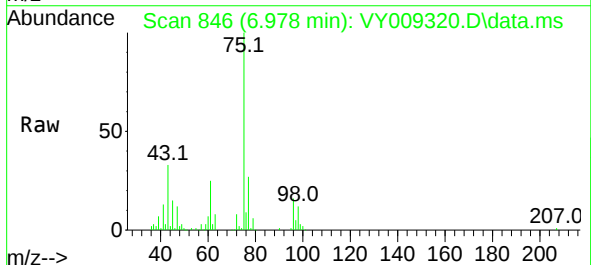
Manual Integrations
APPROVED

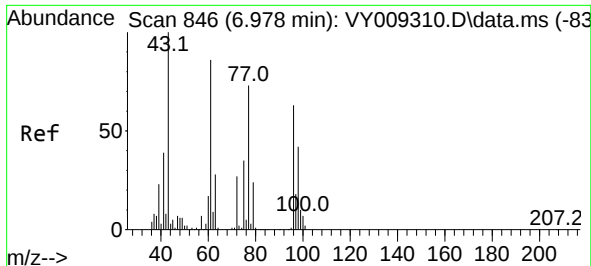
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#26
2,2-Dichloropropane
Concen: 6.139 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Tgt Ion: 77 Resp: 18803
Ion Ratio Lower Upper
77 100
97 19.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 5.300 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009320.D

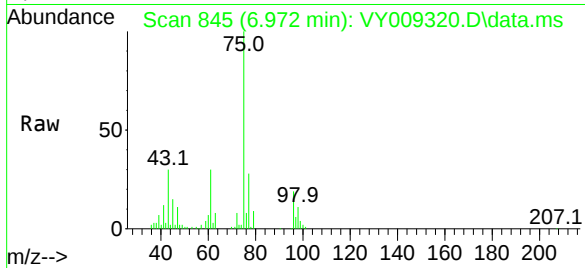
Acq: 25 Jun 2022 13:46

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022

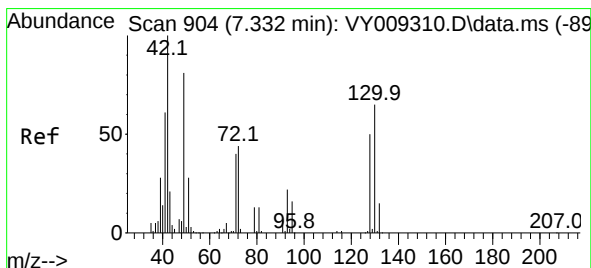
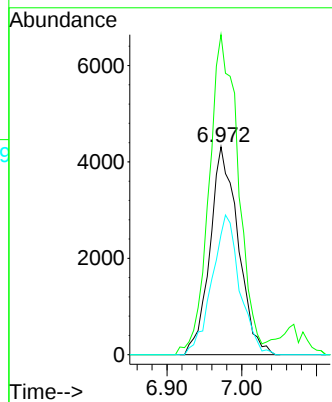
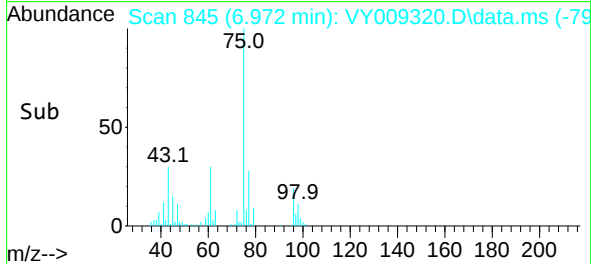


Tgt Ion:	96	Resp:	1128
Ion Ratio	Lower	Upper	
96	100		
61	161.0	0.0	285.6
98	66.3	0.0	131.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#28

Bromochloromethane

Concen: 5.284 ug/l

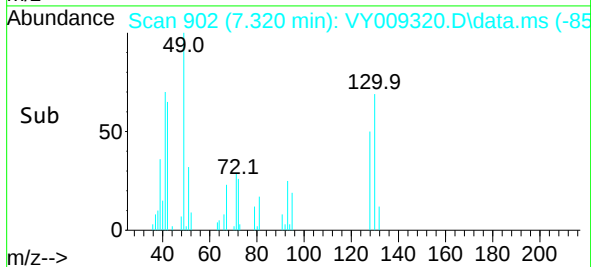
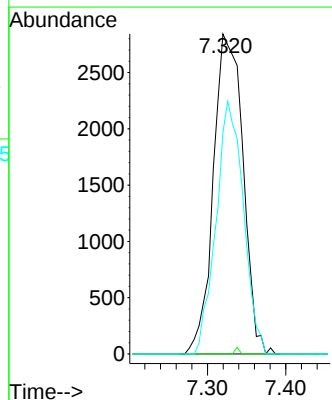
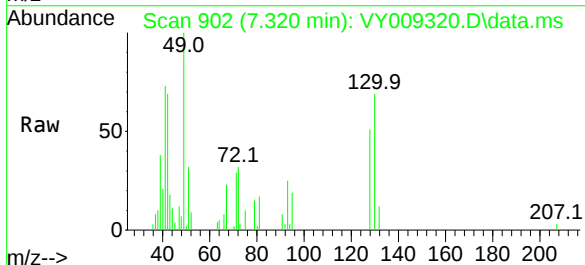
RT: 7.320 min Scan# 902

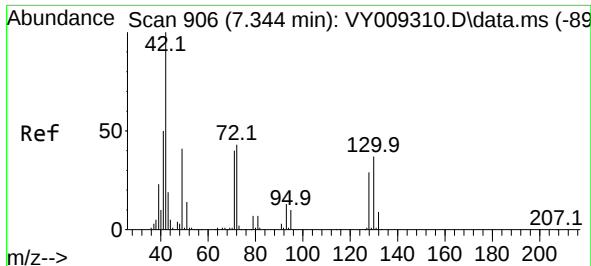
Delta R.T. -0.012 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

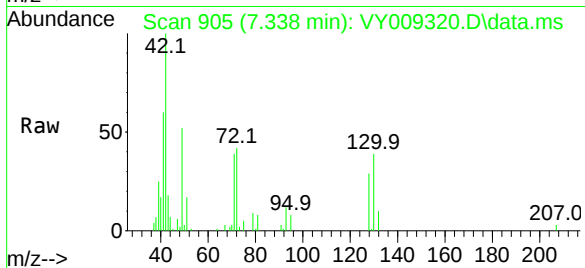
Tgt Ion:	49	Resp:	7465
Ion Ratio	Lower	Upper	
49	100		
129	0.3	0.0	4.6
130	72.9	64.1	96.1





#29
Tetrahydrofuran
Concen: 29.226 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

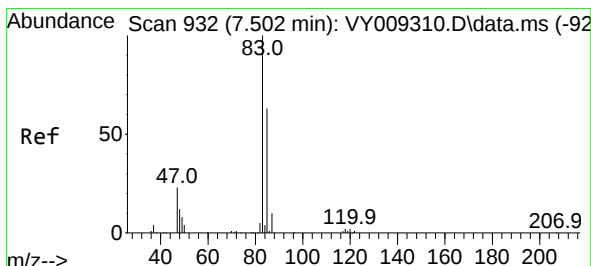
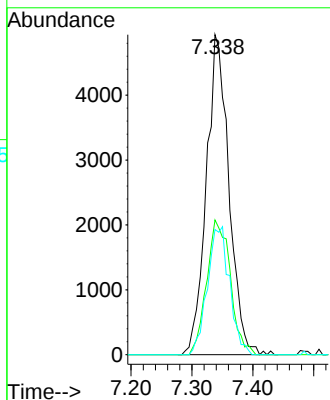
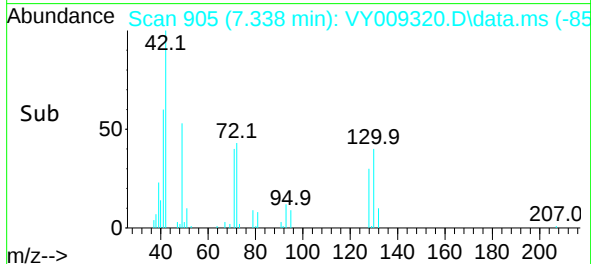
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 42 Resp: 1272
Ion Ratio Lower Upper
42 100
72 43.9 34.6 52.0
71 39.2 32.7 49.1

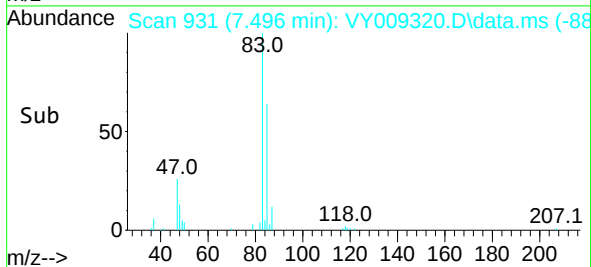
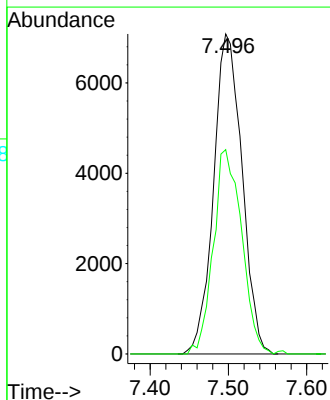
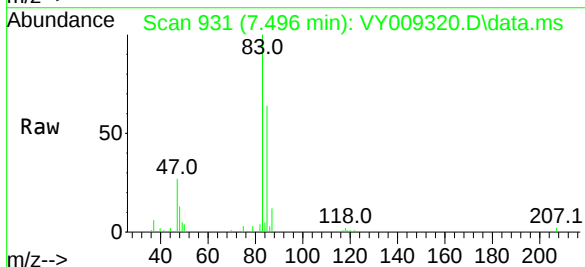
Manual Integrations
APPROVED

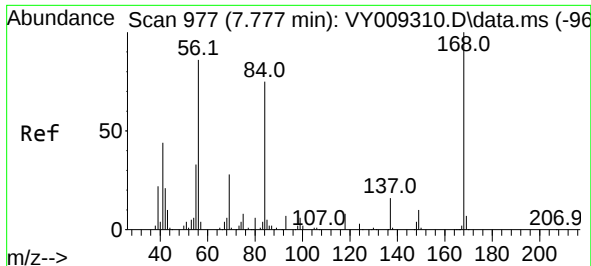
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#30
Chloroform
Concen: 5.365 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

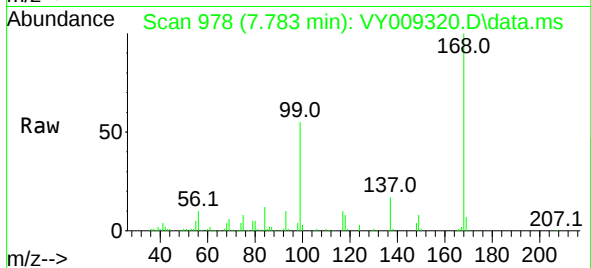
Tgt Ion: 83 Resp: 17875
Ion Ratio Lower Upper
83 100
85 63.9 50.5 75.7





#31
Cyclohexane
Concen: 6.237 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

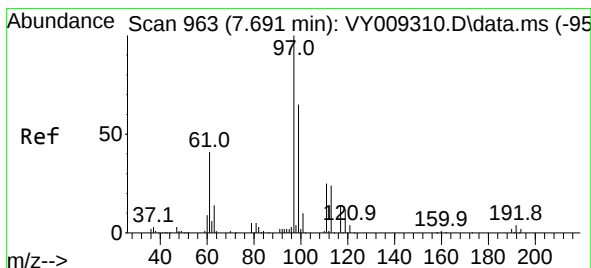
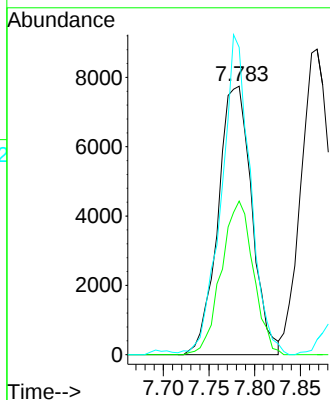
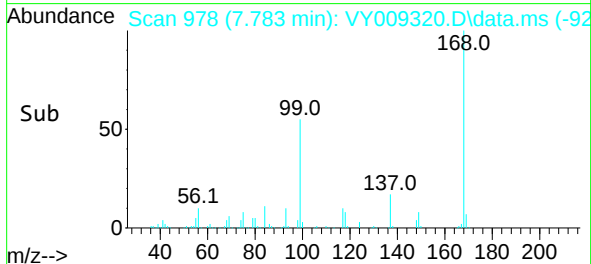
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



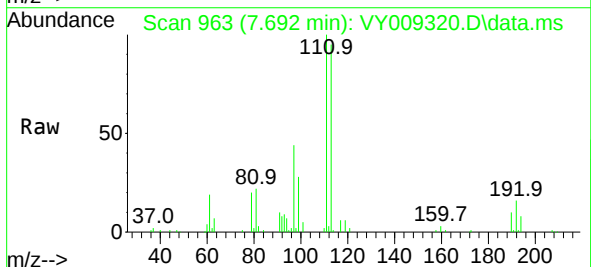
Tgt Ion: 56 Resp: 19904
Ion Ratio Lower Upper
56 100
69 57.2 26.0 39.0
84 113.8 69.5 104.3

Manual Integrations
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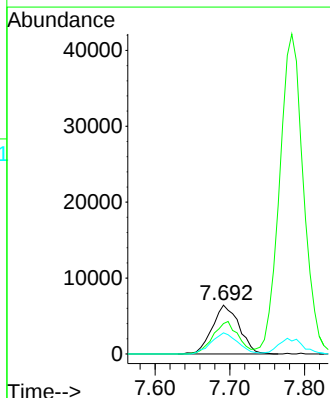
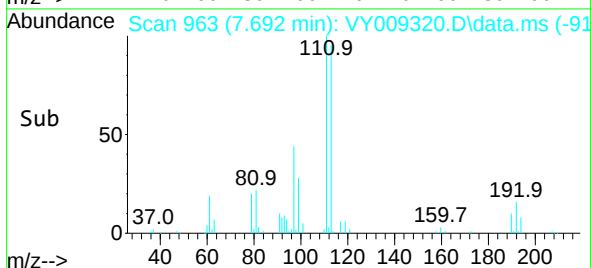
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

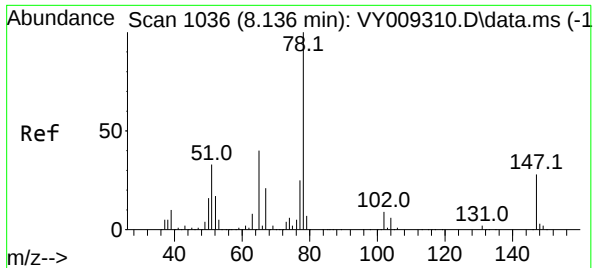


#32
1,1,1-Trichloroethane
Concen: 5.476 ug/l
RT: 7.692 min Scan# 963
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



Tgt Ion: 97 Resp: 16109
Ion Ratio Lower Upper
97 100
99 61.3 51.8 77.8
61 42.4 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 42.793 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 65 Resp: 65862

Ion Ratio Lower Upper

65 100

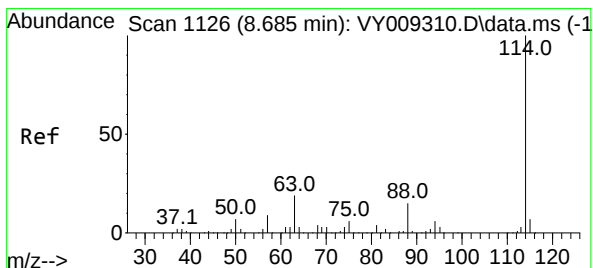
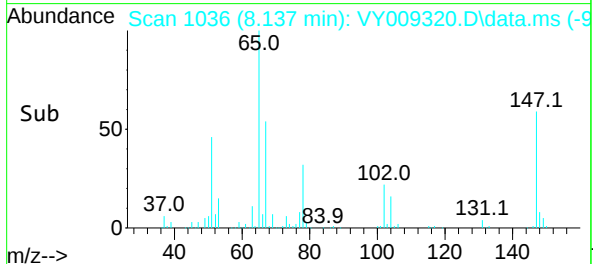
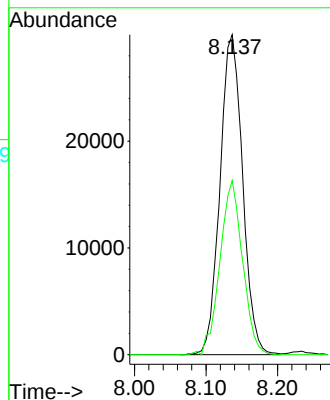
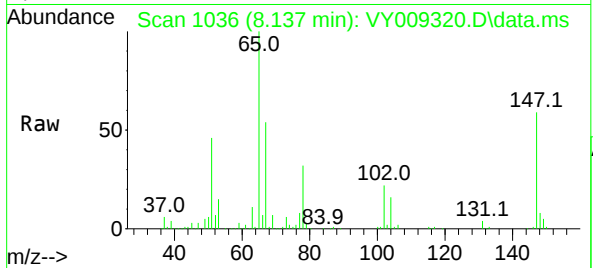
67 54.4 0.0 108.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022

Supervised By :Mahesh Dadoda 06/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

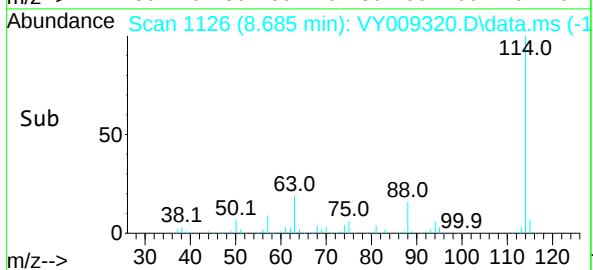
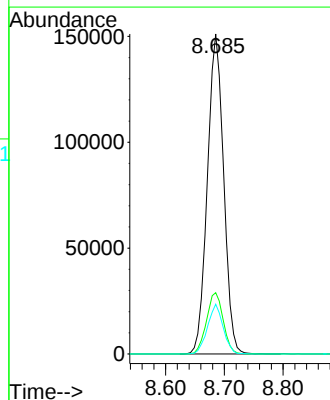
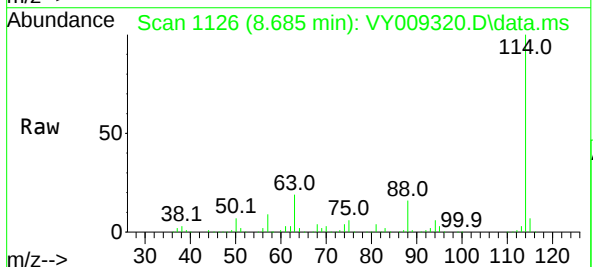
Tgt Ion:114 Resp: 290652

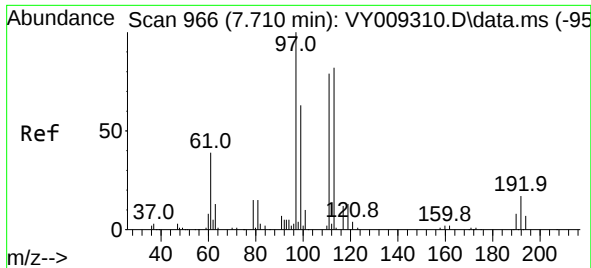
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

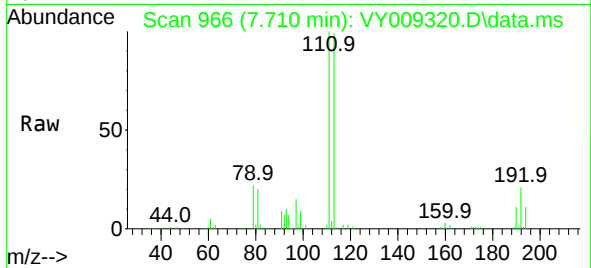
88 15.6 0.0 30.0





#35
Dibromofluoromethane
Concen: 45.766 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

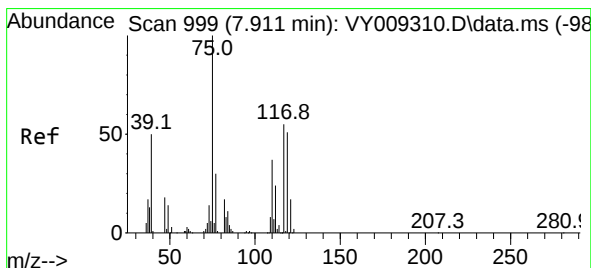
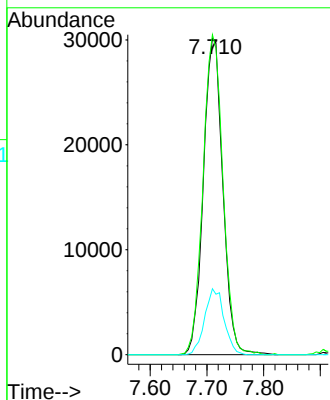
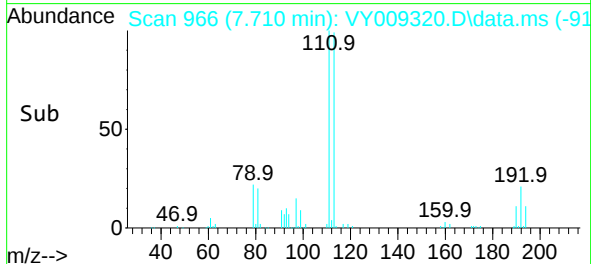
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



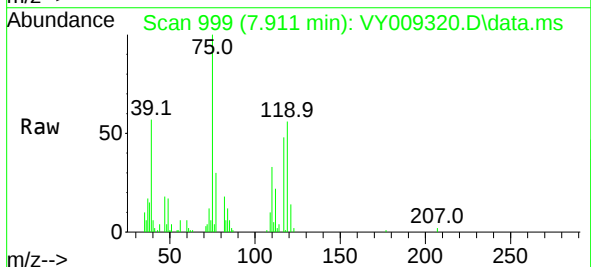
Tgt Ion: 113 Resp: 71799
Ion Ratio Lower Upper
113 100
111 103.8 80.6 120.8
192 20.8 16.2 24.4

Manual Integrations
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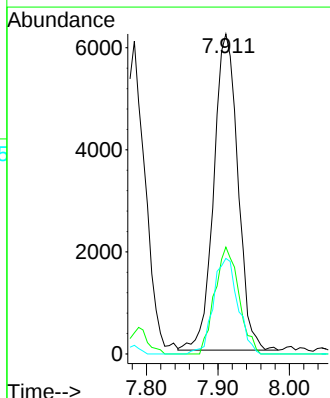
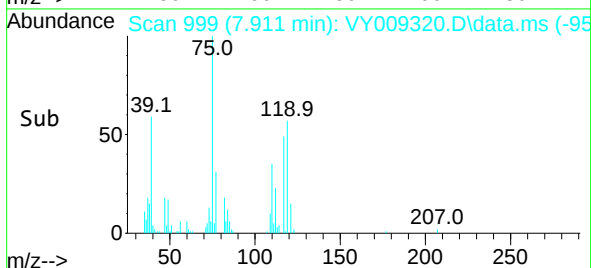
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

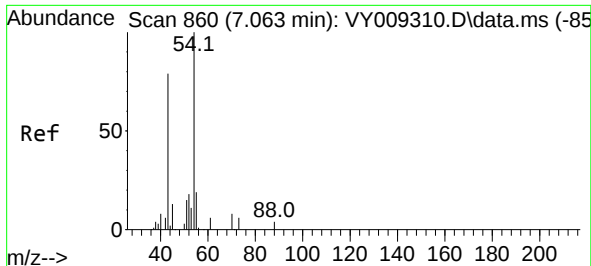


#36
1,1-Dichloropropene
Concen: 5.518 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



Tgt Ion: 75 Resp: 14527
Ion Ratio Lower Upper
75 100
110 33.7 18.6 56.0
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 5.549 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

Instrument :

MSVOA_Y

ClientSampleId :

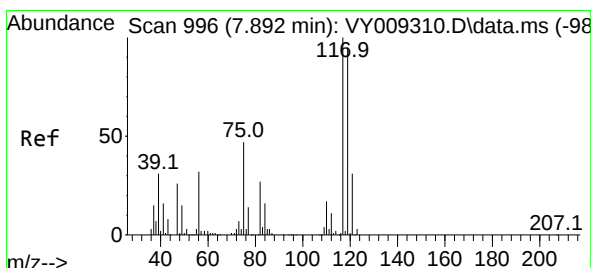
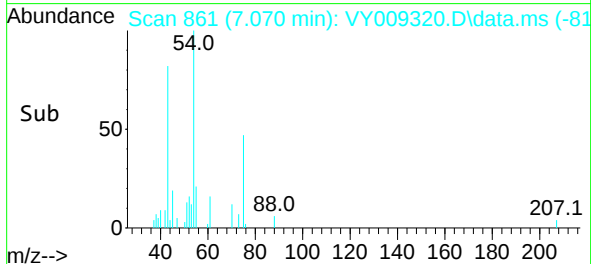
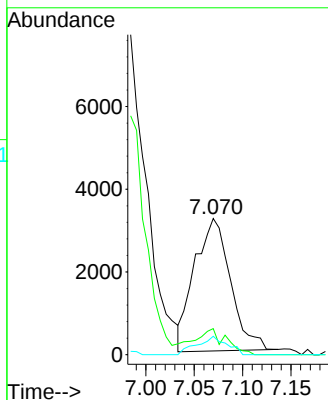
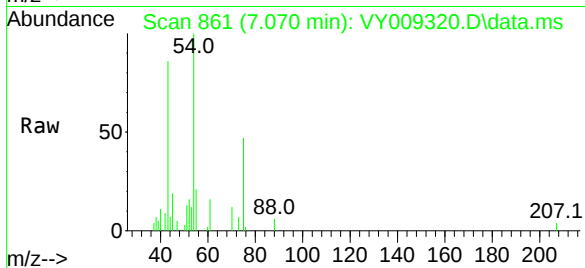
LOQ-SOIL-02-QT2-2022

Tgt Ion:	43	Resp:	829
Ion	Ratio	Lower	Upper
43	100		
61	17.4	11.2	16.8
70	11.4	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38

Carbon Tetrachloride

Concen: 5.324 ug/l

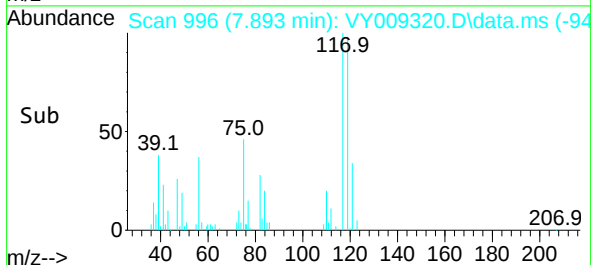
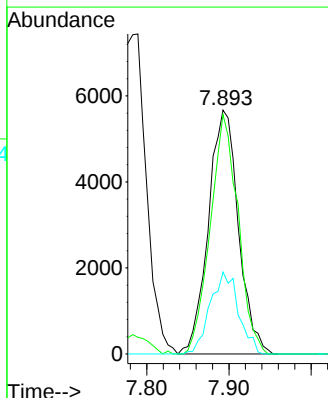
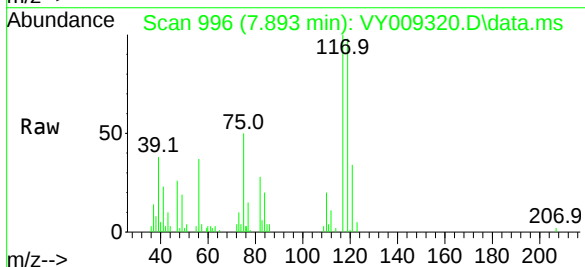
RT: 7.893 min Scan# 996

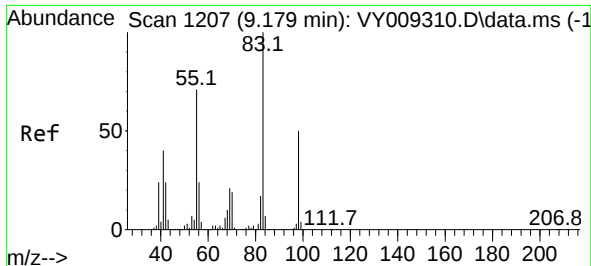
Delta R.T. 0.000 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

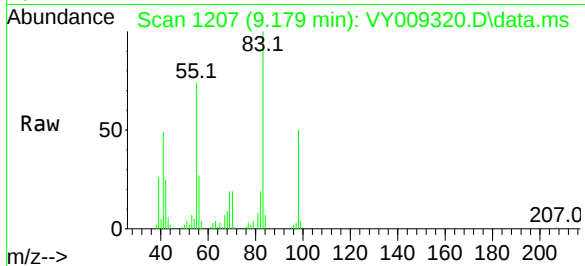
Tgt Ion:	117	Resp:	14415
Ion	Ratio	Lower	Upper
117	100		
119	98.2	75.9	113.9
121	33.6	24.9	37.3





#39
Methylcyclohexane
Concen: 5.338 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

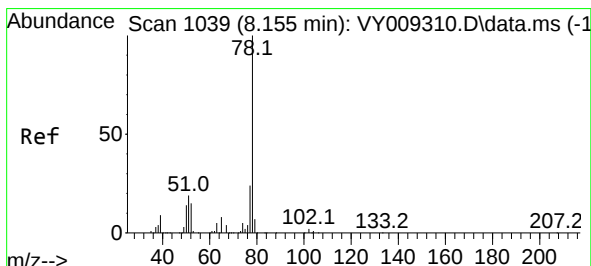
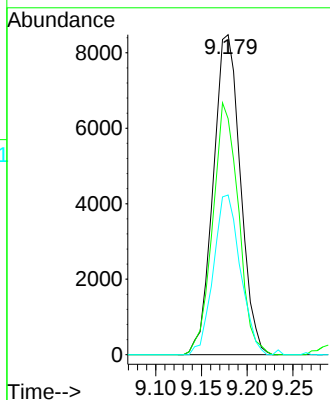
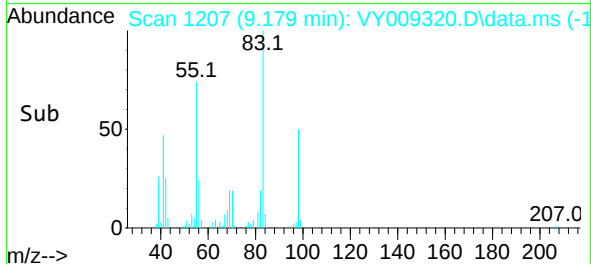
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 83 Resp: 1751
Ion Ratio Lower Upper
83 100
55 73.8 56.7 85.1
98 49.9 39.9 59.9

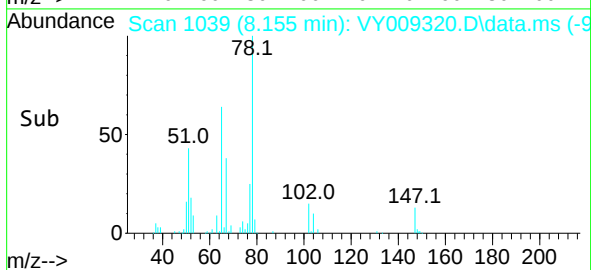
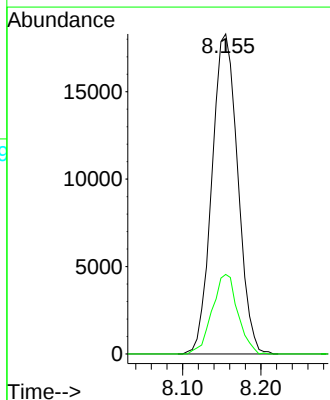
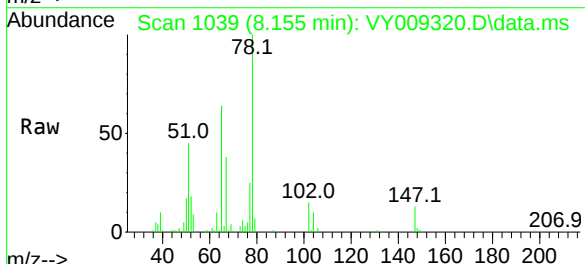
Manual Integrations
APPROVED

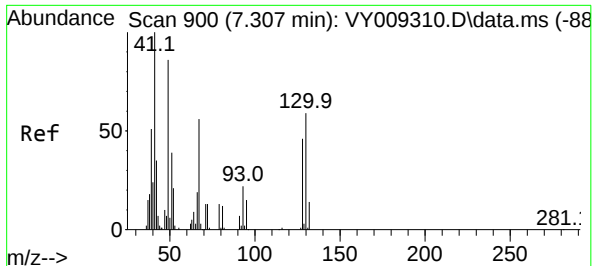
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#40
Benzene
Concen: 5.422 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

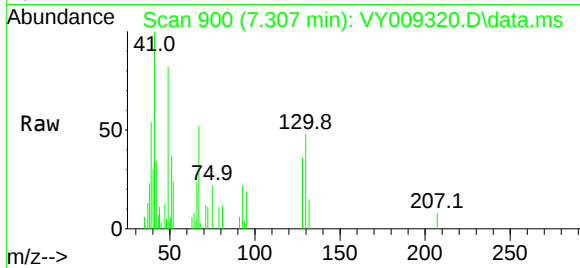
Tgt Ion: 78 Resp: 42014
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0





#41
Methacrylonitrile
Concen: 5.587 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

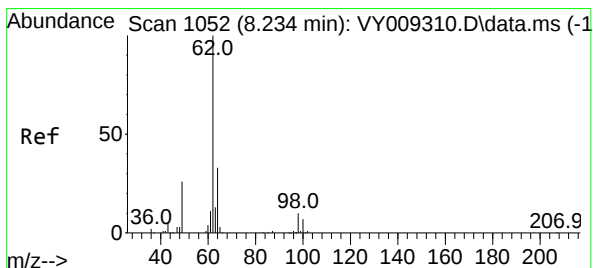
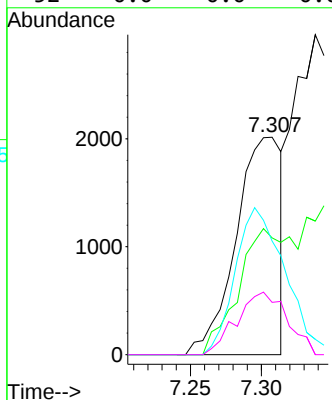
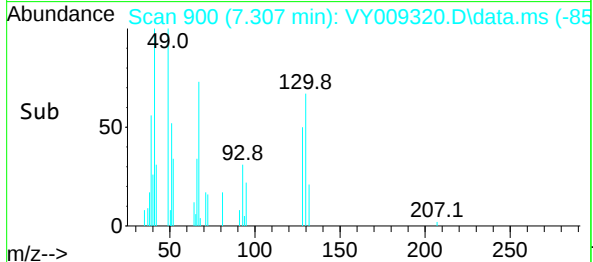
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



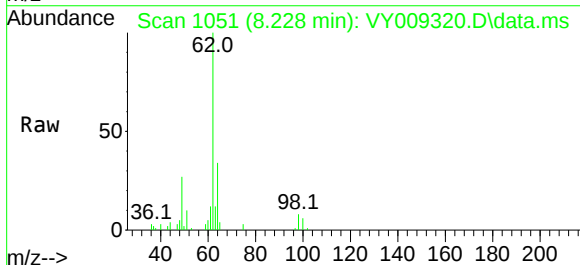
Tgt Ion: 41 Resp: 4498
Ion Ratio Lower Upper
41 100
39 64.3 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
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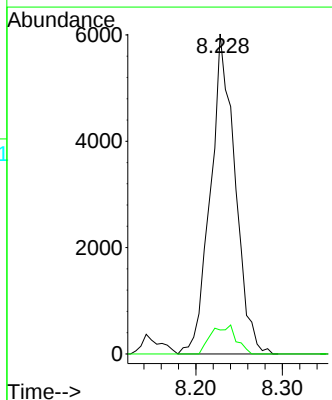
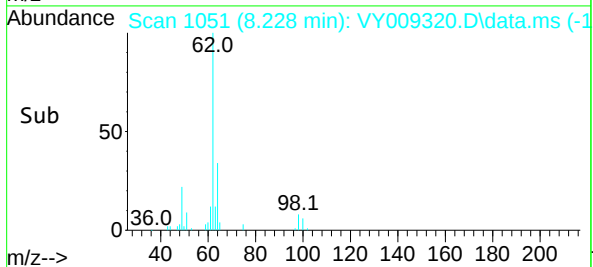
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

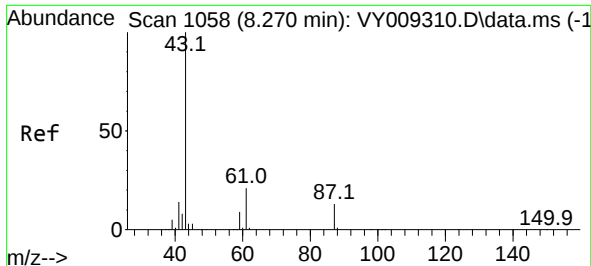


#42
1,2-Dichloroethane
Concen: 5.443 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



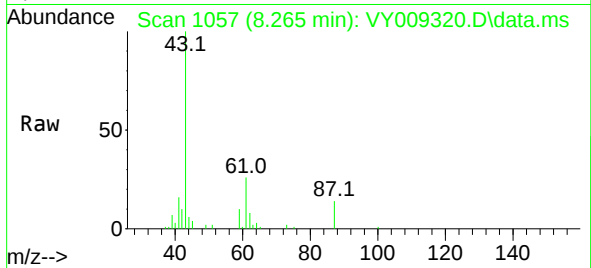
Tgt Ion: 62 Resp: 11874
Ion Ratio Lower Upper
62 100
98 9.1 0.0 20.6





#43
Isopropyl Acetate
Concen: 5.545 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

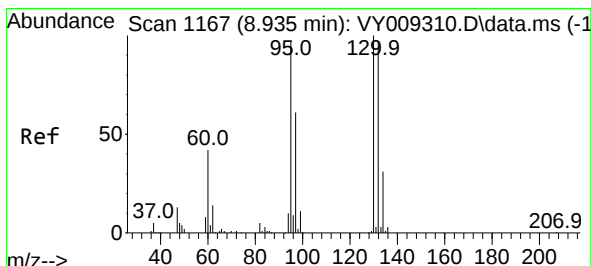
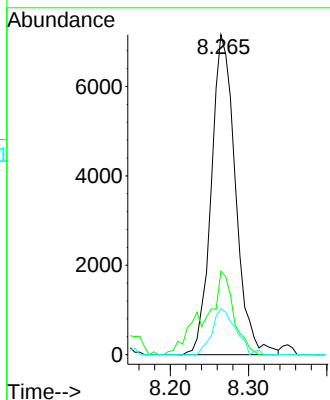
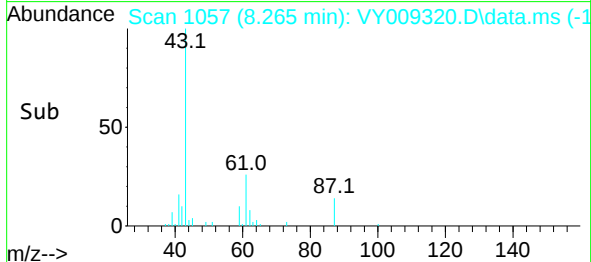
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022



Tgt Ion: 43 Resp: 15319
Ion Ratio Lower Upper
43 100
61 22.9 23.6 35.4
87 14.2 11.3 16.9

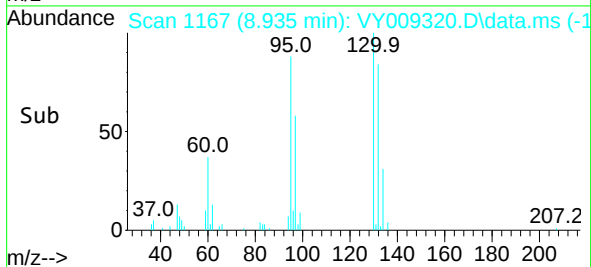
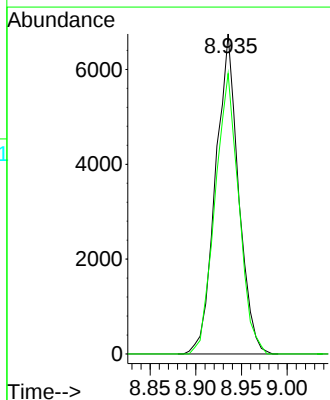
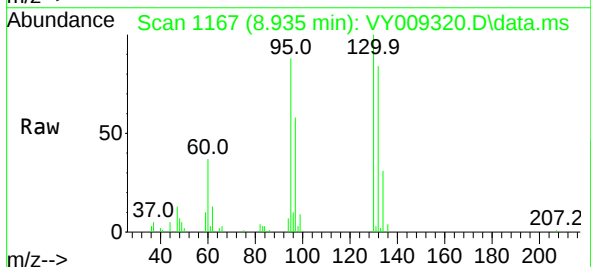
Manual Integrations
APPROVED

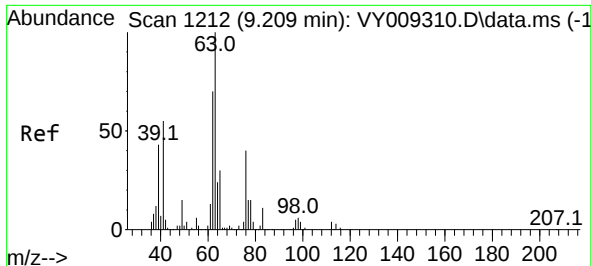
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#44
Trichloroethene
Concen: 5.442 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Tgt Ion:130 Resp: 11791
Ion Ratio Lower Upper
130 100
95 87.7 0.0 194.6





#45

1,2-Dichloropropane

Concen: 5.356 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 63 Resp: 1018

Ion Ratio Lower Upper

63 100

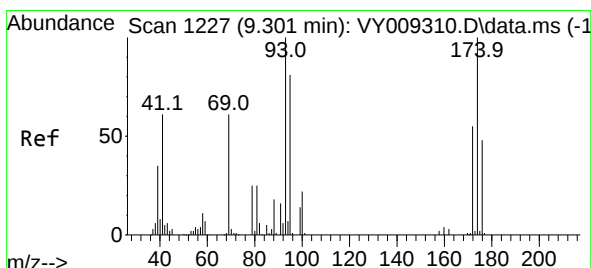
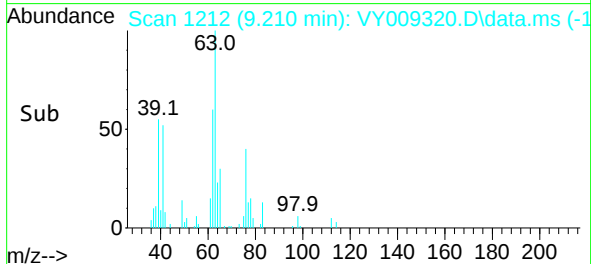
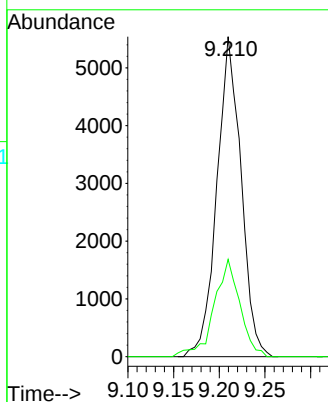
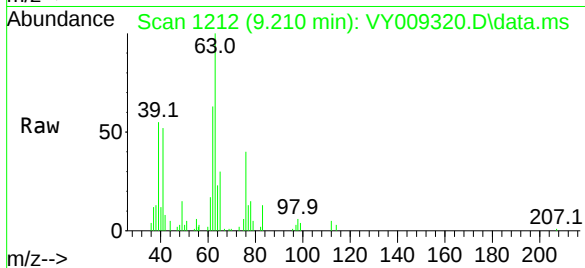
65 30.4 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022

Supervised By :Mahesh Dadoda 06/30/2022



#46

Dibromomethane

Concen: 5.597 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

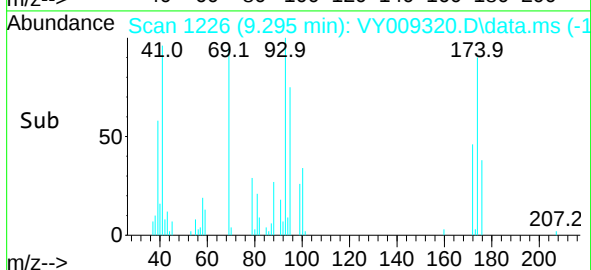
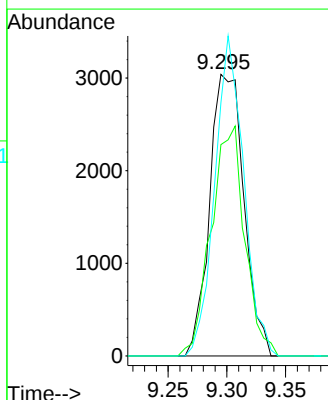
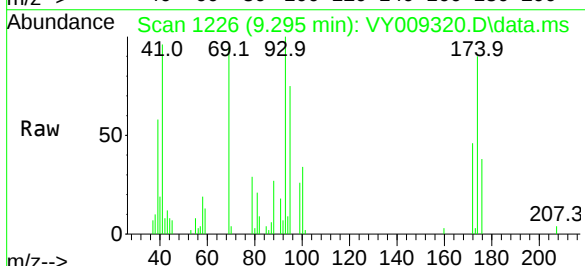
Tgt Ion: 93 Resp: 6172

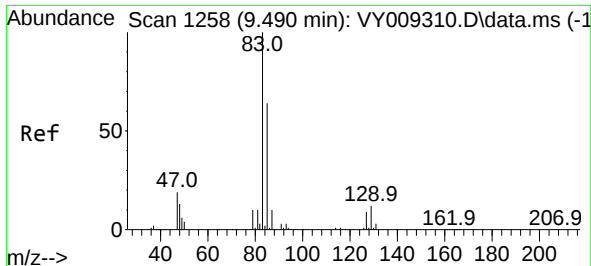
Ion Ratio Lower Upper

93 100

95 80.0 66.3 99.5

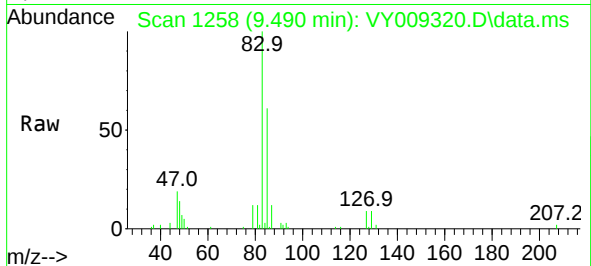
174 96.1 80.6 120.8





#47
Bromodichloromethane
Concen: 5.257 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

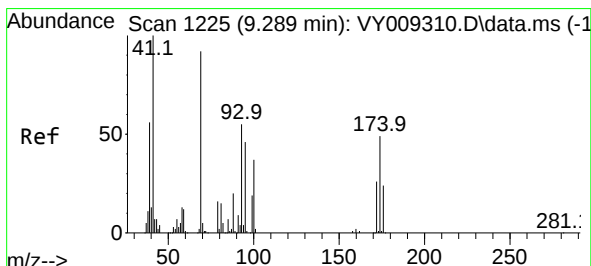
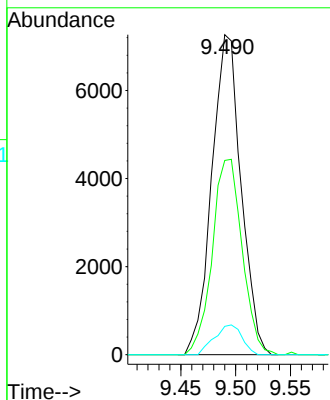
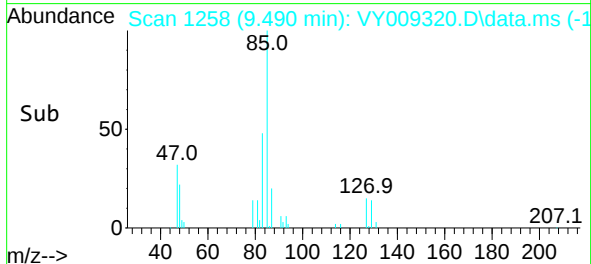
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



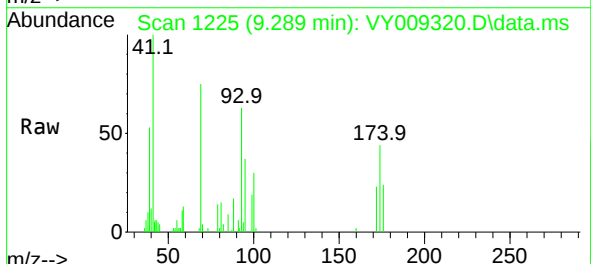
Tgt Ion: 83 Resp: 1348
Ion Ratio Lower Upper
83 100
85 60.7 51.2 76.8
127 8.9 7.1 10.7

Manual Integrations
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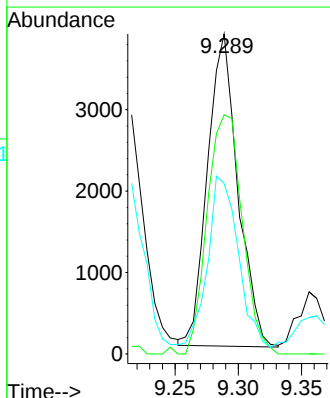
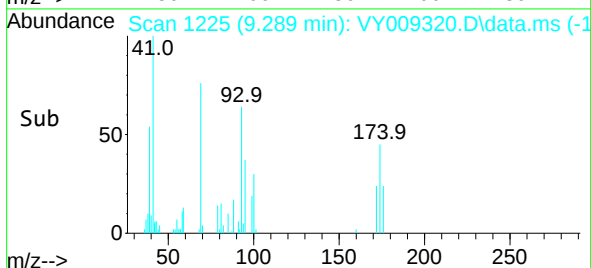
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

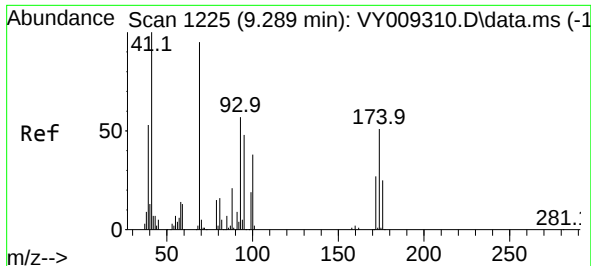


#48
Methyl methacrylate
Concen: 5.210 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



Tgt Ion: 41 Resp: 6396
Ion Ratio Lower Upper
41 100
69 89.2 73.2 109.8
39 60.6 47.5 71.3





#49

1,4-Dioxane

Concen: 114.456 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY009320.D

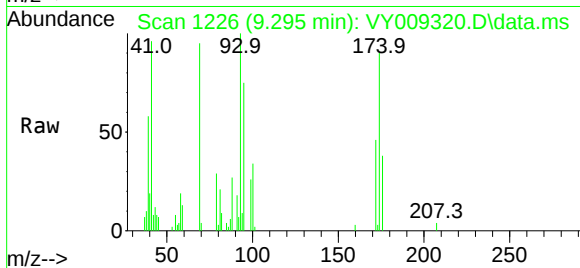
Acq: 25 Jun 2022 13:46

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022

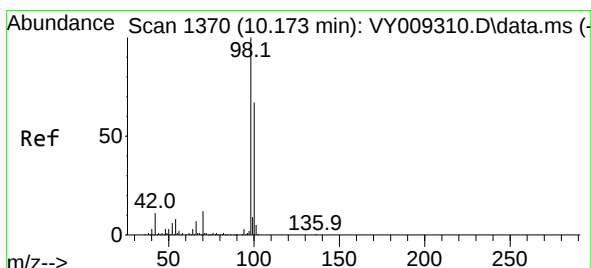
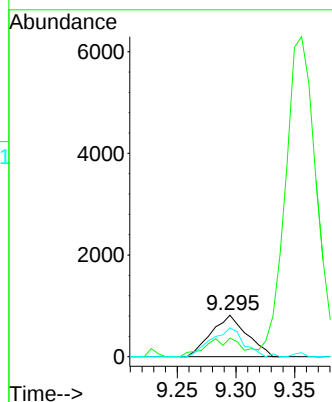
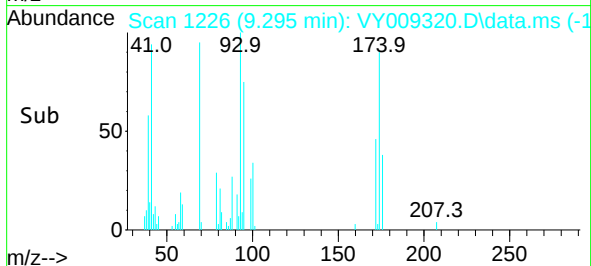


Tgt Ion:	88	Resp:	1710
Ion	Ratio	Lower	Upper
88	100		
43	24.3	26.3	39.5
58	63.7	52.6	79.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#50

Toluene-d8

Concen: 39.913 ug/l

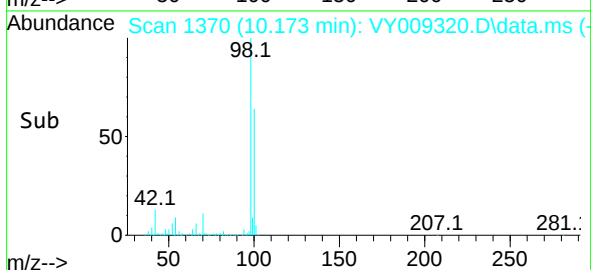
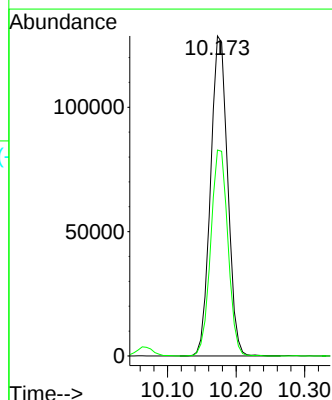
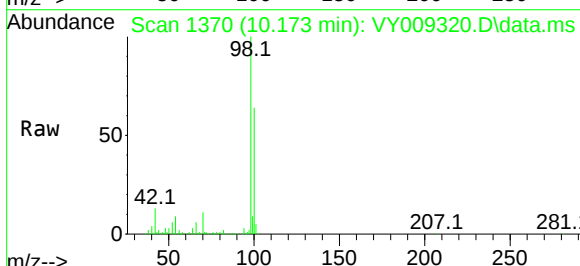
RT: 10.173 min Scan# 1370

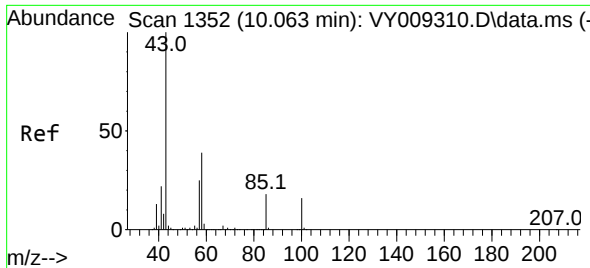
Delta R.T. -0.000 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

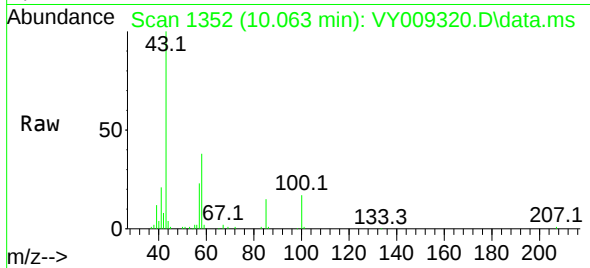
Tgt Ion:	98	Resp:	222742
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.9	79.3





#51
4-Methyl-2-Pentanone
Concen: 28.619 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

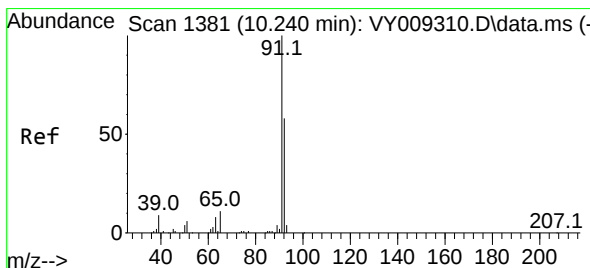
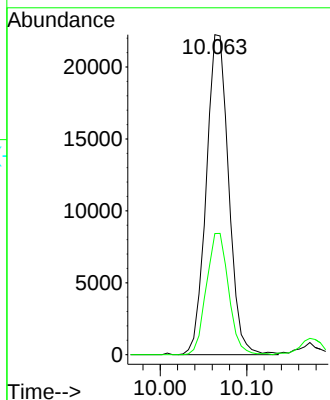
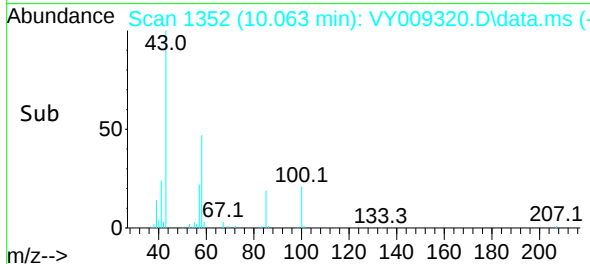
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



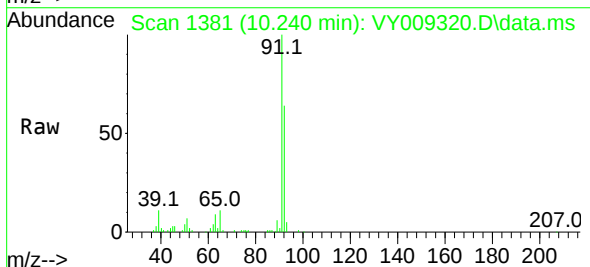
Tgt Ion: 43 Resp: 3994
Ion Ratio Lower Upper
43 100
58 37.7 31.5 47.3

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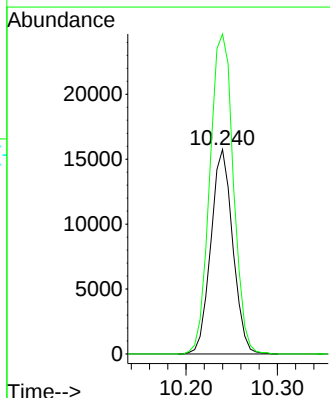
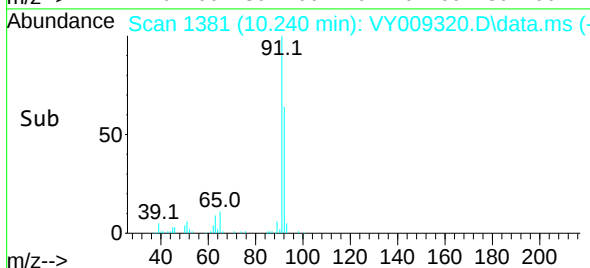
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

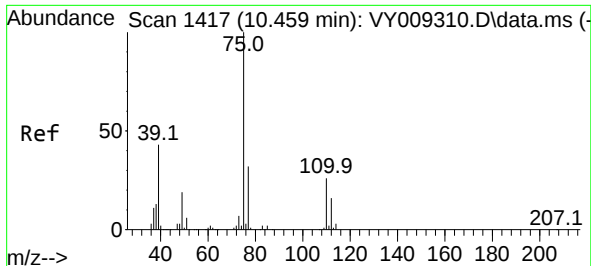


#52
Toluene
Concen: 5.458 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



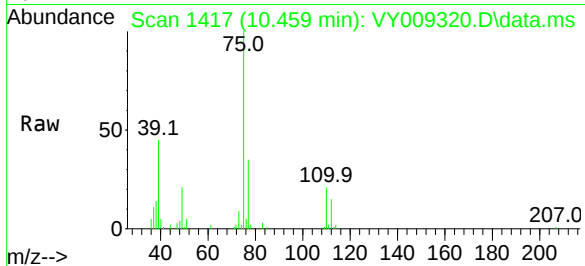
Tgt Ion: 92 Resp: 26198
Ion Ratio Lower Upper
92 100
91 168.4 138.7 208.1





#53
t-1,3-Dichloropropene
Concen: 5.237 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

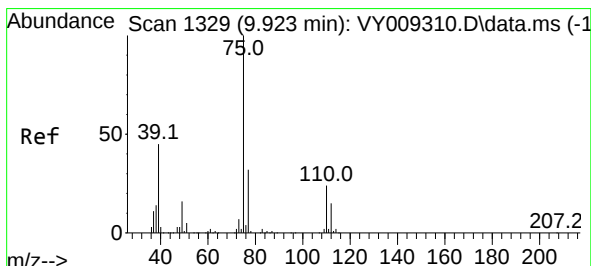
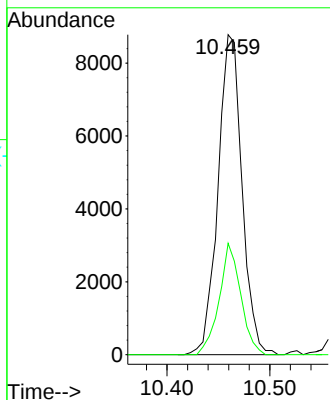
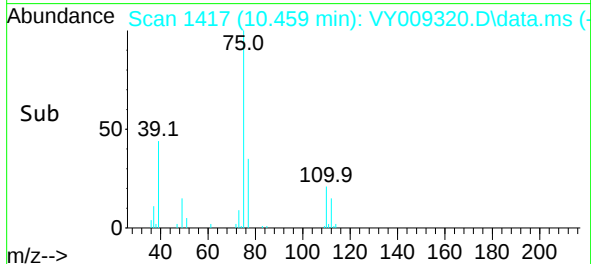
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



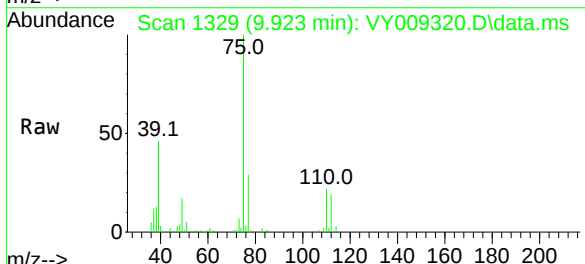
Tgt Ion: 75 Resp: 14214
Ion Ratio Lower Upper
75 100
77 34.8 25.4 38.0

Manual Integrations
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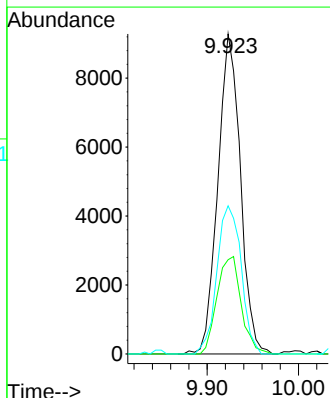
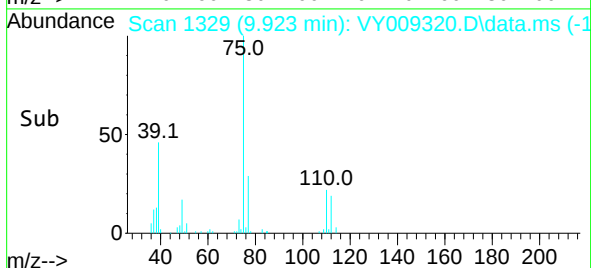
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

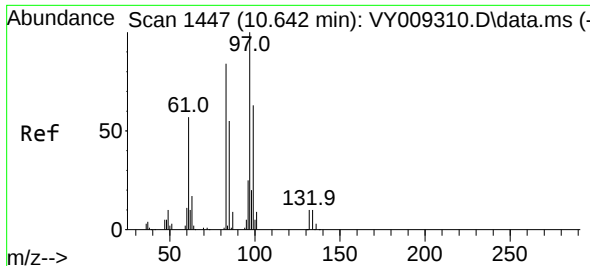


#54
cis-1,3-Dichloropropene
Concen: 5.149 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



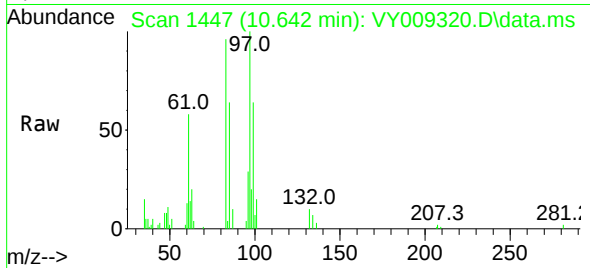
Tgt Ion: 75 Resp: 15920
Ion Ratio Lower Upper
75 100
77 29.4 25.2 37.8
39 46.3 35.8 53.8





#55
1,1,2-Trichloroethane
Concen: 5.290 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

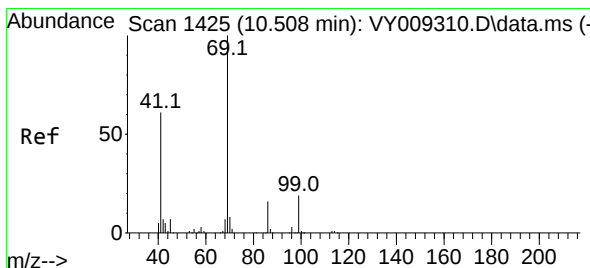
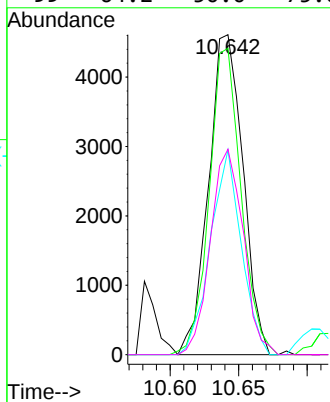
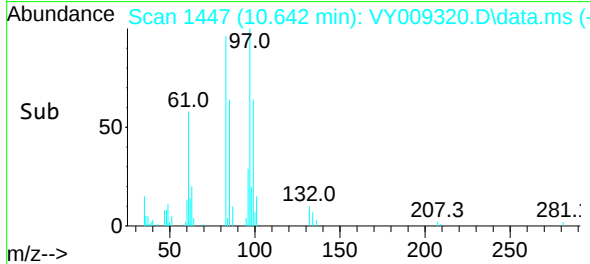
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



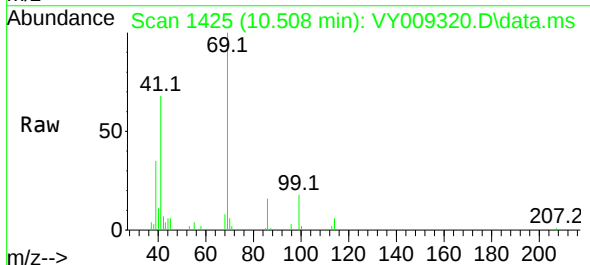
Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.7	66.9	100.3
85	64.0	44.2	66.4
99	64.2	50.0	75.0

Manual Integrations
APPROVED

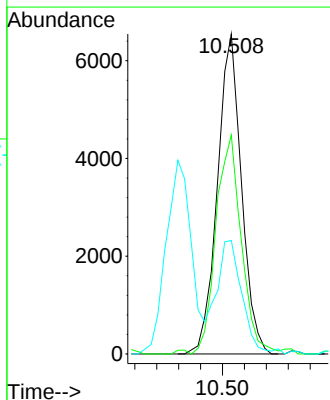
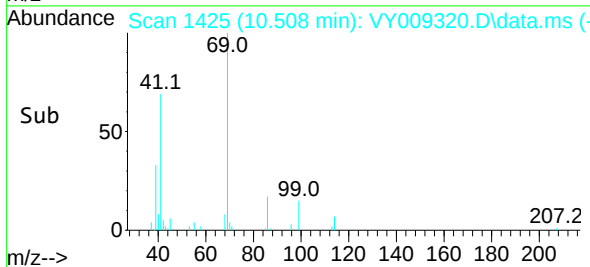
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

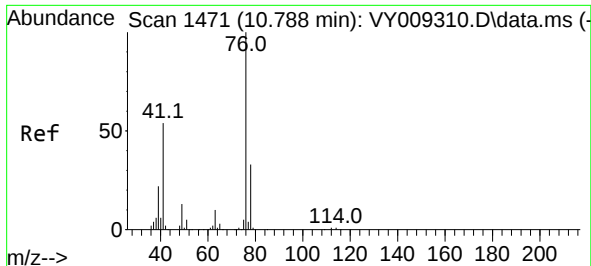


#56
Ethyl methacrylate
Concen: 4.974 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.4	50.4	75.6
39	38.1	27.6	41.4





#57

1,3-Dichloropropane

Concen: 5.309 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 76 Resp: 13690

Ion Ratio Lower Upper

76 100

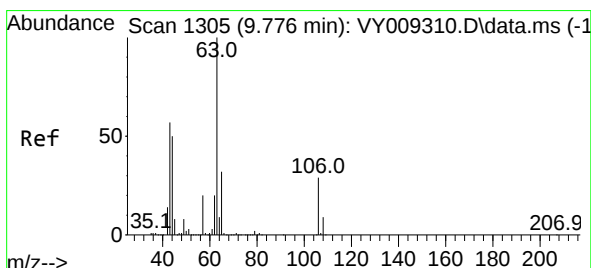
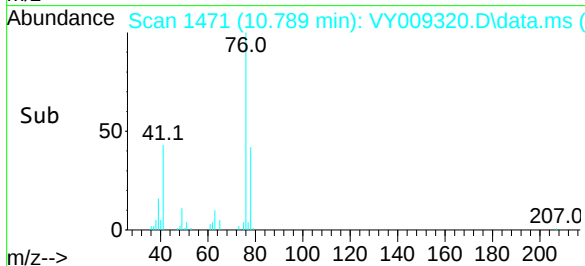
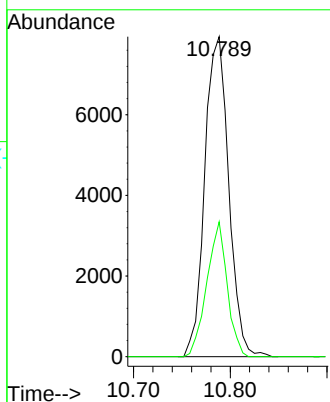
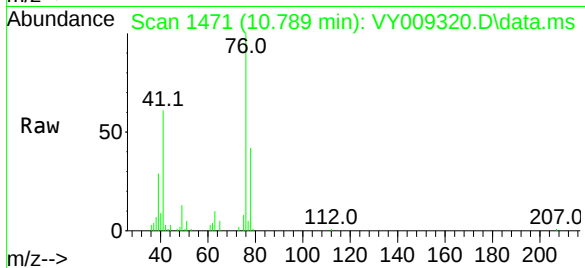
78 35.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022

Supervised By :Mahesh Dadoda 06/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 25.364 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY009320.D

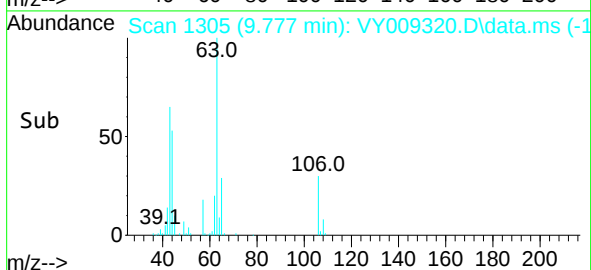
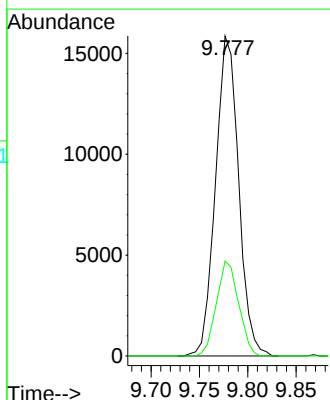
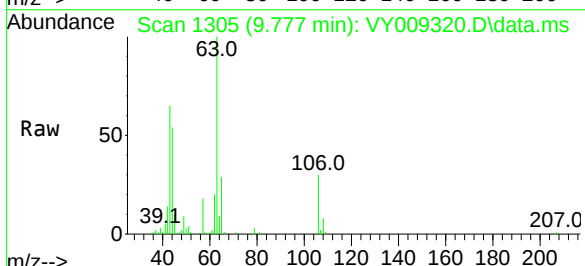
Acq: 25 Jun 2022 13:46

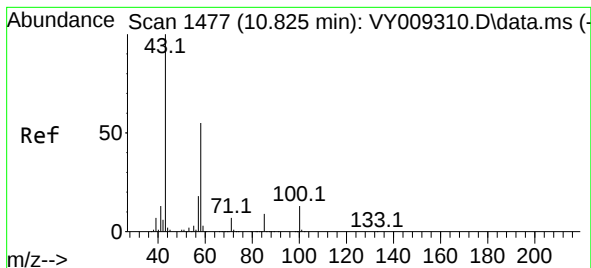
Tgt Ion: 63 Resp: 26321

Ion Ratio Lower Upper

63 100

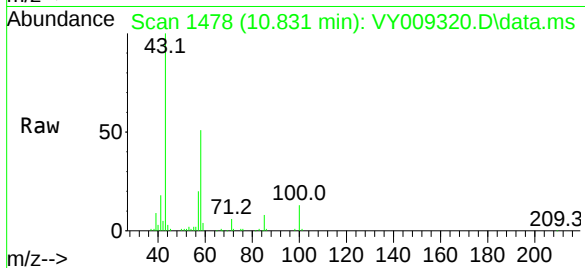
106 28.5 23.3 34.9





#59
2-Hexanone
Concen: 27.377 ug/l
RT: 10.831 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

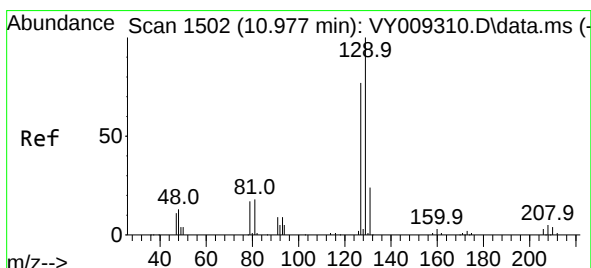
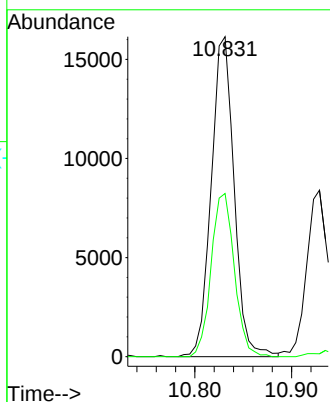
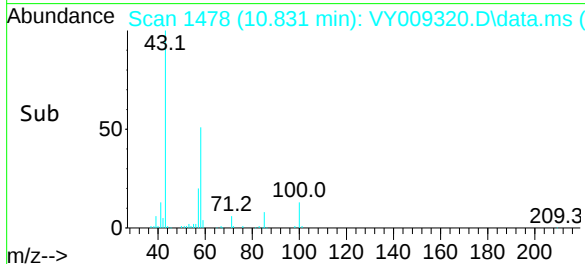
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 43 Resp: 26579
Ion Ratio Lower Upper
43 100
58 51.6 27.6 82.8

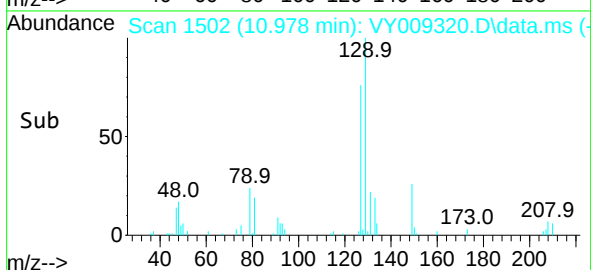
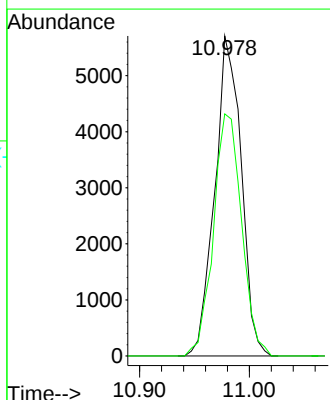
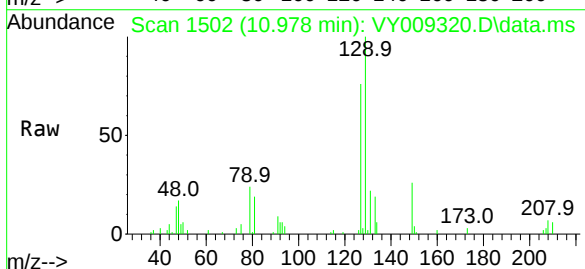
Manual Integrations
APPROVED

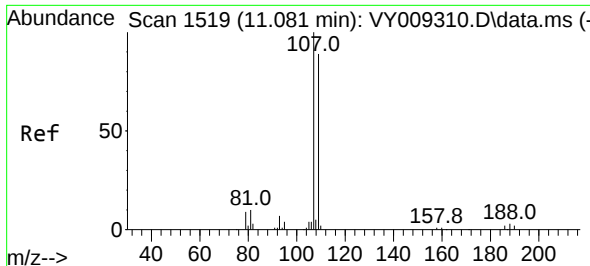
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#60
Dibromochloromethane
Concen: 5.197 ug/l
RT: 10.978 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

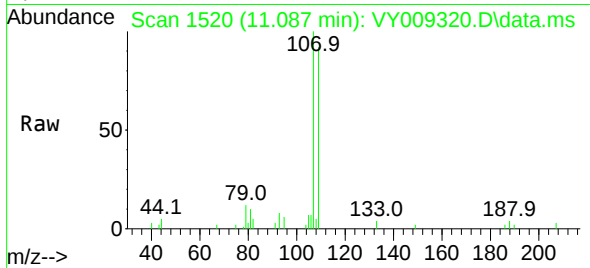
Tgt Ion:129 Resp: 9557
Ion Ratio Lower Upper
129 100
127 80.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 5.331 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

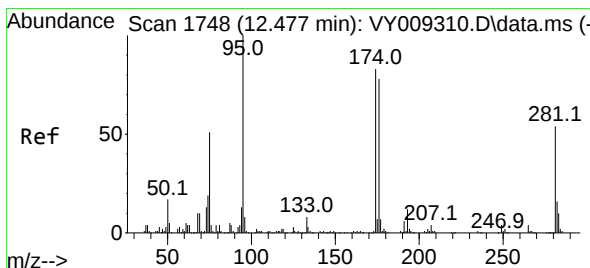
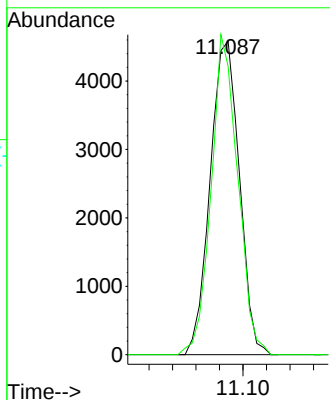
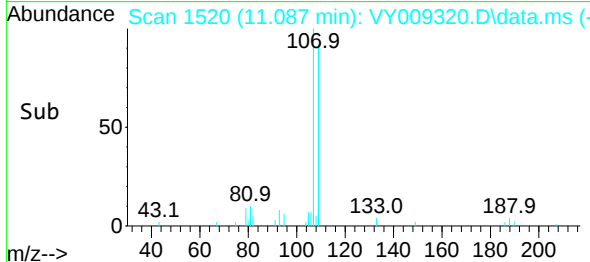
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



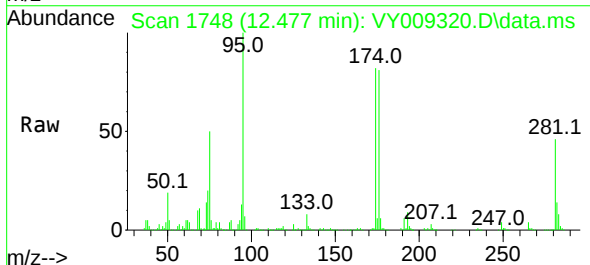
Tgt Ion:107 Resp: 7932
Ion Ratio Lower Upper
107 100
109 92.9 73.9 110.9

Manual Integrations
APPROVED

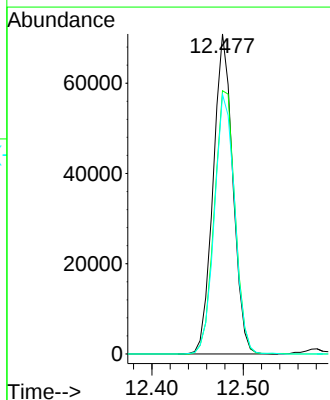
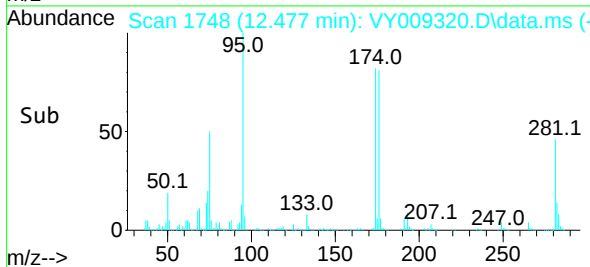
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

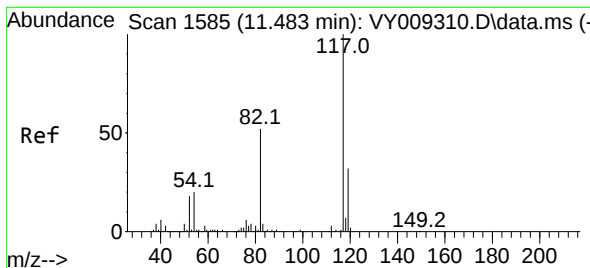


#62
4-Bromofluorobenzene
Concen: 47.410 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



Tgt Ion: 95 Resp: 105929
Ion Ratio Lower Upper
95 100
174 86.7 0.0 173.8
176 83.7 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 1585

Delta R.T. 0.001 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

Instrument :

MSVOA_Y

ClientSampleId :

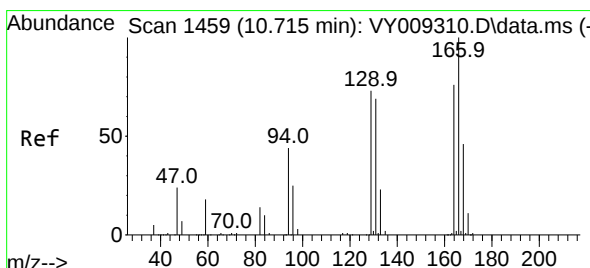
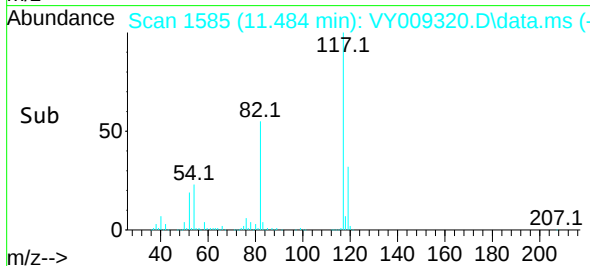
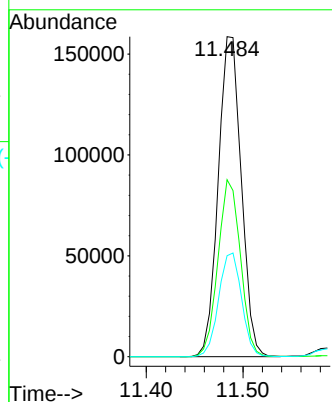
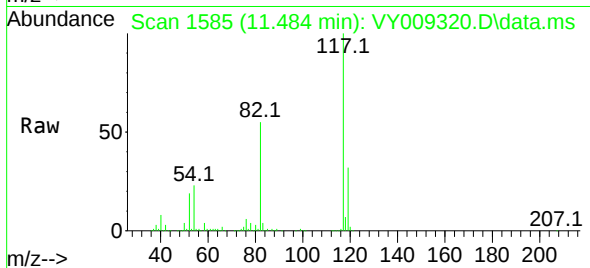
LOQ-SOIL-02-QT2-2022

Tgt Ion:	117	Resp:	262329
Ion Ratio	Lower	Upper	
117	100		
82	55.3	41.8	62.6
119	31.5	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#64

Tetrachloroethene

Concen: 5.833 ug/l

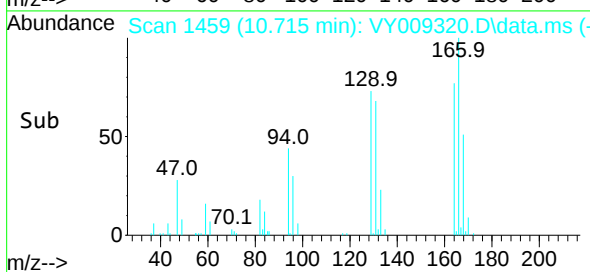
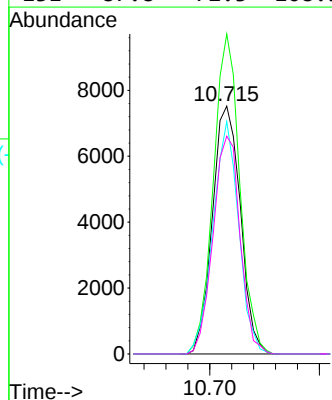
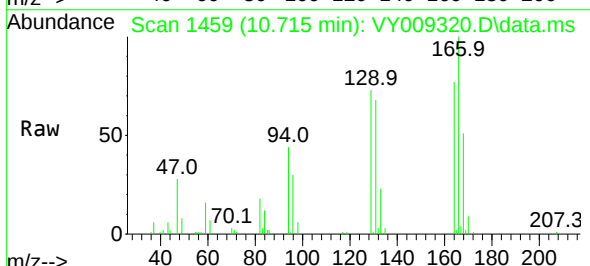
RT: 10.715 min Scan# 1459

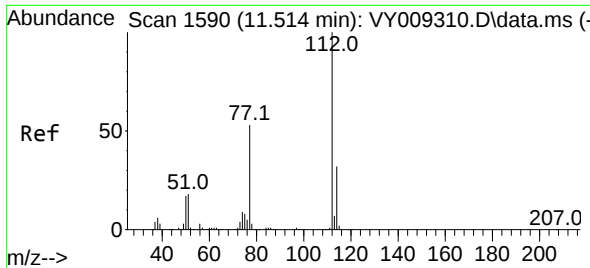
Delta R.T. 0.000 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

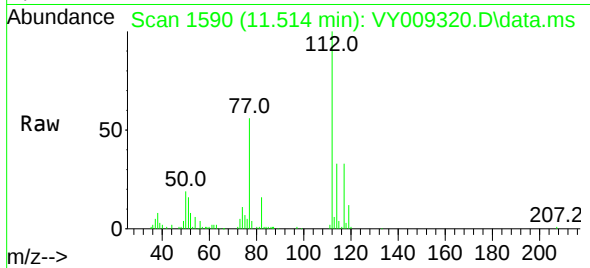
Tgt Ion:	164	Resp:	13309
Ion Ratio	Lower	Upper	
164	100		
166	129.1	104.9	157.3
129	93.7	76.5	114.7
131	87.8	72.3	108.5





#65
Chlorobenzene
Concen: 5.493 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

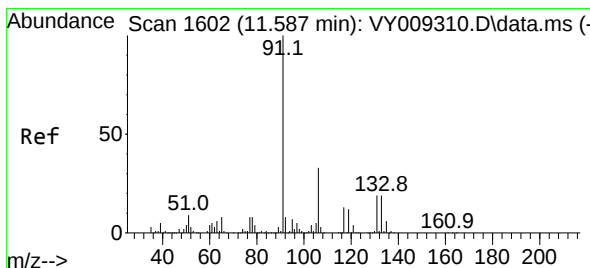
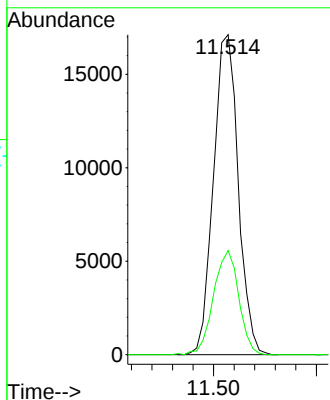
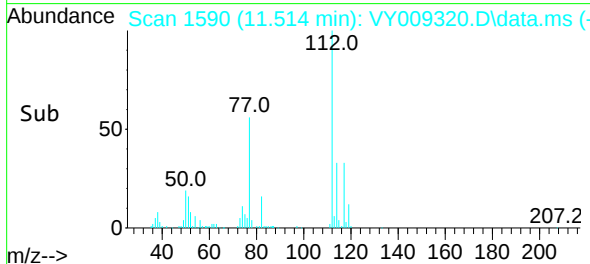
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion:112 Resp: 28594
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9

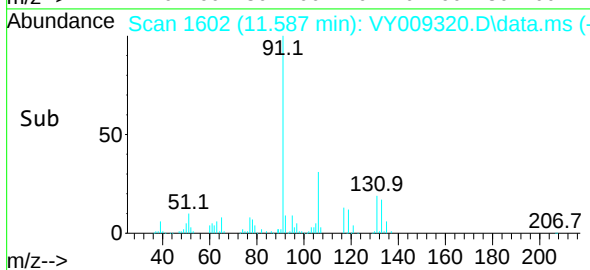
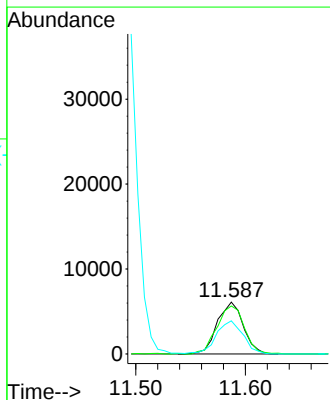
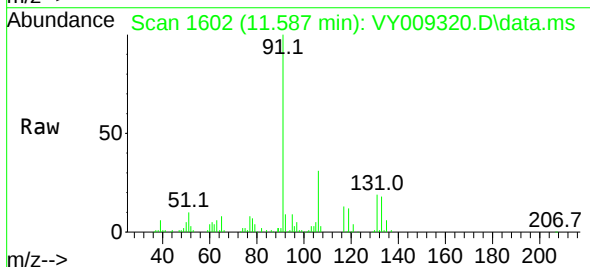
Manual Integrations
APPROVED

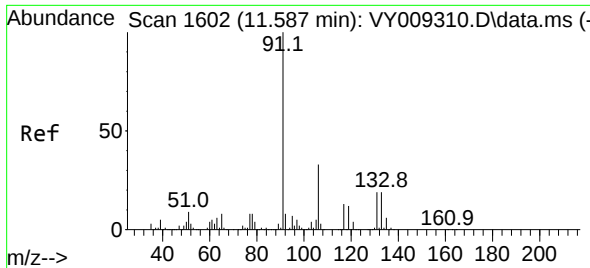
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.381 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Tgt Ion:131 Resp: 10037
Ion Ratio Lower Upper
131 100
133 98.4 47.3 142.0
119 66.1 32.1 96.3





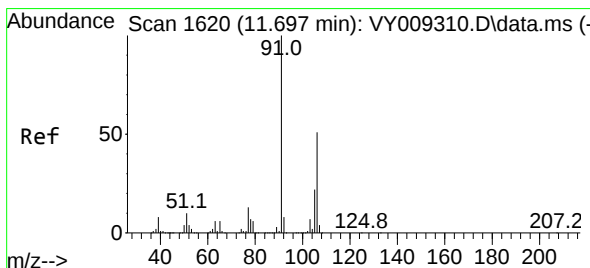
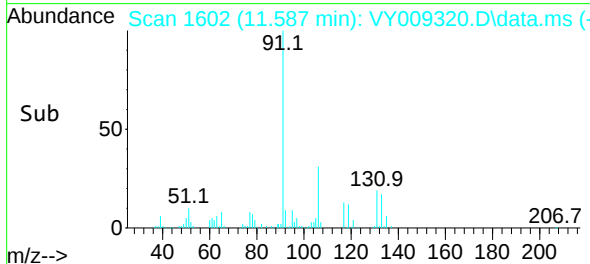
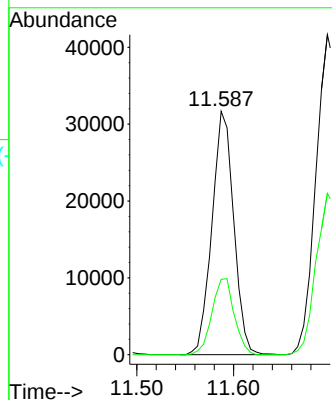
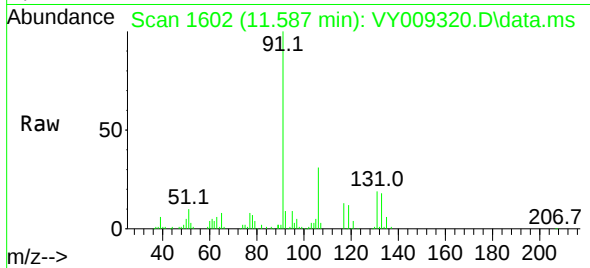
#67
Ethyl Benzene
Concen: 5.397 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion: 91 Resp: 49602
Ion Ratio Lower Upper
91 100
106 31.0 26.2 39.4

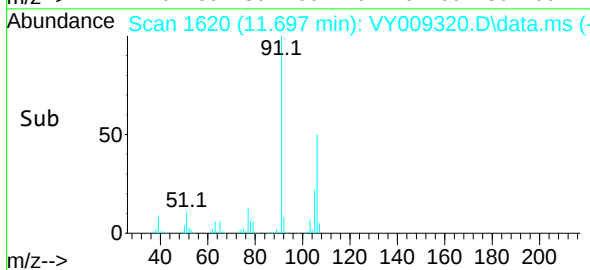
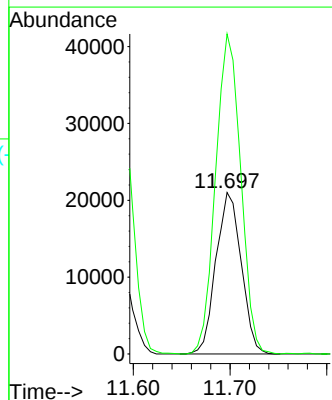
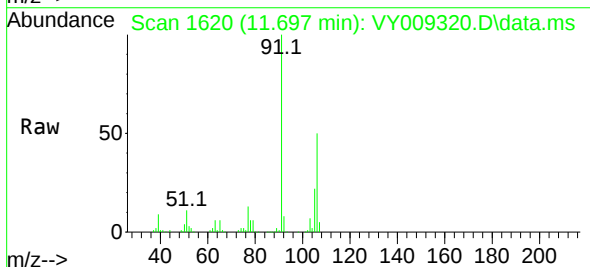
Manual Integrations
APPROVED

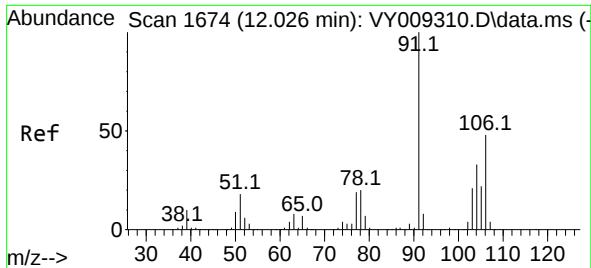
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#68
m/p-Xylenes
Concen: 10.559 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Tgt Ion:106 Resp: 38126
Ion Ratio Lower Upper
106 100
91 196.6 156.2 234.2





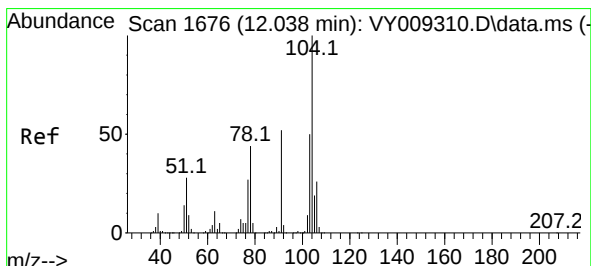
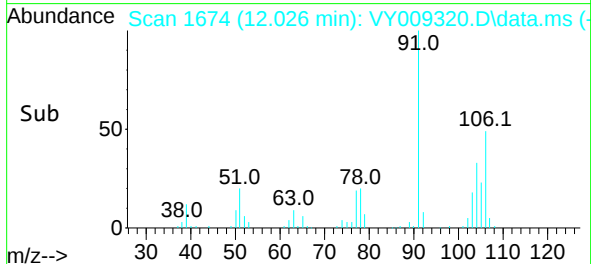
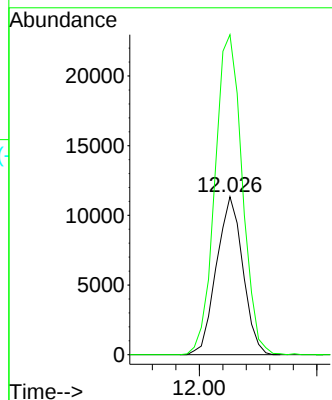
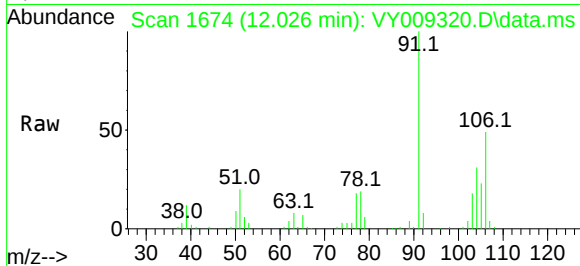
#69
o-Xylene
Concen: 5.211 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Tgt Ion:106 Resp: 1765
Ion Ratio Lower Upper
106 100
91 210.1 103.2 309.4

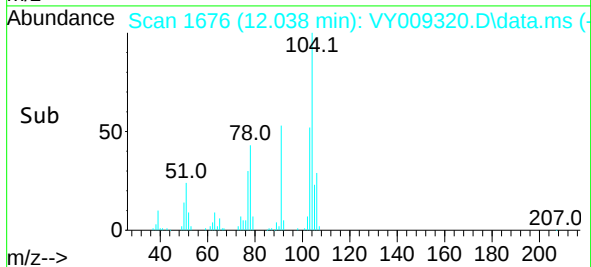
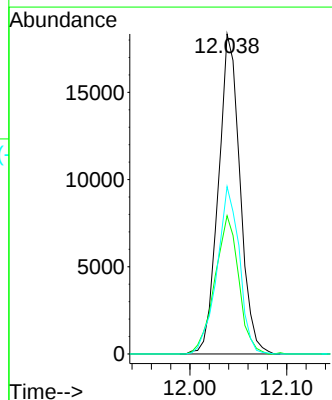
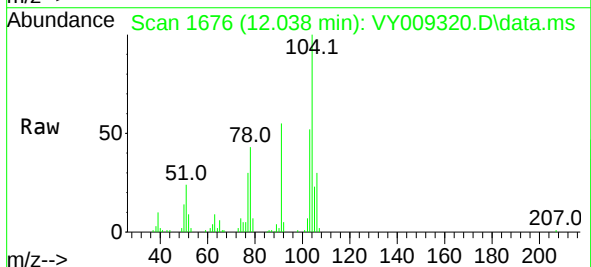
Manual Integrations
APPROVED

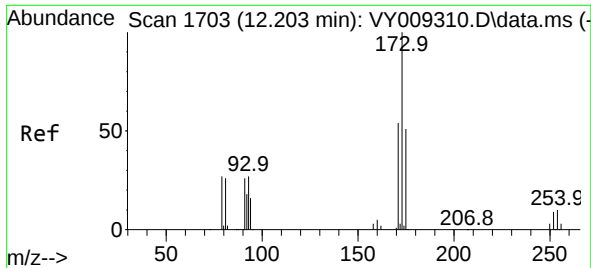
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#70
Styrene
Concen: 5.063 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

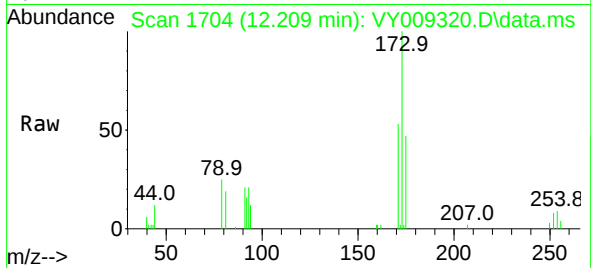
Tgt Ion:104 Resp: 28480
Ion Ratio Lower Upper
104 100
78 47.5 38.6 57.8
103 54.2 43.3 64.9





#71
Bromoform
Concen: 5.171 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

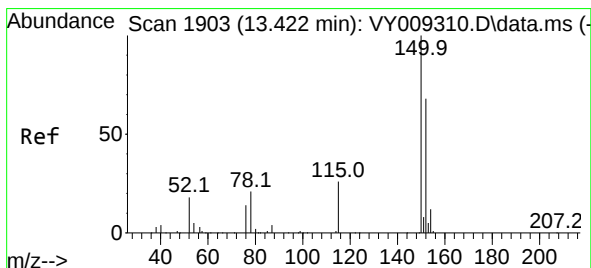
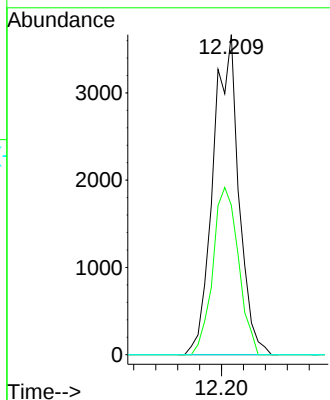
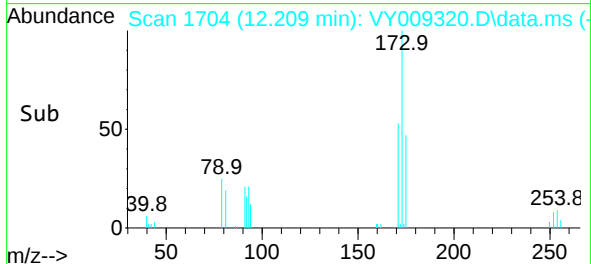
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



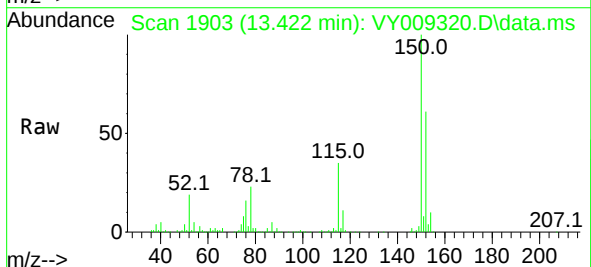
Tgt Ion:173 Resp: 595
Ion Ratio Lower Upper
173 100
175 52.2 24.4 73.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

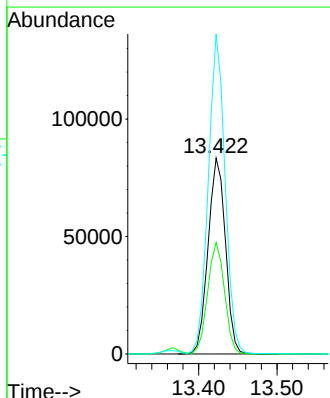
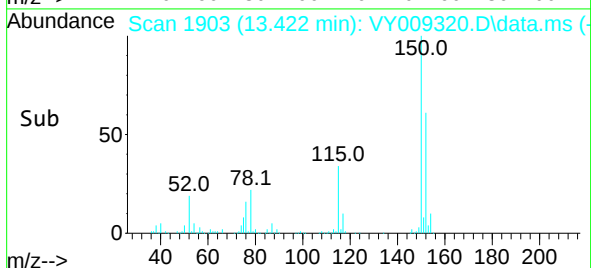
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

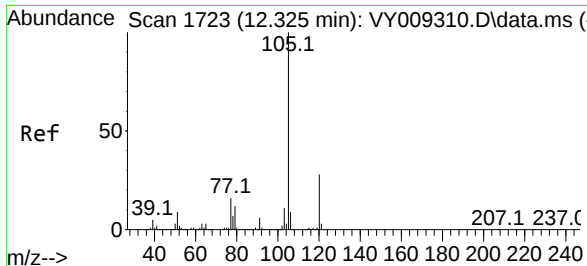


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



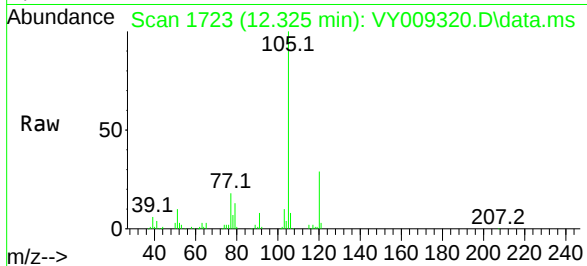
Tgt Ion:152 Resp: 128197
Ion Ratio Lower Upper
152 100
115 55.1 28.6 85.9
150 157.2 0.0 349.8





#73
Isopropylbenzene
Concen: 5.217 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

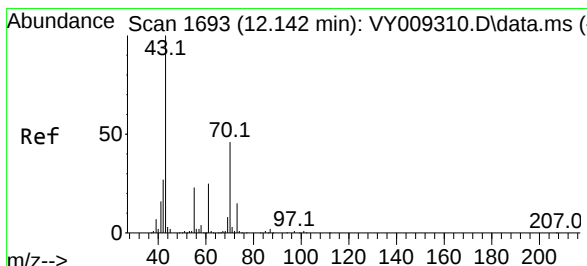
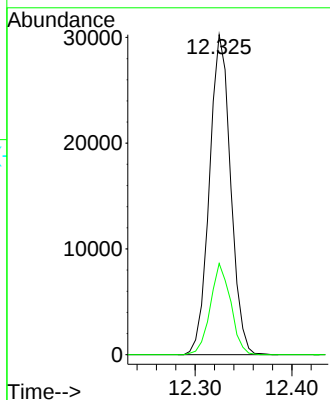
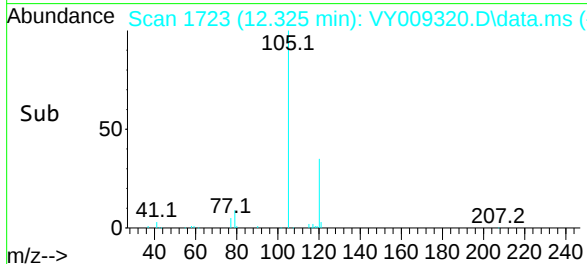
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022



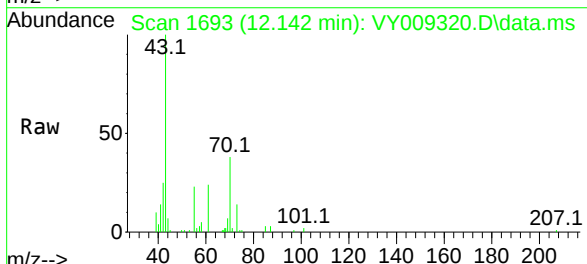
Tgt Ion:105 Resp: 46114
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.1

Manual Integrations
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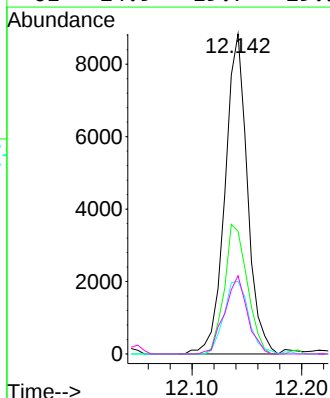
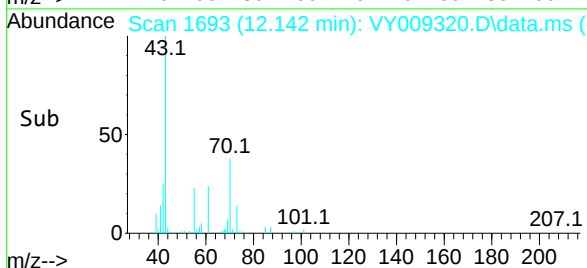
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

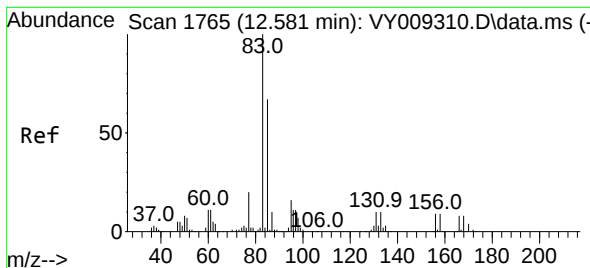


#74
N-ethyl acetate
Concen: 5.267 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



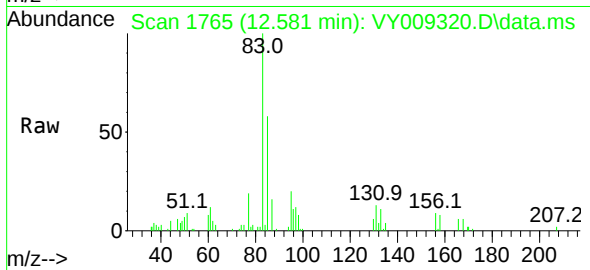
Tgt Ion: 43 Resp: 12506
Ion Ratio Lower Upper
43 100
70 41.5 35.6 53.4
55 25.1 19.5 29.3
61 24.9 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 5.623 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

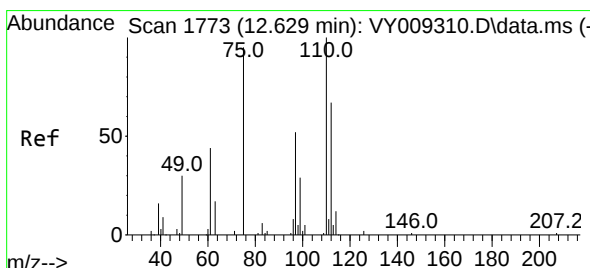
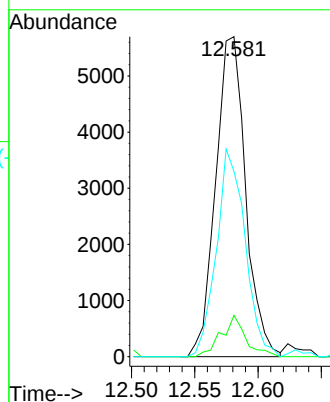
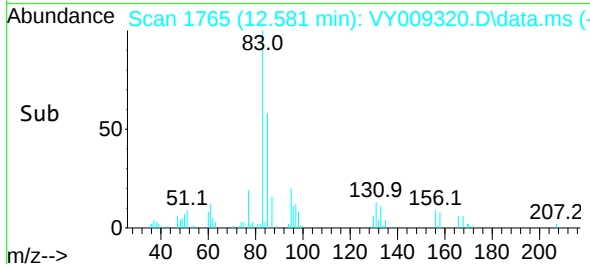
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022



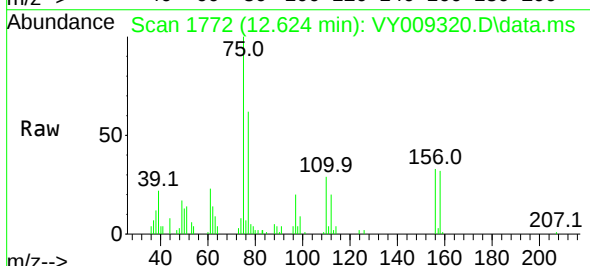
Tgt Ion: 83 Resp: 9368
Ion Ratio Lower Upper
83 100
131 10.6 5.4 16.2
85 62.2 32.8 98.4

Manual Integrations
APPROVED

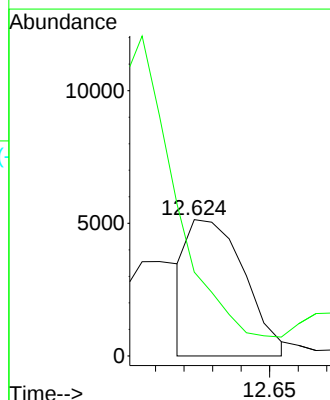
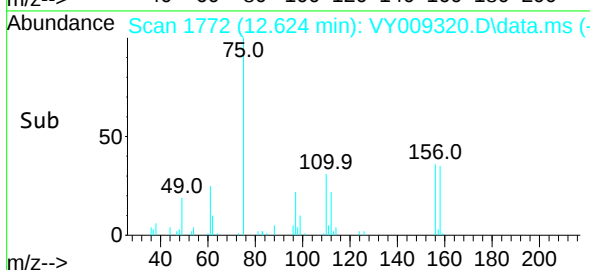
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

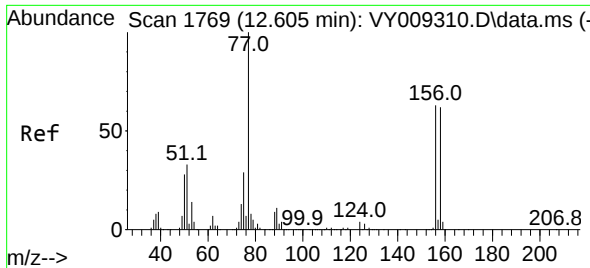


#76
1,2,3-Trichloropropane
Concen: 5.701 ug/l m
RT: 12.624 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



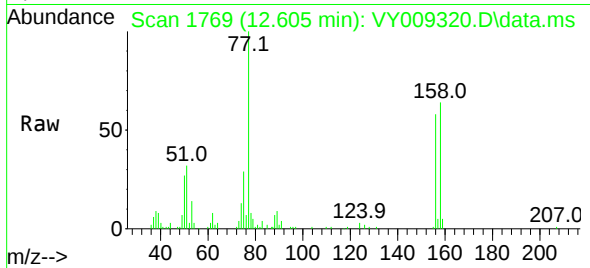
Tgt Ion: 75 Resp: 7092
Ion Ratio Lower Upper
75 100
77 302.3 0.0 0.0#





#77
Bromobenzene
Concen: 5.261 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

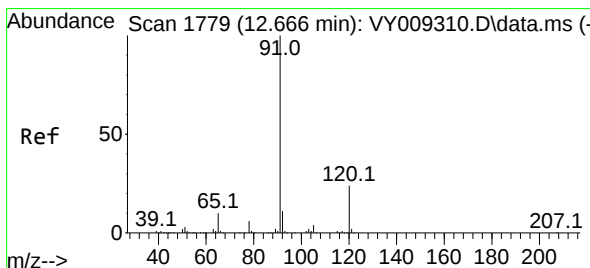
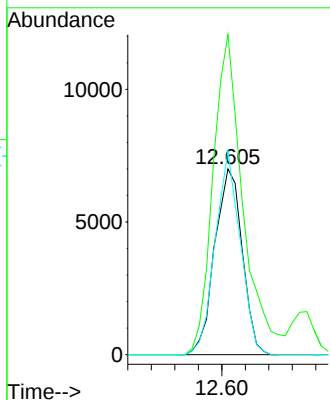
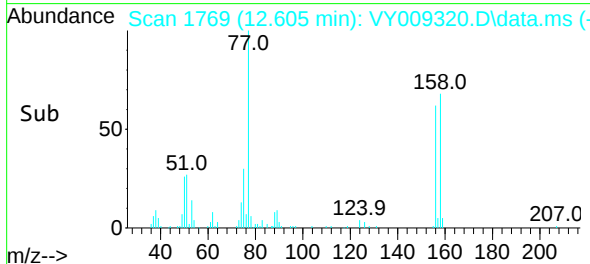
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



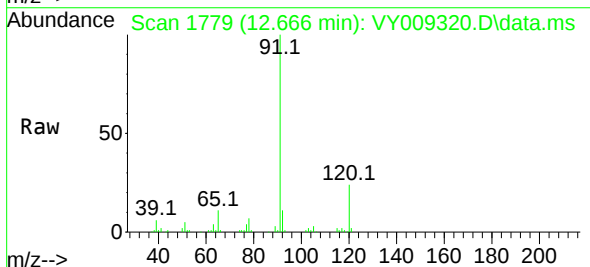
Tgt Ion:156 Resp: 1138
Ion Ratio Lower Upper
156 100
77 188.4 88.1 264.3
158 100.3 48.6 145.8

Manual Integrations
APPROVED

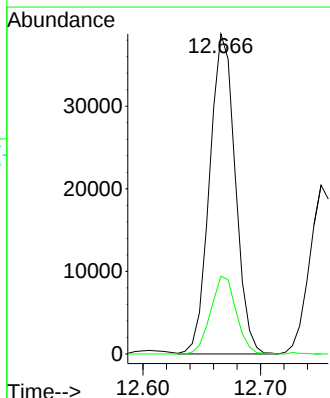
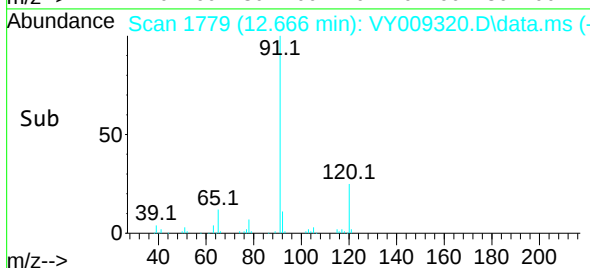
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

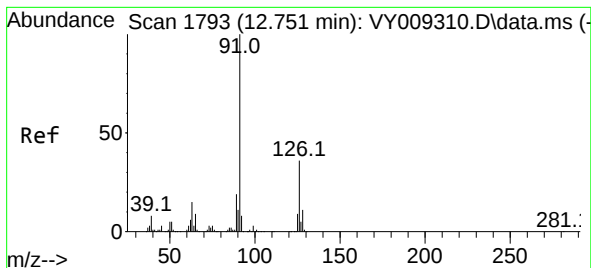


#78
n-propylbenzene
Concen: 5.393 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



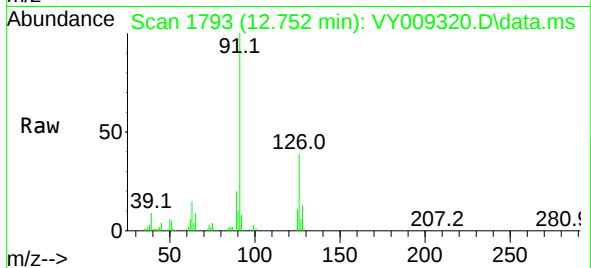
Tgt Ion: 91 Resp: 58784
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5





#79
2-Chlorotoluene
Concen: 5.332 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

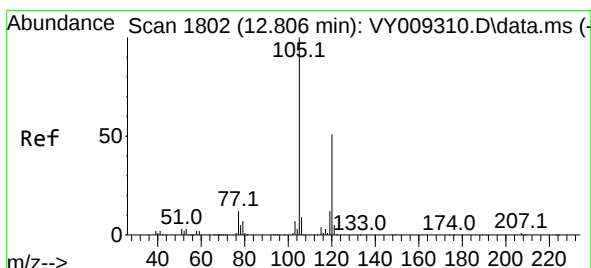
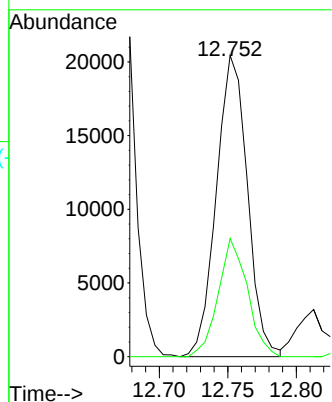
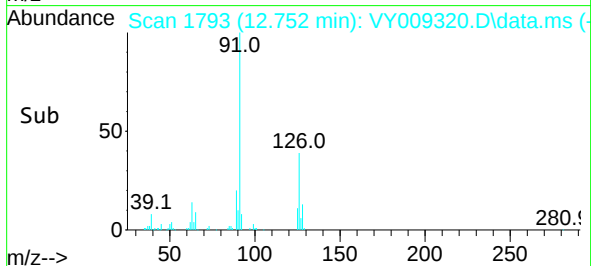
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



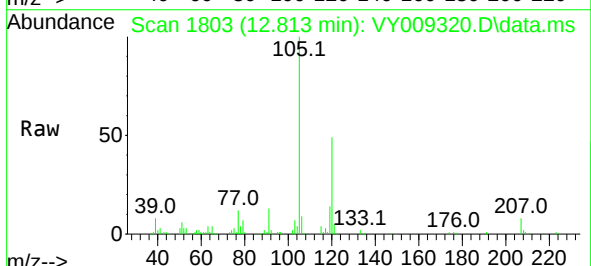
Tgt Ion: 91 Resp: 3229
Ion Ratio Lower Upper
91 100
126 36.9 17.8 53.4

Manual Integrations
APPROVED

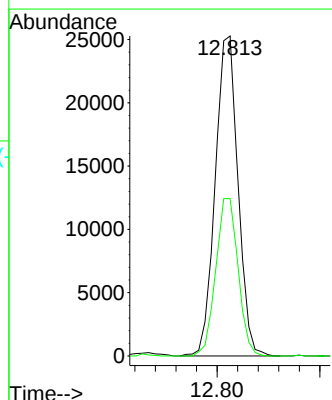
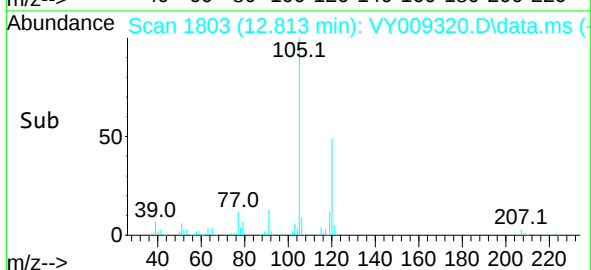
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

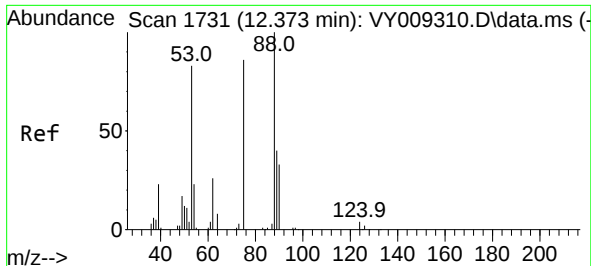


#80
1,3,5-Trimethylbenzene
Concen: 5.207 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



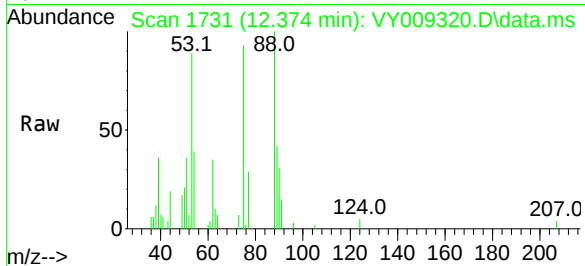
Tgt Ion:105 Resp: 38770
Ion Ratio Lower Upper
105 100
120 48.3 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 5.358 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

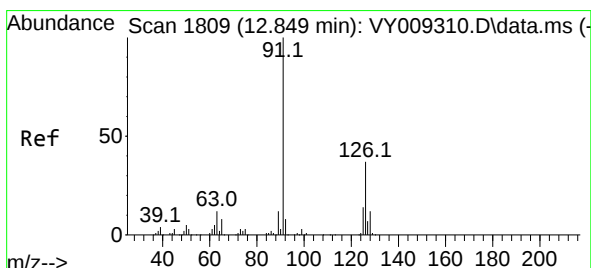
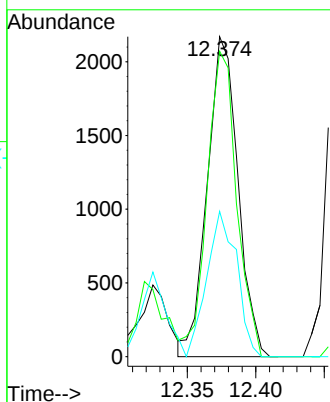
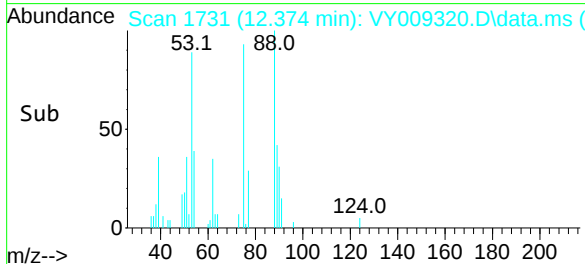
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 75 Resp: 336
Ion Ratio Lower Upper
75 100
53 92.5 71.4 107.2
89 44.3 38.1 57.1

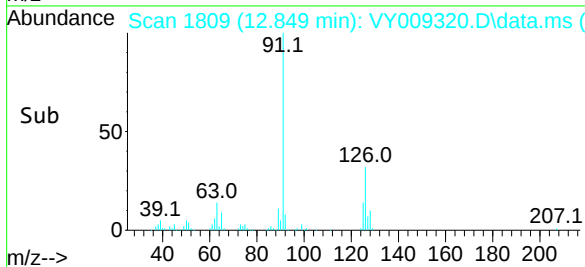
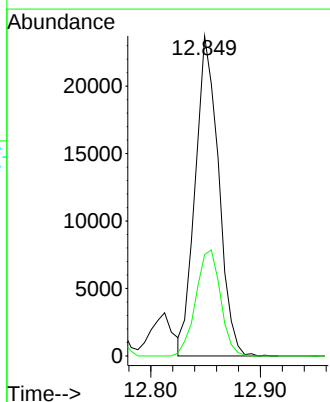
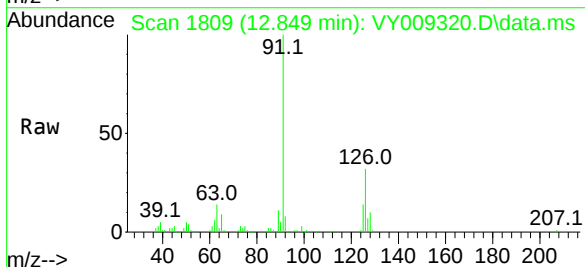
Manual Integrations
APPROVED

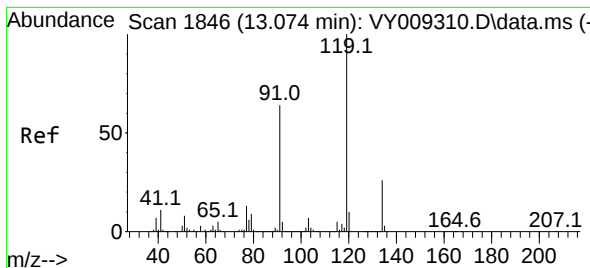
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#82
4-Chlorotoluene
Concen: 5.545 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Tgt Ion: 91 Resp: 34991
Ion Ratio Lower Upper
91 100
126 35.0 18.0 54.0





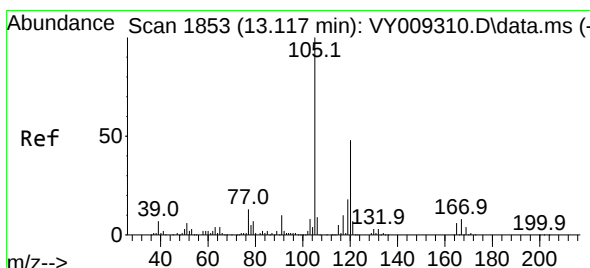
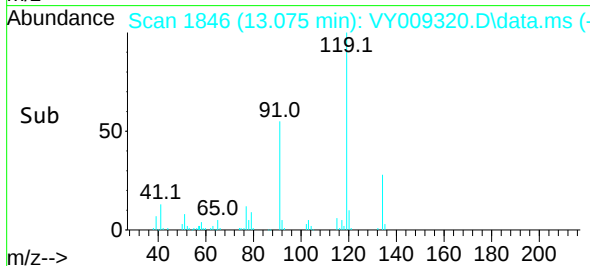
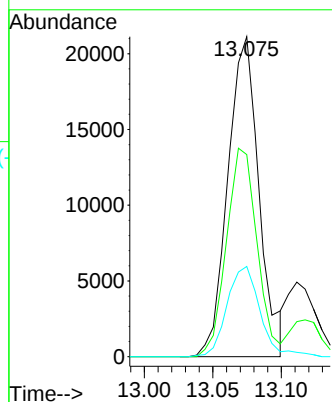
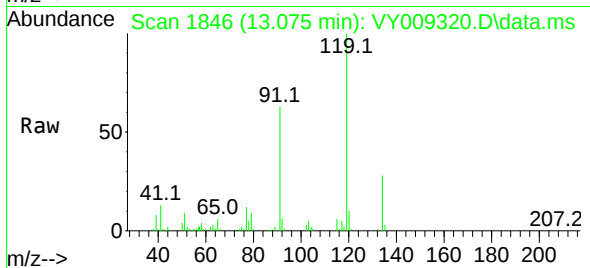
#83
tert-Butylbenzene
Concen: 5.141 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion:119 Resp: 33468
Ion Ratio Lower Upper
119 100
91 64.0 32.0 96.0
134 29.9 13.2 39.6

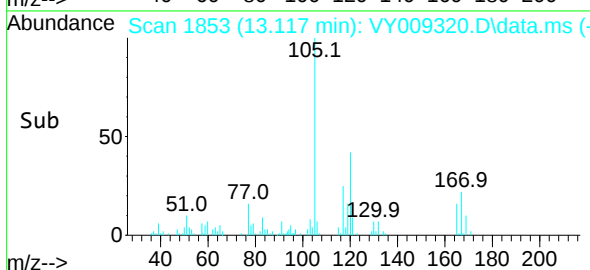
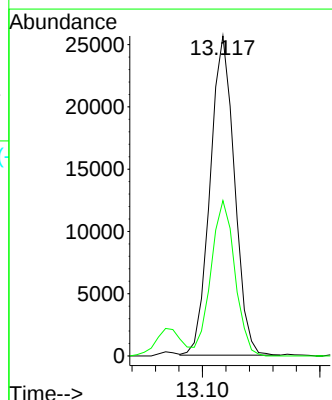
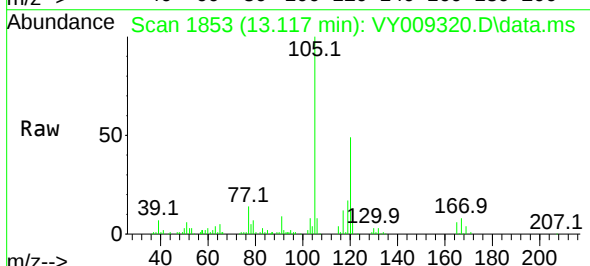
Manual Integrations
APPROVED

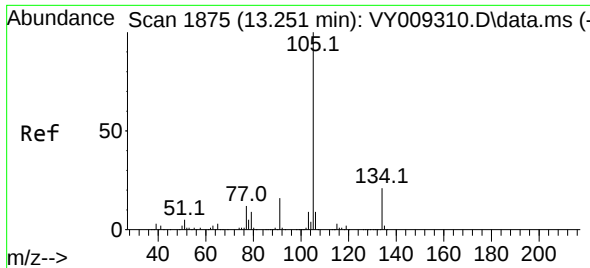
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.020 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Tgt Ion:105 Resp: 36849
Ion Ratio Lower Upper
105 100
120 47.7 23.4 70.3





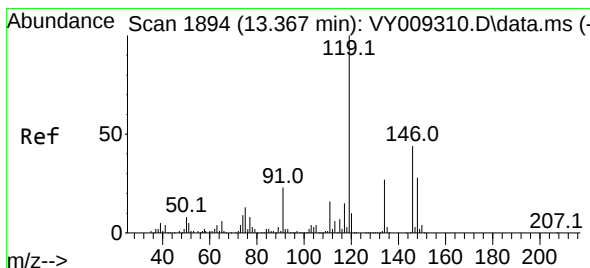
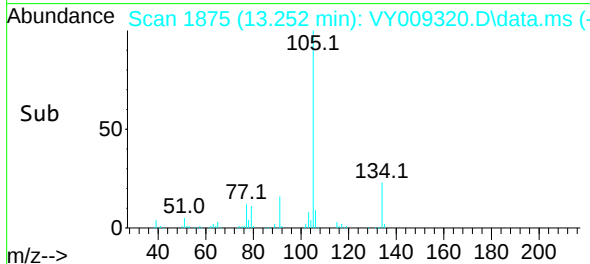
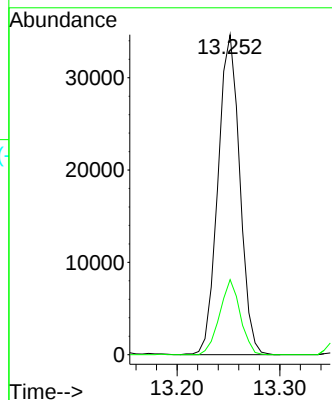
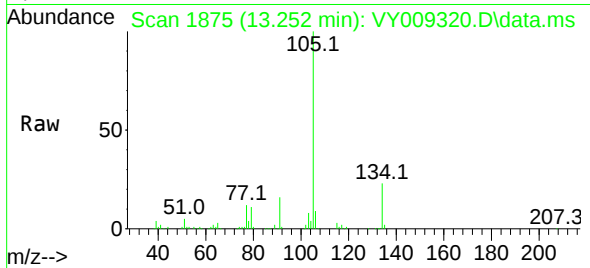
#85
 sec-Butylbenzene
 Concen: 5.285 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009320.D
 Acq: 25 Jun 2022 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Tgt Ion:105 Resp: 51030
 Ion Ratio Lower Upper
 105 100
 134 22.1 10.5 31.6

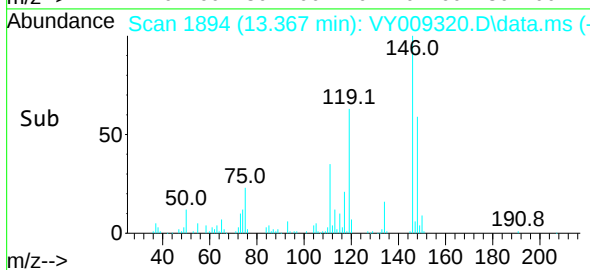
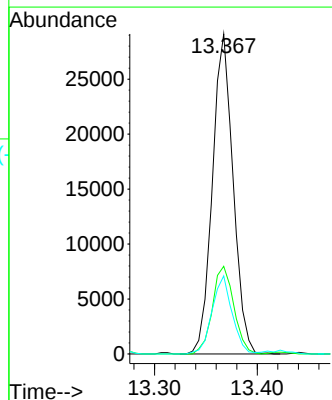
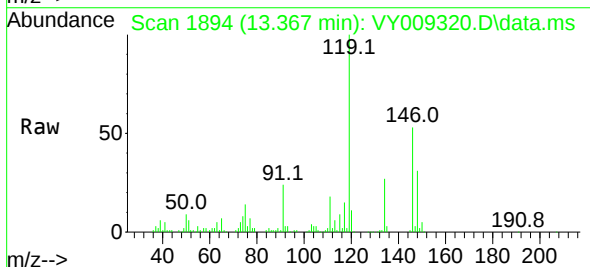
Manual Integrations
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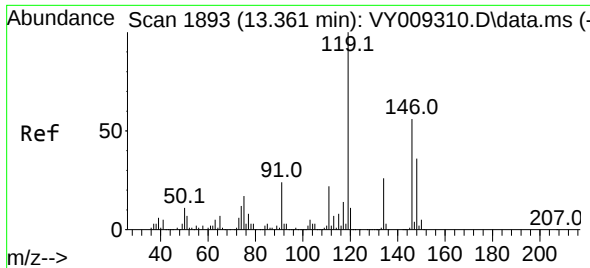
Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#86
 p-Isopropyltoluene
 Concen: 5.094 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009320.D
 Acq: 25 Jun 2022 13:46

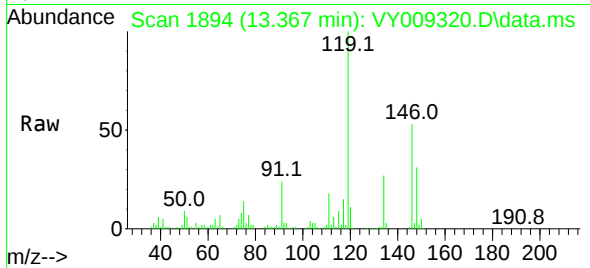
Tgt Ion:119 Resp: 40694
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.5 40.4
 91 23.7 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 5.612 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

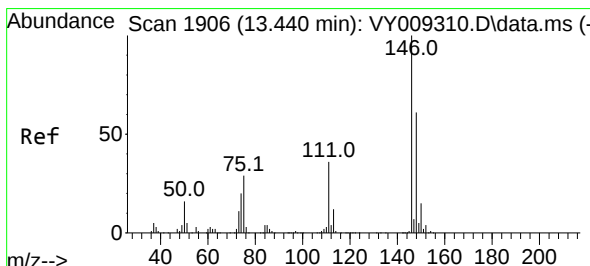
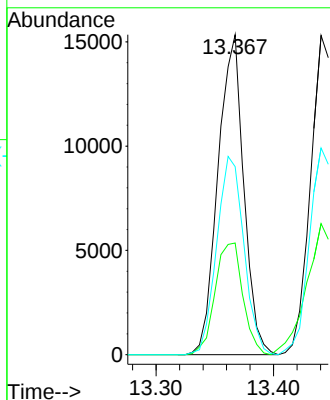
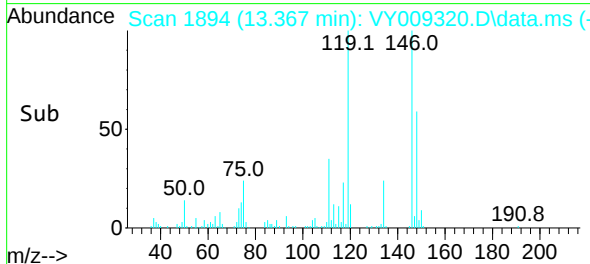
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



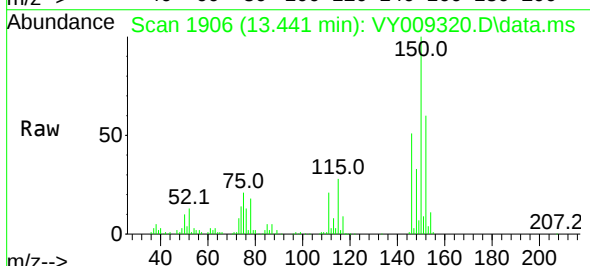
Tgt Ion:146 Resp: 23389
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.3
148 65.4 31.9 95.5

Manual Integrations
APPROVED

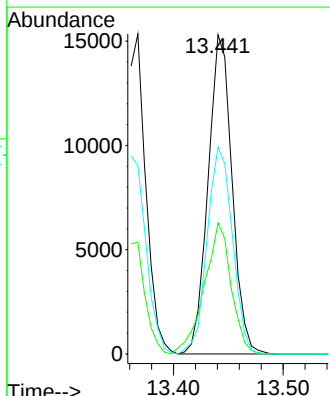
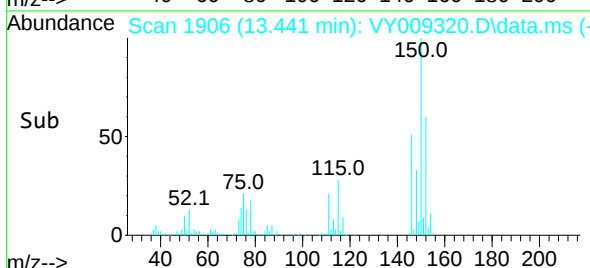
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022

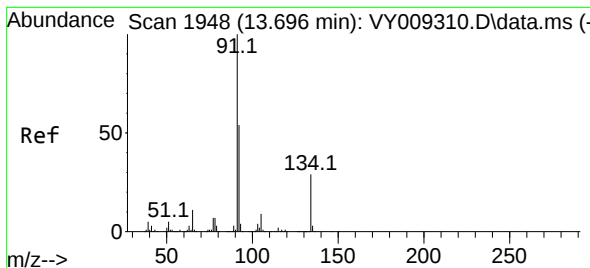


#88
1,4-Dichlorobenzene
Concen: 5.532 ug/l
RT: 13.441 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46



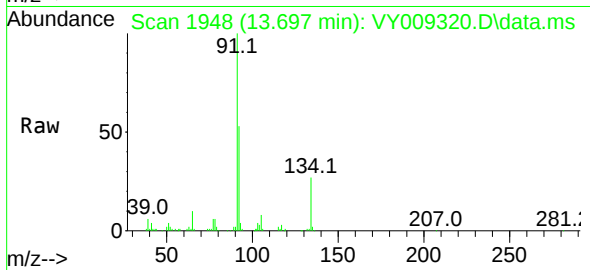
Tgt Ion:146 Resp: 23264
Ion Ratio Lower Upper
146 100
111 45.9 18.9 56.9
148 68.5 31.6 95.0





#89
n-Butylbenzene
Concen: 5.284 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

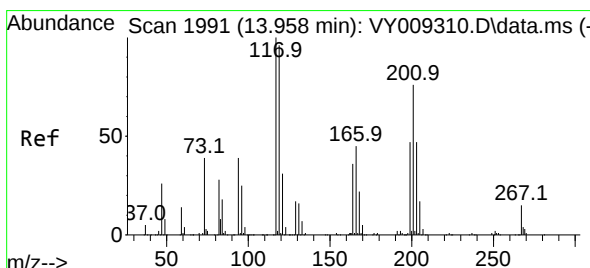
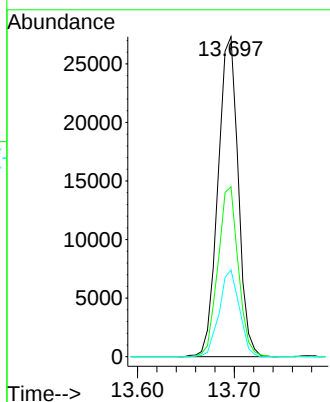
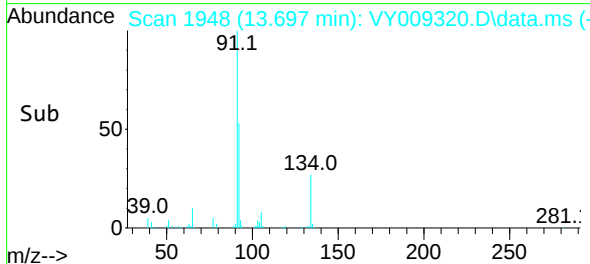
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 91 Resp: 39590
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 27.0 14.0 41.9

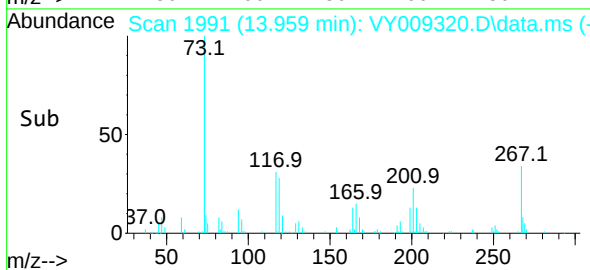
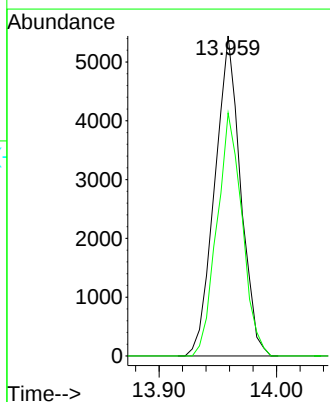
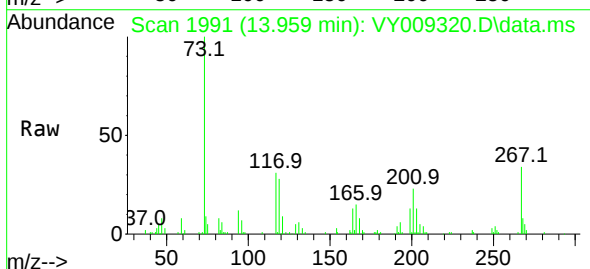
Manual Integrations
APPROVED

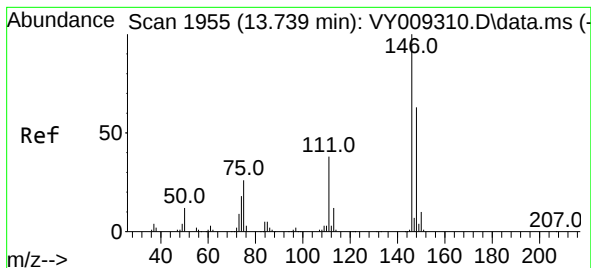
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#90
Hexachloroethane
Concen: 5.501 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Tgt Ion:117 Resp: 8317
Ion Ratio Lower Upper
117 100
201 74.1 38.8 116.3





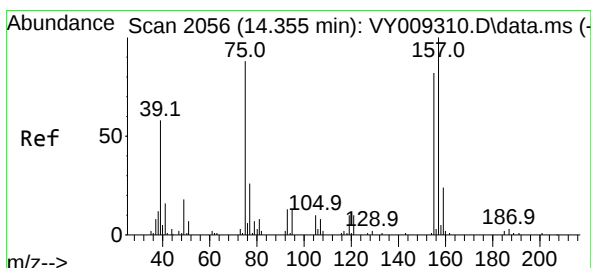
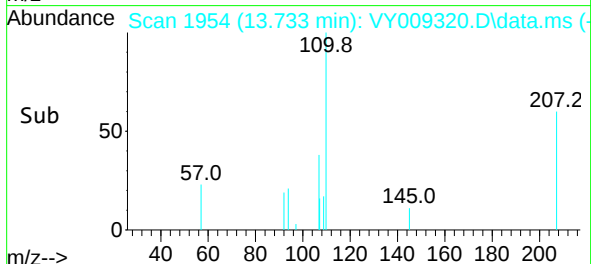
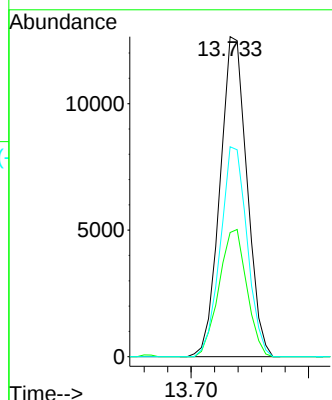
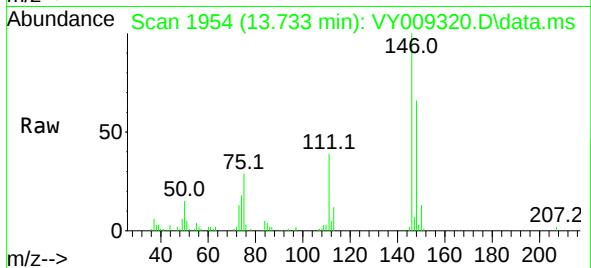
#91
1,2-Dichlorobenzene
Concen: 5.382 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion:146 Resp: 2013
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.1
148 65.2 32.1 96.5

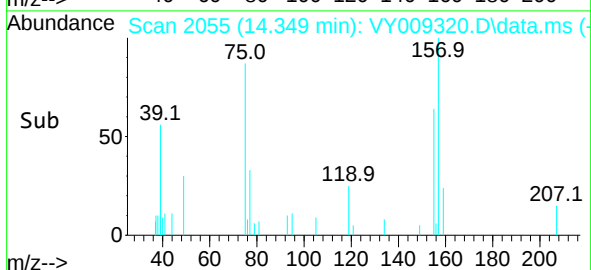
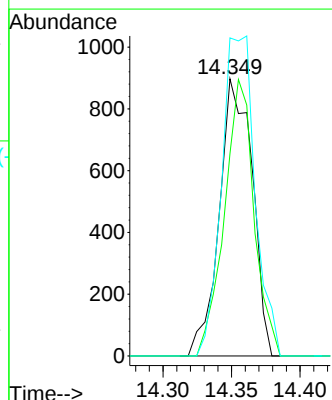
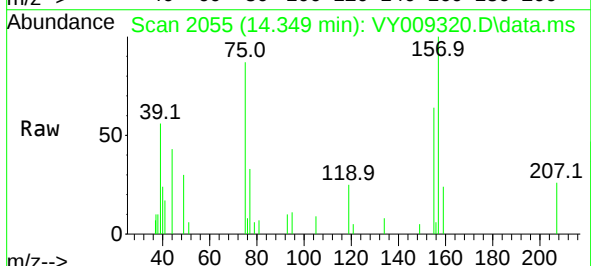
Manual Integrations
APPROVED

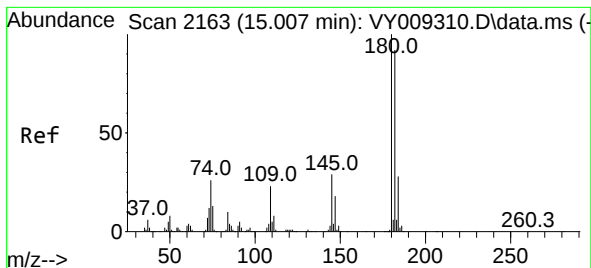
Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.204 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY009320.D
Acq: 25 Jun 2022 13:46

Tgt Ion: 75 Resp: 1498
Ion Ratio Lower Upper
75 100
155 90.1 46.4 139.1
157 117.7 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 5.062 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

Instrument :

MSVOA_Y

ClientSampleId :

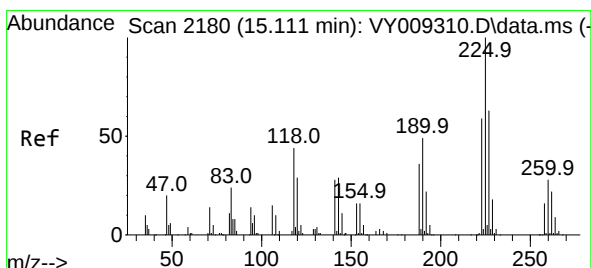
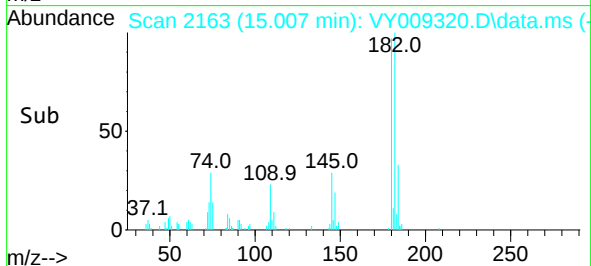
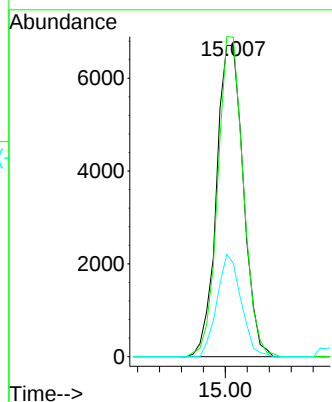
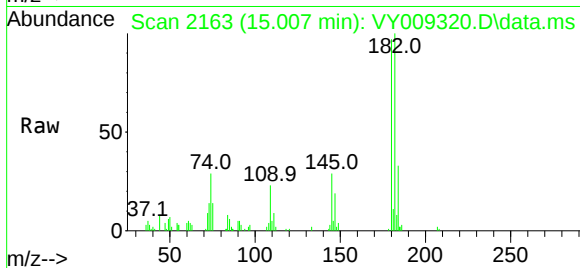
LOQ-SOIL-02-QT2-2022

Tgt Ion:180	Resp:	1139
Ion Ratio	Lower	Upper
180	100	
182	97.7	47.3 141.9
145	29.5	15.1 45.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#94

Hexachlorobutadiene

Concen: 5.437 ug/l

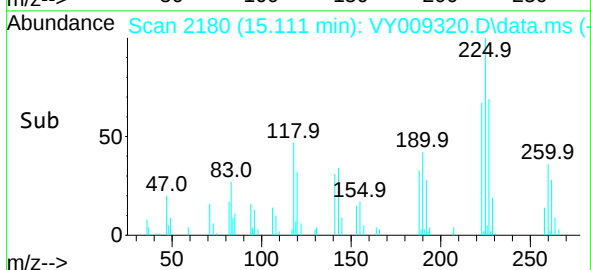
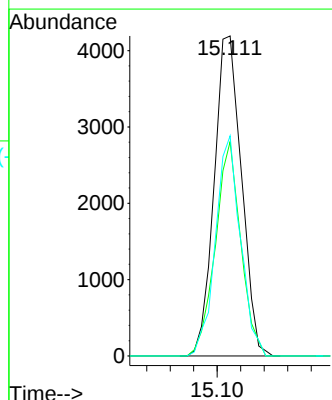
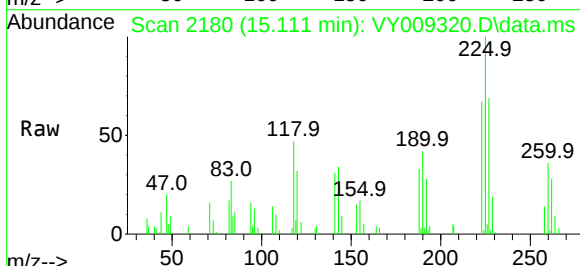
RT: 15.111 min Scan# 2180

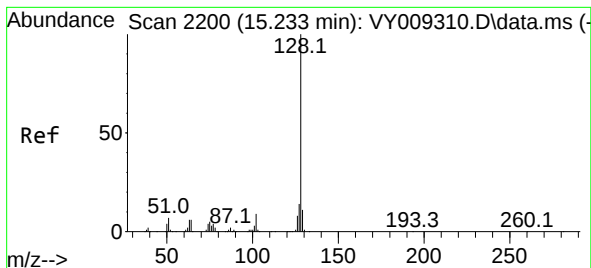
Delta R.T. 0.000 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

Tgt Ion:225	Resp:	6760
Ion Ratio	Lower	Upper
225	100	
223	62.3	30.8 92.3
227	63.0	31.9 95.5





#95

Naphthalene

Concen: 4.802 ug/l

RT: 15.233 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

Instrument :

MSVOA_Y

ClientSampleId :

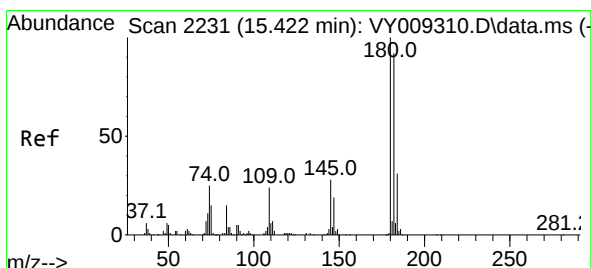
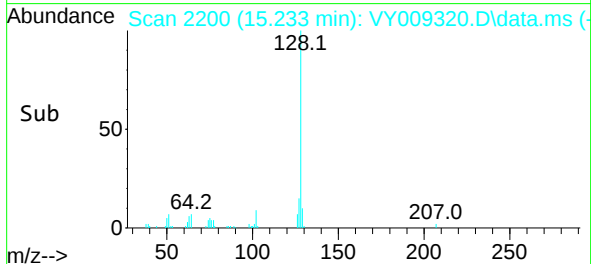
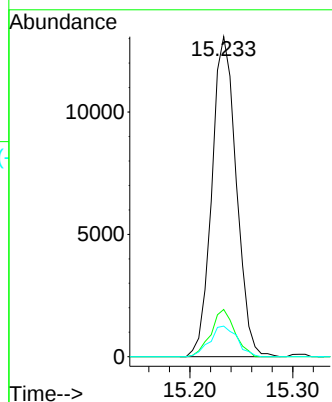
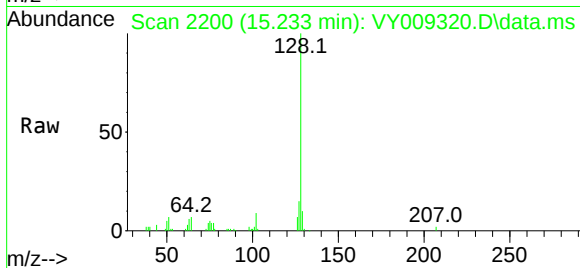
LOQ-SOIL-02-QT2-2022

Tgt Ion:	128	Resp:	2163
Ion Ratio	Lower	Upper	
128	100		
127	14.3	10.6	15.8
129	10.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
Supervised By :Mahesh Dadoda 06/30/2022



#96

1,2,3-Trichlorobenzene

Concen: 5.166 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY009320.D

Acq: 25 Jun 2022 13:46

Tgt Ion:	180	Resp:	10072
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.0	141.0
145	29.4	15.6	46.7

