

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008115.D
 Acq On : 30 Mar 2022 17:14
 Operator : SY/MD
 Sample : N1645-02 5.0ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 31 06:58:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 06:28:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	142457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	246139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5999	4.197	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	8.400%	#	
35) Dibromofluoromethane	7.722	113	6084	3.942	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	7.880%	#	
50) Toluene-d8	10.179	98	23085	3.971	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	7.940%	#	
62) 4-Bromofluorobenzene	12.483	95	9095	4.434	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	8.860%	#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	4073	3.172	ug/l	96
3) Chloromethane	2.113	50	5926	3.790	ug/l	95
4) Vinyl Chloride	2.253	62	7061	3.394	ug/l	98
5) Bromomethane	2.650	94	7083	4.154	ug/l	96
6) Chloroethane	2.796	64	5063	3.699	ug/l	97
7) Trichlorofluoromethane	3.131	101	9580	3.640	ug/l	94
8) Diethyl Ether	3.527	74	3229	3.788	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.893	101	6231	3.816	ug/l	89
10) Methyl Iodide	4.094	142	4816	2.855	ug/l	90
11) Tert butyl alcohol	4.954	59	3087	20.817	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	5549	3.671	ug/l	87
13) Acrolein	3.729	56	2217	18.368	ug/l	94
14) Allyl chloride	4.478	41	7277	3.659	ug/l #	90
15) Acrylonitrile	5.161	53	8177	20.141	ug/l	96
16) Acetone	3.948	43	5806	17.772	ug/l #	88
17) Carbon Disulfide	4.192	76	14536	3.394	ug/l	96
18) Methyl Acetate	4.485	43	6470	5.887	ug/l #	80
19) Methyl tert-butyl Ether	5.216	73	16813	3.914	ug/l	99
20) Methylene Chloride	4.722	84	8897	4.639	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	6546	3.740	ug/l	86
22) Diisopropyl ether	6.124	45	16670	3.896	ug/l #	85
23) Vinyl Acetate	6.064	43	44020	16.605	ug/l #	82
24) 1,1-Dichloroethane	6.015	63	10874	3.839	ug/l	96
25) 2-Butanone	6.990	43	10073	20.262	ug/l #	74
26) 2,2-Dichloropropane	6.984	77	9926	3.700	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	7959	3.923	ug/l	82
28) Bromochloromethane	7.332	49	4321	4.704	ug/l #	68
29) Tetrahydrofuran	7.344	42	6956	21.521	ug/l #	74
30) Chloroform	7.508	83	12222	3.985	ug/l	100
31) Cyclohexane	7.789	56	12041	4.507	ug/l #	49
32) 1,1,1-Trichloroethane	7.703	97	10755	3.795	ug/l	94
36) 1,1-Dichloropropene	7.917	75	8669	3.576	ug/l	92
37) Ethyl Acetate	7.076	43	4601	4.063	ug/l #	88
38) Carbon Tetrachloride	7.899	117	9223	3.491	ug/l	94
39) Methylcyclohexane	9.179	83	11789	3.603	ug/l	88
40) Benzene	8.161	78	25365	3.658	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	2808m	4.938	ug/l	
42) 1,2-Dichloroethane	8.240	62	7413	3.811	ug/l	90
43) Isopropyl Acetate	8.277	43	8698	3.913	ug/l #	88
44) Trichloroethene	8.935	130	7279	3.630	ug/l	86
45) 1,2-Dichloropropane	9.215	63	6124	3.747	ug/l	93
46) Dibromomethane	9.307	93	4054	3.773	ug/l	92
47) Bromodichloromethane	9.496	83	8833	3.595	ug/l	90
48) Methyl methacrylate	9.295	41	3739	3.797	ug/l #	79
49) 1,4-Dioxane	9.301	88	1091	76.376	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	21149	18.862	ug/l #	80
52) Toluene	10.246	92	16743	3.682	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	8891	3.530	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	10294	3.610	ug/l #	84
55) 1,1,2-Trichloroethane	10.648	97	5612	3.782	ug/l	96
56) Ethyl methacrylate	10.508	69	7007	3.620	ug/l #	80
57) 1,3-Dichloropropane	10.794	76	8904	3.667	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.782	63	17267	21.532	ug/l	90
59) 2-Hexanone	10.837	43	15238	19.422	ug/l	83
60) Dibromochloromethane	10.983	129	6270	3.475	ug/l	94
61) 1,2-Dibromoethane	11.087	107	5557	3.760	ug/l	99
64) Tetrachloroethene	10.721	164	6436	3.793	ug/l	95
65) Chlorobenzene	11.514	112	18683	3.751	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	6542	3.561	ug/l	97
67) Ethyl Benzene	11.593	91	33021	3.782	ug/l	97
68) m/p-Xylenes	11.703	106	25618	7.379	ug/l	92
69) o-Xylene	12.032	106	12490	3.758	ug/l	91
70) Styrene	12.044	104	19535	3.590	ug/l	97
71) Bromoform	12.203	173	3504	3.159	ug/l #	98
73) Isopropylbenzene	12.331	105	32076	3.802	ug/l	97
74) N-amyl acetate	12.148	43	6870	3.704	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.587	83	7094	4.326	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	5866m	4.708	ug/l	
77) Bromobenzene	12.611	156	7620	3.937	ug/l	97
78) n-propylbenzene	12.672	91	39433	3.962	ug/l	98
79) 2-Chlorotoluene	12.757	91	22191	4.020	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	26634	3.853	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	2026	3.628	ug/l #	82
82) 4-Chlorotoluene	12.855	91	22793	4.024	ug/l	100
83) tert-Butylbenzene	13.074	119	22863	3.713	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	25921	3.851	ug/l	97
85) sec-Butylbenzene	13.257	105	35428	3.898	ug/l	100
86) p-Isopropyltoluene	13.373	119	28912	3.822	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	14654	3.819	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	14349	3.749	ug/l	91
89) n-Butylbenzene	13.696	91	27365	3.932	ug/l	98
90) Hexachloroethane	13.958	117	5268	3.594	ug/l	80
91) 1,2-Dichlorobenzene	13.739	146	13049	3.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1052	4.019	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	7460	3.687	ug/l	99
94) Hexachlorobutadiene	15.117	225	4149	3.876	ug/l	96
95) Naphthalene	15.239	128	22409	5.010	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	6805	3.887	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Mar 31 06:28:06 2022
Response via : Initial Calibration

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

Manual Integrations

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Abundance

TIC: VY008115.D\data.ms

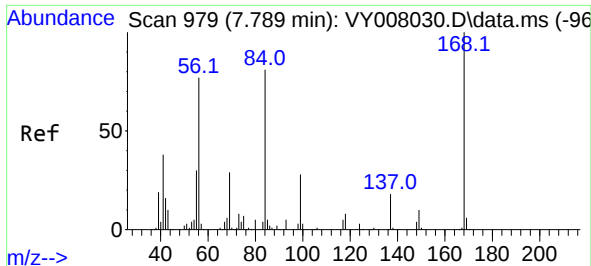
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320000
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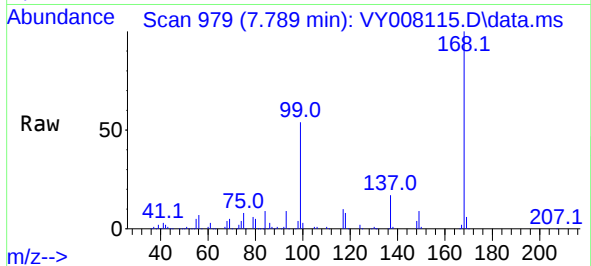
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Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
Methyl sulfide, T
Methyl acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
1,1-Dichloroethane, P
Diethyl ether, T
Ethyl acetate, T
Methyl acetate, T
Methyl chloride, T
Chloroform, C
Dichlorodifluoromethane, T
Dichloromethane, T
1,2-Dichloroethane, T
Isopropyl alcohol, T
1,2-Dichloroethane, T
Trichloroethene, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Isopentane, T
Ethyl 3-bromovalerate, T
1,1,2-Trichloroethane, T
1,3-Dibromopropane, T
1,2-Dibromopropane, T
Chlorobenzene, T
Ethyl acetate, T
Isopentane, T
Bromobenzene, T
trans-1,4-Dichlorobenzene, T
1,2-Dichlorobenzene, T
1,3-Dichlorobenzene, T
2-Chlorobenzene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobutadiene, T
1,2,3-Trichlorobenzene, T

1,4-Difluorobenzene, I
Bromobenzene, T
Chlorobenzene-d5, I
1,4-Dichlorobenzene-d4, I



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008115.D
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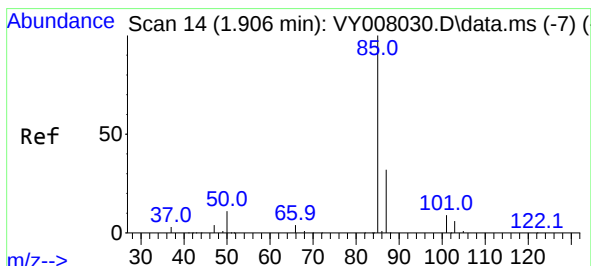
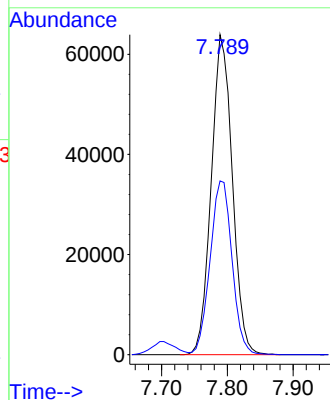
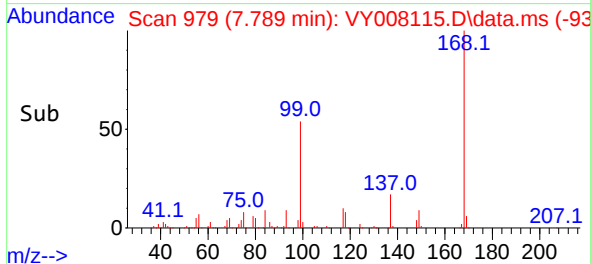
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:168 Resp: 14245
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3

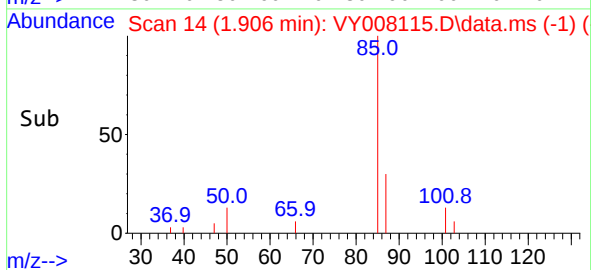
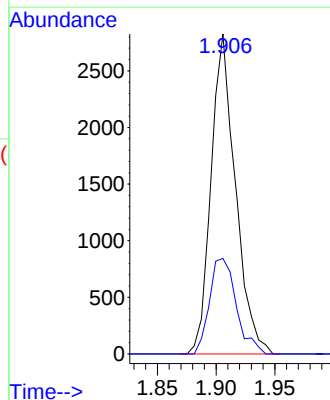
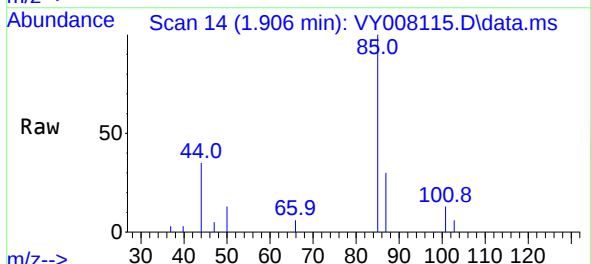
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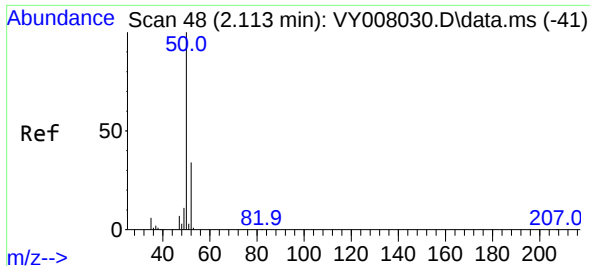
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#2
Dichlorodifluoromethane
Concen: 3.172 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

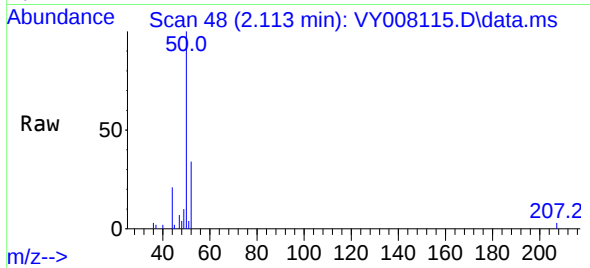
Tgt Ion: 85 Resp: 4073
Ion Ratio Lower Upper
85 100
87 29.9 16.1 48.2





#3
Chloromethane
Concen: 3.790 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

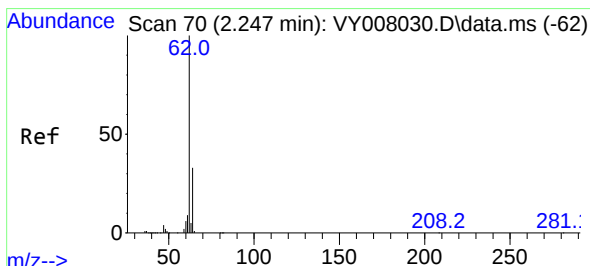
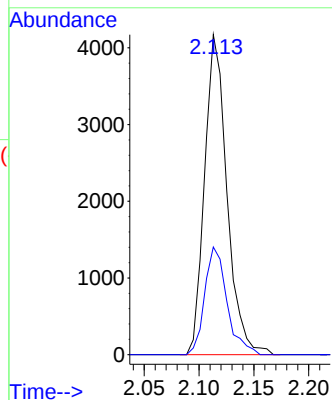
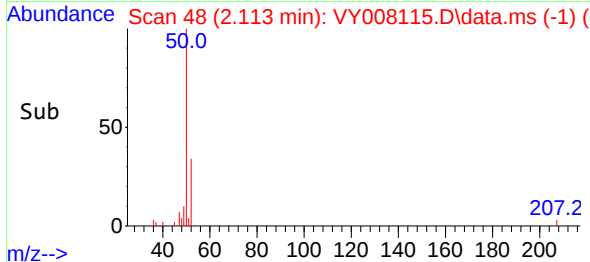
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 50 Resp: 5920
Ion Ratio Lower Upper
50 100
52 33.7 24.6 37.0

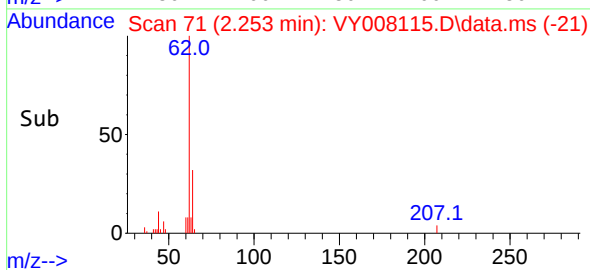
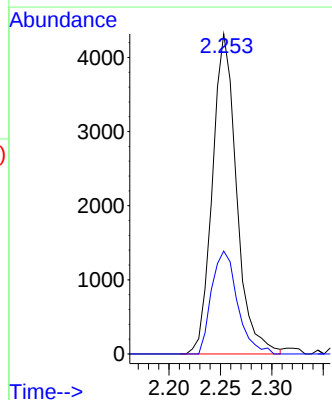
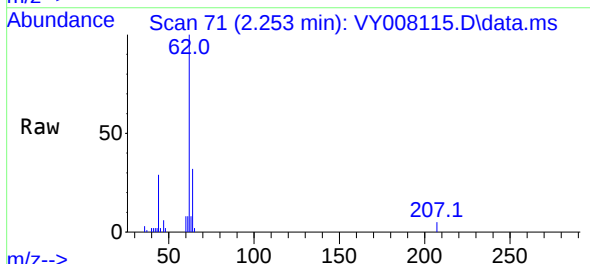
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#4
Vinyl Chloride
Concen: 3.394 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

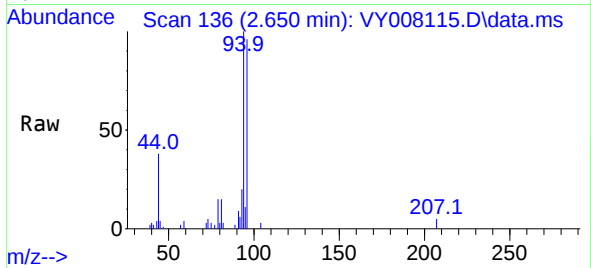
Tgt Ion: 62 Resp: 7061
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6





#5
Bromomethane
Concen: 4.154 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

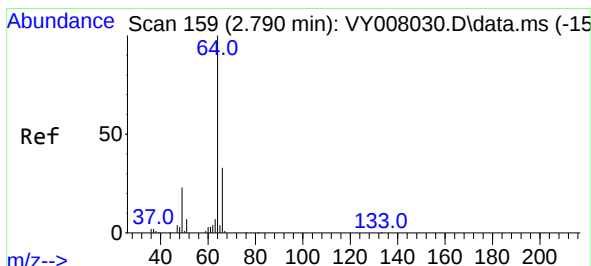
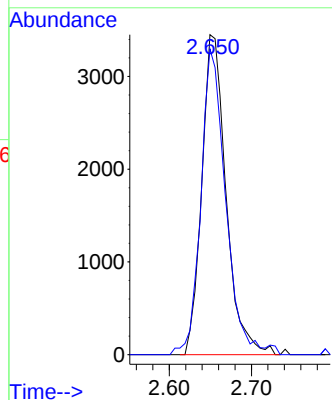
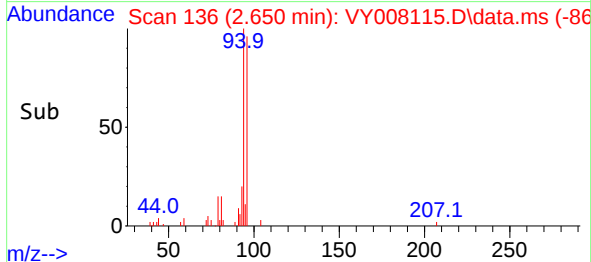
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 94 Resp: 7083
Ion Ratio Lower Upper
94 100
96 95.6 73.5 110.3

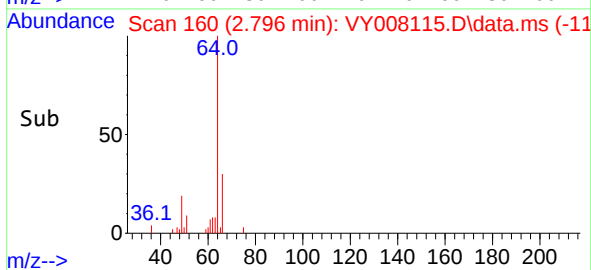
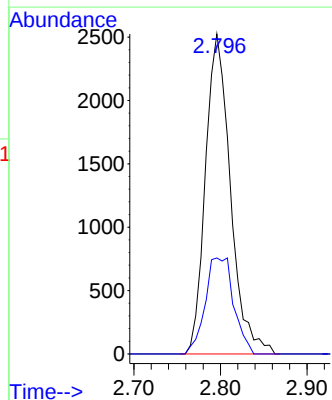
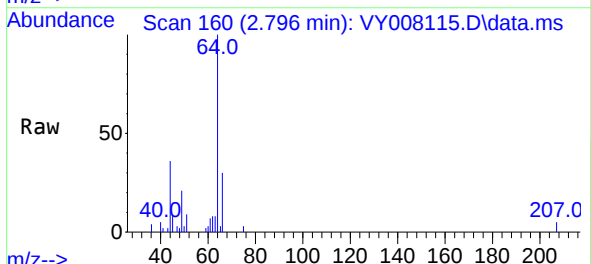
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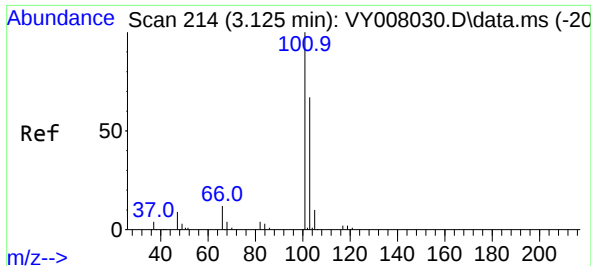
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#6
Chloroethane
Concen: 3.699 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY008115.D
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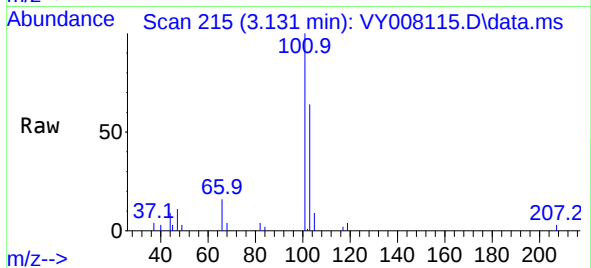
Tgt Ion: 64 Resp: 5063
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.0





#7
Trichlorofluoromethane
Concen: 3.640 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
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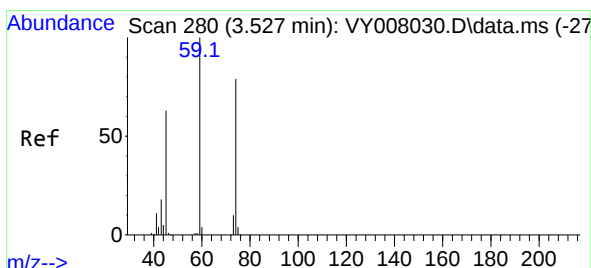
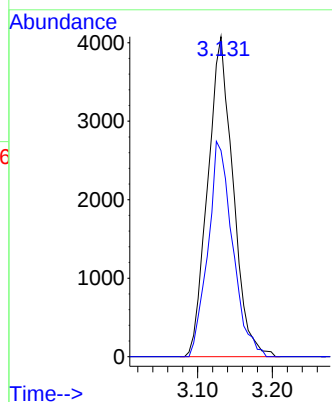
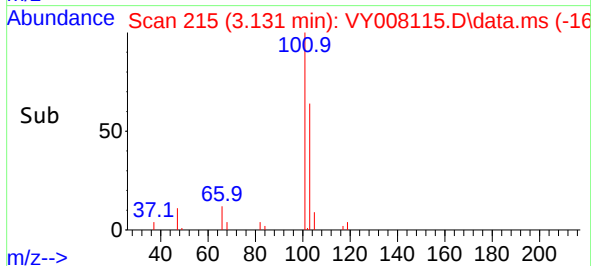
Instrument :
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Tgt Ion:101 Resp: 9580
Ion Ratio Lower Upper
101 100
103 64.4 48.0 72.0

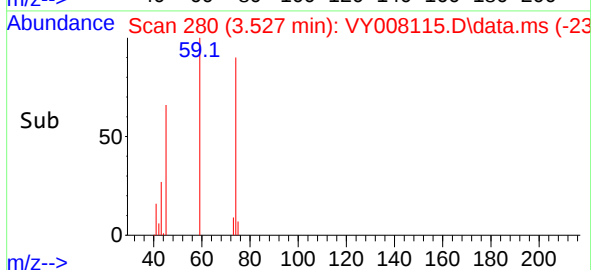
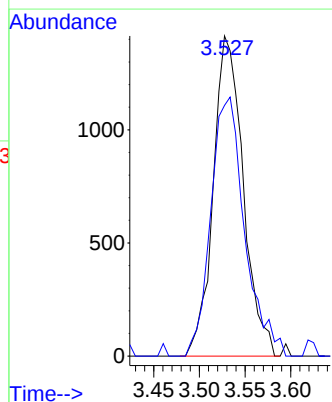
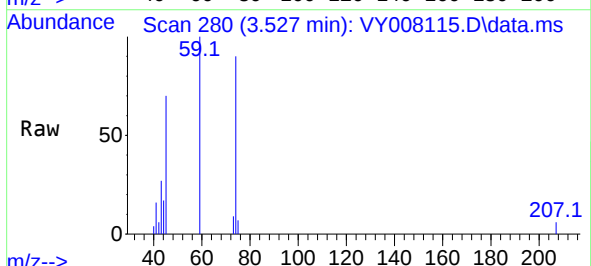
Manual Integrations
APPROVED

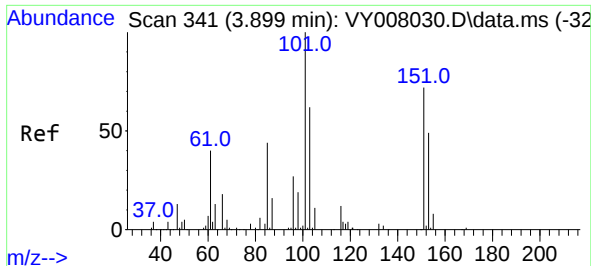
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#8
Diethyl Ether
Concen: 3.788 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 74 Resp: 3229
Ion Ratio Lower Upper
74 100
45 91.4 55.1 165.5





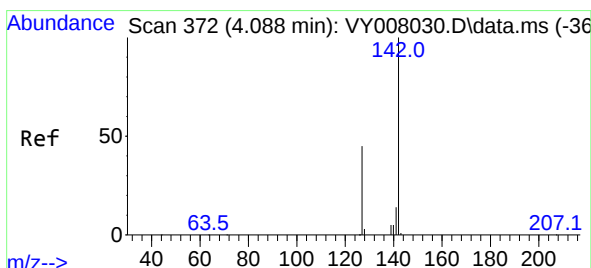
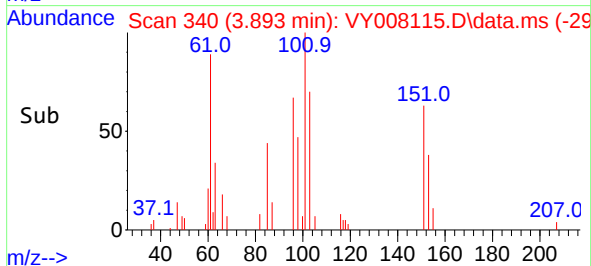
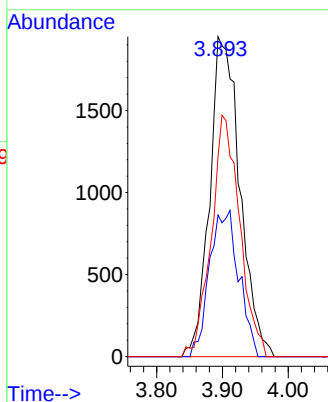
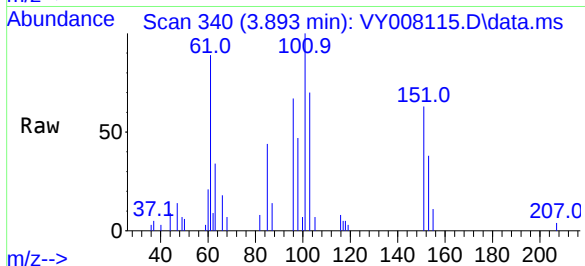
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.816 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

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

Tgt Ion:101 Resp: 623
Ion Ratio Lower Upper
101 100
85 44.3 40.6 60.8
151 70.7 64.9 97.3

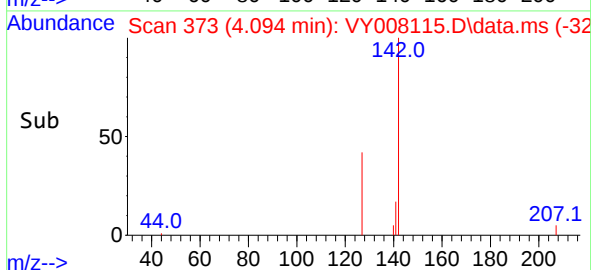
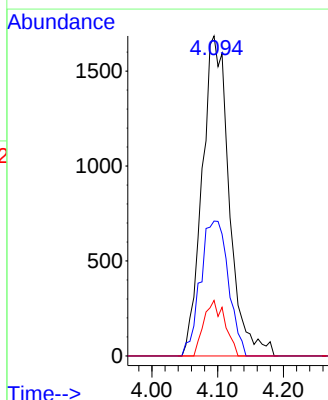
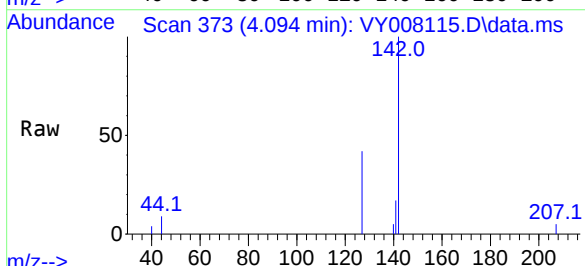
Manual Integrations
APPROVED

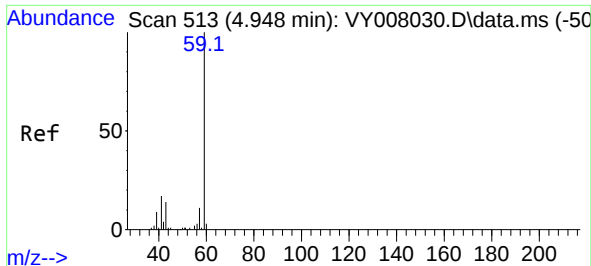
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#10
Methyl Iodide
Concen: 2.855 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

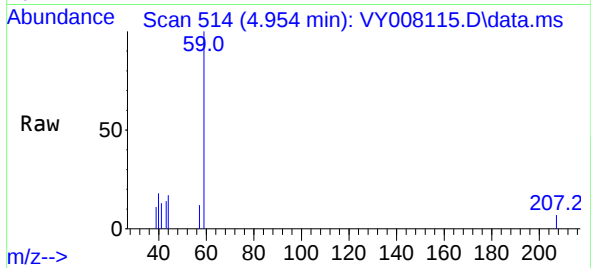
Tgt Ion:142 Resp: 4816
Ion Ratio Lower Upper
142 100
127 43.6 41.5 62.3
141 13.5 11.9 17.9





#11
Tert butyl alcohol
Concen: 20.817 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

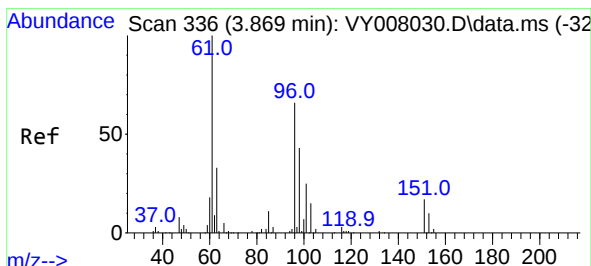
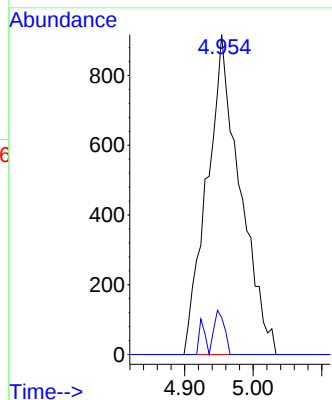
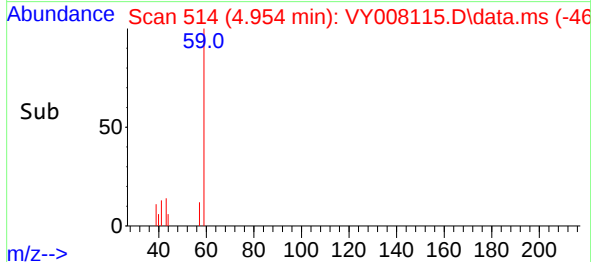
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



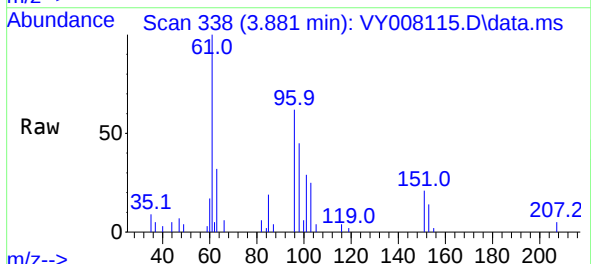
Tgt Ion: 59 Resp: 308
Ion Ratio Lower Upper
59 100
57 4.3 6.4 9.6

Manual Integrations
APPROVED

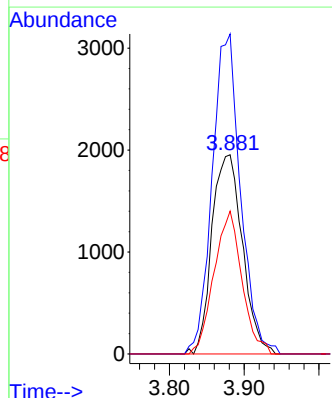
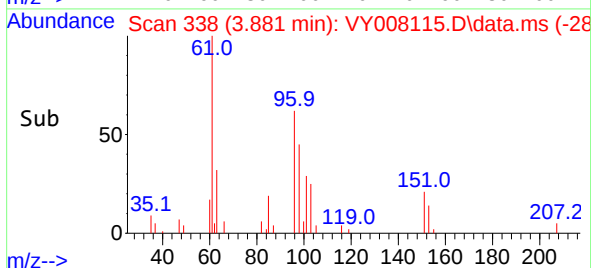
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

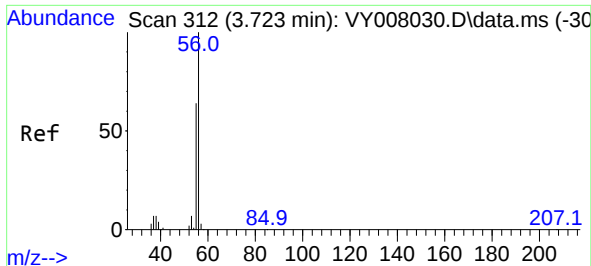


#12
1,1-Dichloroethene
Concen: 3.671 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



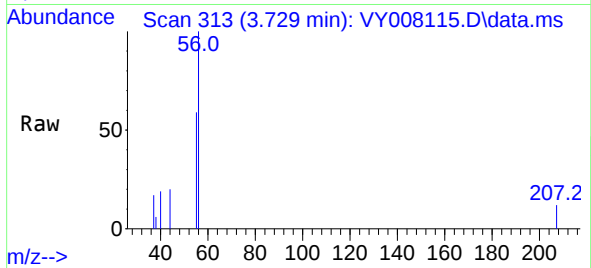
Tgt Ion: 96 Resp: 5549
Ion Ratio Lower Upper
96 100
61 160.6 145.8 218.6
98 71.8 52.5 78.7





#13
Acrolein
Concen: 18.368 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

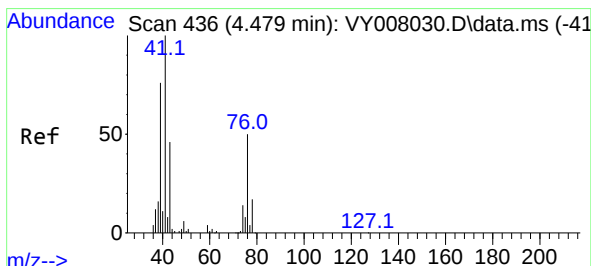
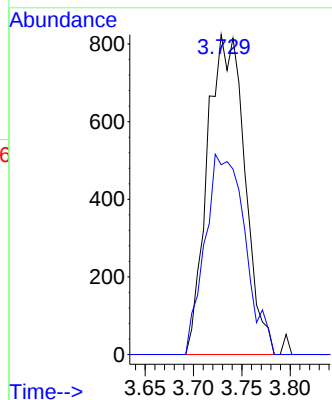
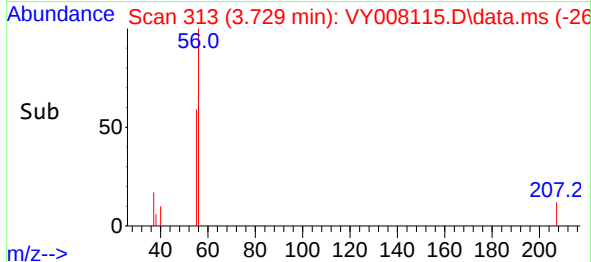
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 56 Resp: 221
Ion Ratio Lower Upper
56 100
55 66.9 57.6 86.4

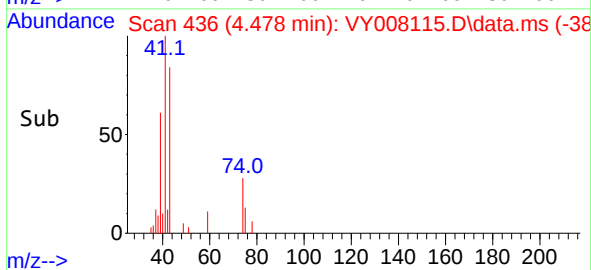
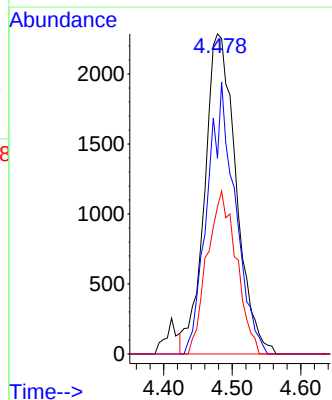
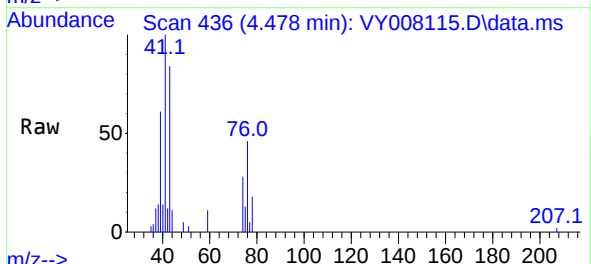
Manual Integrations
APPROVED

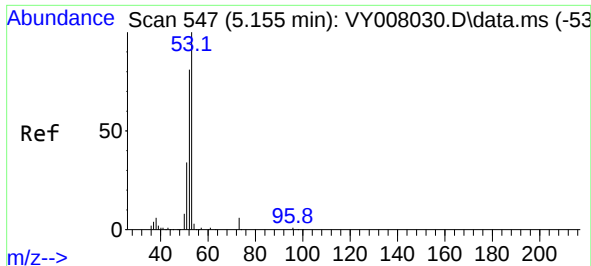
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#14
Allyl chloride
Concen: 3.659 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

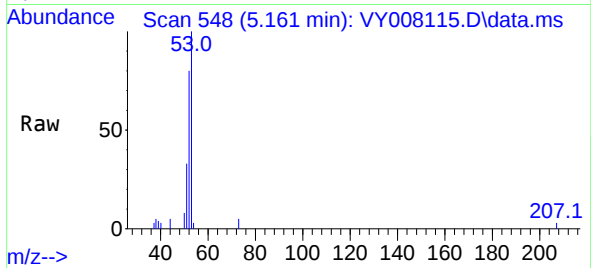
Tgt Ion: 41 Resp: 7277
Ion Ratio Lower Upper
41 100
39 75.6 58.8 88.2
76 47.5 25.1 37.7#





#15
Acrylonitrile
Concen: 20.141 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

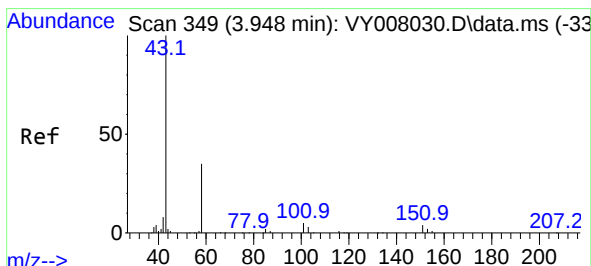
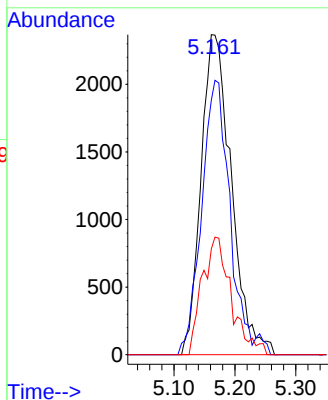
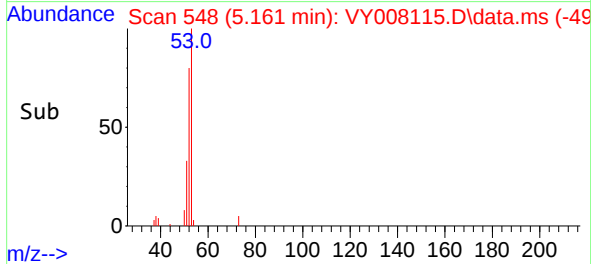
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 53 Resp: 817
Ion Ratio Lower Upper
53 100
52 79.2 67.0 100.4
51 35.2 29.8 44.6

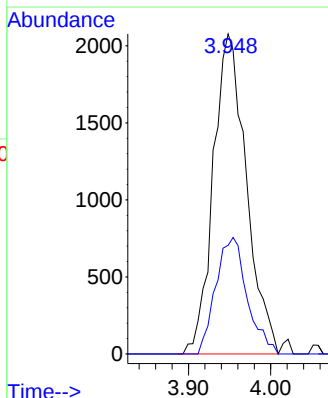
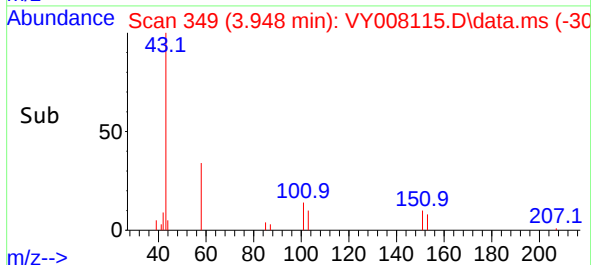
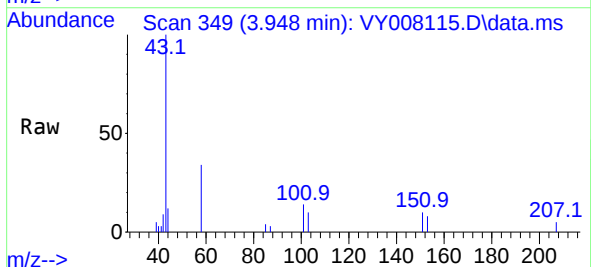
Manual Integrations
APPROVED

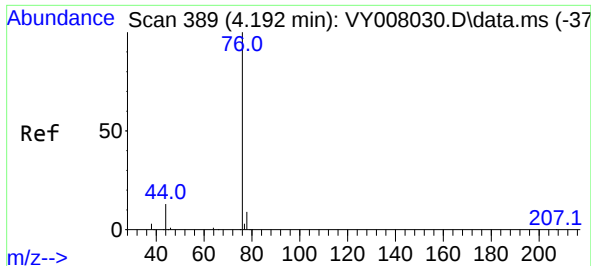
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#16
Acetone
Concen: 17.772 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

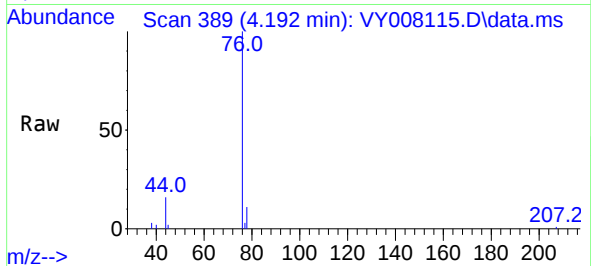
Tgt Ion: 43 Resp: 5806
Ion Ratio Lower Upper
43 100
58 33.9 22.0 33.0#





#17
Carbon Disulfide
Concen: 3.394 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

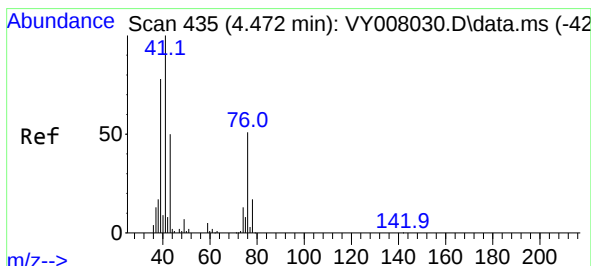
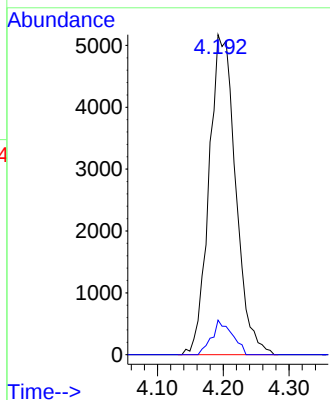
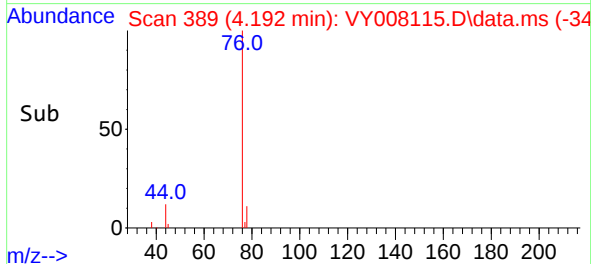
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



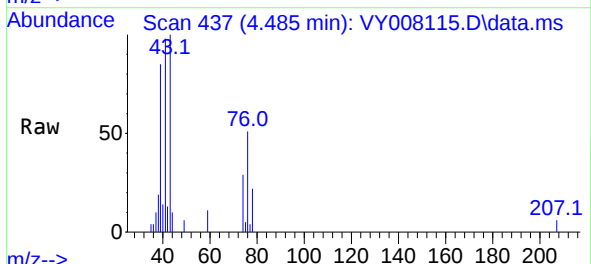
Tgt Ion: 76 Resp: 14530
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0

Manual Integrations
APPROVED

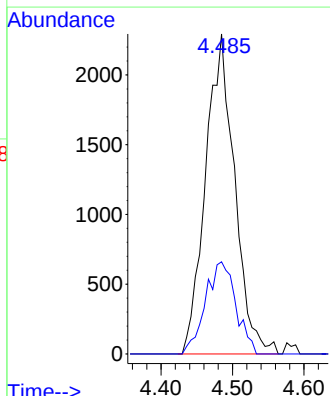
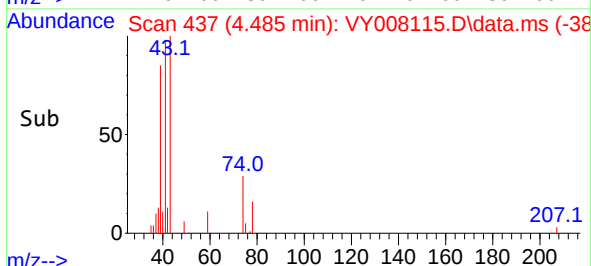
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

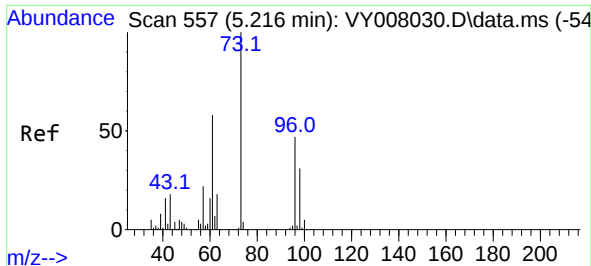


#18
Methyl Acetate
Concen: 5.887 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



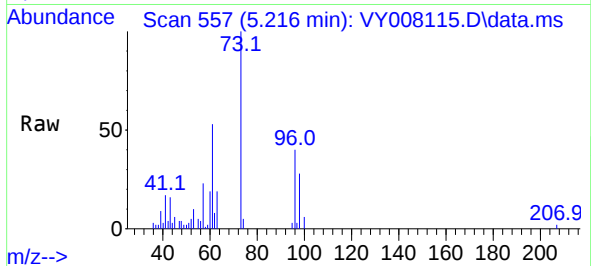
Tgt Ion: 43 Resp: 6470
Ion Ratio Lower Upper
43 100
74 30.2 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 3.914 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

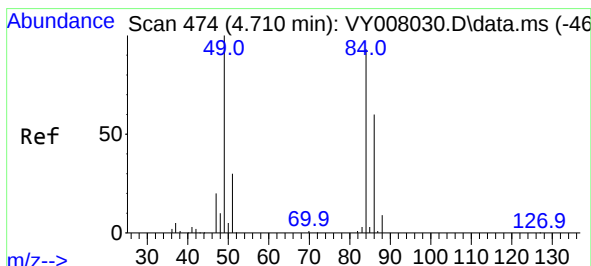
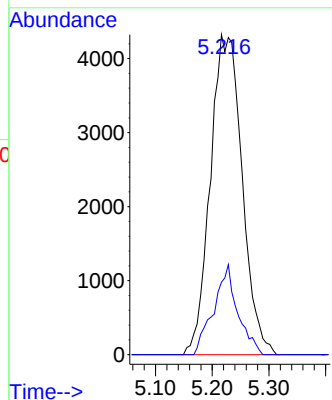
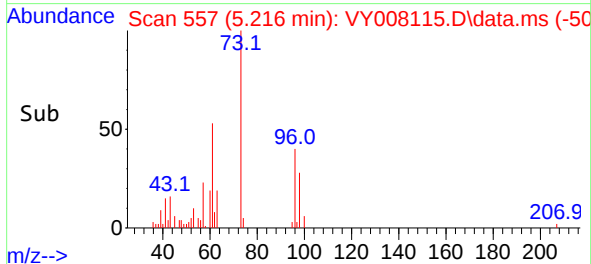
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



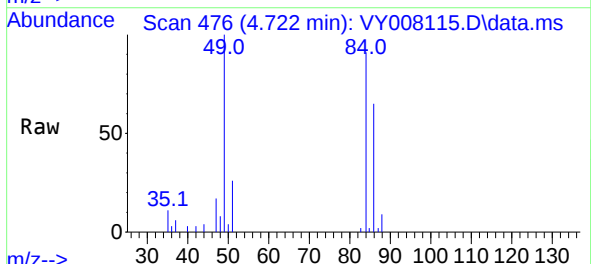
Tgt Ion: 73 Resp: 1681
Ion Ratio Lower Upper
73 100
57 22.7 18.6 27.8

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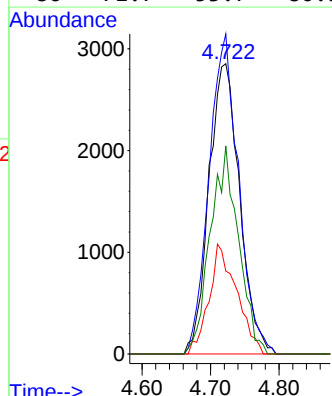
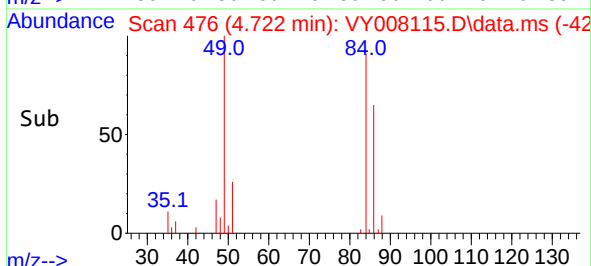
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#20
Methylene Chloride
Concen: 4.639 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



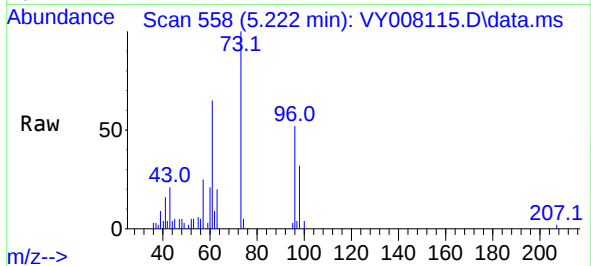
Tgt Ion: 84 Resp: 8897
Ion Ratio Lower Upper
84 100
49 110.2 114.4 171.6#
51 28.6 35.3 52.9#
86 71.7 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 3.740 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

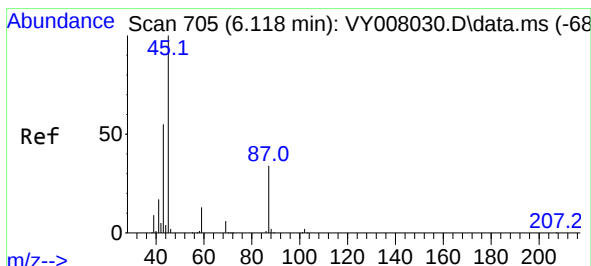
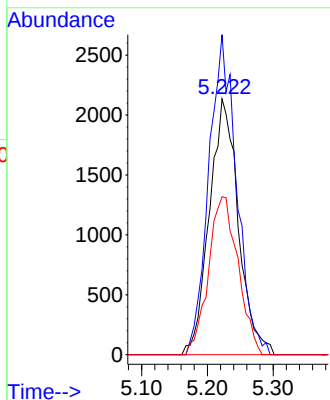
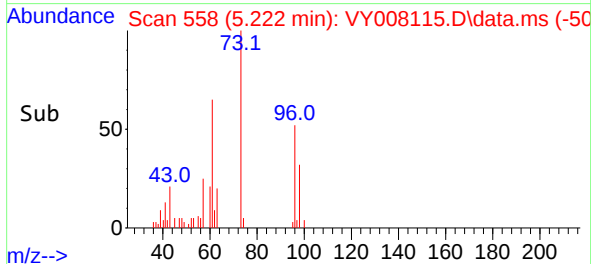
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



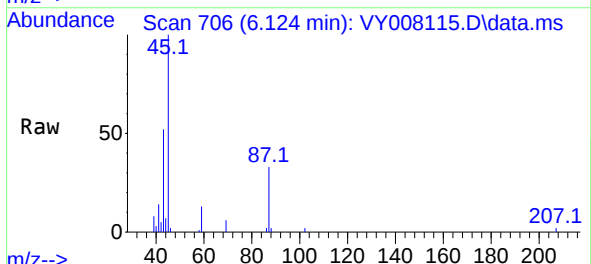
Tgt Ion: 96 Resp: 6540
Ion Ratio Lower Upper
96 100
61 125.0 120.5 180.7
98 61.7 49.8 74.8

Manual Integrations
APPROVED

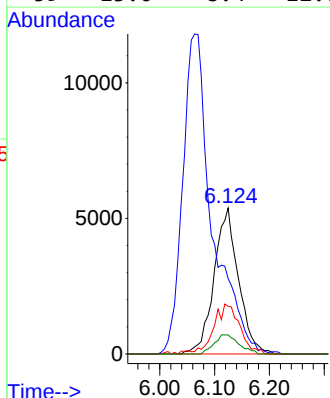
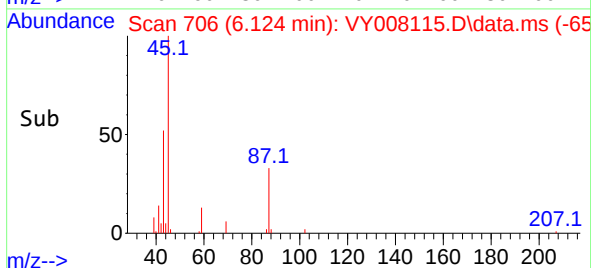
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

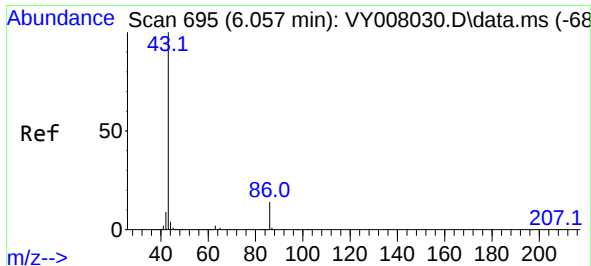


#22
Diisopropyl ether
Concen: 3.896 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



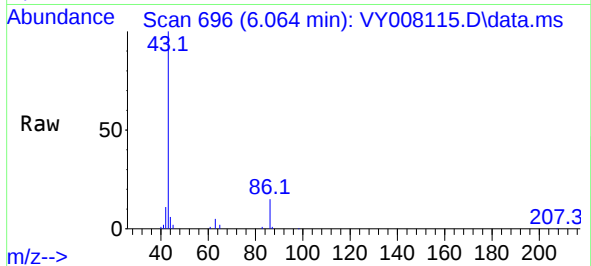
Tgt Ion: 45 Resp: 16670
Ion Ratio Lower Upper
45 100
43 50.3 49.3 73.9
87 32.6 19.2 28.8#
59 13.0 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 16.605 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.007 min
 Lab File: VY008115.D
 Acq: 30 Mar 2022 17:14

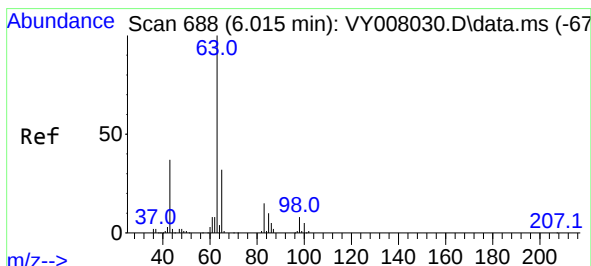
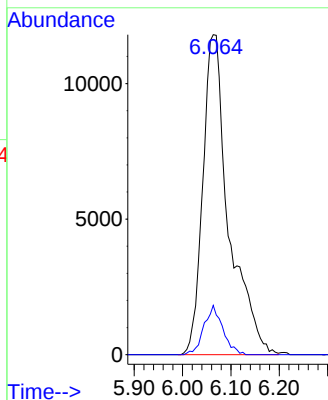
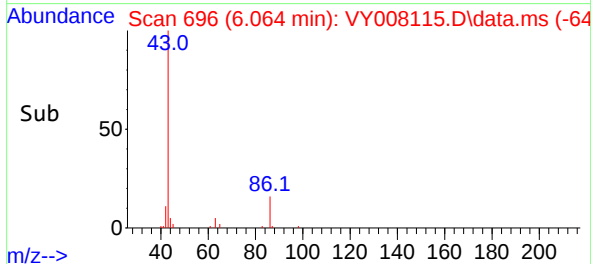
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2022



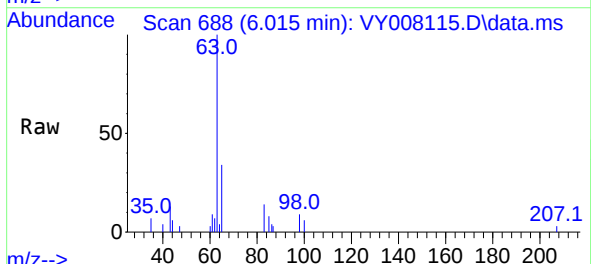
Tgt Ion: 43 Resp: 44020
 Ion Ratio Lower Upper
 43 100
 86 15.4 7.1 10.7

Manual Integrations
 APPROVED

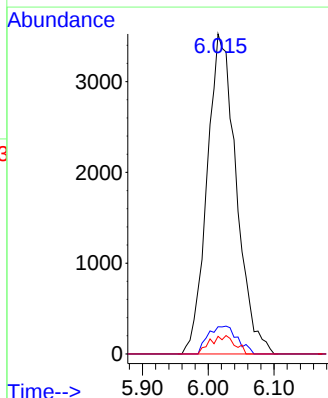
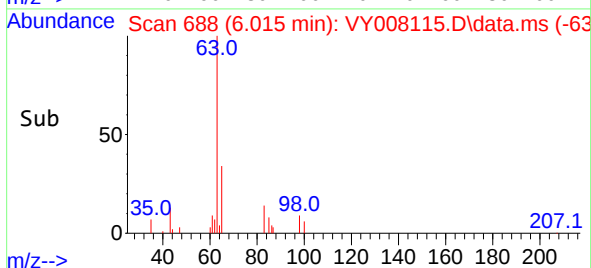
Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

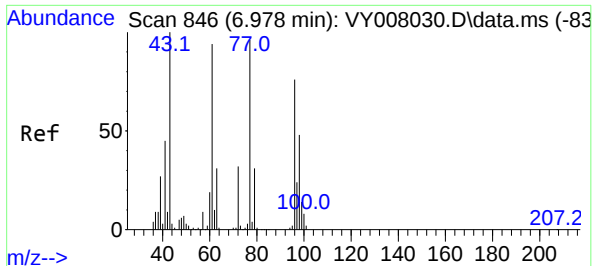


#24
 1,1-Dichloroethane
 Concen: 3.839 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008115.D
 Acq: 30 Mar 2022 17:14



Tgt Ion: 63 Resp: 10874
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 5.5 2.0 5.8





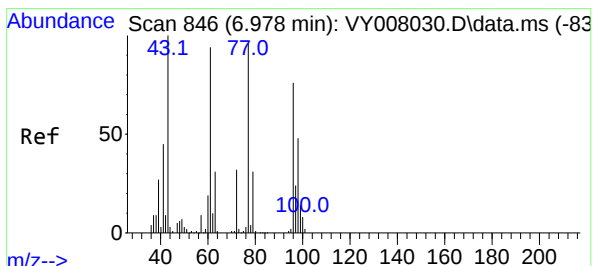
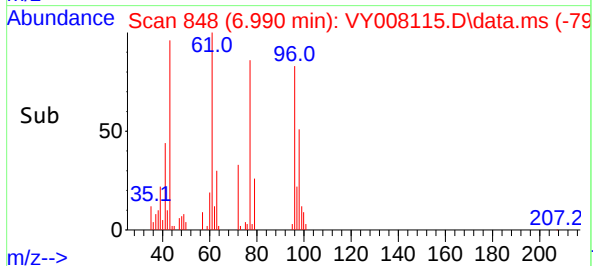
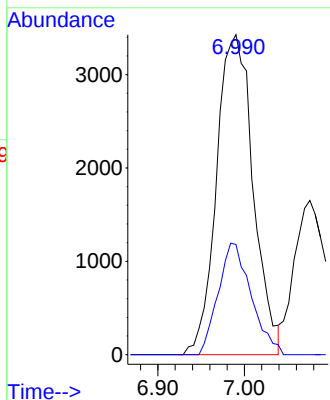
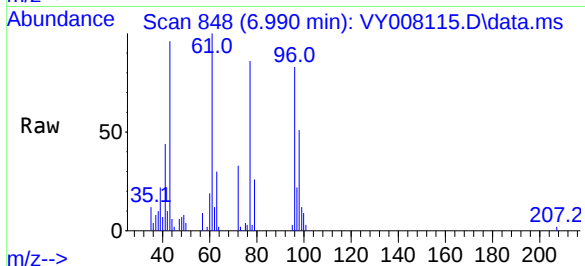
#25
2-Butanone
Concen: 20.262 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

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

Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
72 34.5 17.7 26.5

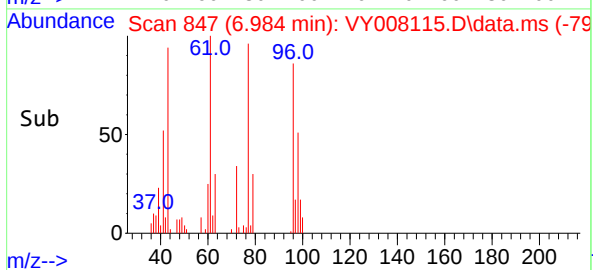
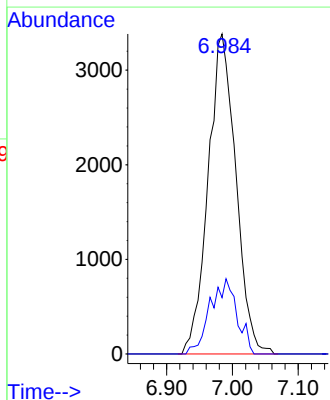
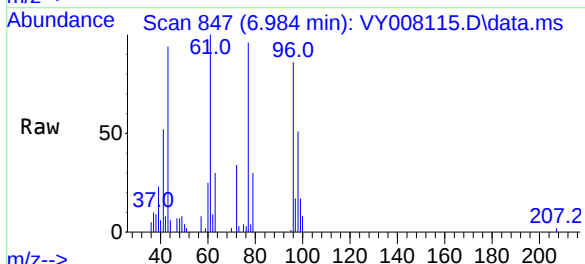
Manual Integrations
APPROVED

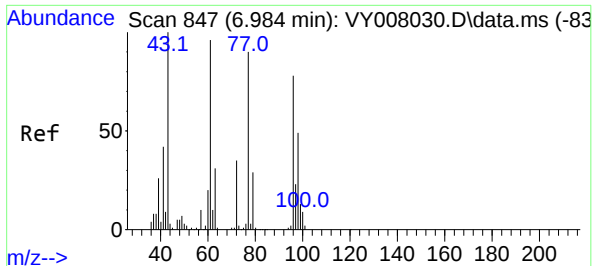
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#26
2,2-Dichloropropane
Concen: 3.700 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

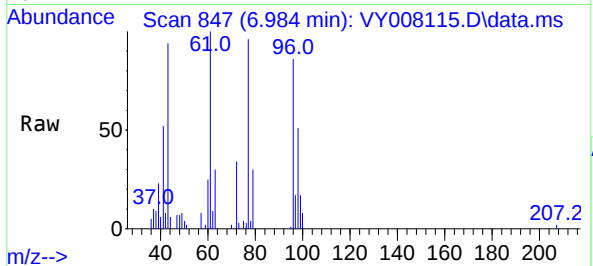
Tgt Ion: 77 Resp: 9926
Ion Ratio Lower Upper
77 100
97 22.8 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 3.923 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

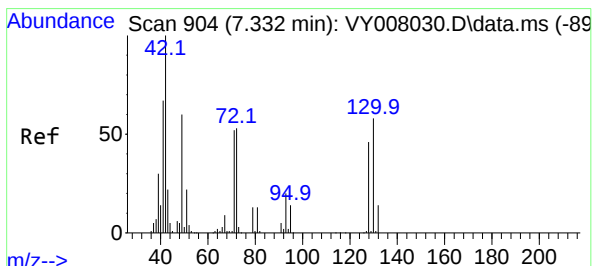
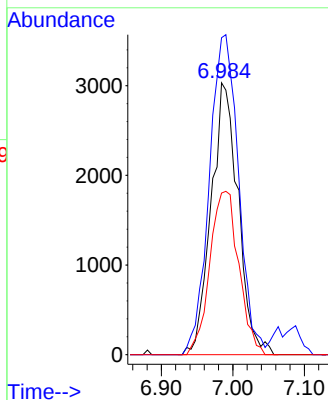
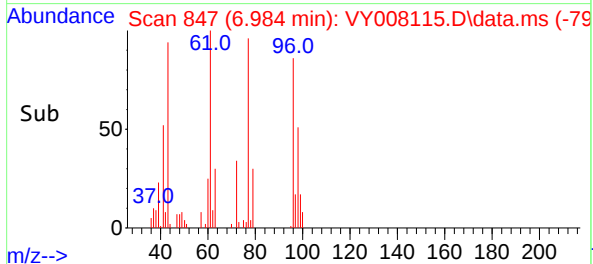
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 96 Resp: 7959
Ion Ratio Lower Upper
96 100
61 127.0 0.0 319.8
98 64.4 0.0 127.0

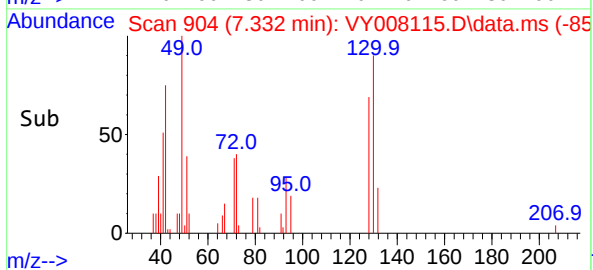
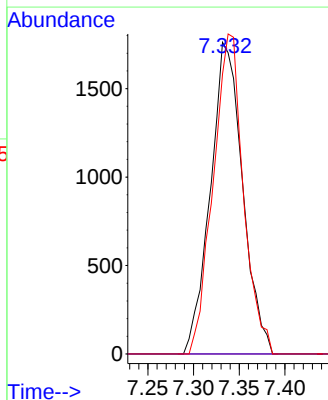
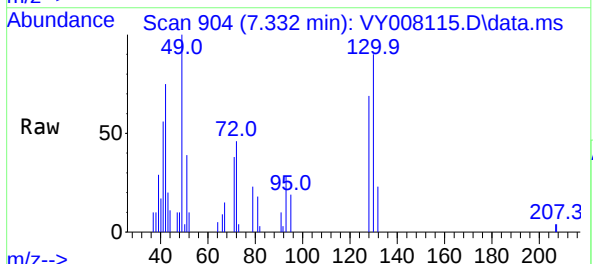
Manual Integrations
APPROVED

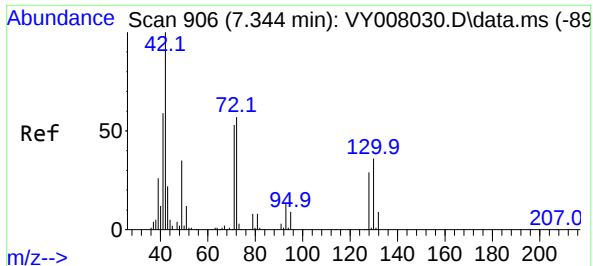
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#28
Bromochloromethane
Concen: 4.704 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

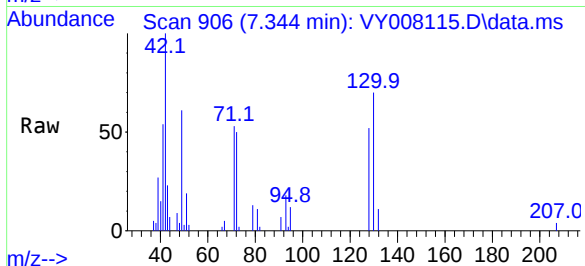
Tgt Ion: 49 Resp: 4321
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 96.1 55.4 83.0#





#29
Tetrahydrofuran
Concen: 21.521 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

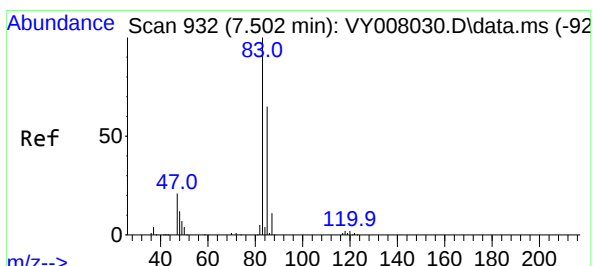
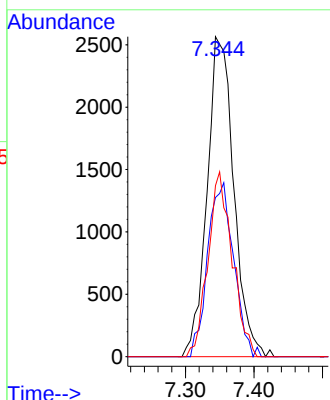
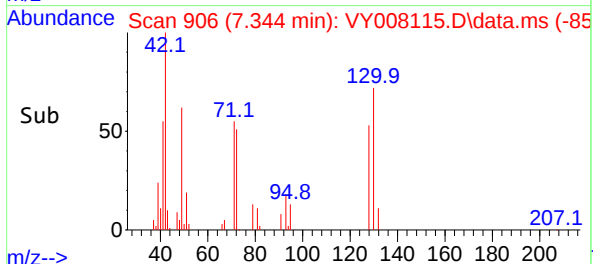
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



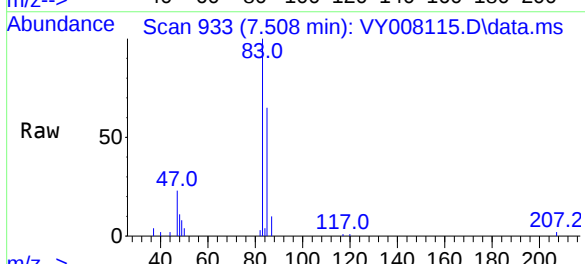
Tgt Ion: 42 Resp: 6950
Ion Ratio Lower Upper
42 100
72 53.0 30.3 45.5
71 52.5 29.0 43.4

Manual Integrations
APPROVED

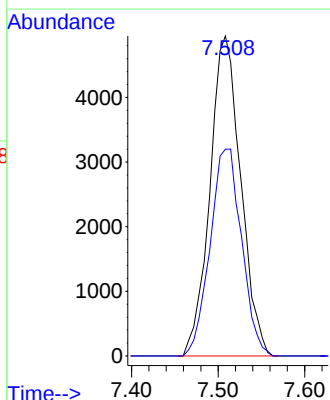
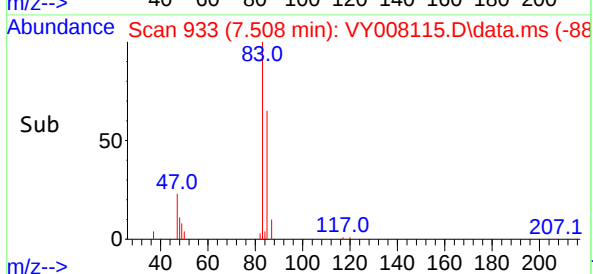
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

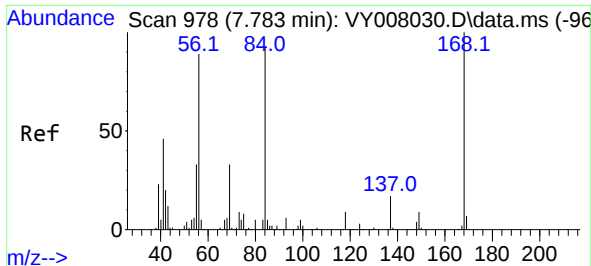


#30
Chloroform
Concen: 3.985 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



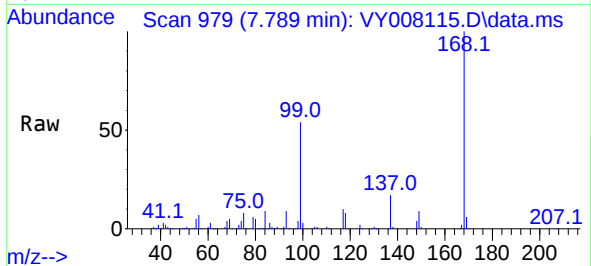
Tgt Ion: 83 Resp: 12222
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6





#31
Cyclohexane
Concen: 4.507 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

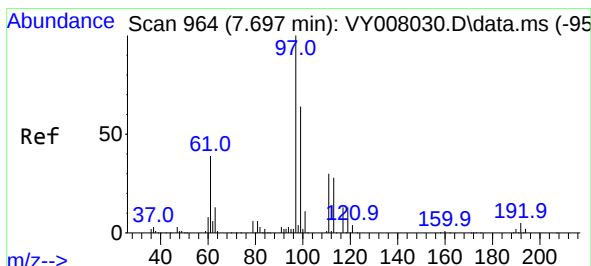
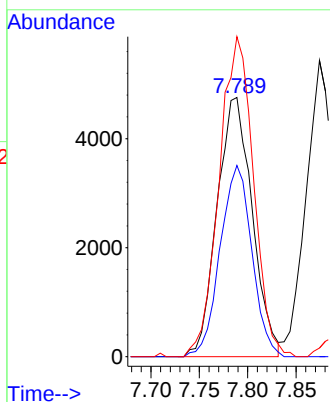
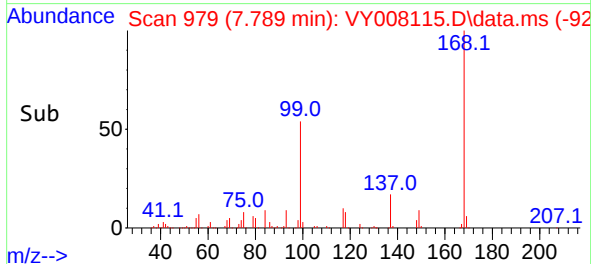
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 56 Resp: 1204
Ion Ratio Lower Upper
56 100
69 73.7 26.7 40.1
84 123.4 67.2 100.8

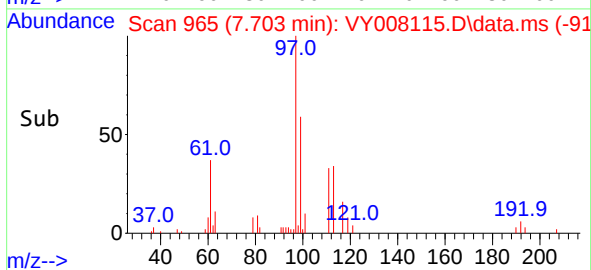
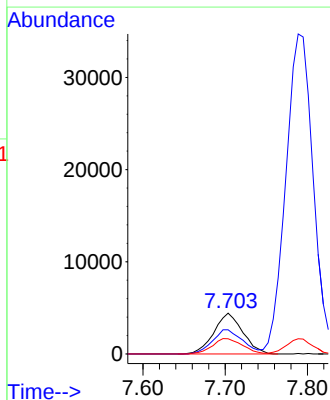
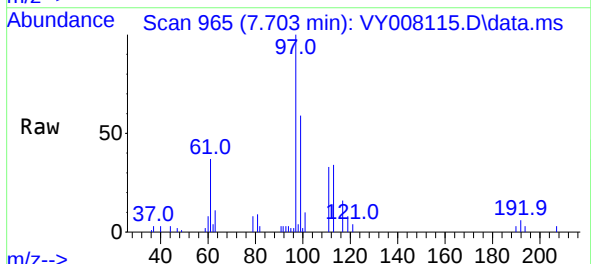
Manual Integrations
APPROVED

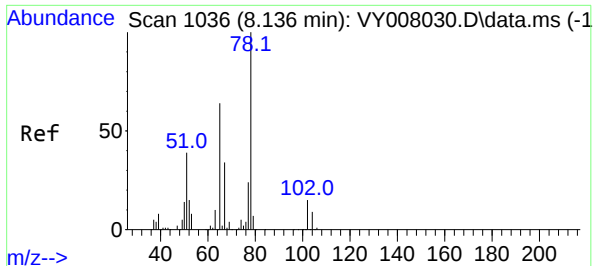
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#32
1,1,1-Trichloroethane
Concen: 3.795 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 97 Resp: 10755
Ion Ratio Lower Upper
97 100
99 61.6 50.7 76.1
61 39.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 4.197 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion: 65 Resp: 599

Ion Ratio Lower Upper

65 100

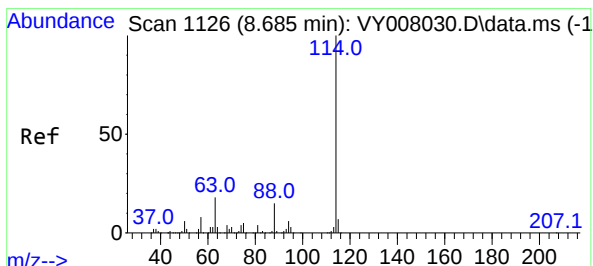
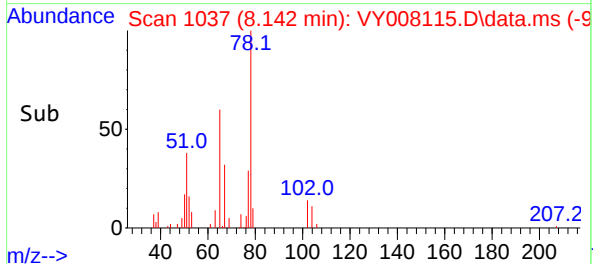
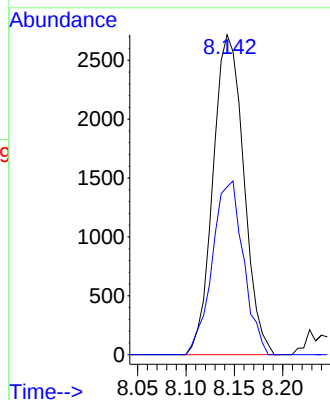
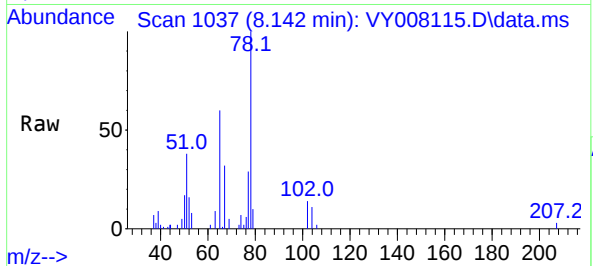
67 55.1 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022

Supervised By :Semsettin Yesilyurt 03/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

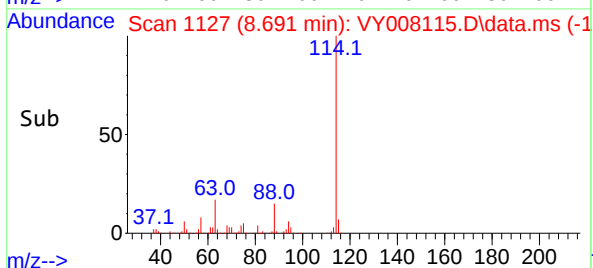
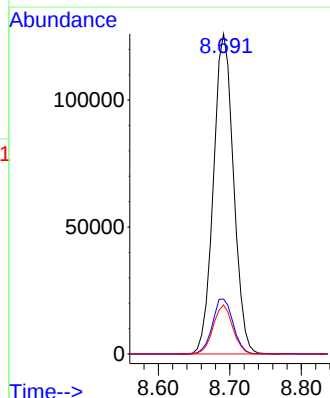
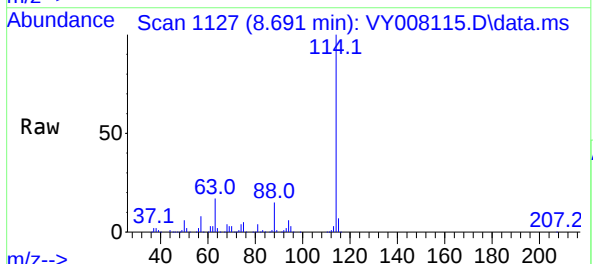
Tgt Ion:114 Resp: 246139

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

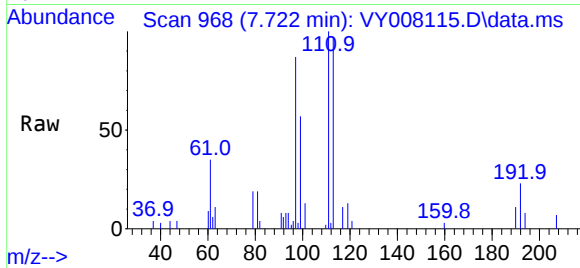
88 15.3 0.0 31.8





#35
Dibromofluoromethane
Concen: 3.942 ug/l
RT: 7.722 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

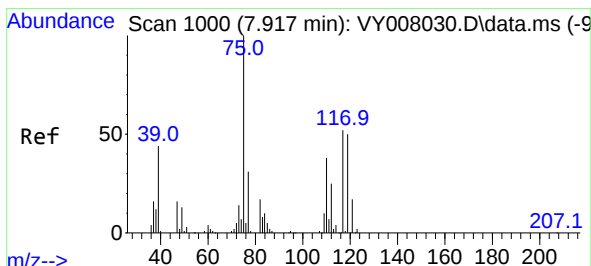
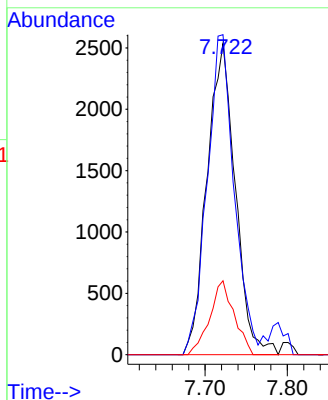
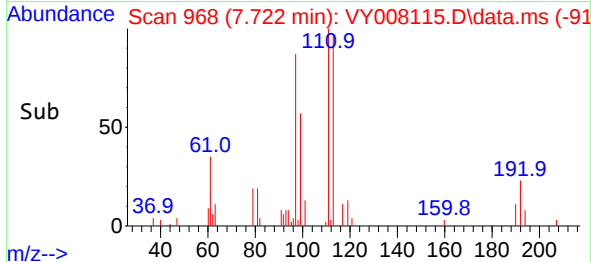
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



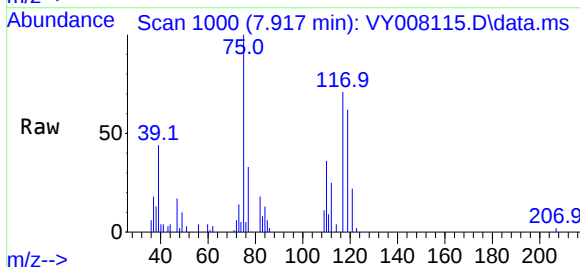
Tgt Ion: 113 Resp: 6084
Ion Ratio Lower Upper
113 100
111 98.0 82.6 124.0
192 20.4 17.6 26.4

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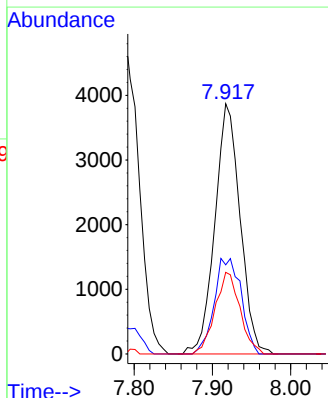
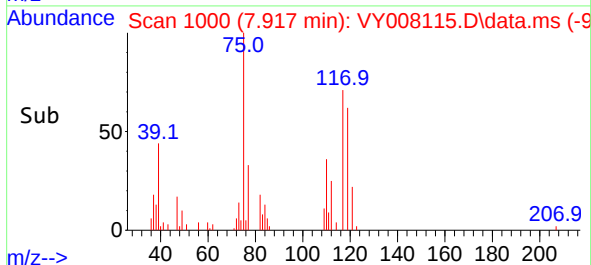
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#36
1,1-Dichloropropene
Concen: 3.576 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



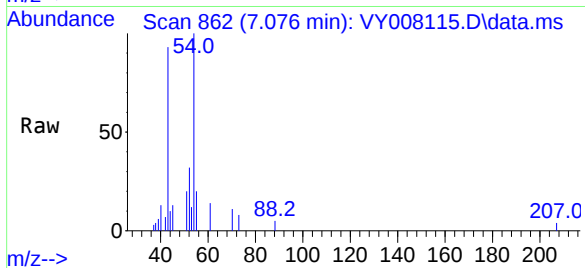
Tgt Ion: 75 Resp: 8669
Ion Ratio Lower Upper
75 100
110 40.7 17.1 51.2
77 32.2 24.4 36.6





#37
Ethyl Acetate
Concen: 4.063 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

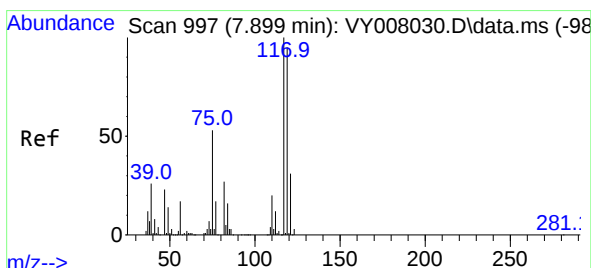
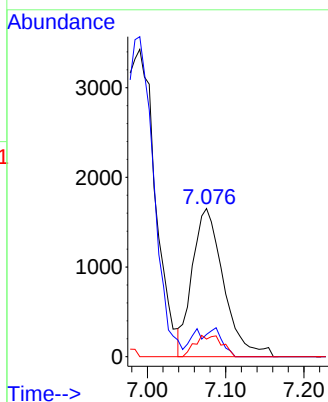
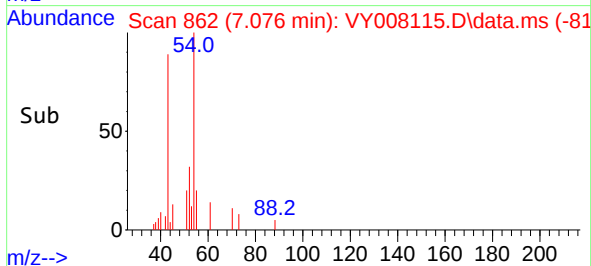
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
61 7.0 9.7 14.5
70 12.4 7.1 10.7

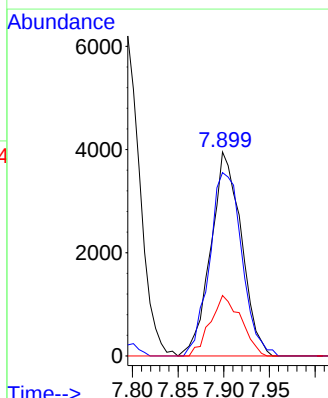
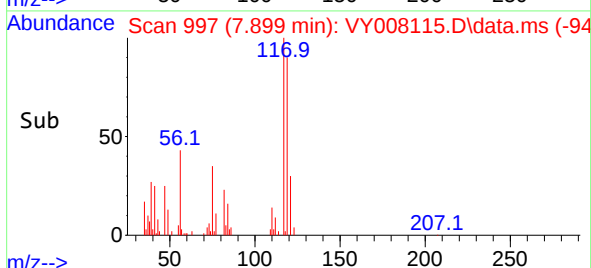
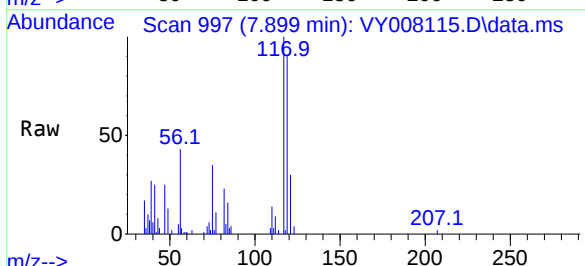
Manual Integrations
APPROVED

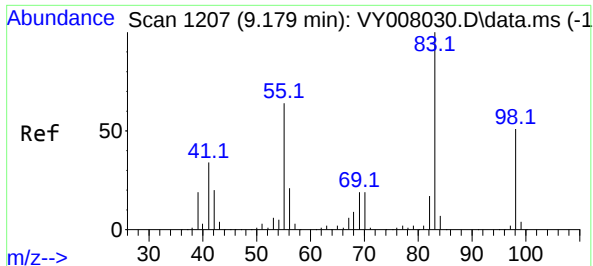
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#38
Carbon Tetrachloride
Concen: 3.491 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:117 Resp: 9223
Ion Ratio Lower Upper
117 100
119 89.9 77.9 116.9
121 29.6 24.8 37.2





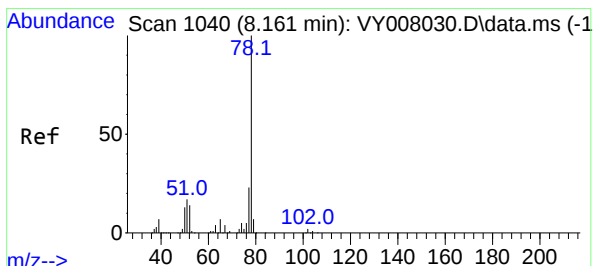
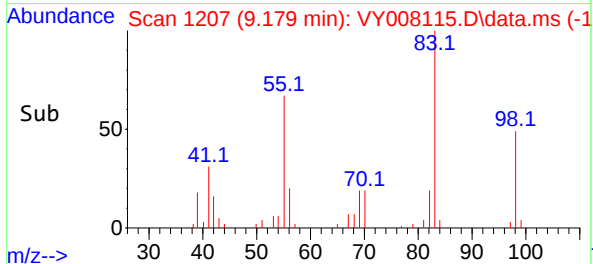
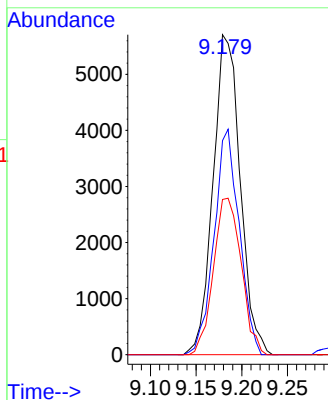
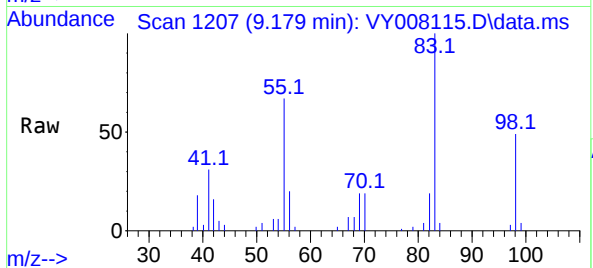
#39
Methylcyclohexane
Concen: 3.603 ug/l
RT: 9.179 min Scan# 11789
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

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

Tgt Ion: 83 Resp: 11789
Ion Ratio Lower Upper
83 100
55 66.9 66.5 99.7
98 48.5 37.9 56.9

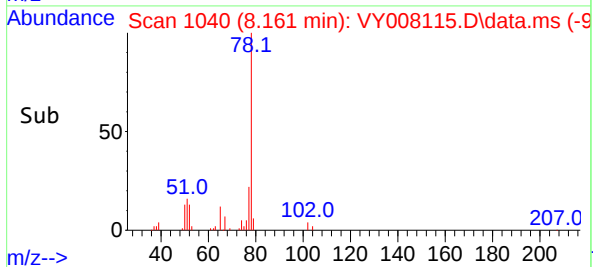
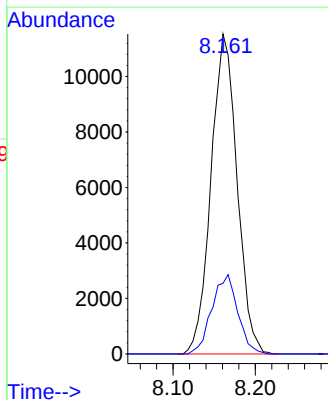
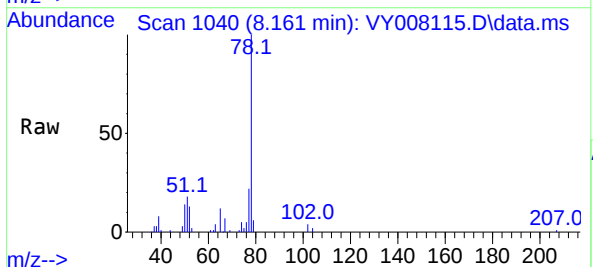
Manual Integrations
APPROVED

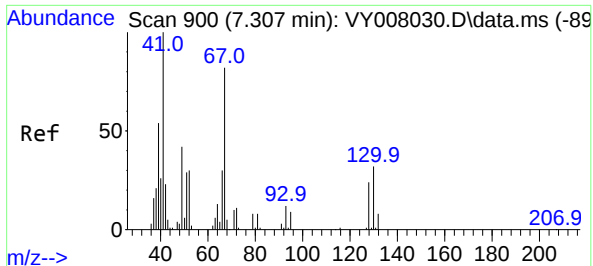
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#40
Benzene
Concen: 3.658 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

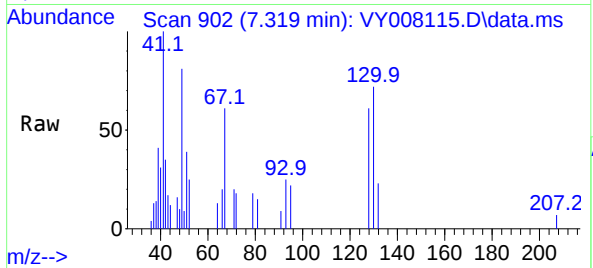
Tgt Ion: 78 Resp: 25365
Ion Ratio Lower Upper
78 100
77 22.0 20.4 30.6





#41
Methacrylonitrile
Concen: 4.938 ug/l m
RT: 7.319 min Scan# 900
Delta R.T. 0.012 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

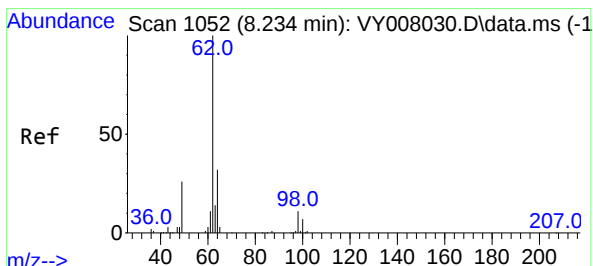
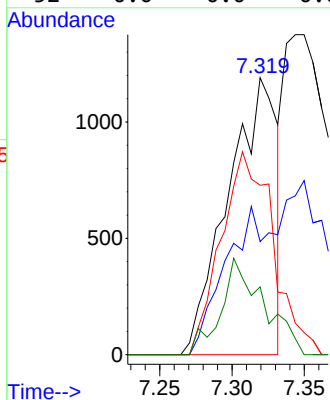
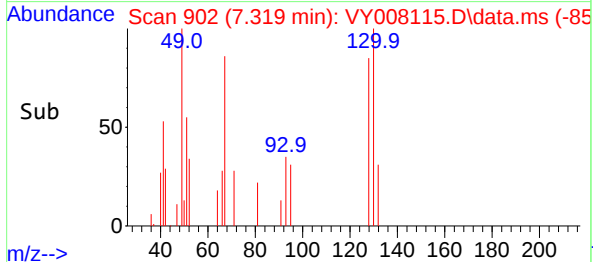
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 41 Resp: 2808
Ion Ratio Lower Upper
41 100
39 57.1 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

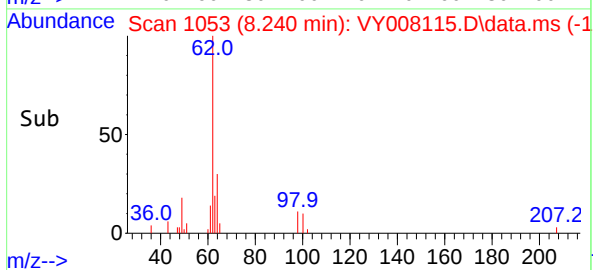
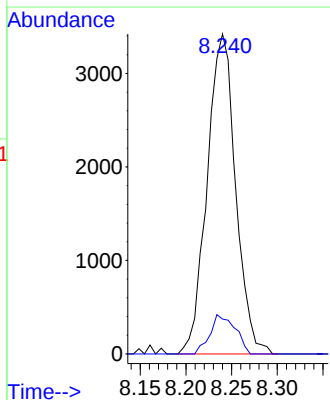
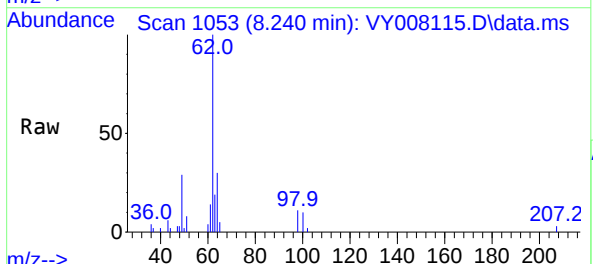
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 3.811 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

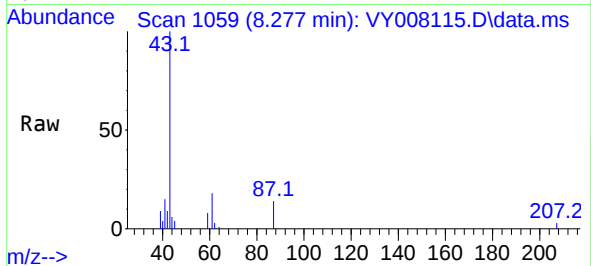
Tgt Ion: 62 Resp: 7413
Ion Ratio Lower Upper
62 100
98 10.9 0.0 14.8





#43
Isopropyl Acetate
Concen: 3.913 ug/l
RT: 8.277 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

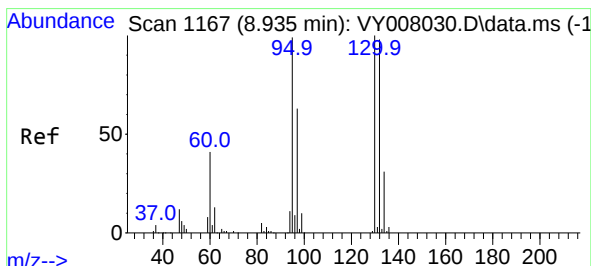
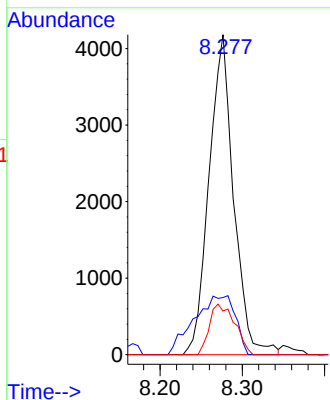
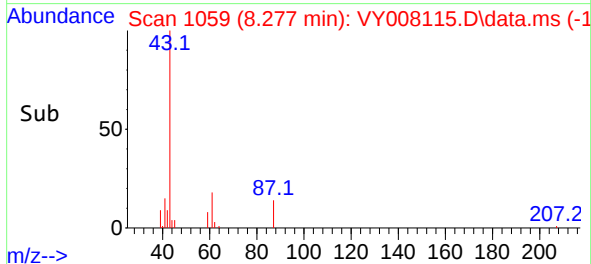
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2022



Tgt Ion: 43 Resp: 8698
Ion Ratio Lower Upper
43 100
61 30.8 20.2 30.2
87 16.3 8.9 13.3

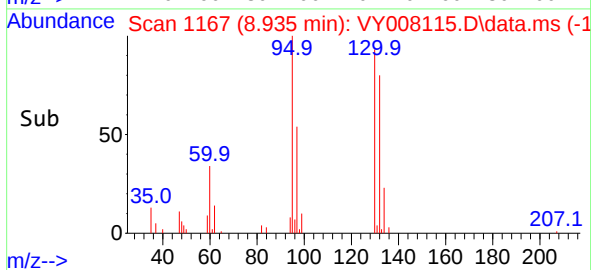
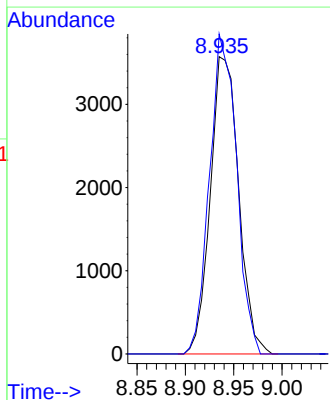
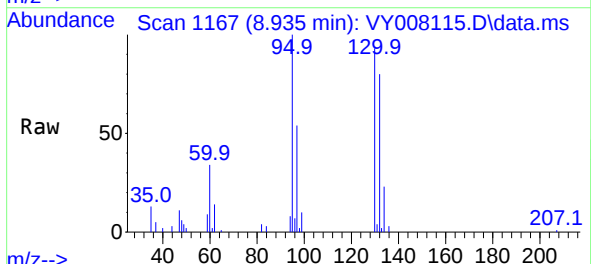
Manual Integrations
APPROVED

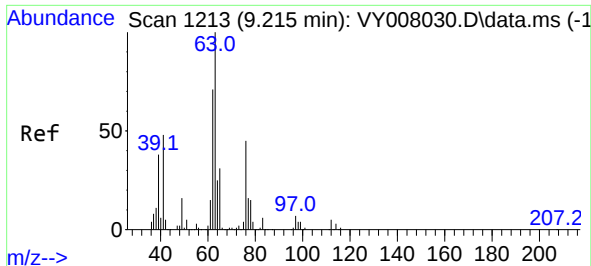
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#44
Trichloroethene
Concen: 3.630 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:130 Resp: 7279
Ion Ratio Lower Upper
130 100
95 107.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 3.747 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion: 63 Resp: 6124

Ion Ratio Lower Upper

63 100

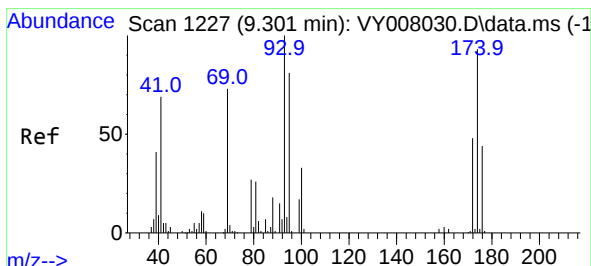
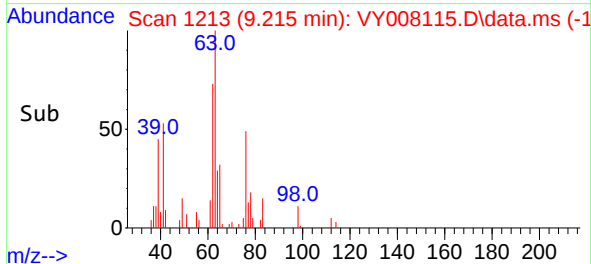
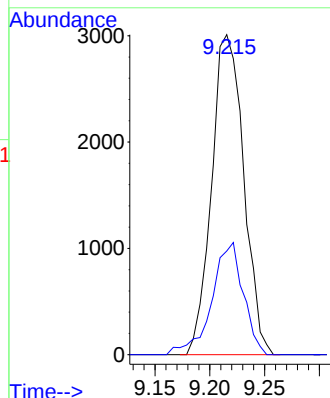
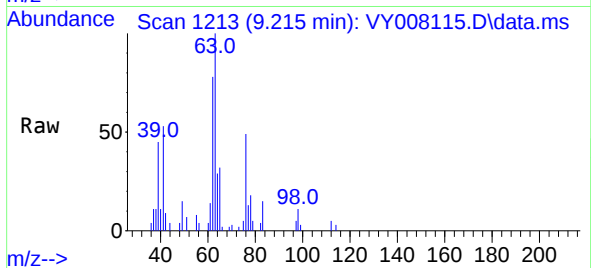
65 32.4 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022

Supervised By :Semsettin Yesilyurt 03/31/2022



#46

Dibromomethane

Concen: 3.773 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

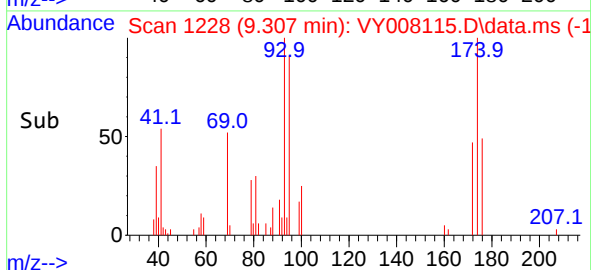
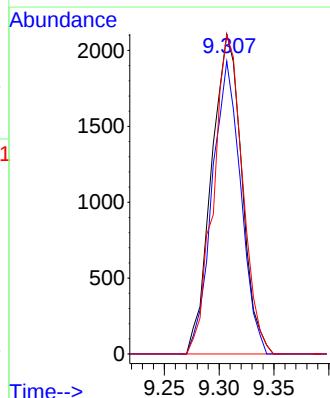
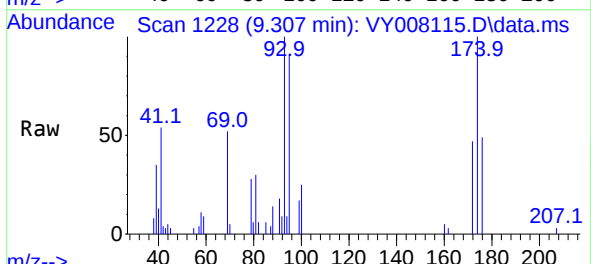
Tgt Ion: 93 Resp: 4054

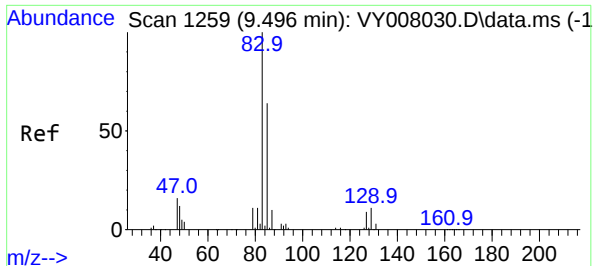
Ion Ratio Lower Upper

93 100

95 86.4 64.3 96.5

174 95.6 83.4 125.0





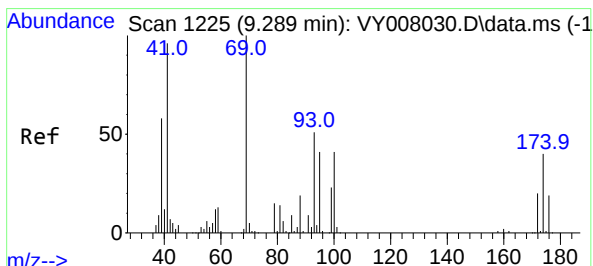
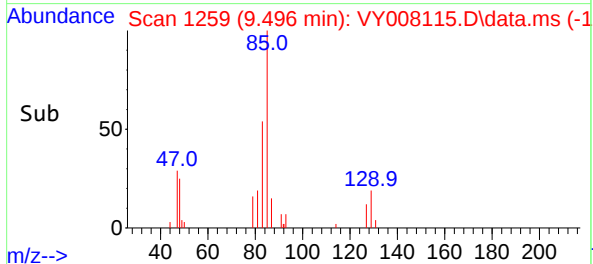
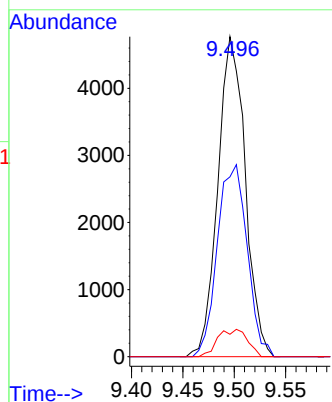
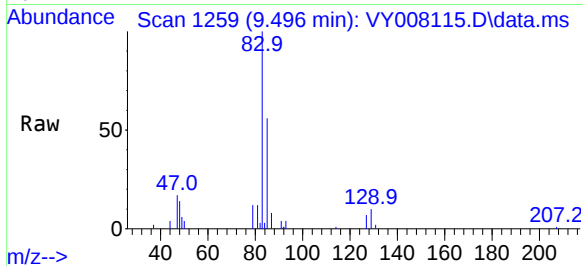
#47
Bromodichloromethane
Concen: 3.595 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

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

Tgt Ion: 83 Resp: 883
Ion Ratio Lower Upper
83 100
85 56.2 51.9 77.9
127 7.0 6.6 10.0

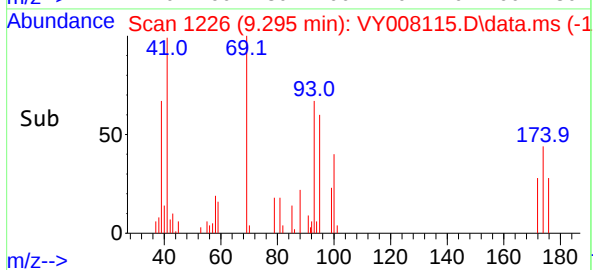
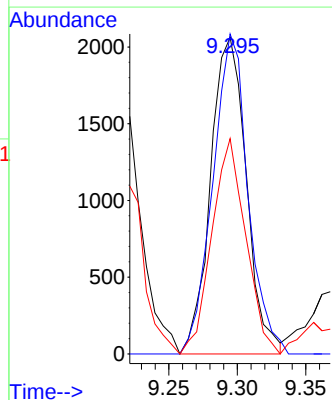
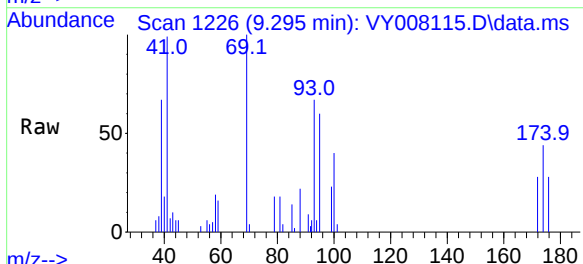
Manual Integrations
APPROVED

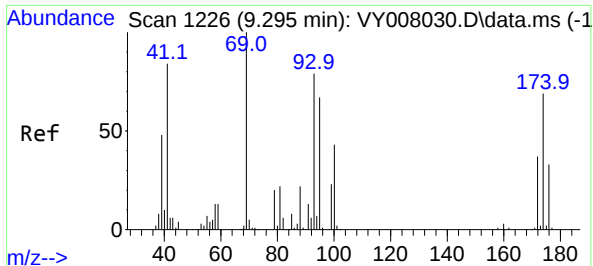
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#48
Methyl methacrylate
Concen: 3.797 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 41 Resp: 3739
Ion Ratio Lower Upper
41 100
69 99.5 58.2 87.2#
39 64.5 47.4 71.0





#49

1,4-Dioxane

Concen: 76.376 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2022

Tgt Ion: 88 Resp: 109

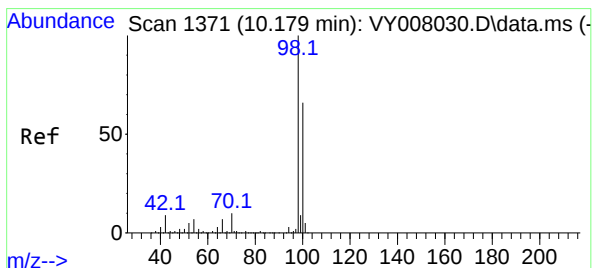
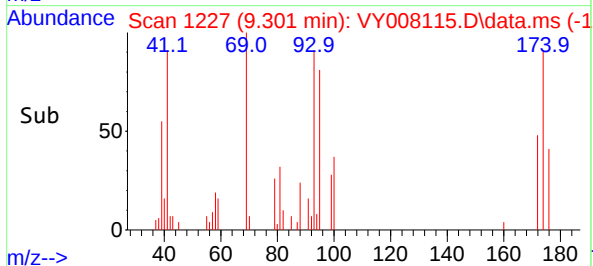
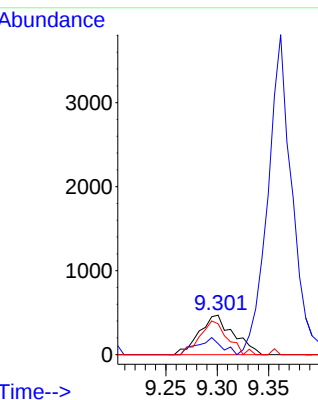
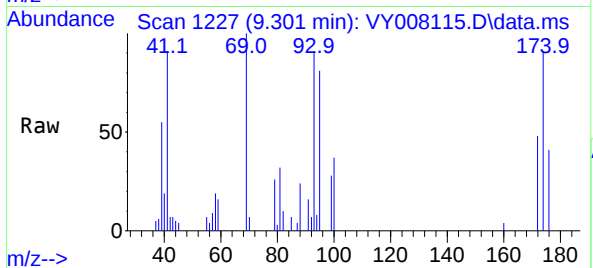
Ion	Ratio	Lower	Upper
88	100		
43	31.4	32.8	49.2
58	68.8	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022

Supervised By :Semsettin Yesilyurt 03/31/2022



#50

Toluene-d8

Concen: 3.971 ug/l

RT: 10.179 min Scan# 1371

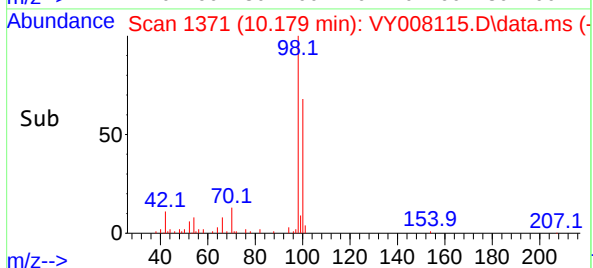
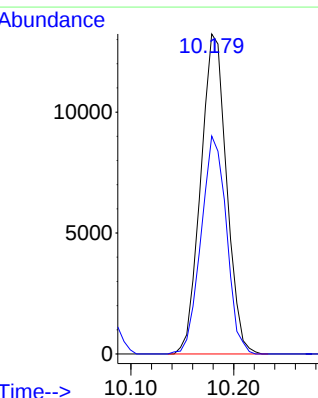
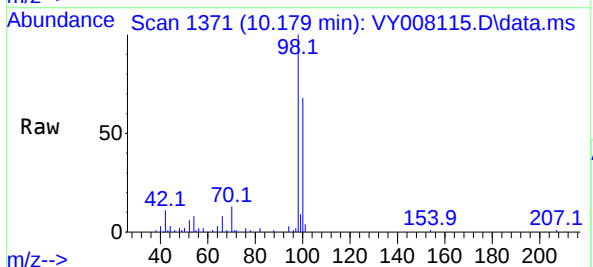
Delta R.T. -0.000 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Tgt Ion: 98 Resp: 23085

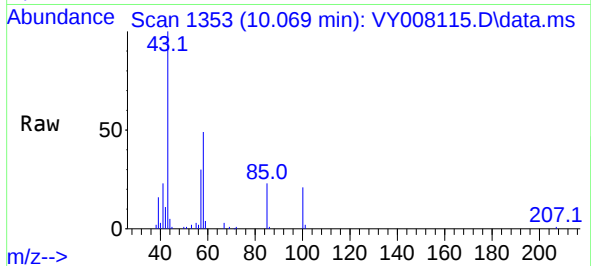
Ion	Ratio	Lower	Upper
98	100		
100	66.8	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 18.862 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

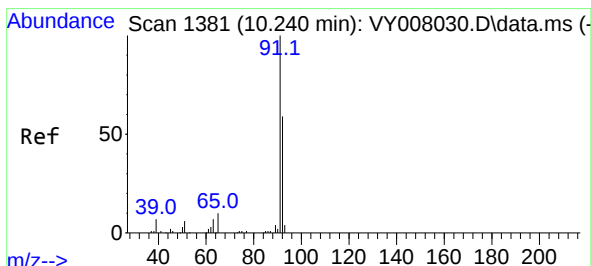
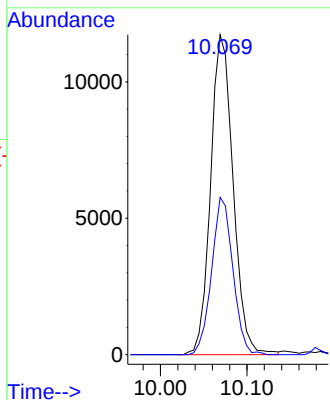
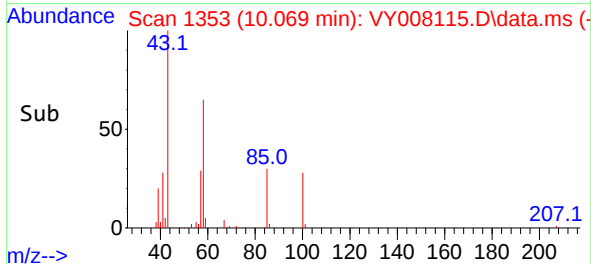
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



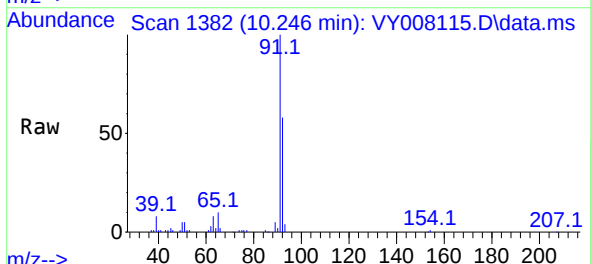
Tgt Ion: 43 Resp: 21149
Ion Ratio Lower Upper
43 100
58 46.5 28.1 42.1

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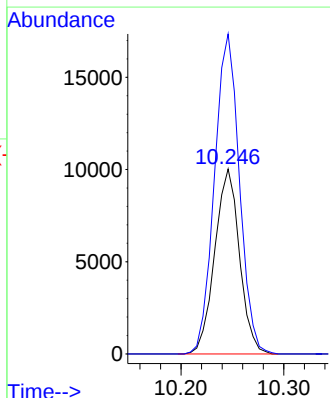
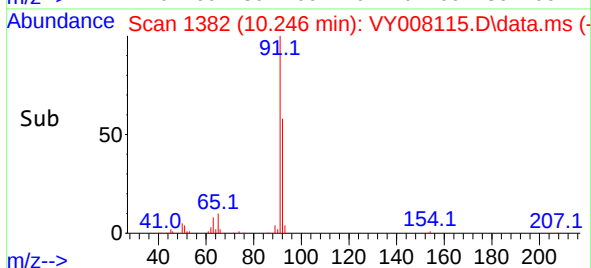
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

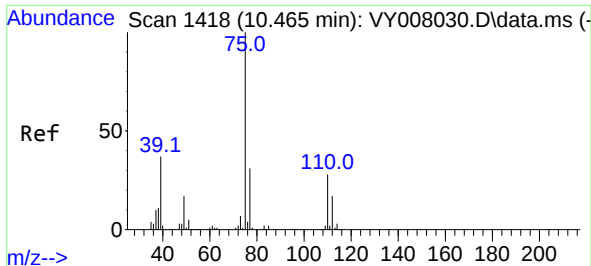


#52
Toluene
Concen: 3.682 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



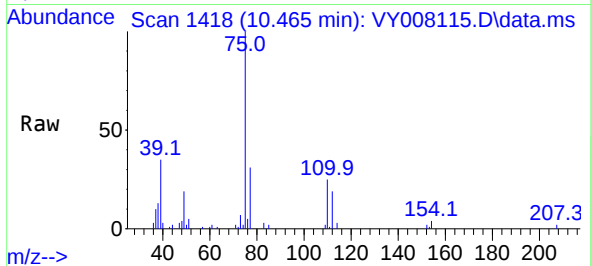
Tgt Ion: 92 Resp: 16743
Ion Ratio Lower Upper
92 100
91 174.5 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 3.530 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

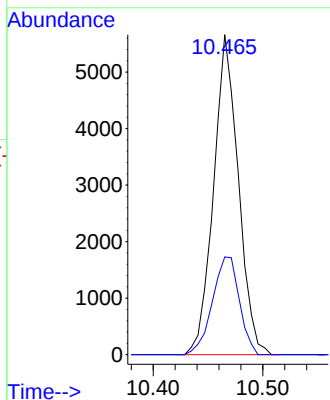
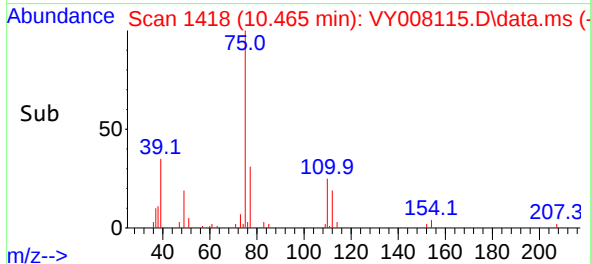
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT1-2022



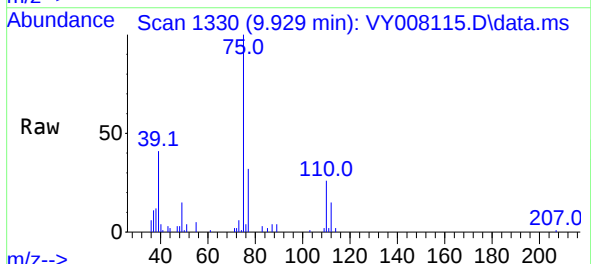
Tgt Ion: 75 Resp: 889
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2

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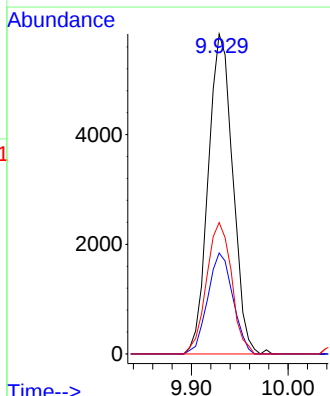
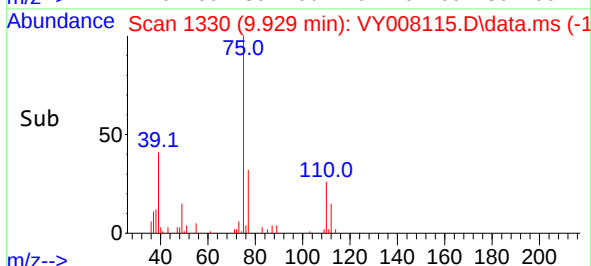
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

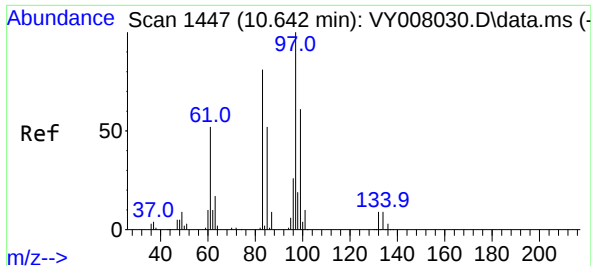


#54
cis-1,3-Dichloropropene
Concen: 3.610 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



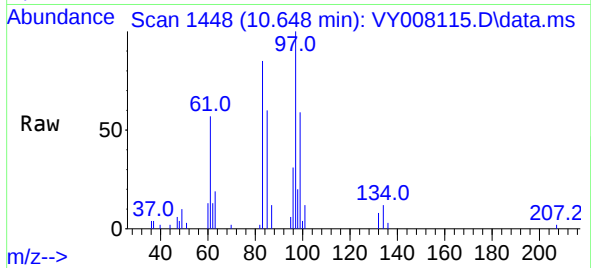
Tgt Ion: 75 Resp: 10294
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4
39 41.1 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 3.782 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

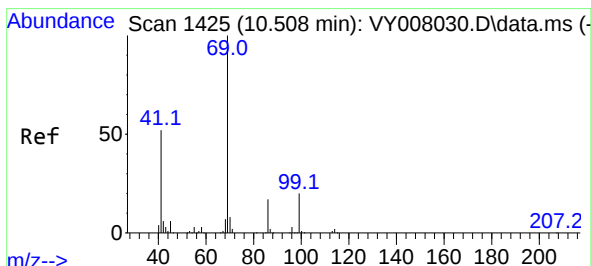
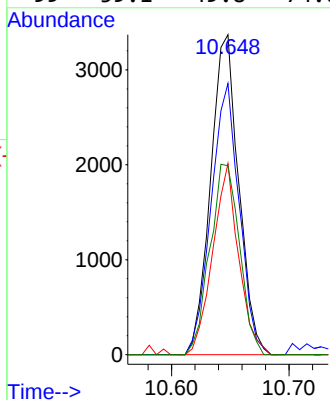
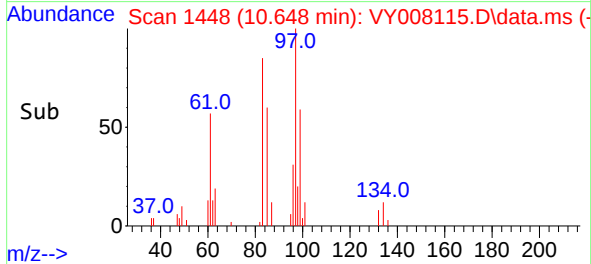
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



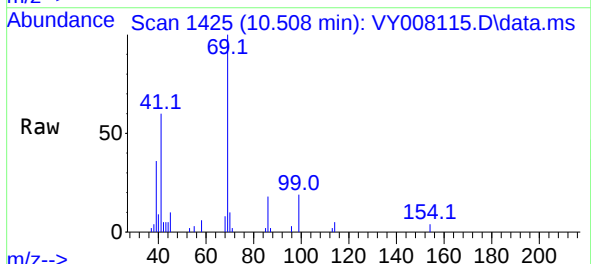
Tgt Ion:	97	Resp:	561
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.8	104.8
85	59.7	44.3	66.5
99	59.1	49.8	74.6

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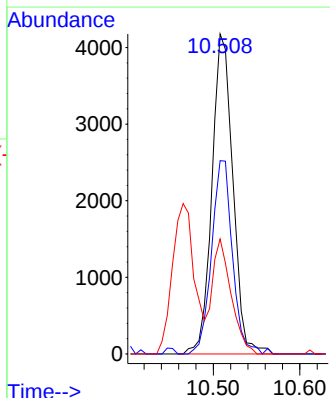
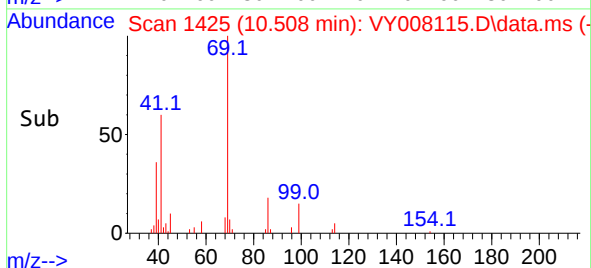
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

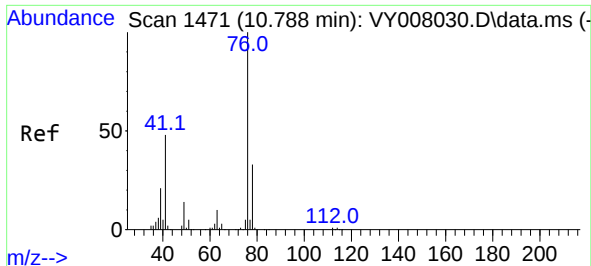


#56
Ethyl methacrylate
Concen: 3.620 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



Tgt Ion:	69	Resp:	7007
Ion	Ratio	Lower	Upper
69	100		
41	60.5	63.4	95.0#
39	32.6	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 3.667 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

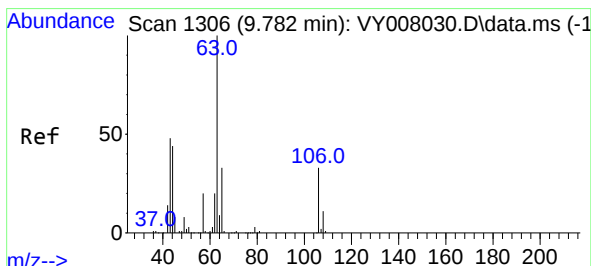
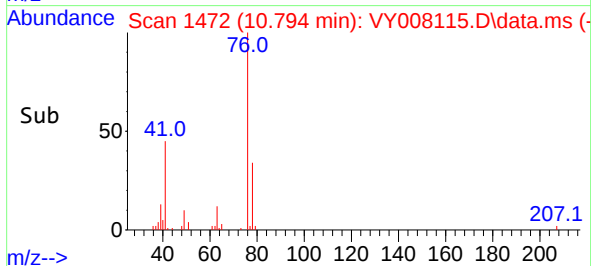
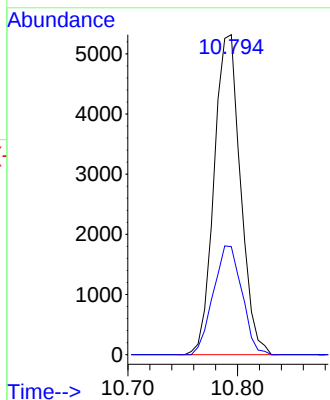
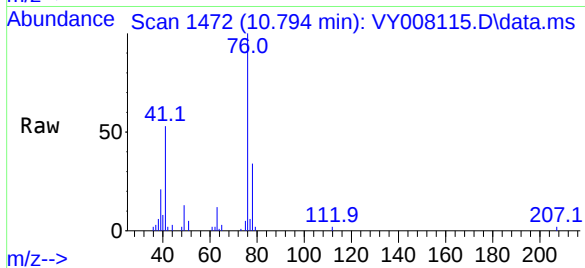
LOQ-SOIL-02-QT1-2022

Tgt Ion: 76 Resp: 8904
 Ion Ratio Lower Upper
 76 100
 78 36.8 25.0 37.6

Manual Integrations

APPROVED

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



#58

2-Chloroethyl Vinyl ether

Concen: 21.532 ug/l

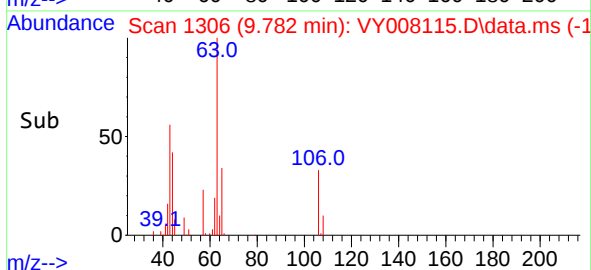
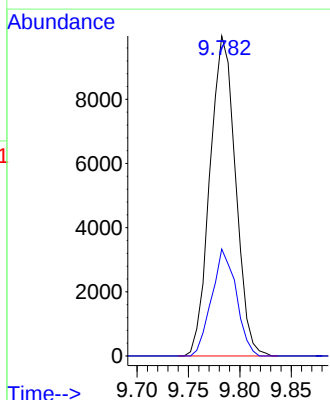
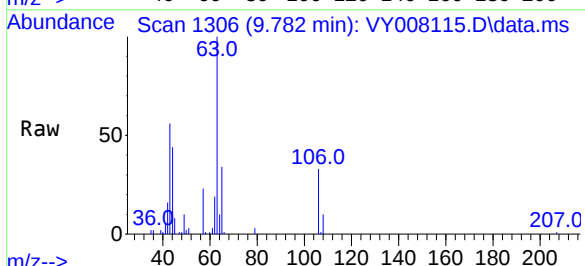
RT: 9.782 min Scan# 1306

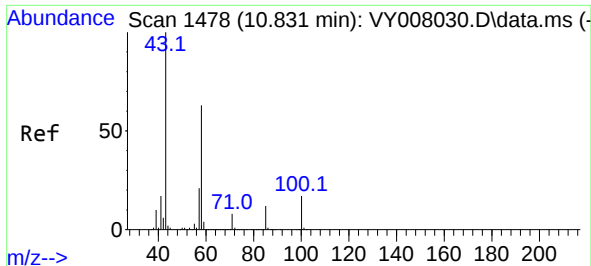
Delta R.T. 0.000 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

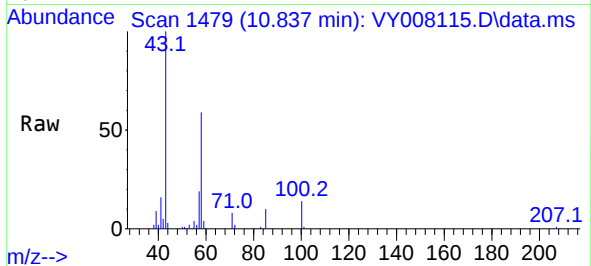
Tgt Ion: 63 Resp: 17267
 Ion Ratio Lower Upper
 63 100
 106 32.0 21.5 32.3





#59
2-Hexanone
Concen: 19.422 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

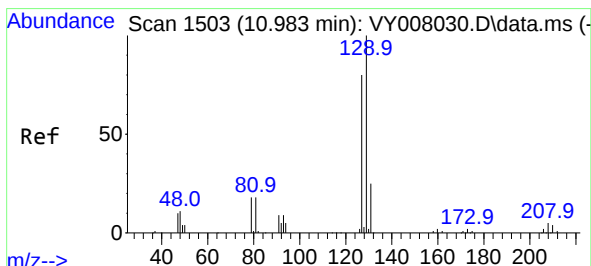
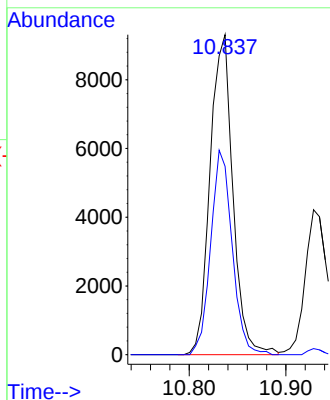
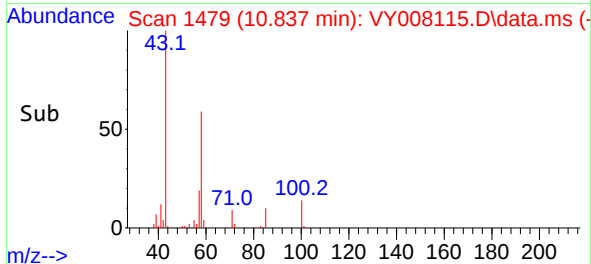
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 43 Resp: 15238
Ion Ratio Lower Upper
43 100
58 60.2 24.4 73.4

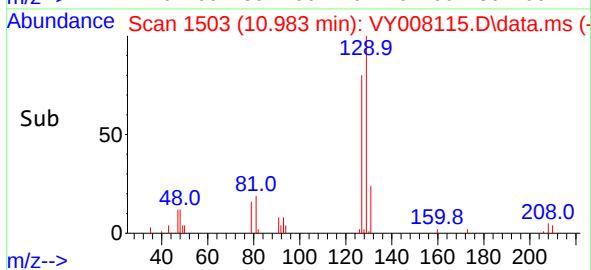
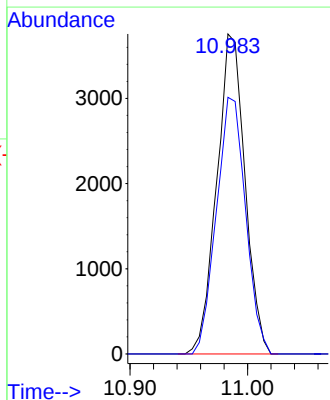
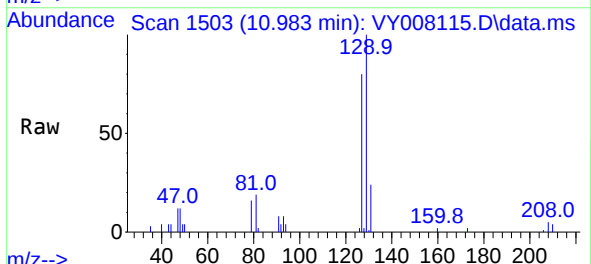
Manual Integrations
APPROVED

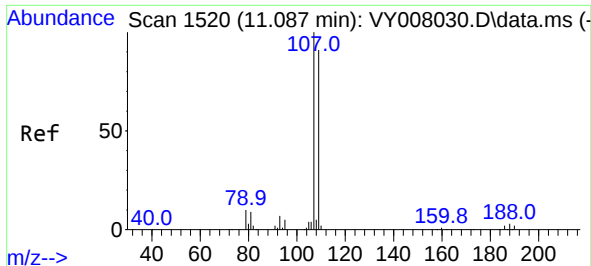
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#60
Dibromochloromethane
Concen: 3.475 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

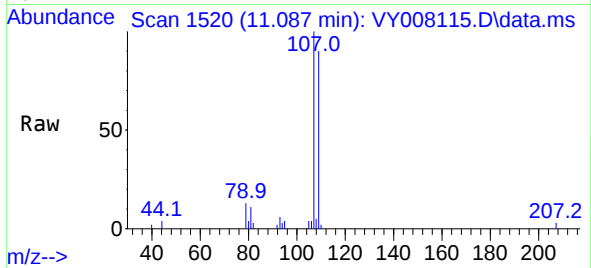
Tgt Ion:129 Resp: 6270
Ion Ratio Lower Upper
129 100
127 82.9 38.7 116.1





#61
1,2-Dibromoethane
Concen: 3.760 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

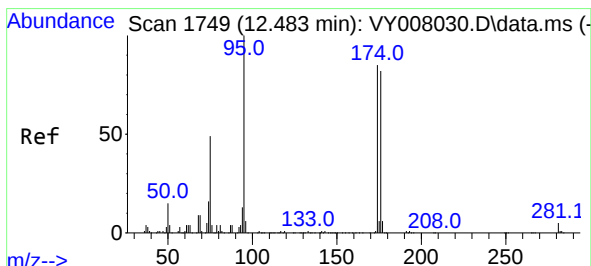
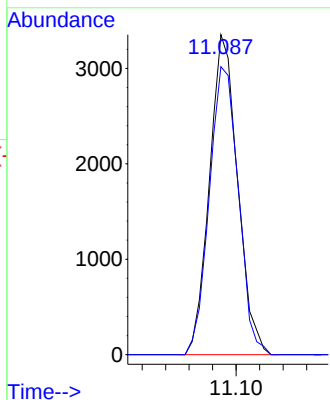
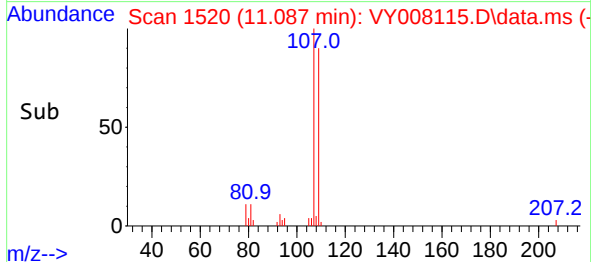
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



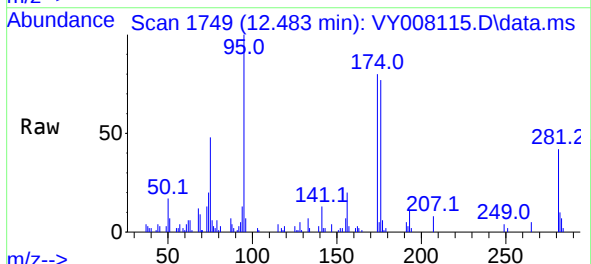
Tgt Ion:107 Resp: 555
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.2

Manual Integrations
APPROVED

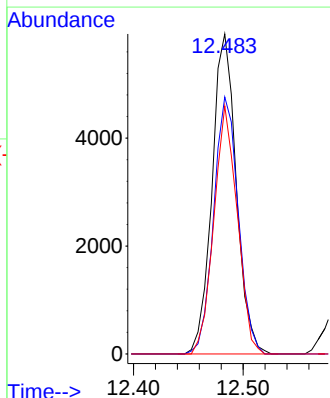
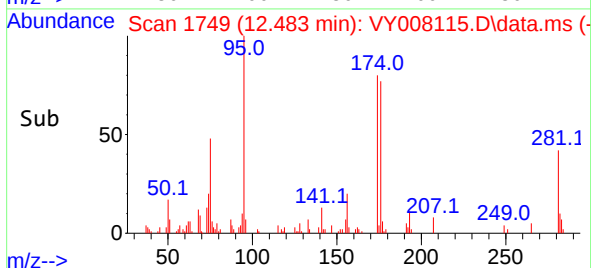
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

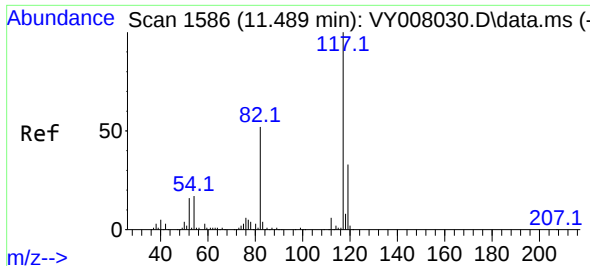


#62
4-Bromofluorobenzene
Concen: 4.434 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



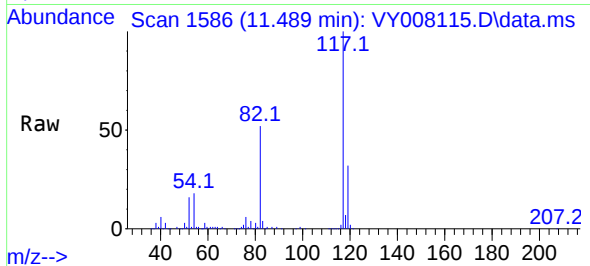
Tgt Ion: 95 Resp: 9095
Ion Ratio Lower Upper
95 100
174 81.7 0.0 177.0
176 74.9 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

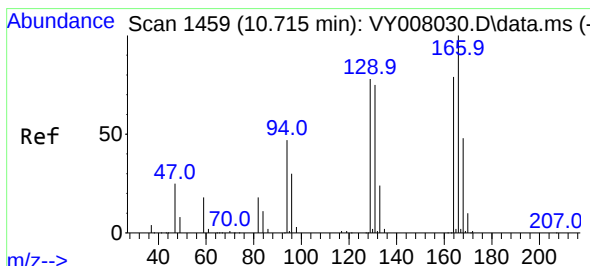
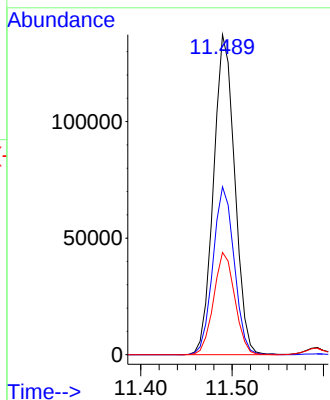
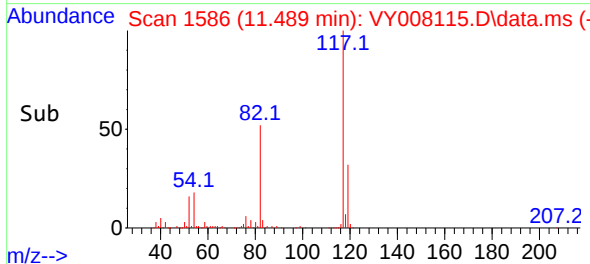
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:117 Resp: 220914
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.9 25.4 38.0

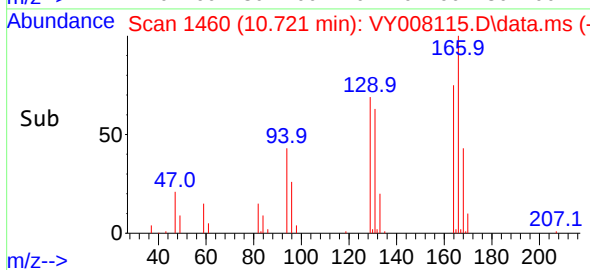
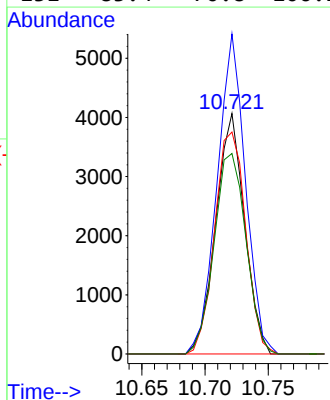
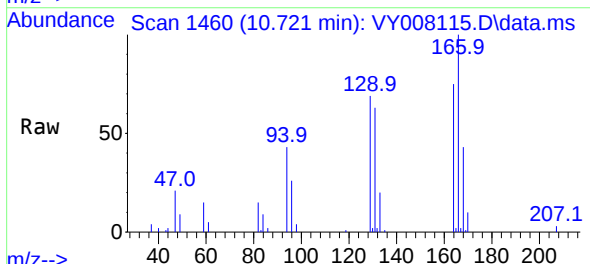
Manual Integrations
APPROVED

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



#64
Tetrachloroethene
Concen: 3.793 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

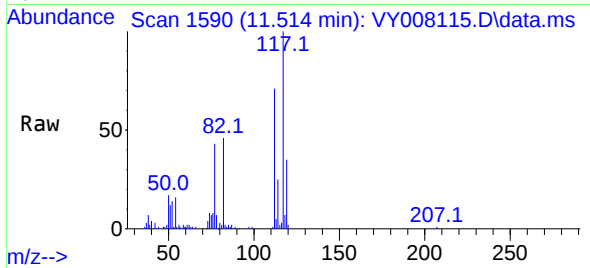
Tgt Ion:164 Resp: 6436
Ion Ratio Lower Upper
164 100
166 133.1 100.4 150.6
129 92.3 71.4 107.0
131 83.4 70.8 106.2





#65
Chlorobenzene
Concen: 3.751 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

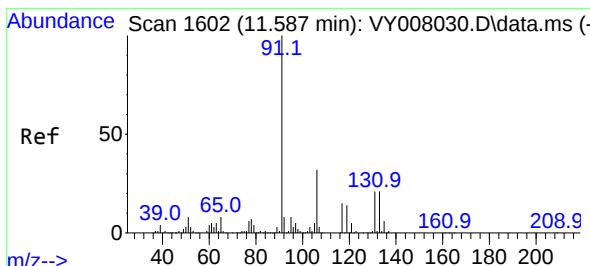
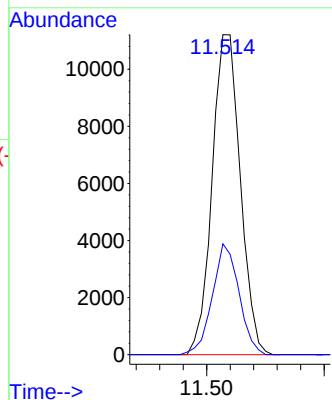
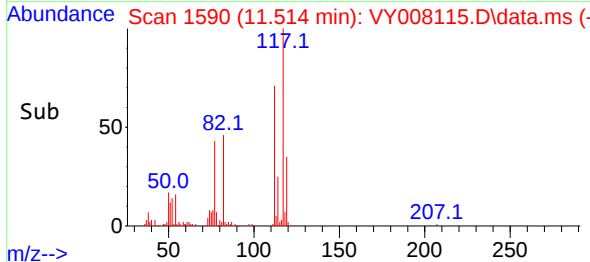
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



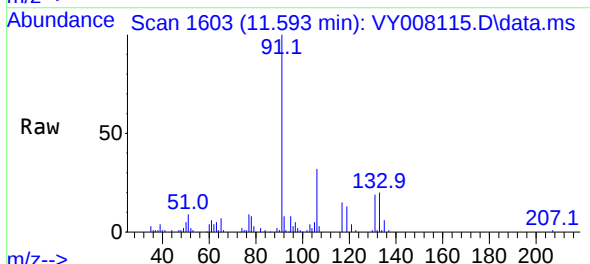
Tgt Ion:112 Resp: 1868
Ion Ratio Lower Upper
112 100
114 34.6 25.8 38.6

Manual Integrations
APPROVED

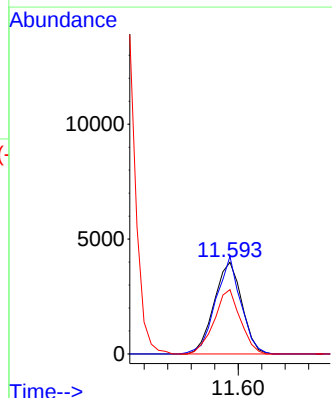
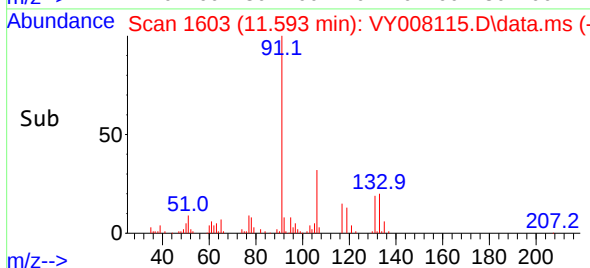
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

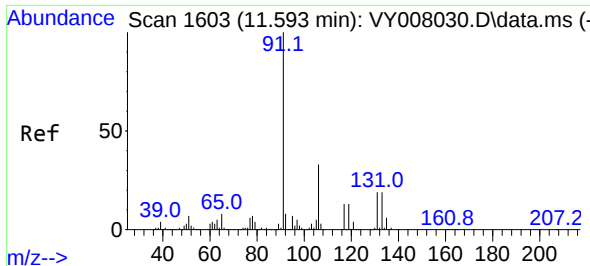


#66
1,1,1,2-Tetrachloroethane
Concen: 3.561 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



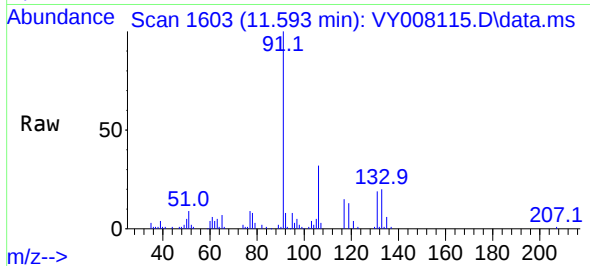
Tgt Ion:131 Resp: 6542
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 66.2 30.8 92.3





#67
Ethyl Benzene
Concen: 3.782 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

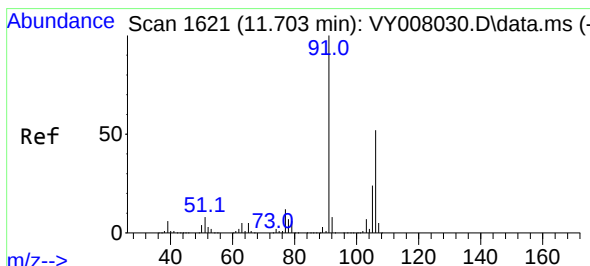
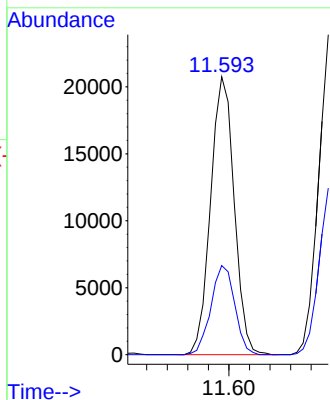
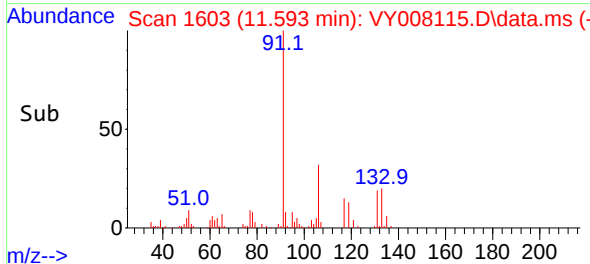
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 91 Resp: 3302
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7

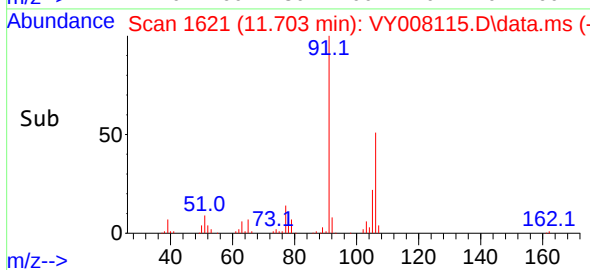
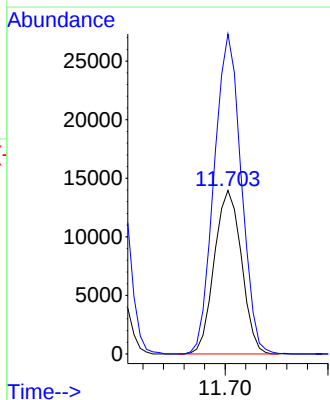
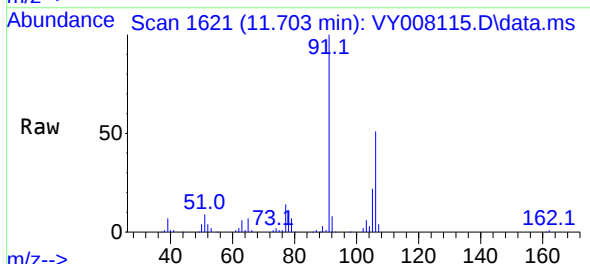
Manual Integrations
APPROVED

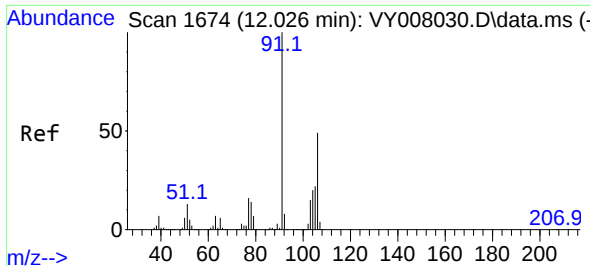
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#68
m/p-Xylenes
Concen: 7.379 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

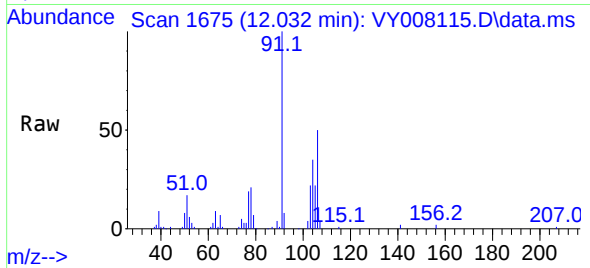
Tgt Ion:106 Resp: 25618
Ion Ratio Lower Upper
106 100
91 195.3 166.6 249.8





#69
o-Xylene
Concen: 3.758 ug/l
RT: 12.032 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

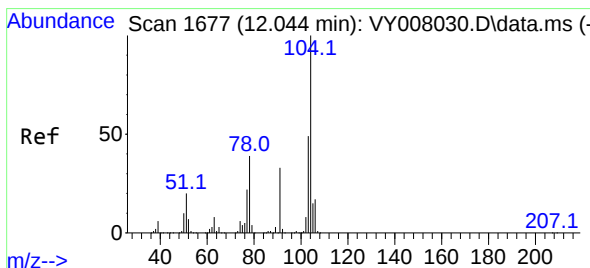
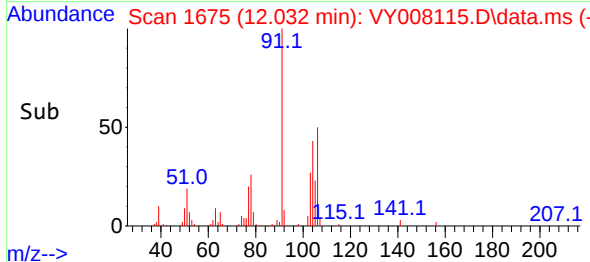
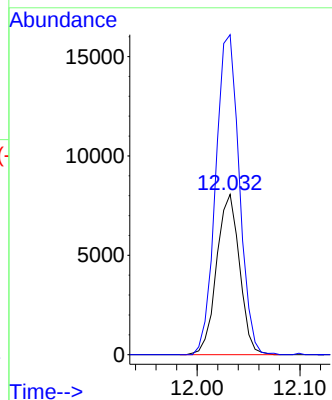
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion:106 Resp: 12490
Ion Ratio Lower Upper
106 100
91 205.4 110.3 331.0

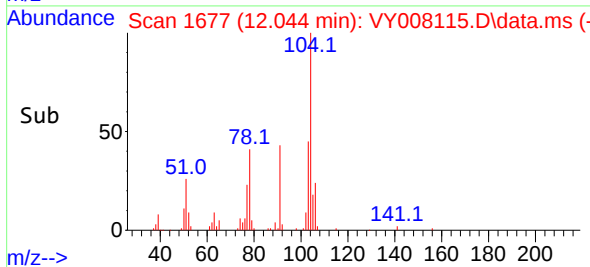
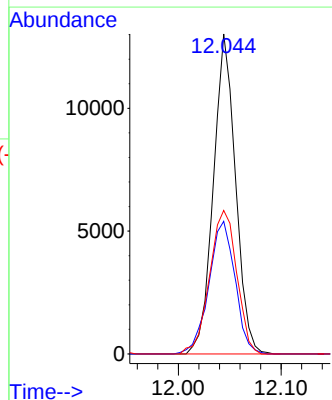
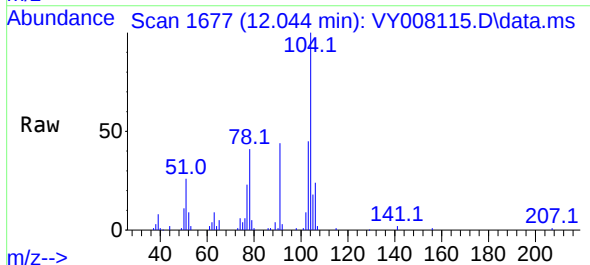
Manual Integrations
APPROVED

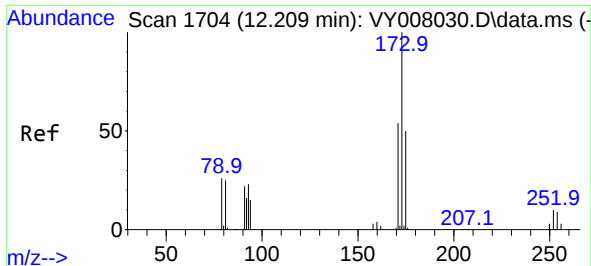
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#70
Styrene
Concen: 3.590 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

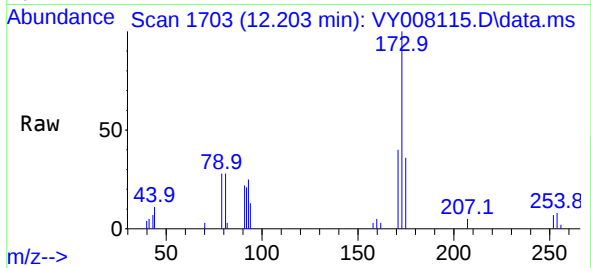
Tgt Ion:104 Resp: 19535
Ion Ratio Lower Upper
104 100
78 48.9 42.4 63.6
103 54.9 44.4 66.6





#71
Bromoform
Concen: 3.159 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

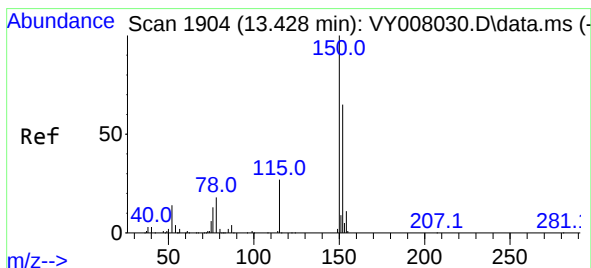
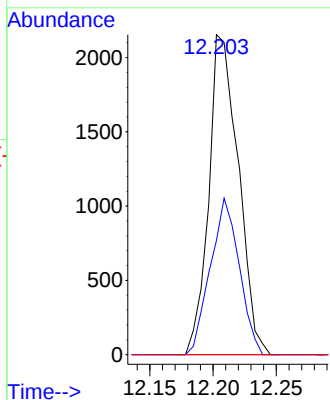
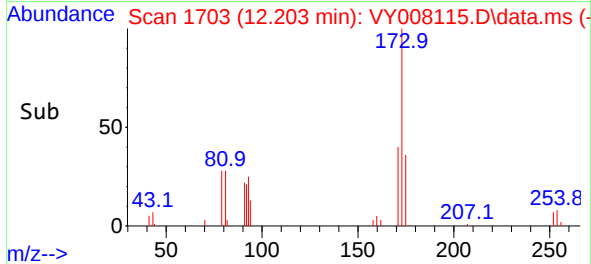
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



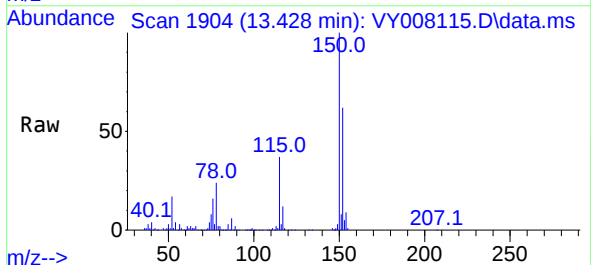
Tgt Ion:173 Resp: 3504
Ion Ratio Lower Upper
173 100
175 47.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

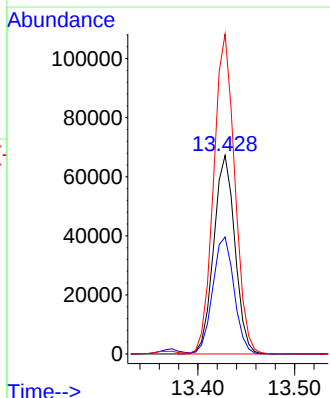
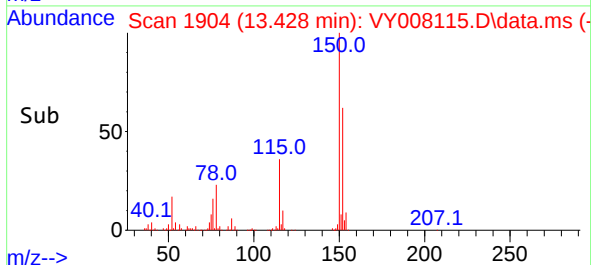
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



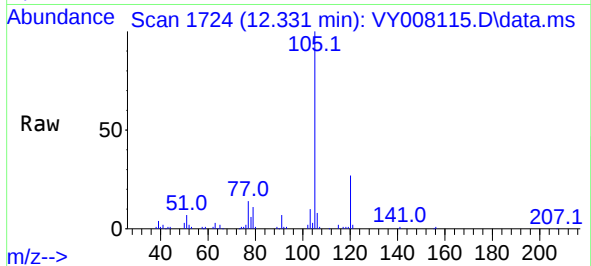
Tgt Ion:152 Resp: 102217
Ion Ratio Lower Upper
152 100
115 59.6 28.2 84.7
150 161.2 0.0 347.6





#73
Isopropylbenzene
Concen: 3.802 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

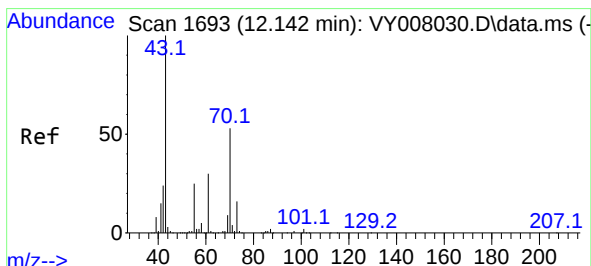
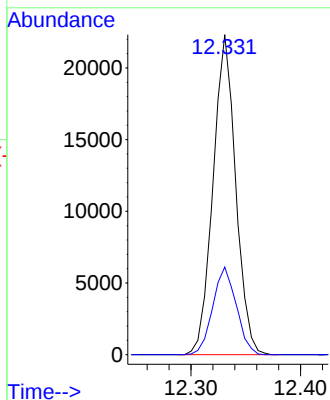
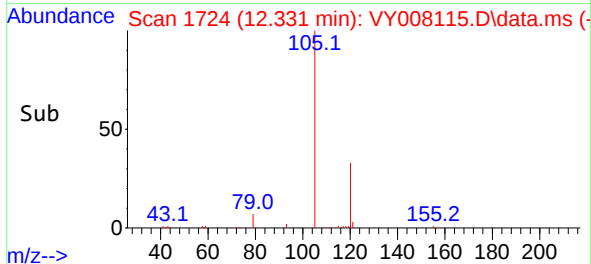
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



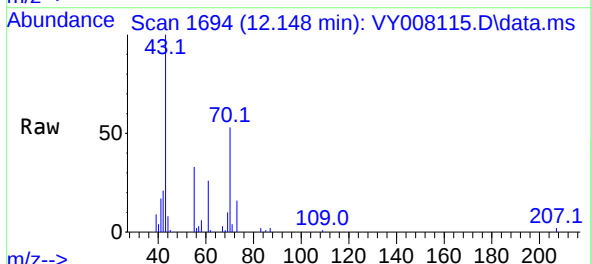
Tgt Ion:105 Resp: 32070
Ion Ratio Lower Upper
105 100
120 28.4 13.4 40.2

Manual Integrations
APPROVED

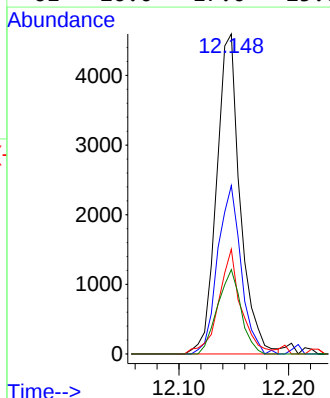
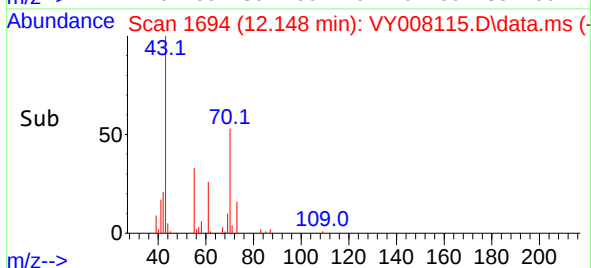
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

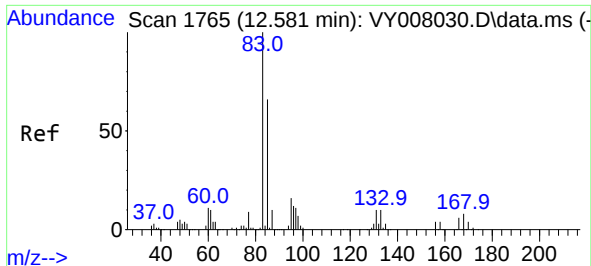


#74
N-ethyl acetate
Concen: 3.704 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



Tgt Ion: 43 Resp: 6870
Ion Ratio Lower Upper
43 100
70 52.2 28.7 43.1#
55 30.9 17.3 25.9#
61 26.0 17.0 25.6#





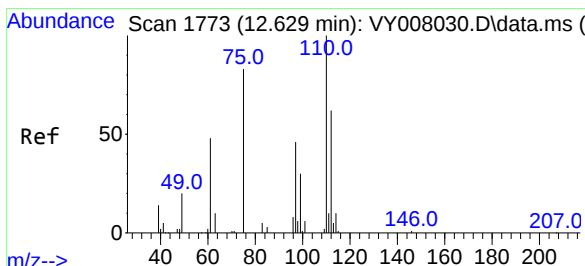
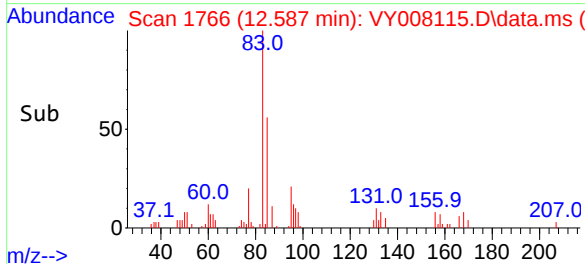
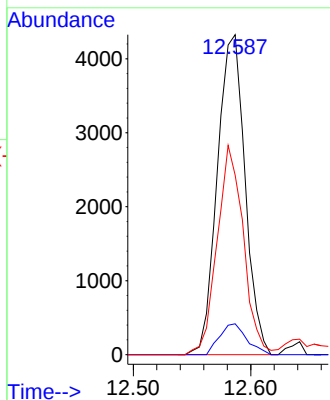
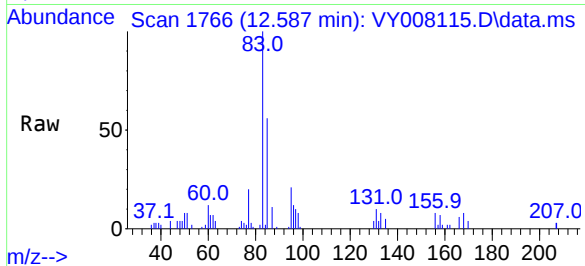
#75
1,1,2,2-Tetrachloroethane
Concen: 4.326 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

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

Tgt Ion: 83 Resp: 7094
Ion Ratio Lower Upper
83 100
131 9.5 5.6 16.8
85 61.8 32.3 96.8

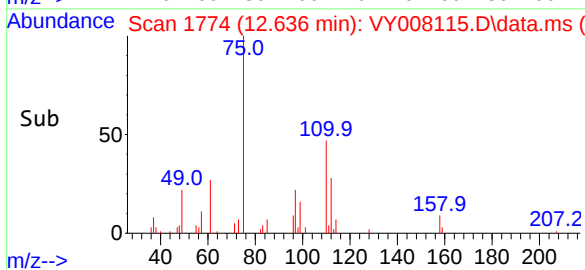
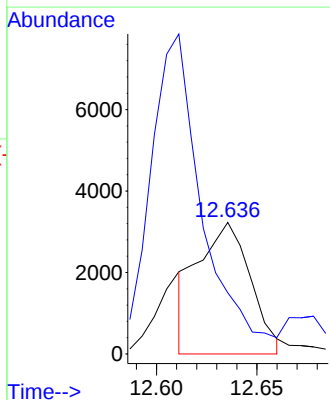
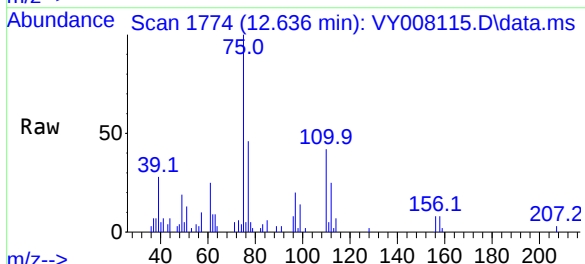
Manual Integrations
APPROVED

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



#76
1,2,3-Trichloropropane
Concen: 4.708 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

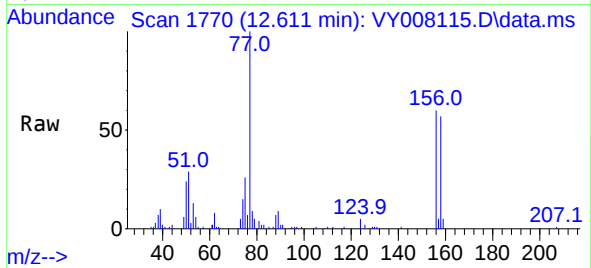
Tgt Ion: 75 Resp: 5866
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 3.937 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

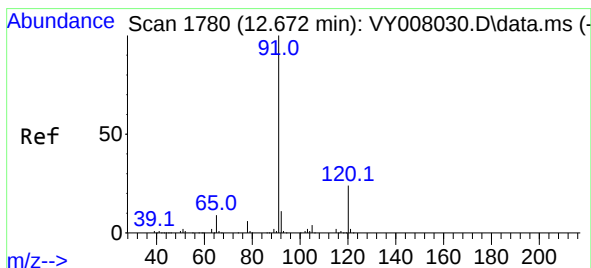
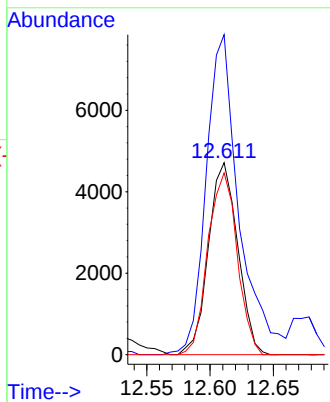
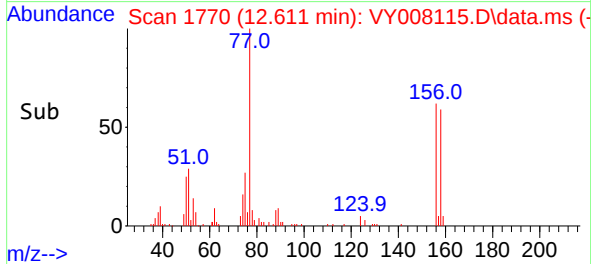
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



Tgt Ion: 156 Resp: 7620
Ion Ratio Lower Upper
156 100
77 186.5 95.5 286.4
158 94.2 48.0 144.0

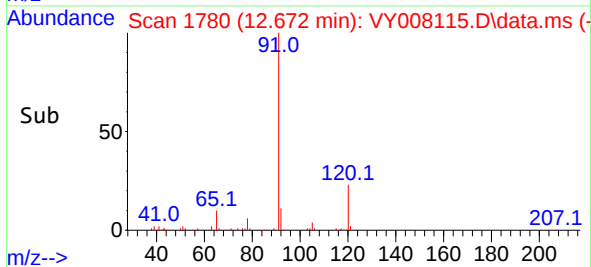
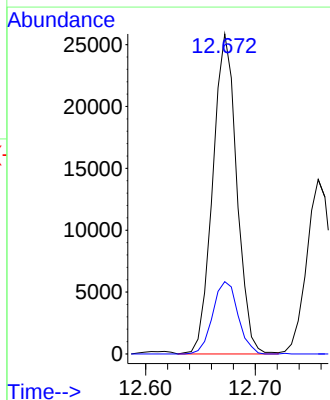
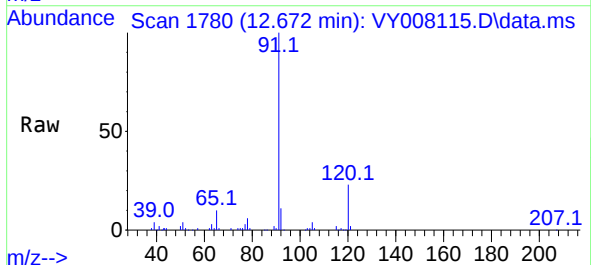
Manual Integrations
APPROVED

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



#78
n-propylbenzene
Concen: 3.962 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion: 91 Resp: 39433
Ion Ratio Lower Upper
91 100
120 23.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 4.020 ug/l

RT: 12.757 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

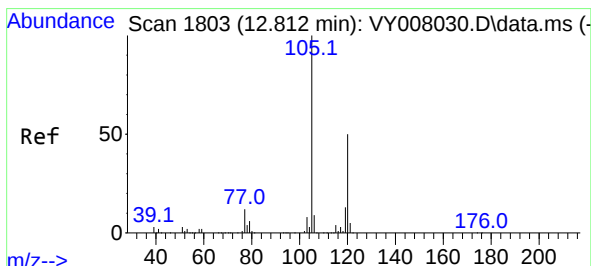
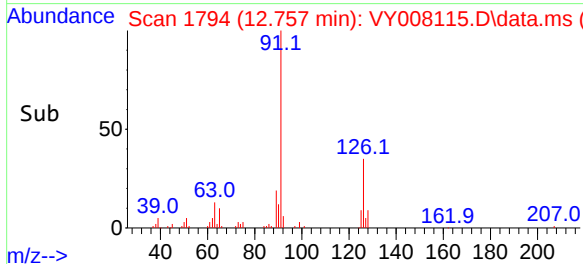
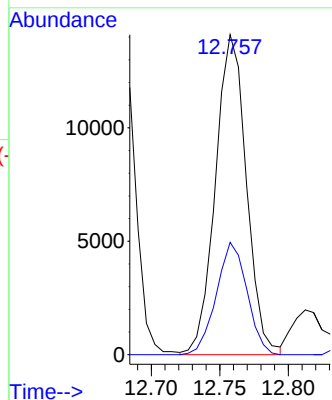
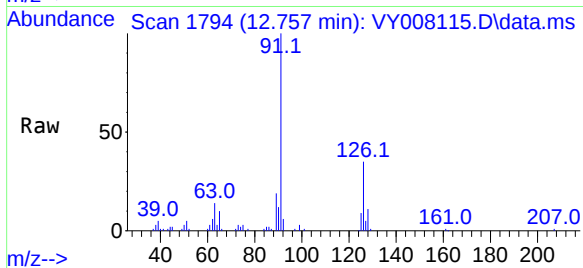
LOQ-SOIL-02-QT1-2022

Tgt Ion: 91 Resp: 2219
 Ion Ratio Lower Upper
 91 100
 126 34.7 16.9 50.6

Manual Integrations

APPROVED

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



#80

1,3,5-Trimethylbenzene

Concen: 3.853 ug/l

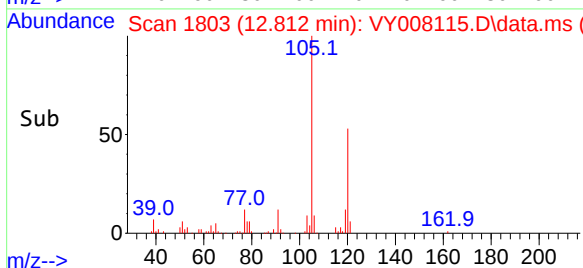
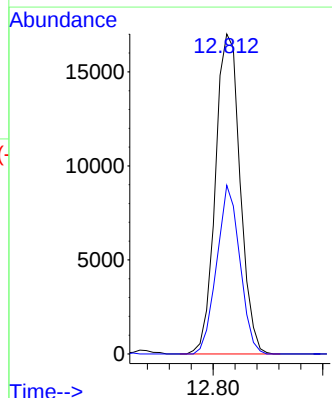
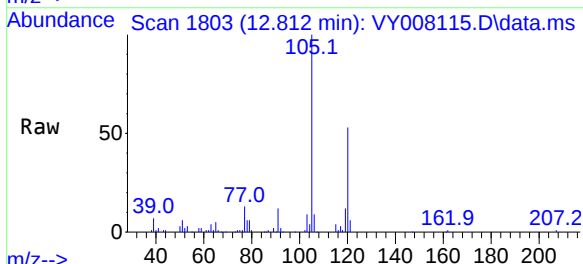
RT: 12.812 min Scan# 1803

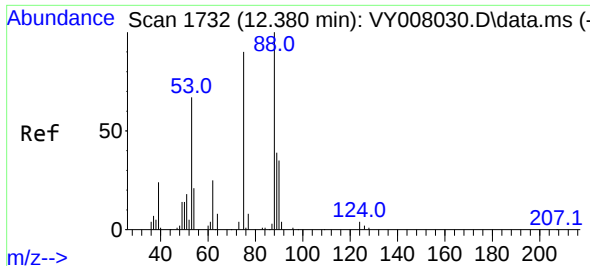
Delta R.T. 0.000 min

Lab File: VY008115.D

Acq: 30 Mar 2022 17:14

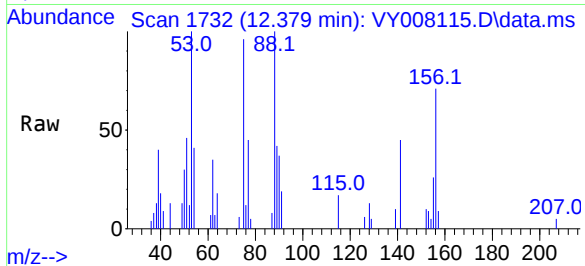
Tgt Ion:105 Resp: 26634
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.628 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

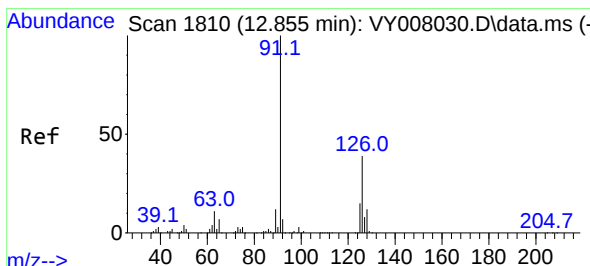
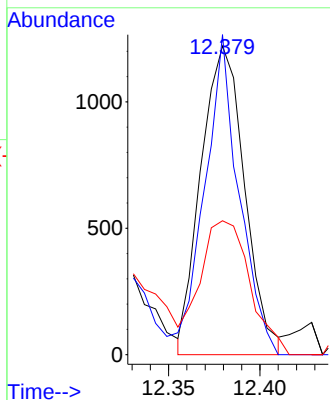
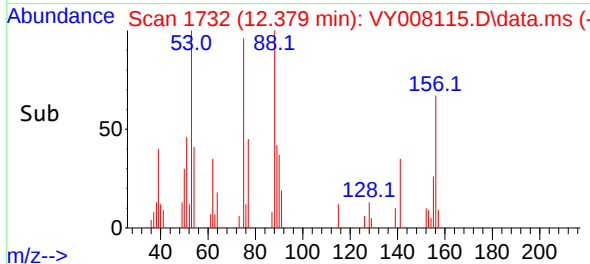
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



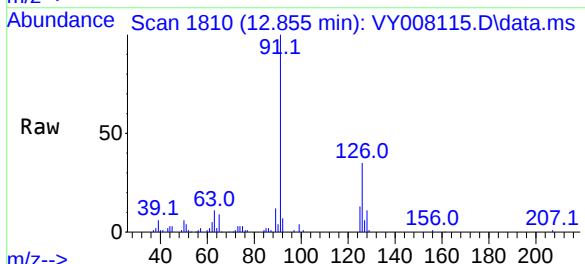
Tgt Ion: 75 Resp: 2020
Ion Ratio Lower Upper
75 100
53 82.0 85.3 127.9
89 49.8 37.0 55.4

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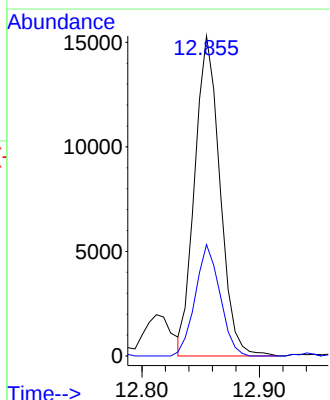
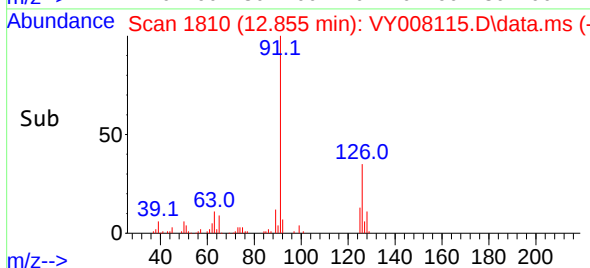
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022

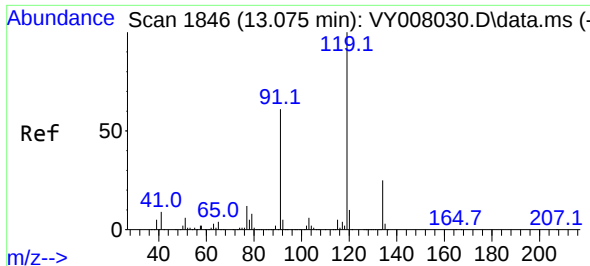


#82
4-Chlorotoluene
Concen: 4.024 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



Tgt Ion: 91 Resp: 22793
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0





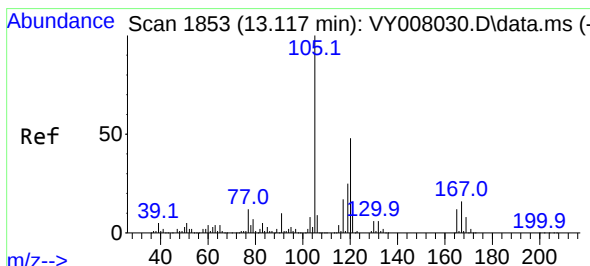
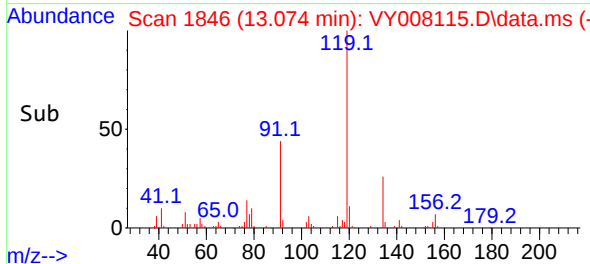
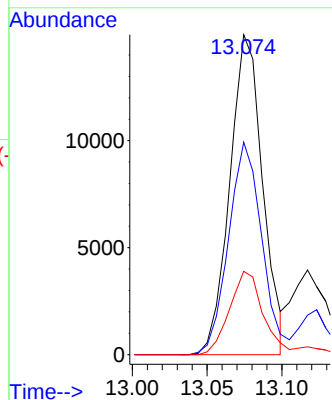
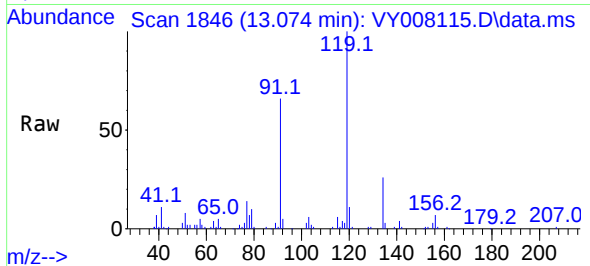
#83
tert-Butylbenzene
Concen: 3.713 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

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

Tgt Ion:119 Resp: 2286
Ion Ratio Lower Upper
119 100
91 67.6 34.8 104.4
134 27.0 13.3 39.9

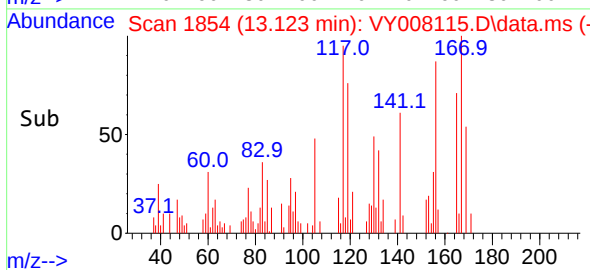
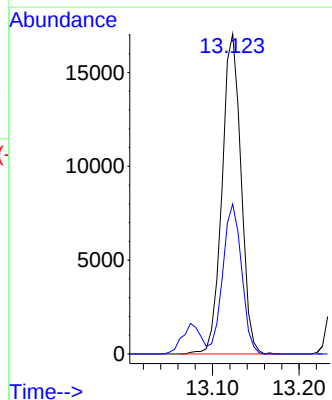
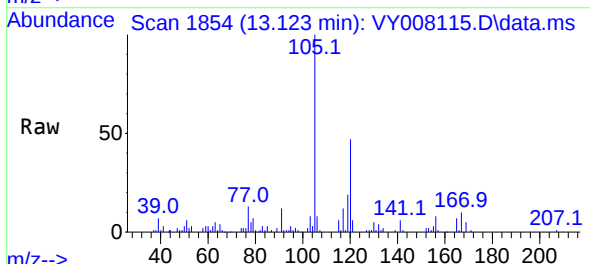
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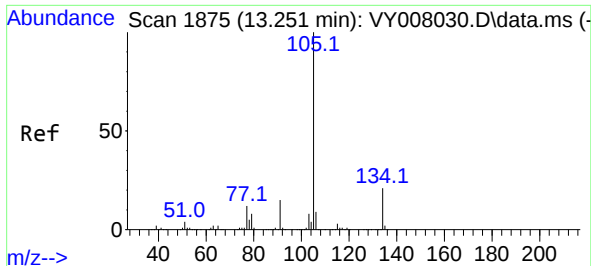
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#84
1,2,4-Trimethylbenzene
Concen: 3.851 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:105 Resp: 25921
Ion Ratio Lower Upper
105 100
120 46.6 22.3 66.9





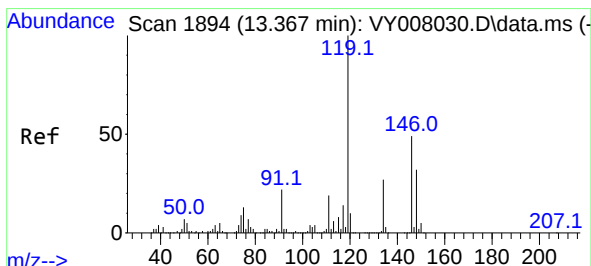
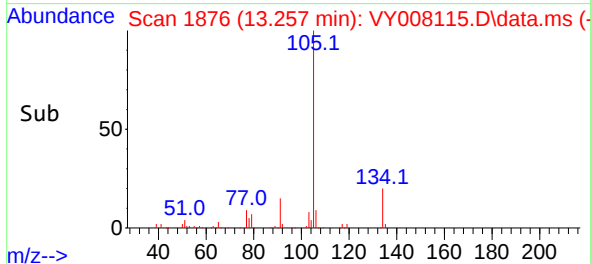
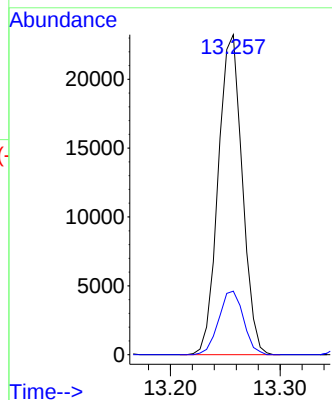
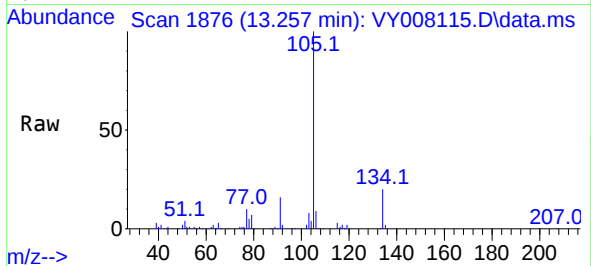
#85
 sec-Butylbenzene
 Concen: 3.898 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY008115.D
 Acq: 30 Mar 2022 17:14

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

Tgt Ion:105 Resp: 35428
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

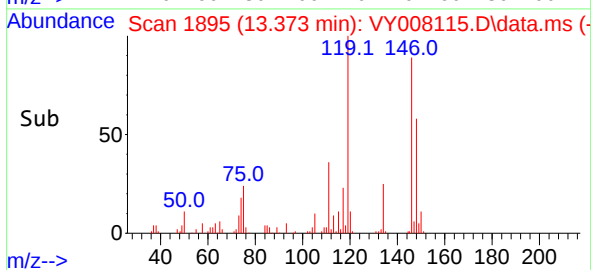
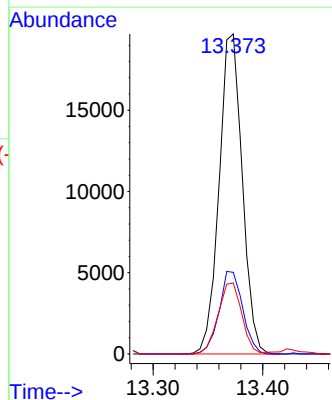
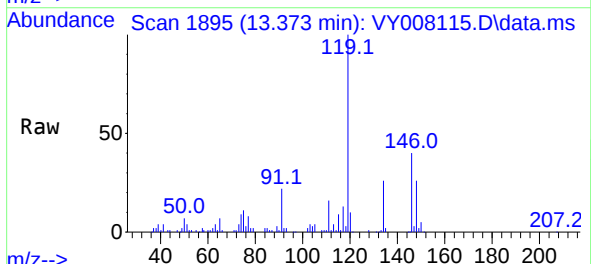
Manual Integrations
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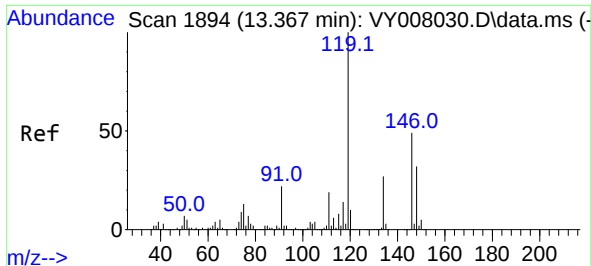
Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022



#86
 p-Isopropyltoluene
 Concen: 3.822 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008115.D
 Acq: 30 Mar 2022 17:14

Tgt Ion:119 Resp: 28912
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 22.9 12.4 37.2





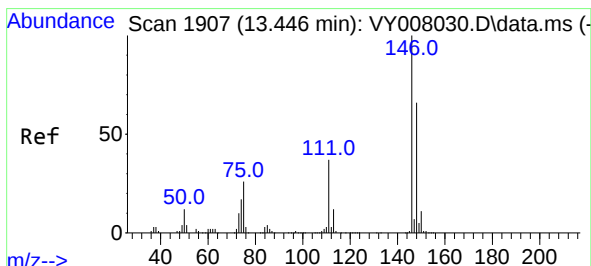
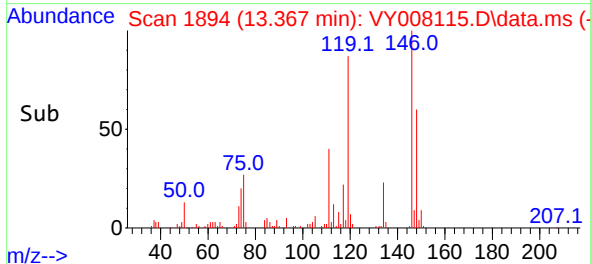
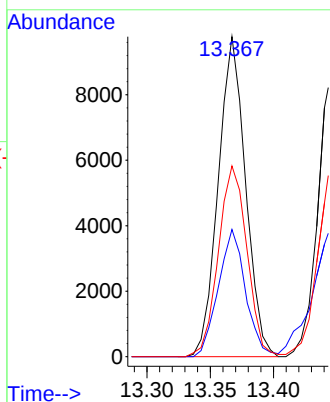
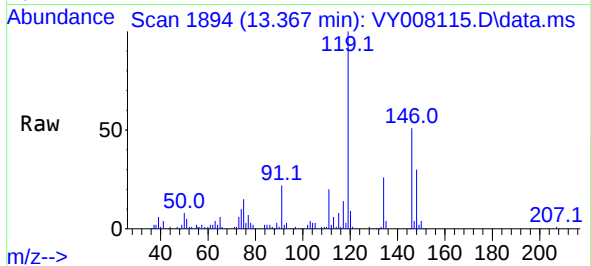
#87
1,3-Dichlorobenzene
Concen: 3.819 ug/l
RT: 13.367 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

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

Tgt Ion:146 Resp: 14654
Ion Ratio Lower Upper
146 100
111 39.8 19.5 58.5
148 62.6 31.6 95.0

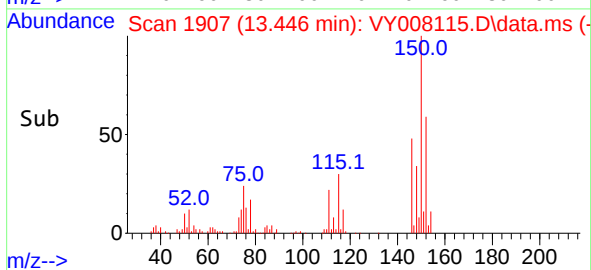
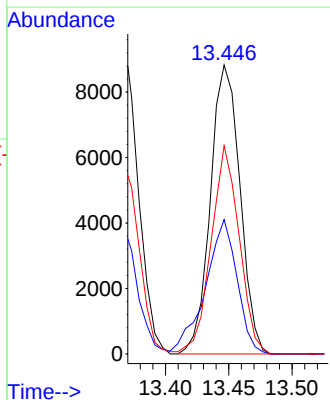
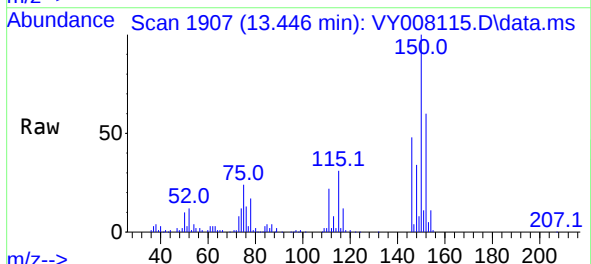
Manual Integrations
APPROVED

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



#88
1,4-Dichlorobenzene
Concen: 3.749 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:146 Resp: 14349
Ion Ratio Lower Upper
146 100
111 49.8 19.3 57.8
148 68.3 32.6 97.8





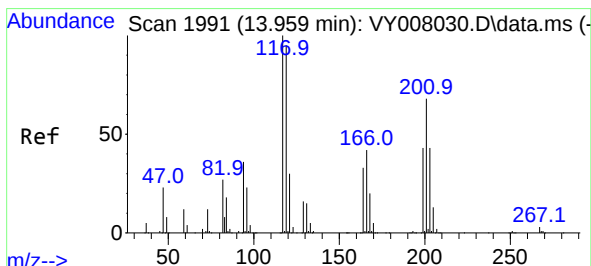
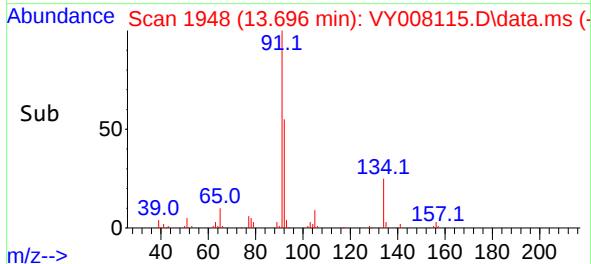
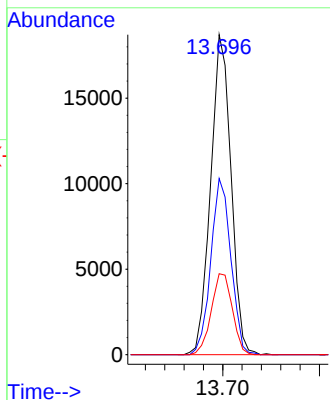
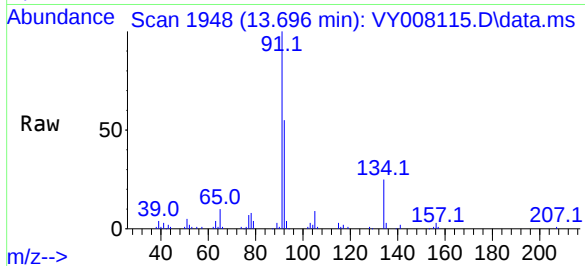
#89
n-Butylbenzene
Concen: 3.932 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

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

Tgt Ion: 91 Resp: 2736
Ion Ratio Lower Upper
91 100
92 54.2 26.3 78.9
134 26.1 13.0 38.9

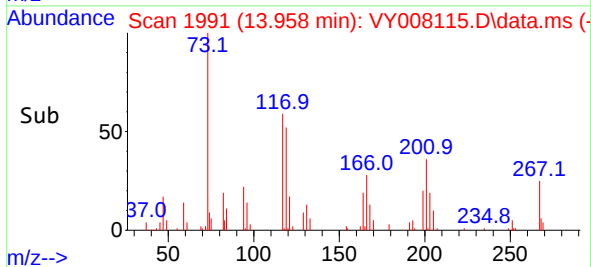
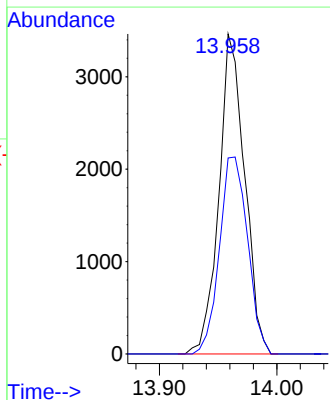
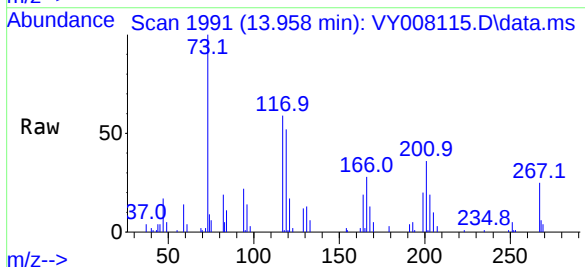
Manual Integrations
APPROVED

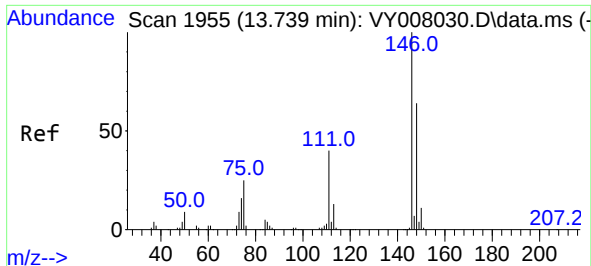
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#90
Hexachloroethane
Concen: 3.594 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

Tgt Ion:117 Resp: 5268
Ion Ratio Lower Upper
117 100
201 67.4 43.0 128.8





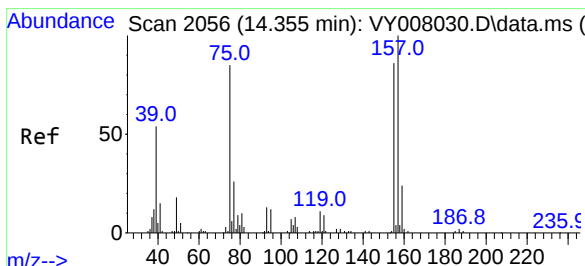
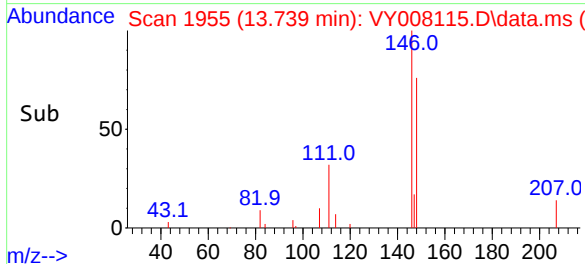
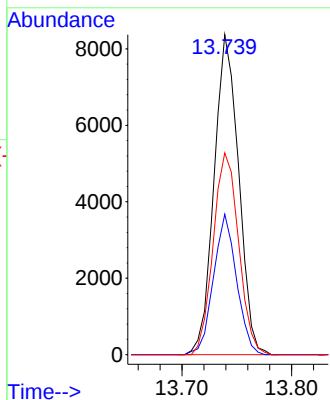
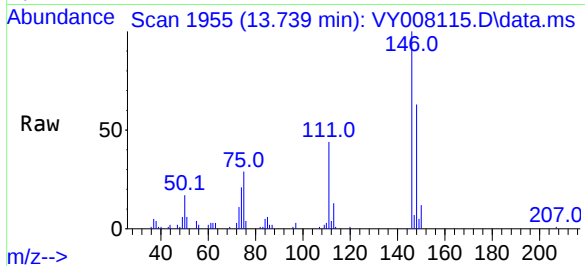
#91
1,2-Dichlorobenzene
Concen: 3.862 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

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

Tgt Ion:146 Resp: 13049
Ion Ratio Lower Upper
146 100
111 41.2 20.3 60.9
148 65.2 32.3 96.9

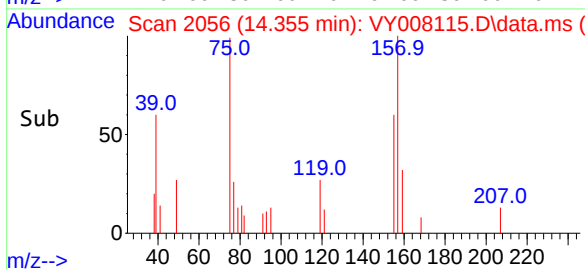
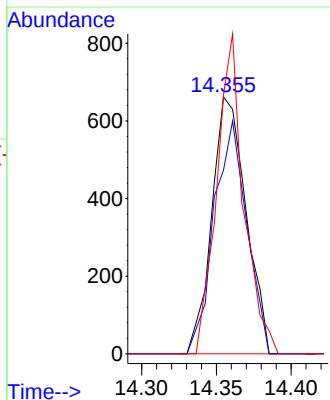
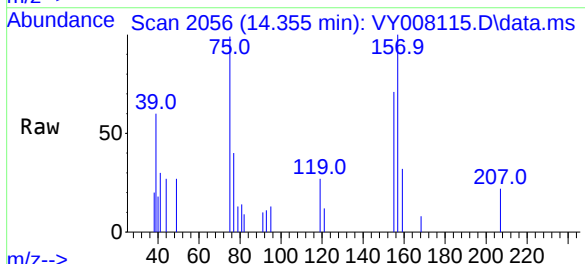
Manual Integrations
APPROVED

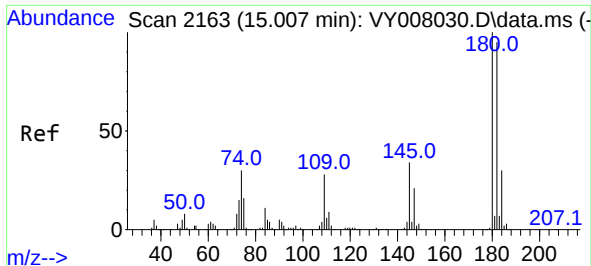
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.019 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

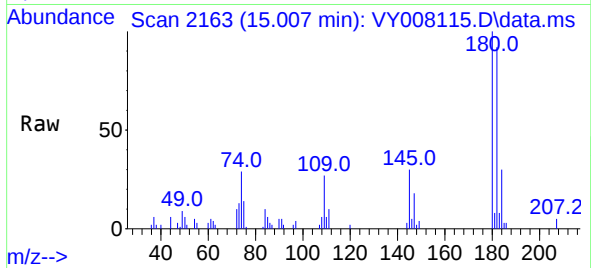
Tgt Ion: 75 Resp: 1052
Ion Ratio Lower Upper
75 100
155 86.9 38.0 113.9
157 98.0 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 3.687 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

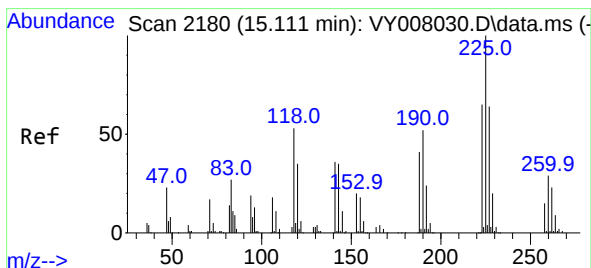
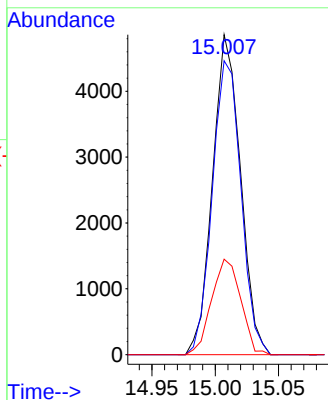
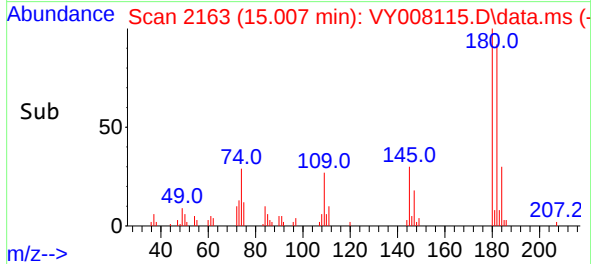
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



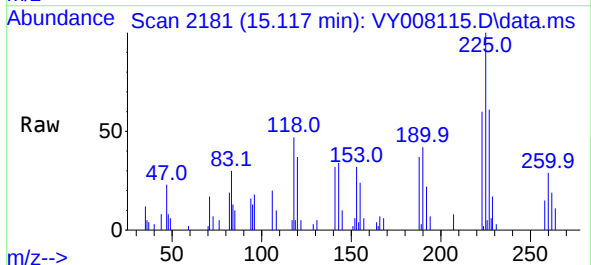
Tgt Ion:180 Resp: 7460
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.9
145 31.1 14.6 43.8

Manual Integrations
APPROVED

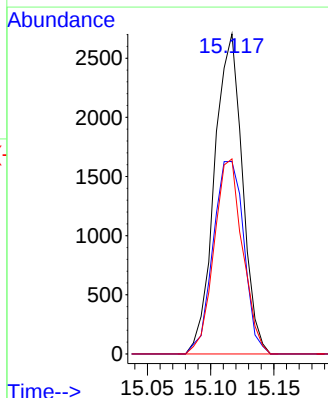
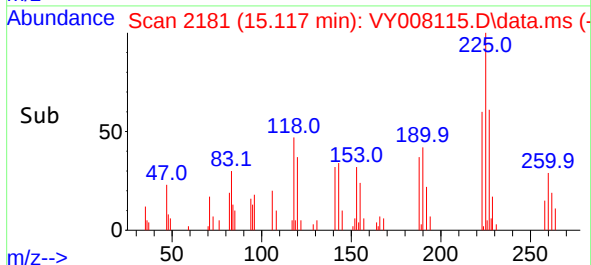
Reviewed By :Mahesh Dadoda 03/31/2022
Supervised By :Semsettin Yesilyurt 03/31/2022



#94
Hexachlorobutadiene
Concen: 3.876 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



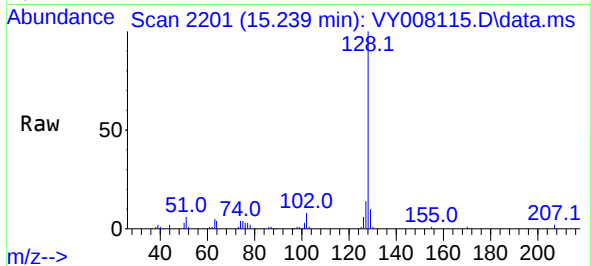
Tgt Ion:225 Resp: 4149
Ion Ratio Lower Upper
225 100
223 66.3 30.8 92.3
227 62.4 31.6 94.7





#95
Naphthalene
Concen: 5.010 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14

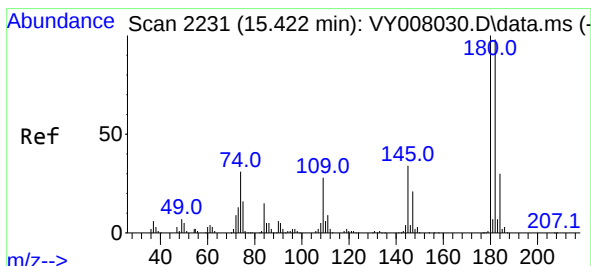
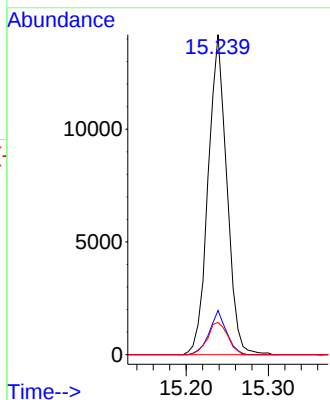
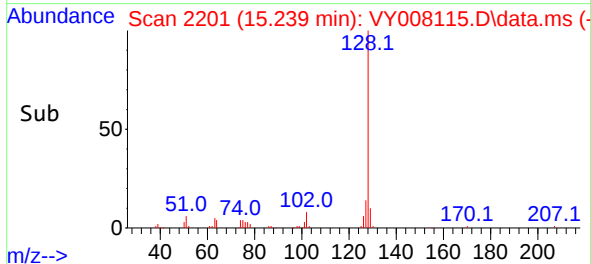
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2022



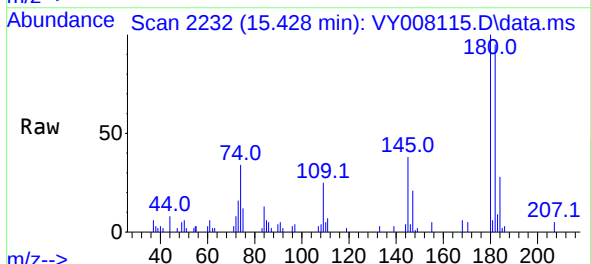
Tgt Ion:128 Resp: 22409
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 3.887 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008115.D
Acq: 30 Mar 2022 17:14



Tgt Ion:180 Resp: 6805
Ion Ratio Lower Upper
180 100
182 92.2 47.3 141.9
145 35.3 15.3 45.9

