

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020840.D
 Acq On : 10 Nov 2021 18:26
 Operator : SY/VA
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Quant Time: Nov 11 02:08:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:59:24 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	83688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	120955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	105491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	56562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	35159	50.803	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.600%			
35) Dibromofluoromethane	7.885	113	35838	52.999	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.000%			
50) Toluene-d8	10.323	98	134492	50.835	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.615	95	48062	50.353	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	387	2.466	ug/l	80
3) Chloromethane	2.215	50	2467	5.451	ug/l #	87
4) Vinyl Chloride	2.361	62	3627	5.171	ug/l	97
5) Bromomethane	2.770	94	2663	4.880	ug/l	90
6) Chloroethane	2.916	64	1517	4.877	ug/l	96
7) Trichlorofluoromethane	3.251	101	1940	6.845	ug/l	91
8) Diethyl Ether	3.678	74	1575	5.526	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.062	101	3708	5.771	ug/l	98
10) Methyl Iodide	4.263	142	4869	5.519	ug/l	97
11) Tert butyl alcohol	5.178	59	1345	28.262	ug/l	100
12) 1,1-Dichloroethene	4.038	96	3506	5.639	ug/l	90
13) Acrolein	3.897	56	481	22.990	ug/l	88
14) Allyl chloride	4.666	41	4848	5.265	ug/l	92
15) Acrylonitrile	5.367	53	4019	24.717	ug/l	99
16) Acetone	4.123	43	4542	30.356	ug/l	98
17) Carbon Disulfide	4.385	76	8654	5.222	ug/l	99
18) Methyl Acetate	4.678	43	3522	5.849	ug/l	94
19) Methyl tert-butyl Ether	5.428	73	5355	6.042	ug/l #	91
20) Methylene Chloride	4.916	84	6096	7.143	ug/l	95
21) trans-1,2-Dichloroethene	5.428	96	3691	5.470	ug/l	97
22) Diisopropyl ether	6.312	45	9266	5.359	ug/l #	92
23) Vinyl Acetate	6.257	43	25873	24.134	ug/l	97
24) 1,1-Dichloroethane	6.220	63	6102	5.358	ug/l #	93
25) 2-Butanone	7.177	43	5638	24.384	ug/l	98
26) 2,2-Dichloropropane	7.171	77	4315	5.583	ug/l	99
27) cis-1,2-Dichloroethene	7.165	96	4135	5.575	ug/l	90
28) Bromochloromethane	7.513	49	2808	5.201	ug/l #	90
29) Tetrahydrofuran	7.537	42	3527	24.470	ug/l	98
30) Chloroform	7.677	83	6883	5.735	ug/l	88
31) Cyclohexane	7.958	56	7757	6.249	ug/l #	80
32) 1,1,1-Trichloroethane	7.872	97	5788	5.428	ug/l	98
36) 1,1-Dichloropropene	8.086	75	5354	5.355	ug/l	95
37) Ethyl Acetate	7.257	43	2579	5.343	ug/l #	92
38) Carbon Tetrachloride	8.073	117	5620	5.367	ug/l	99
39) Methylcyclohexane	9.335	83	6779	5.169	ug/l	92
40) Benzene	8.323	78	16239	6.068	ug/l	100

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Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	1635	5.870	ug/l	96
42) 1,2-Dichloroethane	8.403	62	4439	5.636	ug/l	97
43) Isopropyl Acetate	8.427	43	4440	4.838	ug/l	95
44) Trichloroethene	9.092	130	4321	5.425	ug/l	96
45) 1,2-Dichloropropane	9.366	63	3173	5.220	ug/l	99
46) Dibromomethane	9.457	93	2024	5.384	ug/l	95
47) Bromodichloromethane	9.646	83	4535	5.049	ug/l	100
48) Methyl methacrylate	9.439	41	2269	5.179	ug/l	98
49) 1,4-Dioxane	9.457	88	543	95.439	ug/l #	87
51) 4-Methyl-2-Pentanone	10.207	43	11852	24.319	ug/l	98
52) Toluene	10.390	92	9505	5.422	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	4475	4.842	ug/l	95
54) cis-1,3-Dichloropropene	10.073	75	5148	5.006	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	2589	5.187	ug/l	97
56) Ethyl methacrylate	10.646	69	3447	5.005	ug/l	93
57) 1,3-Dichloropropane	10.927	76	4496	5.332	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.921	63	8613	22.259	ug/l	95
59) 2-Hexanone	10.969	43	8461	23.653	ug/l	98
60) Dibromochloromethane	11.128	129	3282	5.005	ug/l	98
61) 1,2-Dibromoethane	11.238	107	2838	5.504	ug/l	95
64) Tetrachloroethene	10.860	164	4095	5.999	ug/l	86
65) Chlorobenzene	11.658	112	9967	5.403	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.731	131	3627	5.420	ug/l	99
67) Ethyl Benzene	11.731	91	18192	5.365	ug/l	95
68) m/p-Xylenes	11.841	106	14073	10.495	ug/l	94
69) o-Xylene	12.164	106	6834	5.492	ug/l	90
70) Styrene	12.182	104	10790	5.192	ug/l	96
71) Bromoform	12.347	173	2100	4.855	ug/l #	94
73) Isopropylbenzene	12.463	105	18584	5.267	ug/l	96
74) N-amyl acetate	12.268	43	3835	4.552	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.713	83	3150	5.001	ug/l	92
76) 1,2,3-Trichloropropane	12.762	75	2064m	4.746	ug/l	
77) Bromobenzene	12.749	156	4359	5.331	ug/l	91
78) n-propylbenzene	12.804	91	21619	5.043	ug/l	96
79) 2-Chlorotoluene	12.890	91	12322	5.241	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	15633	5.318	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	953	4.313	ug/l	96
82) 4-Chlorotoluene	12.987	91	12842	5.278	ug/l	96
83) tert-Butylbenzene	13.207	119	14022	5.080	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	15504	5.366	ug/l	98
85) sec-Butylbenzene	13.384	105	20740	5.257	ug/l	99
86) p-Isopropyltoluene	13.493	119	17286	5.112	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	8931	5.401	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	8536	5.226	ug/l	91
89) n-Butylbenzene	13.822	91	16204	5.148	ug/l	97
90) Hexachloroethane	14.091	117	3230	4.968	ug/l	99
91) 1,2-Dichlorobenzene	13.865	146	8135	5.818	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	616	4.874	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	5909	5.548	ug/l	93
94) Hexachlorobutadiene	15.231	225	3376	5.028	ug/l	95
95) Naphthalene	15.359	128	10547	5.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	4742	5.154	ug/l	97

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ClientSampleId :
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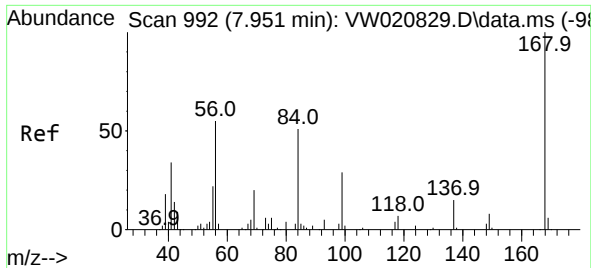
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 11 02:08:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
Quant Title : SW846 8260
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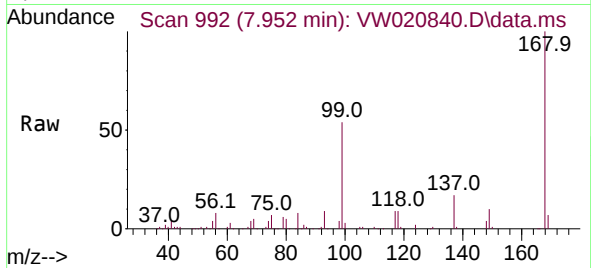
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 99
Delta R.T. 0.001 min
Lab File: VW020840.D
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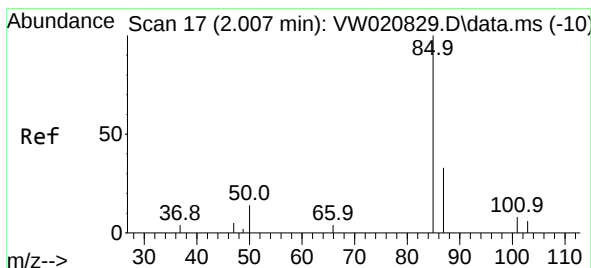
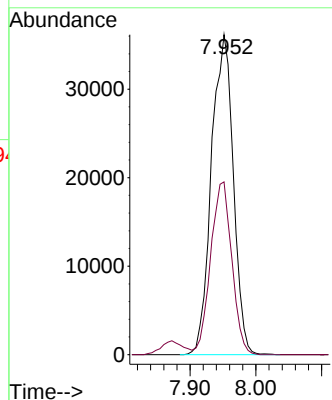
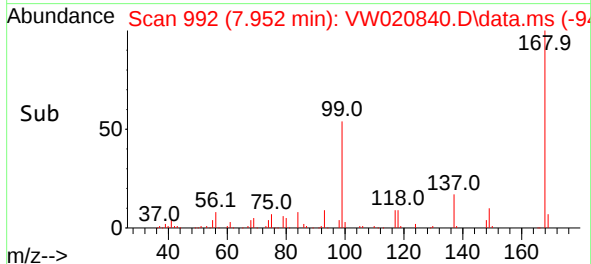
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:168 Resp: 8368
Ion Ratio Lower Upper
168 100
99 54.0 45.4 68.0

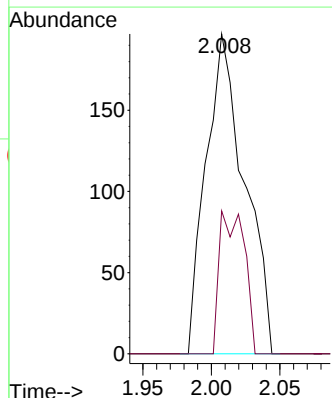
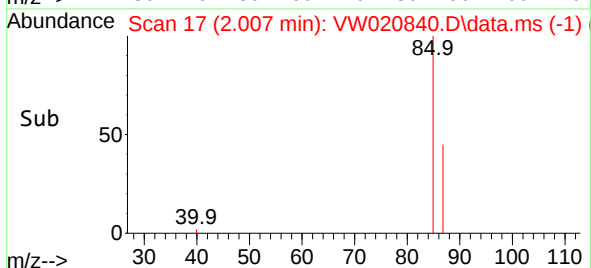
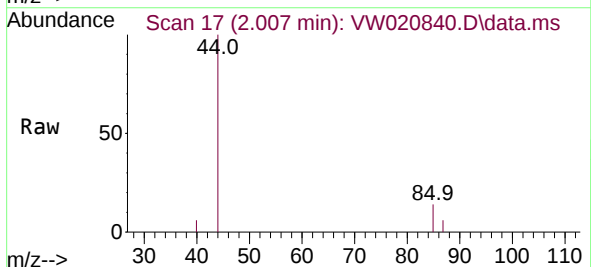
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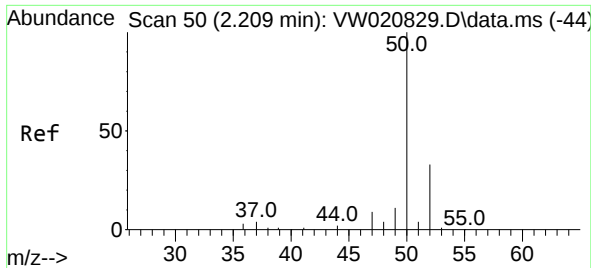
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#2
Dichlorodifluoromethane
Concen: 2.466 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

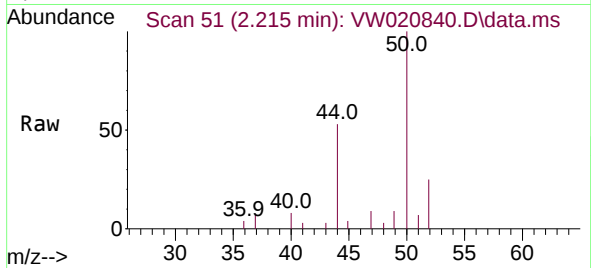
Tgt Ion: 85 Resp: 387
Ion Ratio Lower Upper
85 100
87 44.7 16.7 50.0





#3
Chloromethane
Concen: 5.451 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

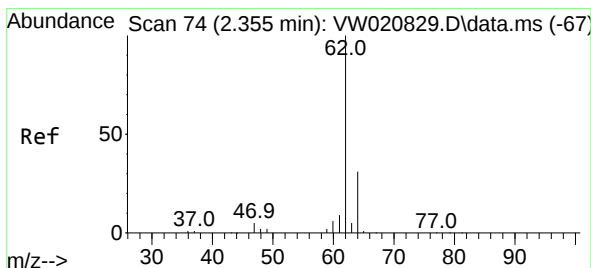
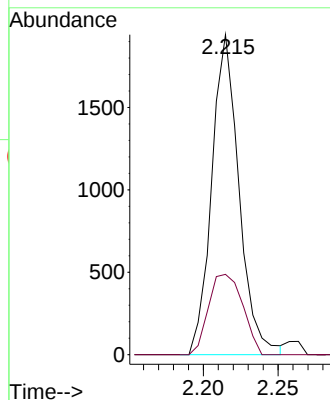
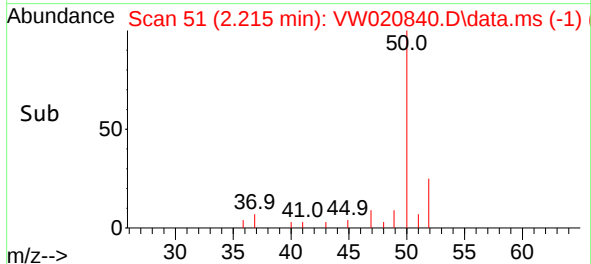
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ClientSampleId :
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Tgt Ion: 50 Resp: 246
Ion Ratio Lower Upper
50 100
52 25.1 25.9 38.9

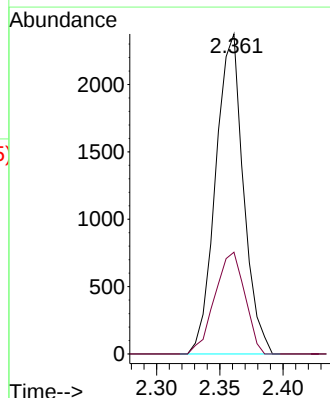
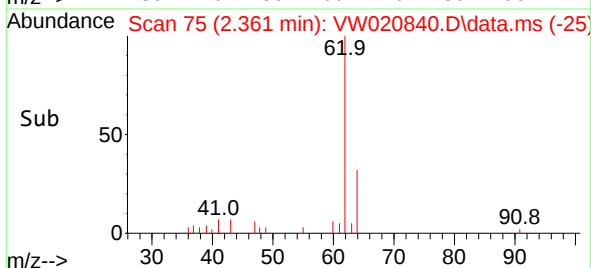
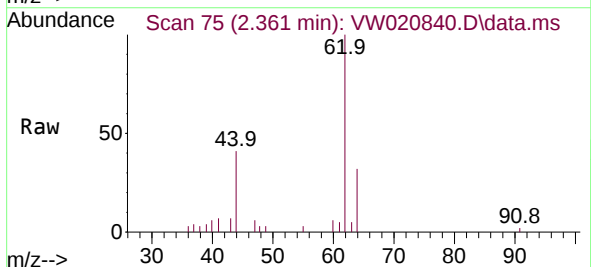
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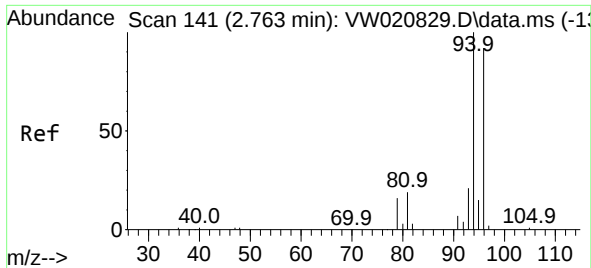
Reviewed By :Semsettin Yesilyurt 11/15/2021
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#4
Vinyl Chloride
Concen: 5.171 ug/l
RT: 2.361 min Scan# 75
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

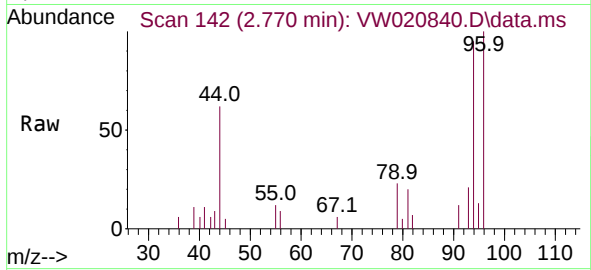
Tgt Ion: 62 Resp: 3627
Ion Ratio Lower Upper
62 100
64 31.8 26.6 40.0





#5
Bromomethane
Concen: 4.880 ug/l
RT: 2.770 min Scan# 141
Delta R.T. 0.007 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

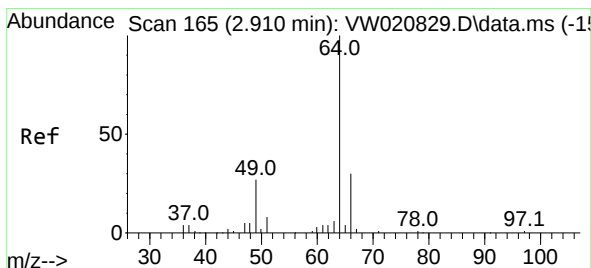
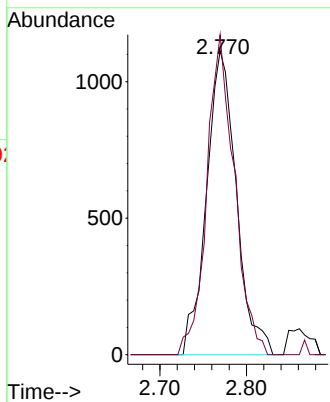
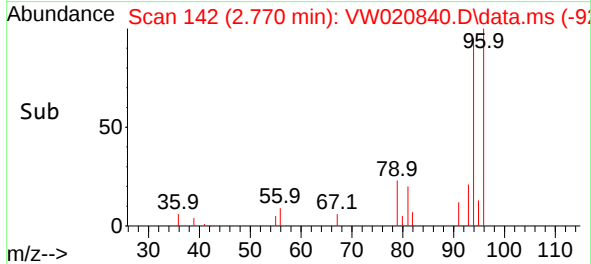
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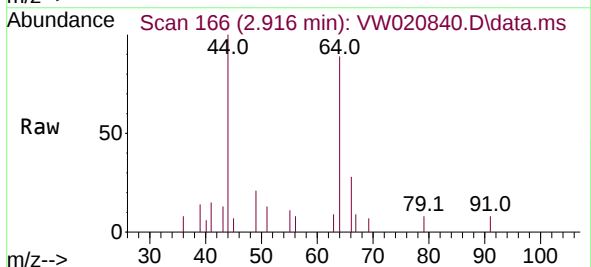
Tgt Ion: 94 Resp: 266
Ion Ratio Lower Upper
94 100
96 105.3 76.7 115.1

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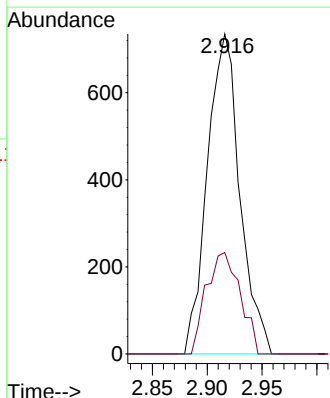
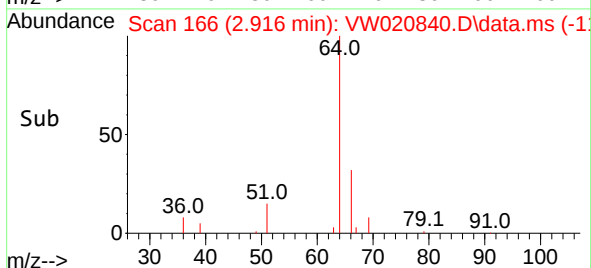
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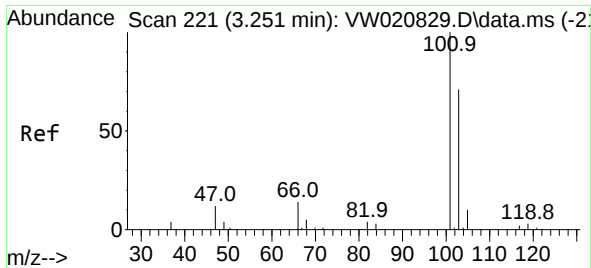


#6
Chloroethane
Concen: 4.877 ug/l
RT: 2.916 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26



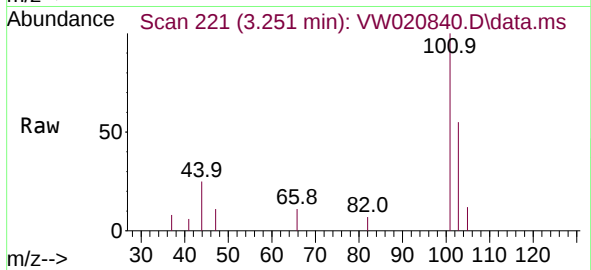
Tgt Ion: 64 Resp: 1517
Ion Ratio Lower Upper
64 100
66 31.7 27.0 40.4





#7
Trichlorofluoromethane
Concen: 6.845 ug/l
RT: 3.251 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

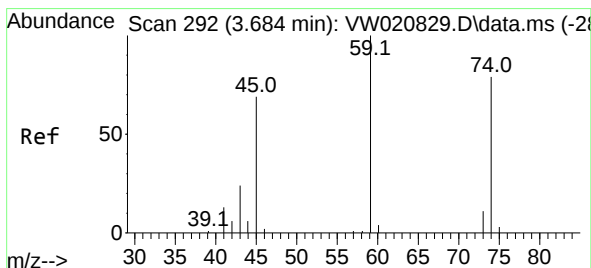
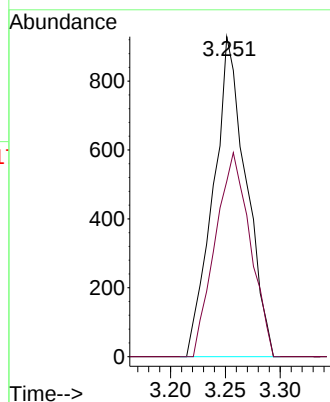
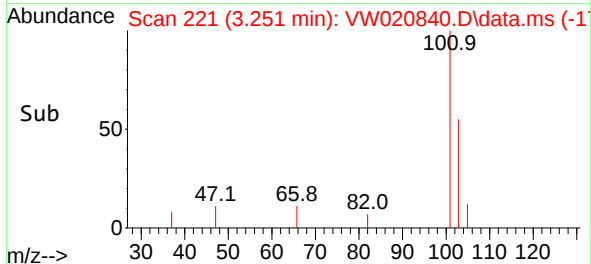
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT4-2021



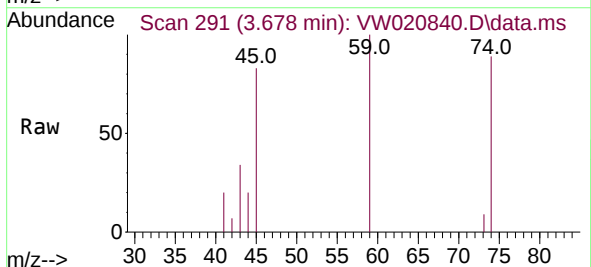
Tgt Ion:101 Resp: 1940
Ion Ratio Lower Upper
101 100
103 54.8 49.4 74.0

Manual Integrations
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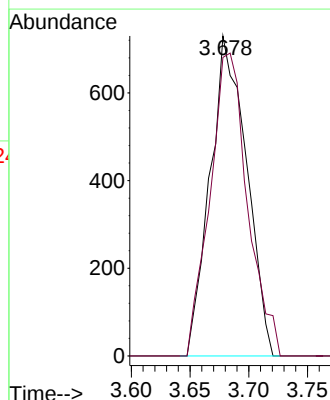
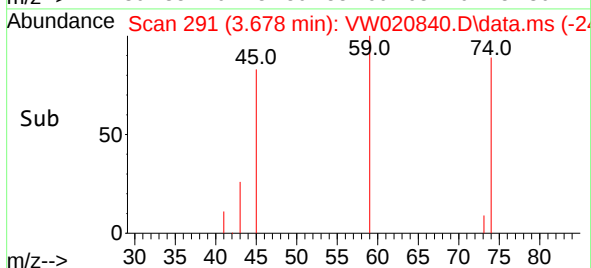
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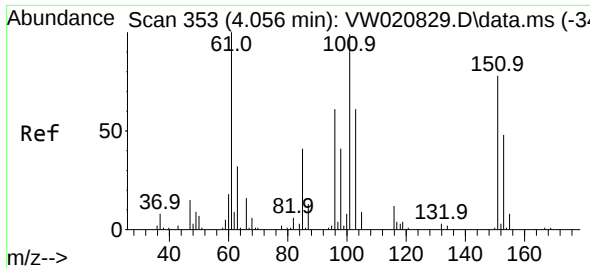


#8
Diethyl Ether
Concen: 5.526 ug/l
RT: 3.678 min Scan# 291
Delta R.T. -0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26



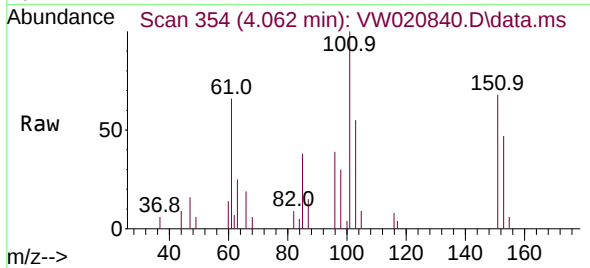
Tgt Ion: 74 Resp: 1575
Ion Ratio Lower Upper
74 100
45 97.6 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.771 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020840.D
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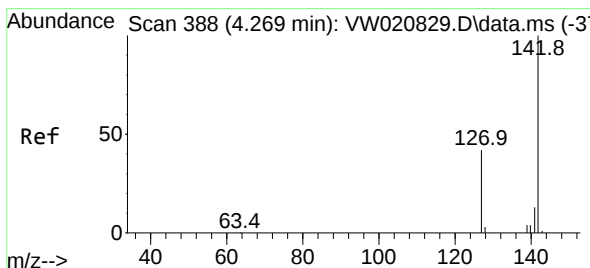
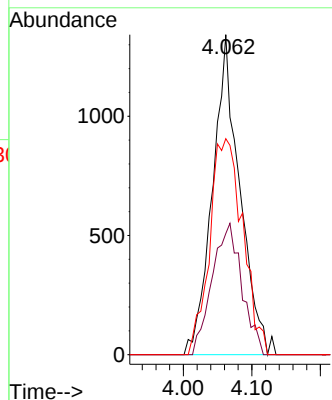
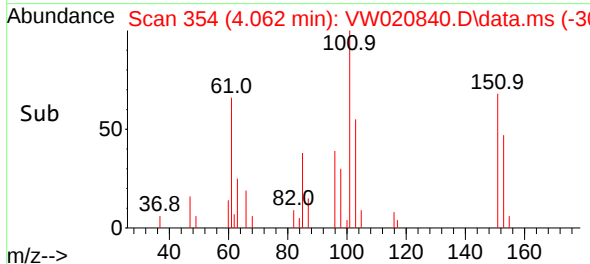
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:101 Resp: 3708
Ion Ratio Lower Upper
101 100
85 44.7 34.9 52.3
151 81.9 64.5 96.7

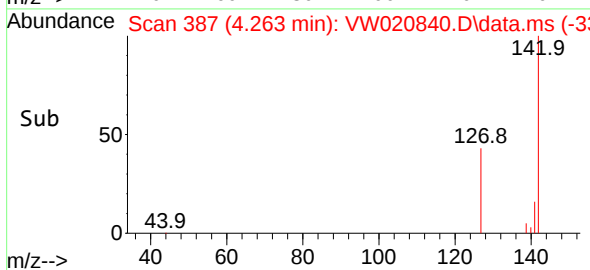
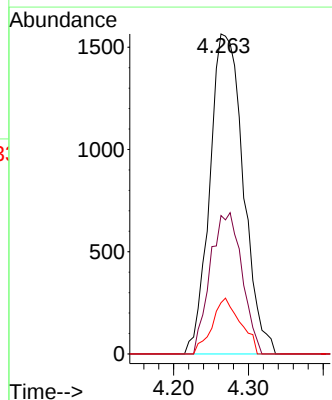
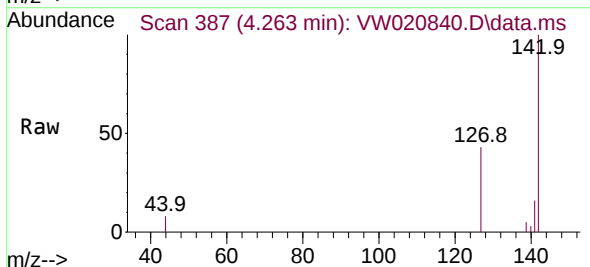
Manual Integrations
APPROVED

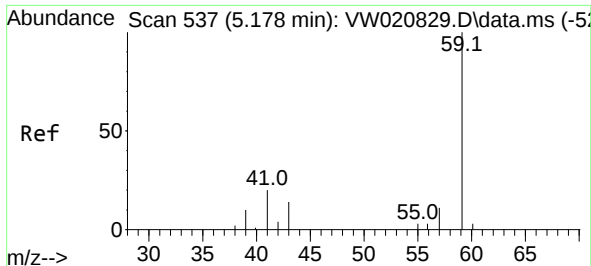
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 5.519 ug/l
RT: 4.263 min Scan# 387
Delta R.T. -0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

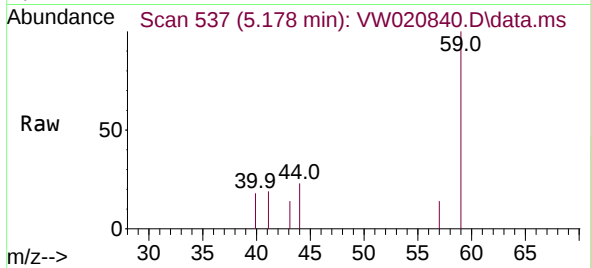
Tgt Ion:142 Resp: 4869
Ion Ratio Lower Upper
142 100
127 41.8 35.8 53.6
141 14.8 11.8 17.6





#11
Tert butyl alcohol
Concen: 28.262 ug/l
RT: 5.178 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

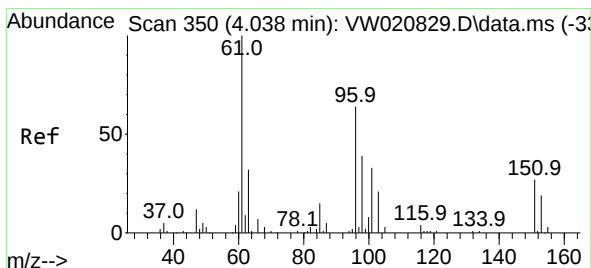
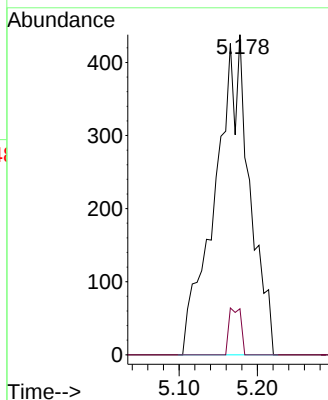
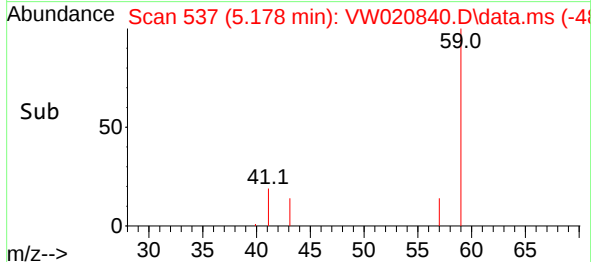
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



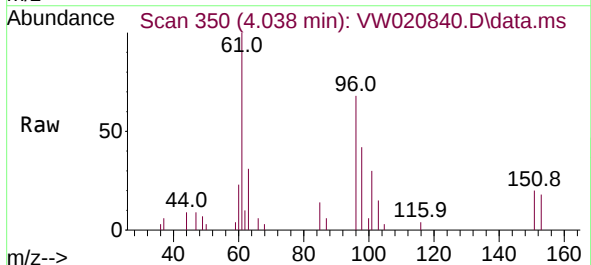
Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 5.1 4.2 6.2

Manual Integrations
APPROVED

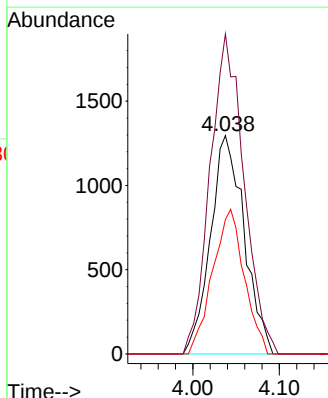
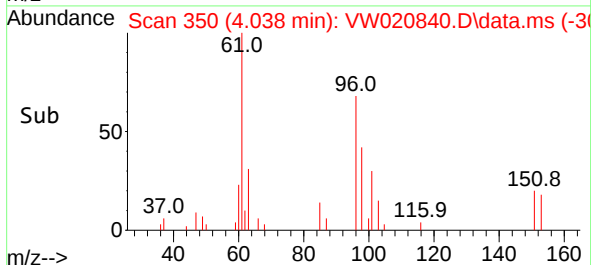
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

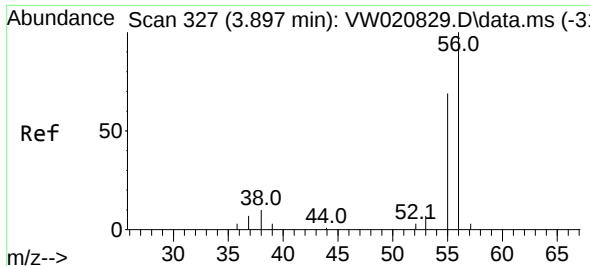


#12
1,1-Dichloroethene
Concen: 5.639 ug/l
RT: 4.038 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26



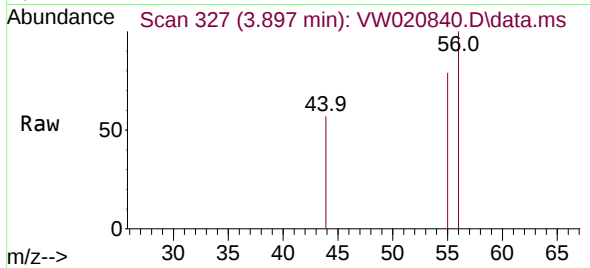
Tgt Ion: 96 Resp: 3506
Ion Ratio Lower Upper
96 100
61 146.5 131.0 196.6
98 61.6 47.8 71.6





#13
Acrolein
Concen: 22.990 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

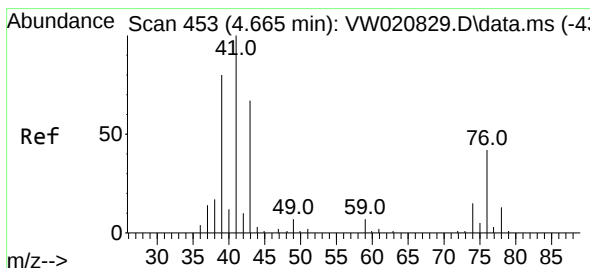
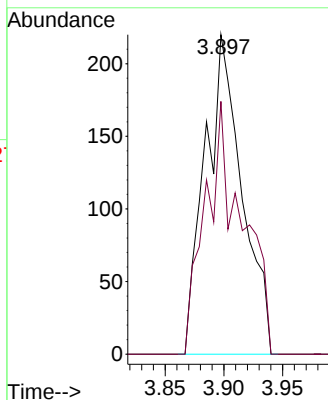
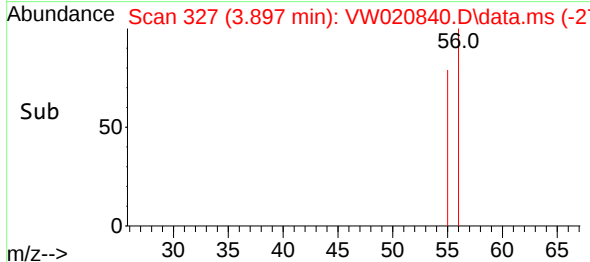
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



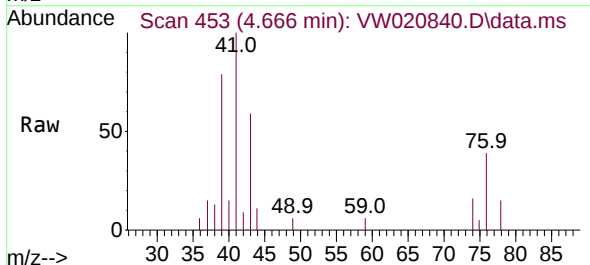
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 79.0 55.5 83.3

Manual Integrations
APPROVED

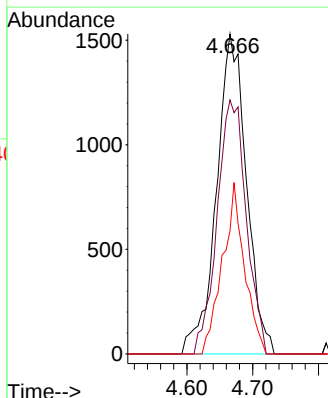
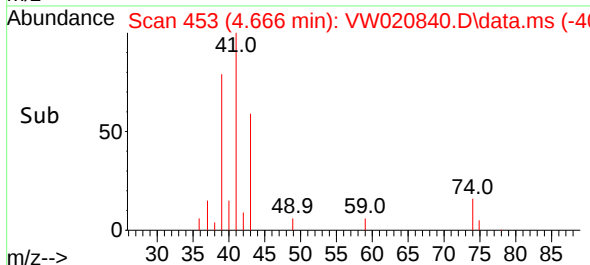
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

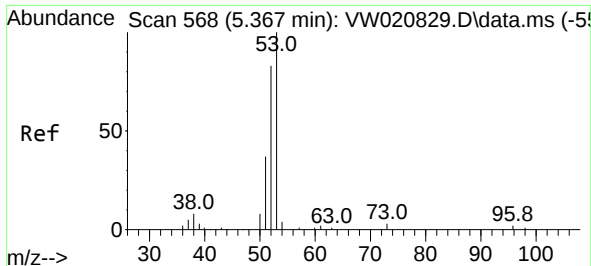


#14
Allyl chloride
Concen: 5.265 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.001 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26



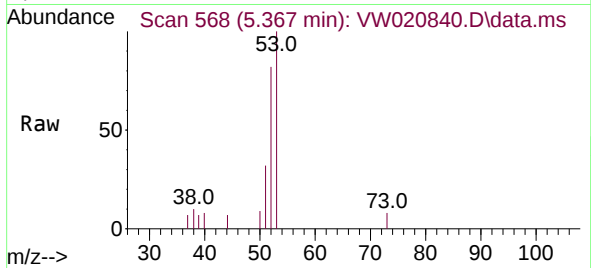
Tgt Ion: 41 Resp: 4848
Ion Ratio Lower Upper
41 100
39 77.2 57.1 85.7
76 39.3 27.1 40.7





#15
Acrylonitrile
Concen: 24.717 ug/l
RT: 5.367 min Scan# 568
Delta R.T. -0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

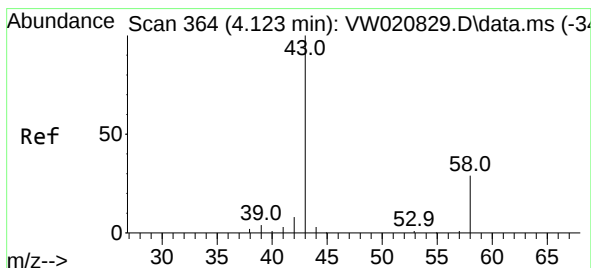
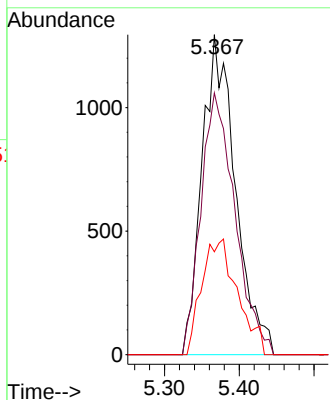
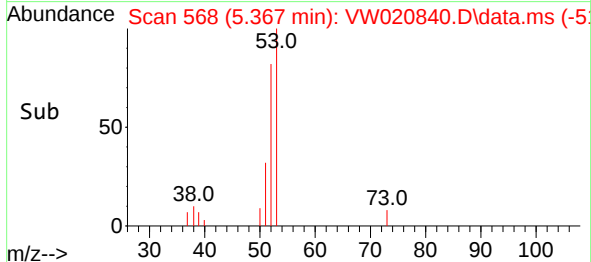
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 53 Resp: 4019
Ion Ratio Lower Upper
53 100
52 83.7 66.8 100.2
51 38.6 30.1 45.1

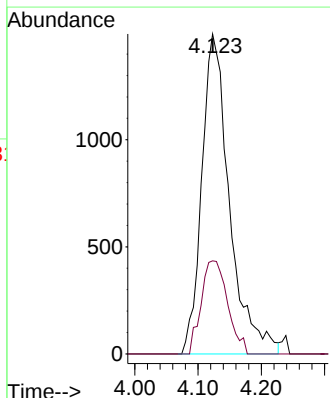
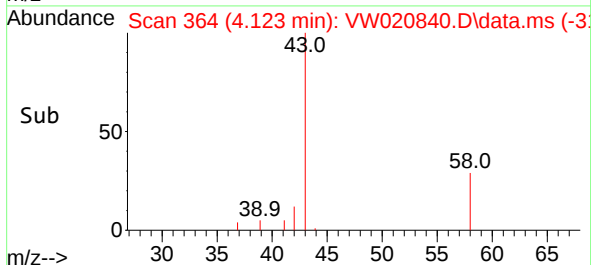
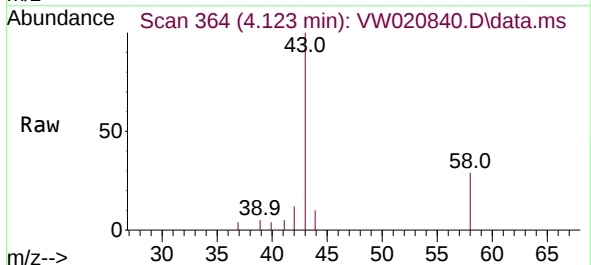
Manual Integrations
APPROVED

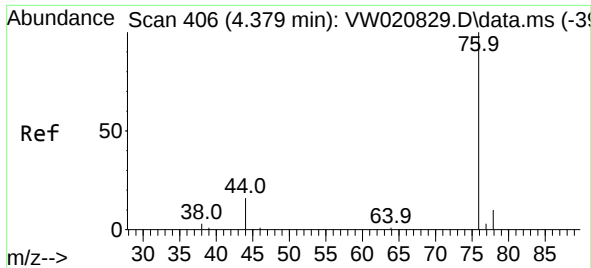
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 30.356 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Tgt Ion: 43 Resp: 4542
Ion Ratio Lower Upper
43 100
58 29.1 24.2 36.2





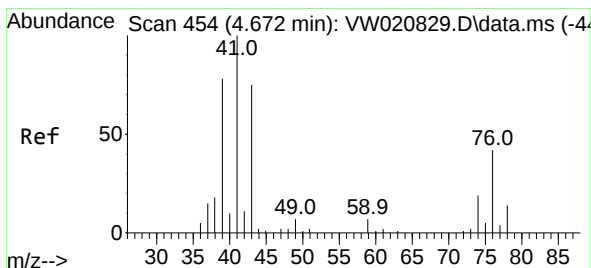
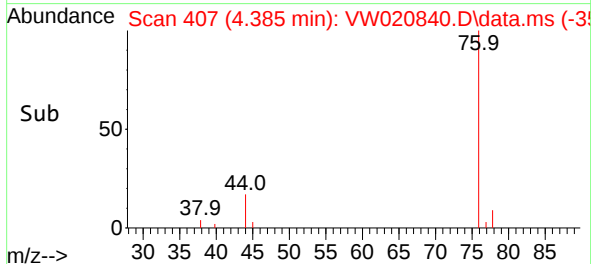
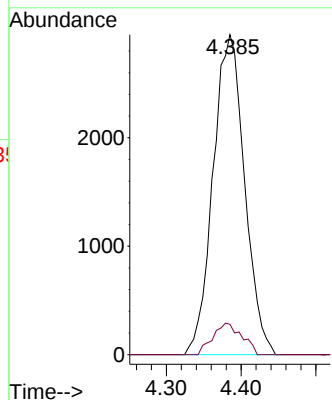
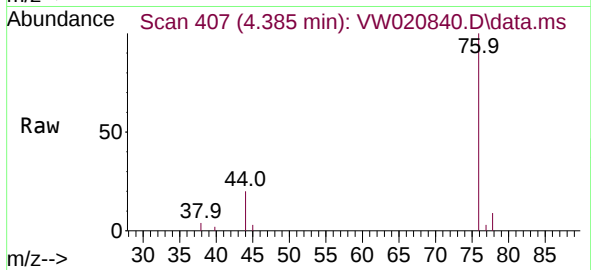
#17
Carbon Disulfide
Concen: 5.222 ug/l
RT: 4.385 min Scan# 406
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion: 76 Resp: 8654
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

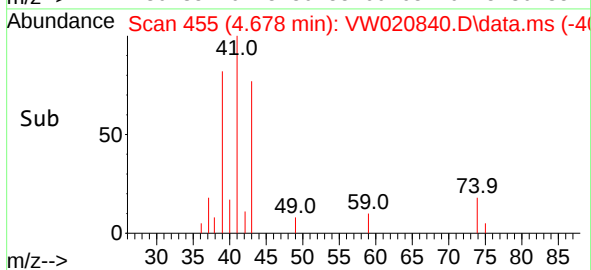
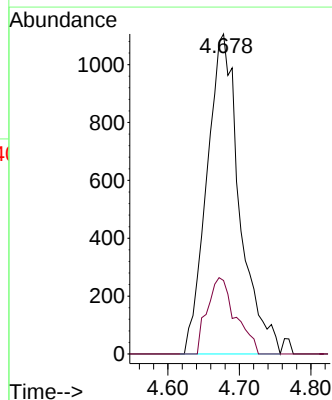
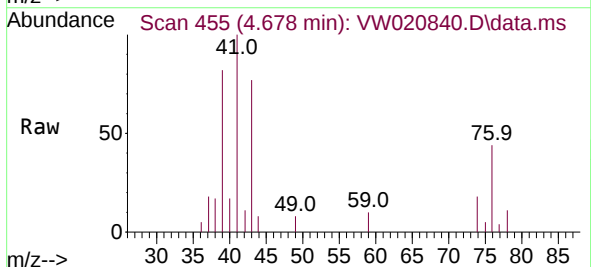
Manual Integrations
APPROVED

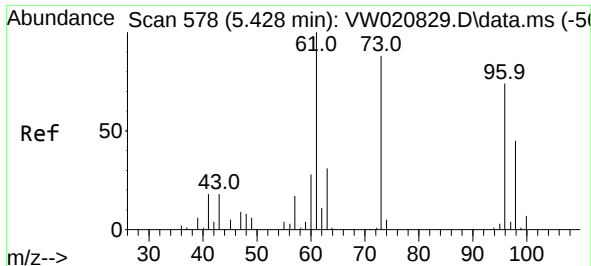
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 5.849 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

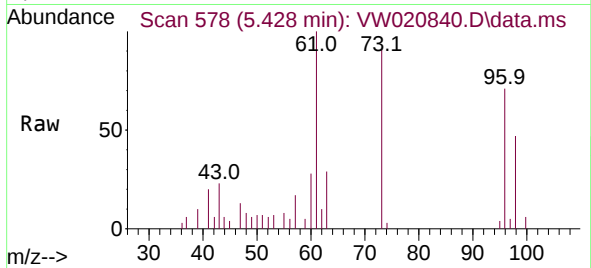
Tgt Ion: 43 Resp: 3522
Ion Ratio Lower Upper
43 100
74 20.5 18.7 28.1





#19
Methyl tert-butyl Ether
Concen: 6.042 ug/l
RT: 5.428 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

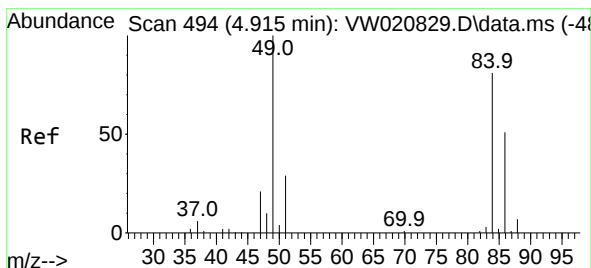
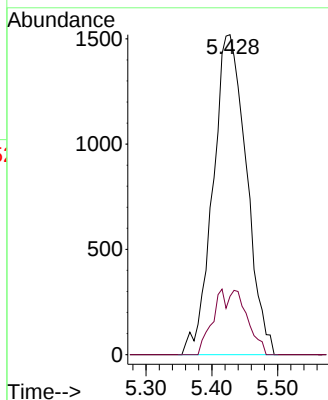
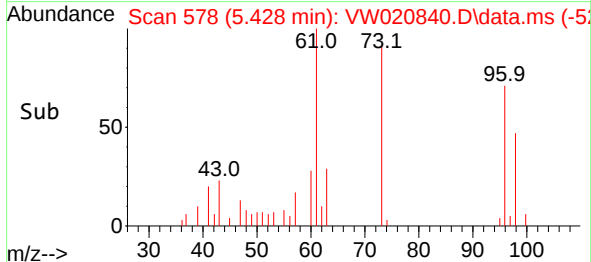
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 73 Resp: 535
Ion Ratio Lower Upper
73 100
57 18.2 18.2 27.4

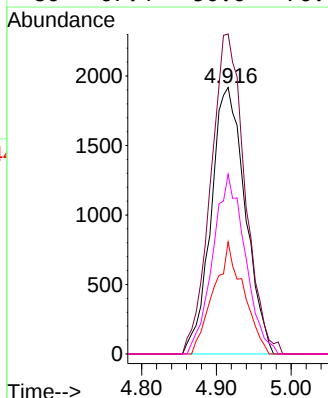
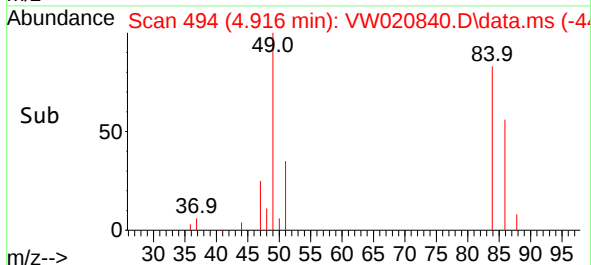
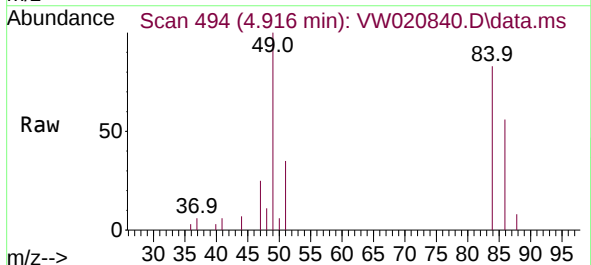
Manual Integrations
APPROVED

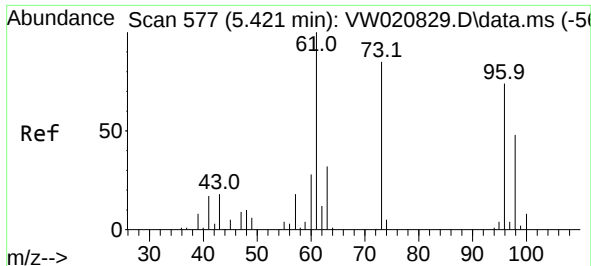
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 7.143 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.001 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

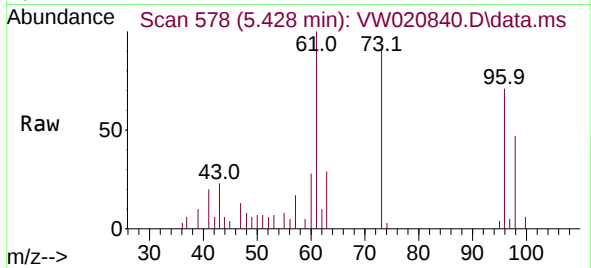
Tgt Ion: 84 Resp: 6096
Ion Ratio Lower Upper
84 100
49 120.1 100.0 150.0
51 42.0 30.8 46.2
86 67.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 5.470 ug/l
RT: 5.428 min Scan# 51
Delta R.T. 0.007 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

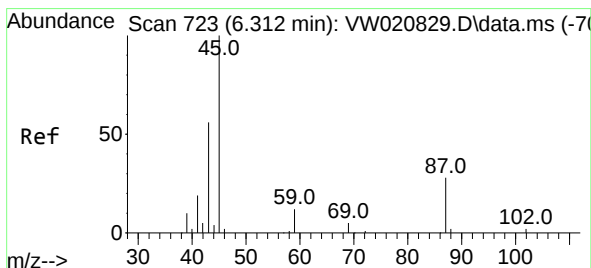
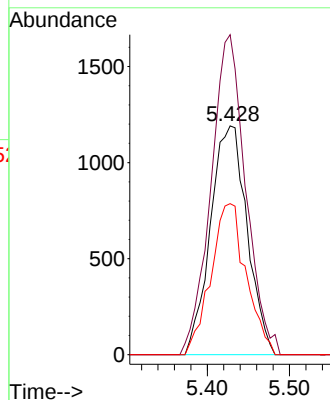
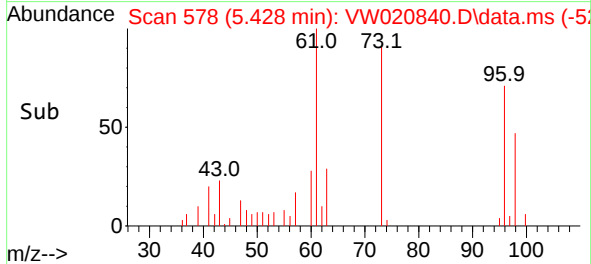
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 96 Resp: 369
Ion Ratio Lower Upper
96 100
61 139.9 113.5 170.3
98 66.0 48.6 72.8

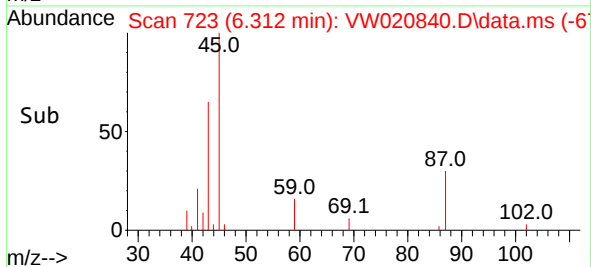
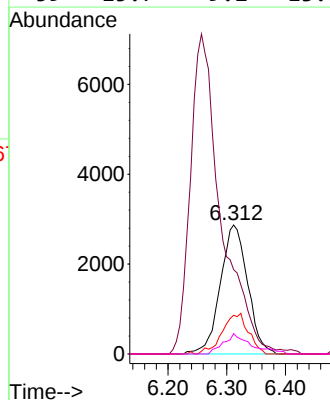
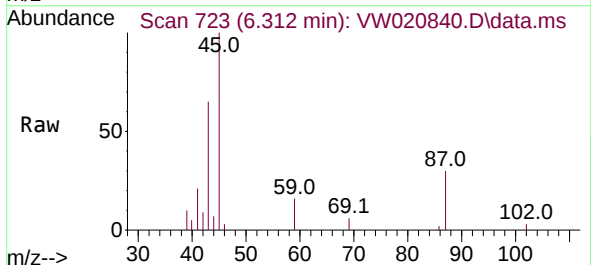
Manual Integrations
APPROVED

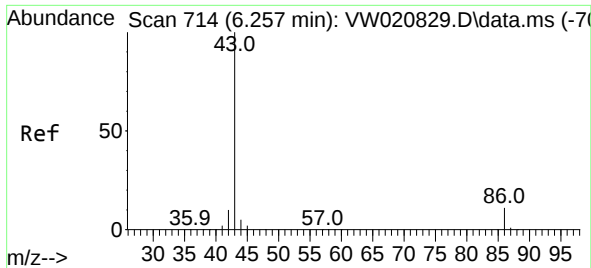
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
Diisopropyl ether
Concen: 5.359 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

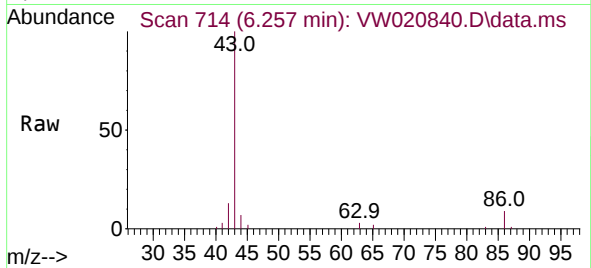
Tgt Ion: 45 Resp: 9266
Ion Ratio Lower Upper
45 100
43 61.8 45.1 67.7
87 30.1 21.2 31.8
59 15.7 9.2 13.8





#23
 Vinyl Acetate
 Concen: 24.134 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW020840.D
 Acq: 10 Nov 2021 18:26

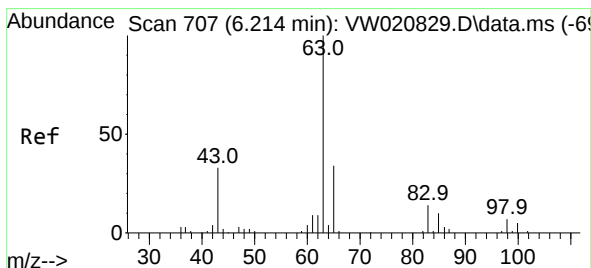
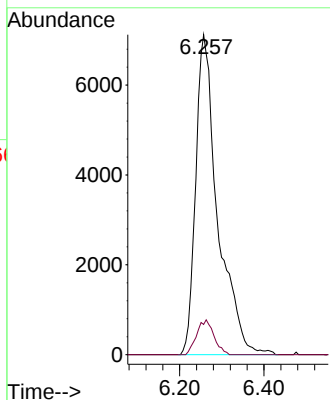
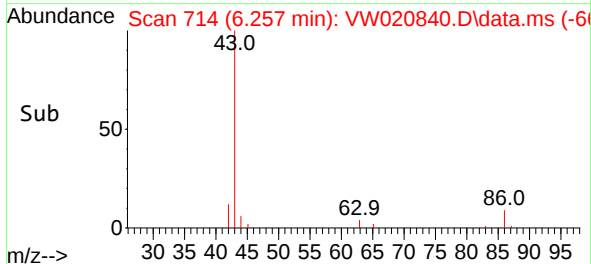
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021



Tgt Ion: 43 Resp: 2587
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7

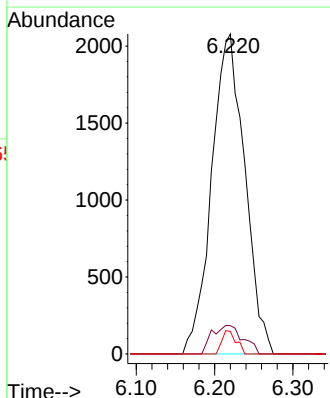
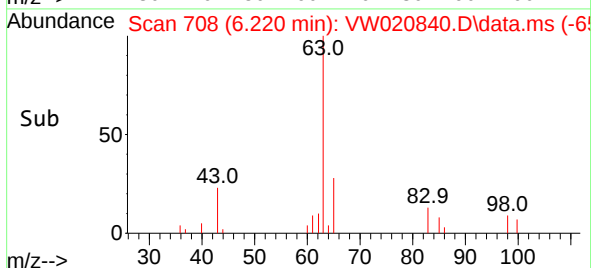
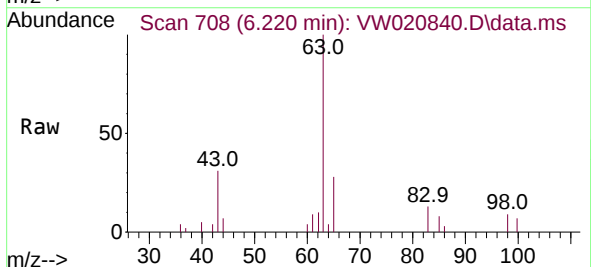
Manual Integrations
 APPROVED

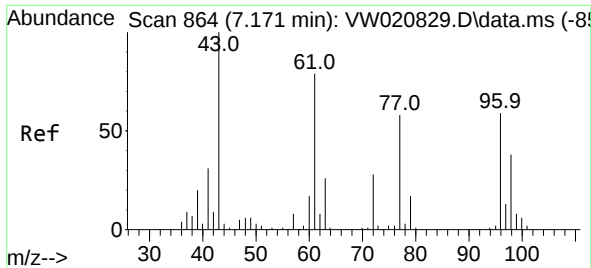
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 5.358 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VW020840.D
 Acq: 10 Nov 2021 18:26

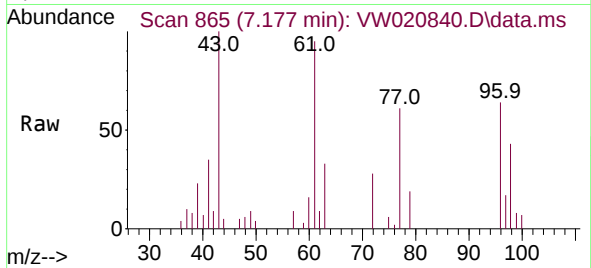
Tgt Ion: 63 Resp: 6102
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.2 9.6
 100 7.1 2.3 6.8#





#25
2-Butanone
Concen: 24.384 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

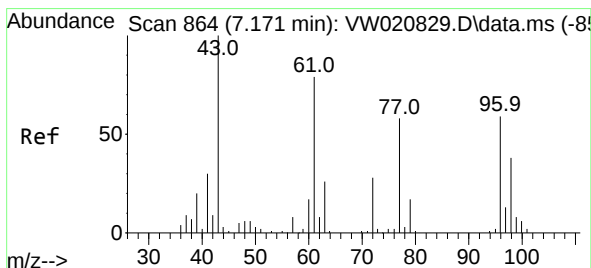
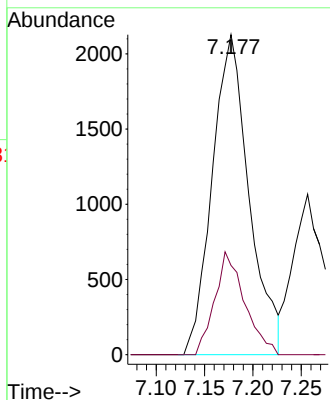
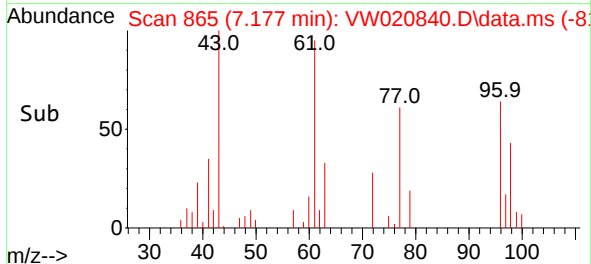
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



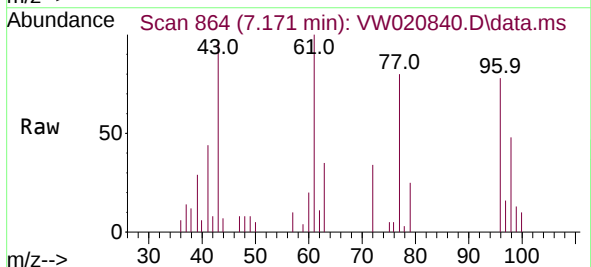
Tgt Ion: 43 Resp: 5638
Ion Ratio Lower Upper
43 100
72 27.9 21.4 32.0

Manual Integrations
APPROVED

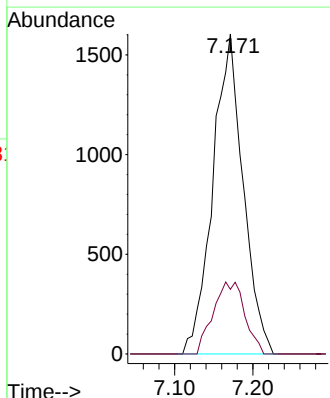
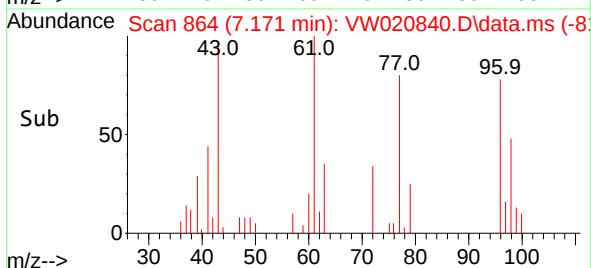
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

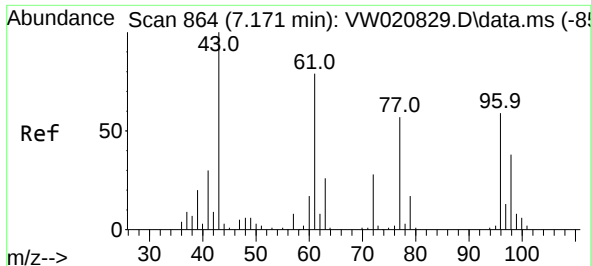


#26
2,2-Dichloropropane
Concen: 5.583 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26



Tgt Ion: 77 Resp: 4315
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 5.575 ug/l

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_W

ClientSampleId :

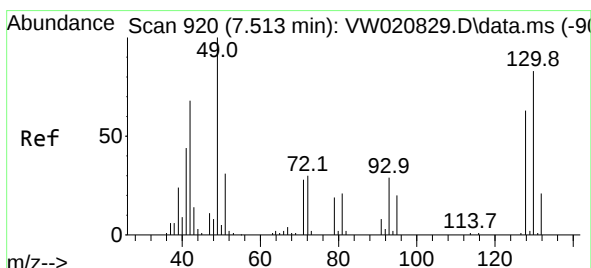
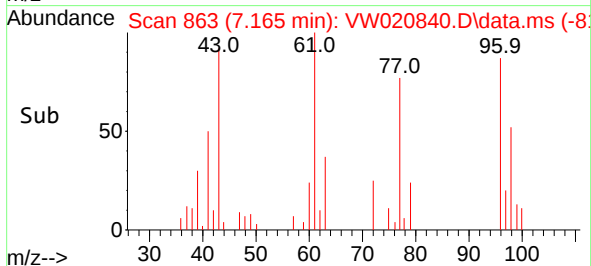
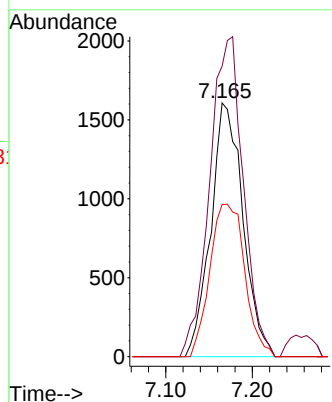
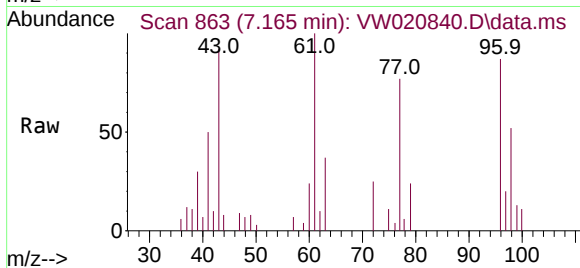
LOQ-SOIL-02-QT4-2021

Tgt Ion:	96	Resp:	413
Ion	Ratio	Lower	Upper
96	100		
61	131.9	0.0	298.0
98	65.2	0.0	129.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#28

Bromochloromethane

Concen: 5.201 ug/l

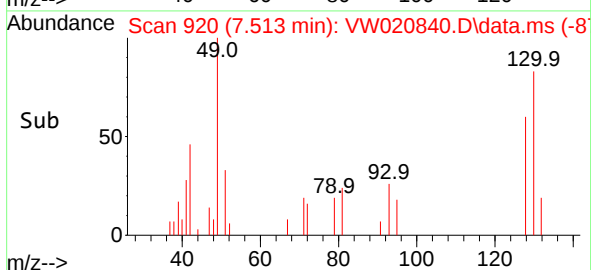
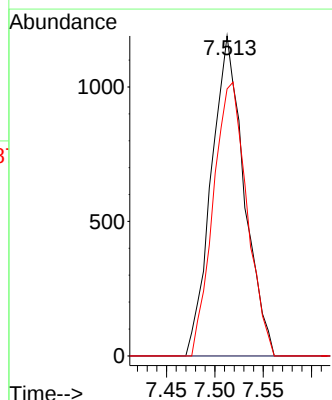
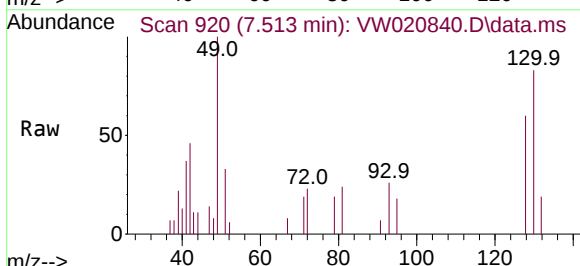
RT: 7.513 min Scan# 920

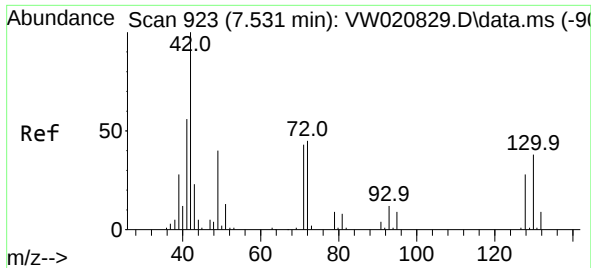
Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Tgt Ion:	49	Resp:	2808
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	87.9	63.0	94.6





#29

Tetrahydrofuran

Concen: 24.470 ug/l

RT: 7.537 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_W

ClientSampleId :

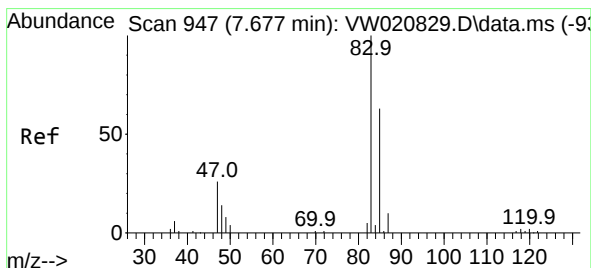
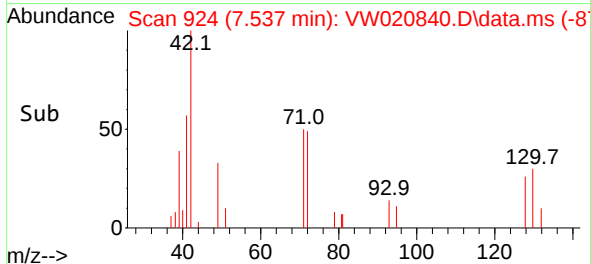
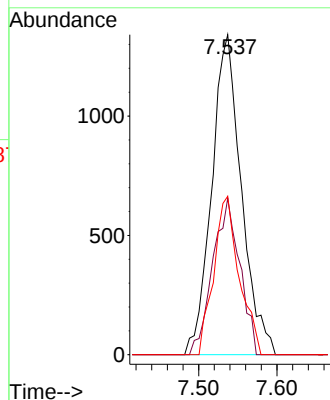
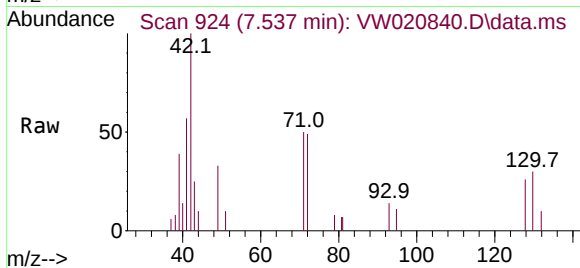
LOQ-SOIL-02-QT4-2021

Tgt Ion:	42	Resp:	352
Ion Ratio	Lower	Upper	
42	100		
72	44.6	35.0	52.6
71	42.4	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 5.735 ug/l

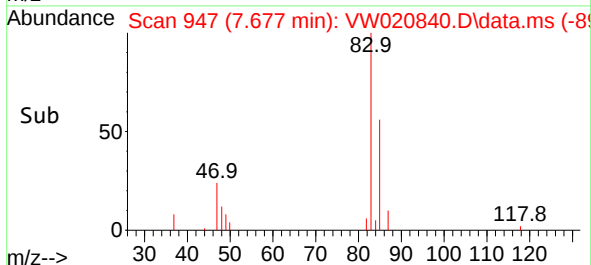
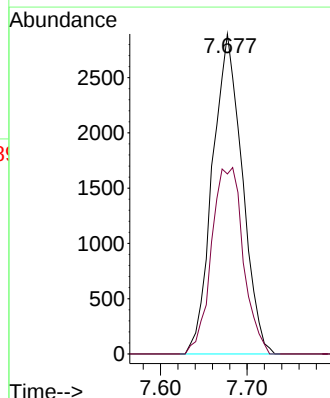
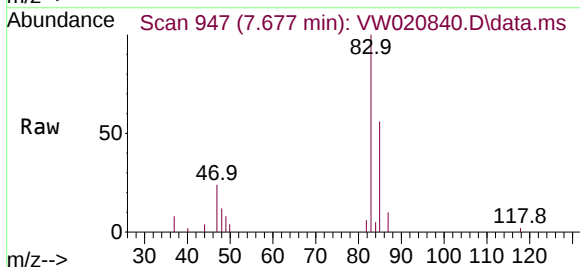
RT: 7.677 min Scan# 947

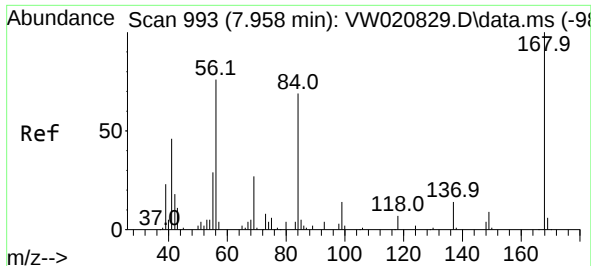
Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

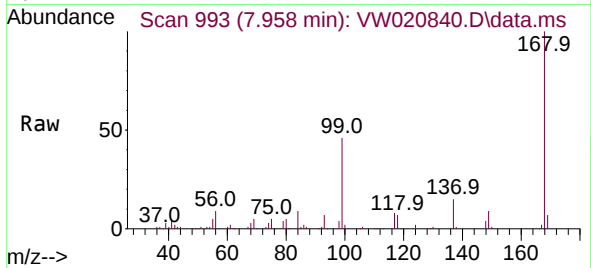
Tgt Ion:	83	Resp:	6883
Ion Ratio	Lower	Upper	
83	100		
85	56.2	52.9	79.3





#31
Cyclohexane
Concen: 6.249 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

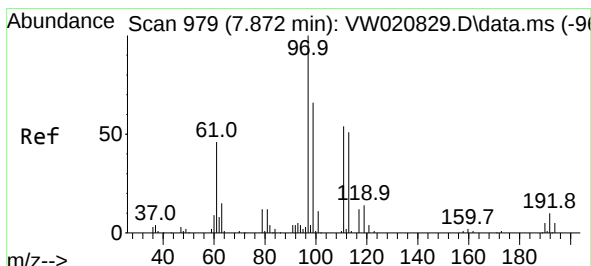
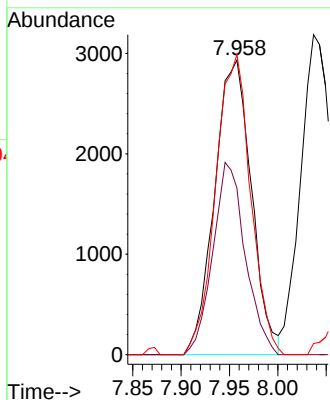
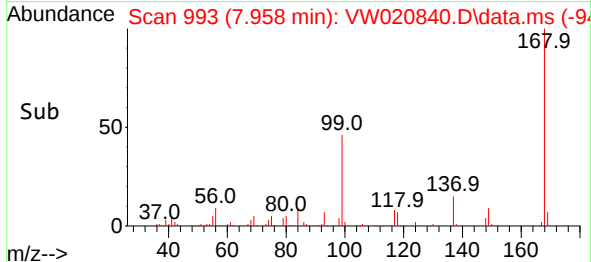
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 56 Resp: 775
Ion Ratio Lower Upper
56 100
69 56.6 27.2 40.8
84 101.9 71.8 107.6

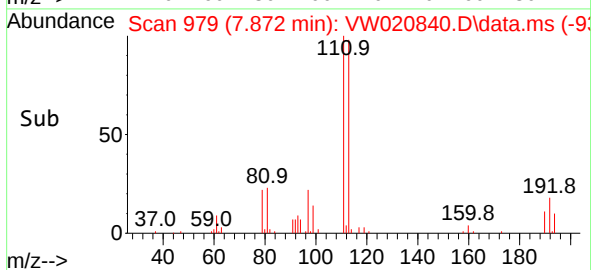
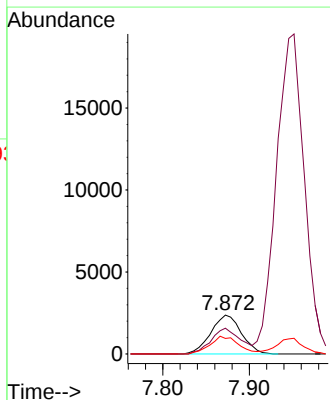
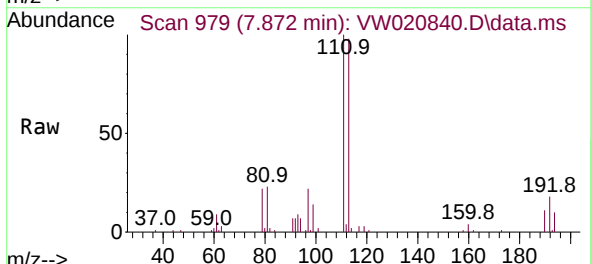
Manual Integrations
APPROVED

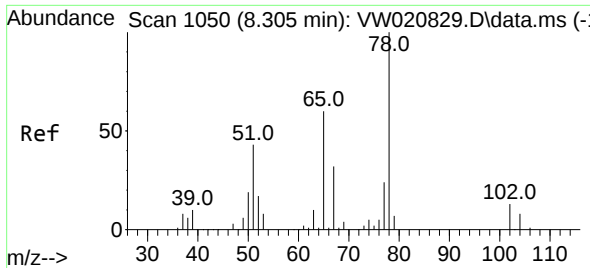
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#32
1,1,1-Trichloroethane
Concen: 5.428 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Tgt Ion: 97 Resp: 5788
Ion Ratio Lower Upper
97 100
99 63.7 50.6 75.8
61 42.5 36.6 55.0





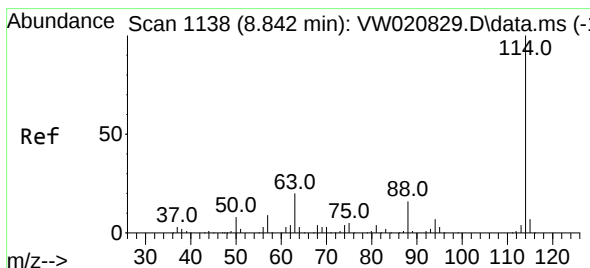
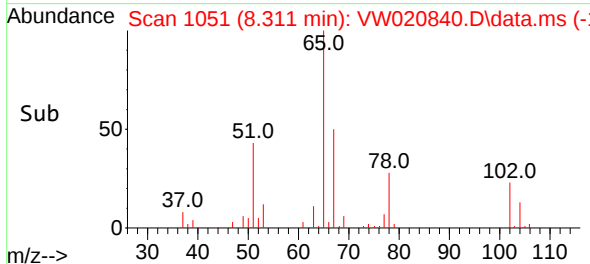
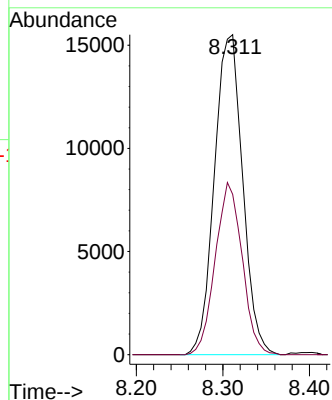
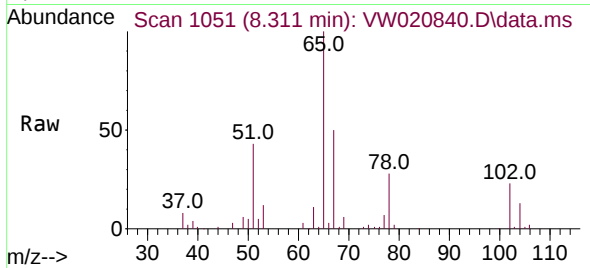
#33
1,2-Dichloroethane-d4
Concen: 50.803 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion: 65 Resp: 35159
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.2

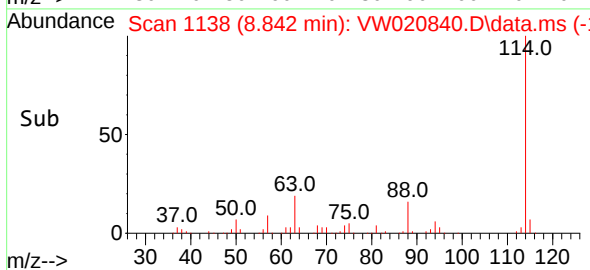
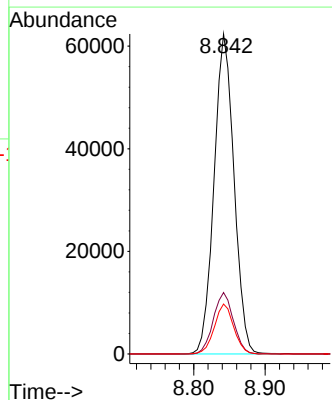
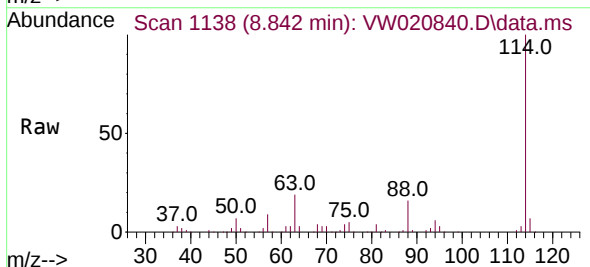
Manual Integrations
APPROVED

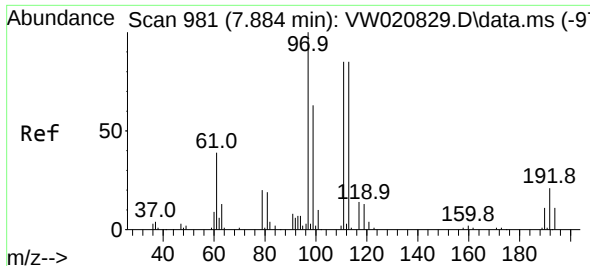
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

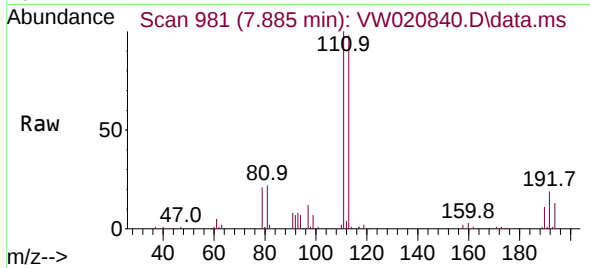
Tgt Ion:114 Resp: 120955
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.8
88 15.6 0.0 33.0





#35
Dibromofluoromethane
Concen: 52.999 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

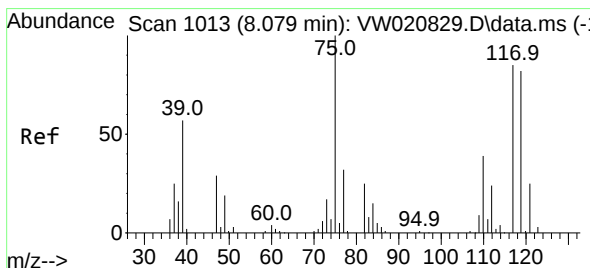
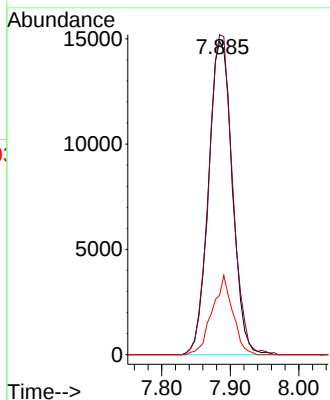
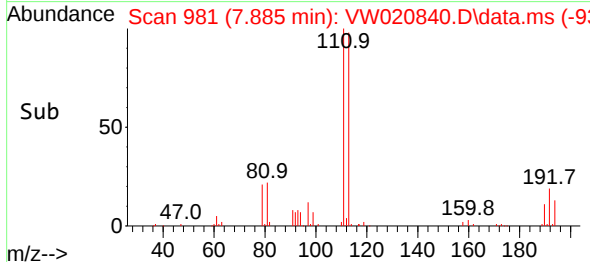
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 113 Resp: 3583
Ion Ratio Lower Upper
113 100
111 102.1 82.1 123.1
192 21.8 17.8 26.8

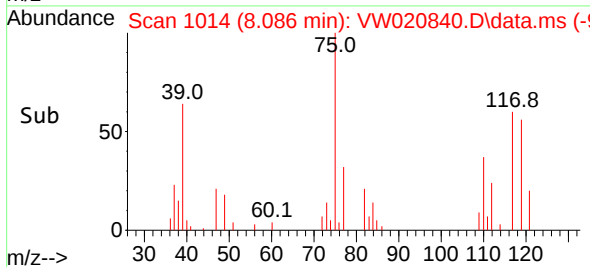
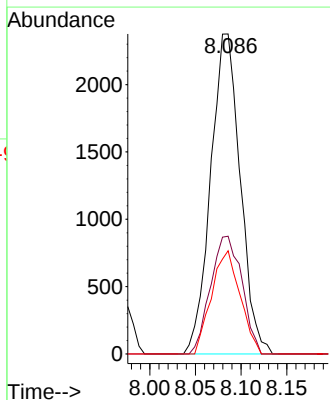
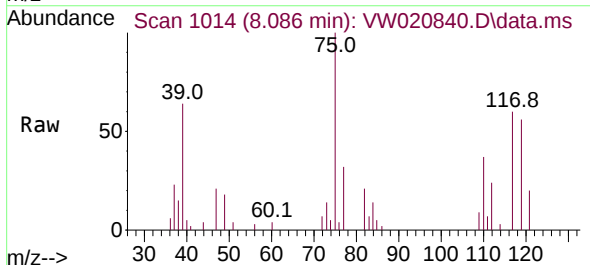
Manual Integrations
APPROVED

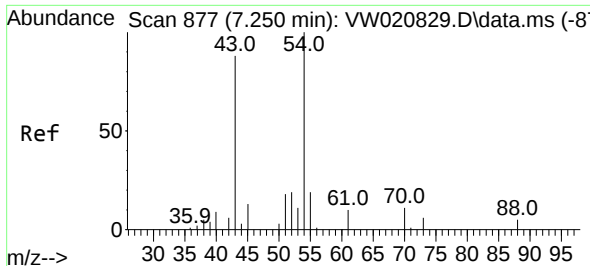
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36
1,1-Dichloropropene
Concen: 5.355 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

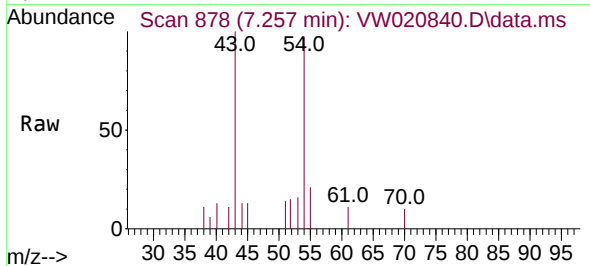
Tgt Ion: 75 Resp: 5354
Ion Ratio Lower Upper
75 100
110 39.0 17.1 51.3
77 31.3 24.9 37.3





#37
Ethyl Acetate
Concen: 5.343 ug/l
RT: 7.257 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

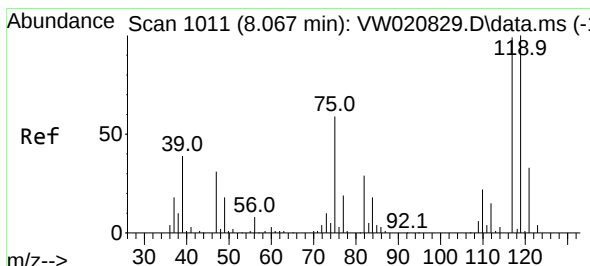
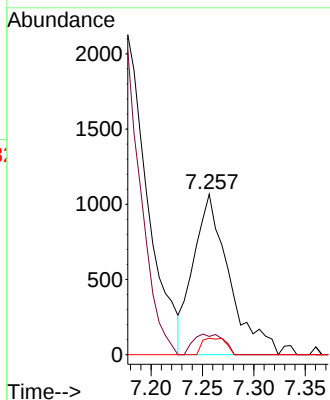
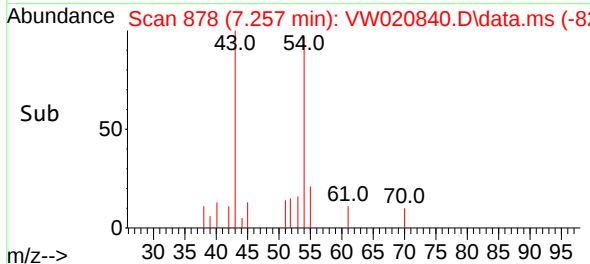
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 43 Resp: 2579
Ion Ratio Lower Upper
43 100
61 10.8 10.3 15.5
70 6.7 8.8 13.2

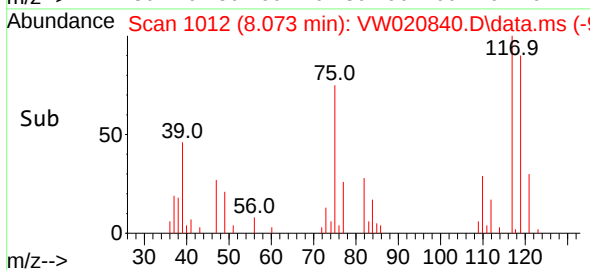
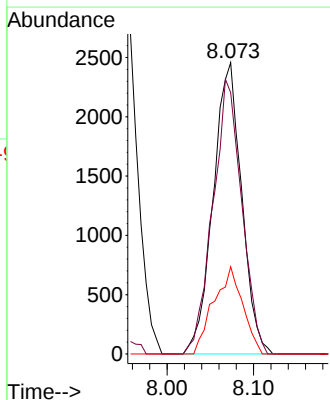
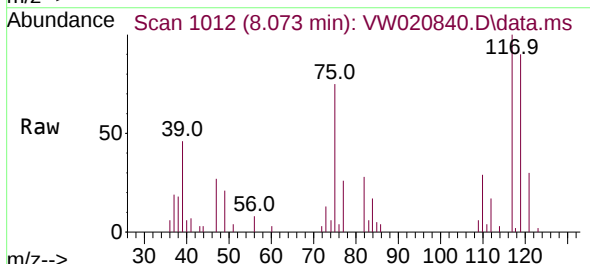
Manual Integrations
APPROVED

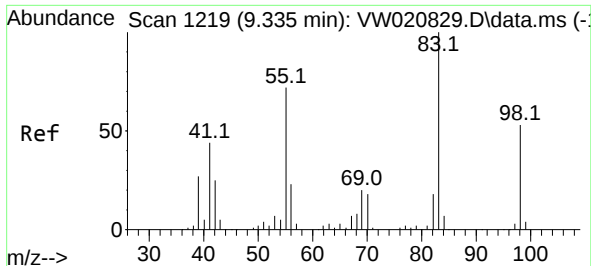
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 5.367 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Tgt Ion:117 Resp: 5620
Ion Ratio Lower Upper
117 100
119 89.7 72.9 109.3
121 29.9 23.4 35.0





#39

Methylcyclohexane

Concen: 5.169 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_W

ClientSampleId :

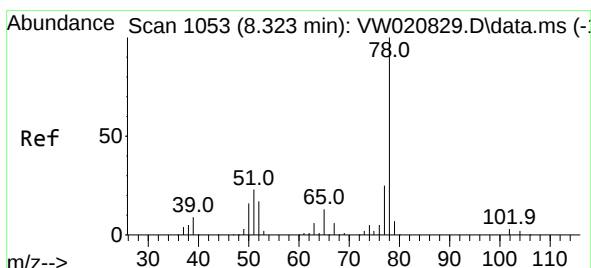
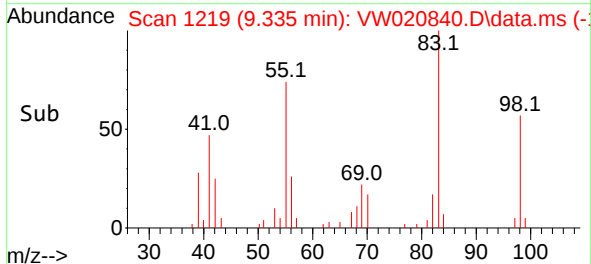
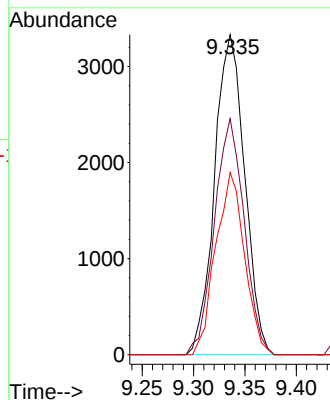
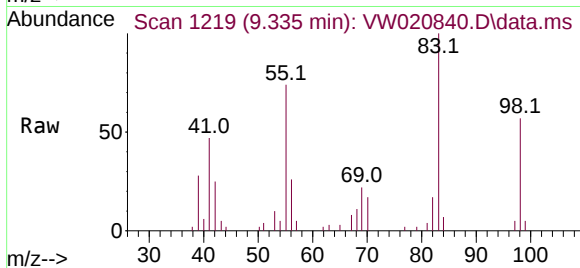
LOQ-SOIL-02-QT4-2021

Tgt Ion: 83	Resp: 6779
Ion Ratio	Lower Upper
83	100
55	73.7 62.6 94.0
98	56.9 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40

Benzene

Concen: 6.068 ug/l

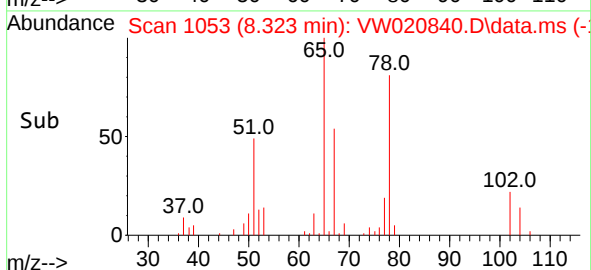
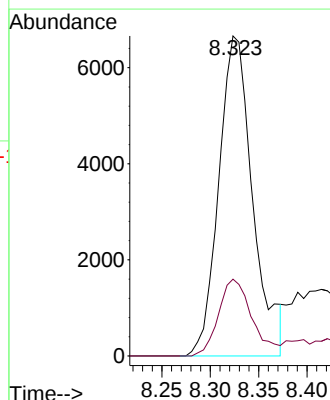
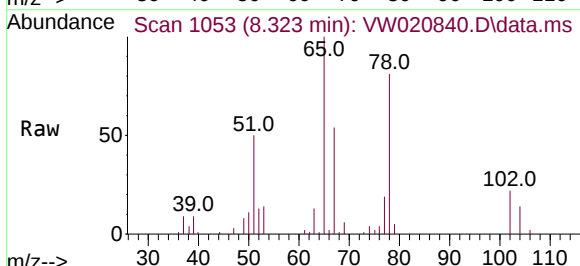
RT: 8.323 min Scan# 1053

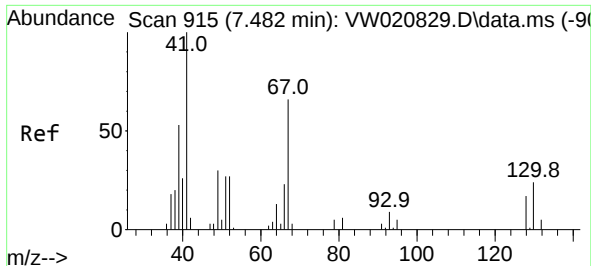
Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

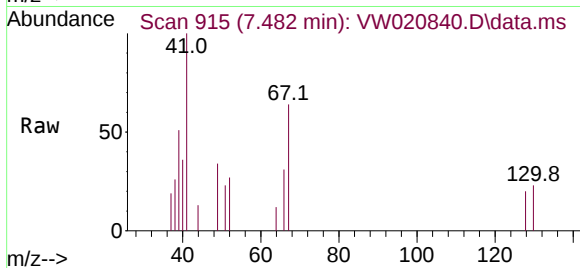
Tgt Ion: 78	Resp: 16239
Ion Ratio	Lower Upper
78	100
77	24.0 19.0 28.6





#41
Methacrylonitrile
Concen: 5.870 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

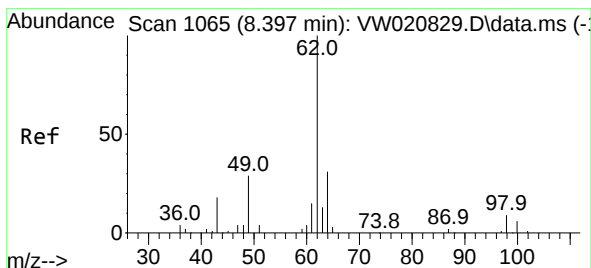
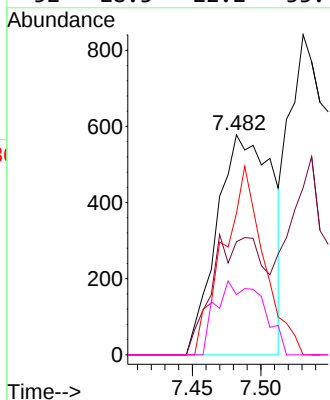
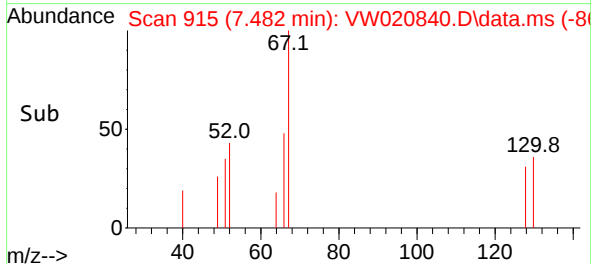
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



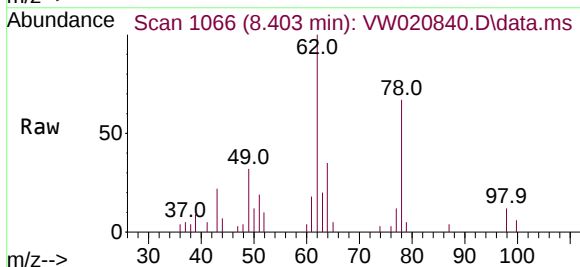
Tgt Ion:	41	Resp:	163
Ion Ratio	100	Lower	Upper
41	100		
39	50.4	44.3	66.5
67	62.3	50.9	76.3
52	28.3	22.2	33.4

Manual Integrations
APPROVED

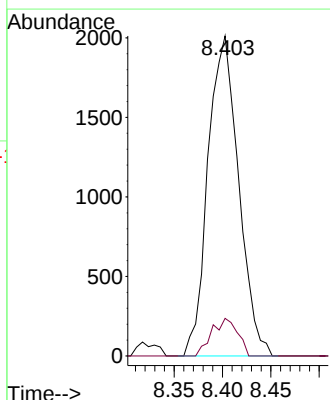
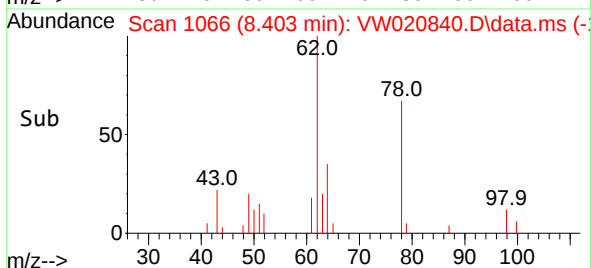
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

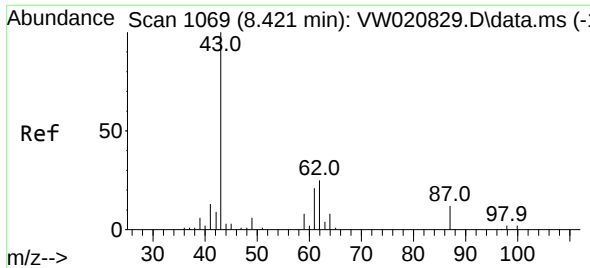


#42
1,2-Dichloroethane
Concen: 5.636 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26



Tgt Ion:	62	Resp:	4439
Ion Ratio	100	Lower	Upper
62	100		
98	9.9	0.0	17.8





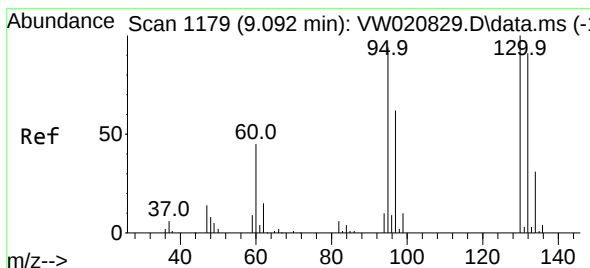
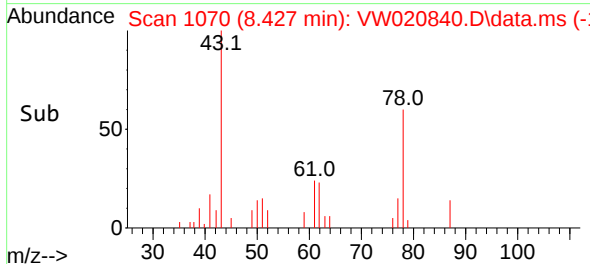
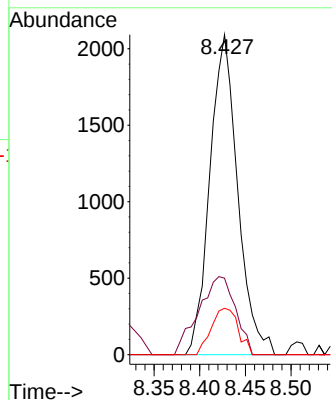
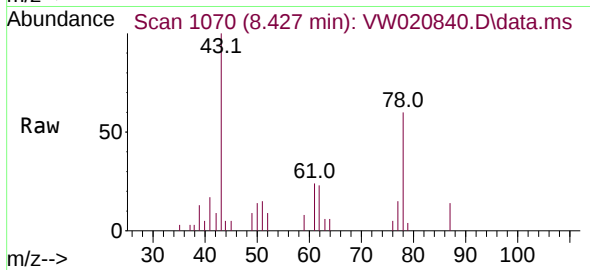
#43
Isopropyl Acetate
Concen: 4.838 ug/l
RT: 8.427 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Instrument : MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion: 43 Resp: 4440
Ion Ratio Lower Upper
43 100
61 32.1 23.3 34.9
87 14.0 10.4 15.6

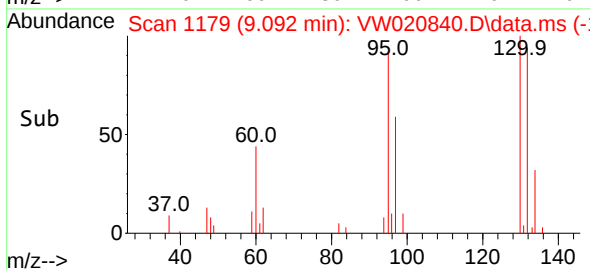
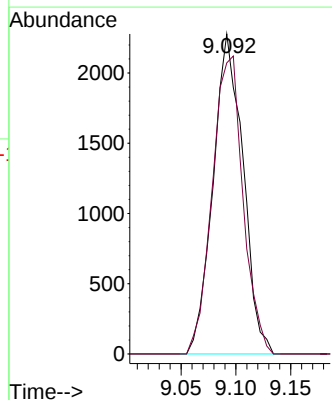
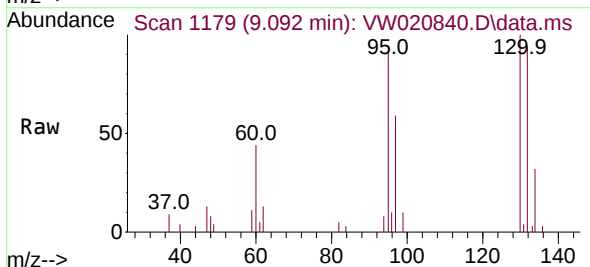
Manual Integrations
APPROVED

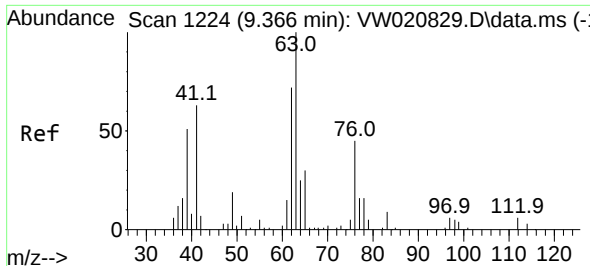
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 5.425 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Tgt Ion:130 Resp: 4321
Ion Ratio Lower Upper
130 100
95 91.0 0.0 189.2





#45

1,2-Dichloropropane

Concen: 5.220 ug/l

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_W

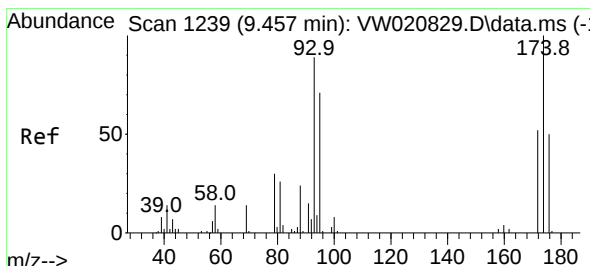
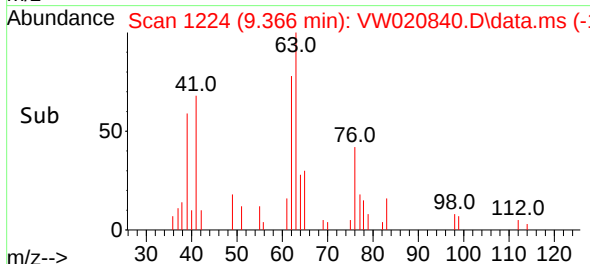
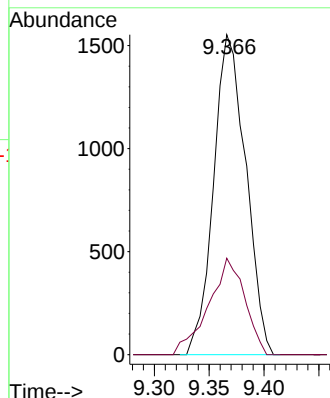
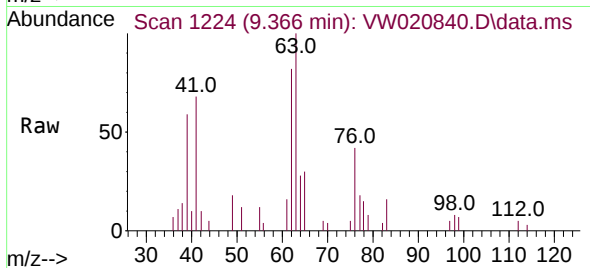
ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion: 63 Resp: 317
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.7 35.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 5.384 ug/l

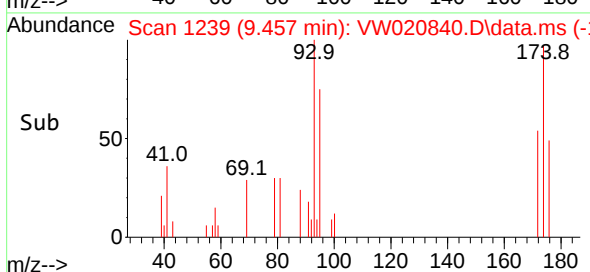
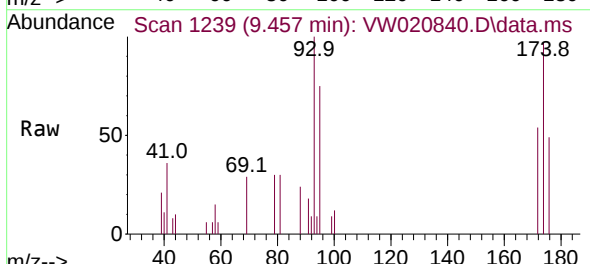
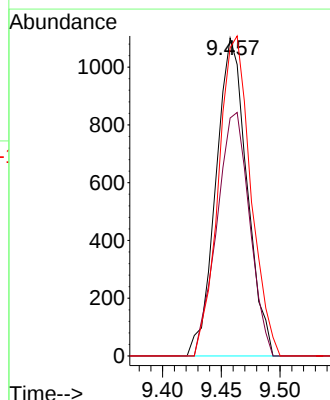
RT: 9.457 min Scan# 1239

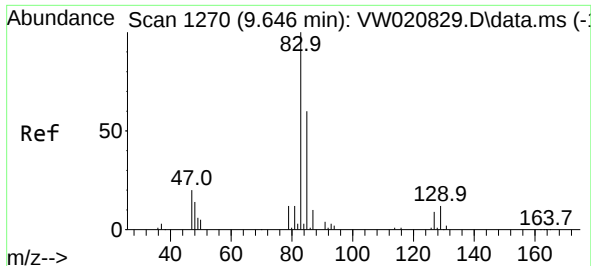
Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

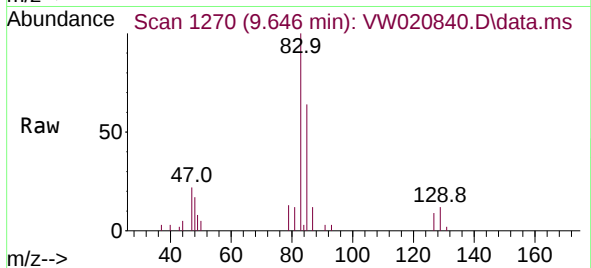
Tgt Ion: 93 Resp: 2024
 Ion Ratio Lower Upper
 93 100
 95 80.3 67.0 100.4
 174 104.7 88.9 133.3





#47
Bromodichloromethane
Concen: 5.049 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

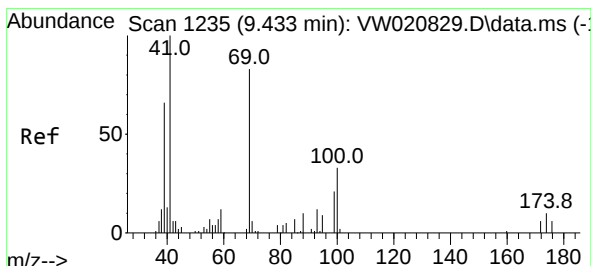
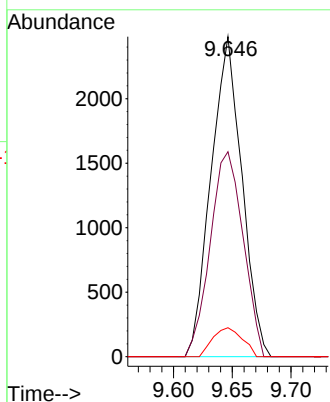
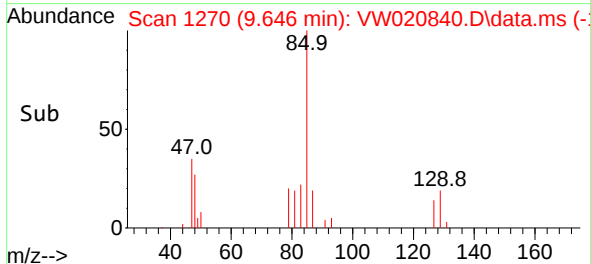
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 83 Resp: 453
Ion Ratio Lower Upper
83 100
85 64.0 51.0 76.6
127 9.1 7.0 10.4

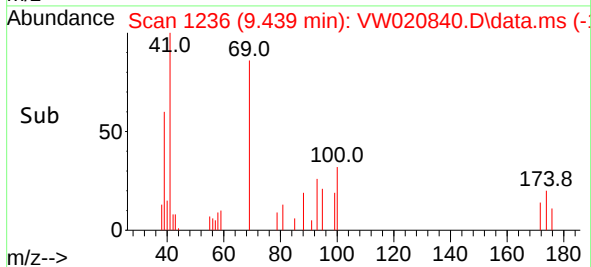
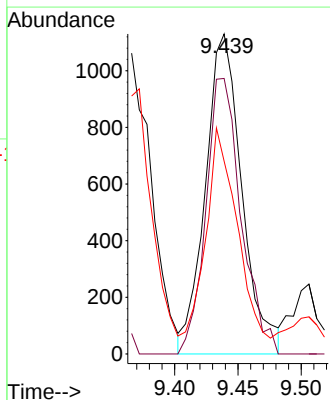
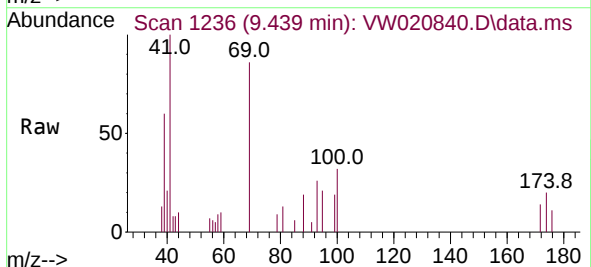
Manual Integrations
APPROVED

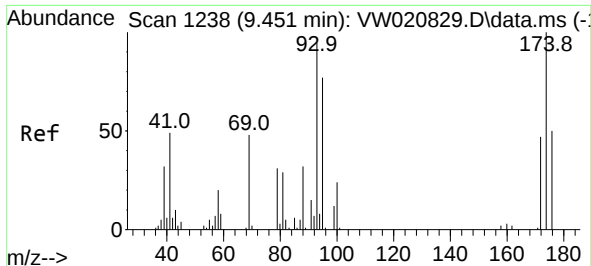
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 5.179 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Tgt Ion: 41 Resp: 2269
Ion Ratio Lower Upper
41 100
69 83.1 67.2 100.8
39 56.2 47.0 70.6





#49

1,4-Dioxane

Concen: 95.439 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_W

ClientSampleId :

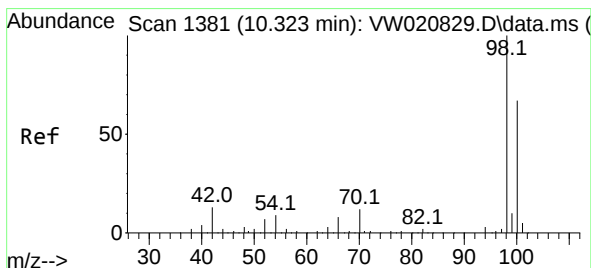
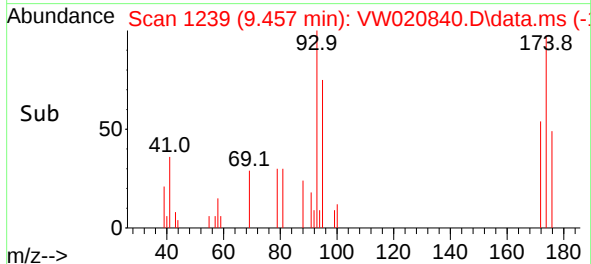
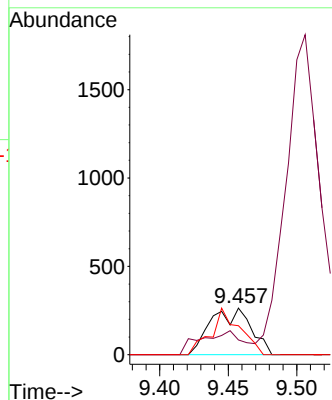
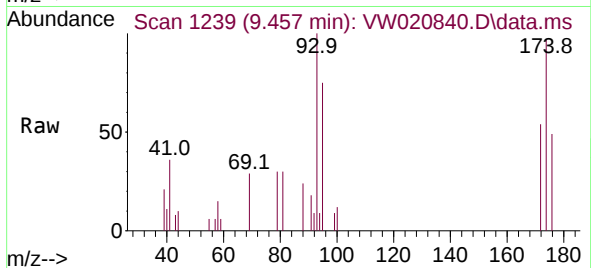
LOQ-SOIL-02-QT4-2021

Tgt Ion: 88	Resp: 54.3
Ion Ratio	Lower Upper
88 100	
43 55.2	28.8 43.2
58 71.3	59.6 89.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#50

Toluene-d8

Concen: 50.835 ug/l

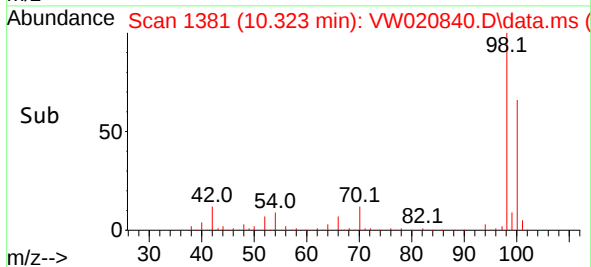
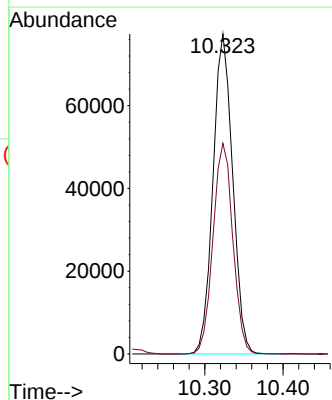
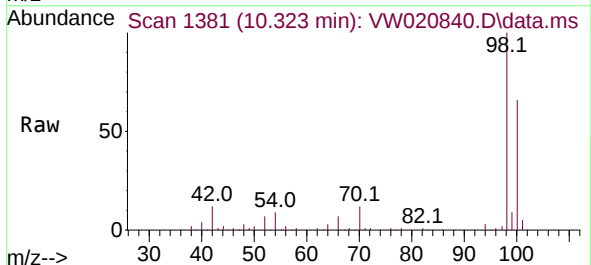
RT: 10.323 min Scan# 1381

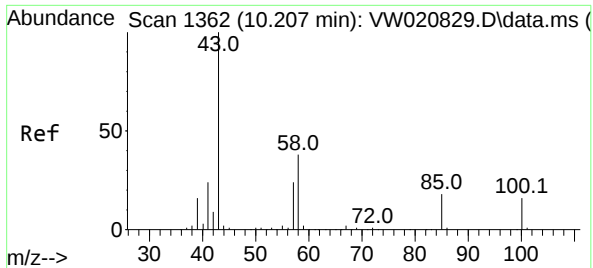
Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Tgt Ion: 98	Resp: 134492
Ion Ratio	Lower Upper
98 100	
100 66.5	53.2 79.8





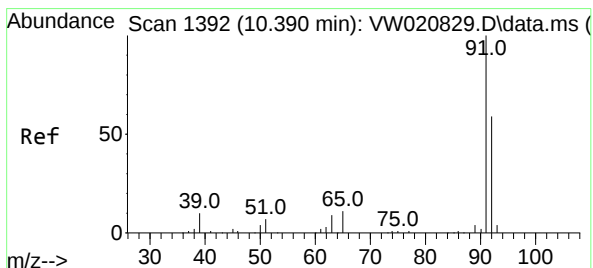
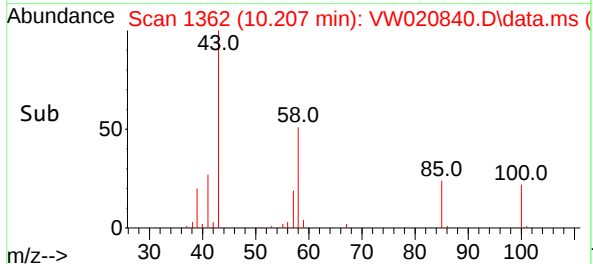
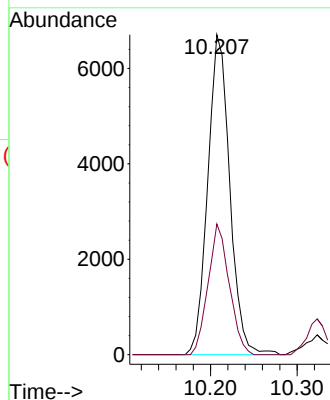
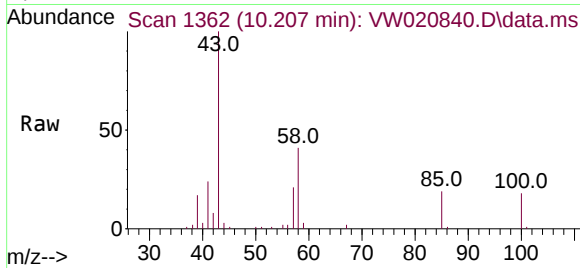
#51
4-Methyl-2-Pentanone
Concen: 24.319 ug/l
RT: 10.207 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 39.2 30.6 46.0

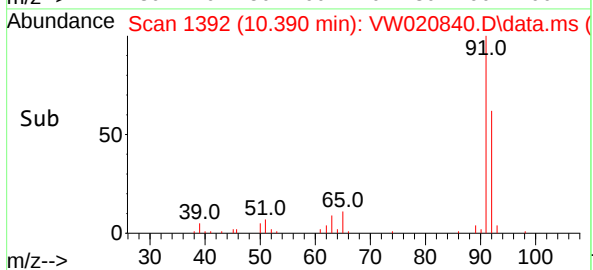
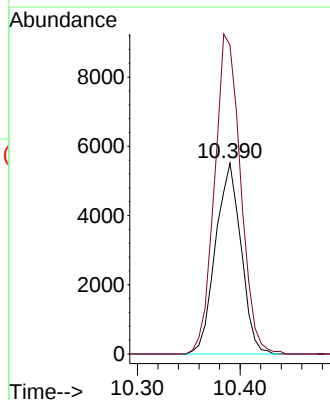
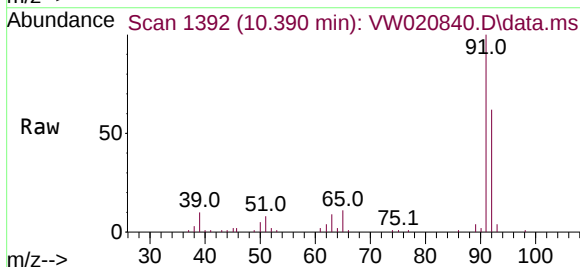
Manual Integrations
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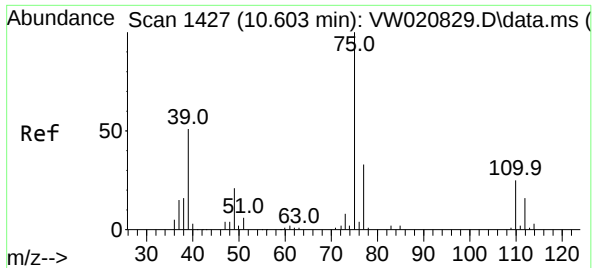
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 5.422 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

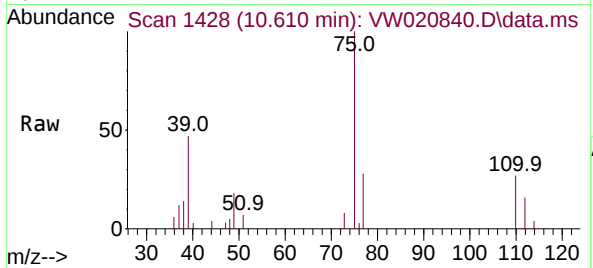
Tgt Ion: 92 Resp: 9505
Ion Ratio Lower Upper
92 100
91 171.2 136.6 204.8





#53
t-1,3-Dichloropropene
Concen: 4.842 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

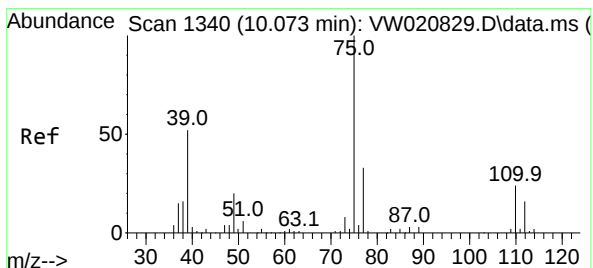
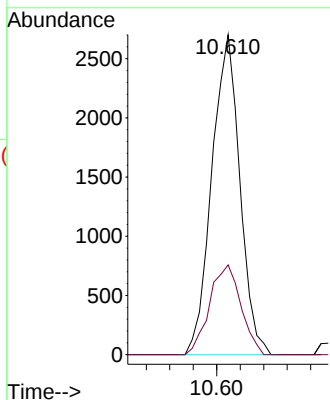
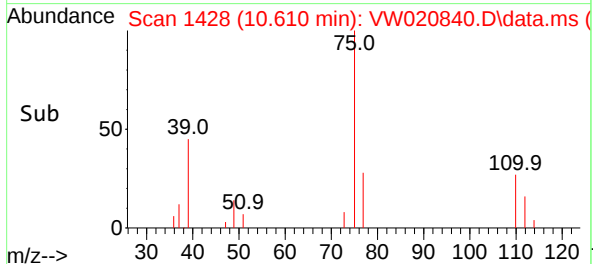
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 75 Resp: 4475
Ion Ratio Lower Upper
75 100
77 28.0 24.6 37.0

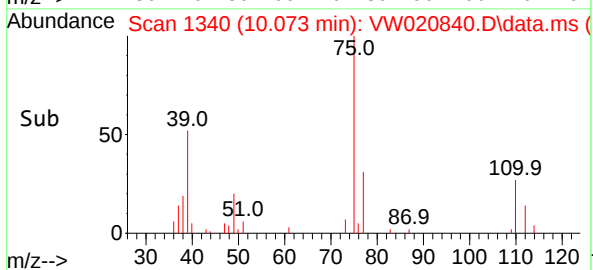
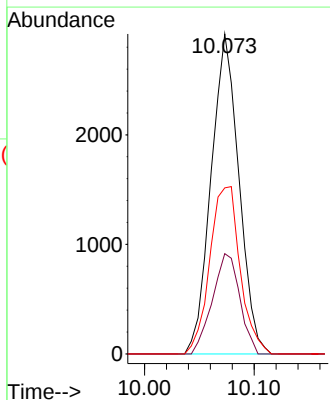
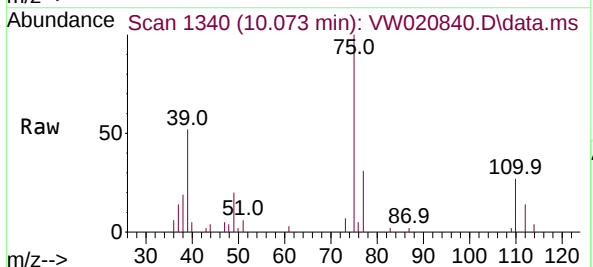
Manual Integrations
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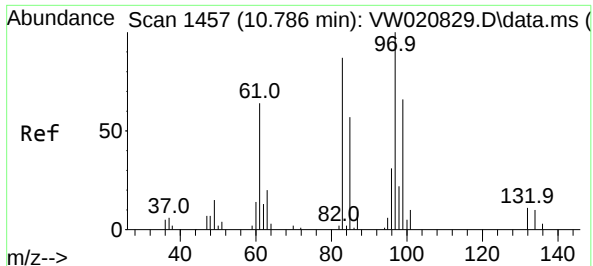
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 5.006 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

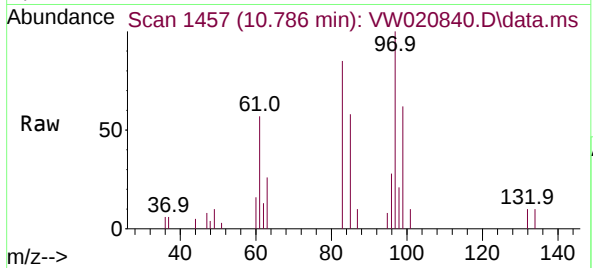
Tgt Ion: 75 Resp: 5148
Ion Ratio Lower Upper
75 100
77 31.4 23.8 35.8
39 51.9 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 5.187 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

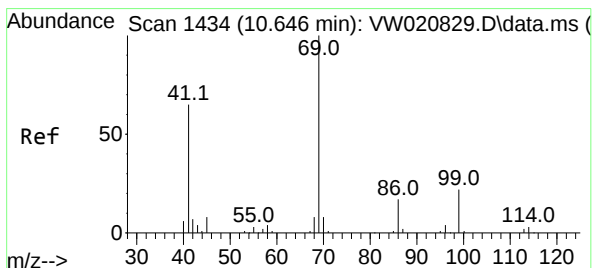
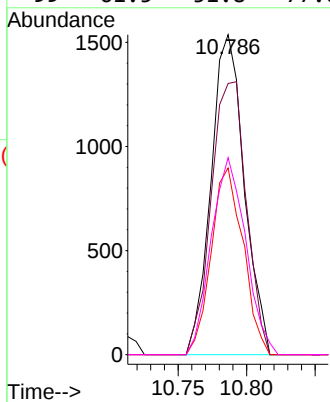
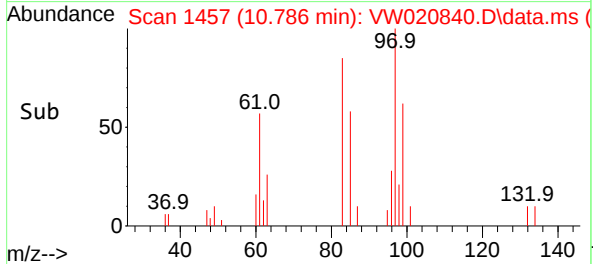
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:	97	Resp:	2589
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.0	103.4
85	58.4	44.3	66.5
99	61.5	51.8	77.6

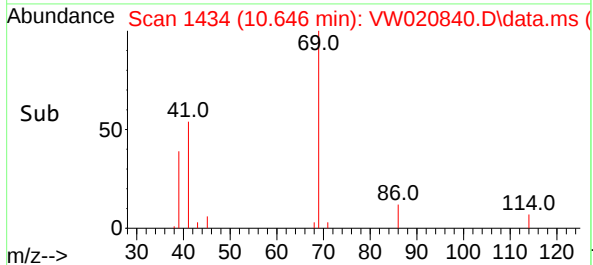
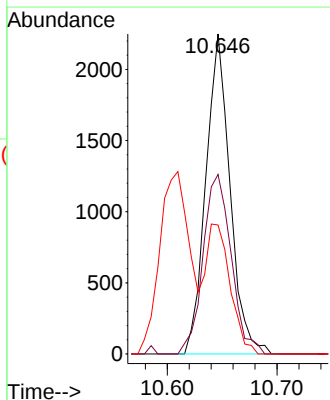
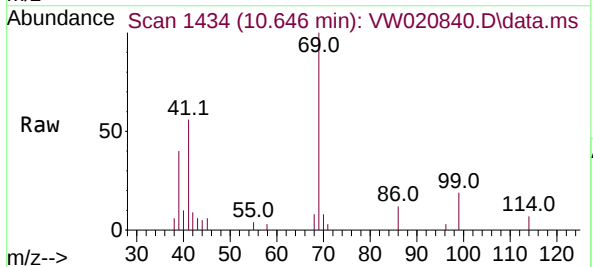
Manual Integrations
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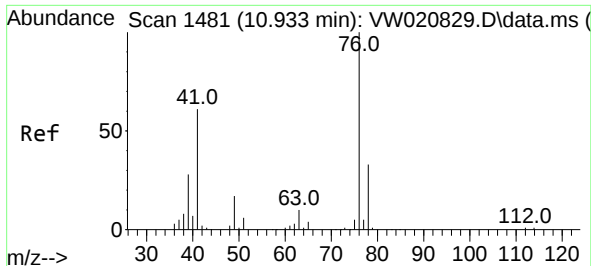
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
Ethyl methacrylate
Concen: 5.005 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

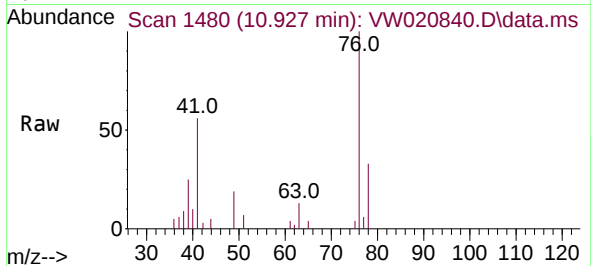
Tgt Ion:	69	Resp:	3447
Ion	Ratio	Lower	Upper
69	100		
41	65.3	56.6	85.0
39	41.6	29.6	44.4





#57
1,3-Dichloropropane
Concen: 5.332 ug/l
RT: 10.927 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

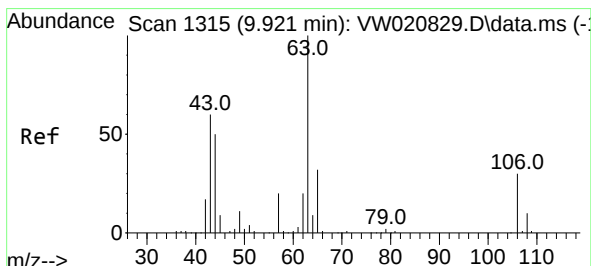
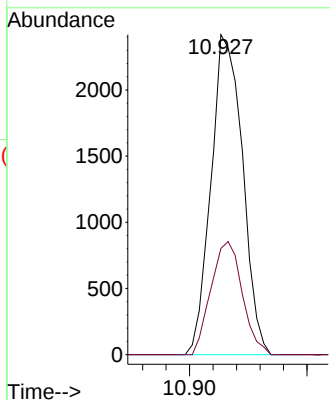
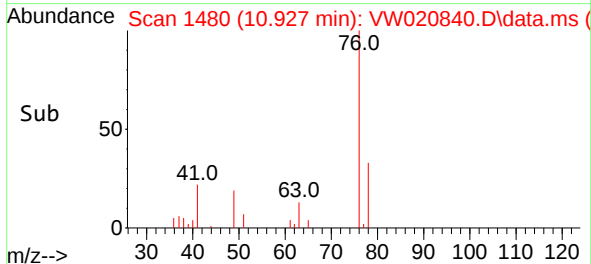
Instrument : MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



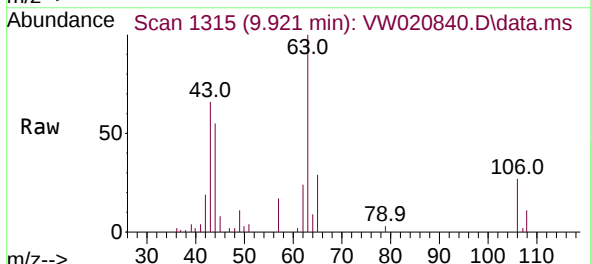
Tgt Ion: 76 Resp: 4490
Ion Ratio Lower Upper
76 100
78 35.1 26.0 39.0

Manual Integrations
APPROVED

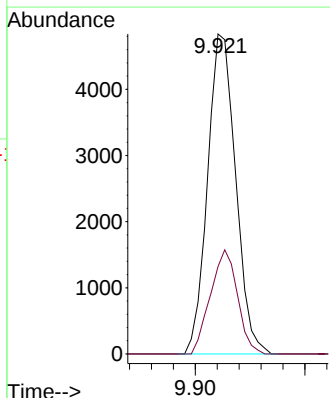
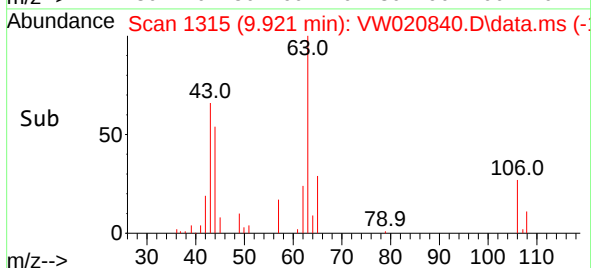
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

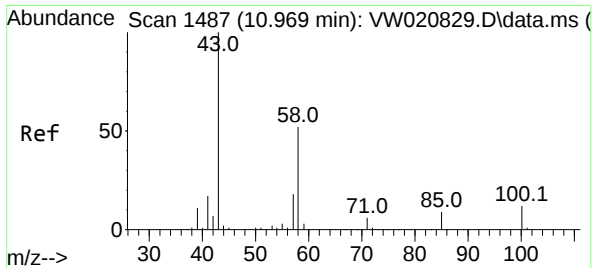


#58
2-Chloroethyl Vinyl ether
Concen: 22.259 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26



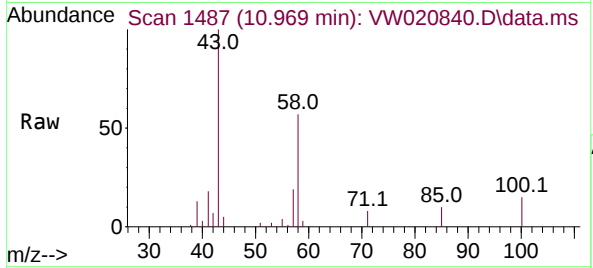
Tgt Ion: 63 Resp: 8613
Ion Ratio Lower Upper
63 100
106 31.3 23.0 34.6





#59
2-Hexanone
Concen: 23.653 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

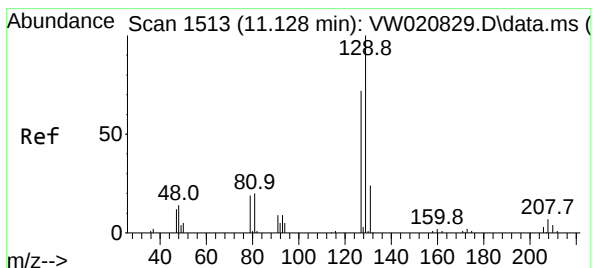
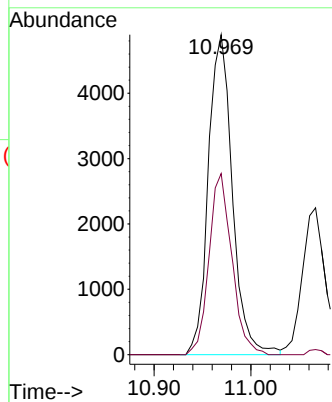
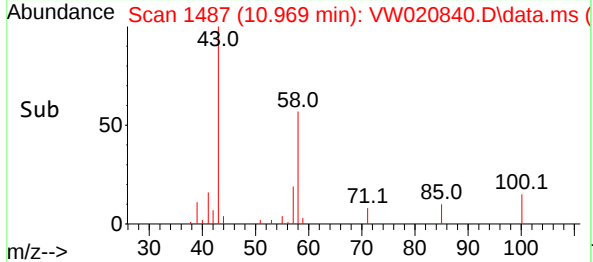
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 53.9 26.4 79.2

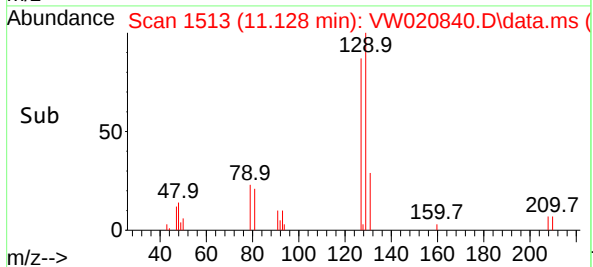
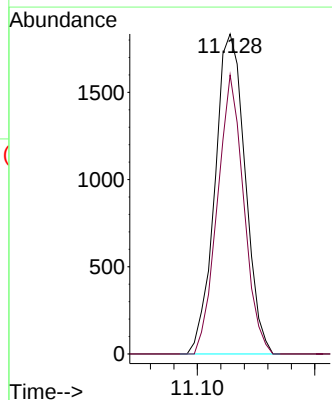
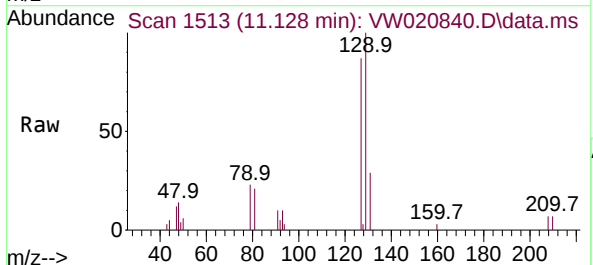
Manual Integrations
APPROVED

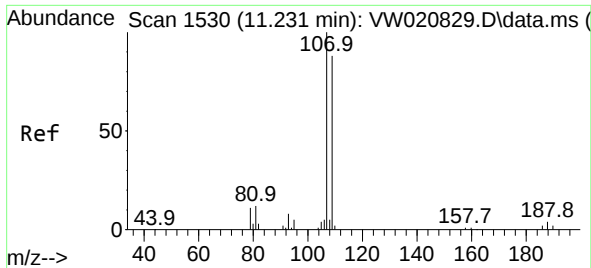
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 5.005 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

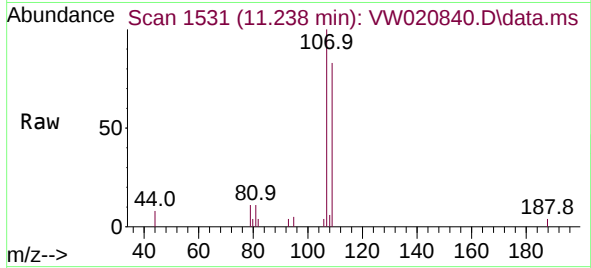
Tgt Ion:129 Resp: 3282
Ion Ratio Lower Upper
129 100
127 76.0 38.9 116.6





#61
1,2-Dibromoethane
Concen: 5.504 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

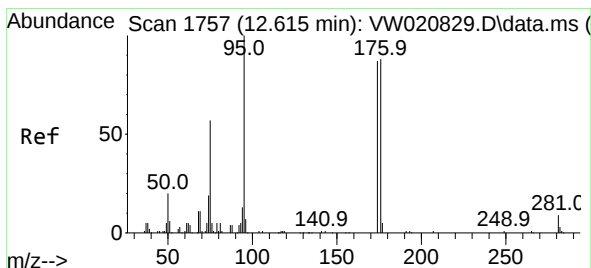
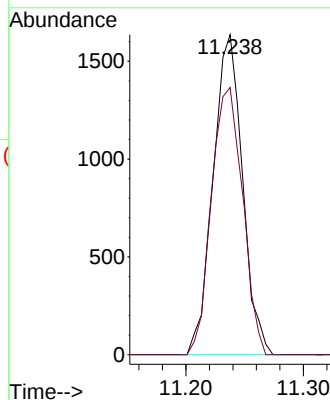
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



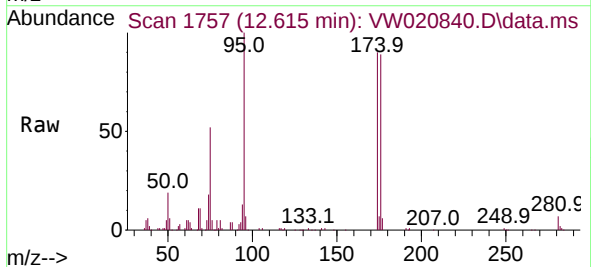
Tgt Ion:107 Resp: 2838
Ion Ratio Lower Upper
107 100
109 89.1 75.4 113.2

Manual Integrations
APPROVED

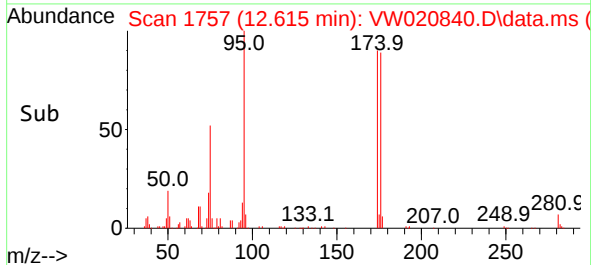
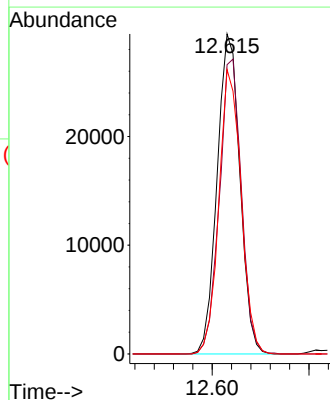
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

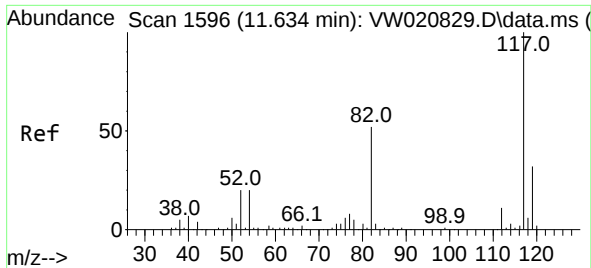


#62
4-Bromofluorobenzene
Concen: 50.353 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26



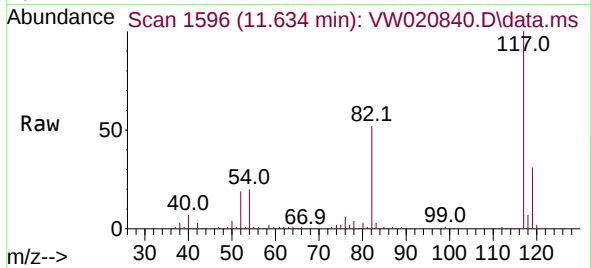
Tgt Ion: 95 Resp: 48062
Ion Ratio Lower Upper
95 100
174 89.2 0.0 166.4
176 86.5 0.0 159.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11596
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

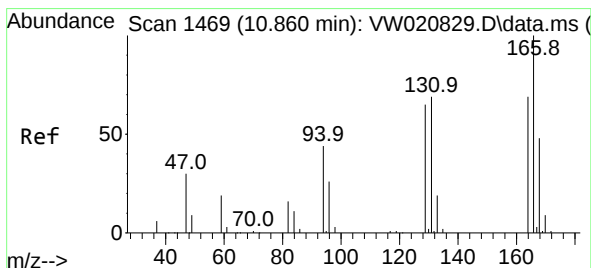
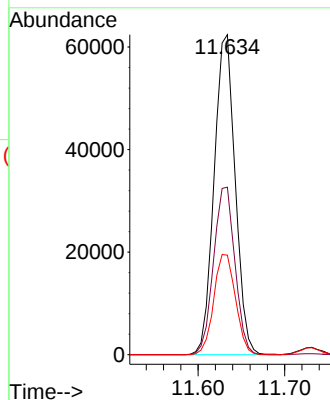
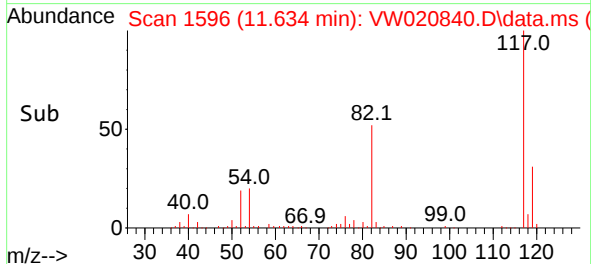
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:117 Resp: 10549
Ion Ratio Lower Upper
117 100
82 52.4 45.6 68.4
119 31.1 25.0 37.4

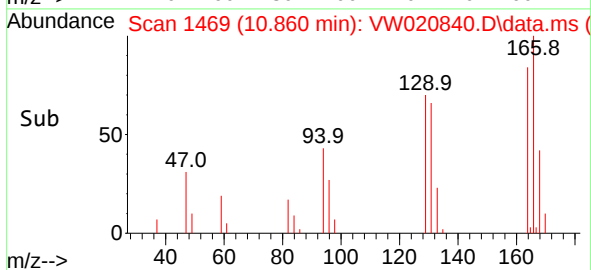
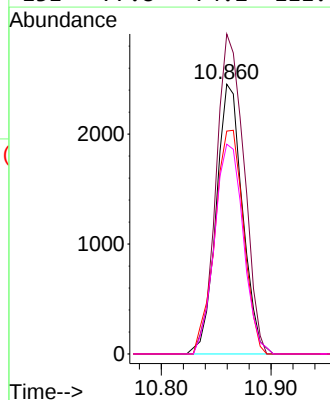
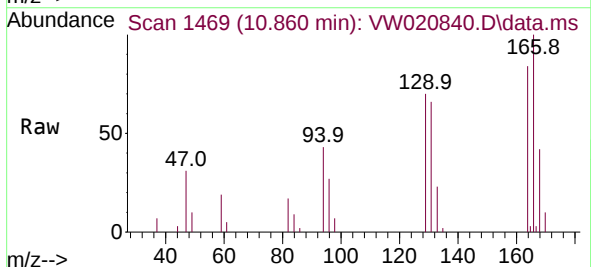
Manual Integrations
APPROVED

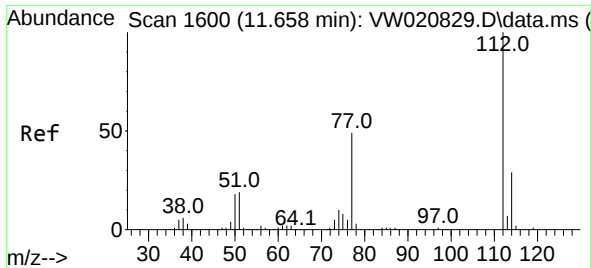
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 5.999 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

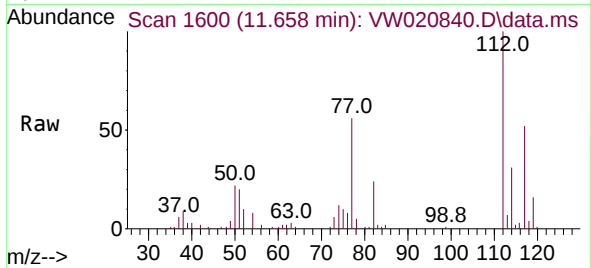
Tgt Ion:164 Resp: 4095
Ion Ratio Lower Upper
164 100
166 118.6 110.2 165.4
129 82.6 74.4 111.6
131 77.8 74.2 111.4





#65
Chlorobenzene
Concen: 5.403 ug/l
RT: 11.658 min Scan# 11600
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

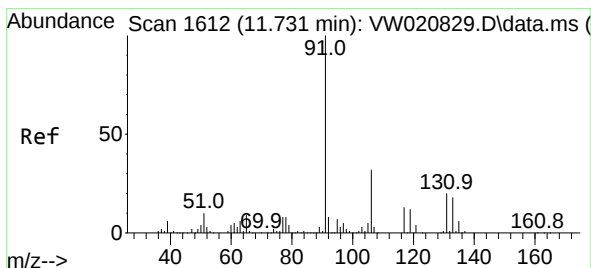
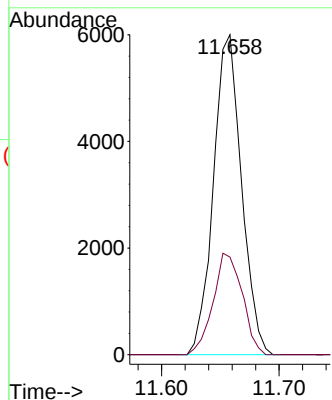
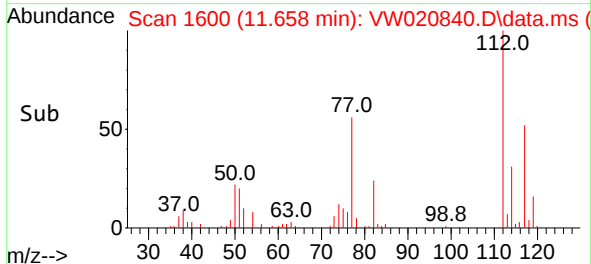
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:112 Resp: 996
Ion Ratio Lower Upper
112 100
114 30.5 27.0 40.6

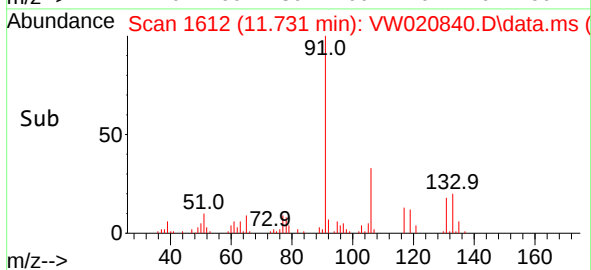
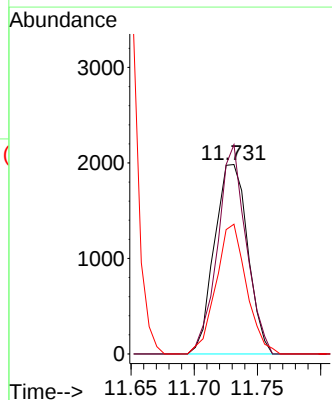
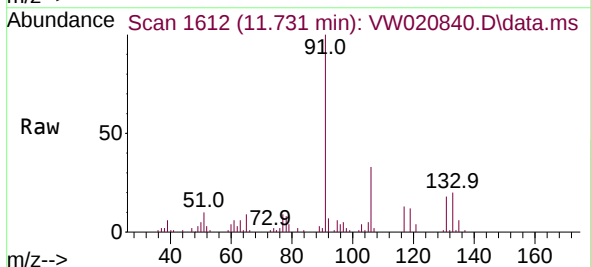
Manual Integrations
APPROVED

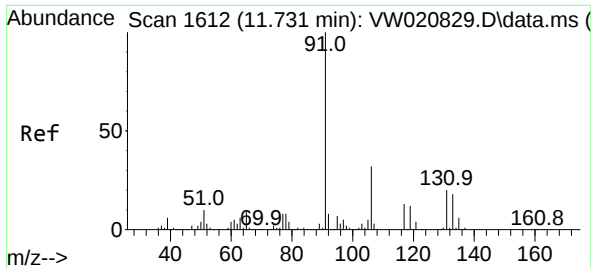
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 5.420 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Tgt Ion:131 Resp: 3627
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.8
119 62.9 31.6 95.0





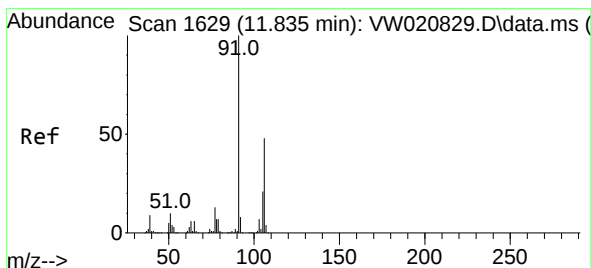
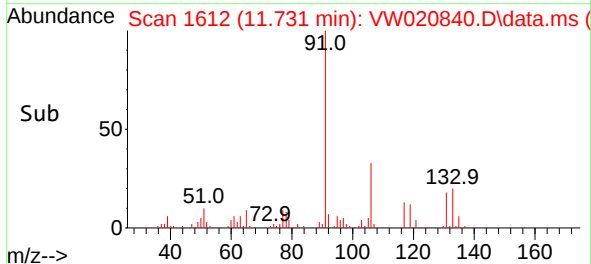
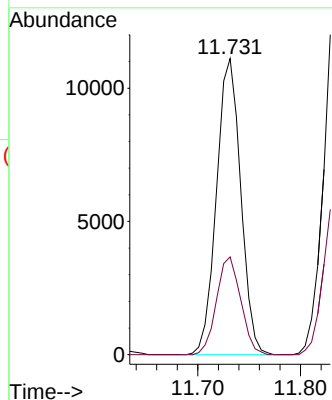
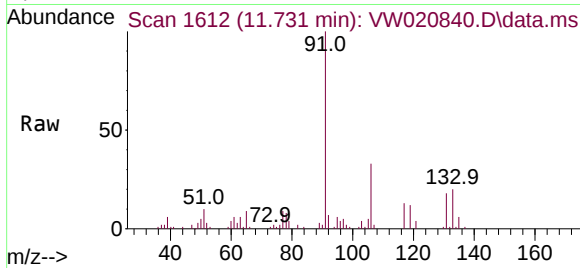
#67
Ethyl Benzene
Concen: 5.365 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion: 91 Resp: 18192
Ion Ratio Lower Upper
91 100
106 33.0 24.4 36.6

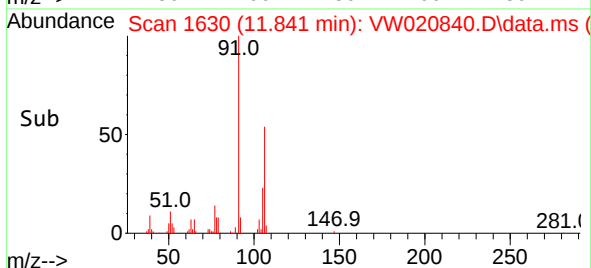
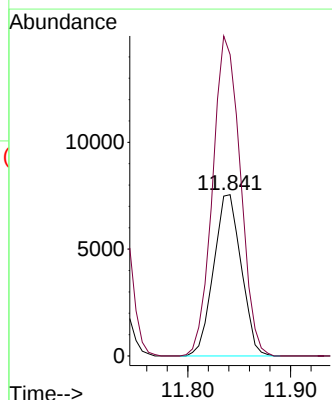
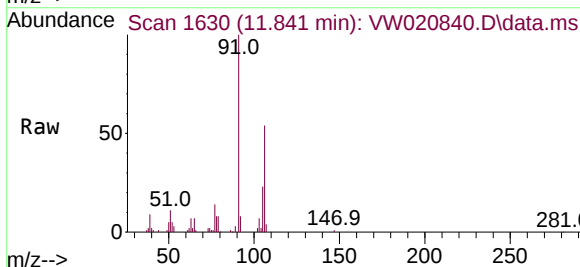
Manual Integrations
APPROVED

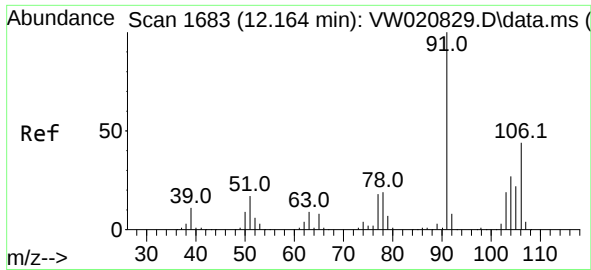
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#68
m/p-Xylenes
Concen: 10.495 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Tgt Ion:106 Resp: 14073
Ion Ratio Lower Upper
106 100
91 199.2 166.4 249.6





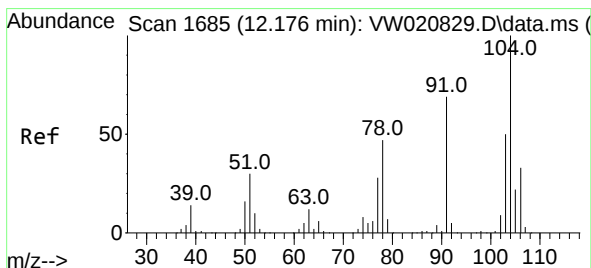
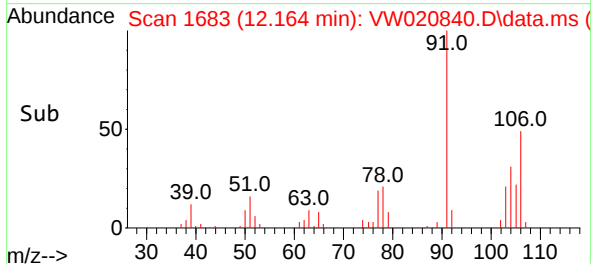
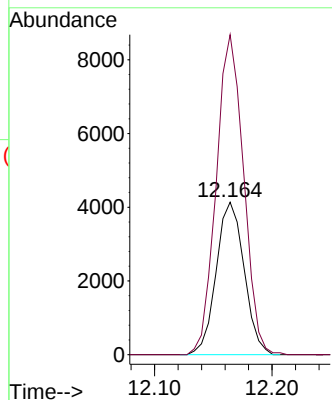
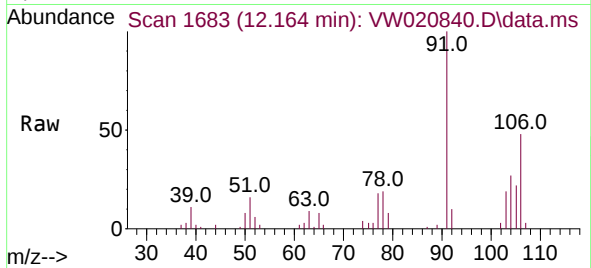
#69
o-Xylene
Concen: 5.492 ug/l
RT: 12.164 min Scan# 106
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion:106 Resp: 6834
Ion Ratio Lower Upper
106 100
91 205.8 110.9 332.6

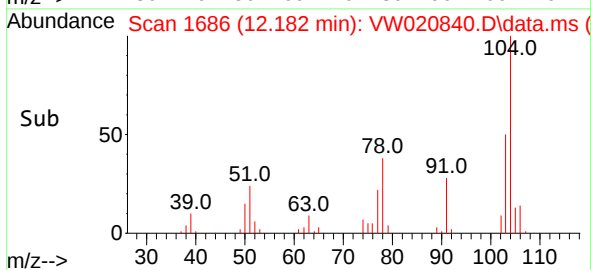
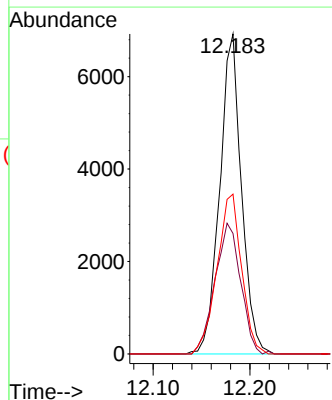
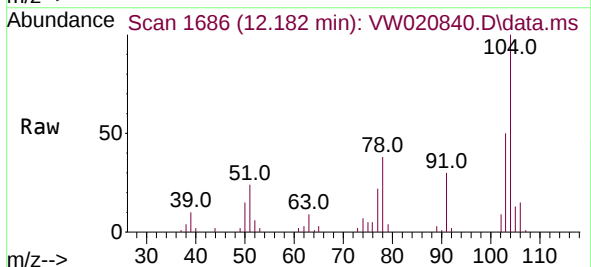
Manual Integrations
APPROVED

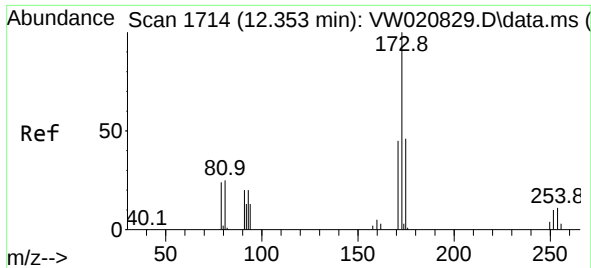
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 5.192 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Tgt Ion:104 Resp: 10790
Ion Ratio Lower Upper
104 100
78 48.4 41.4 62.0
103 56.6 43.3 64.9





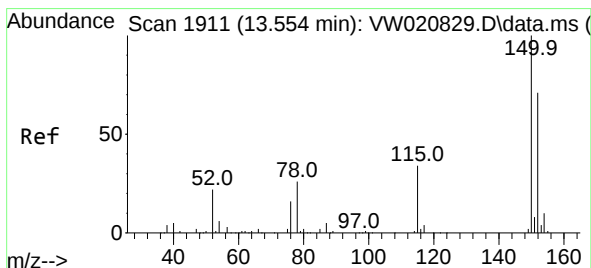
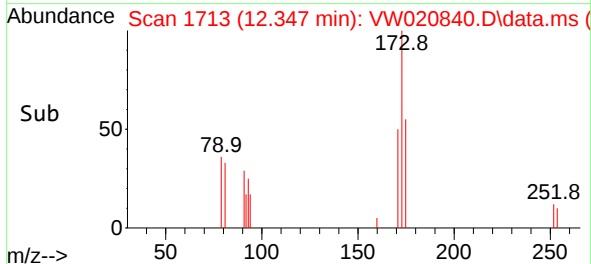
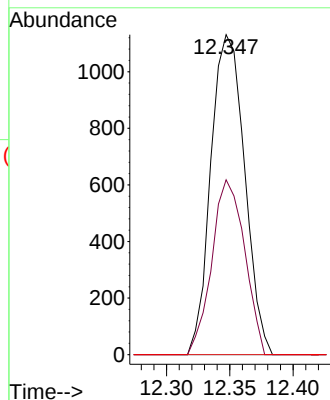
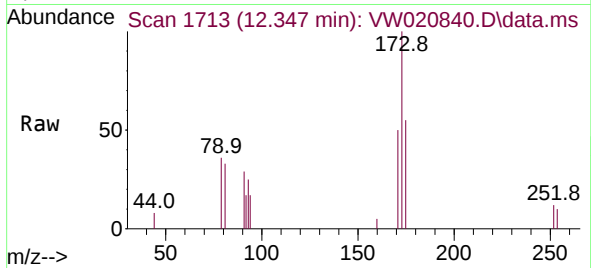
#71
Bromoform
Concen: 4.855 ug/l
RT: 12.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion:173 Resp: 2100
Ion Ratio Lower Upper
173 100
175 53.0 24.6 73.8
254 0.0 0.0 0.0

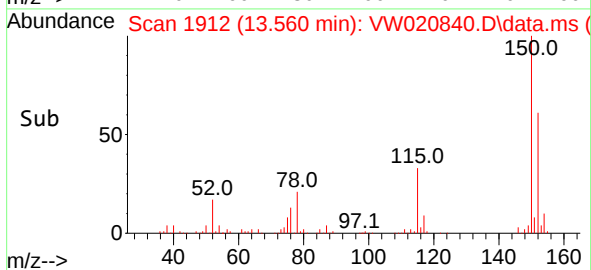
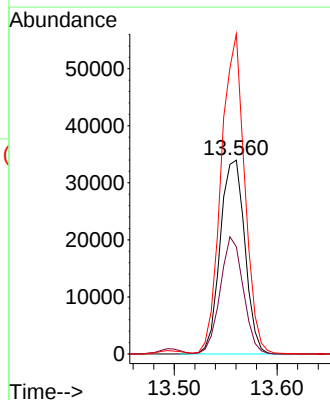
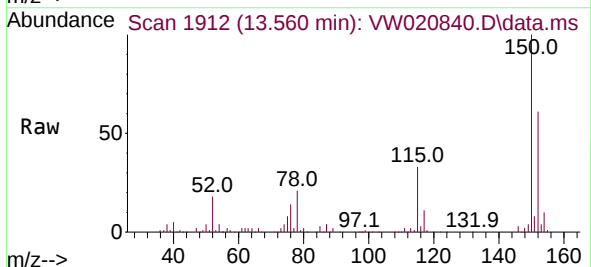
Manual Integrations
APPROVED

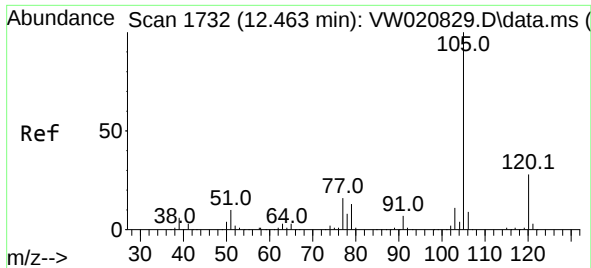
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Tgt Ion:152 Resp: 56562
Ion Ratio Lower Upper
152 100
115 56.6 29.6 88.9
150 157.2 0.0 352.6





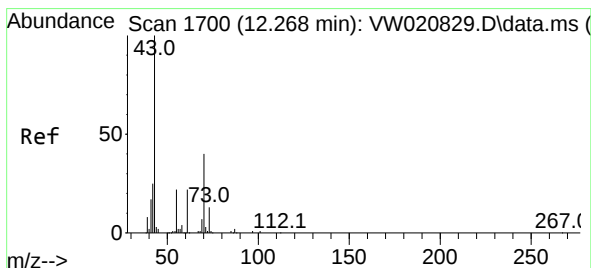
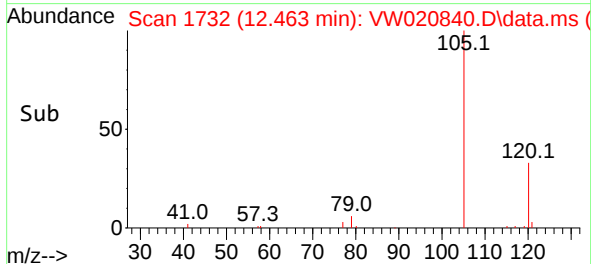
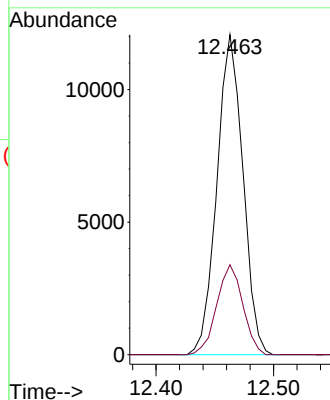
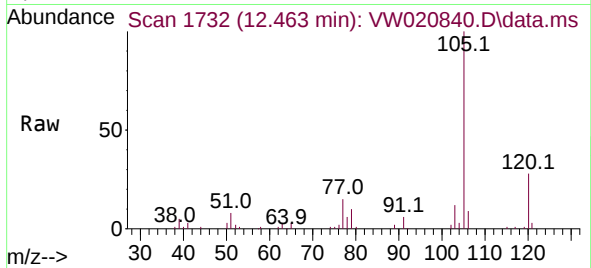
#73
Isopropylbenzene
Concen: 5.267 ug/l
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion:105 Resp: 18584
Ion Ratio Lower Upper
105 100
120 28.1 13.0 39.0

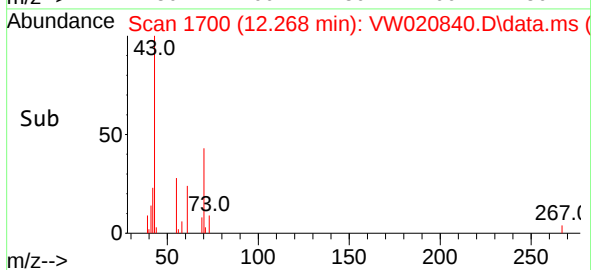
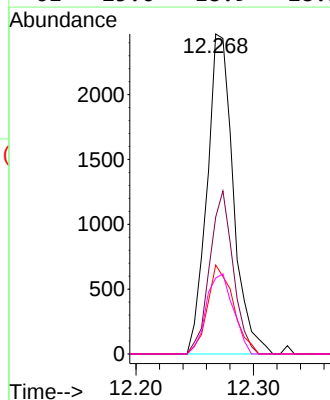
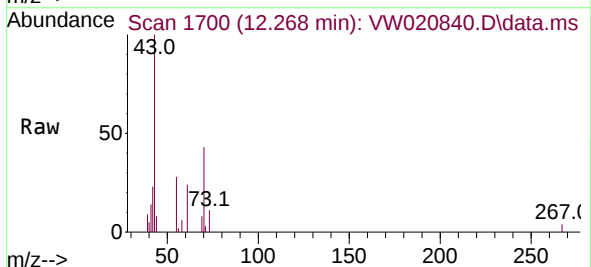
Manual Integrations
APPROVED

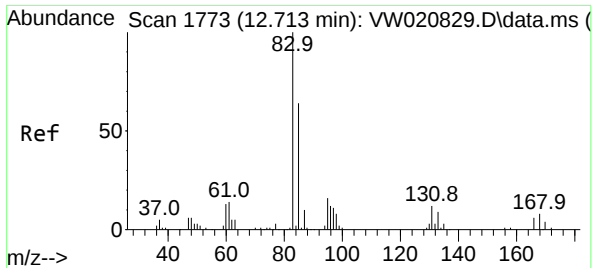
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#74
N-ethyl acetate
Concen: 4.552 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

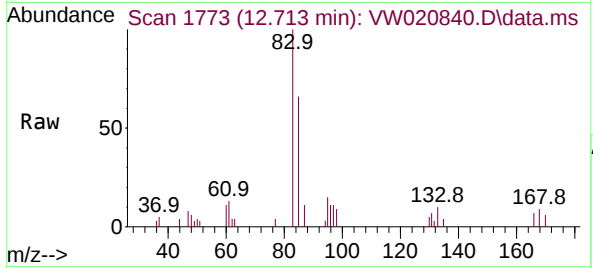
Tgt Ion: 43 Resp: 3835
Ion Ratio Lower Upper
43 100
70 45.3 33.4 50.2
55 27.4 20.1 30.1
61 25.6 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 5.001 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

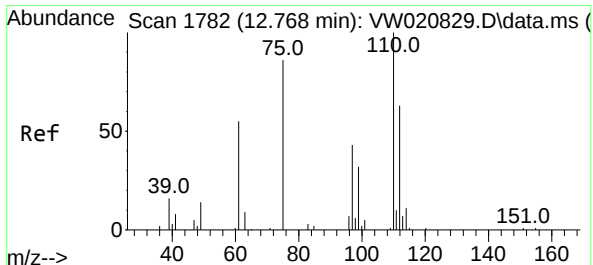
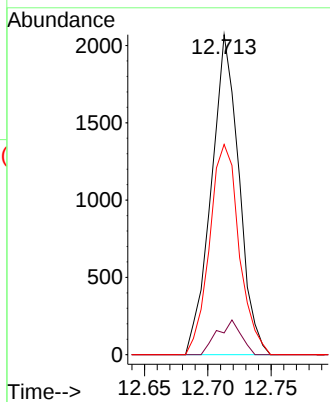
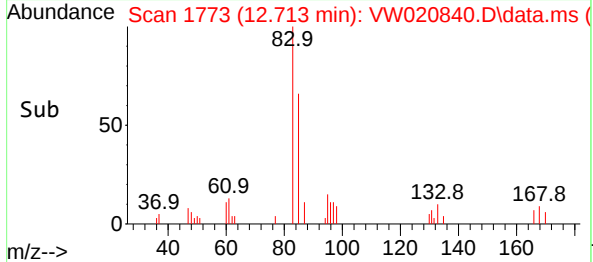
Instrument : MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 83 Resp: 3150
Ion Ratio Lower Upper
83 100
131 9.3 5.8 17.3
85 70.2 31.8 95.4

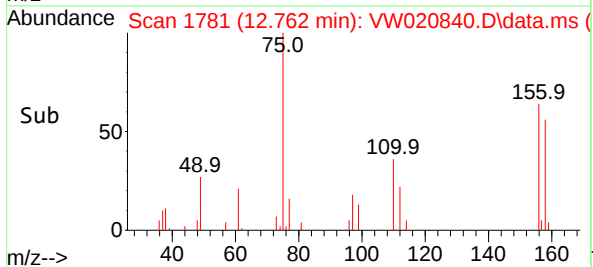
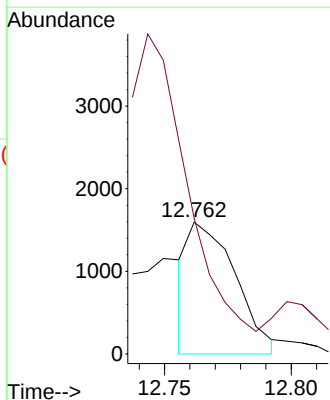
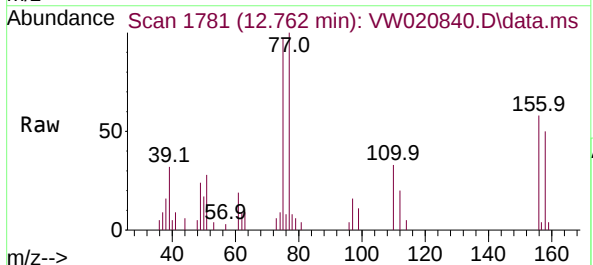
Manual Integrations
APPROVED

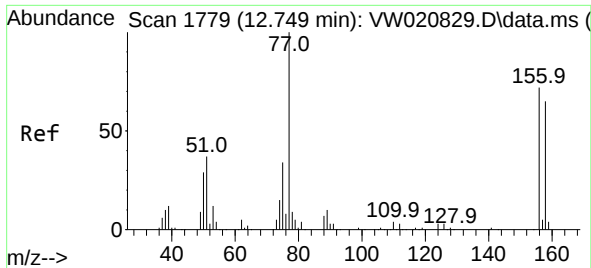
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 4.746 ug/l m
RT: 12.762 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

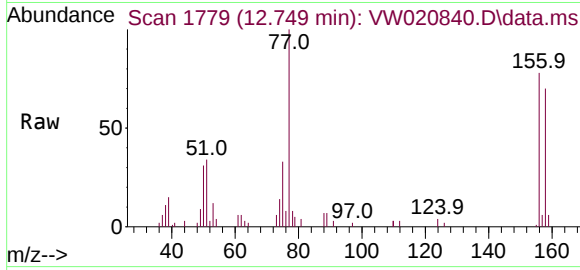
Tgt Ion: 75 Resp: 2064
Ion Ratio Lower Upper
75 100
77 355.8 0.0 0.0#





#77
Bromobenzene
Concen: 5.331 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

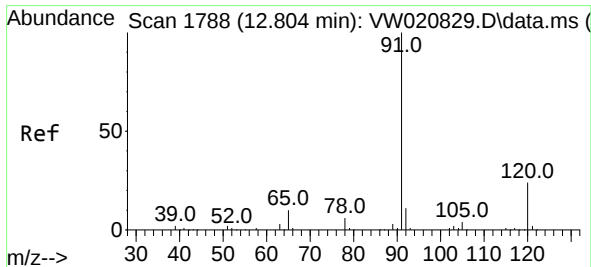
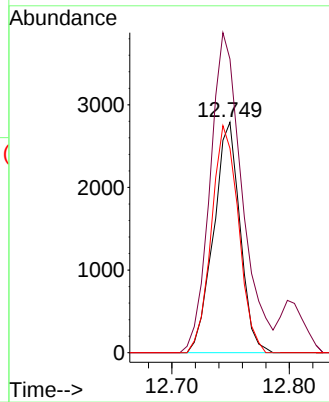
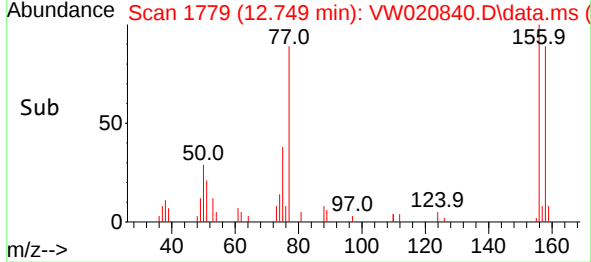
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



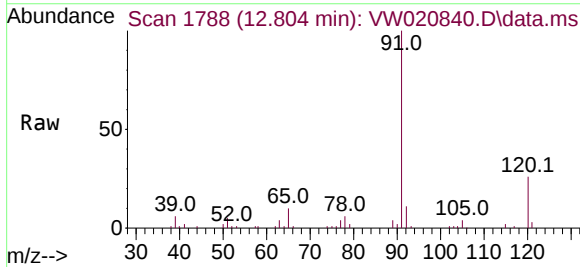
Tgt Ion:156 Resp: 4359
Ion Ratio Lower Upper
156 100
77 168.5 91.8 275.6
158 101.4 47.9 143.8

Manual Integrations
APPROVED

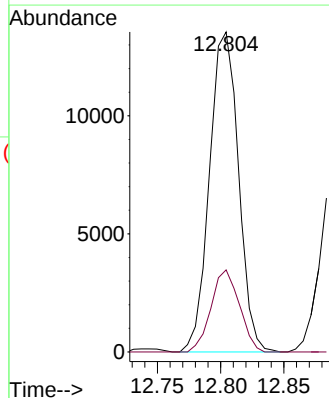
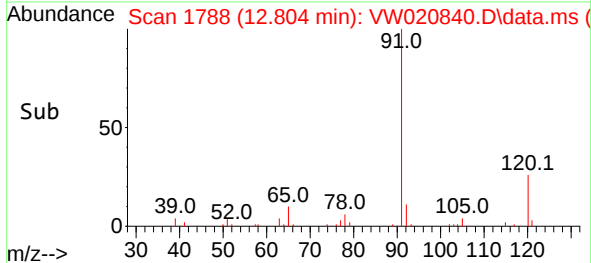
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

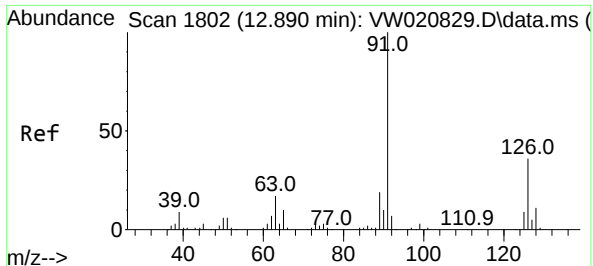


#78
n-propylbenzene
Concen: 5.043 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26



Tgt Ion: 91 Resp: 21619
Ion Ratio Lower Upper
91 100
120 25.0 11.7 35.0





#79

2-Chlorotoluene

Concen: 5.241 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_W

ClientSampleId :

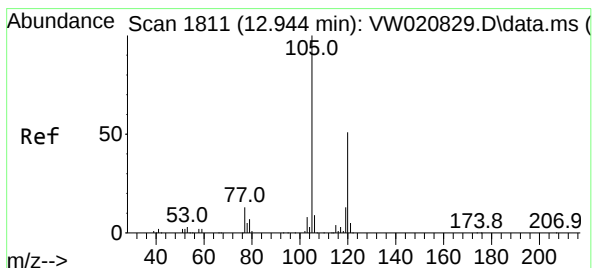
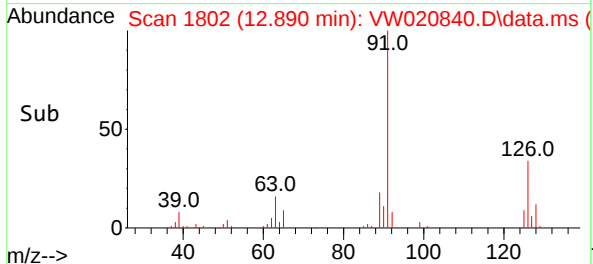
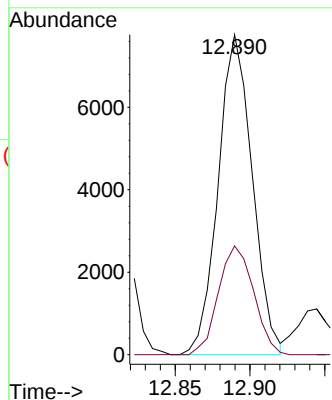
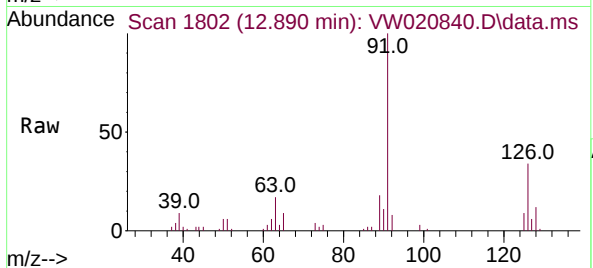
LOQ-SOIL-02-QT4-2021

Tgt Ion: 91 Resp: 1232
 Ion Ratio Lower Upper
 91 100
 126 35.0 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#80

1,3,5-Trimethylbenzene

Concen: 5.318 ug/l

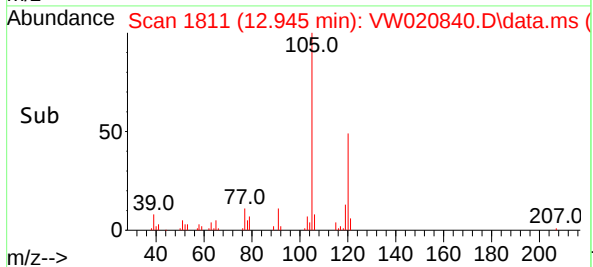
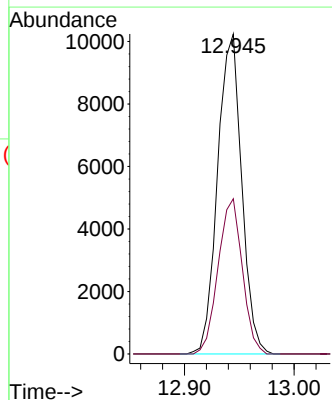
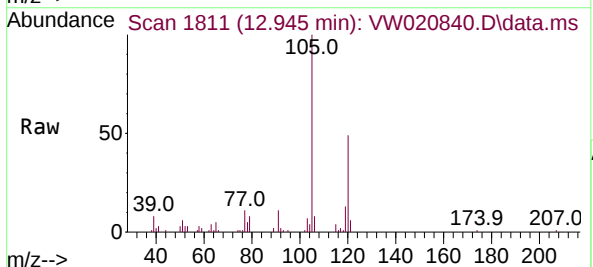
RT: 12.945 min Scan# 1811

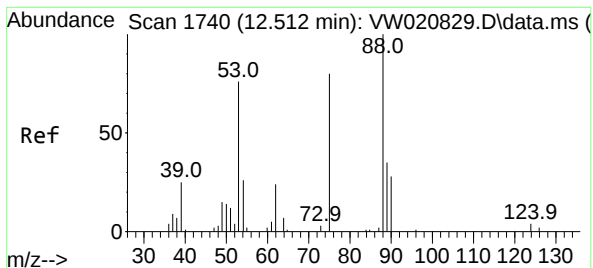
Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

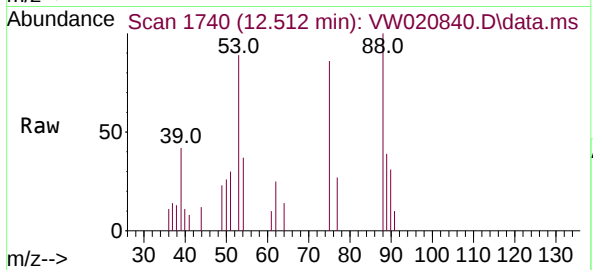
Tgt Ion:105 Resp: 15633
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 4.313 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

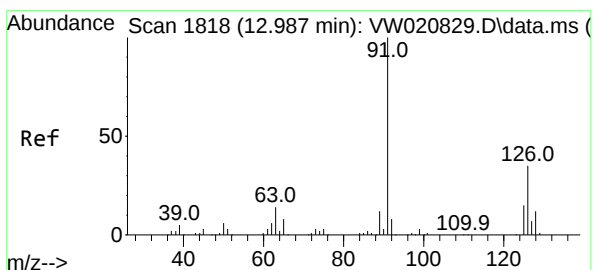
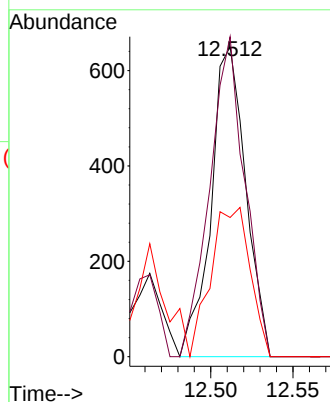
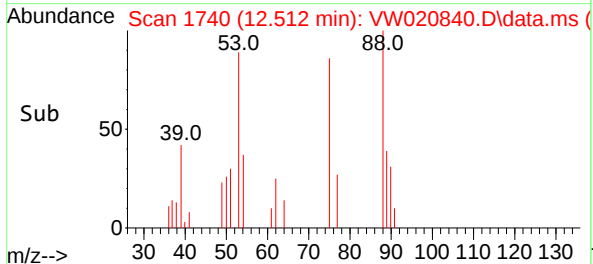
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



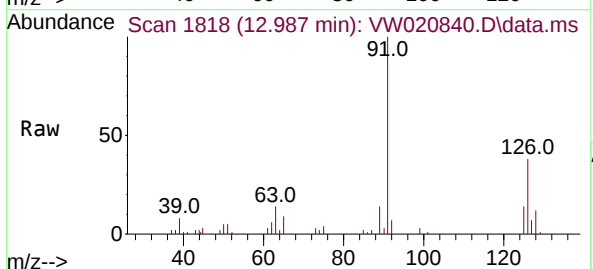
Tgt Ion: 75 Resp: 95
Ion Ratio Lower Upper
75 100
53 104.7 83.7 125.5
89 54.6 36.7 55.1

Manual Integrations
APPROVED

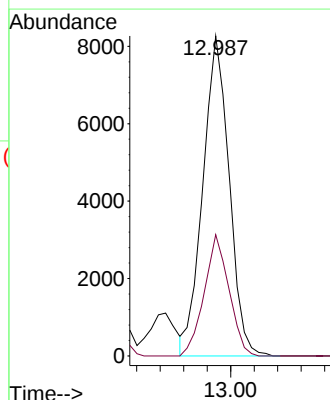
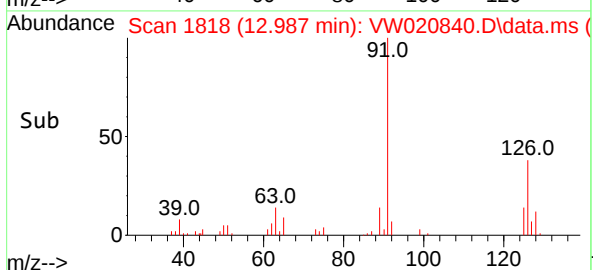
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

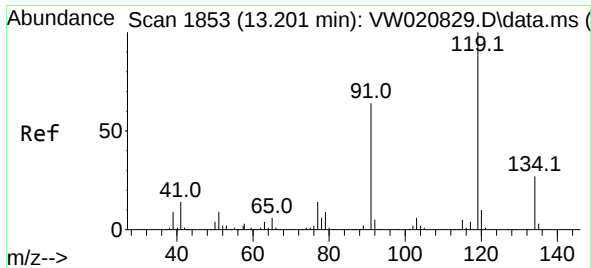


#82
4-Chlorotoluene
Concen: 5.278 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26



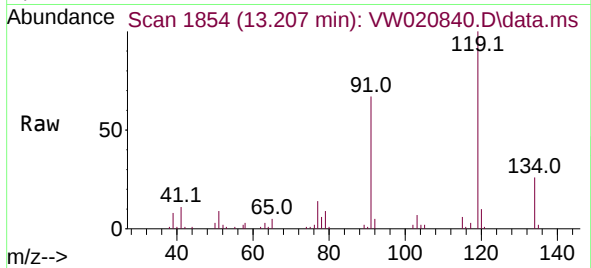
Tgt Ion: 91 Resp: 12842
Ion Ratio Lower Upper
91 100
126 35.7 16.8 50.4





#83
tert-Butylbenzene
Concen: 5.080 ug/l
RT: 13.207 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

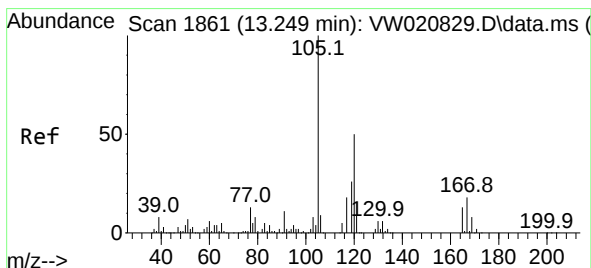
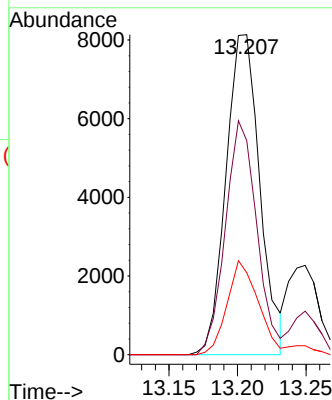
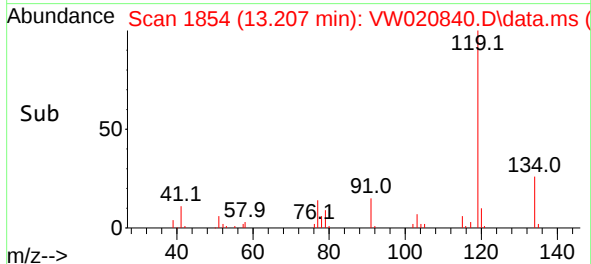
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



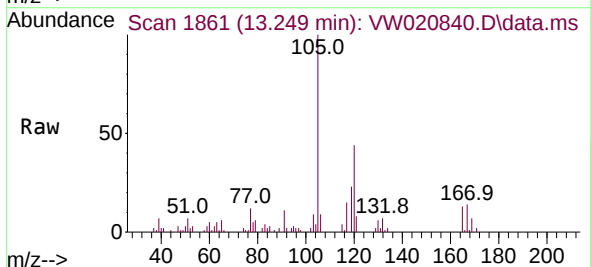
Tgt Ion:119 Resp: 1402
Ion Ratio Lower Upper
119 100
91 67.8 32.9 98.7
134 27.4 12.4 37.2

Manual Integrations
APPROVED

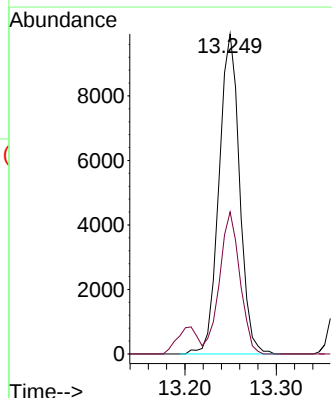
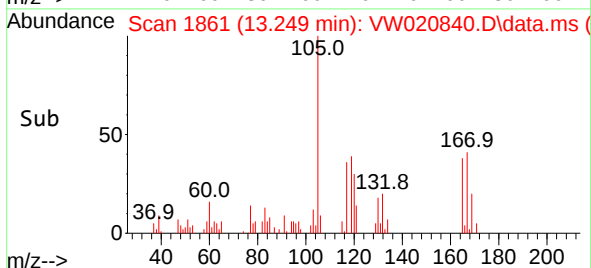
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

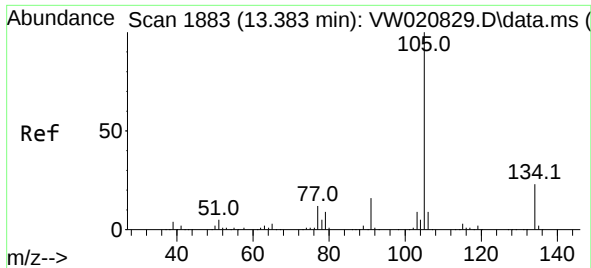


#84
1,2,4-Trimethylbenzene
Concen: 5.366 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26



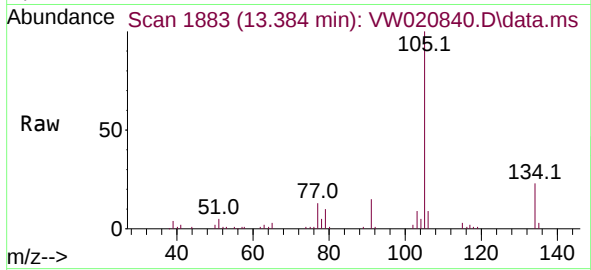
Tgt Ion:105 Resp: 15504
Ion Ratio Lower Upper
105 100
120 44.0 22.6 67.7





#85
 sec-Butylbenzene
 Concen: 5.257 ug/l
 RT: 13.384 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW020840.D
 Acq: 10 Nov 2021 18:26

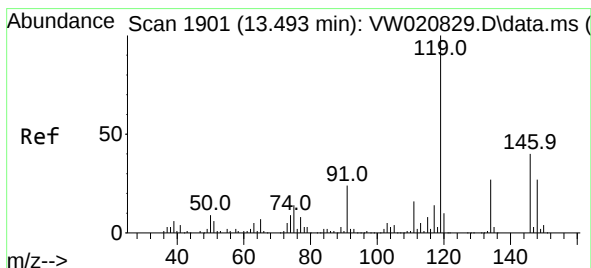
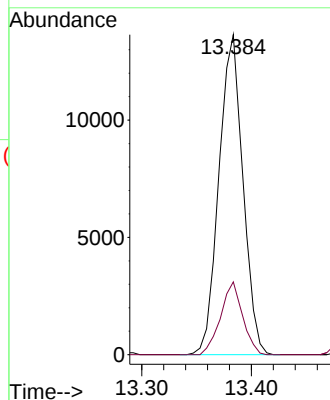
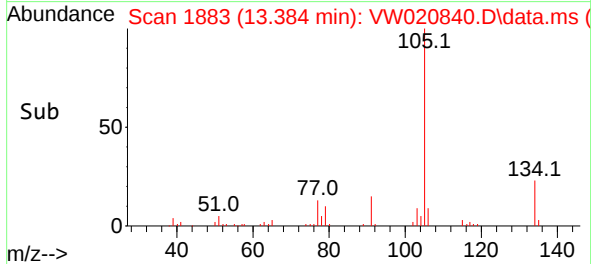
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021



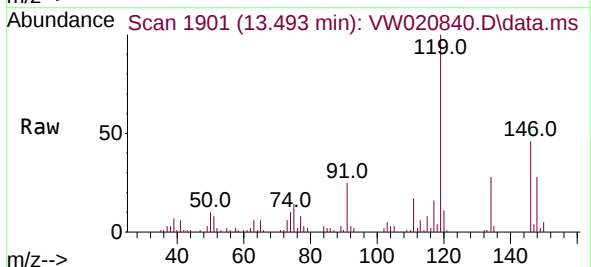
Tgt Ion:105 Resp: 20740
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.3

Manual Integrations
 APPROVED

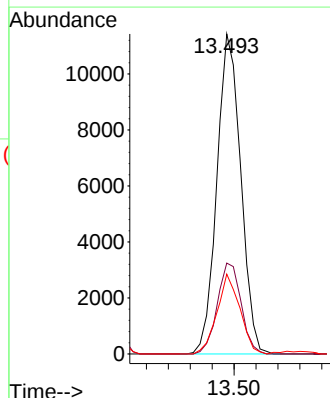
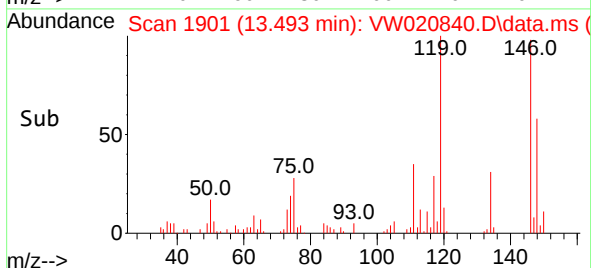
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

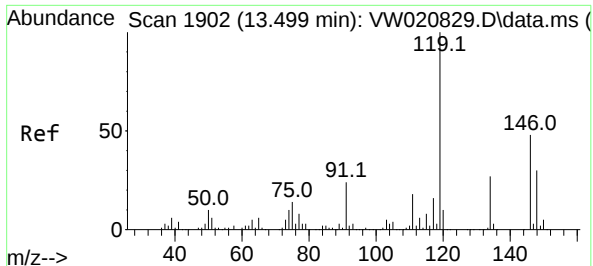


#86
 p-Isopropyltoluene
 Concen: 5.112 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020840.D
 Acq: 10 Nov 2021 18:26



Tgt Ion:119 Resp: 17286
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.0 38.9
 91 23.9 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 5.401 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_W

ClientSampleId :

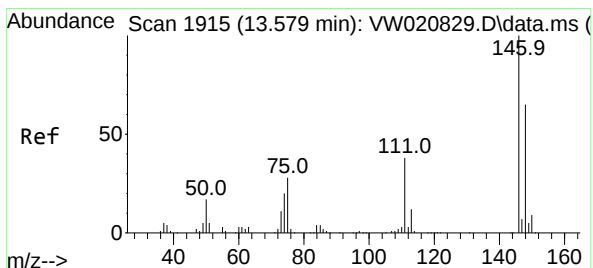
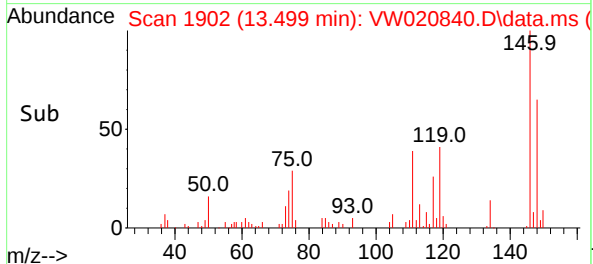
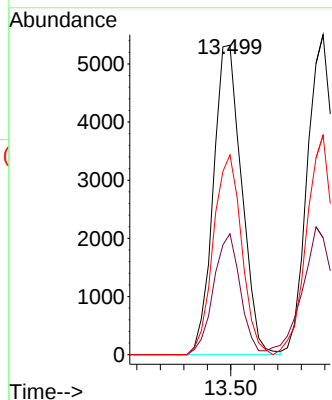
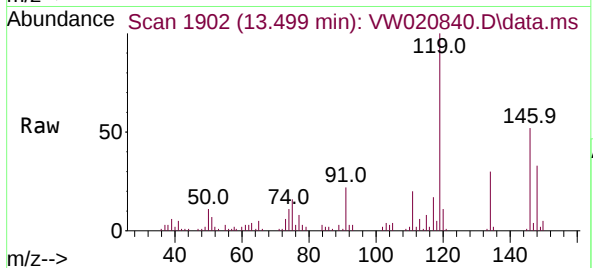
LOQ-SOIL-02-QT4-2021

Tgt Ion:146	Resp:	893
Ion Ratio	Lower	Upper
146	100	
111	37.0	19.4 58.2
148	64.3	30.8 92.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#88

1,4-Dichlorobenzene

Concen: 5.226 ug/l

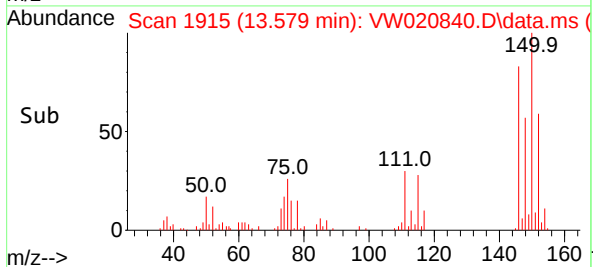
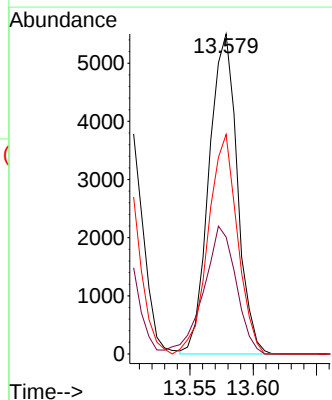
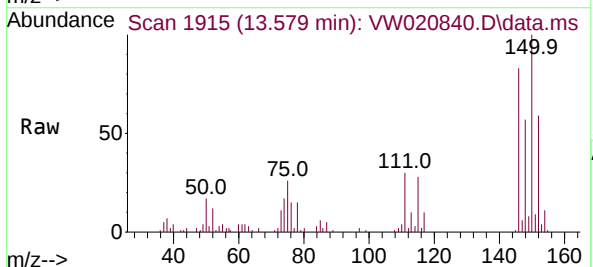
RT: 13.579 min Scan# 1915

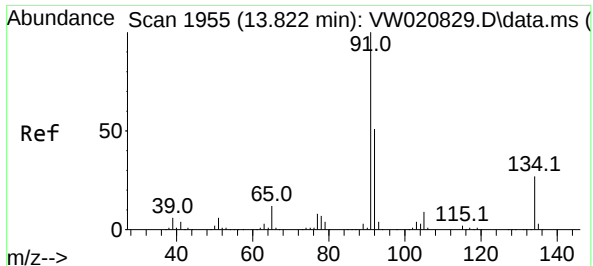
Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Tgt Ion:146	Resp:	8536
Ion Ratio	Lower	Upper
146	100	
111	45.7	19.4 58.4
148	71.0	32.4 97.2





#89

n-Butylbenzene

Concen: 5.148 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_W

ClientSampleId :

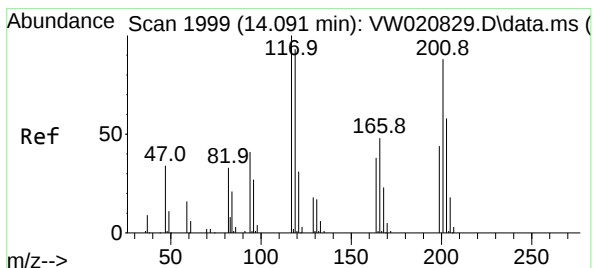
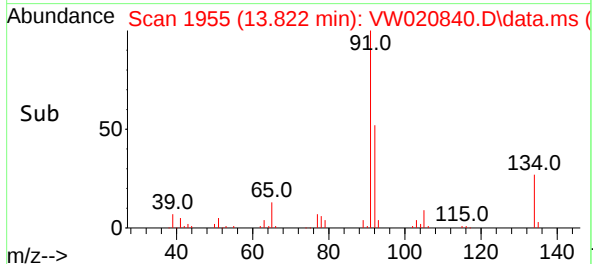
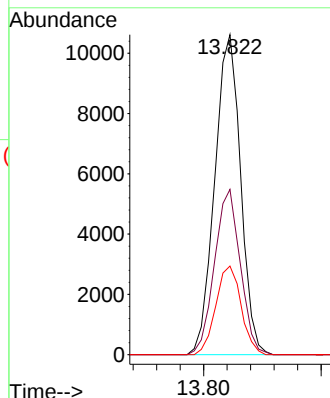
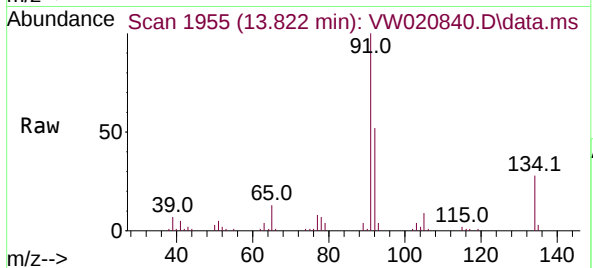
LOQ-SOIL-02-QT4-2021

Tgt Ion: 91	Resp: 16204
Ion Ratio	Lower Upper
91 100	
92 51.6	27.1 81.2
134 27.1	13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90

Hexachloroethane

Concen: 4.968 ug/l

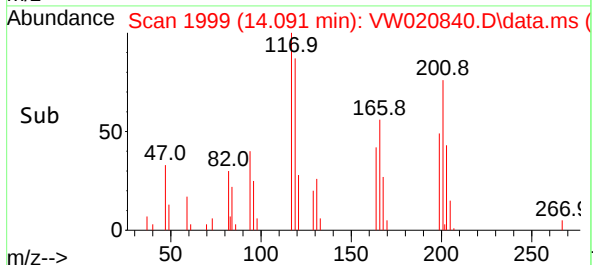
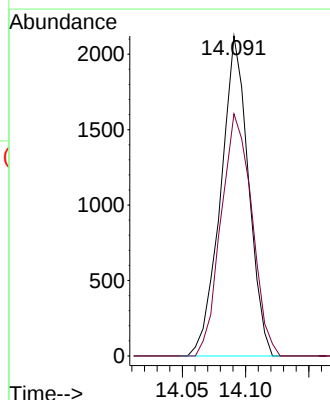
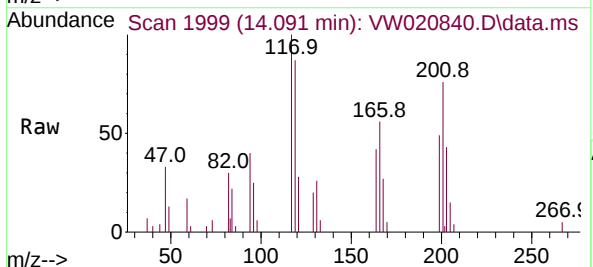
RT: 14.091 min Scan# 1999

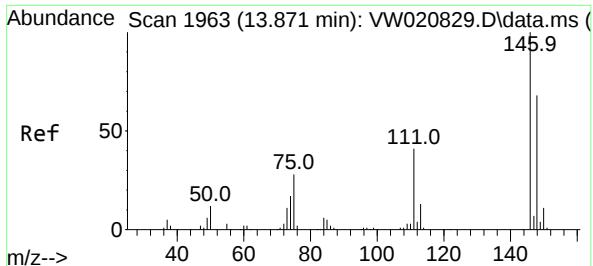
Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Tgt Ion:117	Resp: 3230
Ion Ratio	Lower Upper
117 100	
201 84.1	42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 5.818 ug/l

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_W

ClientSampleId :

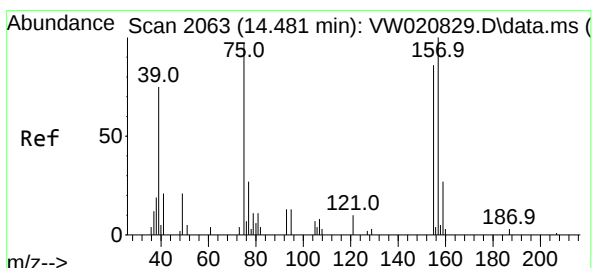
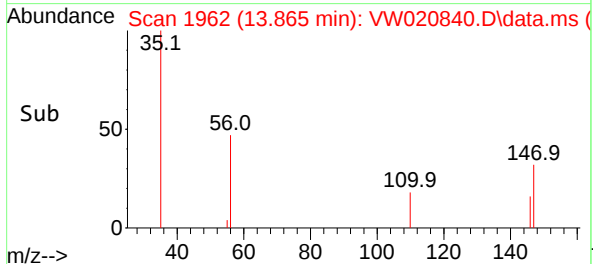
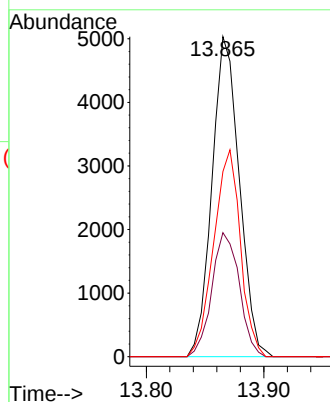
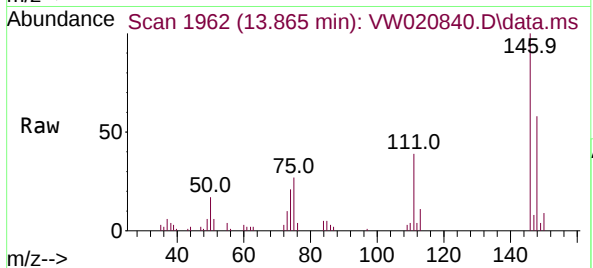
LOQ-SOIL-02-QT4-2021

Tgt Ion:	146	Resp:	813
Ion Ratio	Lower	Upper	
146	100		
111	38.9	20.4	61.3
148	63.2	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.874 ug/l

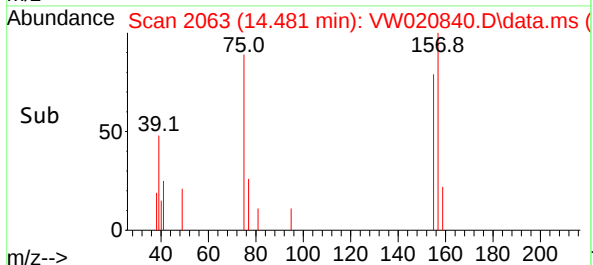
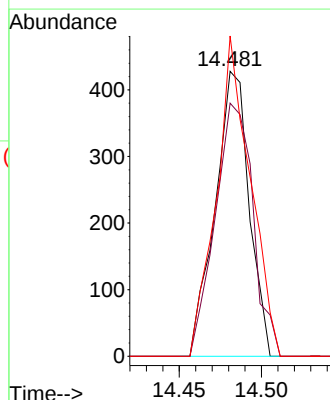
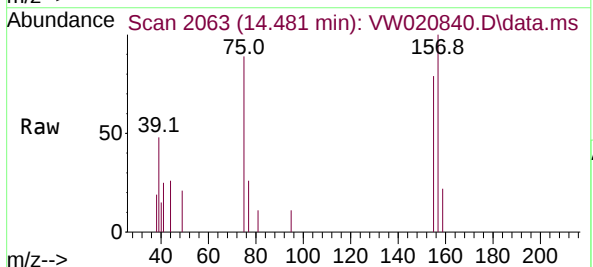
RT: 14.481 min Scan# 2063

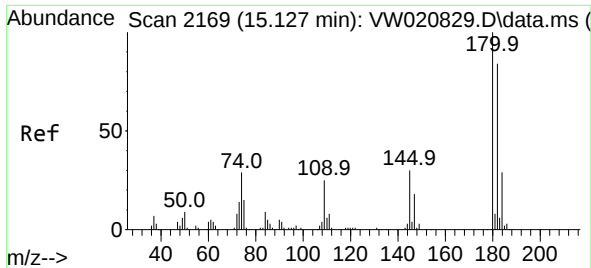
Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Tgt Ion:	75	Resp:	616
Ion Ratio	Lower	Upper	
75	100		
155	98.7	42.5	127.6
157	112.3	53.4	160.2





#93

1,2,4-Trichlorobenzene

Concen: 5.548 ug/l

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

Instrument :

MSVOA_W

ClientSampleId :

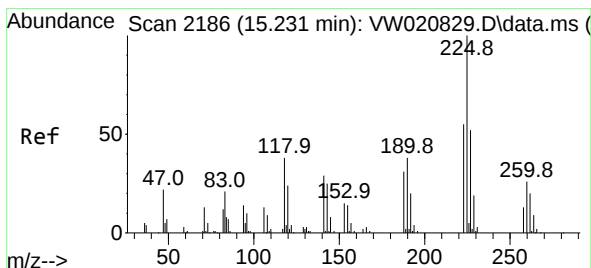
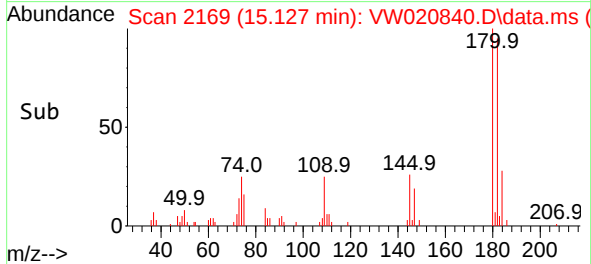
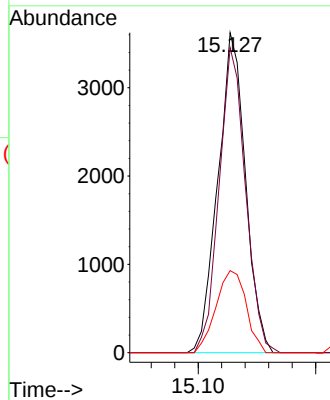
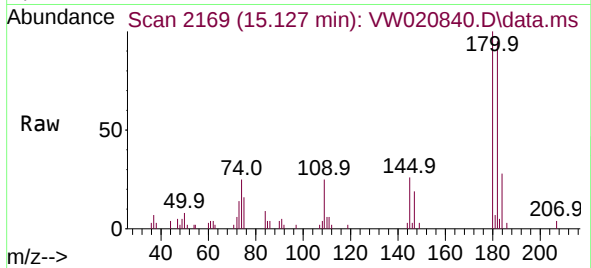
LOQ-SOIL-02-QT4-2021

Tgt Ion:	180	Resp:	590
Ion Ratio	Lower	Upper	
180	100		
182	91.1	49.4	148.2
145	28.0	15.2	45.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#94

Hexachlorobutadiene

Concen: 5.028 ug/l

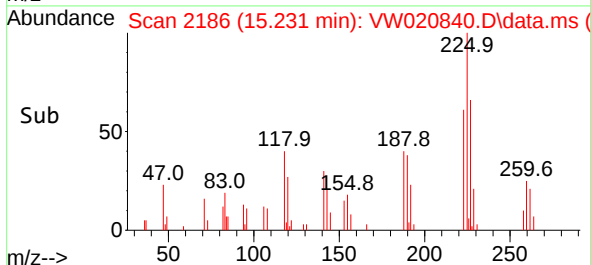
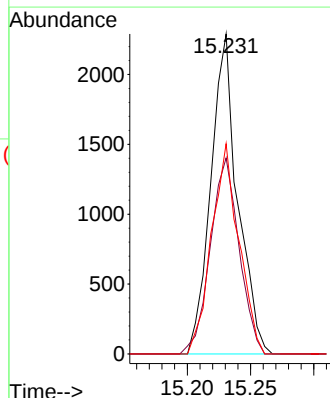
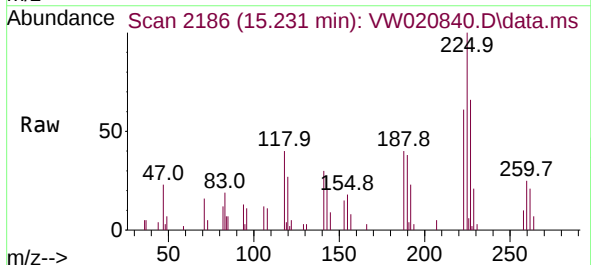
RT: 15.231 min Scan# 2186

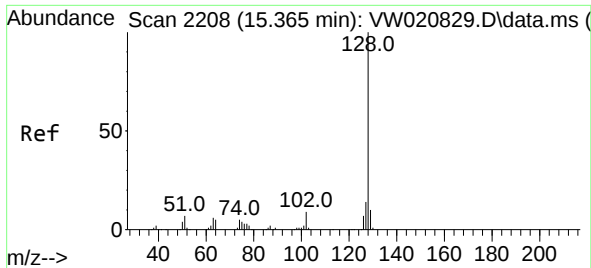
Delta R.T. 0.000 min

Lab File: VW020840.D

Acq: 10 Nov 2021 18:26

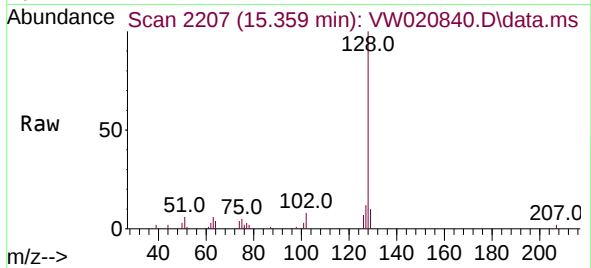
Tgt Ion:	225	Resp:	3376
Ion Ratio	Lower	Upper	
225	100		
223	65.5	29.8	89.5
227	66.9	32.8	98.4





#95
Naphthalene
Concen: 5.062 ug/l
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26

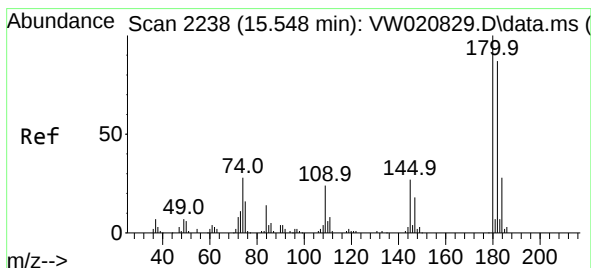
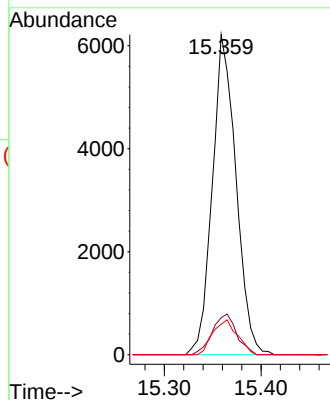
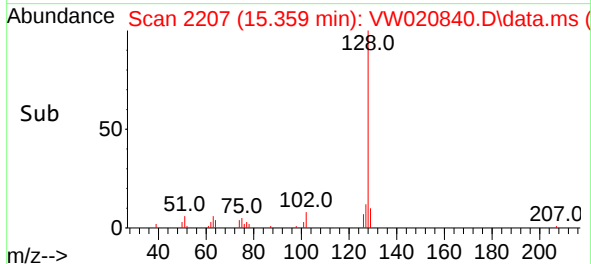
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



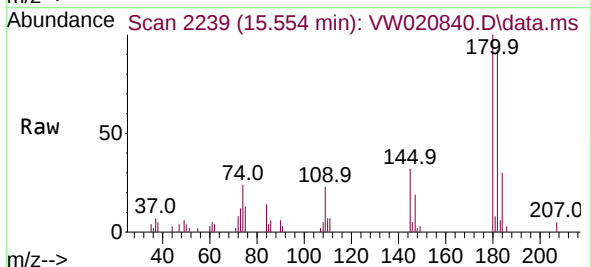
Tgt Ion:128 Resp: 1054
Ion Ratio Lower Upper
128 100
127 13.0 11.1 16.7
129 11.3 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96
1,2,3-Trichlorobenzene
Concen: 5.154 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020840.D
Acq: 10 Nov 2021 18:26



Tgt Ion:180 Resp: 4742
Ion Ratio Lower Upper
180 100
182 96.4 46.4 139.2
145 32.7 15.7 47.0

