

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020838.D
 Acq On : 10 Nov 2021 17:38
 Operator : SY/VA
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Quant Time: Nov 11 02:15:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 02:14:26 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	7.951	168	77612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	110893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	96613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	49989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	33066	51.519	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.040%			
35) Dibromofluoromethane	7.884	113	32307	52.112	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.220%			
50) Toluene-d8	10.323	98	127149	52.420	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.840%			
62) 4-Bromofluorobenzene	12.615	95	44826	51.224	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.440%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	1048	2.497	ug/l	98
4) Vinyl Chloride	2.355	62	1354	2.082	ug/l	90
5) Bromomethane	2.775	94	1238	2.711	ug/l	94
6) Chloroethane	2.916	64	573	1.987	ug/l #	41
7) Trichlorofluoromethane	3.251	101	816	2.225	ug/l #	83
8) Diethyl Ether	3.672	74	569	2.152	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.062	101	1591	2.670	ug/l	97
10) Methyl Iodide	4.269	142	1895	2.316	ug/l #	90
11) Tert butyl alcohol	5.171	59	694m	15.725	ug/l	
12) 1,1-Dichloroethene	4.037	96	1367	2.371	ug/l #	79
13) Acrolein	3.897	56	189	9.741	ug/l #	68
14) Allyl chloride	4.671	41	2035	2.383	ug/l	100
15) Acrylonitrile	5.379	53	1750	11.605	ug/l	98
16) Acetone	4.123	43	2404	15.428	ug/l	93
17) Carbon Disulfide	4.391	76	3484	2.267	ug/l	96
18) Methyl Acetate	4.678	43	1636	2.930	ug/l #	68
19) Methyl tert-butyl Ether	5.434	73	2140	2.603	ug/l #	83
20) Methylene Chloride	4.921	84	4015	5.926	ug/l #	87
21) trans-1,2-Dichloroethene	5.427	96	1566	2.502	ug/l	93
22) Diisopropyl ether	6.318	45	3735	2.329	ug/l	97
23) Vinyl Acetate	6.257	43	10621	10.683	ug/l	96
24) 1,1-Dichloroethane	6.214	63	2217	2.099	ug/l #	90
25) 2-Butanone	7.171	43	2569	11.981	ug/l	92
26) 2,2-Dichloropropane	7.165	77	1730	2.413	ug/l	95
27) cis-1,2-Dichloroethene	7.177	96	1562	2.271	ug/l	91
28) Bromochloromethane	7.512	49	1154	2.305	ug/l #	87
29) Tetrahydrofuran	7.537	42	1691	12.651	ug/l	95
30) Chloroform	7.677	83	2622	2.356	ug/l	98
31) Cyclohexane	7.951	56	4223	3.668	ug/l #	73
32) 1,1,1-Trichloroethane	7.872	97	2430	2.457	ug/l	96
36) 1,1-Dichloropropene	8.079	75	2222	2.424	ug/l	99
37) Ethyl Acetate	7.262	43	1341	3.030	ug/l #	77
38) Carbon Tetrachloride	8.067	117	2366	2.464	ug/l #	86
39) Methylcyclohexane	9.335	83	3234	2.690	ug/l	88
40) Benzene	8.329	78	7338	2.991	ug/l	100
41) Methacrylonitrile	7.500	41	865m	3.387	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.403	62	1778	2.462	ug/l	94
43) Isopropyl Acetate	8.427	43	1996	2.372	ug/l #	82
44) Trichloroethene	9.098	130	1747	2.393	ug/l	73
45) 1,2-Dichloropropane	9.372	63	1278	2.293	ug/l #	85
46) Dibromomethane	9.457	93	809	2.347	ug/l	95
47) Bromodichloromethane	9.646	83	1856	2.254	ug/l	95
48) Methyl methacrylate	9.439	41	945	2.353	ug/l #	88
49) 1,4-Dioxane	9.457	88	191	36.617	ug/l #	81
51) 4-Methyl-2-Pentanone	10.207	43	5392	12.068	ug/l	99
52) Toluene	10.390	92	3693	2.298	ug/l	89
53) t-1,3-Dichloropropene	10.603	75	1899	2.241	ug/l	90
54) cis-1,3-Dichloropropene	10.079	75	2044	2.168	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	1163	2.542	ug/l	92
56) Ethyl methacrylate	10.646	69	1475	2.336	ug/l #	93
57) 1,3-Dichloropropane	10.933	76	1870	2.419	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	3856	10.869	ug/l	98
59) 2-Hexanone	10.969	43	4012	12.234	ug/l	97
60) Dibromochloromethane	11.128	129	1361	2.264	ug/l	94
61) 1,2-Dibromoethane	11.231	107	1215	2.570	ug/l	93
64) Tetrachloroethene	10.866	164	1751	2.801	ug/l #	65
65) Chlorobenzene	11.652	112	4105	2.430	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.731	131	1460	2.382	ug/l	98
67) Ethyl Benzene	11.731	91	7491	2.412	ug/l	97
68) m/p-Xylenes	11.835	106	6071	4.944	ug/l	89
69) o-Xylene	12.164	106	2846	2.497	ug/l	88
70) Styrene	12.182	104	4429	2.327	ug/l	98
71) Bromoform	12.347	173	948	2.393	ug/l #	93
73) Isopropylbenzene	12.463	105	8017	2.571	ug/l	98
74) N-amyl acetate	12.274	43	1895	2.545	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	1350	2.425	ug/l	90
76) 1,2,3-Trichloropropane	12.768	75	728m	1.894	ug/l	
77) Bromobenzene	12.749	156	1833	2.537	ug/l	95
78) n-propylbenzene	12.804	91	9415	2.485	ug/l	96
79) 2-Chlorotoluene	12.890	91	5211	2.508	ug/l	90
80) 1,3,5-Trimethylbenzene	12.938	105	6411	2.468	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.512	75	363m	1.859	ug/l	
82) 4-Chlorotoluene	12.987	91	5360	2.493	ug/l	93
83) tert-Butylbenzene	13.200	119	6223	2.551	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	6522	2.554	ug/l	98
85) sec-Butylbenzene	13.383	105	9338	2.678	ug/l	96
86) p-Isopropyltoluene	13.499	119	7443	2.491	ug/l	94
87) 1,3-Dichlorobenzene	13.499	146	4019	2.750	ug/l	98
88) 1,4-Dichlorobenzene	13.572	146	4157	2.880	ug/l	92
89) n-Butylbenzene	13.822	91	6825	2.453	ug/l	95
90) Hexachloroethane	14.091	117	1387	2.414	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	3430	2.776	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	237	2.122	ug/l	57
93) 1,2,4-Trichlorobenzene	15.127	180	2739	2.910	ug/l	89
94) Hexachlorobutadiene	15.231	225	1655	2.789	ug/l	98
95) Naphthalene	15.359	128	5263	2.858	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	2396	2.947	ug/l	94

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

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

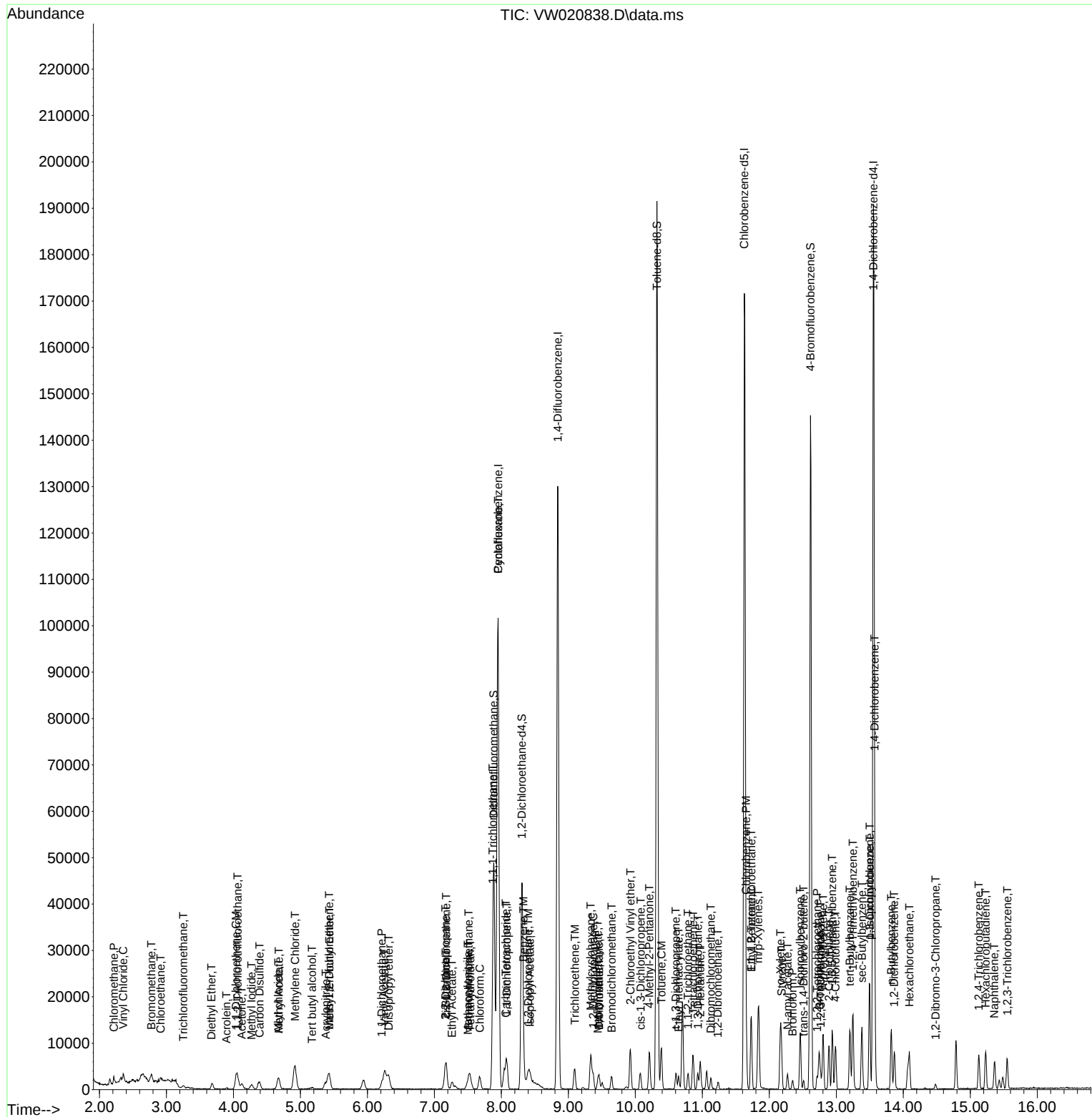
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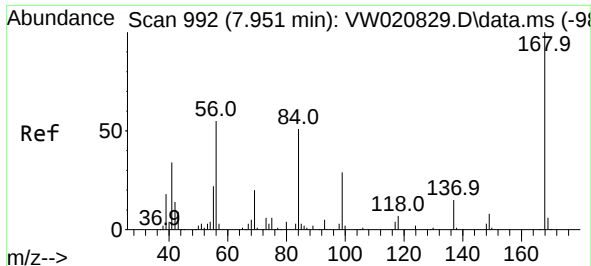
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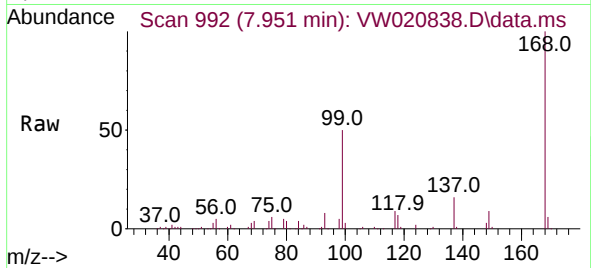
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

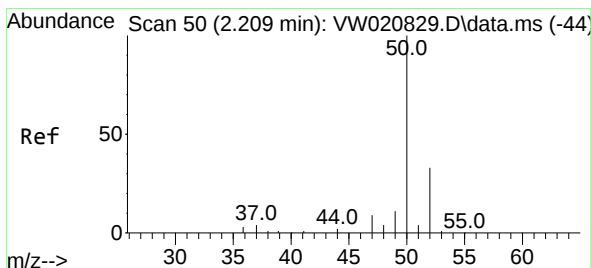
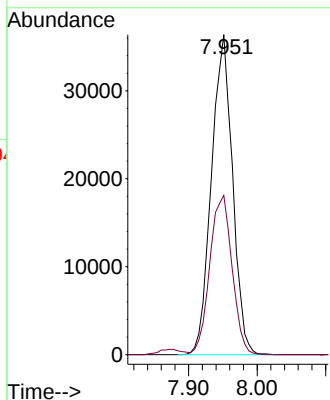
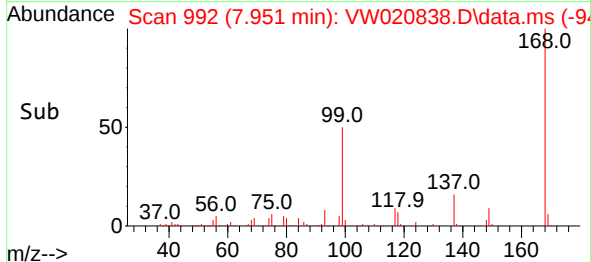
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:168 Resp: 7761
Ion Ratio Lower Upper
168 100
99 49.8 45.4 68.0

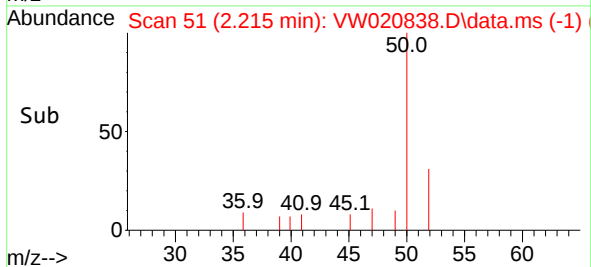
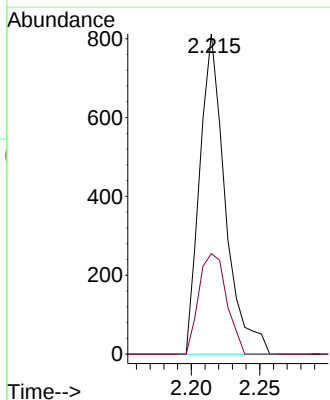
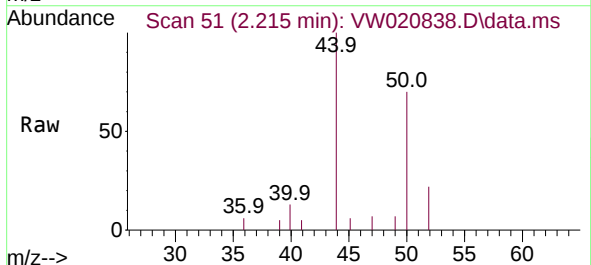
Manual Integrations
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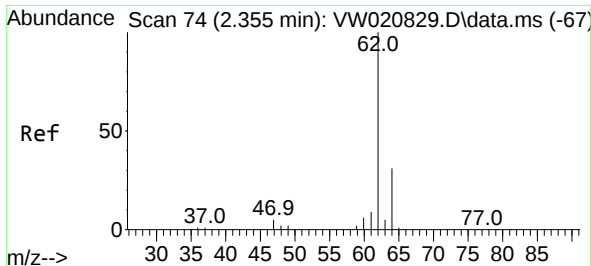
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#3
Chloromethane
Concen: 2.497 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

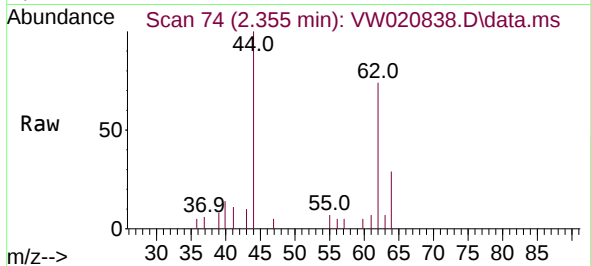
Tgt Ion: 50 Resp: 1048
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9





#4
 Vinyl Chloride
 Concen: 2.082 ug/l
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW020838.D
 Acq: 10 Nov 2021 17:38

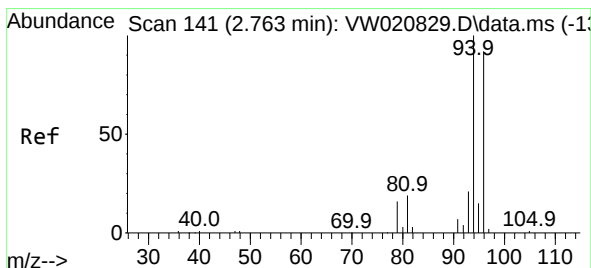
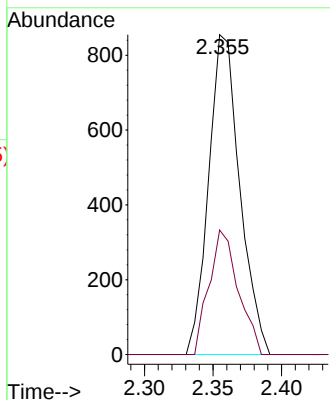
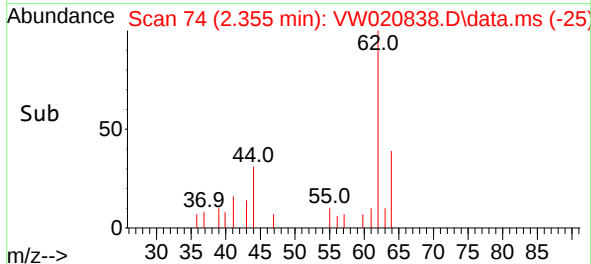
Instrument :
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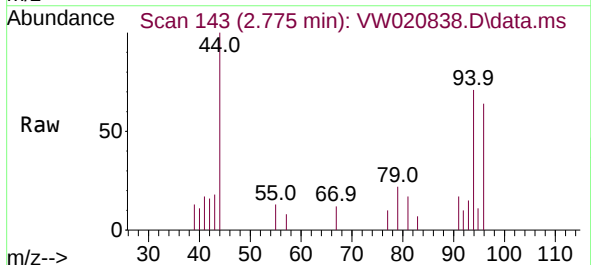
Tgt Ion: 62 Resp: 1354
 Ion Ratio Lower Upper
 62 100
 64 38.9 26.6 40.0

Manual Integrations
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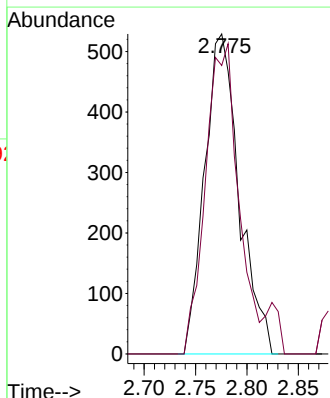
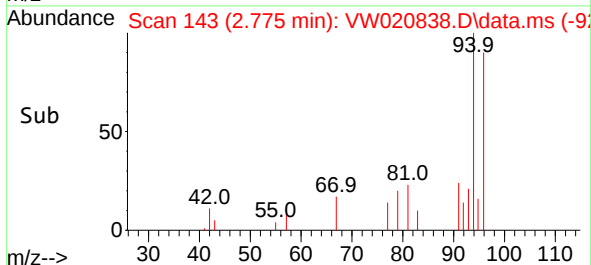
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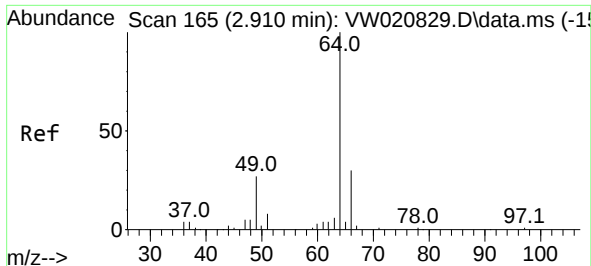


#5
 Bromomethane
 Concen: 2.711 ug/l
 RT: 2.775 min Scan# 143
 Delta R.T. 0.012 min
 Lab File: VW020838.D
 Acq: 10 Nov 2021 17:38



Tgt Ion: 94 Resp: 1238
 Ion Ratio Lower Upper
 94 100
 96 90.2 76.7 115.1





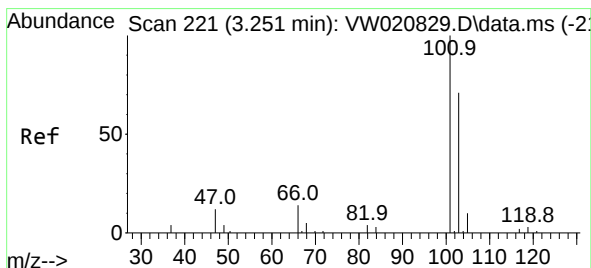
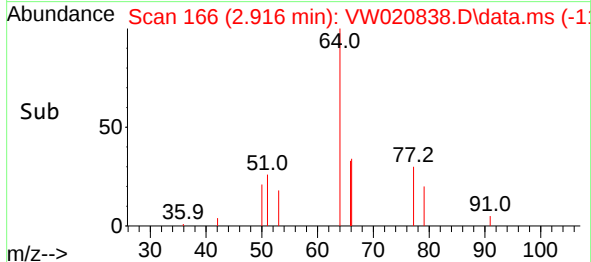
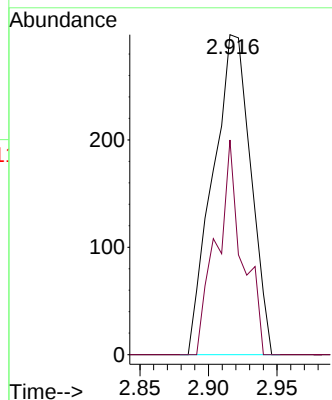
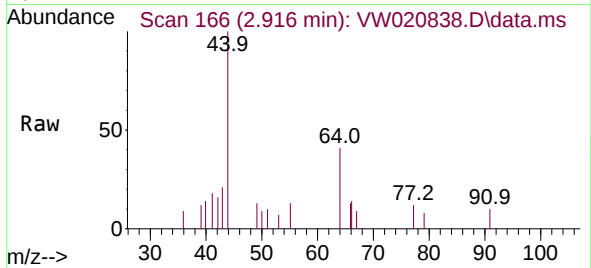
#6
Chloroethane
Concen: 1.987 ug/l
RT: 2.916 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Instrument :
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Tgt Ion: 64 Resp: 57.1
Ion Ratio Lower Upper
64 100
66 67.1 27.0 40.4

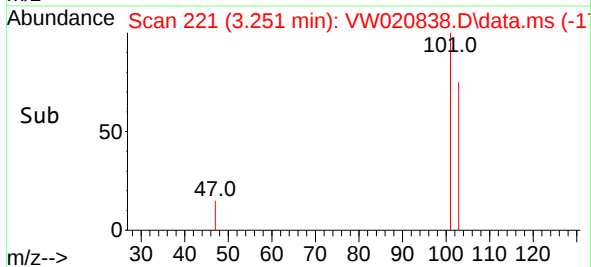
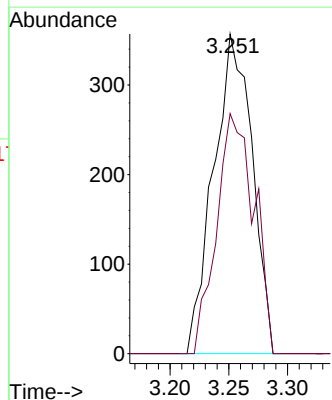
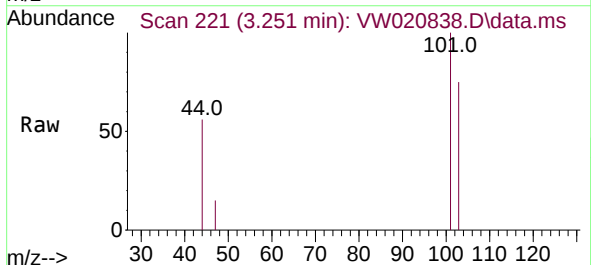
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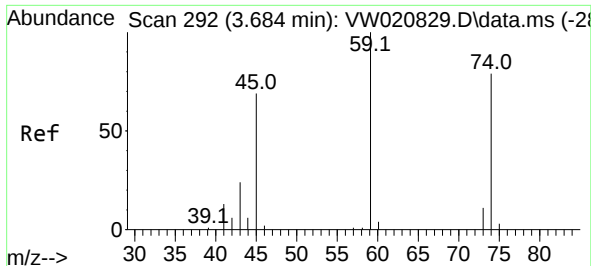
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#7
Trichlorofluoromethane
Concen: 2.225 ug/l
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Tgt Ion:101 Resp: 816
Ion Ratio Lower Upper
101 100
103 75.1 49.4 74.0





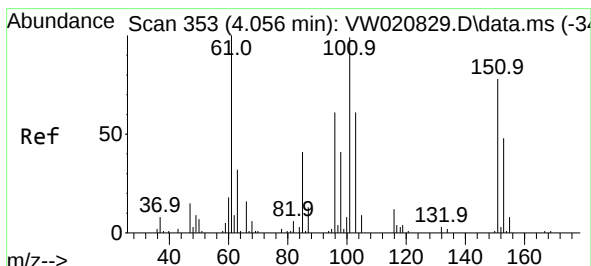
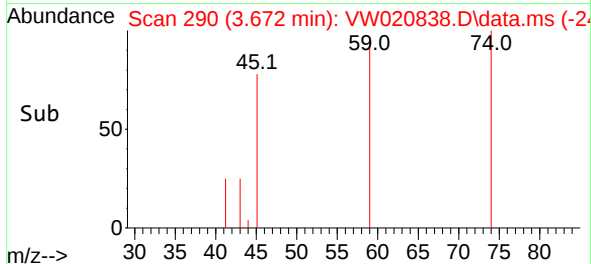
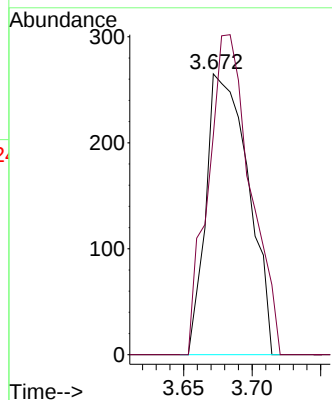
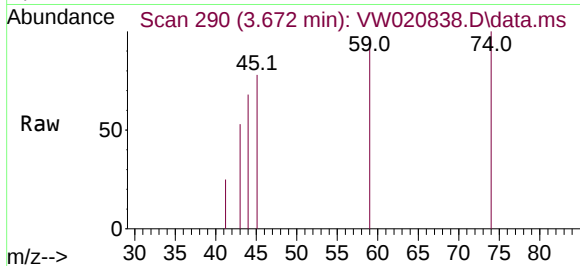
#8
Diethyl Ether
Concen: 2.152 ug/l
RT: 3.672 min Scan# 290
Delta R.T. -0.012 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 74 Resp: 569
Ion Ratio Lower Upper
74 100
45 114.2 50.0 150.1

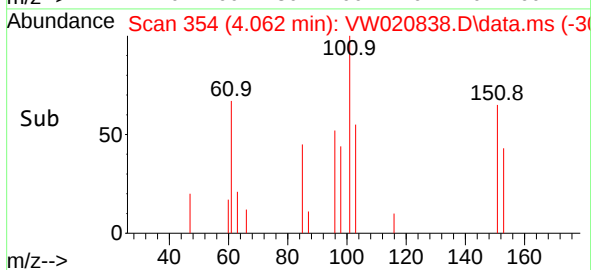
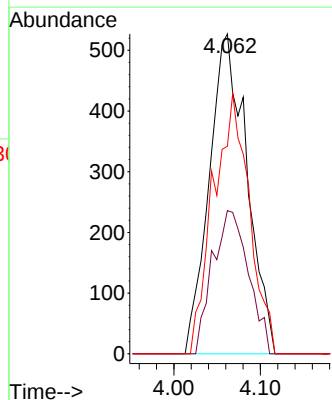
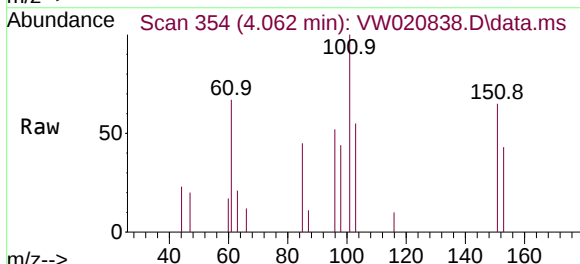
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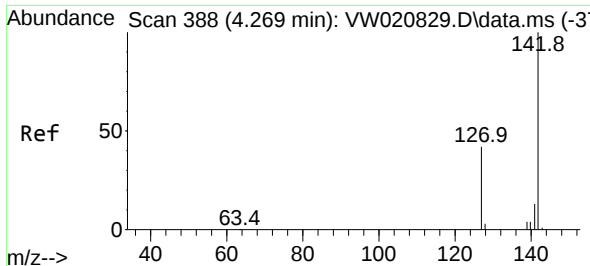
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.670 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

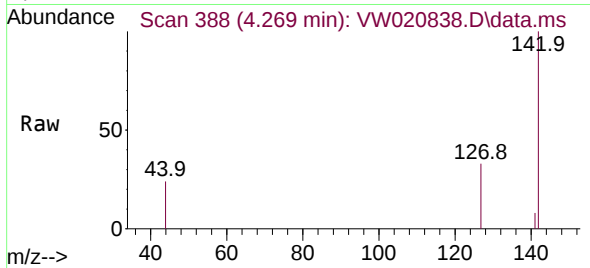
Tgt Ion:101 Resp: 1591
Ion Ratio Lower Upper
101 100
85 42.7 34.9 52.3
151 77.8 64.5 96.7





#10
Methyl Iodide
Concen: 2.316 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

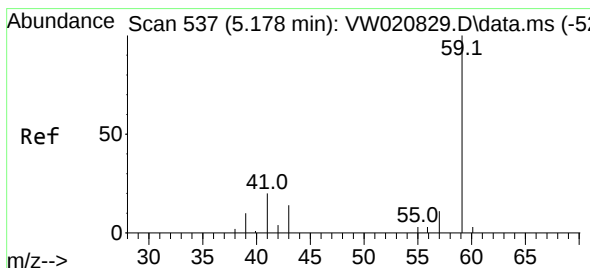
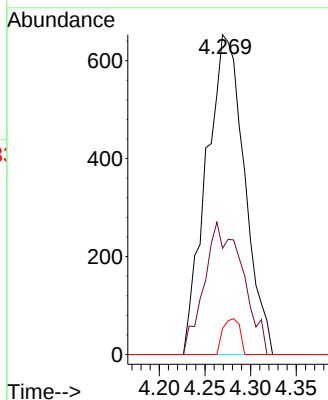
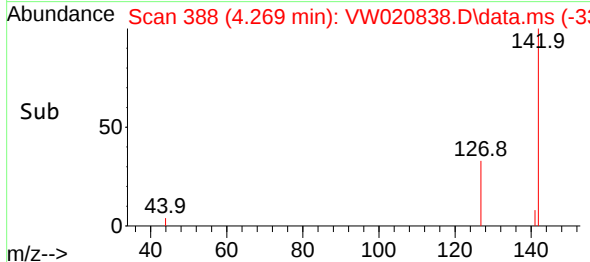
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:142 Resp: 189
Ion Ratio Lower Upper
142 100
127 41.4 35.8 53.6
141 5.0 11.8 17.6

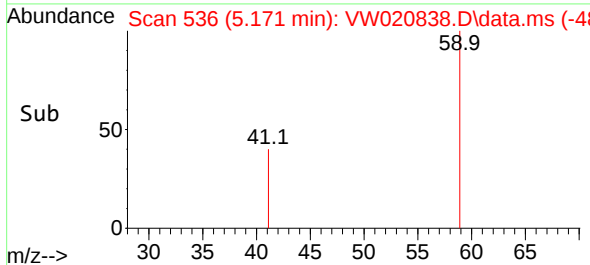
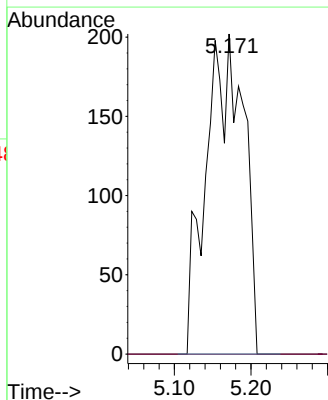
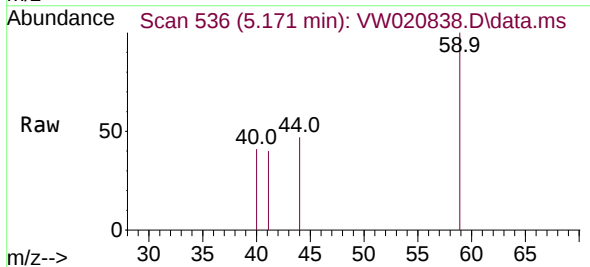
Manual Integrations
APPROVED

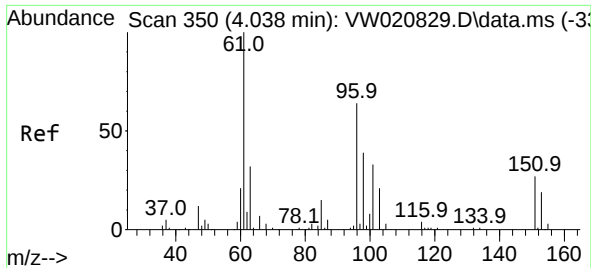
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#11
Tert butyl alcohol
Concen: 15.725 ug/l m
RT: 5.171 min Scan# 536
Delta R.T. -0.007 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

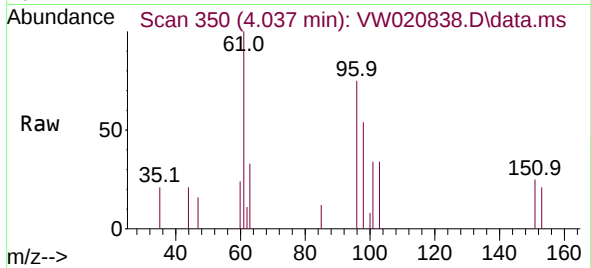
Tgt Ion: 59 Resp: 694
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#





#12
1,1-Dichloroethene
Concen: 2.371 ug/l
RT: 4.037 min Scan# 350
Delta R.T. -0.001 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

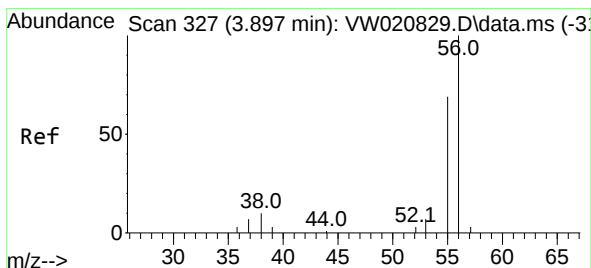
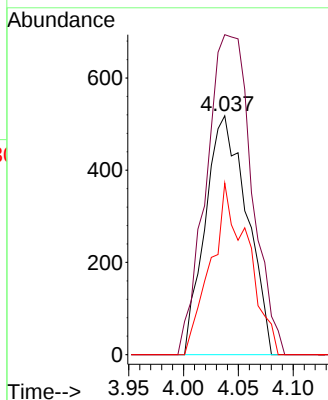
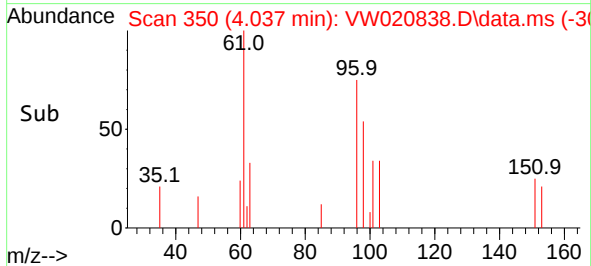
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 96 Resp: 136
Ion Ratio Lower Upper
96 100
61 134.0 131.0 196.6
98 71.8 47.8 71.6

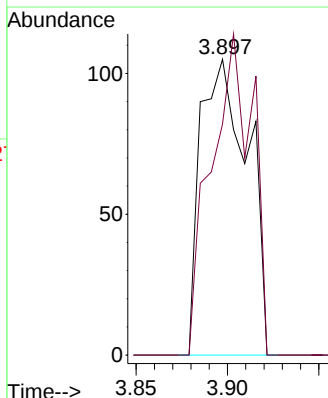
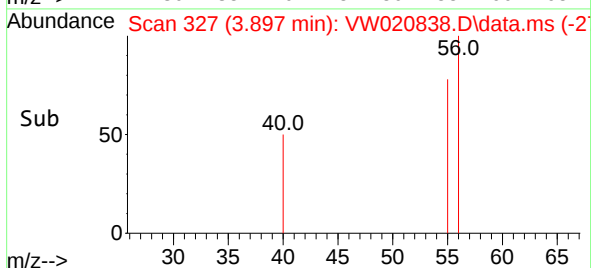
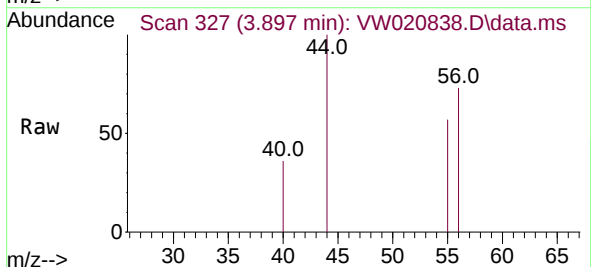
Manual Integrations
APPROVED

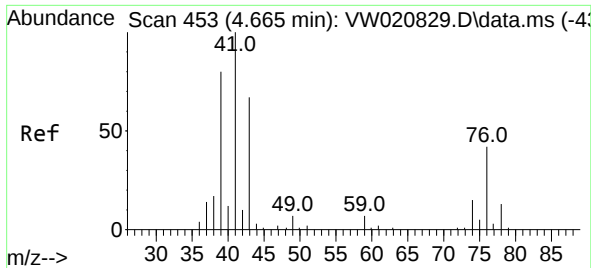
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#13
Acrolein
Concen: 9.741 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

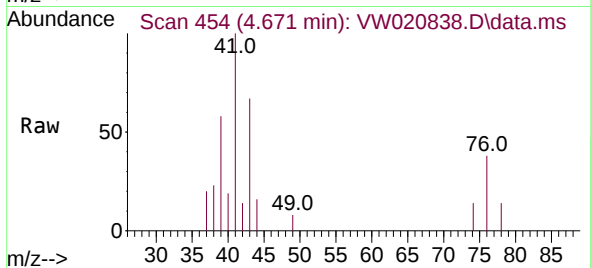
Tgt Ion: 56 Resp: 189
Ion Ratio Lower Upper
56 100
55 95.2 55.5 83.3





#14
 Allyl chloride
 Concen: 2.383 ug/l
 RT: 4.671 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VW020838.D
 Acq: 10 Nov 2021 17:38

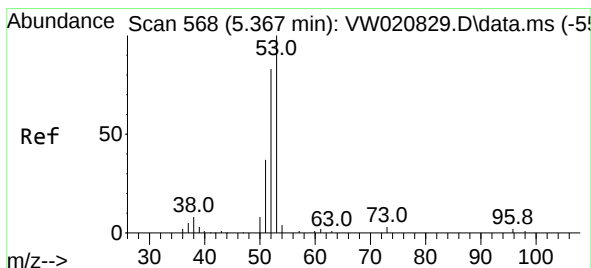
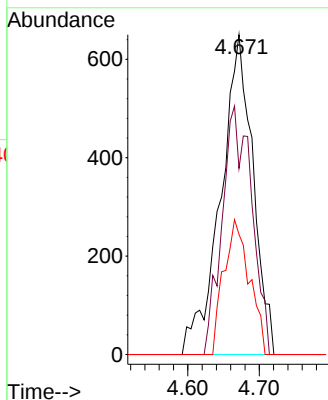
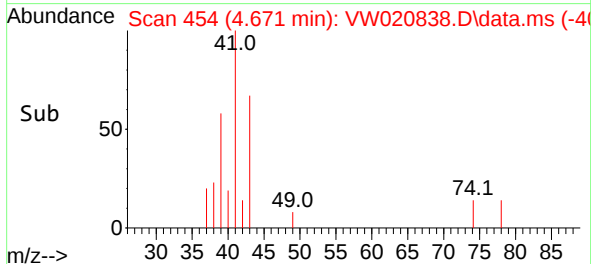
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021



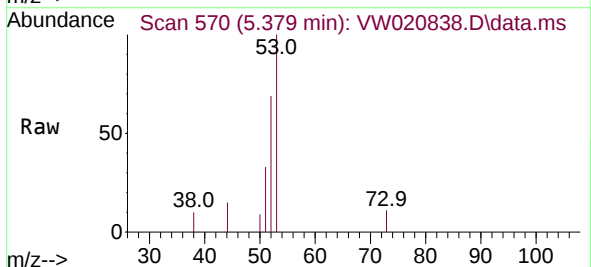
Tgt Ion: 41 Resp: 203
 Ion Ratio Lower Upper
 41 100
 39 71.4 57.1 85.7
 76 33.5 27.1 40.7

Manual Integrations
 APPROVED

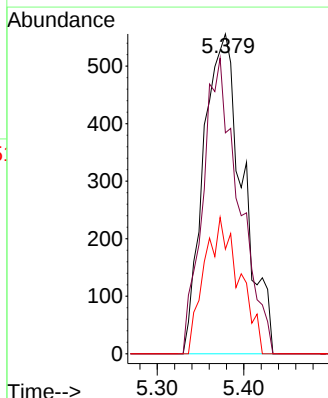
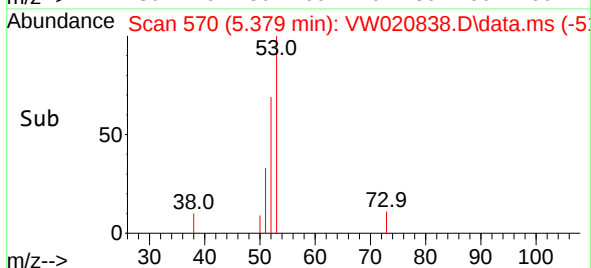
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

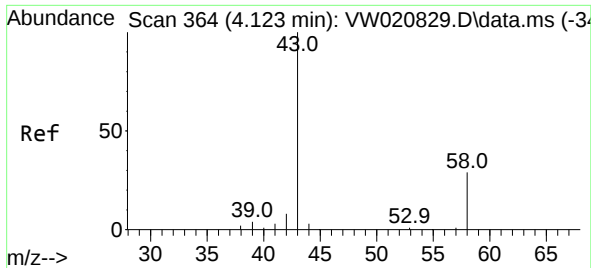


#15
 Acrylonitrile
 Concen: 11.605 ug/l
 RT: 5.379 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: VW020838.D
 Acq: 10 Nov 2021 17:38



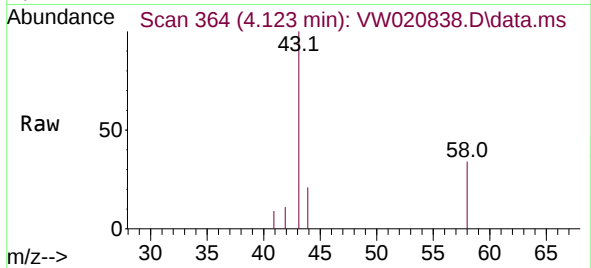
Tgt Ion: 53 Resp: 1750
 Ion Ratio Lower Upper
 53 100
 52 85.1 66.8 100.2
 51 38.1 30.1 45.1





#16
Acetone
Concen: 15.428 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

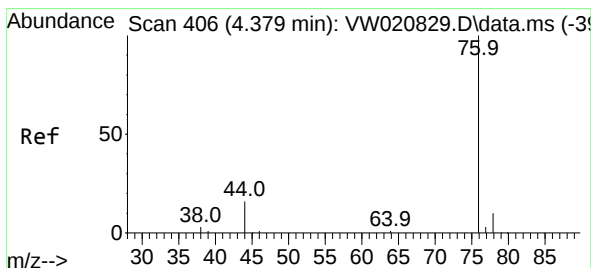
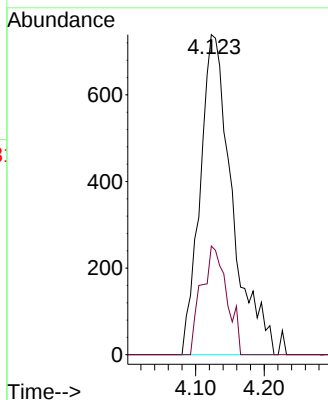
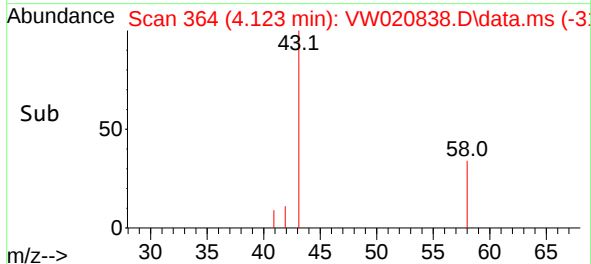
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



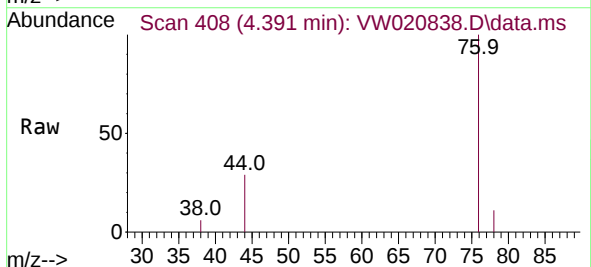
Tgt Ion: 43 Resp: 2404
Ion Ratio Lower Upper
43 100
58 34.0 24.2 36.2

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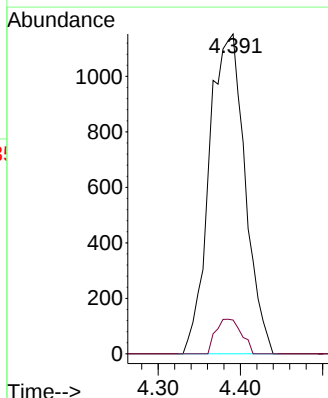
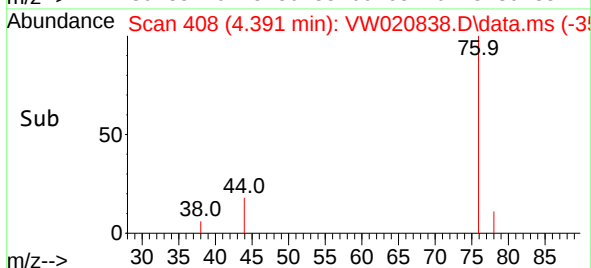
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

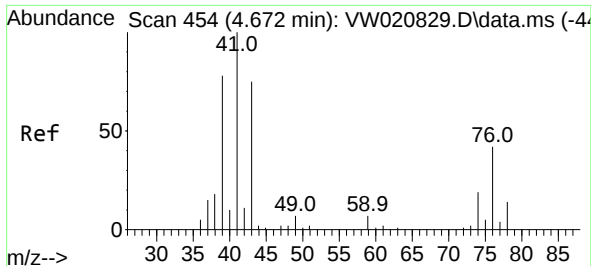


#17
Carbon Disulfide
Concen: 2.267 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.012 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



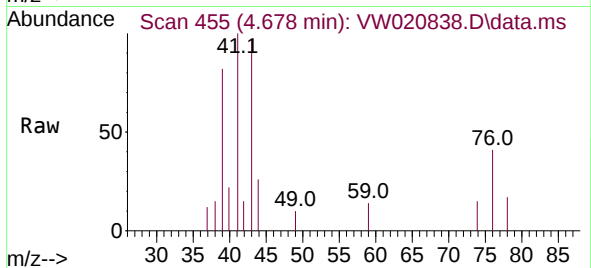
Tgt Ion: 76 Resp: 3484
Ion Ratio Lower Upper
76 100
78 10.6 7.2 10.8





#18
Methyl Acetate
Concen: 2.930 ug/l
RT: 4.678 min Scan# 418
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

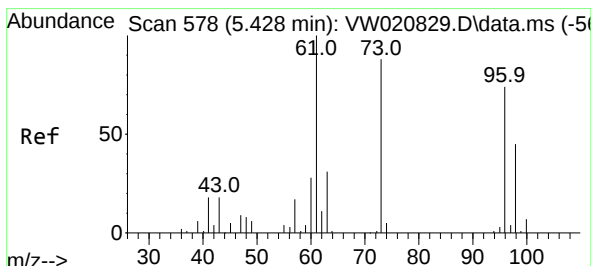
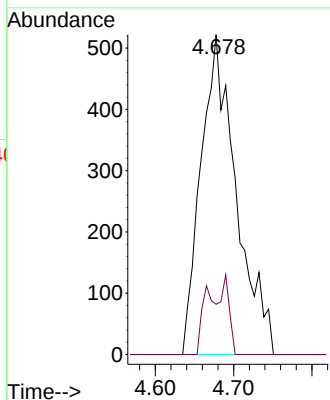
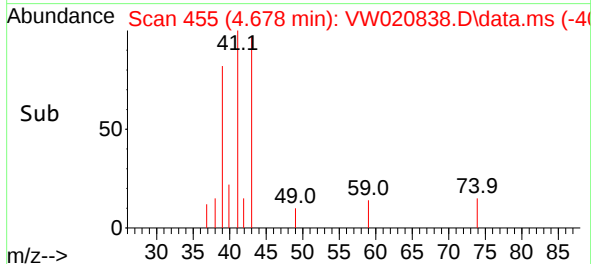
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 43 Resp: 1630
Ion Ratio Lower Upper
43 100
74 7.9 18.7 28.1

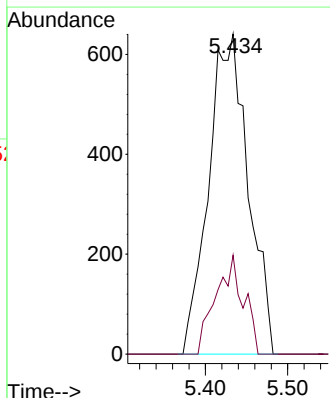
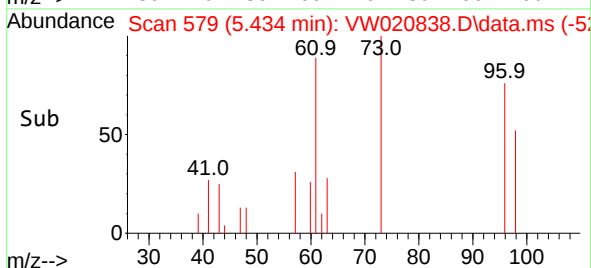
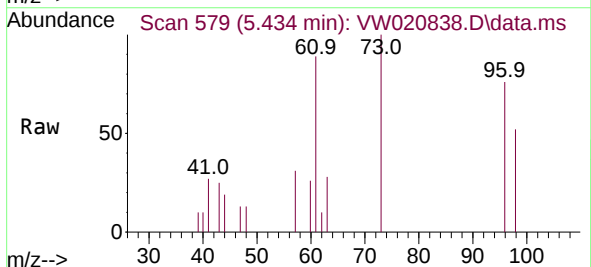
Manual Integrations
APPROVED

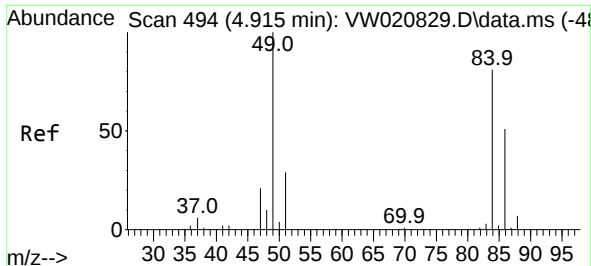
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#19
Methyl tert-butyl Ether
Concen: 2.603 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

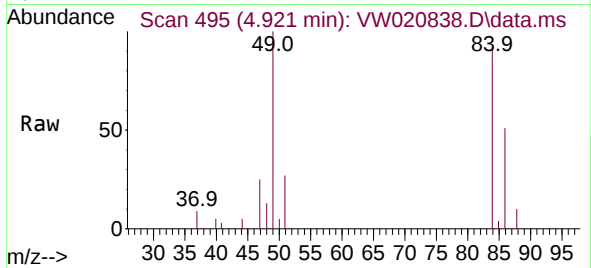
Tgt Ion: 73 Resp: 2140
Ion Ratio Lower Upper
73 100
57 30.9 18.2 27.4#





#20
Methylene Chloride
Concen: 5.926 ug/l
RT: 4.921 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

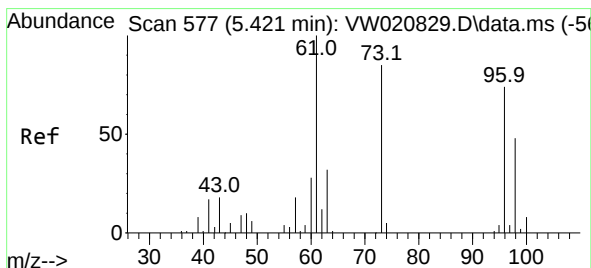
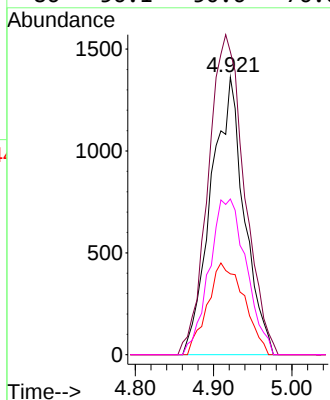
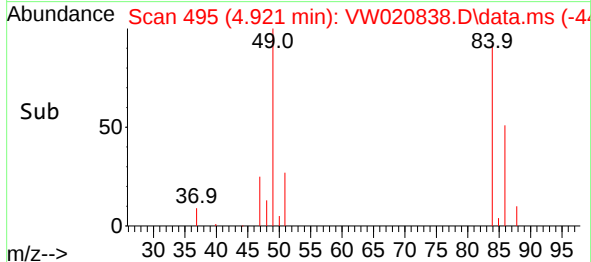
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



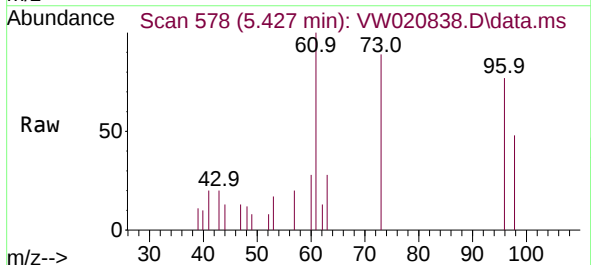
Tgt Ion: 84 Resp: 401
Ion Ratio Lower Upper
84 100
49 109.1 100.0 150.0
51 29.1 30.8 46.2
86 56.1 50.6 76.0

Manual Integrations
APPROVED

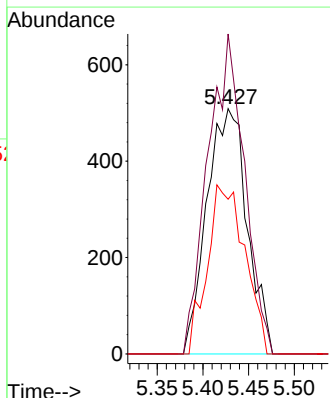
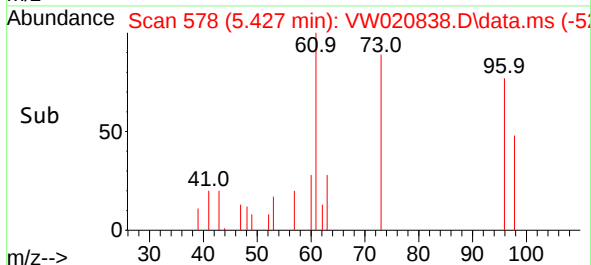
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

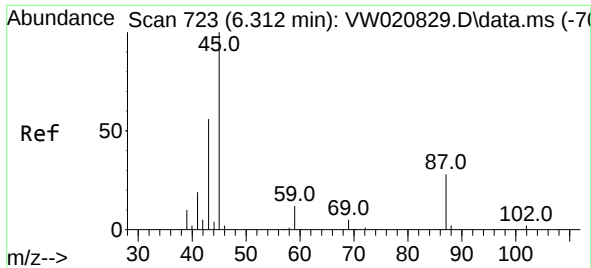


#21
trans-1,2-Dichloroethene
Concen: 2.502 ug/l
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



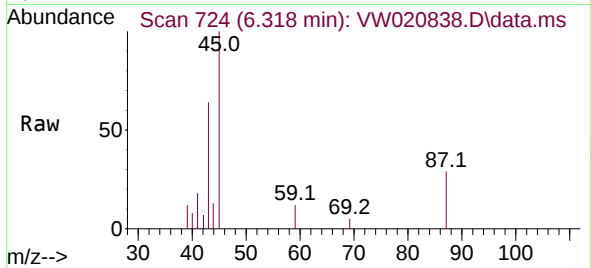
Tgt Ion: 96 Resp: 1566
Ion Ratio Lower Upper
96 100
61 130.5 113.5 170.3
98 63.1 48.6 72.8





#22
Diisopropyl ether
Concen: 2.329 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

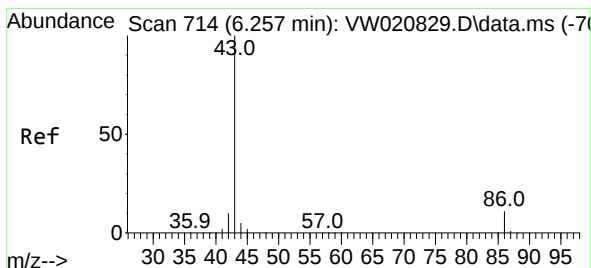
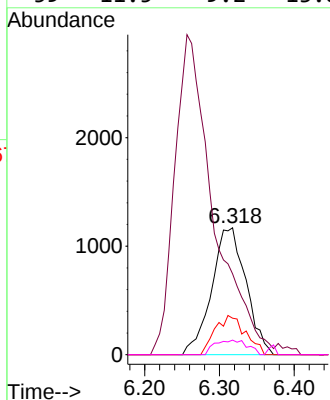
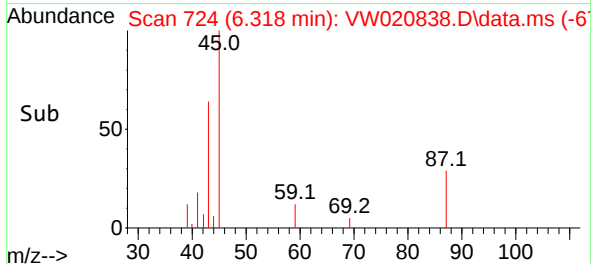
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 45 Resp: 3738
Ion Ratio Lower Upper
45 100
43 54.8 45.1 67.7
87 28.7 21.2 31.8
59 11.5 9.2 13.8

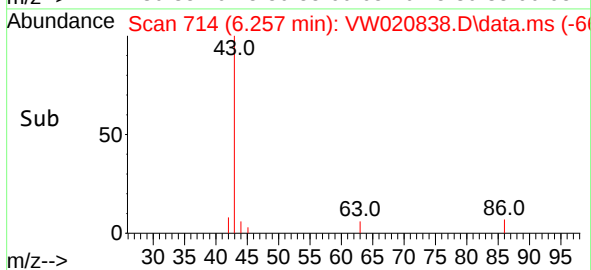
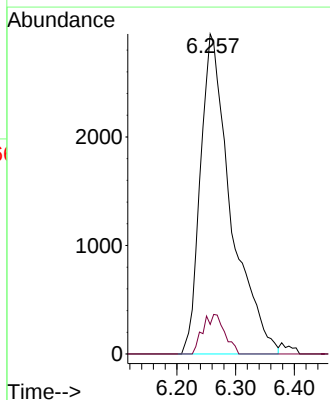
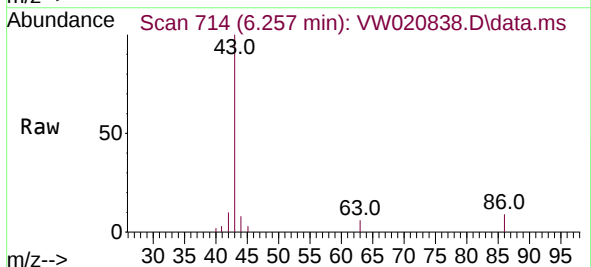
Manual Integrations
APPROVED

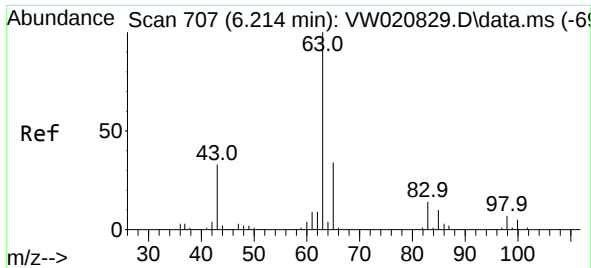
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#23
Vinyl Acetate
Concen: 10.683 ug/l
RT: 6.257 min Scan# 714
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Tgt Ion: 43 Resp: 10621
Ion Ratio Lower Upper
43 100
86 9.3 8.5 12.7





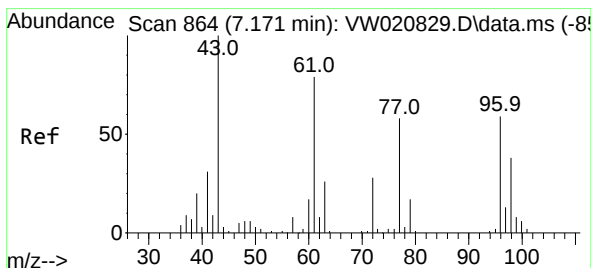
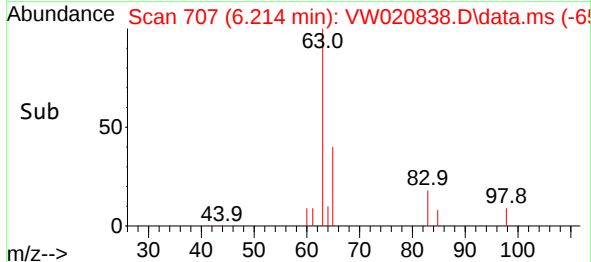
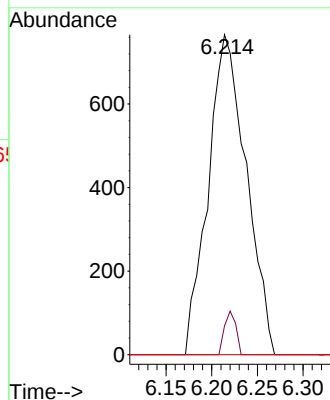
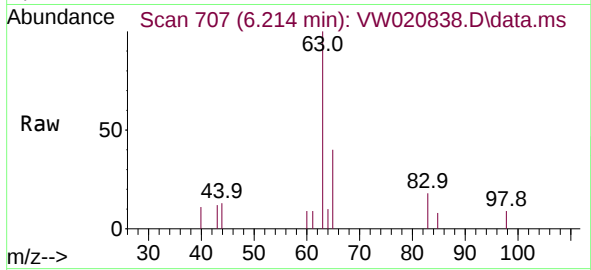
#24
1,1-Dichloroethane
Concen: 2.099 ug/l
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 63 Resp: 221
Ion Ratio Lower Upper
63 100
98 9.0 3.2 9.6
100 0.0 2.3 6.8

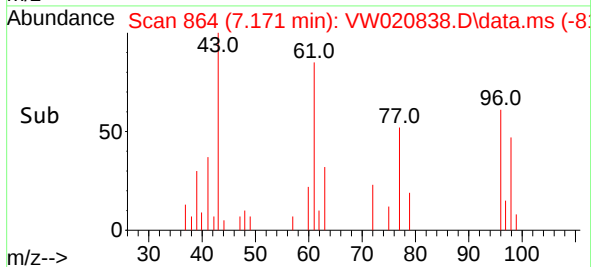
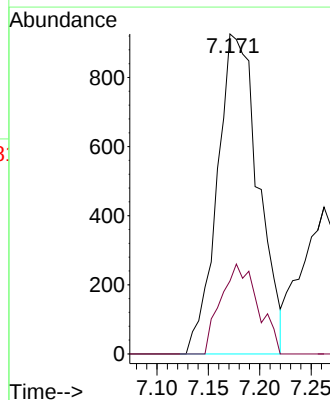
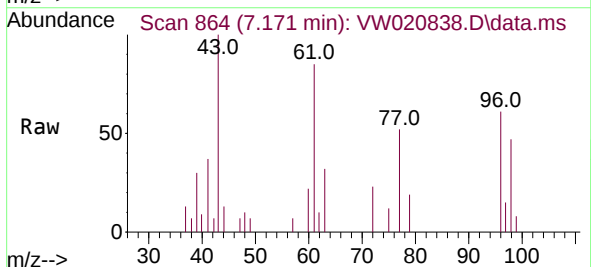
Manual Integrations
APPROVED

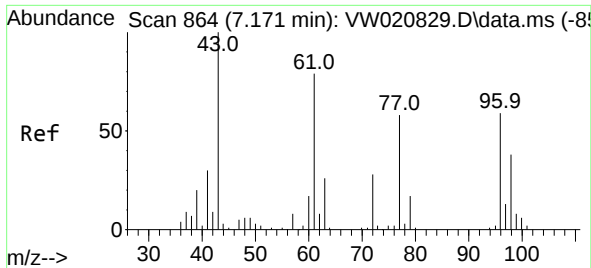
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#25
2-Butanone
Concen: 11.981 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

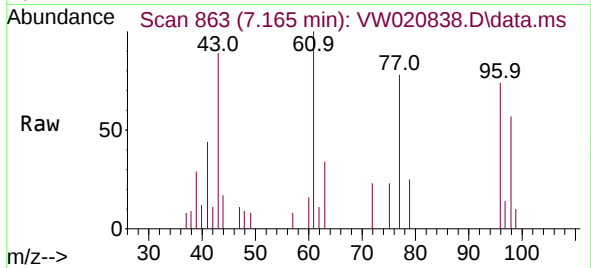
Tgt Ion: 43 Resp: 2569
Ion Ratio Lower Upper
43 100
72 22.8 21.4 32.0





#26
2,2-Dichloropropane
Concen: 2.413 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

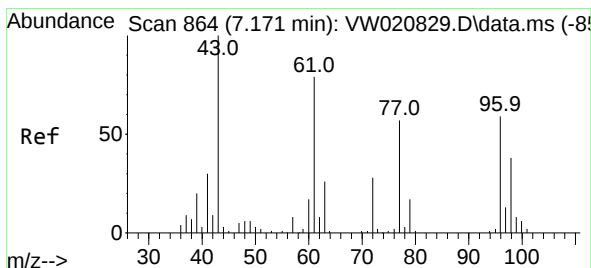
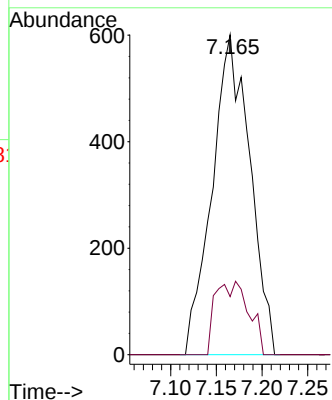
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 77 Resp: 1730
Ion Ratio Lower Upper
77 100
97 20.2 11.4 34.2

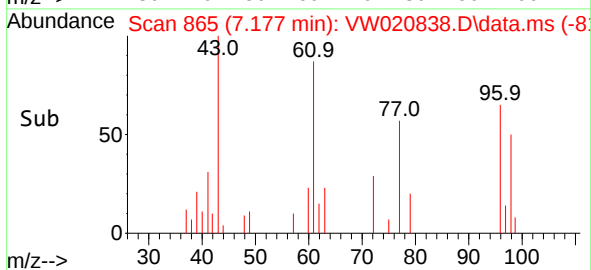
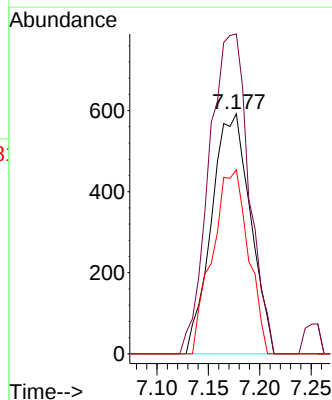
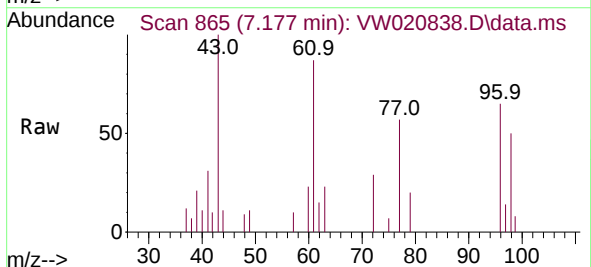
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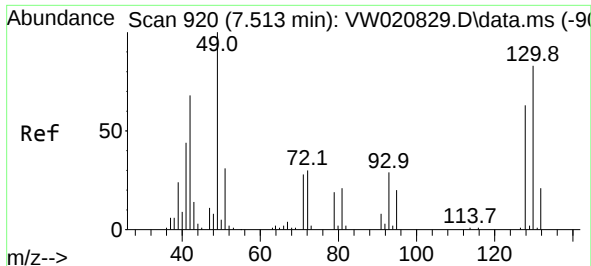
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#27
cis-1,2-Dichloroethene
Concen: 2.271 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

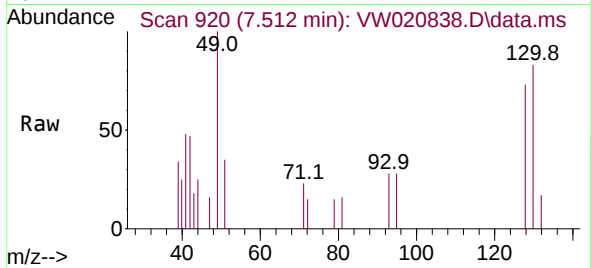
Tgt Ion: 96 Resp: 1562
Ion Ratio Lower Upper
96 100
61 136.3 0.0 298.0
98 70.5 0.0 129.4





#28
Bromochloromethane
Concen: 2.305 ug/l
RT: 7.512 min Scan# 911
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

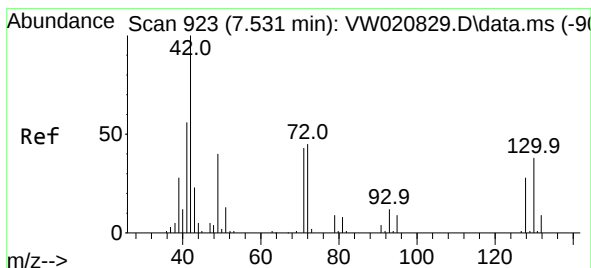
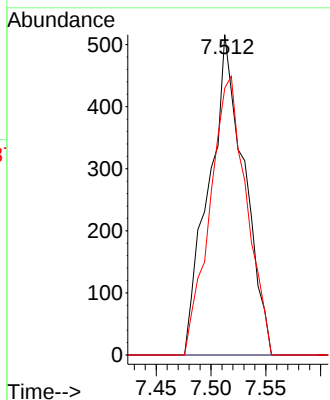
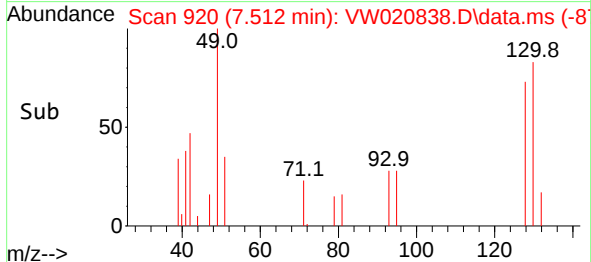
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



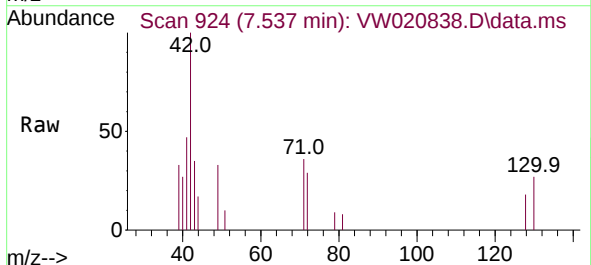
Tgt Ion: 49 Resp: 1154
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 89.8 63.0 94.6

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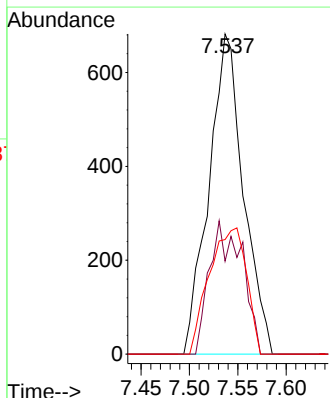
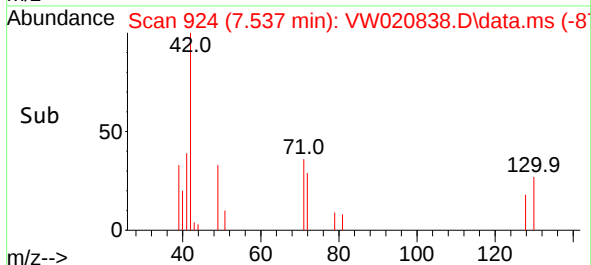
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

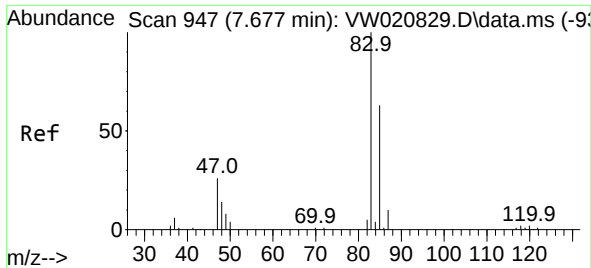


#29
Tetrahydrofuran
Concen: 12.651 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



Tgt Ion: 42 Resp: 1691
Ion Ratio Lower Upper
42 100
72 39.3 35.0 52.6
71 42.6 32.2 48.4





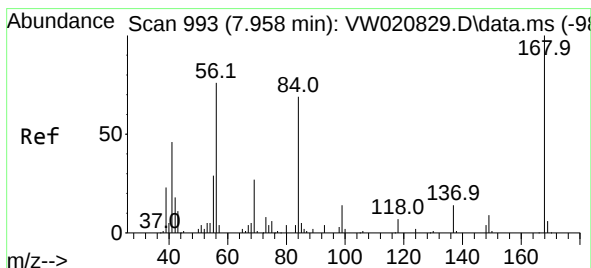
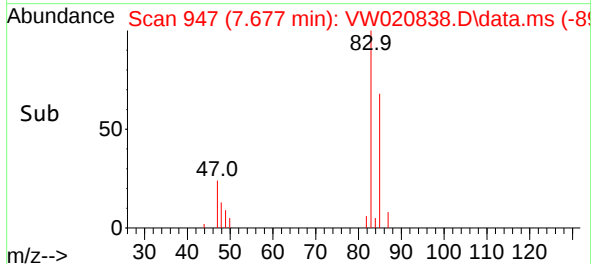
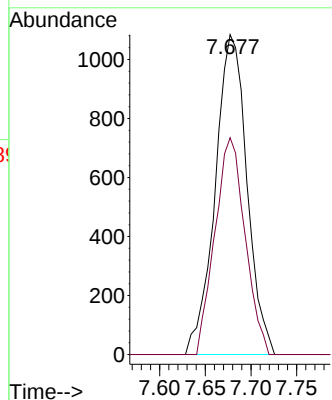
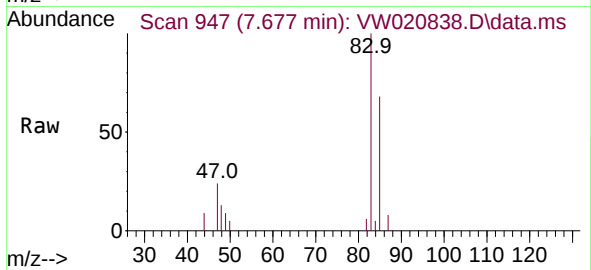
#30
Chloroform
Concen: 2.356 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 83 Resp: 262
Ion Ratio Lower Upper
83 100
85 67.8 52.9 79.3

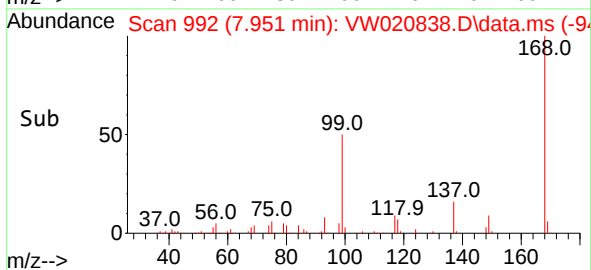
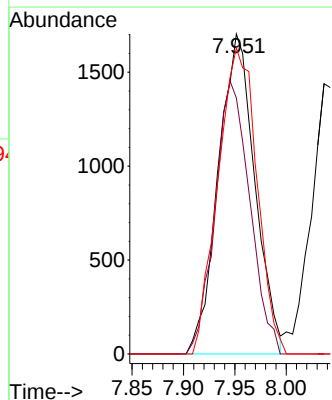
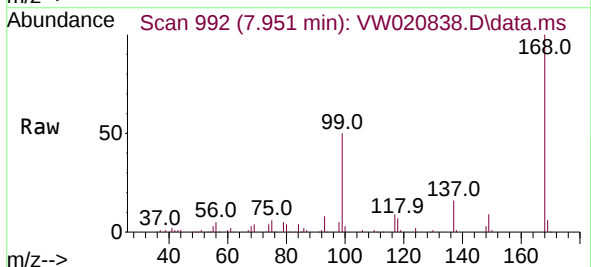
Manual Integrations
APPROVED

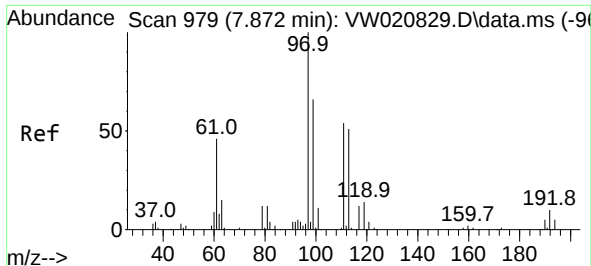
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#31
Cyclohexane
Concen: 3.668 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Tgt Ion: 56 Resp: 4223
Ion Ratio Lower Upper
56 100
69 80.0 27.2 40.8#
84 95.7 71.8 107.6





#32

1,1,1-Trichloroethane

Concen: 2.457 ug/l

RT: 7.872 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW020838.D

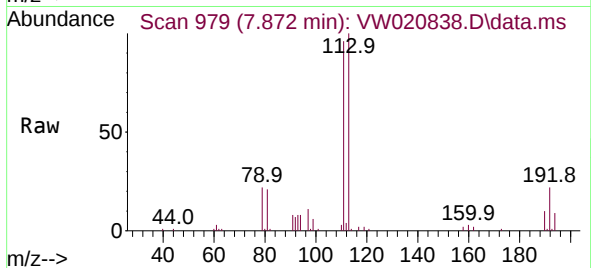
Acq: 10 Nov 2021 17:38

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

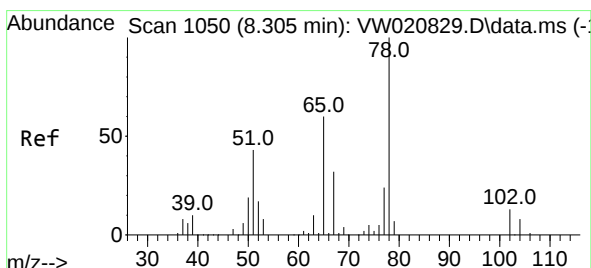
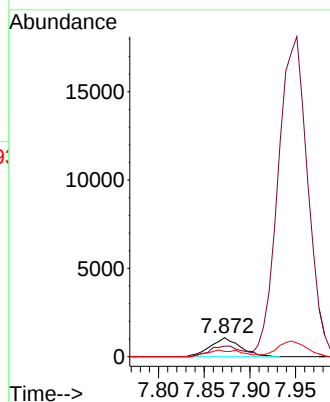
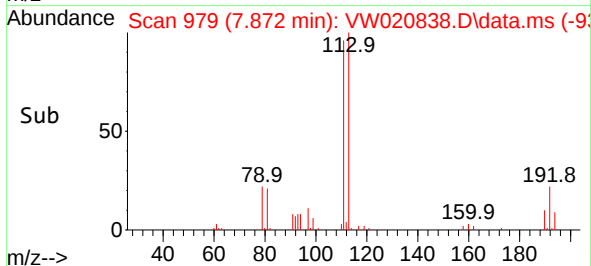


Tgt Ion:	97	Resp:	2430
Ion	Ratio	Lower	Upper
97	100		
99	61.1	50.6	75.8
61	42.7	36.6	55.0

Manual Integrations

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



#33

1,2-Dichloroethane-d4

Concen: 51.519 ug/l

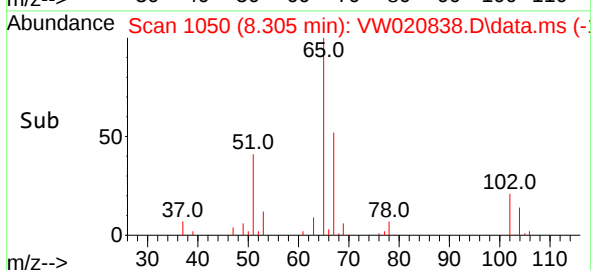
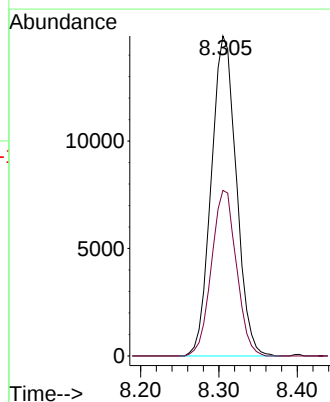
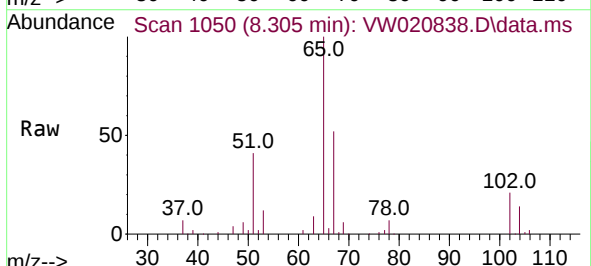
RT: 8.305 min Scan# 1050

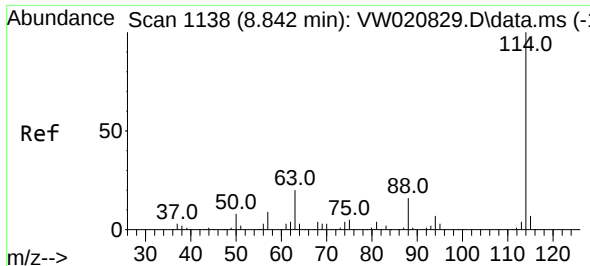
Delta R.T. -0.000 min

Lab File: VW020838.D

Acq: 10 Nov 2021 17:38

Tgt Ion:	65	Resp:	33066
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.841 min Scan# 1138

Delta R.T. -0.000 min

Lab File: VW020838.D

Acq: 10 Nov 2021 17:38

Instrument :

MSVOA_W

ClientSampleId :

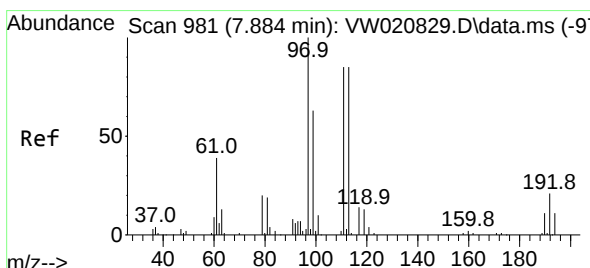
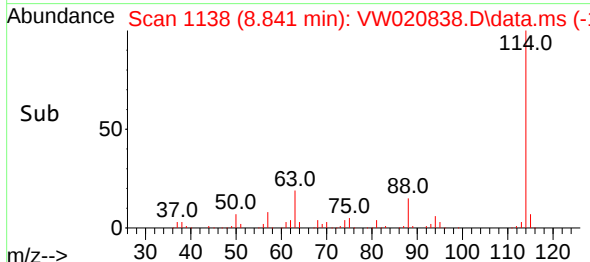
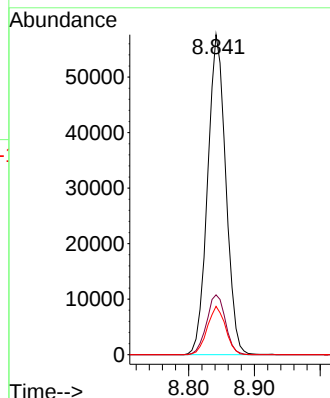
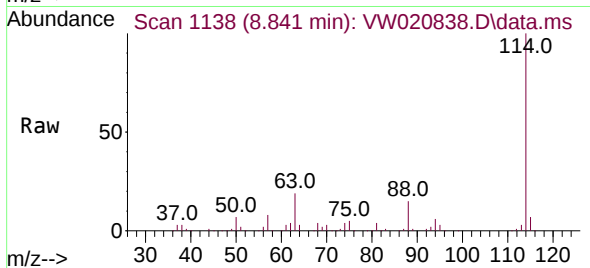
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:114	Resp:	11089
Ion Ratio	Lower	Upper
114	100	
63	18.7	0.0 42.8
88	15.1	0.0 33.0

Manual Integrations

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



#35

Dibromofluoromethane

Concen: 52.112 ug/l

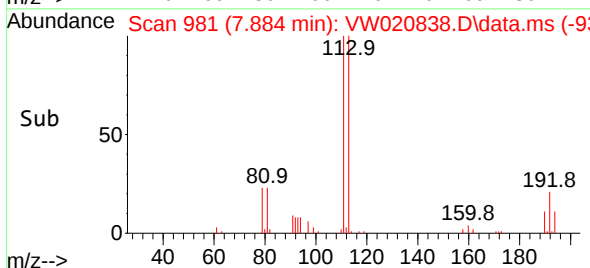
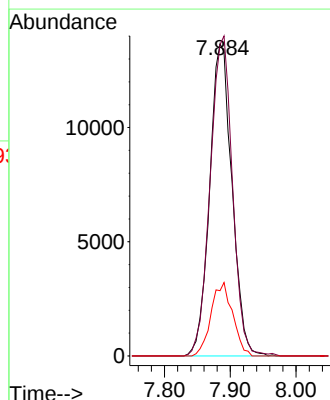
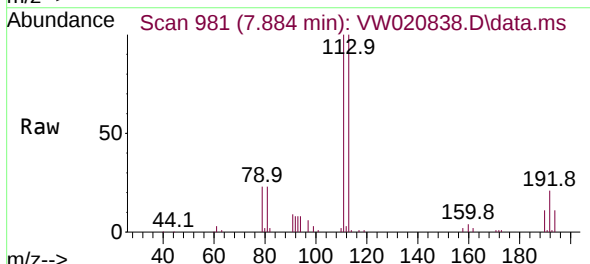
RT: 7.884 min Scan# 981

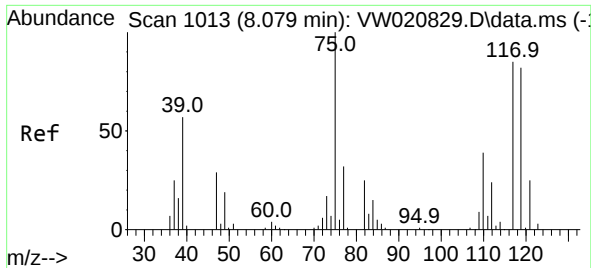
Delta R.T. -0.000 min

Lab File: VW020838.D

Acq: 10 Nov 2021 17:38

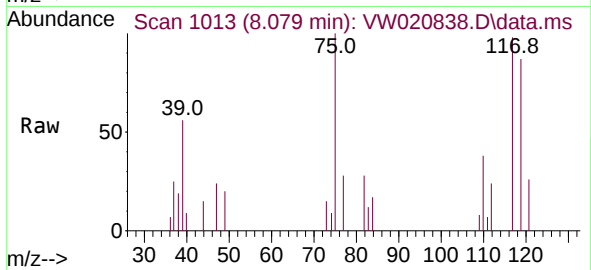
Tgt Ion:113	Resp:	32307
Ion Ratio	Lower	Upper
113	100	
111	102.2	82.1 123.1
192	22.8	17.8 26.8





#36
 1,1-Dichloropropene
 Concen: 2.424 ug/l
 RT: 8.079 min Scan# 1013
 Delta R.T. -0.000 min
 Lab File: VW020838.D
 Acq: 10 Nov 2021 17:38

Instrument : MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

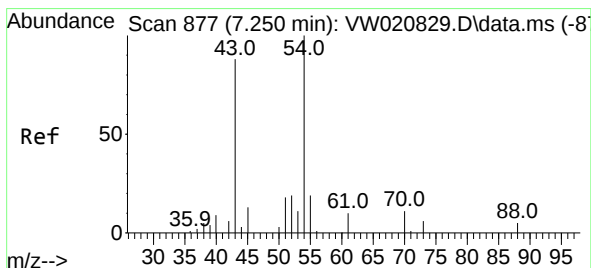
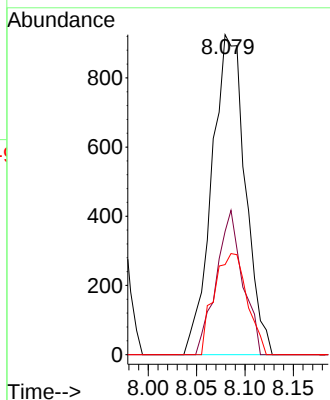
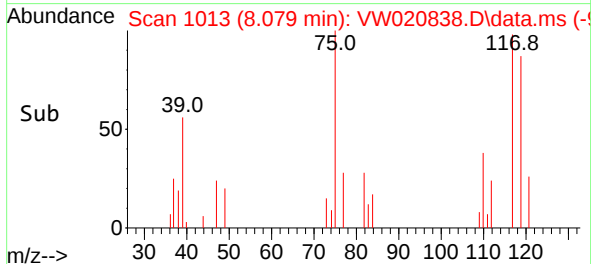


Tgt Ion: 75 Resp: 222

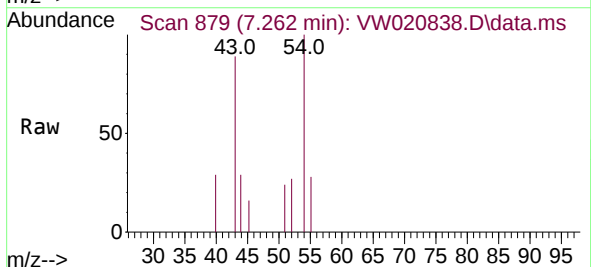
Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.1	51.3
77	31.1	24.9	37.3

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

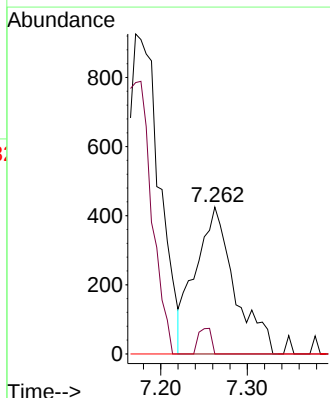
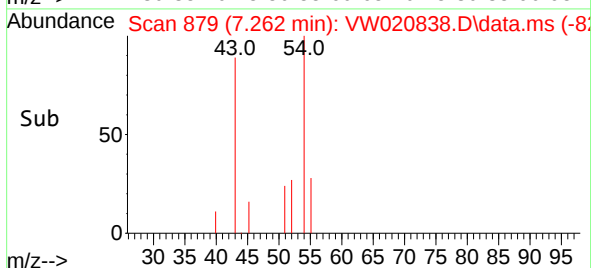


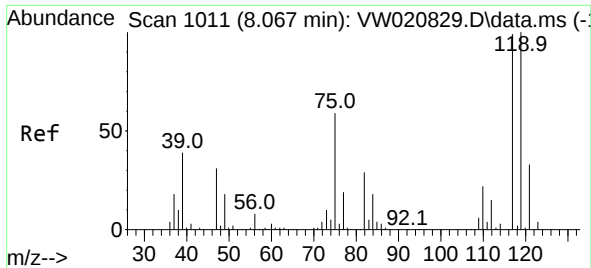
#37
 Ethyl Acetate
 Concen: 3.030 ug/l
 RT: 7.262 min Scan# 879
 Delta R.T. 0.012 min
 Lab File: VW020838.D
 Acq: 10 Nov 2021 17:38



Tgt Ion: 43 Resp: 1341

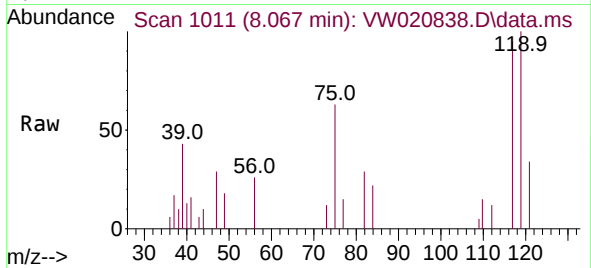
Ion	Ratio	Lower	Upper
43	100		
61	5.7	10.3	15.5#
70	0.0	8.8	13.2#





#38
Carbon Tetrachloride
Concen: 2.464 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

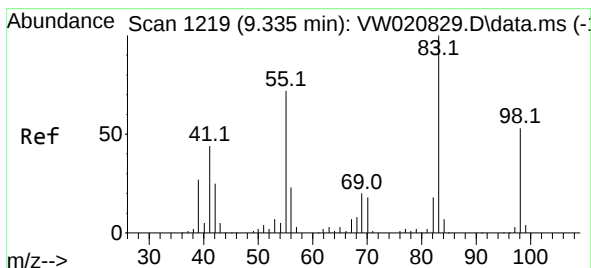
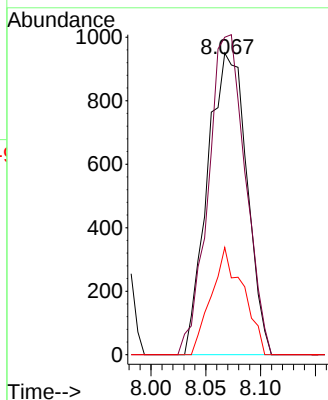
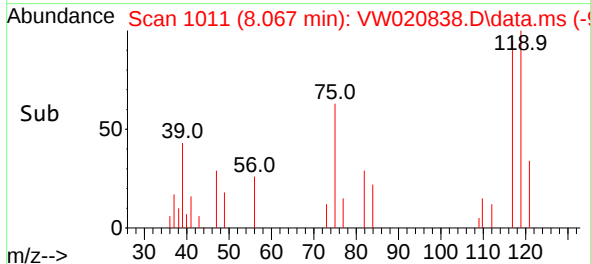
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



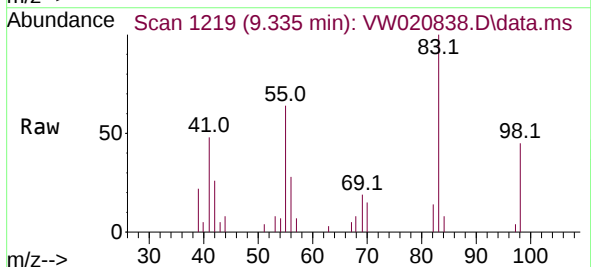
Tgt Ion: 117 Resp: 2360
Ion Ratio Lower Upper
117 100
119 105.3 72.9 109.3
121 35.6 23.4 35.0

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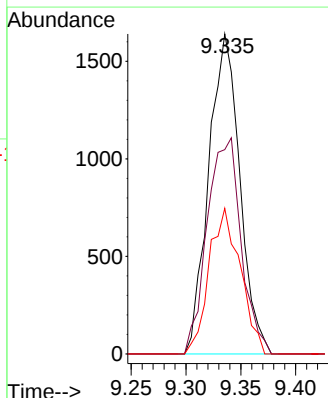
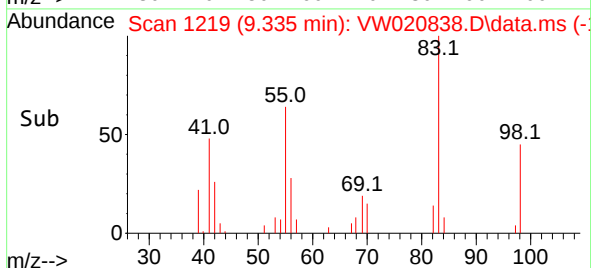
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

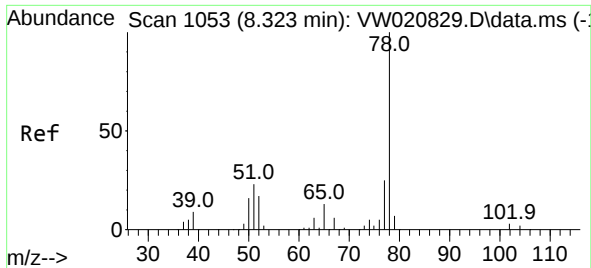


#39
Methylcyclohexane
Concen: 2.690 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



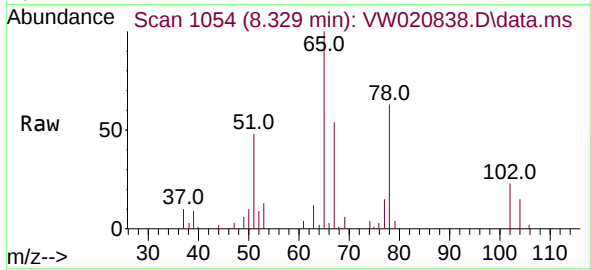
Tgt Ion: 83 Resp: 3234
Ion Ratio Lower Upper
83 100
55 63.8 62.6 94.0
98 45.5 38.8 58.2





#40
Benzene
Concen: 2.991 ug/l
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

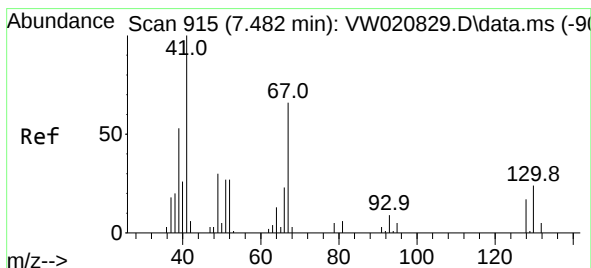
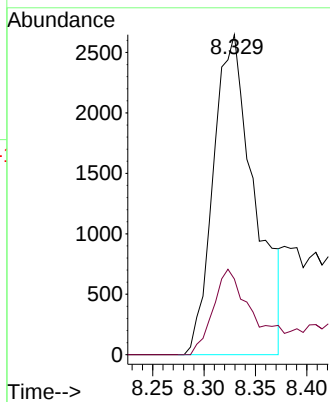
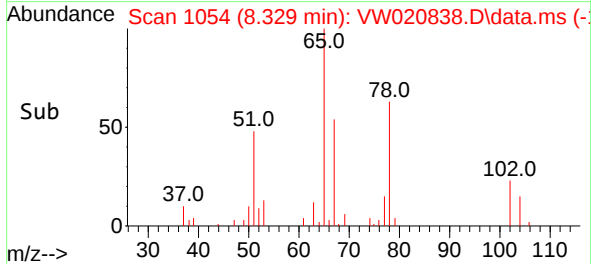
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 78 Resp: 7338
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6

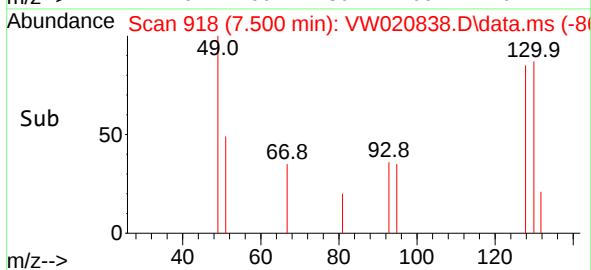
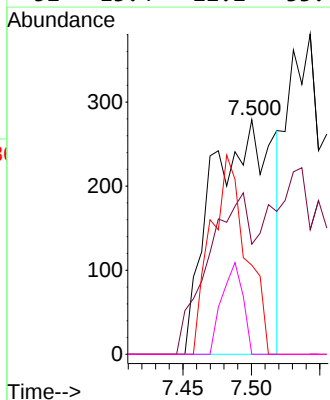
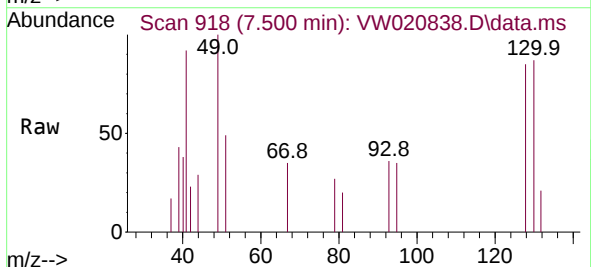
Manual Integrations
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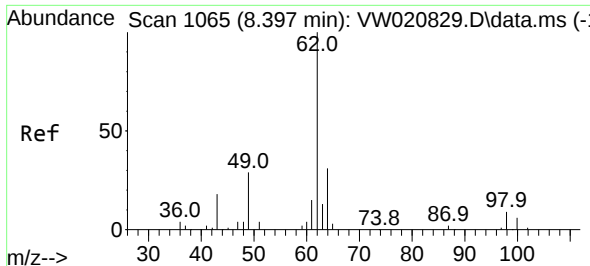
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#41
Methacrylonitrile
Concen: 3.387 ug/l m
RT: 7.500 min Scan# 918
Delta R.T. 0.018 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Tgt Ion: 41 Resp: 865
Ion Ratio Lower Upper
41 100
39 48.3 44.3 66.5
67 49.1 50.9 76.3#
52 13.4 22.2 33.4#





#42

1,2-Dichloroethane

Concen: 2.462 ug/l

RT: 8.403 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VW020838.D

Acq: 10 Nov 2021 17:38

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 62 Resp: 1778

Ion Ratio Lower Upper

62 100

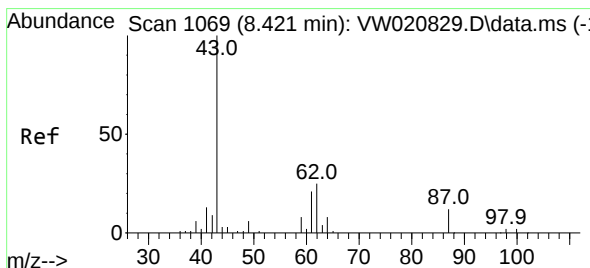
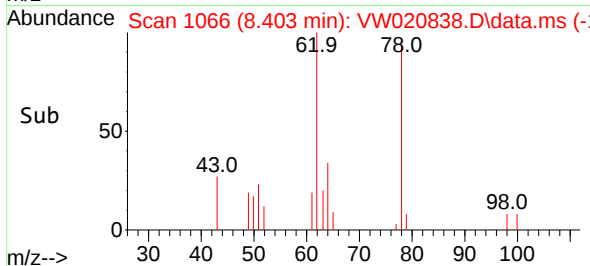
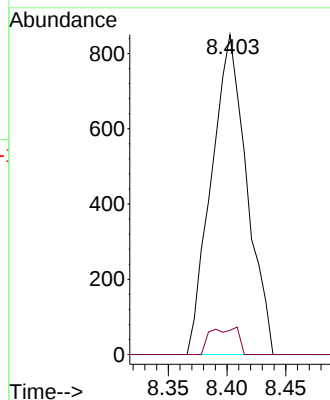
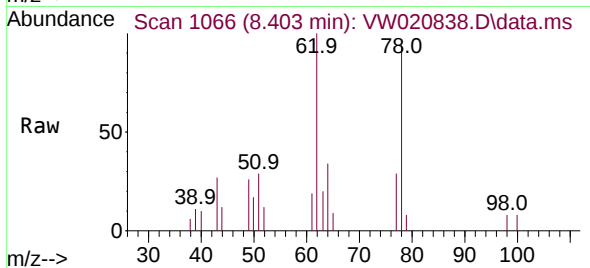
98 6.6 0.0 17.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#43

Isopropyl Acetate

Concen: 2.372 ug/l

RT: 8.427 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VW020838.D

Acq: 10 Nov 2021 17:38

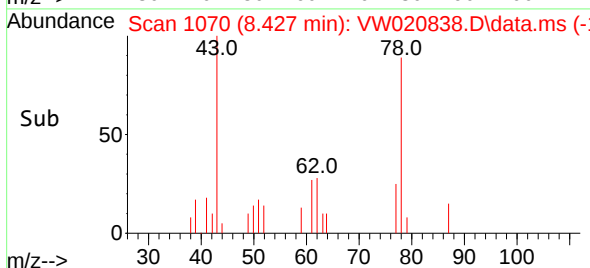
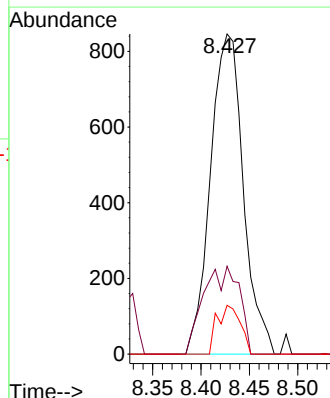
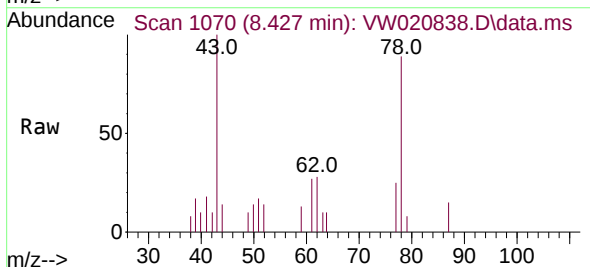
Tgt Ion: 43 Resp: 1996

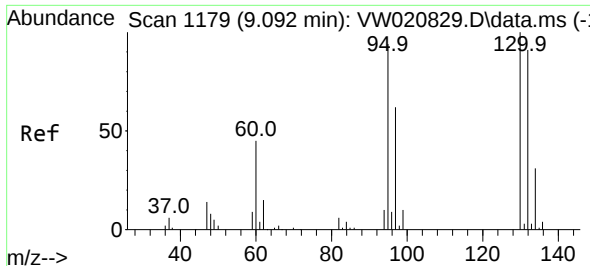
Ion Ratio Lower Upper

43 100

61 16.8 23.3 34.9#

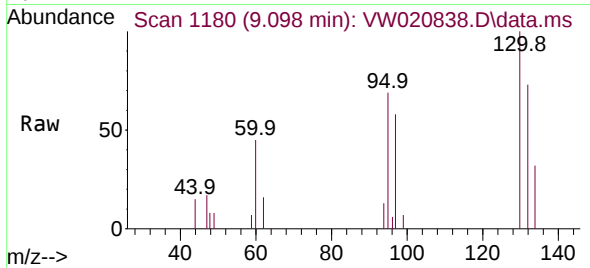
87 10.7 10.4 15.6





#44
Trichloroethene
Concen: 2.393 ug/l
RT: 9.098 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

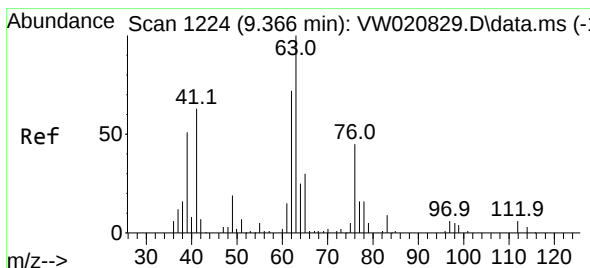
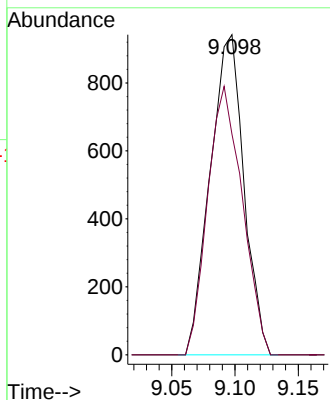
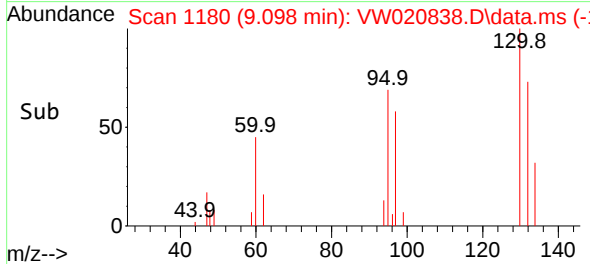
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



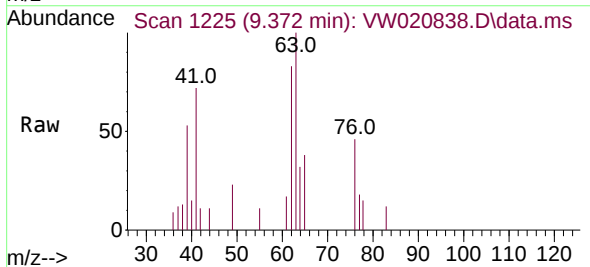
Tgt Ion:130 Resp: 174
Ion Ratio Lower Upper
130 100
95 68.9 0.0 189.2

Manual Integrations
APPROVED

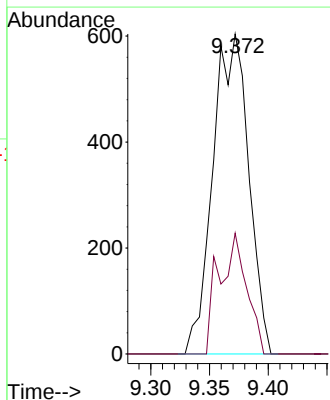
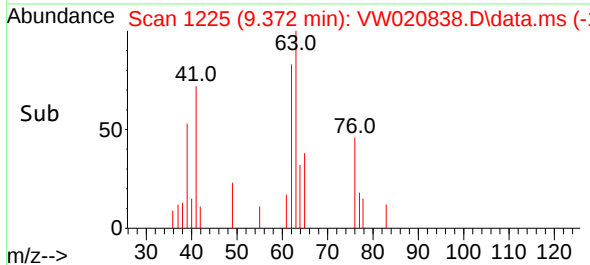
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

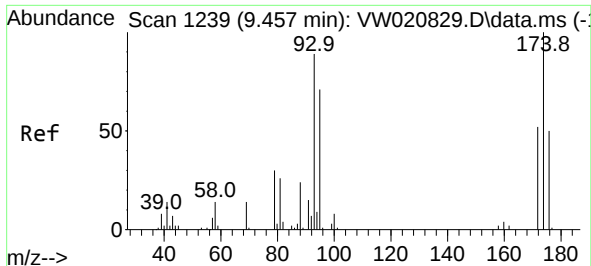


#45
1,2-Dichloropropane
Concen: 2.293 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



Tgt Ion: 63 Resp: 1278
Ion Ratio Lower Upper
63 100
65 37.7 23.7 35.5#





#46

Dibromomethane

Concen: 2.347 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW020838.D

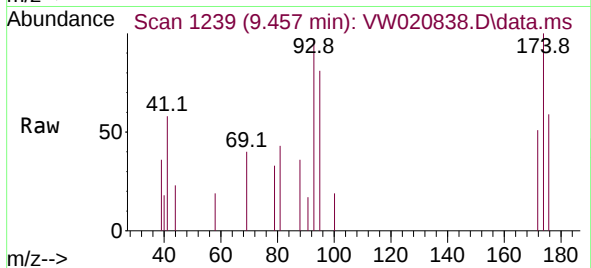
Acq: 10 Nov 2021 17:38

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

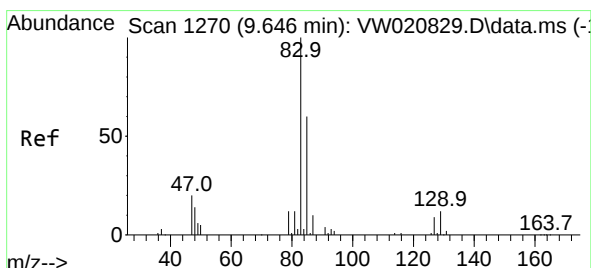
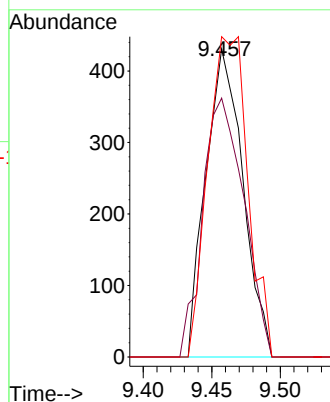


Tgt Ion:	93	Resp:	809
Ion	Ratio	Lower	Upper
93	100		
95	93.6	67.0	100.4
174	112.5	88.9	133.3

Manual Integrations

APPROVED

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



#47

Bromodichloromethane

Concen: 2.254 ug/l

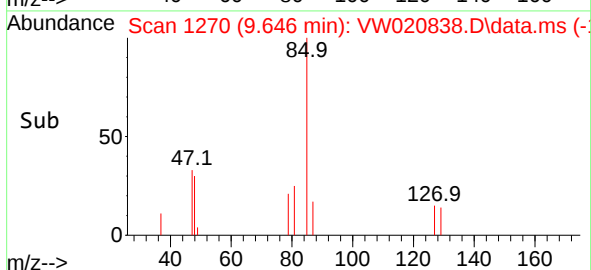
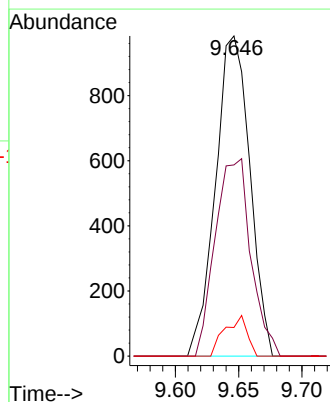
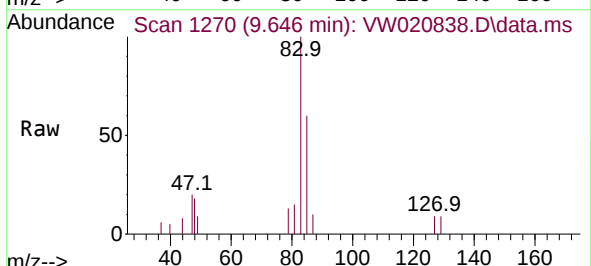
RT: 9.646 min Scan# 1270

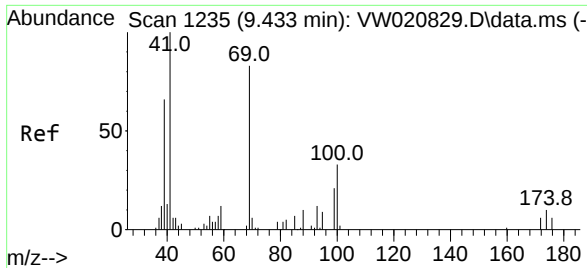
Delta R.T. -0.000 min

Lab File: VW020838.D

Acq: 10 Nov 2021 17:38

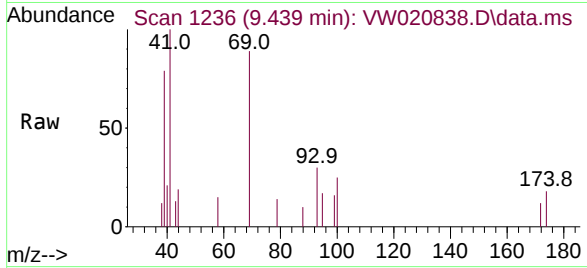
Tgt Ion:	83	Resp:	1856
Ion	Ratio	Lower	Upper
83	100		
85	59.7	51.0	76.6
127	9.0	7.0	10.4





#48
Methyl methacrylate
Concen: 2.353 ug/l
RT: 9.439 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

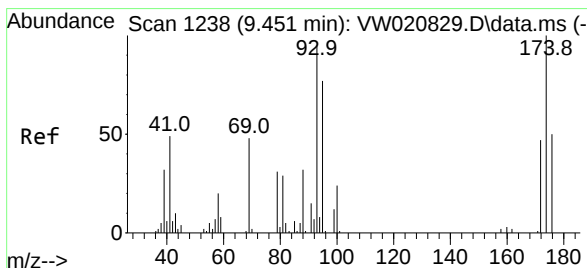
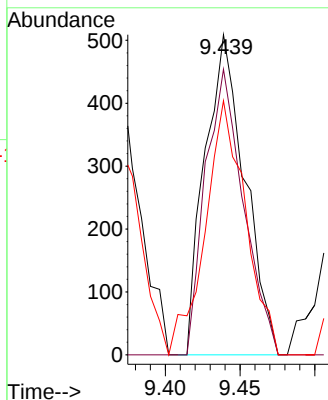
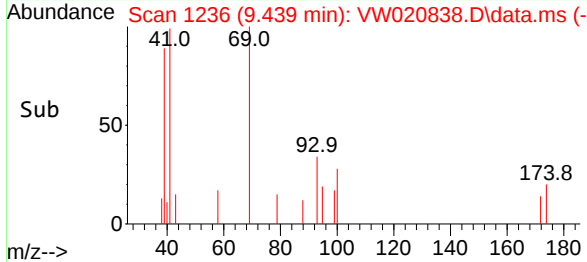
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



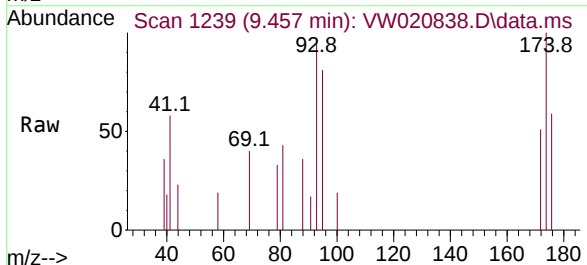
Tgt Ion: 41 Resp: 94.9
Ion Ratio Lower Upper
41 100
69 85.0 67.2 100.8
39 79.9 47.0 70.6

Manual Integrations
APPROVED

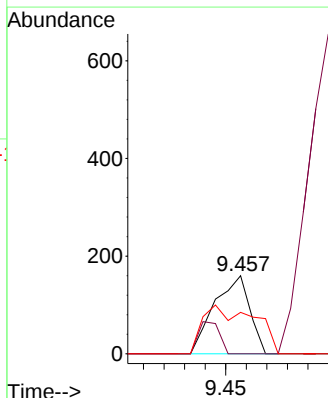
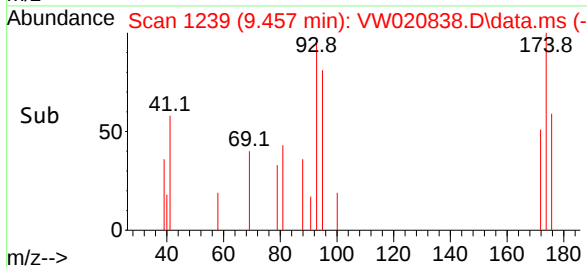
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

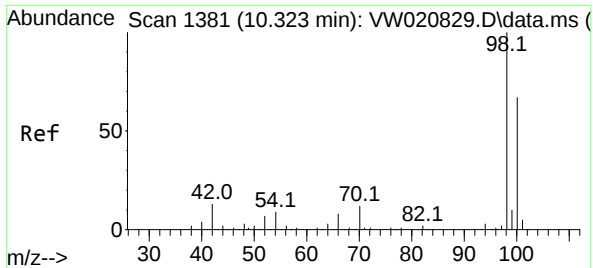


#49
1,4-Dioxane
Concen: 36.617 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



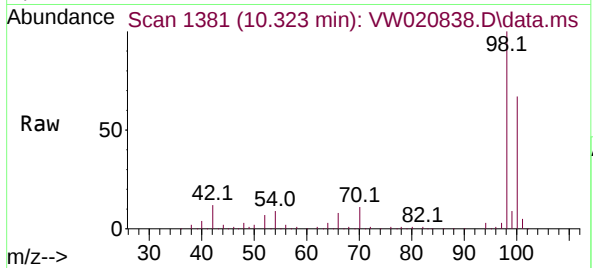
Tgt Ion: 88 Resp: 191
Ion Ratio Lower Upper
88 100
43 24.6 28.8 43.2#
58 91.1 59.6 89.4#





#50
Toluene-d8
Concen: 52.420 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

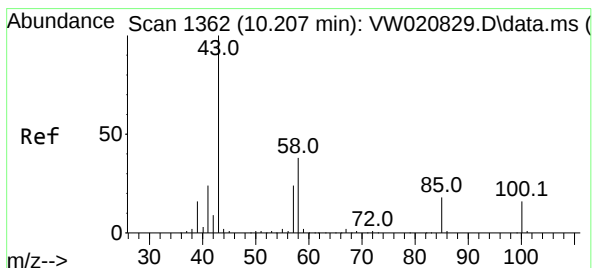
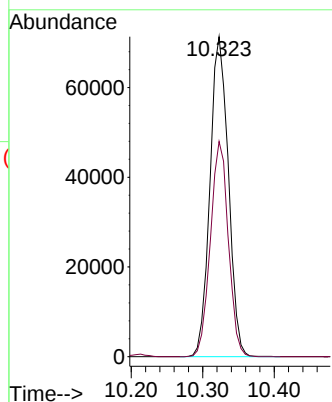
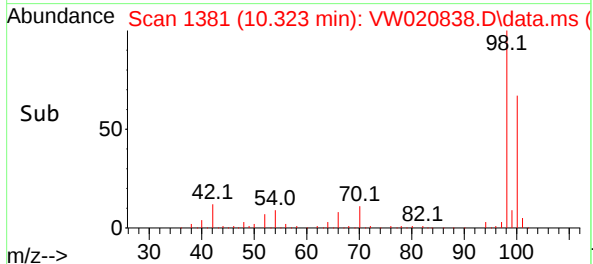
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



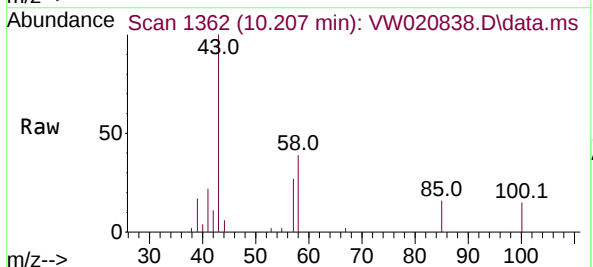
Tgt Ion: 98 Resp: 127149
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8

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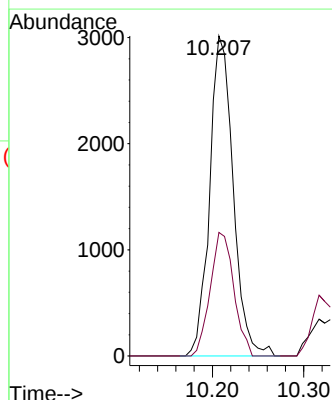
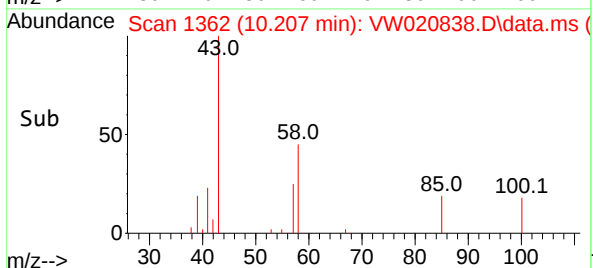
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

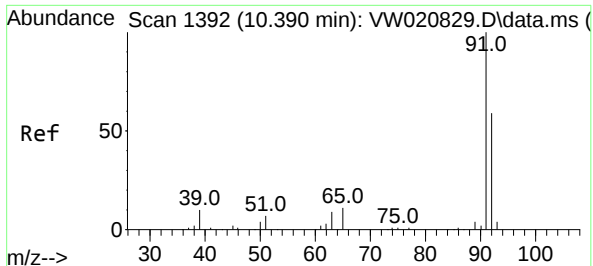


#51
4-Methyl-2-Pentanone
Concen: 12.068 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



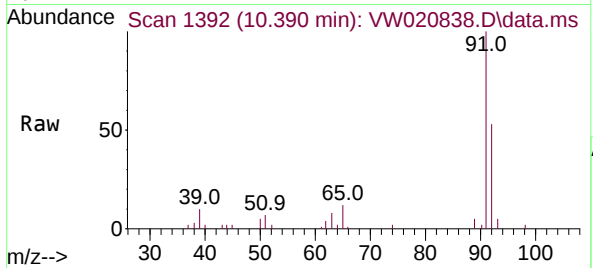
Tgt Ion: 43 Resp: 5392
Ion Ratio Lower Upper
43 100
58 38.6 30.6 46.0





#52
Toluene
Concen: 2.298 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

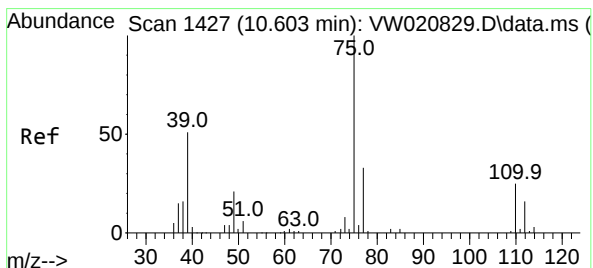
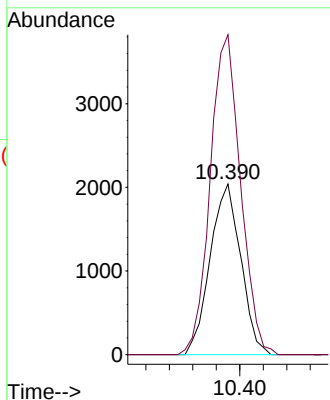
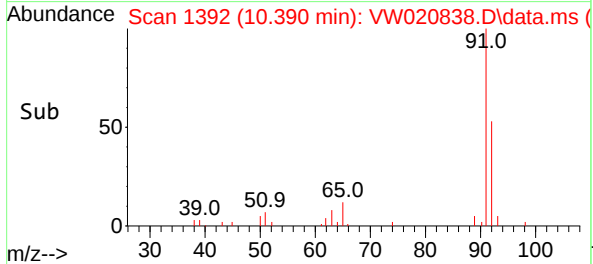
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



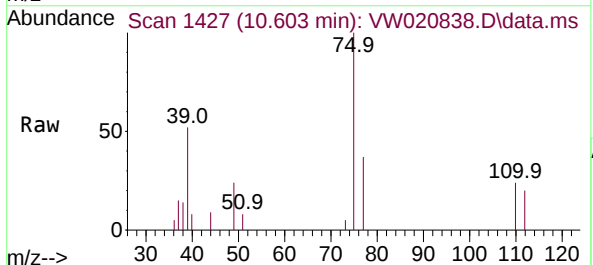
Tgt Ion: 92 Resp: 369
Ion Ratio Lower Upper
92 100
91 185.6 136.6 204.8

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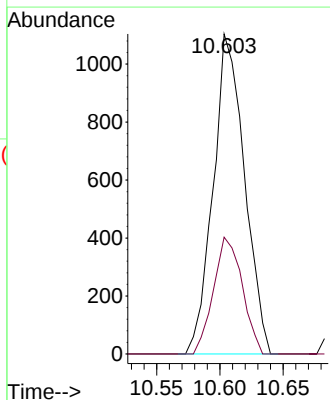
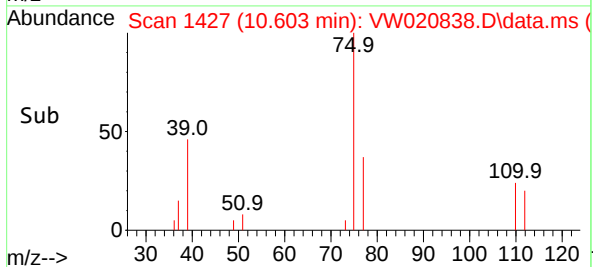
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

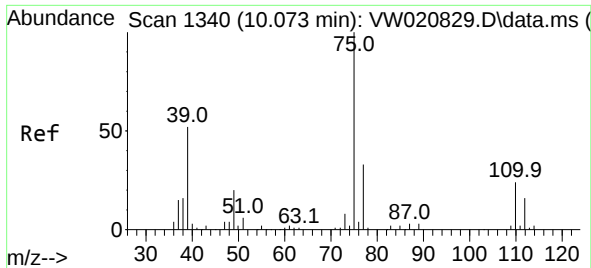


#53
t-1,3-Dichloropropene
Concen: 2.241 ug/l
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



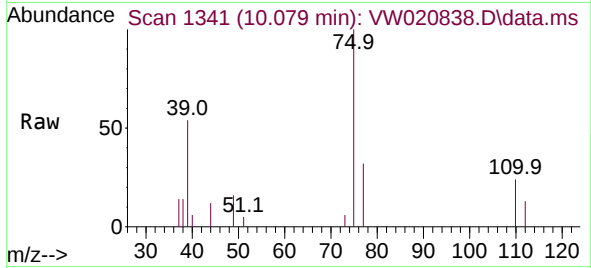
Tgt Ion: 75 Resp: 1899
Ion Ratio Lower Upper
75 100
77 36.5 24.6 37.0





#54
 cis-1,3-Dichloropropene
 Concen: 2.168 ug/l
 RT: 10.079 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW020838.D
 Acq: 10 Nov 2021 17:38

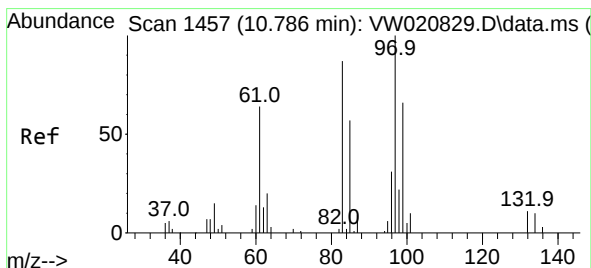
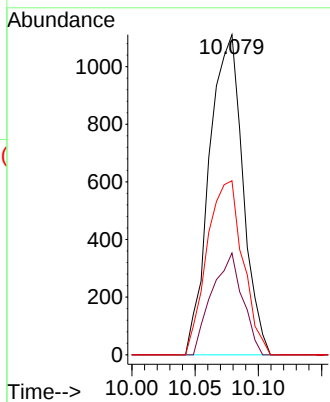
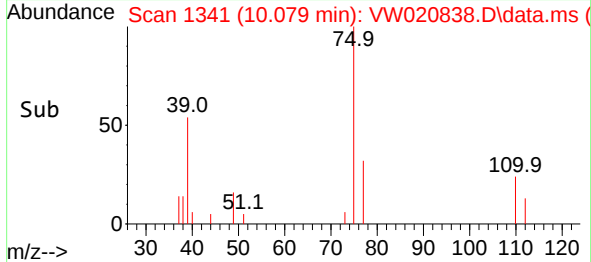
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 75 Resp: 2044
 Ion Ratio Lower Upper
 75 100
 77 31.8 23.8 35.8
 39 54.4 43.1 64.7

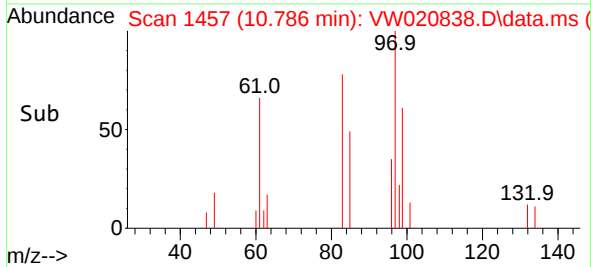
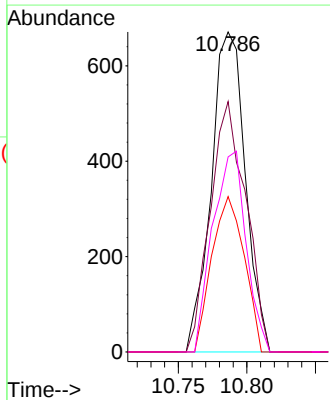
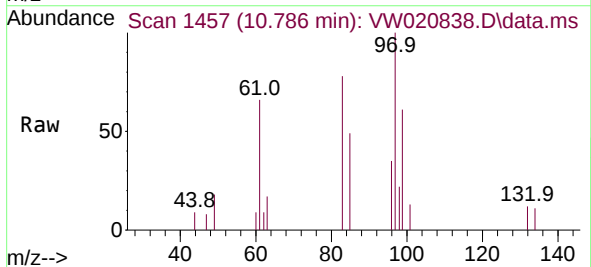
Manual Integrations
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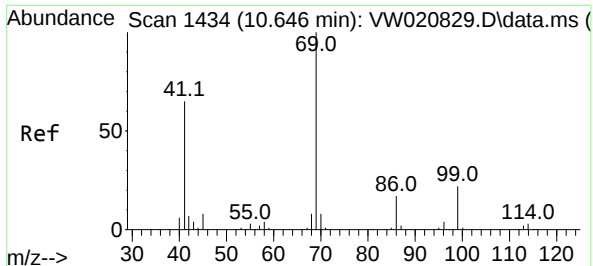
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#55
 1,1,2-Trichloroethane
 Concen: 2.542 ug/l
 RT: 10.786 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VW020838.D
 Acq: 10 Nov 2021 17:38

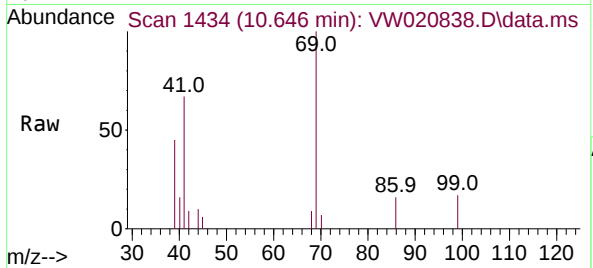
Tgt Ion: 97 Resp: 1163
 Ion Ratio Lower Upper
 97 100
 83 78.2 69.0 103.4
 85 48.6 44.3 66.5
 99 61.0 51.8 77.6





#56
Ethyl methacrylate
Concen: 2.336 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

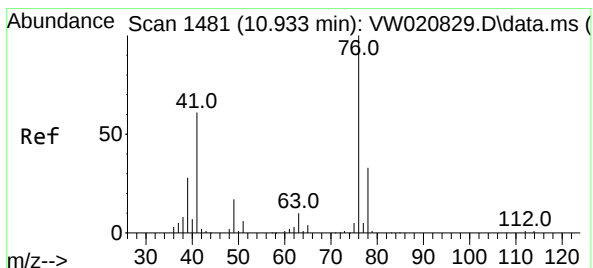
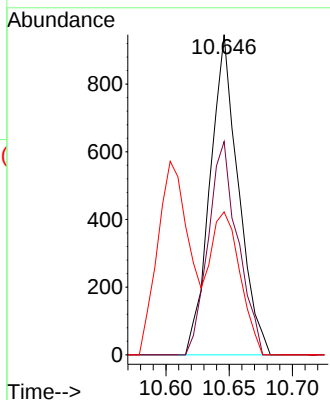
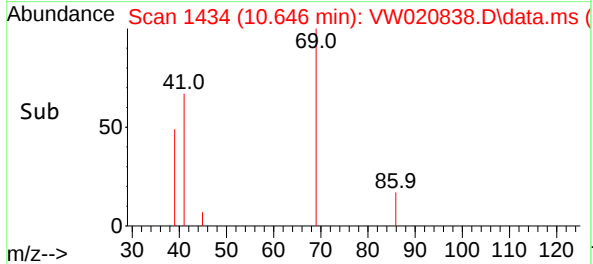
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 69 Resp: 1475
Ion Ratio Lower Upper
69 100
41 69.4 56.6 85.0
39 46.9 29.6 44.4

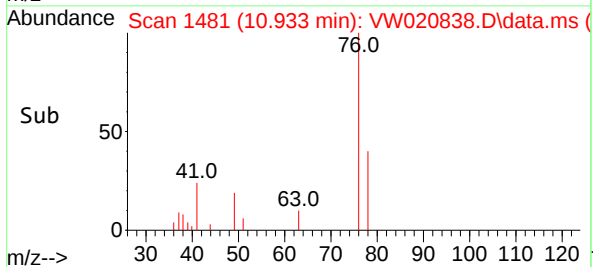
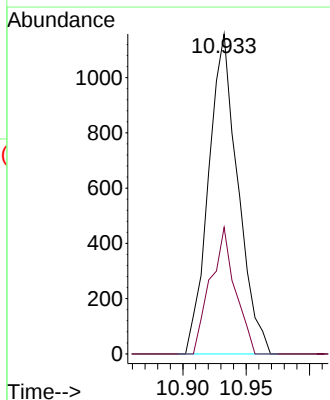
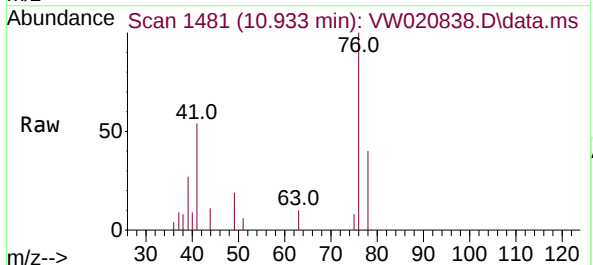
Manual Integrations
APPROVED

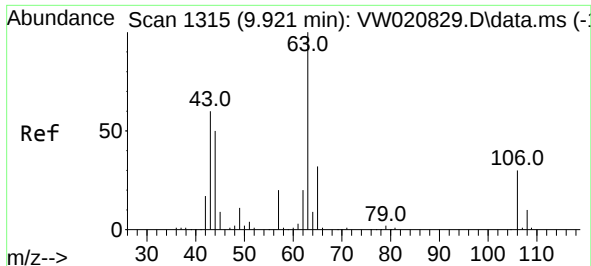
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#57
1,3-Dichloropropane
Concen: 2.419 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Tgt Ion: 76 Resp: 1870
Ion Ratio Lower Upper
76 100
78 33.2 26.0 39.0





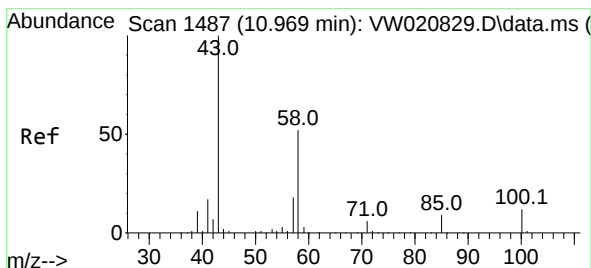
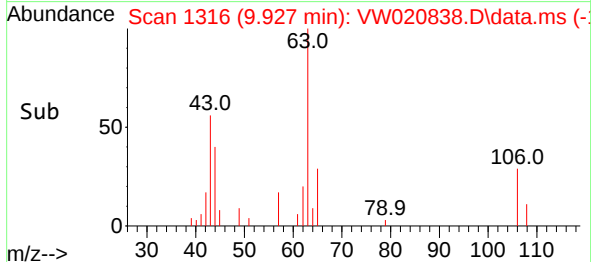
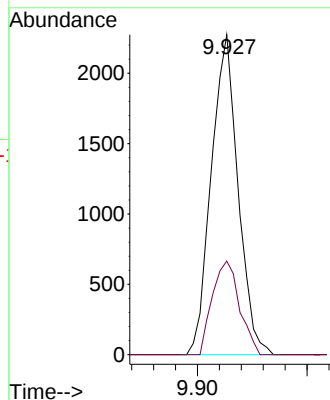
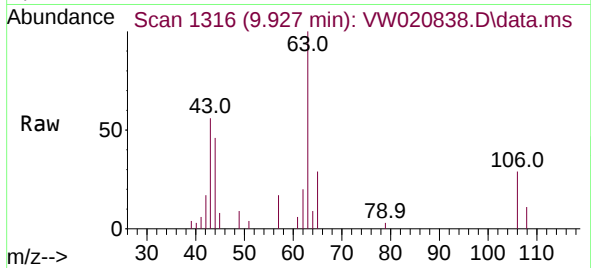
#58
2-Chloroethyl Vinyl ether
Concen: 10.869 ug/l
RT: 9.927 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 63 Resp: 385
Ion Ratio Lower Upper
63 100
106 29.7 23.0 34.6

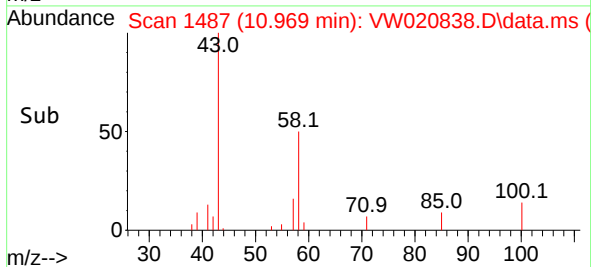
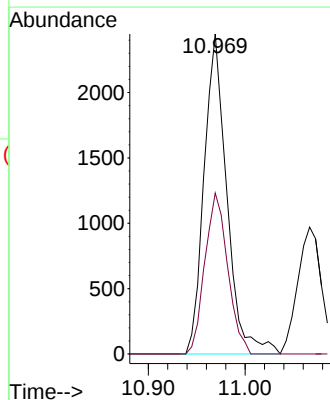
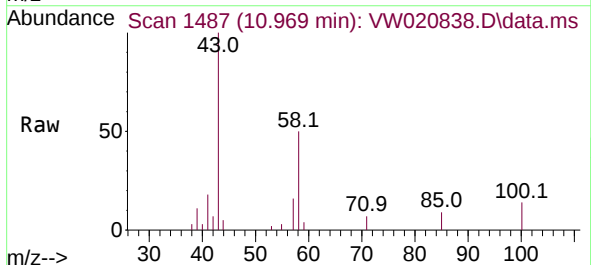
Manual Integrations
APPROVED

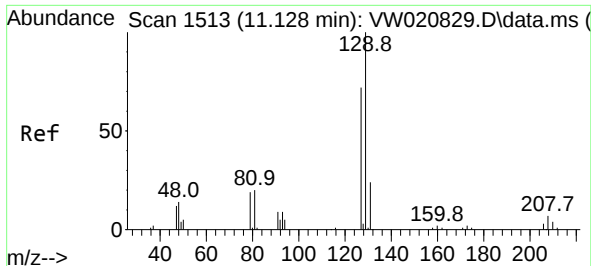
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#59
2-Hexanone
Concen: 12.234 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

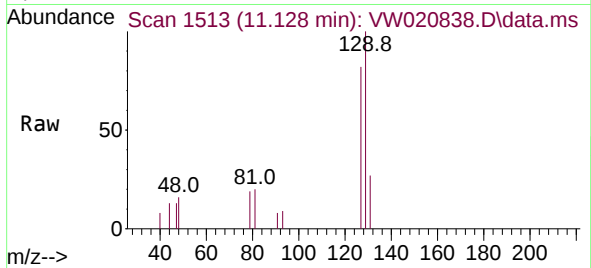
Tgt Ion: 43 Resp: 4012
Ion Ratio Lower Upper
43 100
58 50.4 26.4 79.2





#60
Dibromochloromethane
Concen: 2.264 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

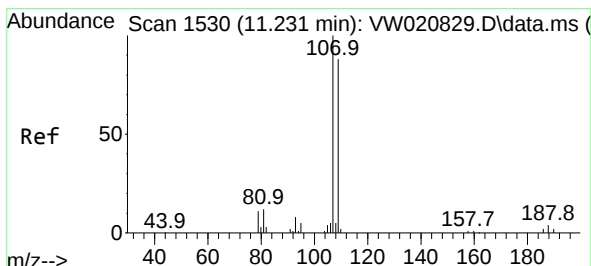
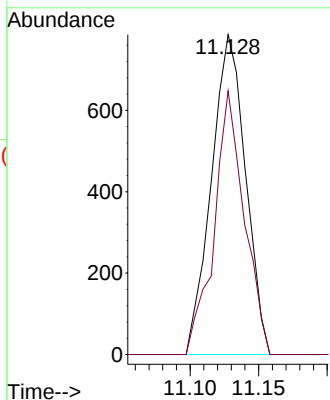
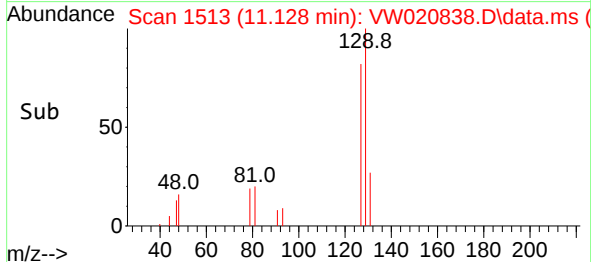
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



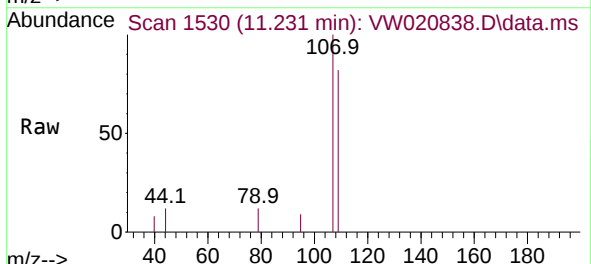
Tgt Ion:129 Resp: 136
Ion Ratio Lower Upper
129 100
127 72.6 38.9 116.6

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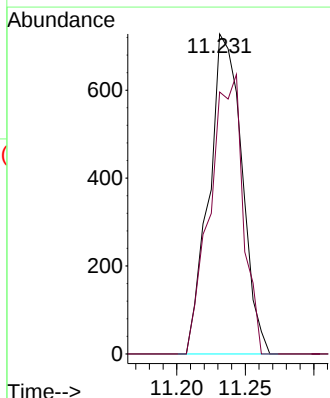
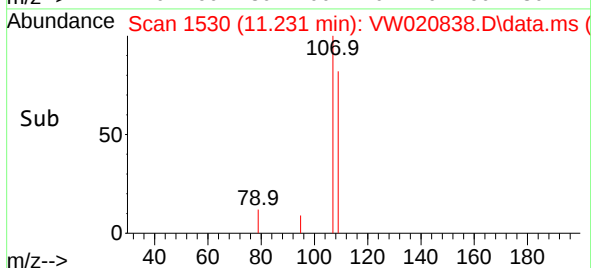
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

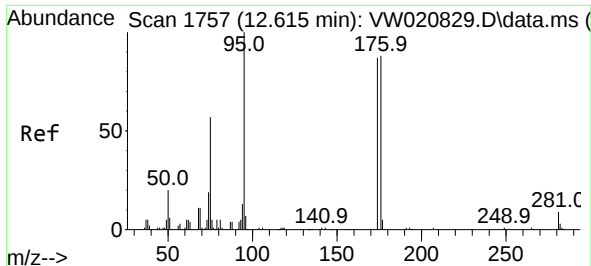


#61
1,2-Dibromoethane
Concen: 2.570 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



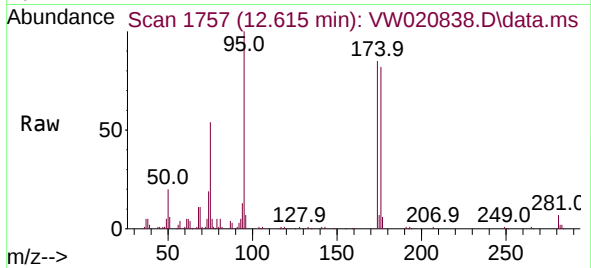
Tgt Ion:107 Resp: 1215
Ion Ratio Lower Upper
107 100
109 87.5 75.4 113.2





#62
4-Bromofluorobenzene
Concen: 51.224 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

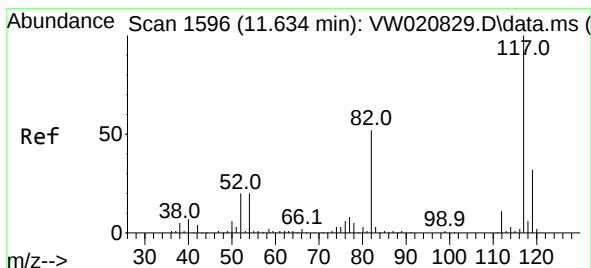
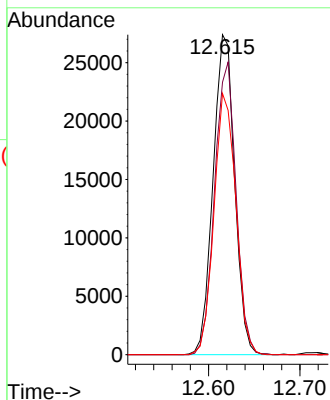
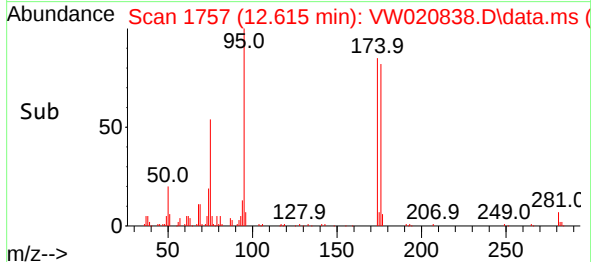
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



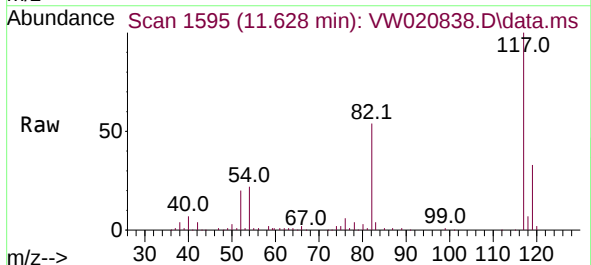
Tgt Ion: 95 Resp: 44820
Ion Ratio Lower Upper
95 100
174 91.1 0.0 166.4
176 83.2 0.0 159.8

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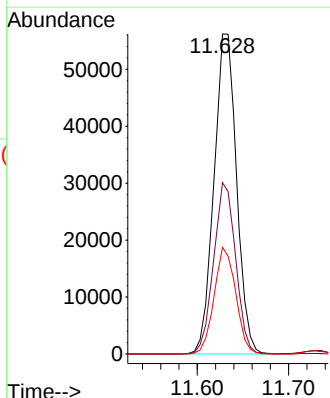
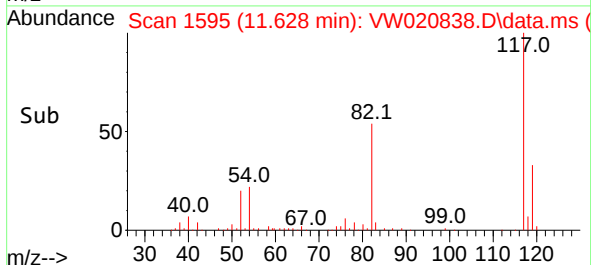
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

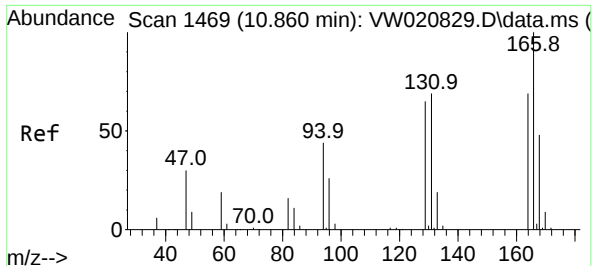


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



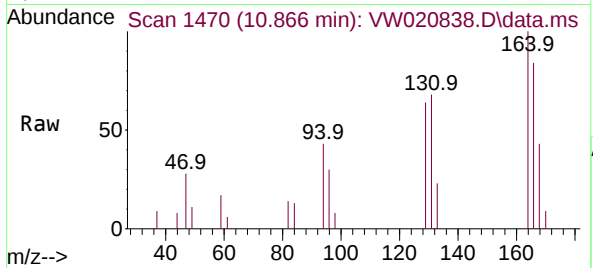
Tgt Ion:117 Resp: 96613
Ion Ratio Lower Upper
117 100
82 53.6 45.6 68.4
119 33.3 25.0 37.4





#64
Tetrachloroethene
Concen: 2.801 ug/l
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

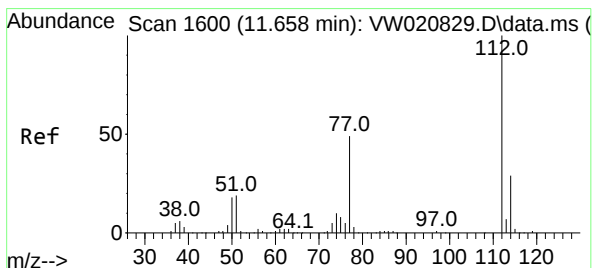
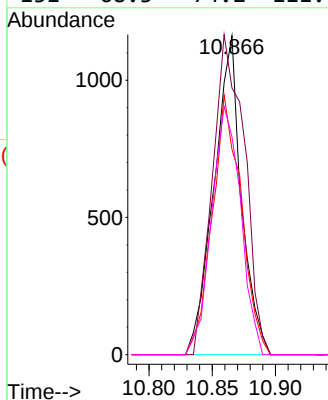
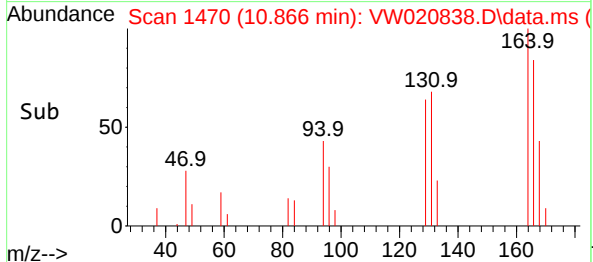
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



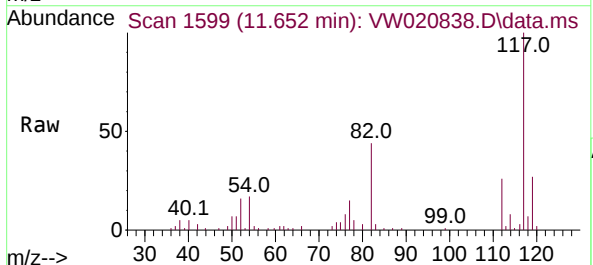
Tgt Ion:164 Resp: 175
Ion Ratio Lower Upper
164 100
166 83.6 110.2 165.4
129 64.4 74.4 111.6
131 68.3 74.2 111.4

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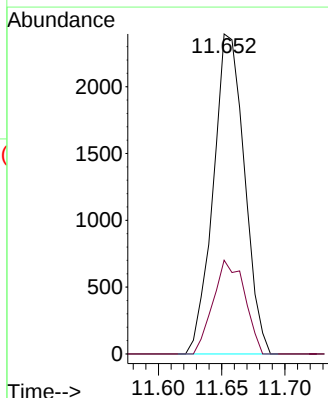
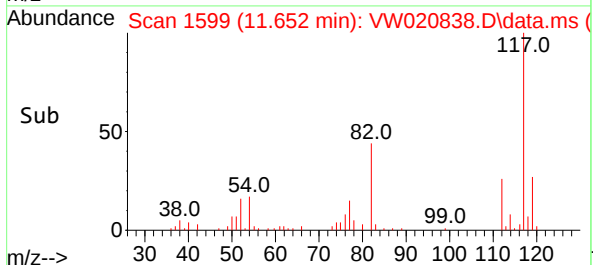
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

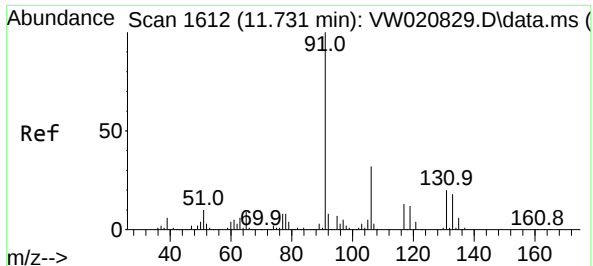


#65
Chlorobenzene
Concen: 2.430 ug/l
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



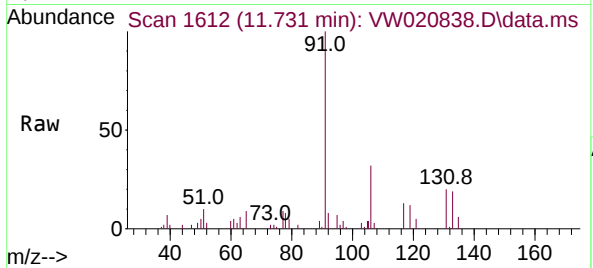
Tgt Ion:112 Resp: 4105
Ion Ratio Lower Upper
112 100
114 29.3 27.0 40.6





#66
1,1,1,2-Tetrachloroethane
Concen: 2.382 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

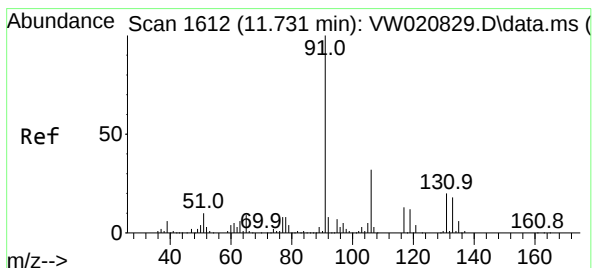
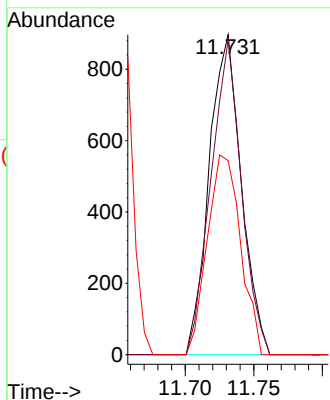
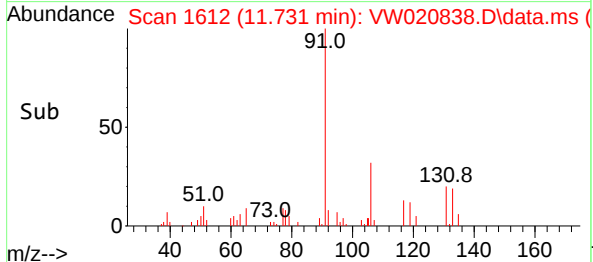
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



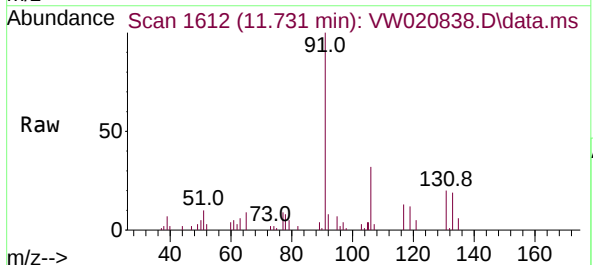
Tgt Ion: 131 Resp: 1460
Ion Ratio Lower Upper
131 100
133 93.6 47.9 143.8
119 64.7 31.6 95.0

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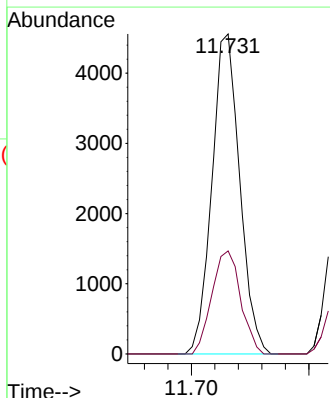
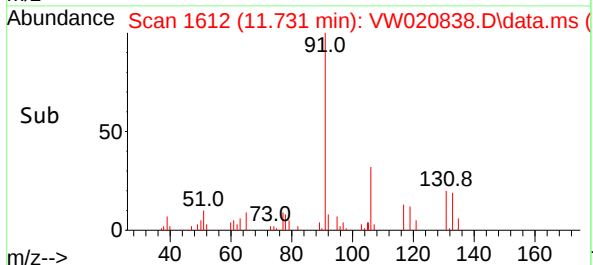
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

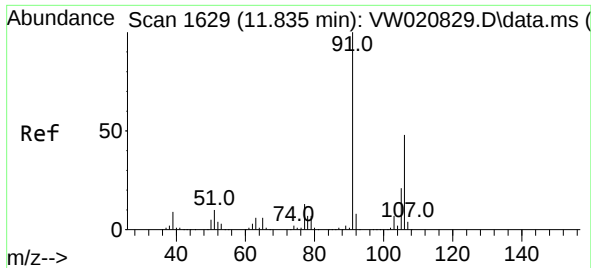


#67
Ethyl Benzene
Concen: 2.412 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



Tgt Ion: 91 Resp: 7491
Ion Ratio Lower Upper
91 100
106 32.2 24.4 36.6





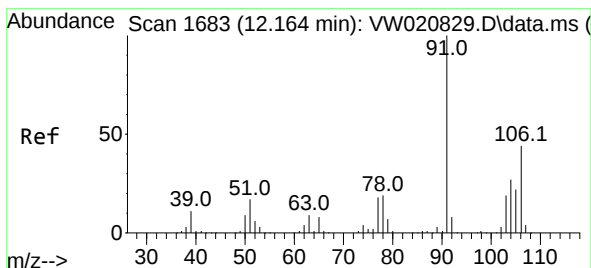
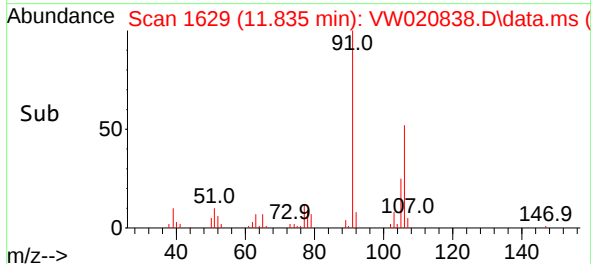
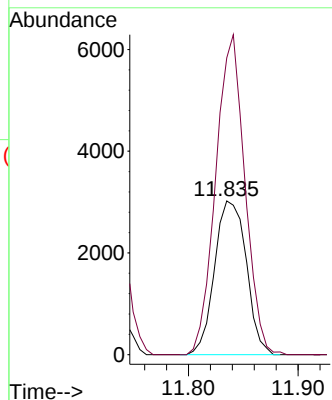
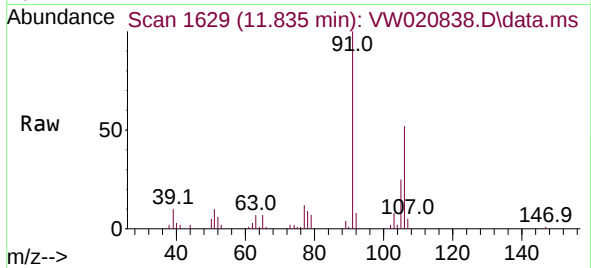
#68
m/p-Xylenes
Concen: 4.944 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:106 Resp: 607
Ion Ratio Lower Upper
106 100
91 191.6 166.4 249.6

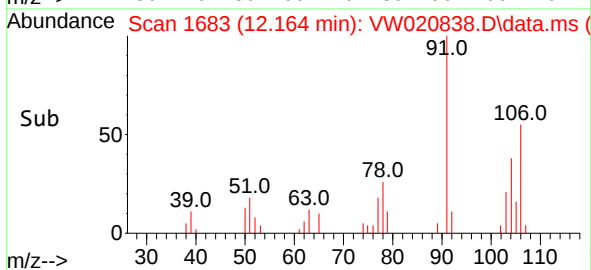
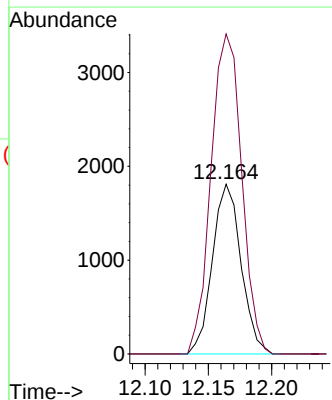
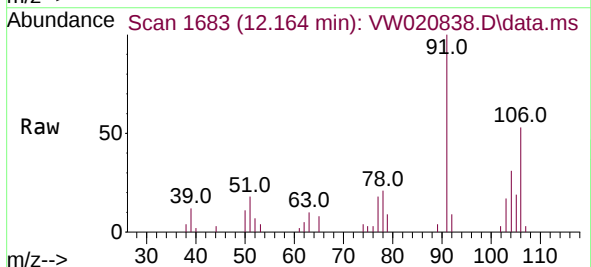
Manual Integrations
APPROVED

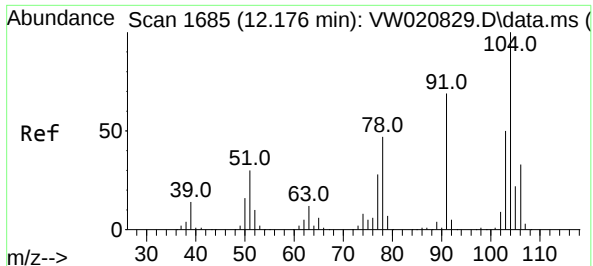
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#69
o-Xylene
Concen: 2.497 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Tgt Ion:106 Resp: 2846
Ion Ratio Lower Upper
106 100
91 201.8 110.9 332.6





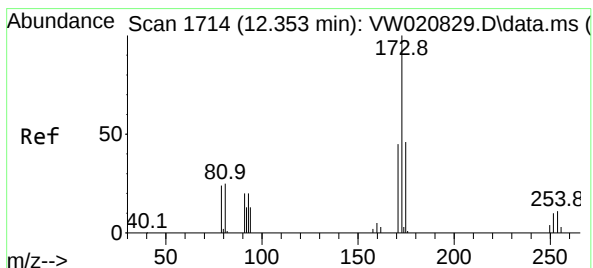
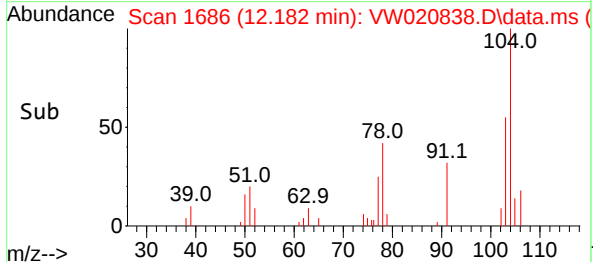
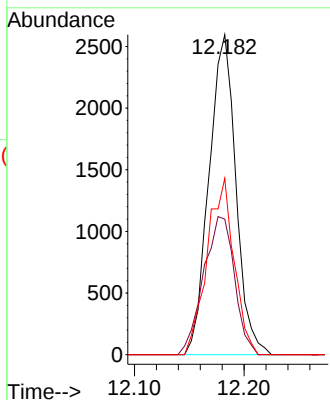
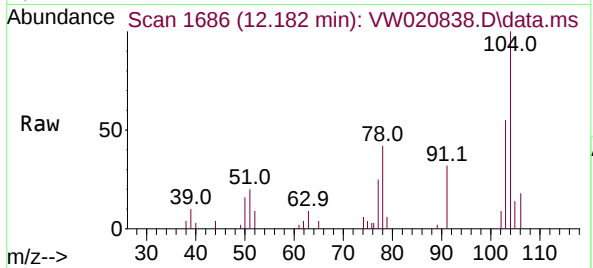
#70
Styrene
Concen: 2.327 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:104 Resp: 4429
Ion Ratio Lower Upper
104 100
78 49.5 41.4 62.0
103 55.2 43.3 64.9

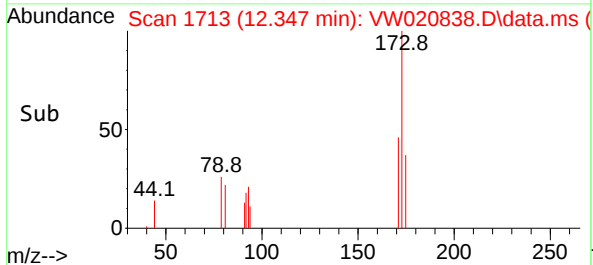
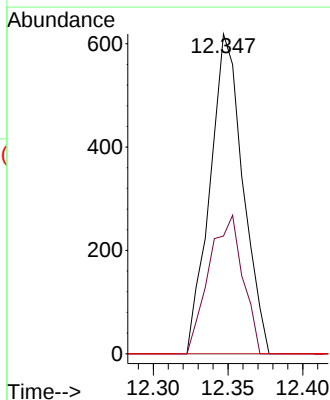
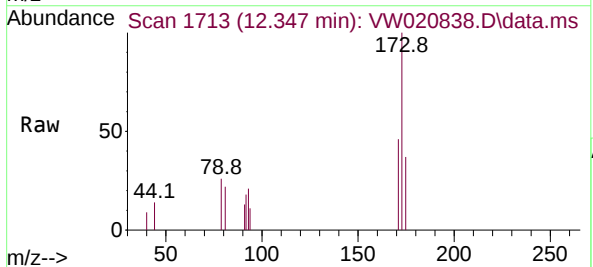
Manual Integrations
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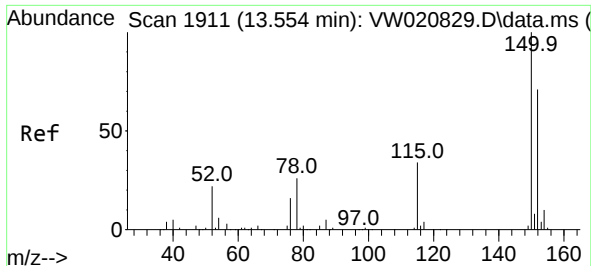
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#71
Bromoform
Concen: 2.393 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

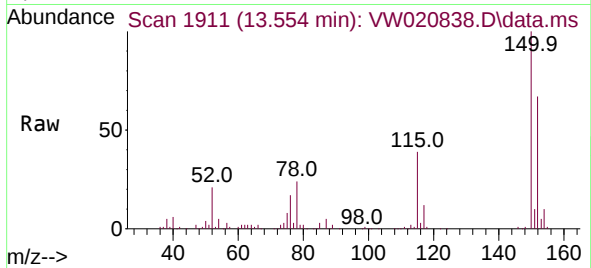
Tgt Ion:173 Resp: 948
Ion Ratio Lower Upper
173 100
175 44.6 24.6 73.8
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

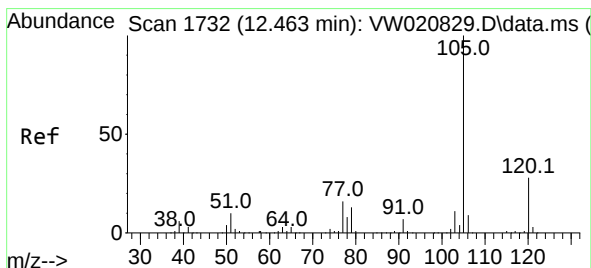
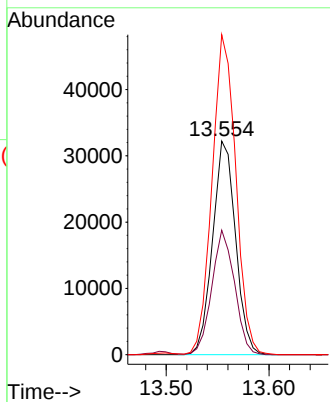
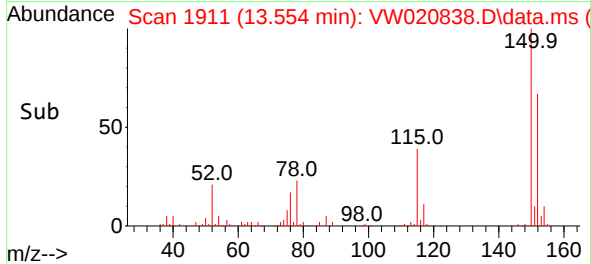
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



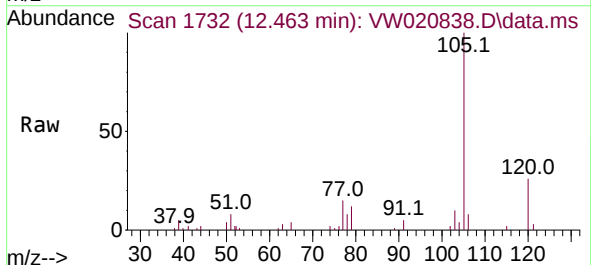
Tgt Ion:152 Resp: 49989
Ion Ratio Lower Upper
152 100
115 57.6 29.6 88.9
150 154.8 0.0 352.6

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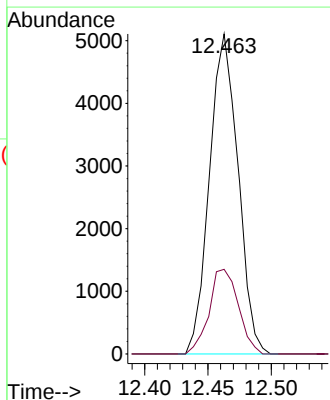
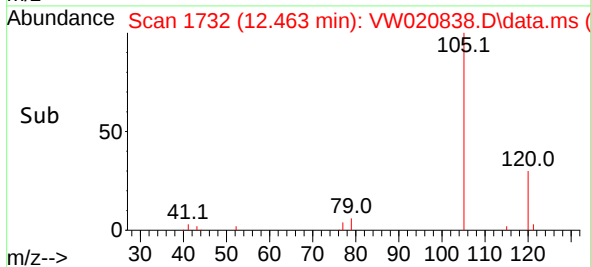
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

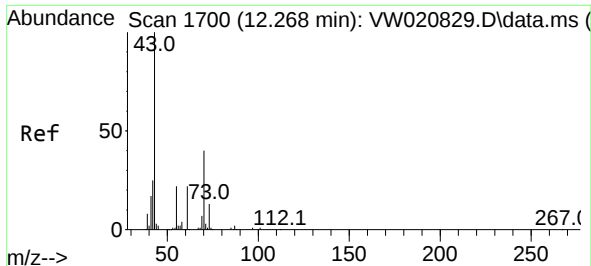


#73
Isopropylbenzene
Concen: 2.571 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



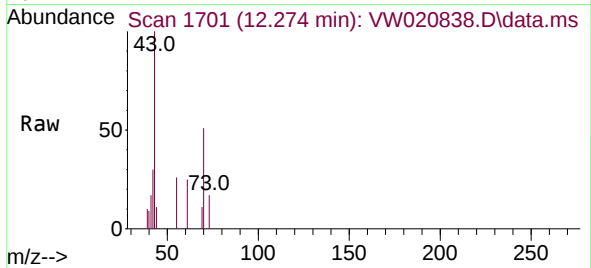
Tgt Ion:105 Resp: 8017
Ion Ratio Lower Upper
105 100
120 27.1 13.0 39.0





#74
N-amy1 acetate
Concen: 2.545 ug/l
RT: 12.274 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

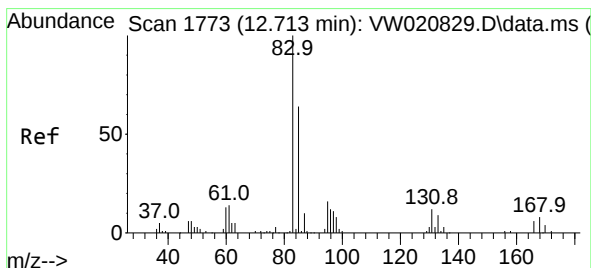
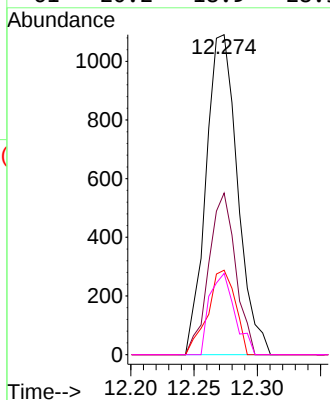
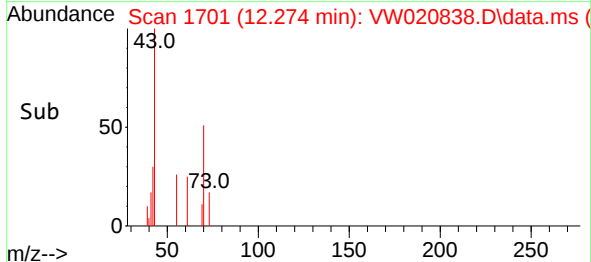
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.7	33.4	50.2
55	23.0	20.1	30.1
61	20.2	18.9	28.3

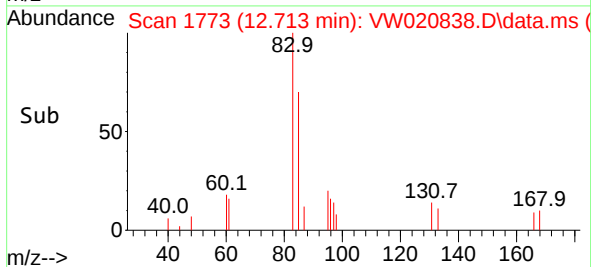
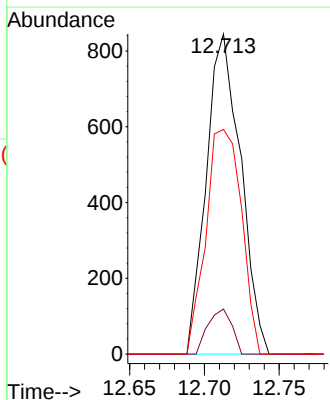
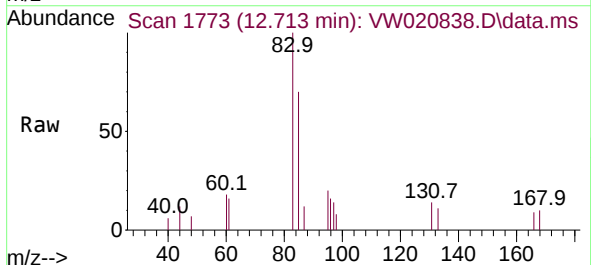
Manual Integrations
APPROVED

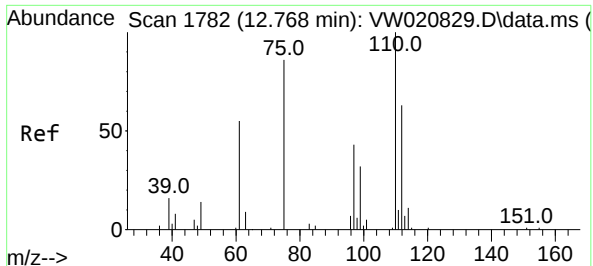
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#75
1,1,2,2-Tetrachloroethane
Concen: 2.425 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.8	17.3
85	72.5	31.8	95.4





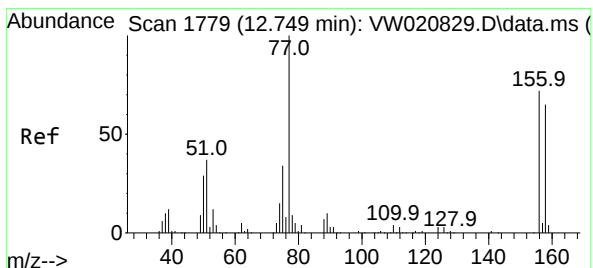
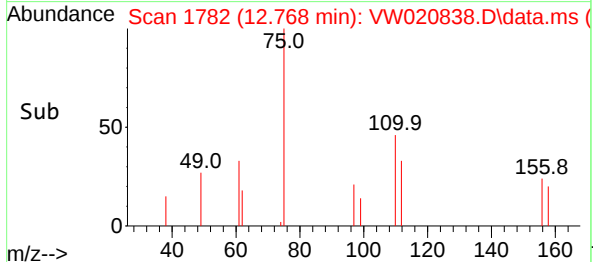
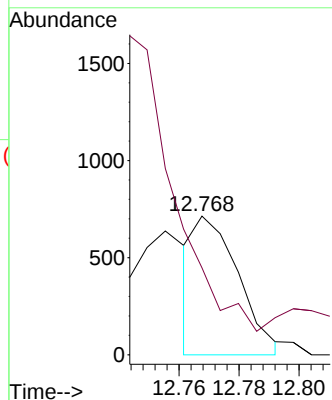
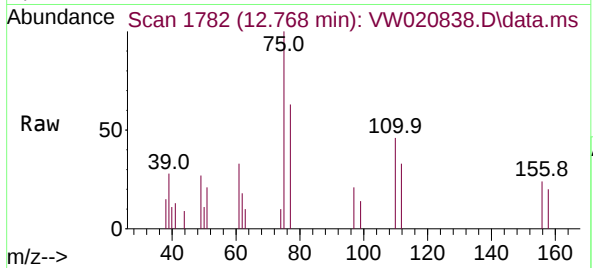
#76
1,2,3-Trichloropropane
Concen: 1.894 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 75 Resp: 728
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

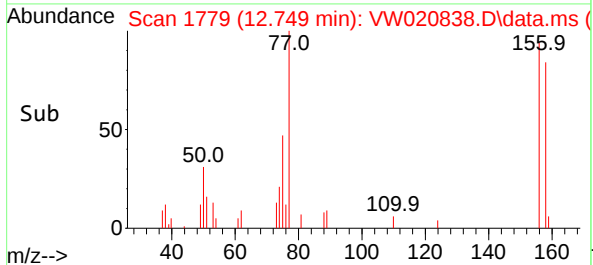
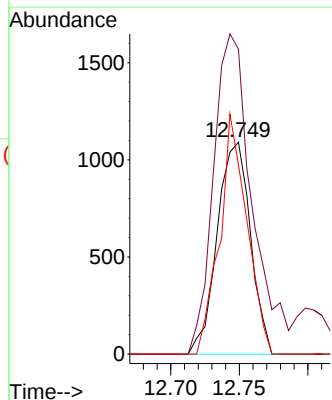
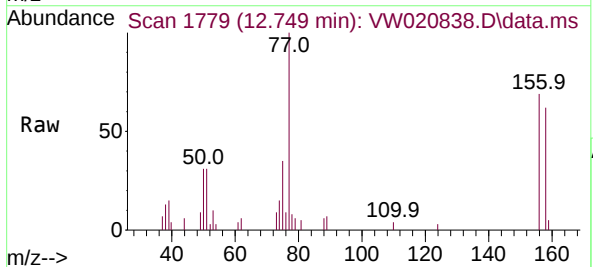
Manual Integrations
APPROVED

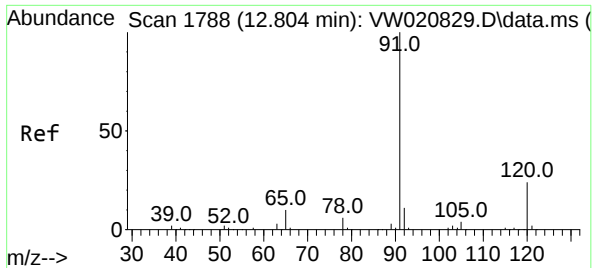
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#77
Bromobenzene
Concen: 2.537 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Tgt Ion:156 Resp: 1833
Ion Ratio Lower Upper
156 100
77 175.8 91.8 275.6
158 93.3 47.9 143.8





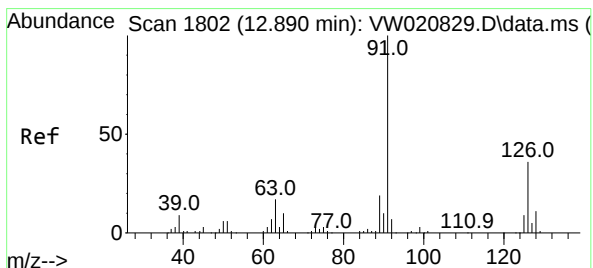
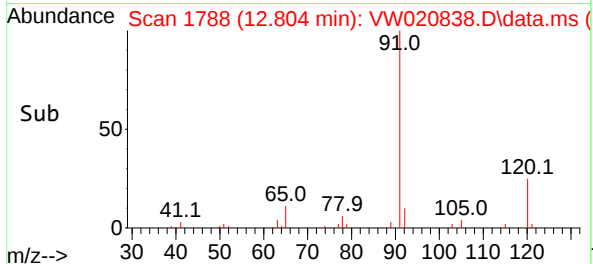
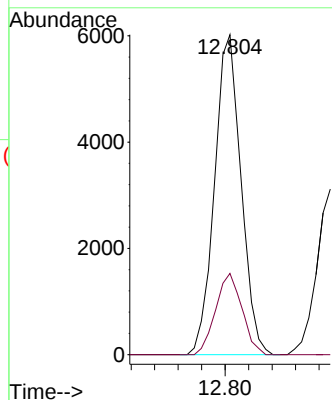
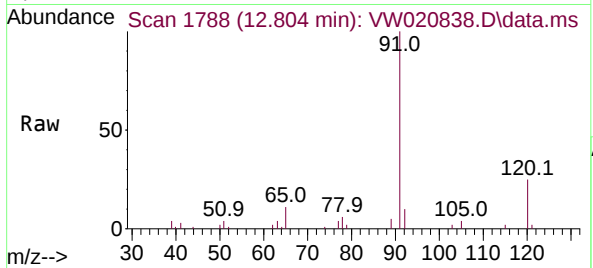
#78
n-propylbenzene
Concen: 2.485 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 91 Resp: 941
Ion Ratio Lower Upper
91 100
120 25.3 11.7 35.0

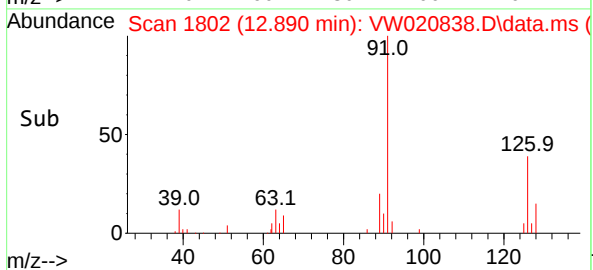
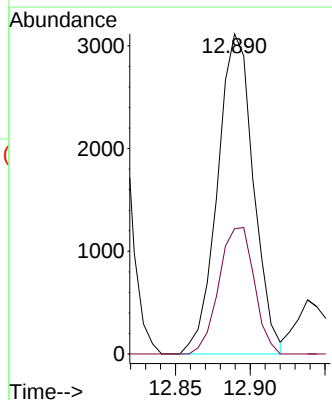
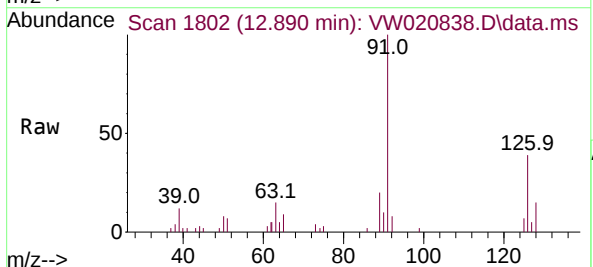
Manual Integrations
APPROVED

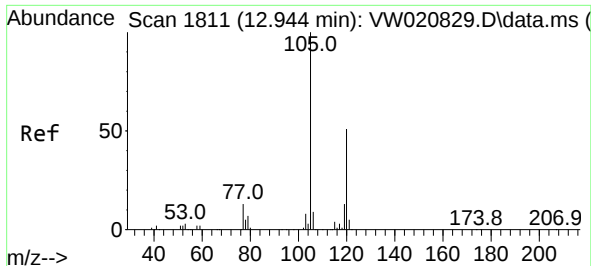
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#79
2-Chlorotoluene
Concen: 2.508 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Tgt Ion: 91 Resp: 5211
Ion Ratio Lower Upper
91 100
126 38.7 16.7 50.0





#80

1,3,5-Trimethylbenzene

Concen: 2.468 ug/l

RT: 12.938 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW020838.D

Acq: 10 Nov 2021 17:38

Instrument :

MSVOA_W

ClientSampleId :

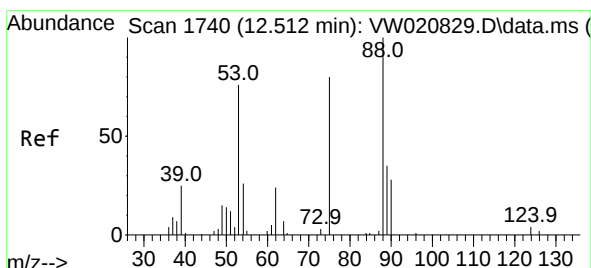
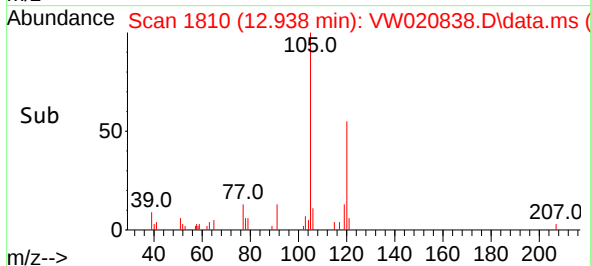
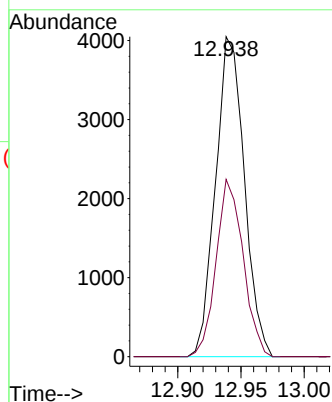
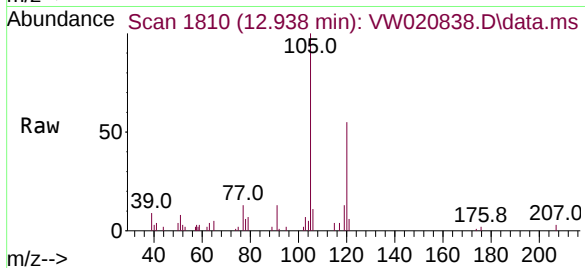
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:105 Resp: 641
 Ion Ratio Lower Upper
 105 100
 120 51.9 24.3 72.9

Manual Integrations

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



#81

trans-1,4-Dichloro-2-butene

Concen: 1.859 ug/l m

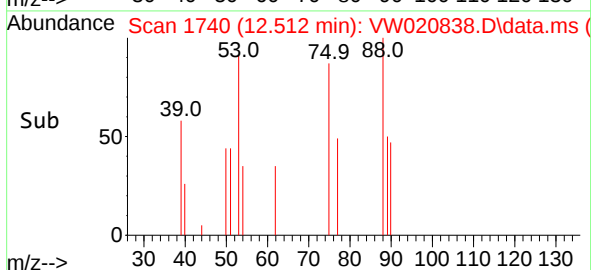
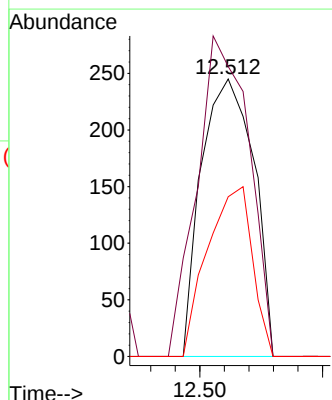
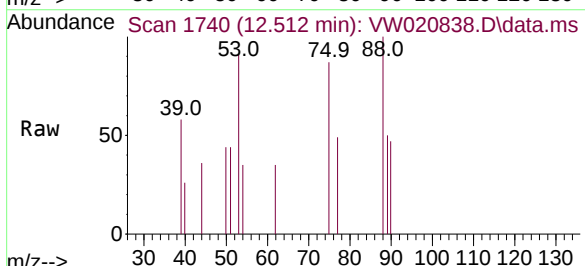
RT: 12.512 min Scan# 1740

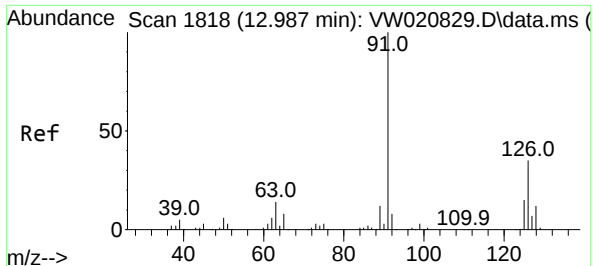
Delta R.T. -0.000 min

Lab File: VW020838.D

Acq: 10 Nov 2021 17:38

Tgt Ion: 75 Resp: 363
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.7 125.5#
 89 0.0 36.7 55.1#





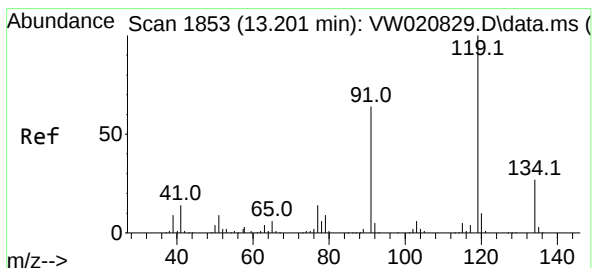
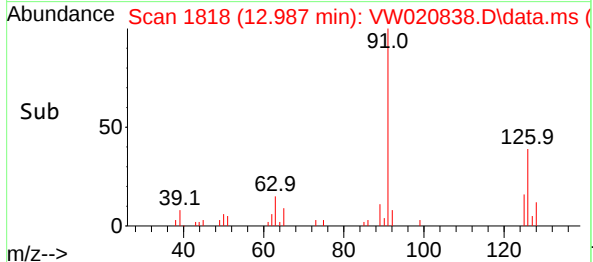
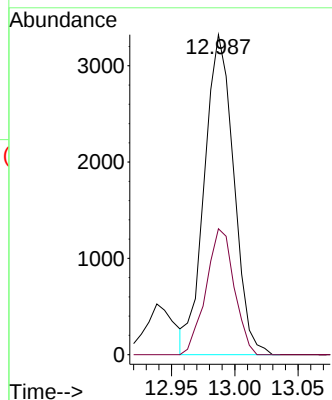
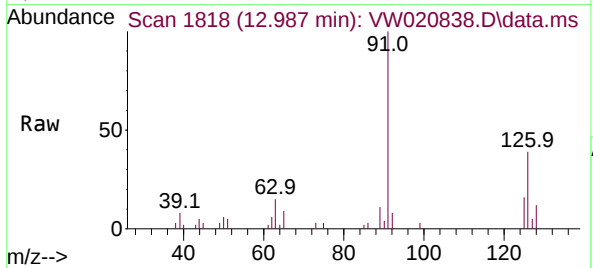
#82
4-Chlorotoluene
Concen: 2.493 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 91 Resp: 5360
Ion Ratio Lower Upper
91 100
126 37.7 16.8 50.4

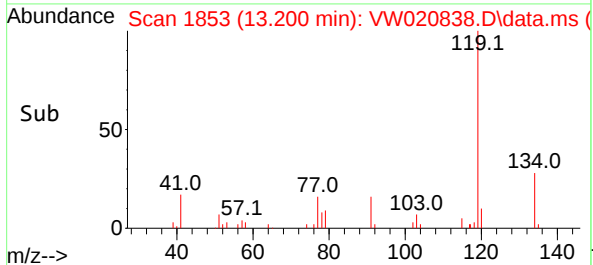
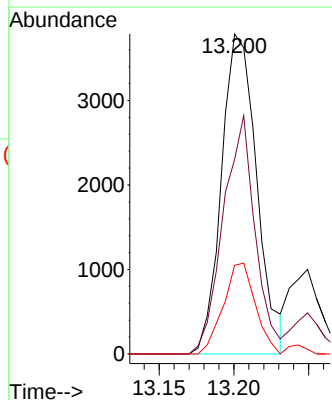
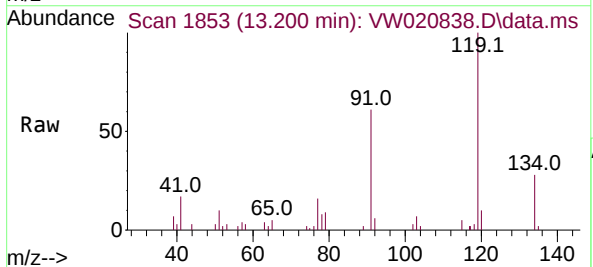
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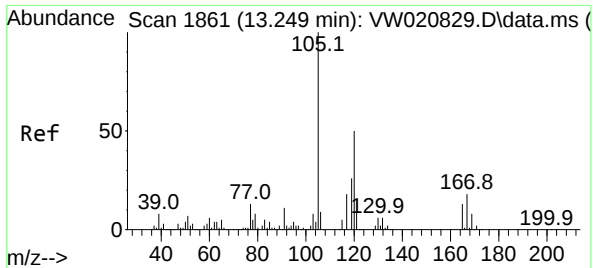
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#83
tert-Butylbenzene
Concen: 2.551 ug/l
RT: 13.200 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Tgt Ion:119 Resp: 6223
Ion Ratio Lower Upper
119 100
91 67.5 32.9 98.7
134 25.7 12.4 37.2





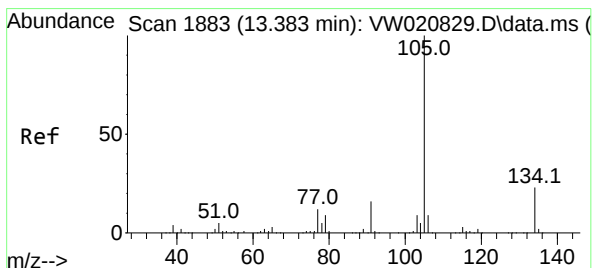
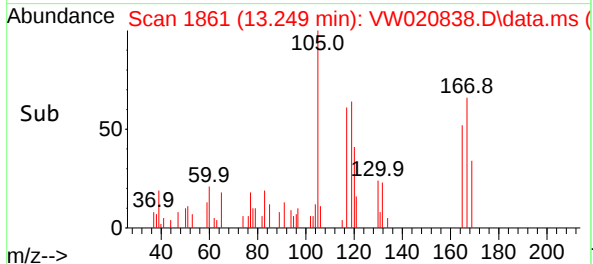
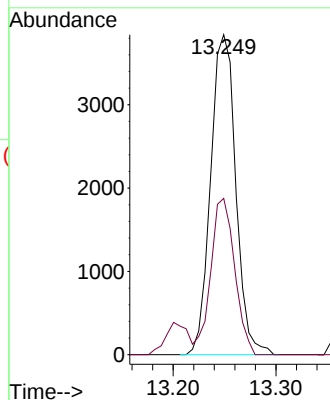
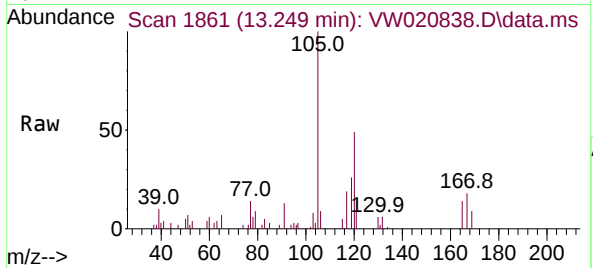
#84
1,2,4-Trimethylbenzene
Concen: 2.554 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:105 Resp: 652
Ion Ratio Lower Upper
105 100
120 46.5 22.6 67.7

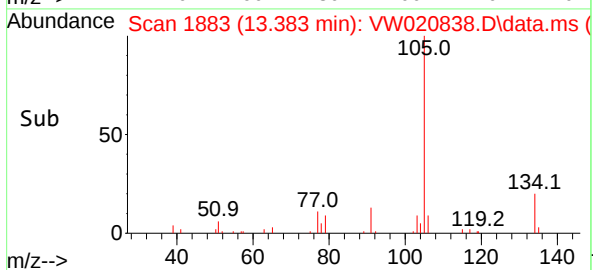
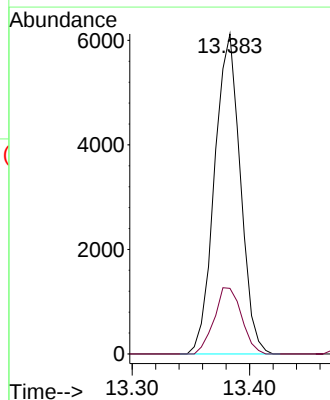
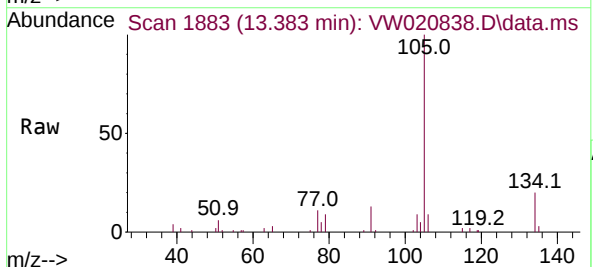
Manual Integrations
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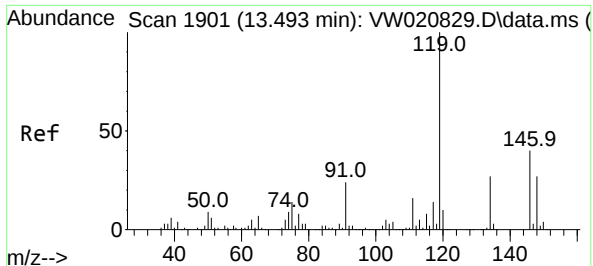
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#85
sec-Butylbenzene
Concen: 2.678 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

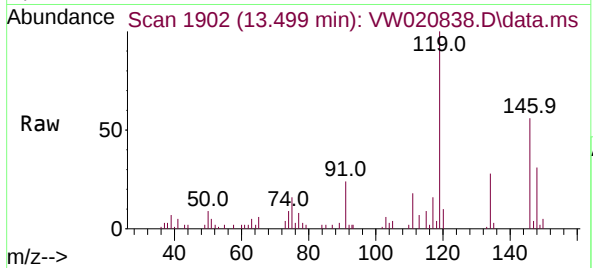
Tgt Ion:105 Resp: 9338
Ion Ratio Lower Upper
105 100
134 21.9 10.1 30.3





#86
p-Isopropyltoluene
Concen: 2.491 ug/l
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

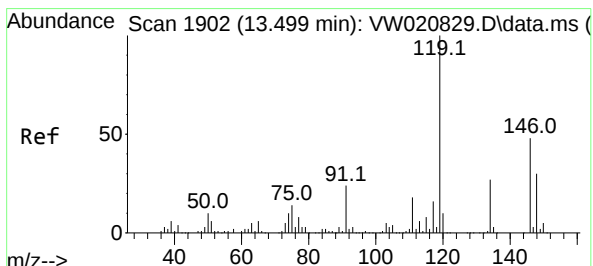
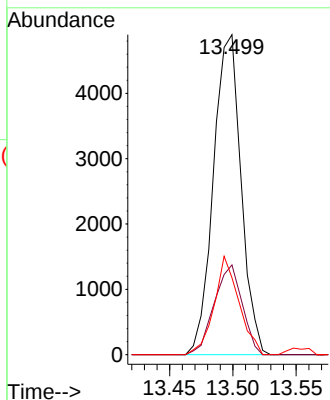
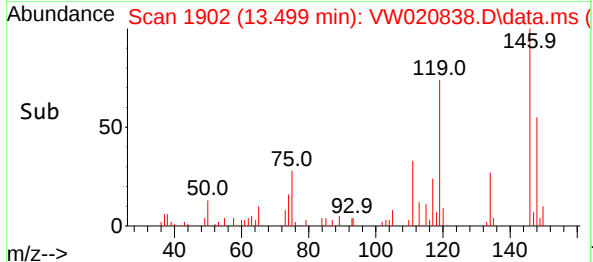
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



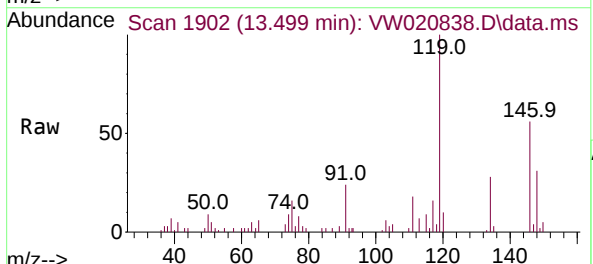
Tgt Ion:119 Resp: 744
Ion Ratio Lower Upper
119 100
134 28.4 13.0 38.9
91 27.6 12.0 36.0

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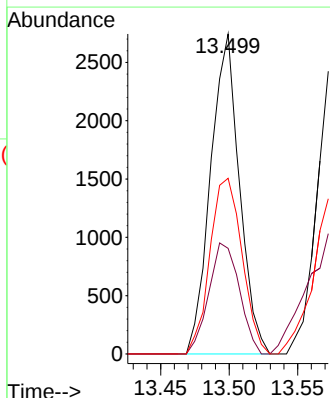
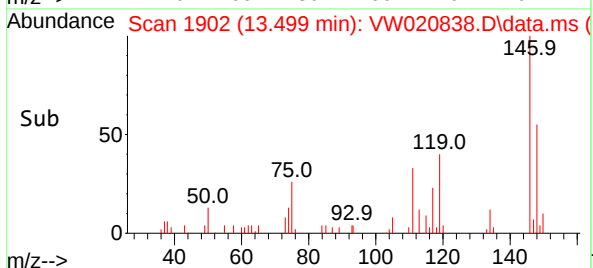
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

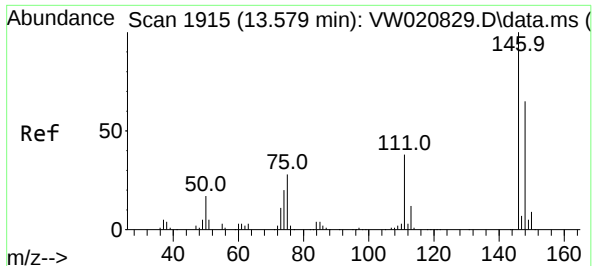


#87
1,3-Dichlorobenzene
Concen: 2.750 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



Tgt Ion:146 Resp: 4019
Ion Ratio Lower Upper
146 100
111 36.8 19.4 58.2
148 61.2 30.8 92.3





#88

1,4-Dichlorobenzene

Concen: 2.880 ug/l

RT: 13.572 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VW020838.D

Acq: 10 Nov 2021 17:38

Instrument :

MSVOA_W

ClientSampleId :

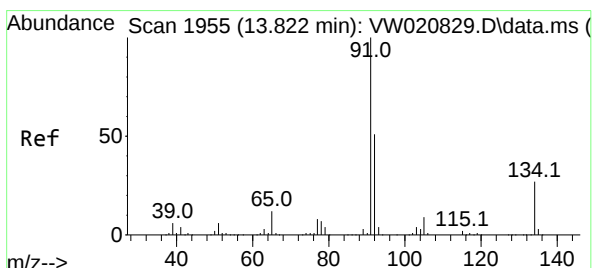
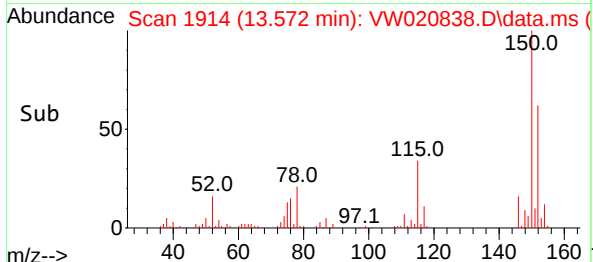
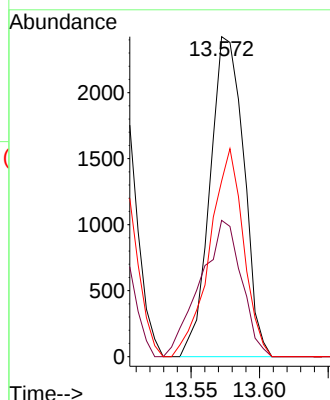
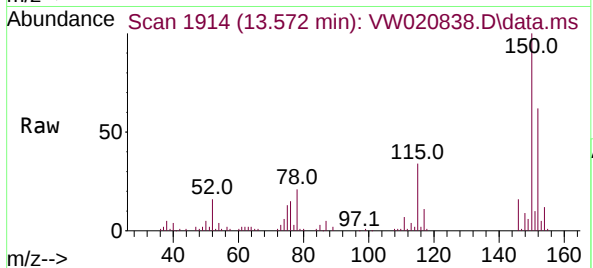
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:	146	Resp:	415
Ion Ratio	Lower	Upper	
146	100		
111	52.0	19.4	58.4
148	65.0	32.4	97.2

Manual Integrations

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



#89

n-Butylbenzene

Concen: 2.453 ug/l

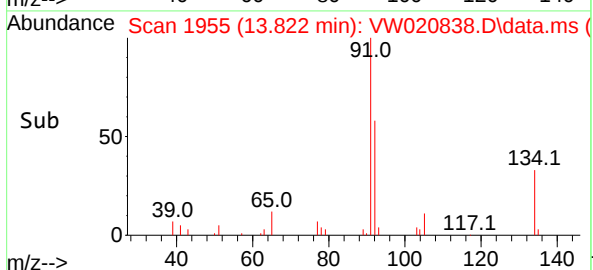
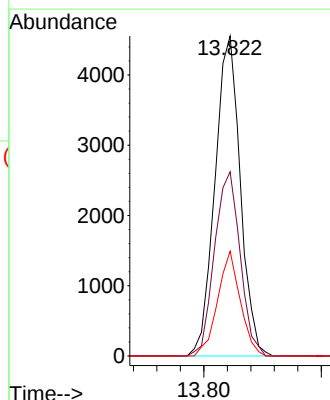
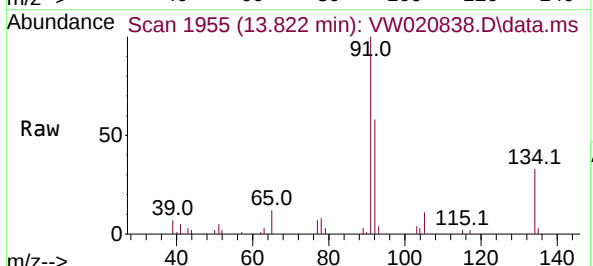
RT: 13.822 min Scan# 1955

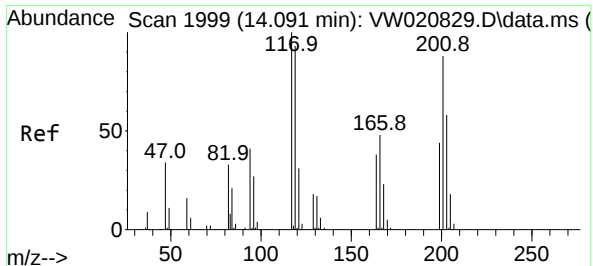
Delta R.T. -0.000 min

Lab File: VW020838.D

Acq: 10 Nov 2021 17:38

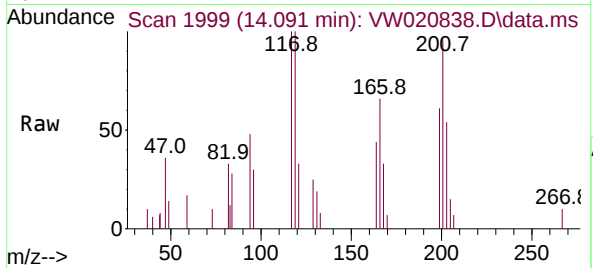
Tgt Ion:	91	Resp:	6825
Ion Ratio	Lower	Upper	
91	100		
92	58.1	27.1	81.2
134	29.3	13.4	40.1





#90
Hexachloroethane
Concen: 2.414 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

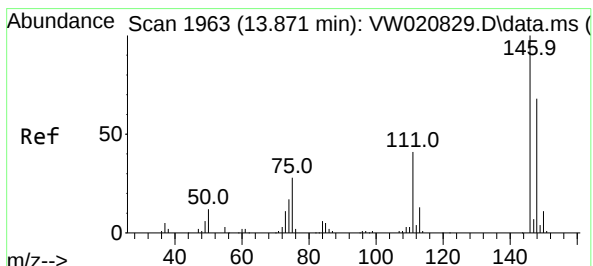
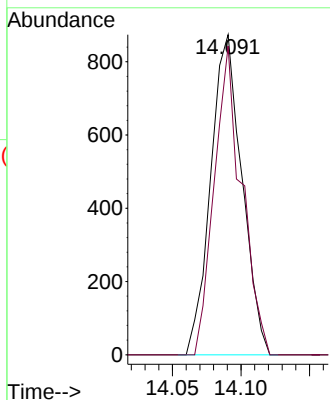
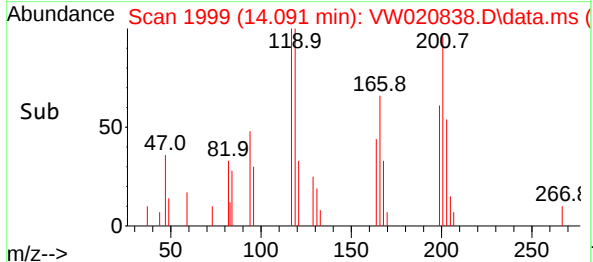
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



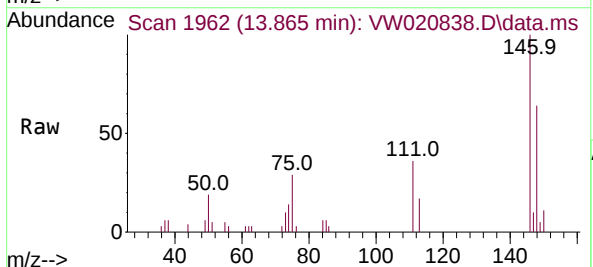
Tgt Ion:117 Resp: 138
Ion Ratio Lower Upper
117 100
201 84.9 42.4 127.3

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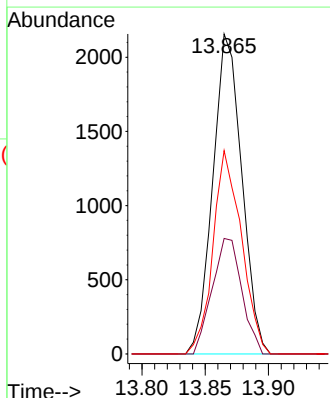
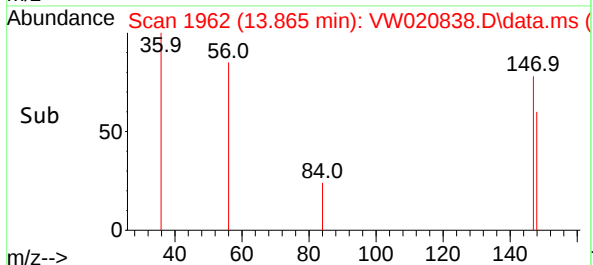
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

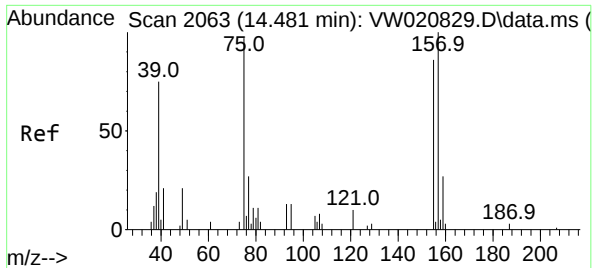


#91
1,2-Dichlorobenzene
Concen: 2.776 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38



Tgt Ion:146 Resp: 3430
Ion Ratio Lower Upper
146 100
111 37.0 20.4 61.3
148 62.4 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.122 ug/l

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020838.D

Acq: 10 Nov 2021 17:38

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

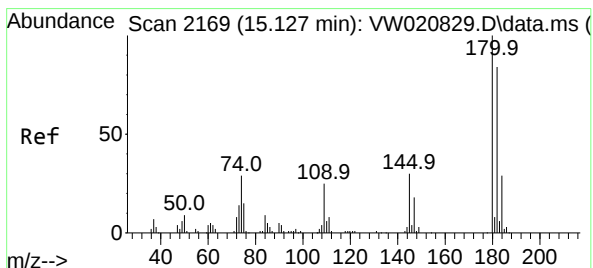
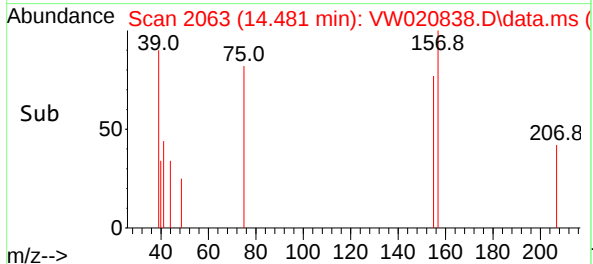
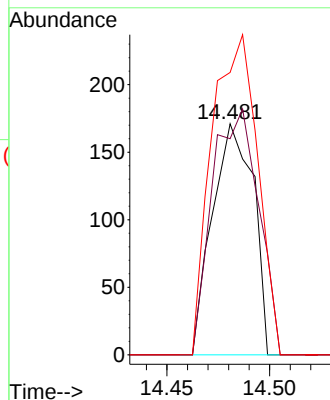
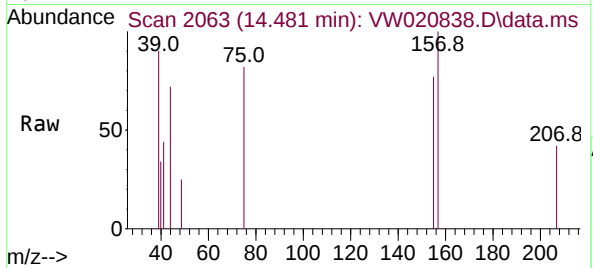
Tgt Ion: 75	Resp: 23
Ion Ratio	Lower Upper
75 100	
155 120.3	42.5 127.6
157 155.3	53.4 160.2

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Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#93

1,2,4-Trichlorobenzene

Concen: 2.910 ug/l

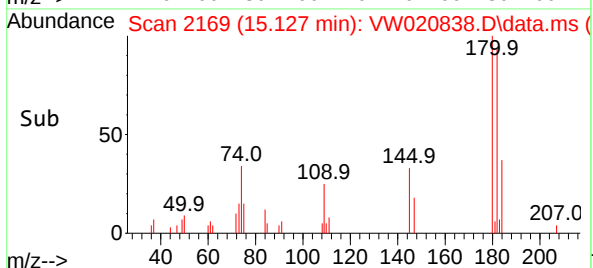
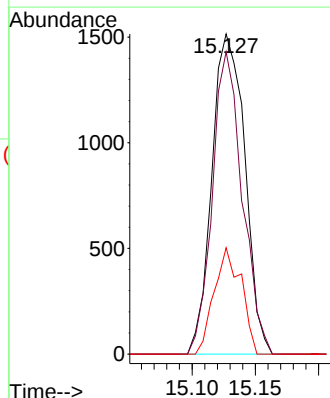
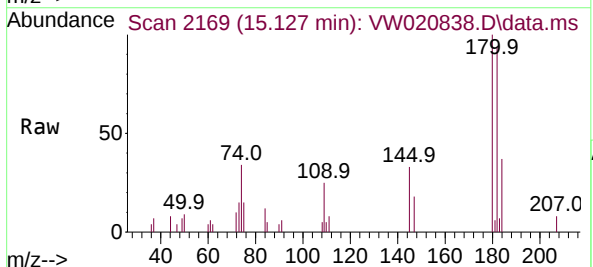
RT: 15.127 min Scan# 2169

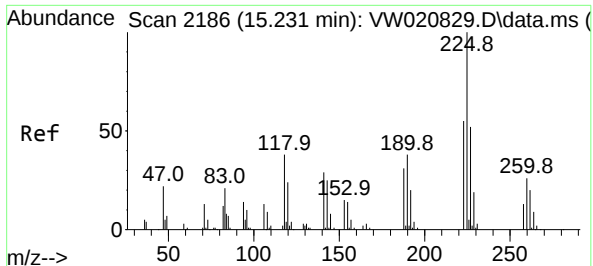
Delta R.T. -0.000 min

Lab File: VW020838.D

Acq: 10 Nov 2021 17:38

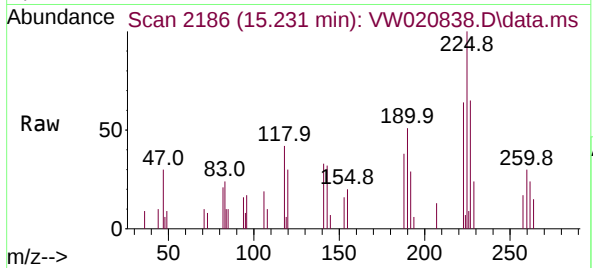
Tgt Ion:180	Resp: 2739
Ion Ratio	Lower Upper
180 100	
182 86.0	49.4 148.2
145 27.3	15.2 45.6





#94
Hexachlorobutadiene
Concen: 2.789 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

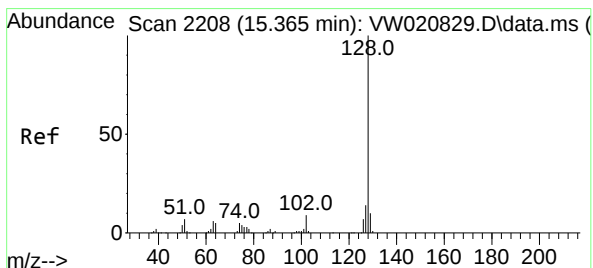
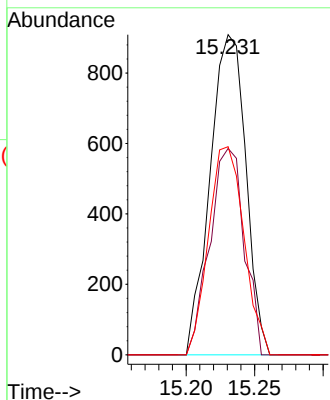
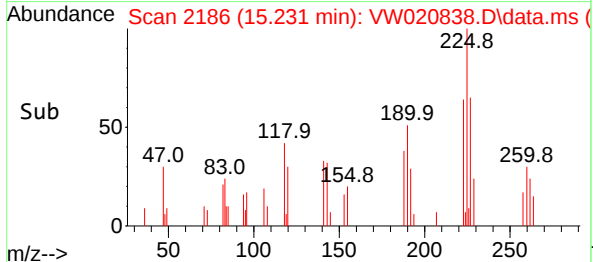
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:225 Resp: 165
Ion Ratio Lower Upper
225 100
223 61.9 29.8 89.5
227 64.3 32.8 98.4

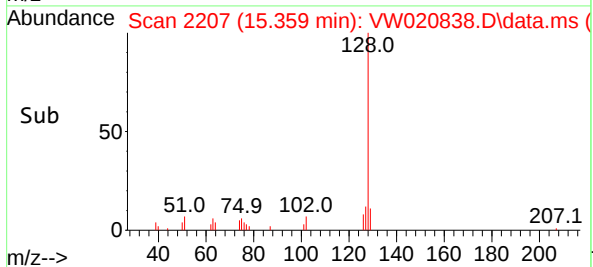
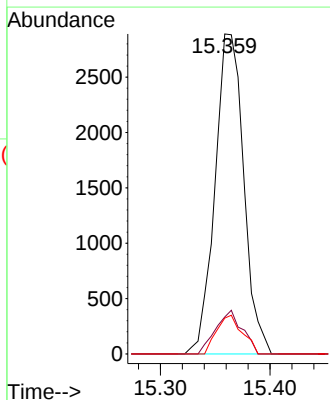
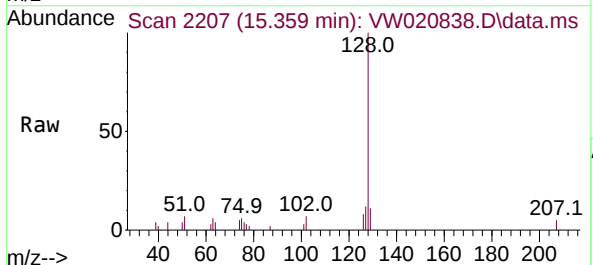
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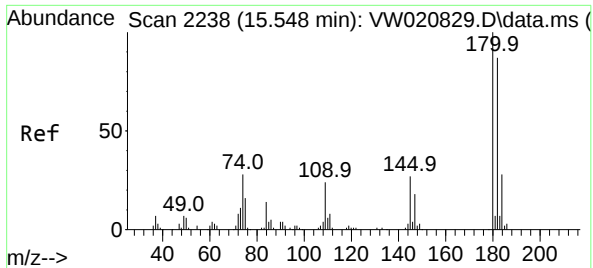
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#95
Naphthalene
Concen: 2.858 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020838.D
Acq: 10 Nov 2021 17:38

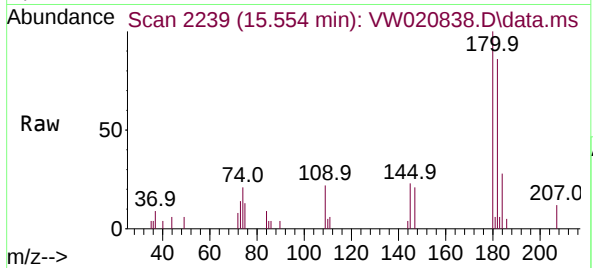
Tgt Ion:128 Resp: 5263
Ion Ratio Lower Upper
128 100
127 12.6 11.1 16.7
129 10.8 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 2.947 ug/l
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW020838.D
 Acq: 10 Nov 2021 17:38

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:180 Resp: 2390
 Ion Ratio Lower Upper
 180 100
 182 99.8 46.4 139.2
 145 30.7 15.7 47.0

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

