

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020839.D
 Acq On : 10 Nov 2021 18:02
 Operator : SY/VA
 Sample : M4068-01 4PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 11 02:14:29 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	7.945	168	79317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	109931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	96100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	50780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	33285	50.746	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.500%			
35) Dibromofluoromethane	7.891	113	32944	53.604	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.200%			
50) Toluene-d8	10.323	98	127103	52.860	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.720%			
62) 4-Bromofluorobenzene	12.615	95	44533	51.334	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	360	2.420	ug/l #	41
3) Chloromethane	2.209	50	1842	4.295	ug/l	97
4) Vinyl Chloride	2.355	62	2742	4.125	ug/l	93
5) Bromomethane	2.770	94	2103	4.506	ug/l #	78
6) Chloroethane	2.916	64	1125	3.816	ug/l #	88
7) Trichlorofluoromethane	3.257	101	1402	3.741	ug/l	92
8) Diethyl Ether	3.684	74	1239	4.586	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.062	101	2830	4.647	ug/l	99
10) Methyl Iodide	4.275	142	3362	4.021	ug/l	99
11) Tert butyl alcohol	5.178	59	946	20.974	ug/l #	84
12) 1,1-Dichloroethene	4.038	96	2481	4.210	ug/l	87
13) Acrolein	3.897	56	328	16.541	ug/l	98
14) Allyl chloride	4.672	41	3711	4.252	ug/l	98
15) Acrylonitrile	5.373	53	3202	20.778	ug/l	97
16) Acetone	4.135	43	3638	22.846	ug/l	97
17) Carbon Disulfide	4.391	76	6349	4.043	ug/l	99
18) Methyl Acetate	4.684	43	2544	4.458	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	3737	4.448	ug/l	100
20) Methylene Chloride	4.916	84	5643	8.150	ug/l	94
21) trans-1,2-Dichloroethene	5.428	96	2727	4.264	ug/l #	81
22) Diisopropyl ether	6.318	45	6771	4.132	ug/l	96
23) Vinyl Acetate	6.257	43	19966	19.651	ug/l	99
24) 1,1-Dichloroethane	6.220	63	4582	4.245	ug/l	99
25) 2-Butanone	7.177	43	4325	19.736	ug/l	98
26) 2,2-Dichloropropane	7.171	77	3199	4.367	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	3014	4.288	ug/l	89
28) Bromochloromethane	7.513	49	1924	3.760	ug/l #	87
29) Tetrahydrofuran	7.531	42	2803	20.519	ug/l	97
30) Chloroform	7.677	83	4782	4.204	ug/l	90
31) Cyclohexane	7.952	56	6158	5.234	ug/l #	77
32) 1,1,1-Trichloroethane	7.872	97	4167	4.123	ug/l	97
36) 1,1-Dichloropropene	8.080	75	3850	4.237	ug/l	95
37) Ethyl Acetate	7.263	43	1974	4.500	ug/l #	88
38) Carbon Tetrachloride	8.067	117	4346	4.566	ug/l	98
39) Methylcyclohexane	9.335	83	5371	4.506	ug/l	96
40) Benzene	8.323	78	12257	5.040	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.494	41	1064	4.203	ug/l #	85
42) 1,2-Dichloroethane	8.403	62	3325	4.645	ug/l	95
43) Isopropyl Acetate	8.427	43	3466	4.156	ug/l	97
44) Trichloroethene	9.092	130	3112	4.299	ug/l	97
45) 1,2-Dichloropropane	9.372	63	2333	4.223	ug/l	94
46) Dibromomethane	9.457	93	1534	4.490	ug/l	100
47) Bromodichloromethane	9.646	83	3404	4.169	ug/l	98
48) Methyl methacrylate	9.439	41	1703	4.277	ug/l	89
49) 1,4-Dioxane	9.457	88	413	79.869	ug/l #	68
51) 4-Methyl-2-Pentanone	10.207	43	9376	21.168	ug/l	97
52) Toluene	10.384	92	7018	4.405	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	3287	3.913	ug/l	93
54) cis-1,3-Dichloropropene	10.073	75	3691	3.949	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	2080	4.586	ug/l	96
56) Ethyl methacrylate	10.646	69	2530	4.042	ug/l	96
57) 1,3-Dichloropropane	10.933	76	3318	4.330	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	6804	19.347	ug/l	92
59) 2-Hexanone	10.969	43	6493	19.972	ug/l	99
60) Dibromochloromethane	11.128	129	2572	4.315	ug/l	95
61) 1,2-Dibromoethane	11.238	107	2035	4.342	ug/l	99
64) Tetrachloroethene	10.866	164	2850	4.583	ug/l	90
65) Chlorobenzene	11.658	112	7510	4.469	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	2680	4.396	ug/l	95
67) Ethyl Benzene	11.731	91	13423	4.345	ug/l	97
68) m/p-Xylenes	11.841	106	10567	8.651	ug/l	93
69) o-Xylene	12.164	106	4920	4.340	ug/l	92
70) Styrene	12.182	104	7921	4.184	ug/l	98
71) Bromoform	12.347	173	1639	4.159	ug/l #	92
73) Isopropylbenzene	12.463	105	13710	4.328	ug/l	93
74) N-amyl acetate	12.274	43	3159	4.176	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	2289	4.048	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	1761m	4.510	ug/l	
77) Bromobenzene	12.749	156	3010	4.101	ug/l	96
78) n-propylbenzene	12.804	91	16734	4.348	ug/l	98
79) 2-Chlorotoluene	12.890	91	9334	4.422	ug/l	93
80) 1,3,5-Trimethylbenzene	12.938	105	11467	4.345	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.512	75	749	3.776	ug/l	92
82) 4-Chlorotoluene	12.987	91	9380	4.294	ug/l	97
83) tert-Butylbenzene	13.207	119	10600	4.278	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	11087	4.275	ug/l	97
85) sec-Butylbenzene	13.377	105	15480	4.370	ug/l	94
86) p-Isopropyltoluene	13.493	119	13330	4.391	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	6611	4.453	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	6695	4.566	ug/l	92
89) n-Butylbenzene	13.822	91	12223	4.325	ug/l	98
90) Hexachloroethane	14.091	117	2485	4.258	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	5821	4.637	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.487	75	560	4.936	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	4177	4.368	ug/l	96
94) Hexachlorobutadiene	15.231	225	2741	4.547	ug/l	97
95) Naphthalene	15.359	128	8501	4.545	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	3873	4.689	ug/l	98

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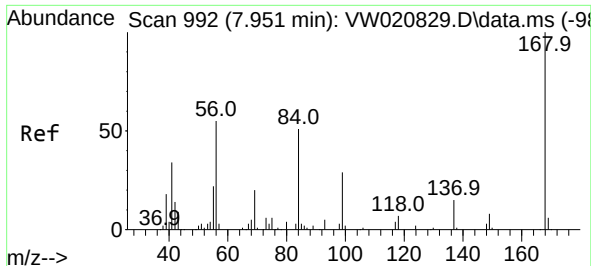
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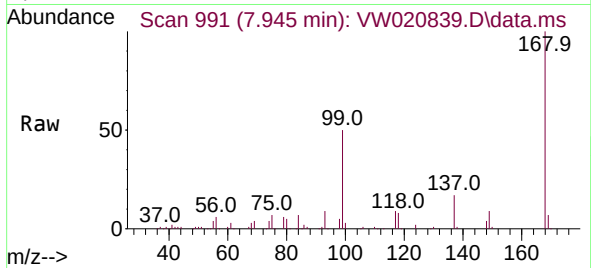
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW020839.D
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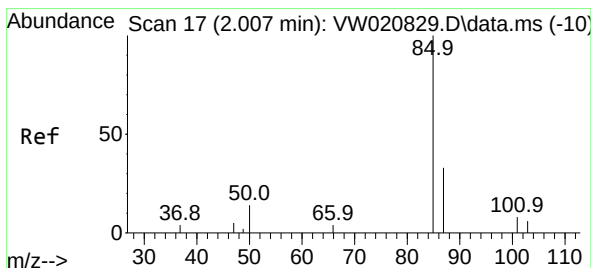
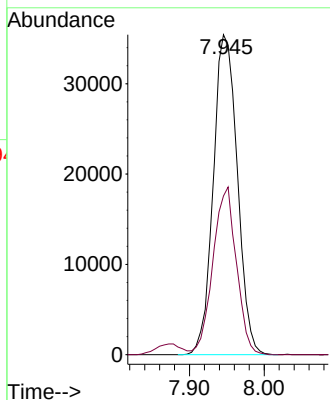
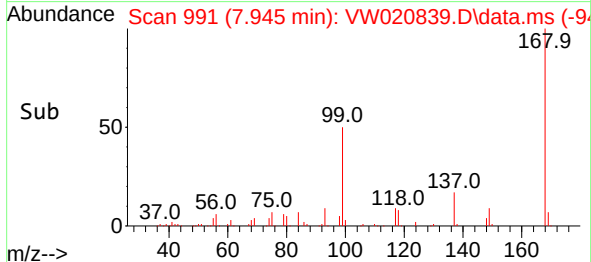
Instrument :
MSVOA_W
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LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:168 Resp: 7931
Ion Ratio Lower Upper
168 100
99 49.6 45.4 68.0

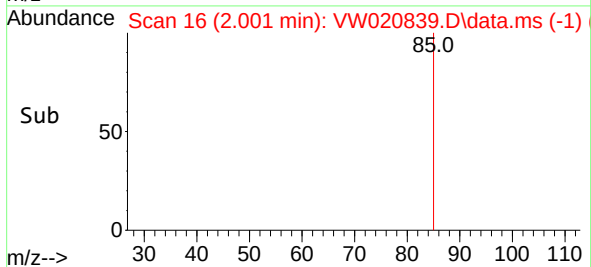
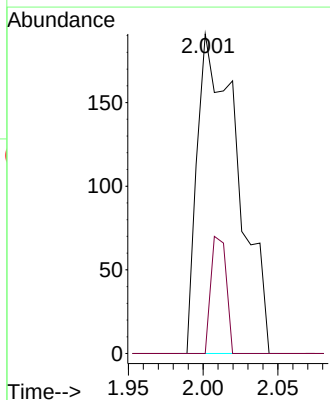
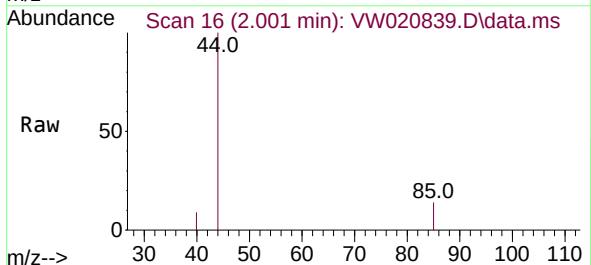
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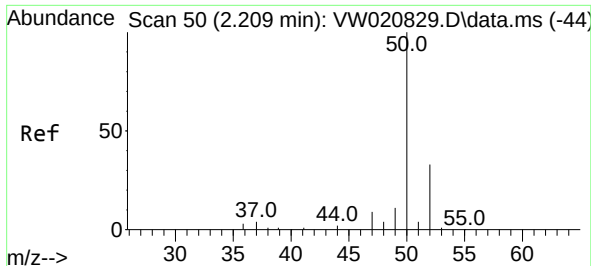
Reviewed By :Semsettin Yesilyurt 11/15/2021
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#2
Dichlorodifluoromethane
Concen: 2.420 ug/l
RT: 2.001 min Scan# 16
Delta R.T. -0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

Tgt Ion: 85 Resp: 360
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.0#





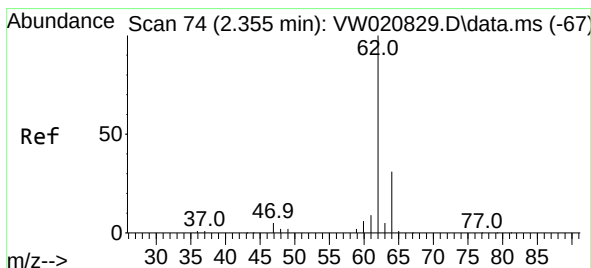
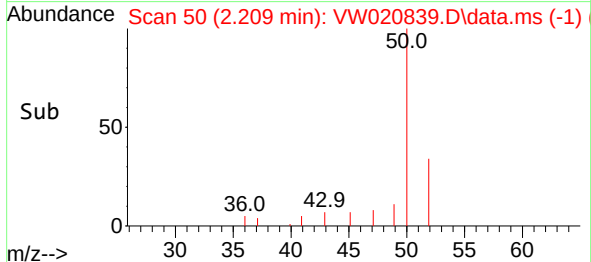
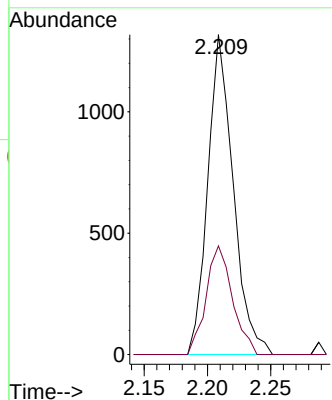
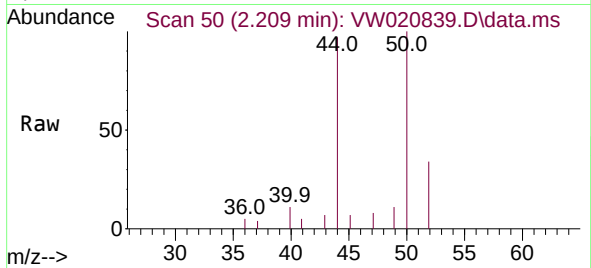
#3
Chloromethane
Concen: 4.295 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

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

Tgt Ion: 50 Resp: 184
Ion Ratio Lower Upper
50 100
52 34.0 25.9 38.9

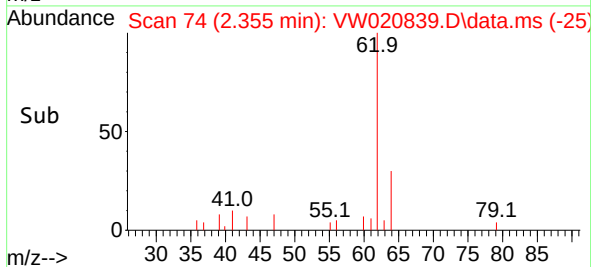
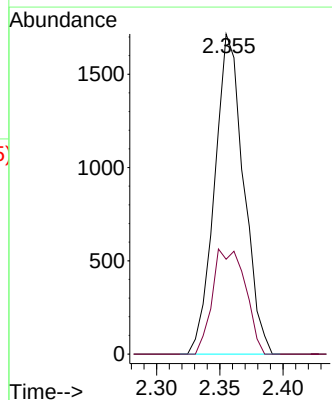
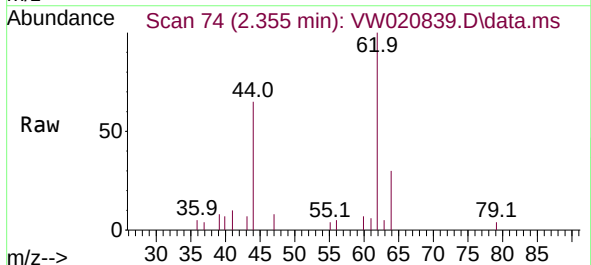
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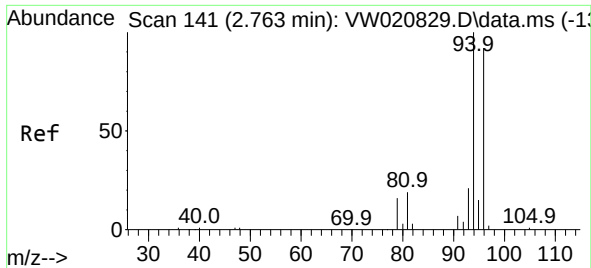
Reviewed By :Semsettin Yesilyurt 11/15/2021
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#4
Vinyl Chloride
Concen: 4.125 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

Tgt Ion: 62 Resp: 2742
Ion Ratio Lower Upper
62 100
64 29.6 26.6 40.0





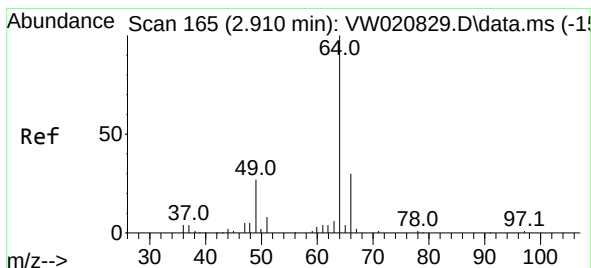
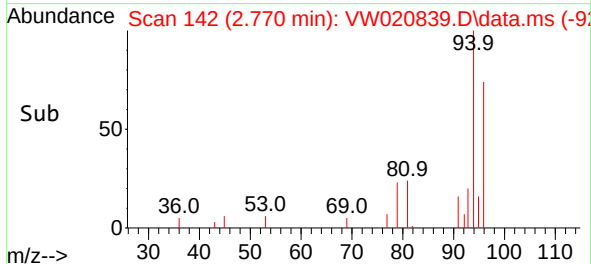
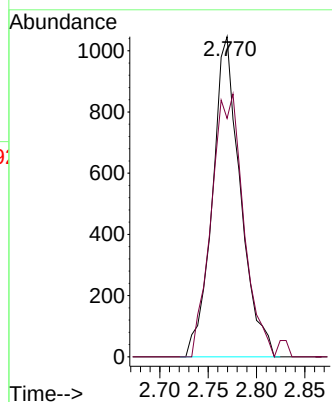
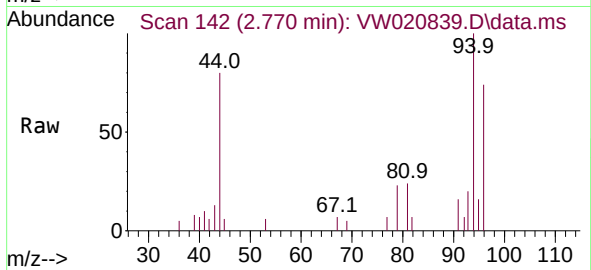
#5
Bromomethane
Concen: 4.506 ug/l
RT: 2.770 min Scan# 141
Delta R.T. 0.007 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

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

Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 74.5 76.7 115.1

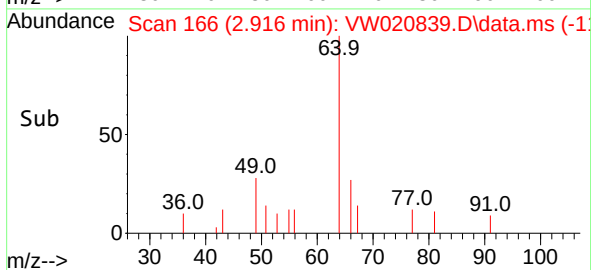
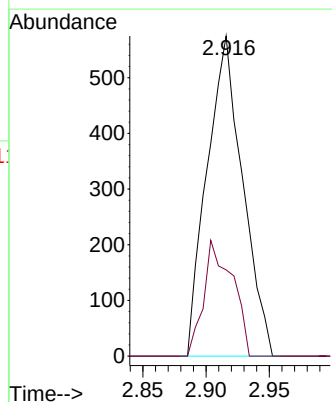
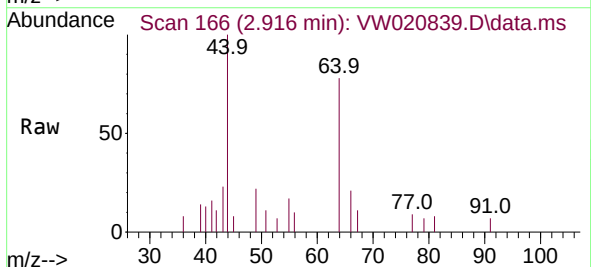
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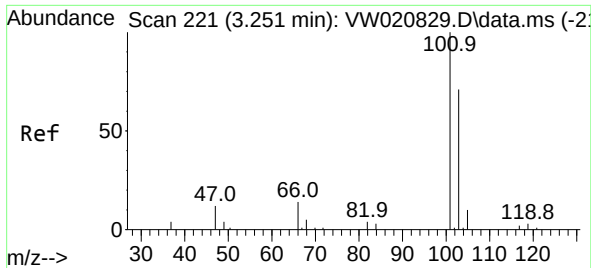
Reviewed By :Semsettin Yesilyurt 11/15/2021
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#6
Chloroethane
Concen: 3.816 ug/l
RT: 2.916 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW020839.D
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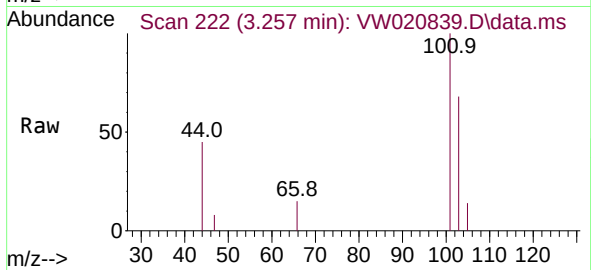
Tgt Ion: 64 Resp: 1125
Ion Ratio Lower Upper
64 100
66 27.0 27.0 40.4





#7
Trichlorofluoromethane
Concen: 3.741 ug/l
RT: 3.257 min Scan# 211
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

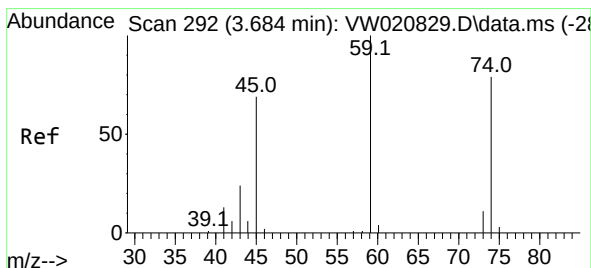
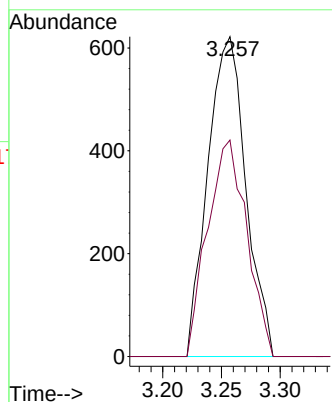
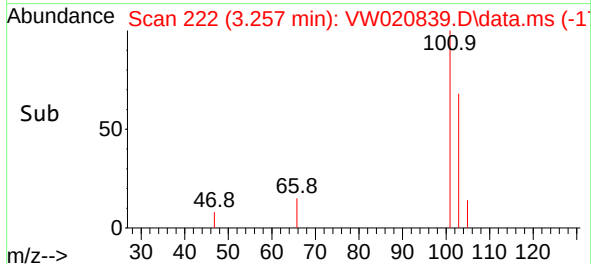
Instrument :
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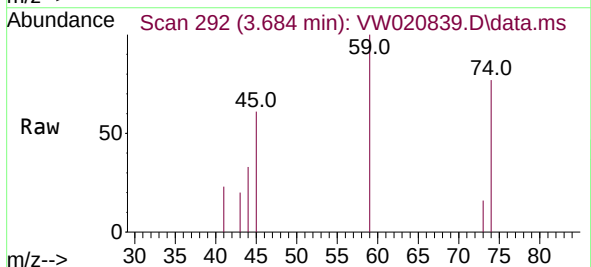
Tgt Ion:101 Resp: 140
Ion Ratio Lower Upper
101 100
103 67.7 49.4 74.0

Manual Integrations
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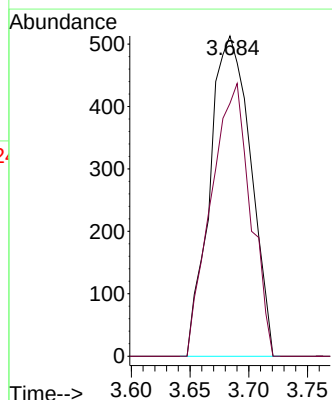
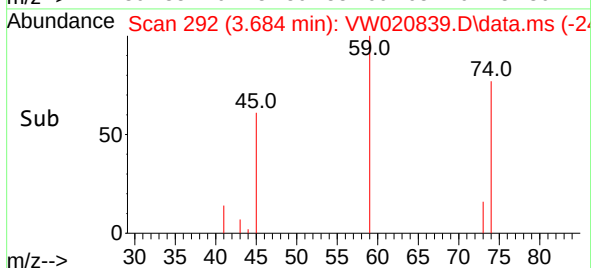
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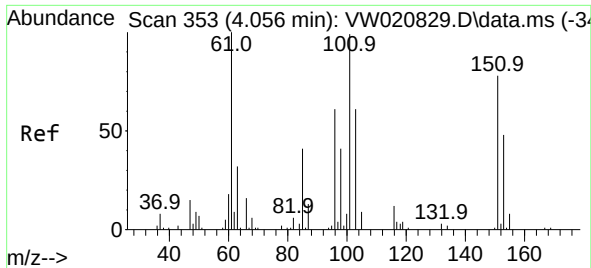


#8
Diethyl Ether
Concen: 4.586 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02



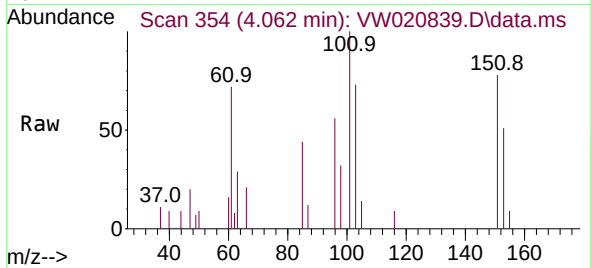
Tgt Ion: 74 Resp: 1239
Ion Ratio Lower Upper
74 100
45 82.2 50.0 150.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.647 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020839.D
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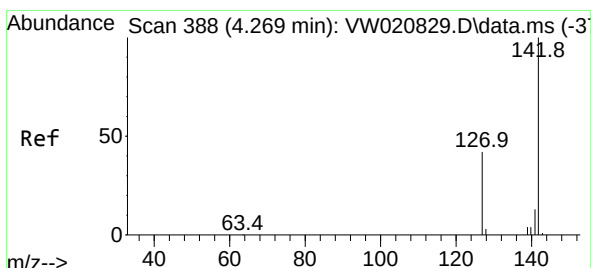
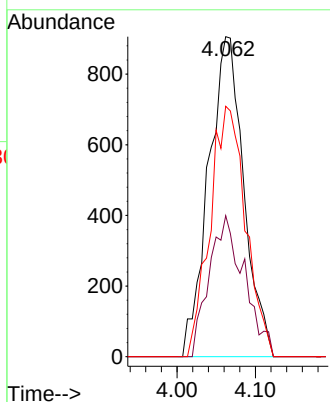
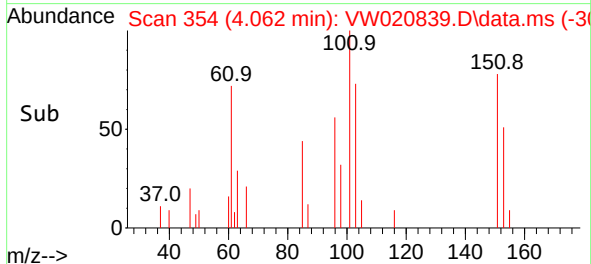
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:101 Resp: 2830
Ion Ratio Lower Upper
101 100
85 44.0 34.9 52.3
151 79.2 64.5 96.7

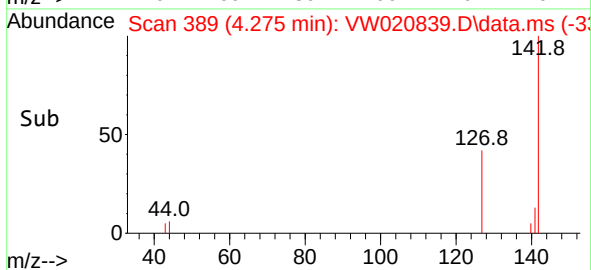
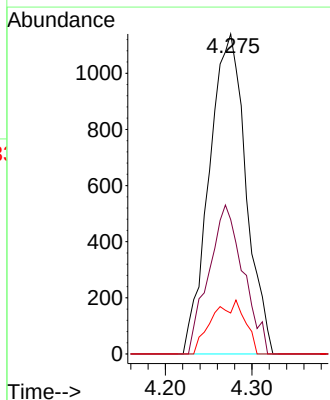
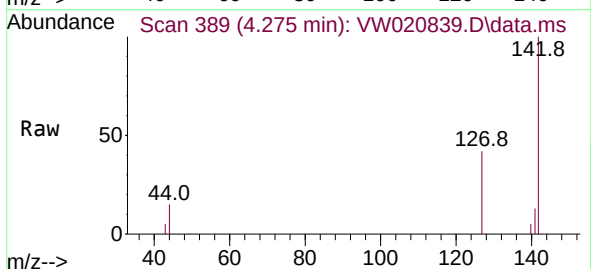
Manual Integrations
APPROVED

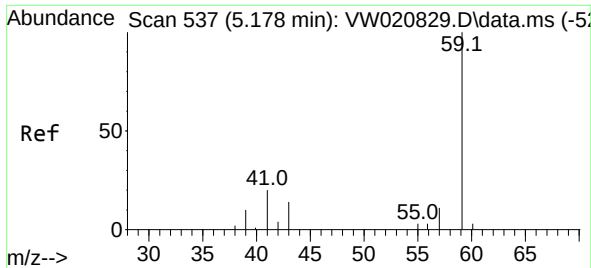
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 4.021 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

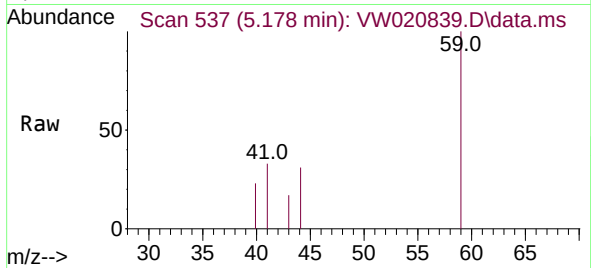
Tgt Ion:142 Resp: 3362
Ion Ratio Lower Upper
142 100
127 43.8 35.8 53.6
141 15.1 11.8 17.6





#11
Tert butyl alcohol
Concen: 20.974 ug/l
RT: 5.178 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

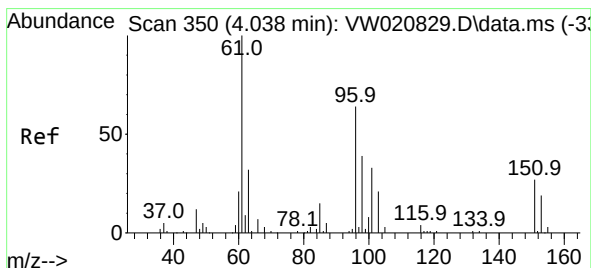
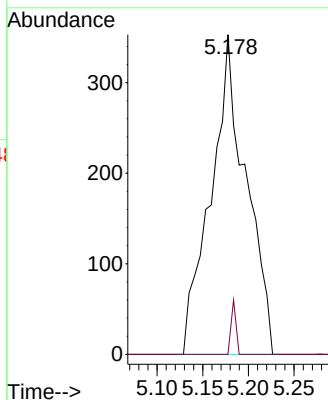
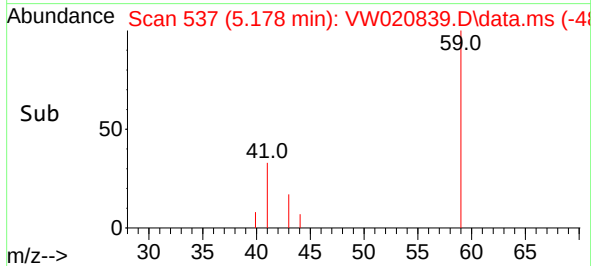
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



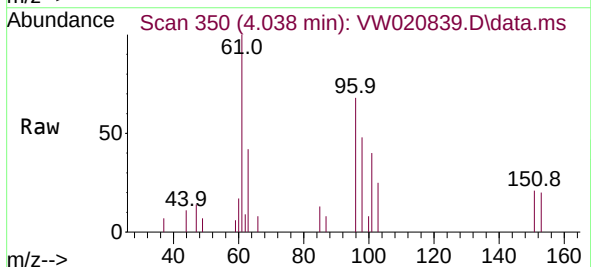
Tgt Ion: 59 Resp: 940
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2

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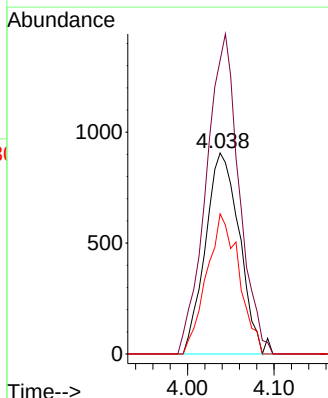
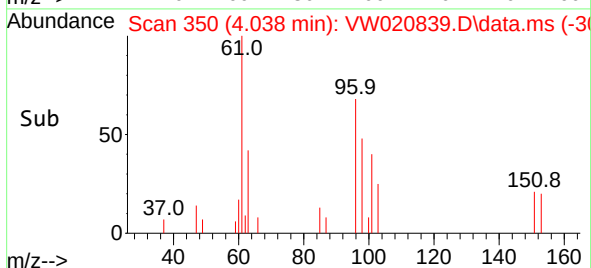
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

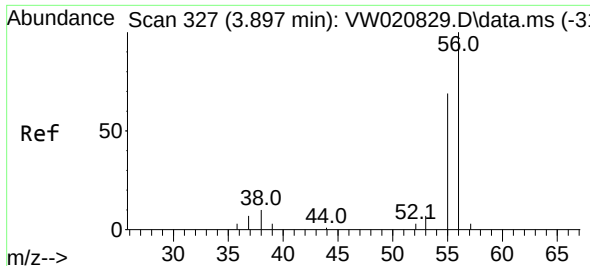


#12
1,1-Dichloroethene
Concen: 4.210 ug/l
RT: 4.038 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02



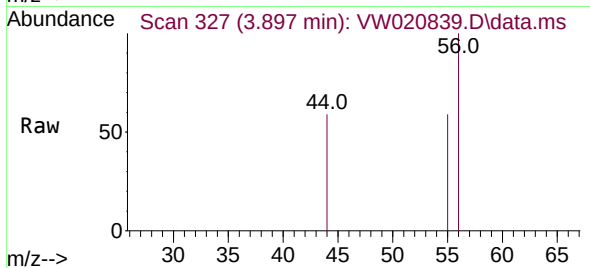
Tgt Ion: 96 Resp: 2481
Ion Ratio Lower Upper
96 100
61 146.1 131.0 196.6
98 69.8 47.8 71.6





#13
Acrolein
Concen: 16.541 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

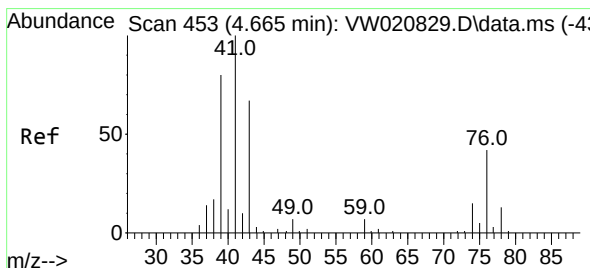
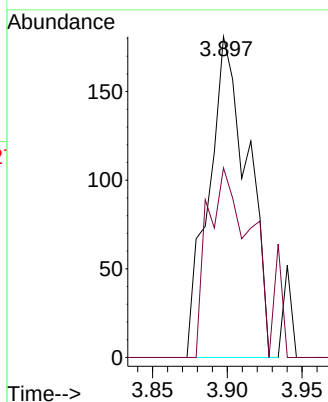
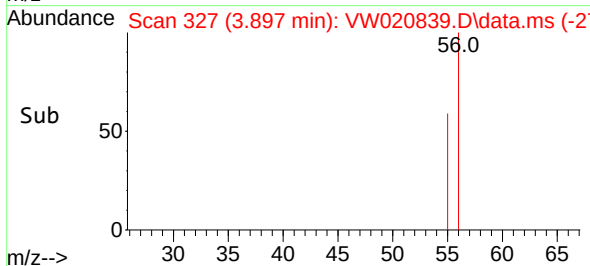
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



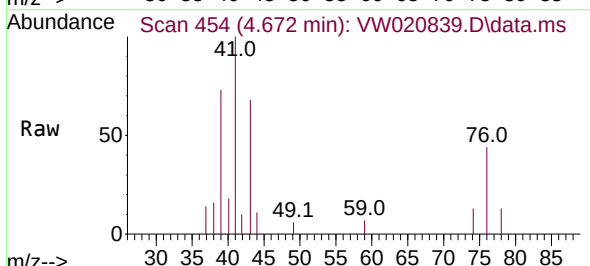
Tgt Ion: 56 Resp: 328
Ion Ratio Lower Upper
56 100
55 71.3 55.5 83.3

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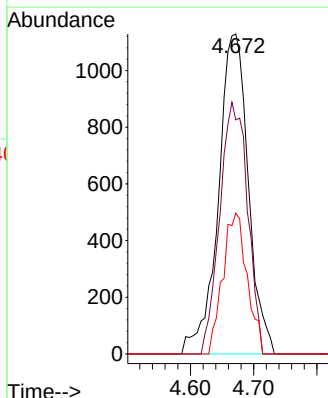
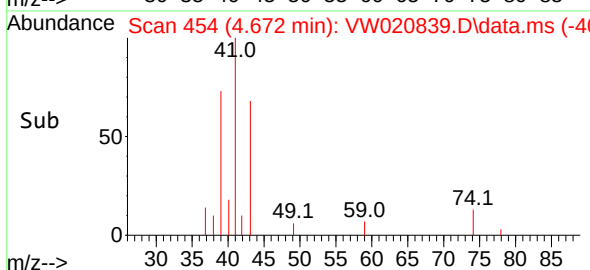
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

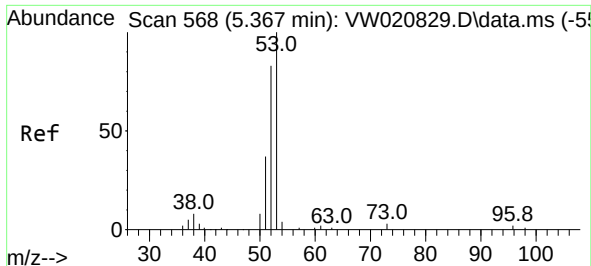


#14
Allyl chloride
Concen: 4.252 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.007 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02



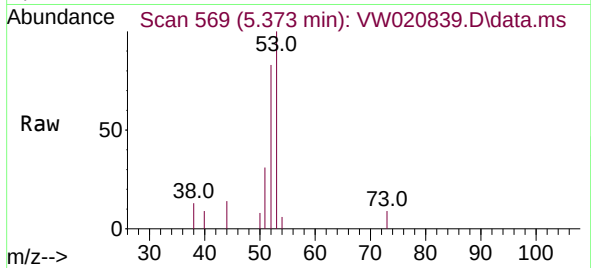
Tgt Ion: 41 Resp: 3711
Ion Ratio Lower Upper
41 100
39 72.7 57.1 85.7
76 35.7 27.1 40.7





#15
Acrylonitrile
Concen: 20.778 ug/l
RT: 5.373 min Scan# 50
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

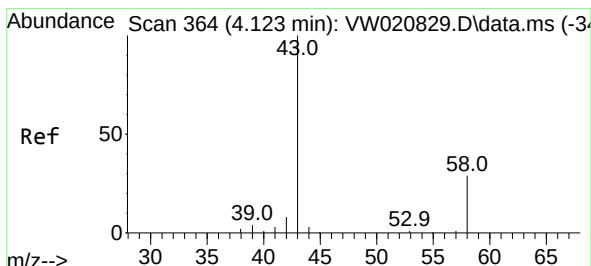
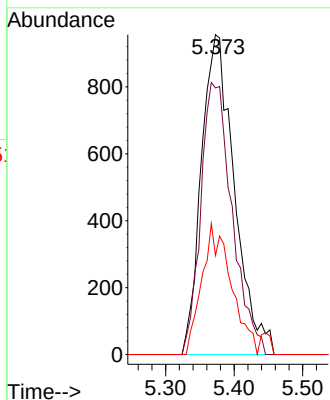
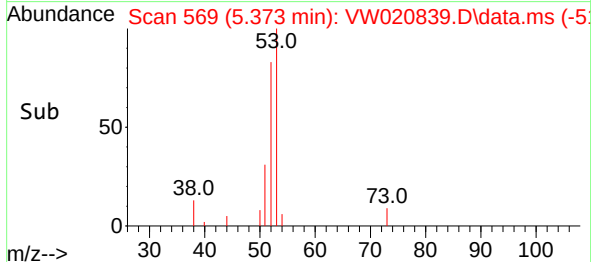
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 53 Resp: 320
Ion Ratio Lower Upper
53 100
52 80.7 66.8 100.2
51 36.4 30.1 45.1

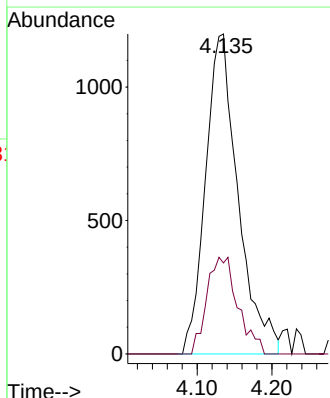
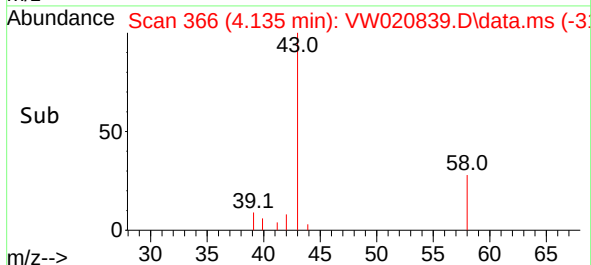
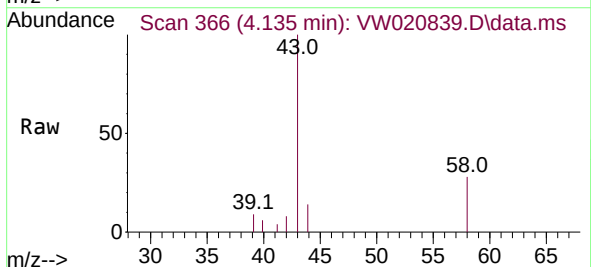
Manual Integrations
APPROVED

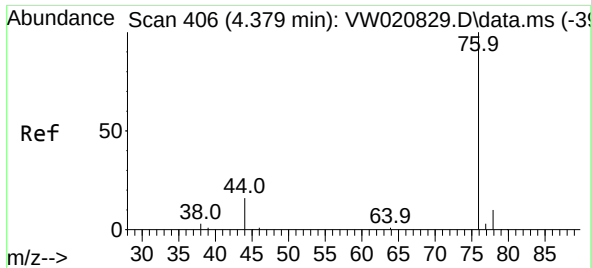
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 22.846 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

Tgt Ion: 43 Resp: 3638
Ion Ratio Lower Upper
43 100
58 28.4 24.2 36.2





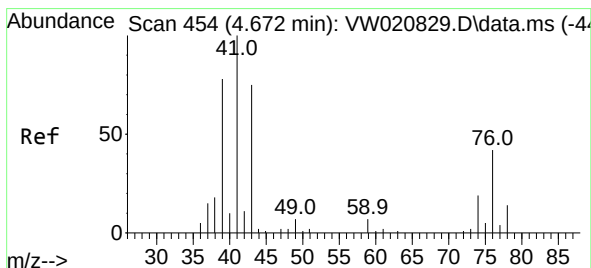
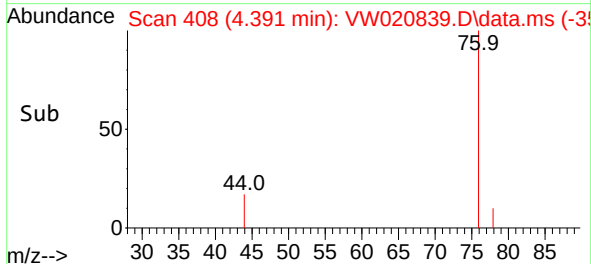
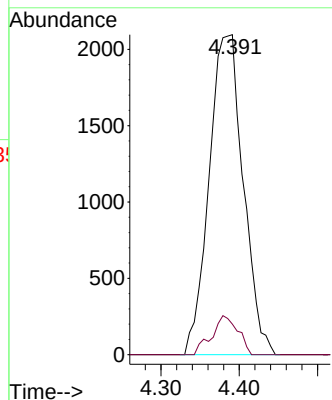
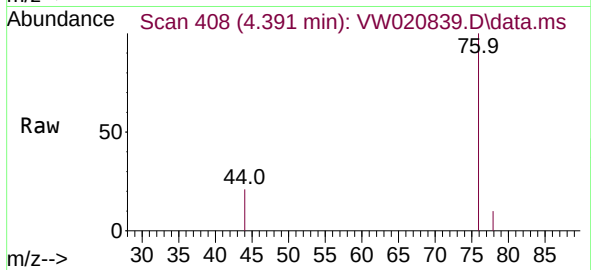
#17
Carbon Disulfide
Concen: 4.043 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.012 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

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

Tgt Ion: 76 Resp: 6349
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

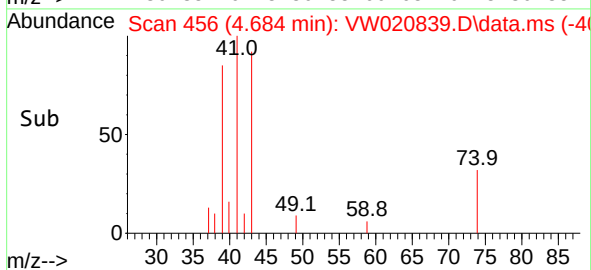
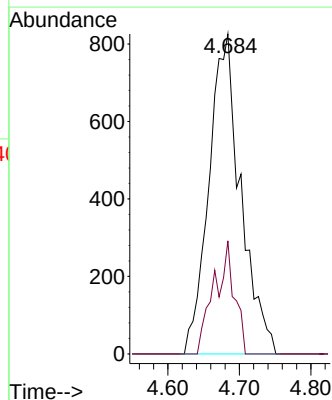
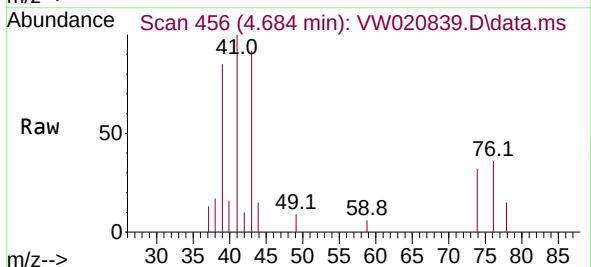
Manual Integrations
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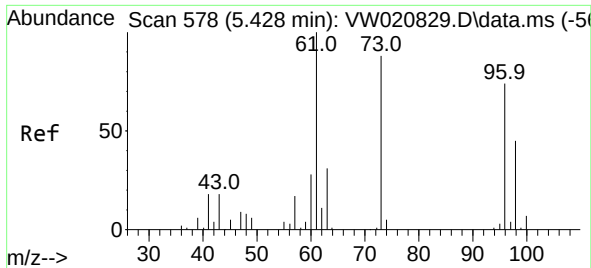
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#18
Methyl Acetate
Concen: 4.458 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

Tgt Ion: 43 Resp: 2544
Ion Ratio Lower Upper
43 100
74 22.5 18.7 28.1





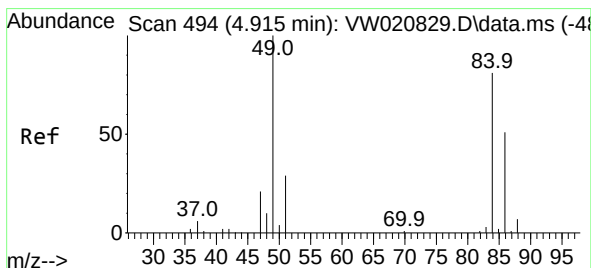
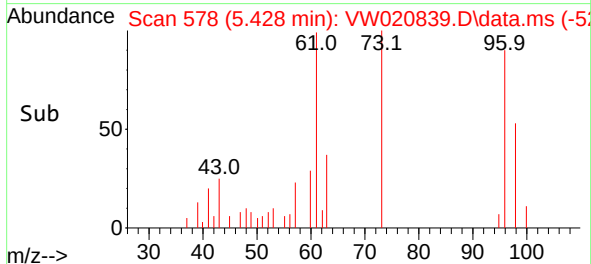
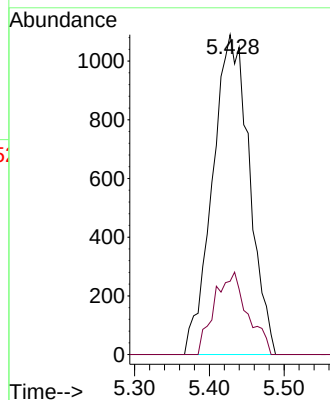
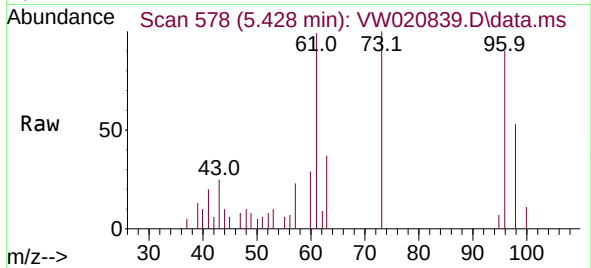
#19
Methyl tert-butyl Ether
Concen: 4.448 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

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

Tgt Ion: 73 Resp: 373
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.4

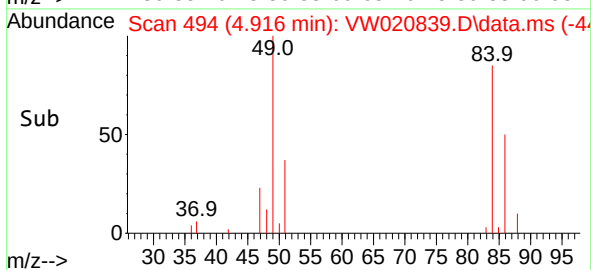
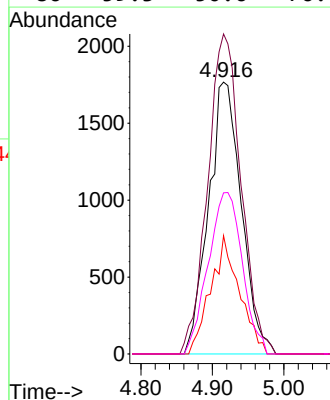
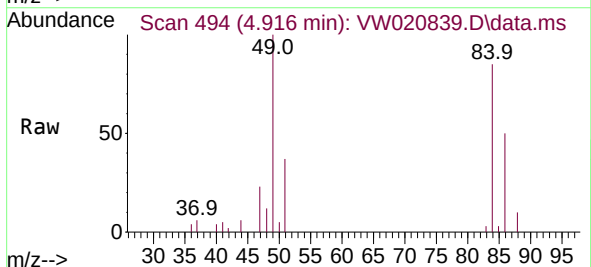
Manual Integrations
APPROVED

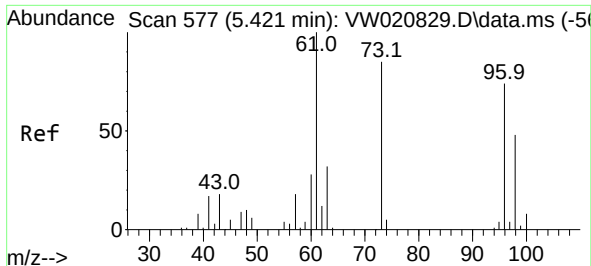
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#20
Methylene Chloride
Concen: 8.150 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.001 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

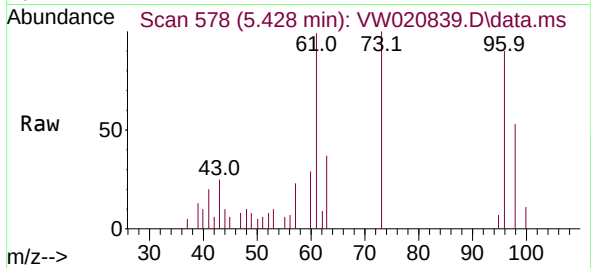
Tgt Ion: 84 Resp: 5643
Ion Ratio Lower Upper
84 100
49 117.7 100.0 150.0
51 43.5 30.8 46.2
86 59.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 4.264 ug/l
RT: 5.428 min Scan# 51
Delta R.T. 0.007 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

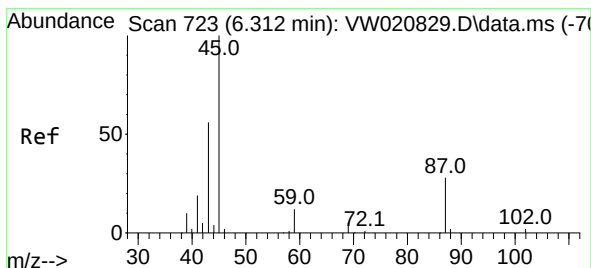
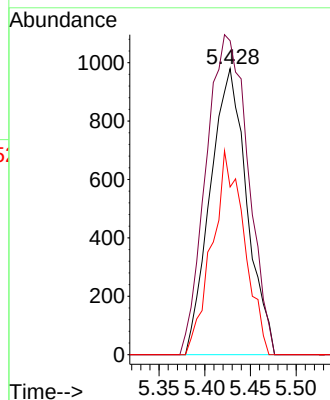
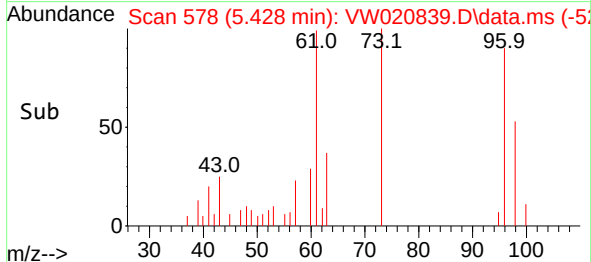
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 96 Resp: 272
Ion Ratio Lower Upper
96 100
61 109.7 113.5 170.3
98 58.6 48.6 72.8

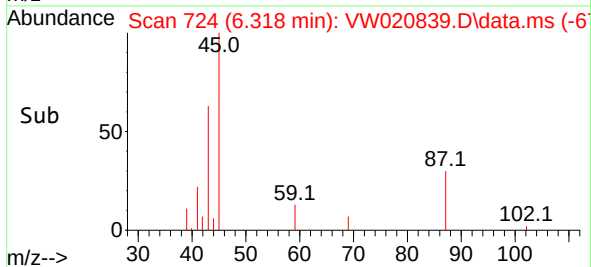
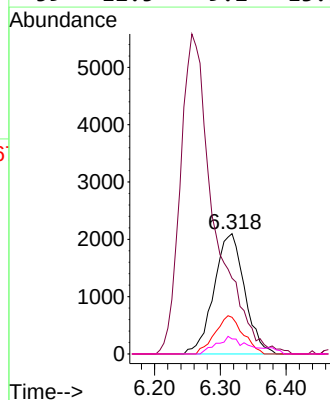
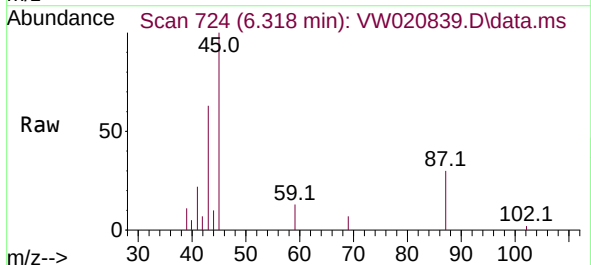
Manual Integrations
APPROVED

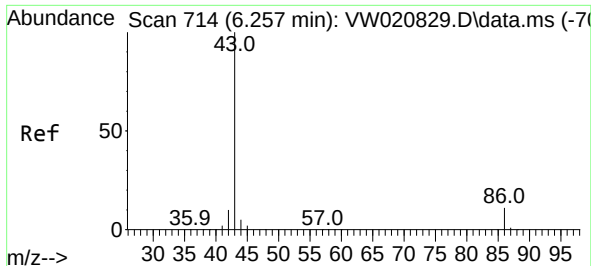
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
Diisopropyl ether
Concen: 4.132 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

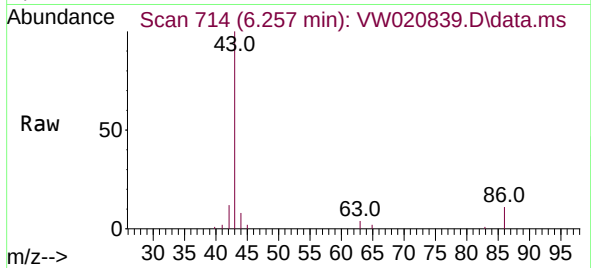
Tgt Ion: 45 Resp: 6771
Ion Ratio Lower Upper
45 100
43 58.8 45.1 67.7
87 30.5 21.2 31.8
59 12.5 9.2 13.8





#23
 Vinyl Acetate
 Concen: 19.651 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW020839.D
 Acq: 10 Nov 2021 18:02

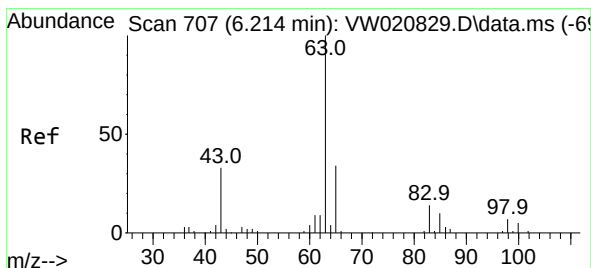
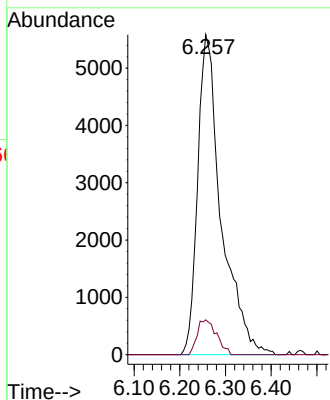
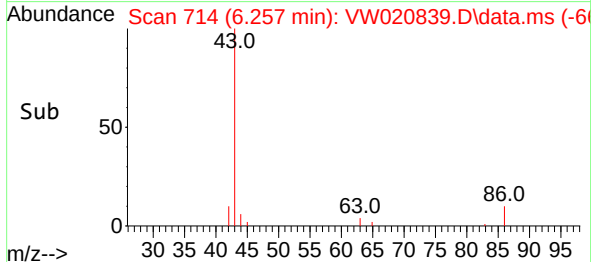
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021



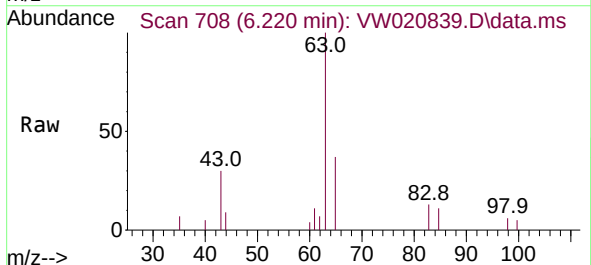
Tgt Ion: 43 Resp: 1996
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.5 12.7

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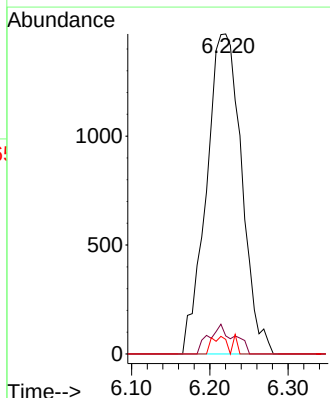
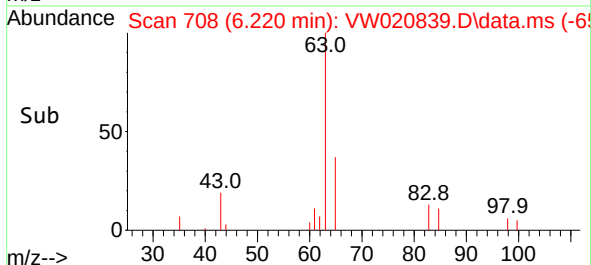
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

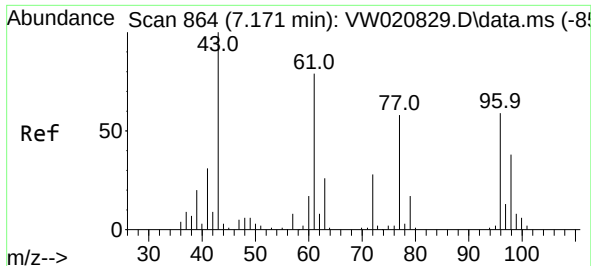


#24
 1,1-Dichloroethane
 Concen: 4.245 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VW020839.D
 Acq: 10 Nov 2021 18:02



Tgt Ion: 63 Resp: 4582
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.2 9.6
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 19.736 ug/l

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 43 Resp: 432

Ion Ratio Lower Upper

43 100

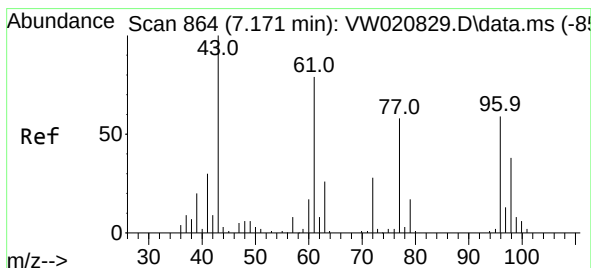
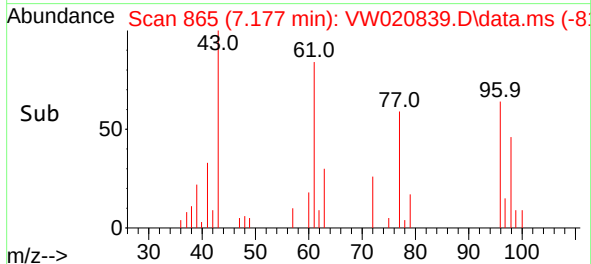
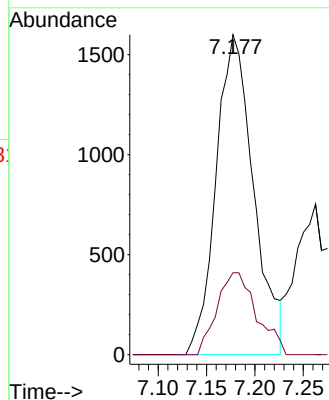
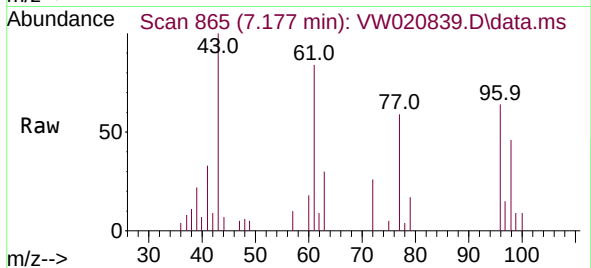
72 25.6 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 4.367 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020839.D

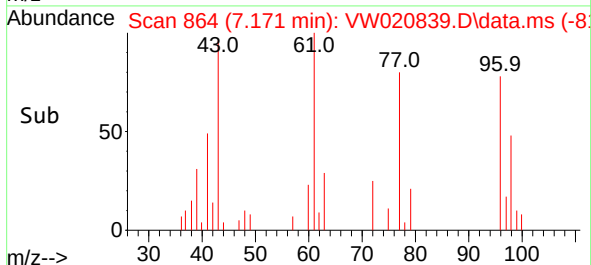
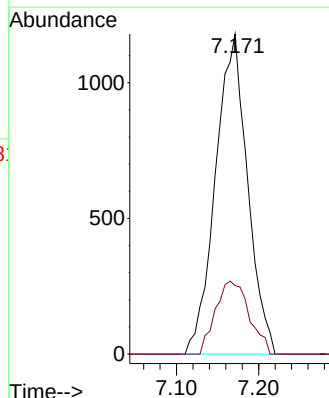
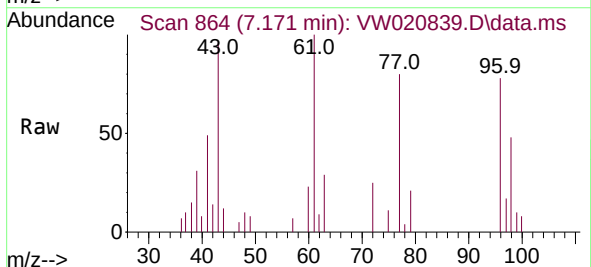
Acq: 10 Nov 2021 18:02

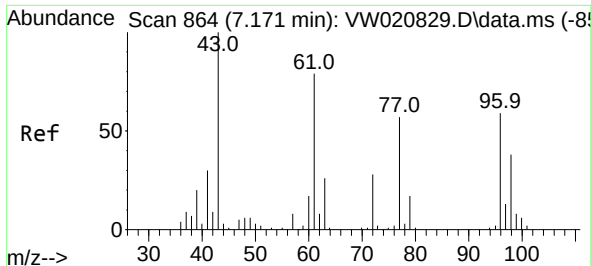
Tgt Ion: 77 Resp: 3199

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 4.288 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

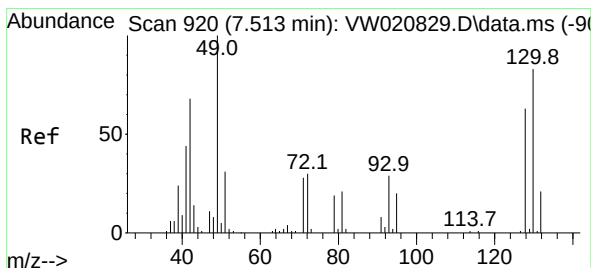
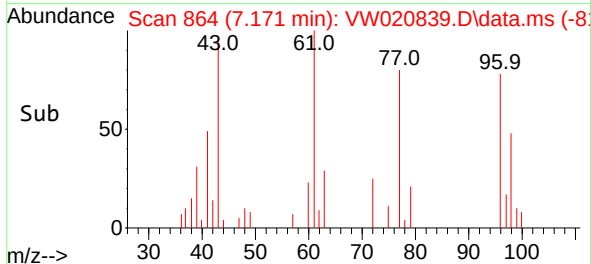
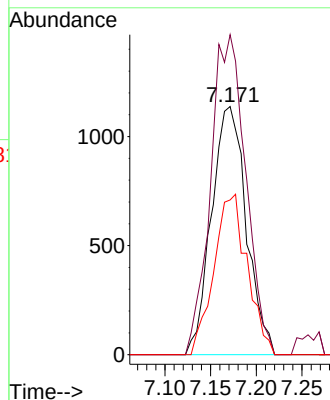
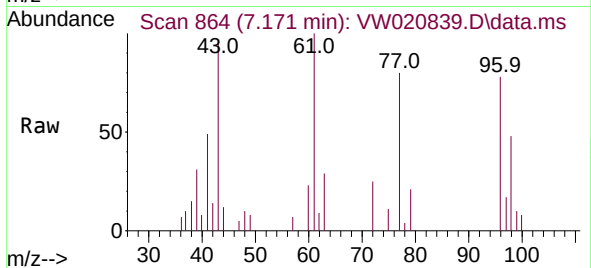
Tgt Ion: 96	Resp: 3014
Ion Ratio	Lower Upper
96 100	
61 130.2	0.0 298.0
98 61.9	0.0 129.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#28

Bromochloromethane

Concen: 3.760 ug/l

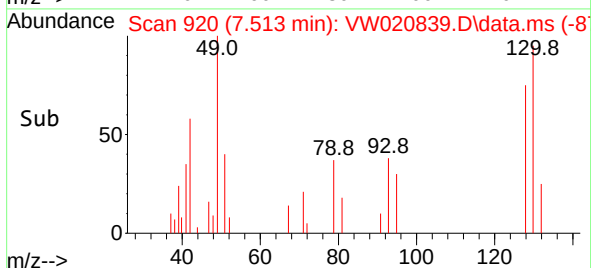
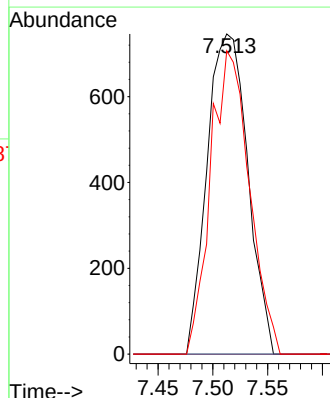
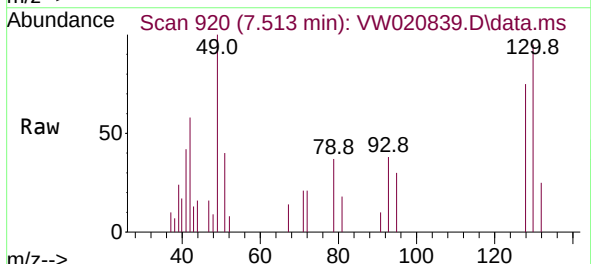
RT: 7.513 min Scan# 920

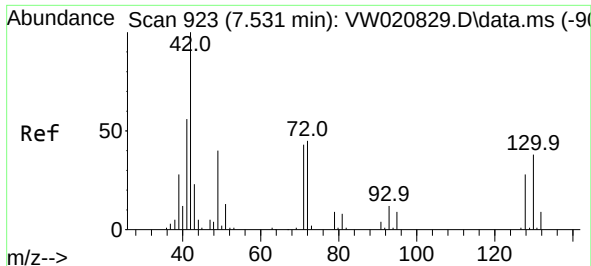
Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Tgt Ion: 49	Resp: 1924
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 0.0
130 90.1	63.0 94.6





#29

Tetrahydrofuran

Concen: 20.519 ug/l

RT: 7.531 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

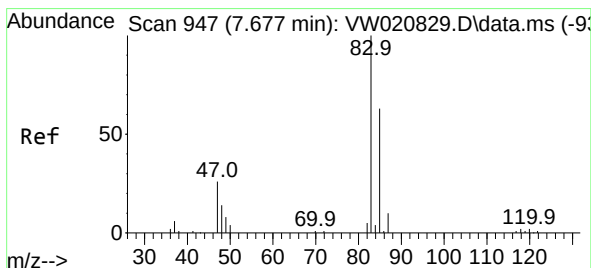
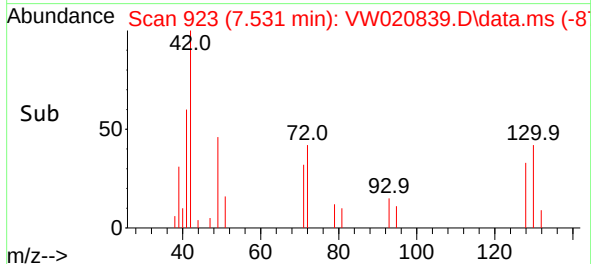
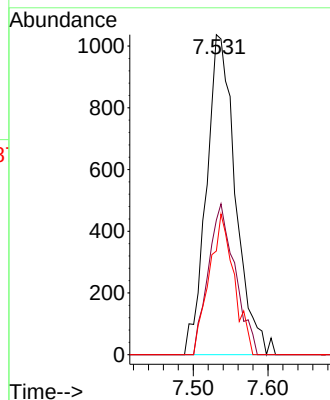
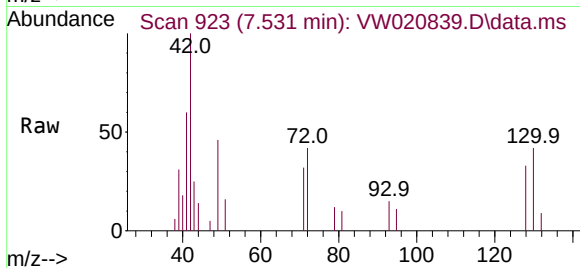
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 42	Resp: 280
Ion Ratio	Lower Upper
42 100	
72 43.3	35.0 52.6
71 37.4	32.2 48.4

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 4.204 ug/l

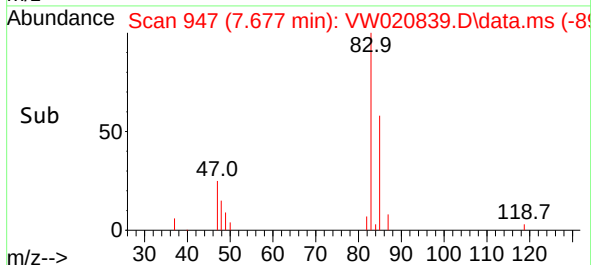
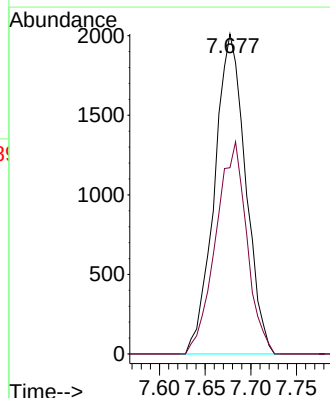
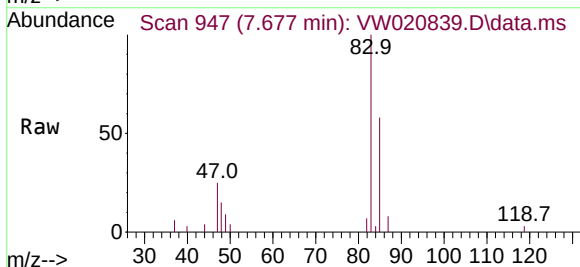
RT: 7.677 min Scan# 947

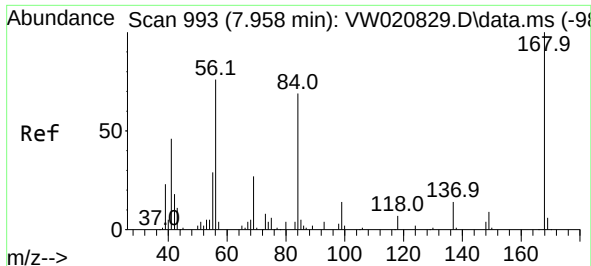
Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

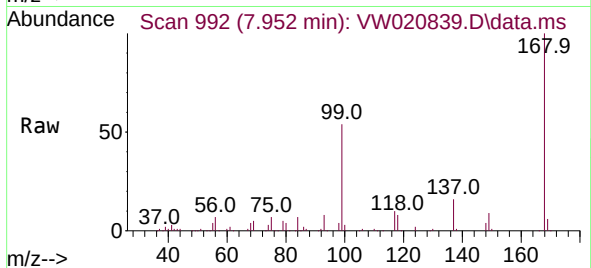
Tgt Ion: 83	Resp: 4782
Ion Ratio	Lower Upper
83 100	
85 58.2	52.9 79.3





#31
Cyclohexane
Concen: 5.234 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

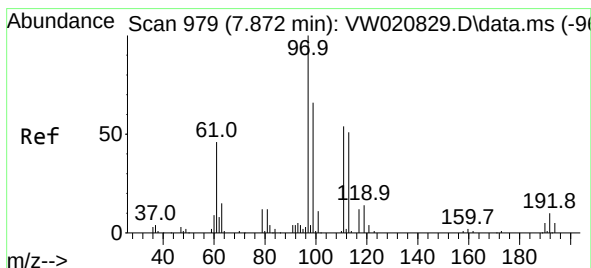
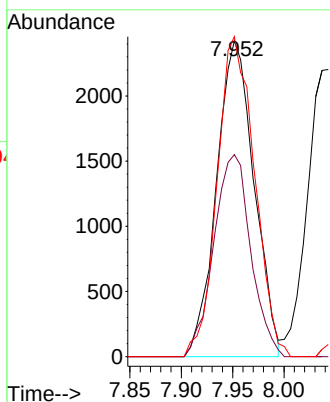
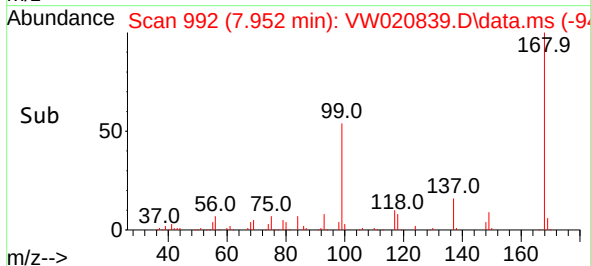
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 56 Resp: 6158
Ion Ratio Lower Upper
56 100
69 64.0 27.2 40.8
84 101.3 71.8 107.6

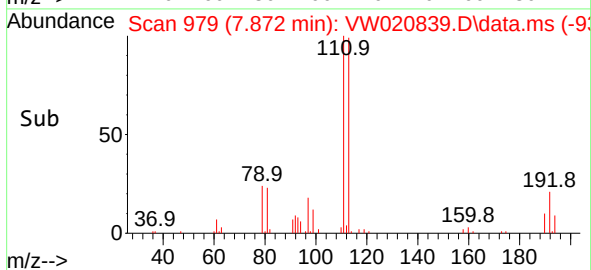
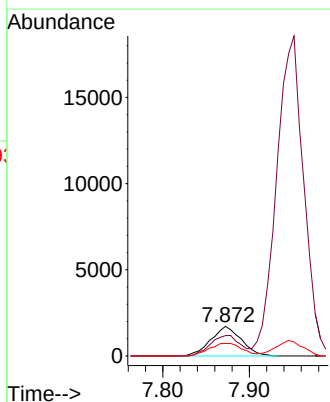
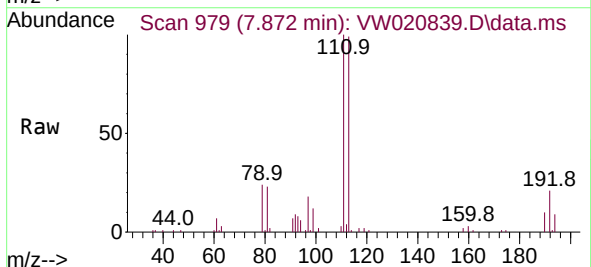
Manual Integrations
APPROVED

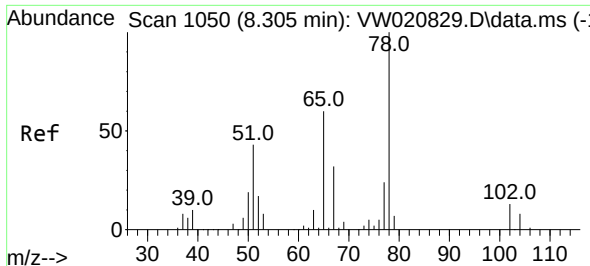
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#32
1,1,1-Trichloroethane
Concen: 4.123 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

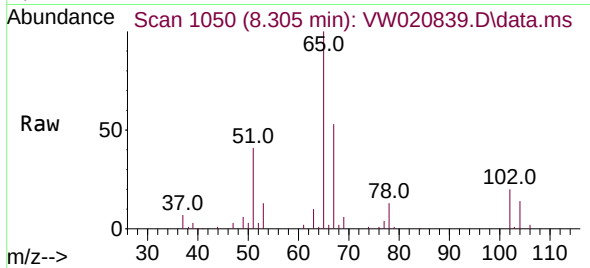
Tgt Ion: 97 Resp: 4167
Ion Ratio Lower Upper
97 100
99 66.9 50.6 75.8
61 46.2 36.6 55.0





#33
1,2-Dichloroethane-d4
Concen: 50.746 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

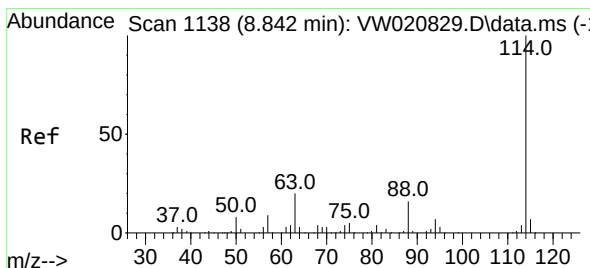
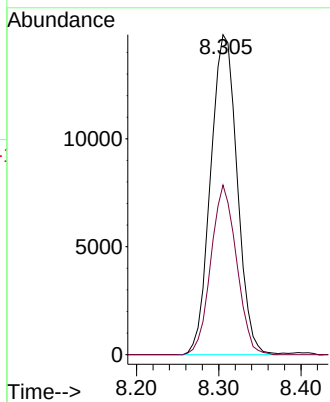
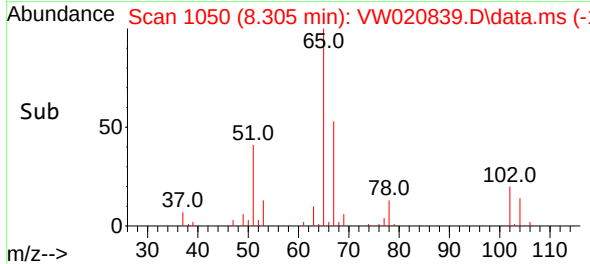
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



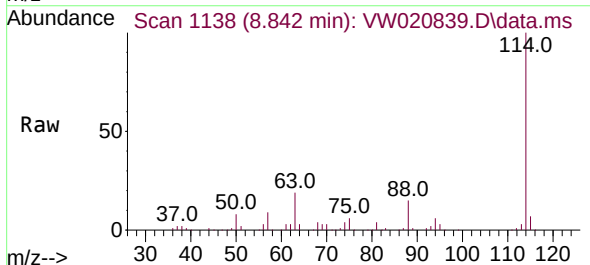
Tgt Ion: 65 Resp: 3328
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2

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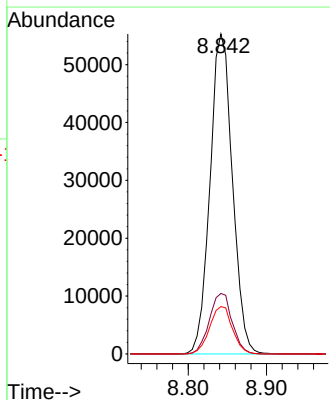
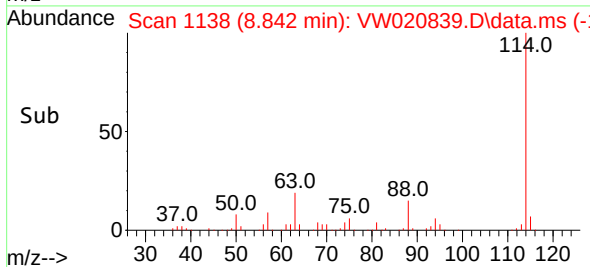
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

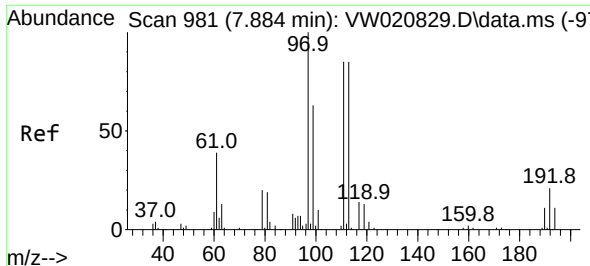


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02



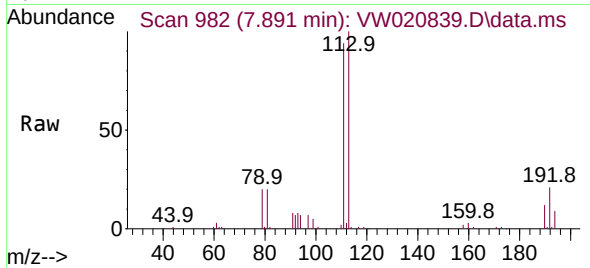
Tgt Ion:114 Resp: 109931
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.8
88 14.8 0.0 33.0





#35
Dibromofluoromethane
Concen: 53.604 ug/l
RT: 7.891 min Scan# 981
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

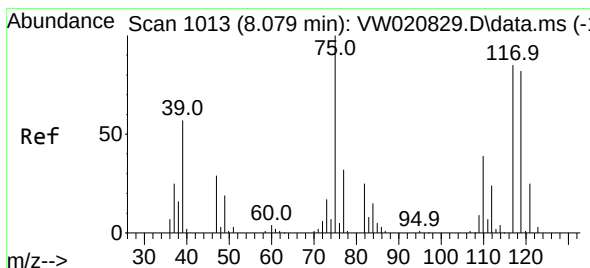
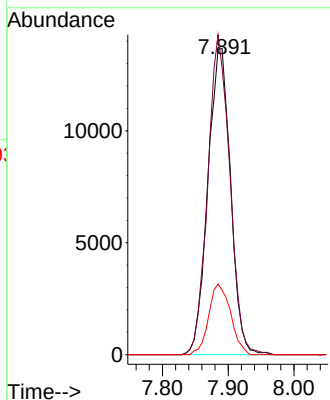
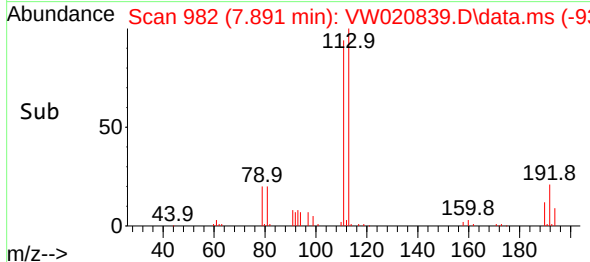
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 113 Resp: 32944
Ion Ratio Lower Upper
113 100
111 101.2 82.1 123.1
192 22.2 17.8 26.8

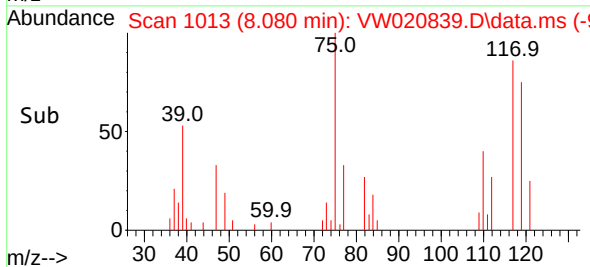
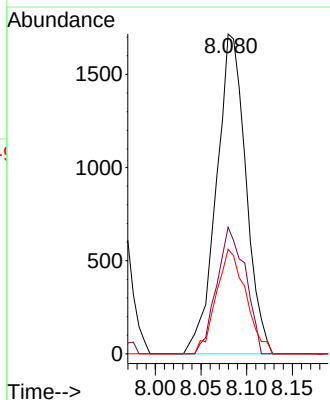
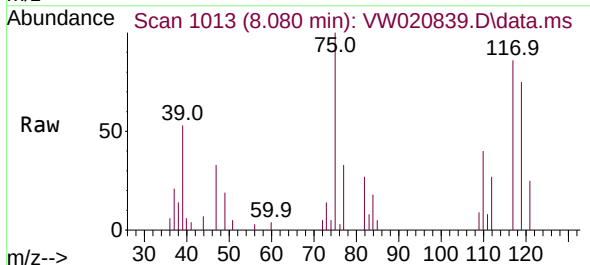
Manual Integrations
APPROVED

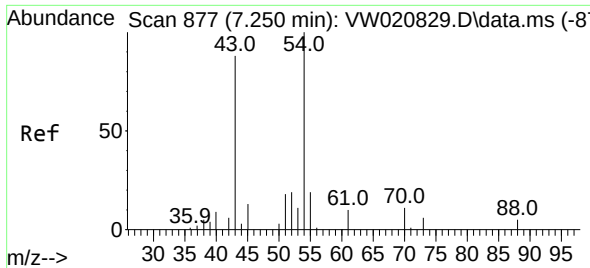
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36
1,1-Dichloropropene
Concen: 4.237 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

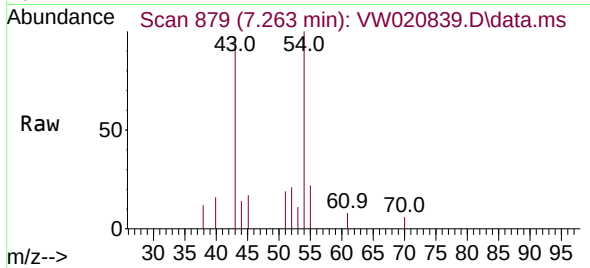
Tgt Ion: 75 Resp: 3850
Ion Ratio Lower Upper
75 100
110 38.4 17.1 51.3
77 32.9 24.9 37.3





#37
Ethyl Acetate
Concen: 4.500 ug/l
RT: 7.263 min Scan# 81
Delta R.T. 0.012 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

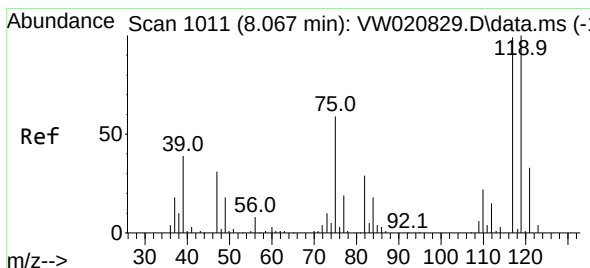
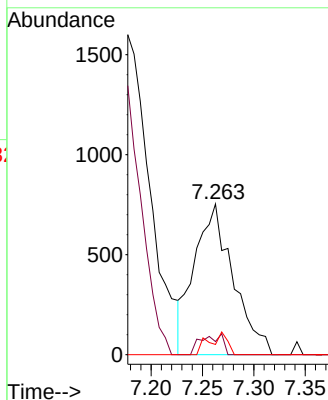
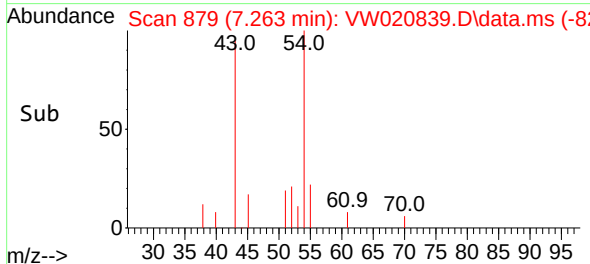
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 43 Resp: 1974
Ion Ratio Lower Upper
43 100
61 7.6 10.3 15.5
70 7.0 8.8 13.2

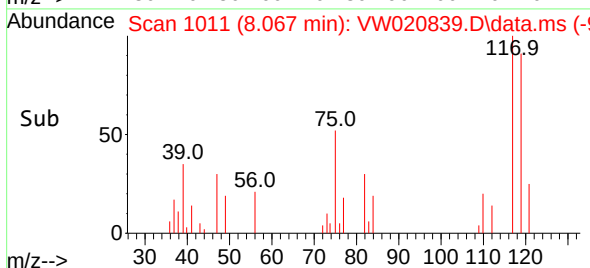
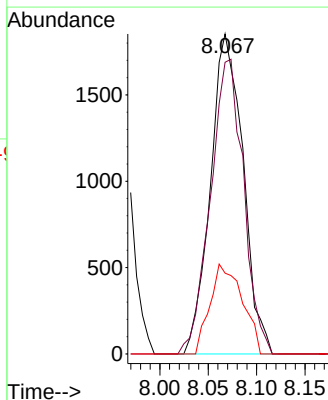
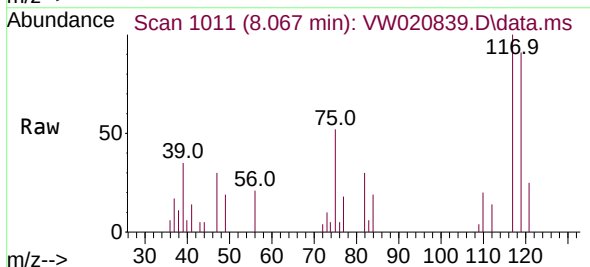
Manual Integrations
APPROVED

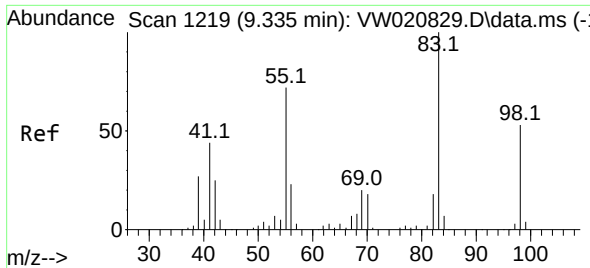
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 4.566 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

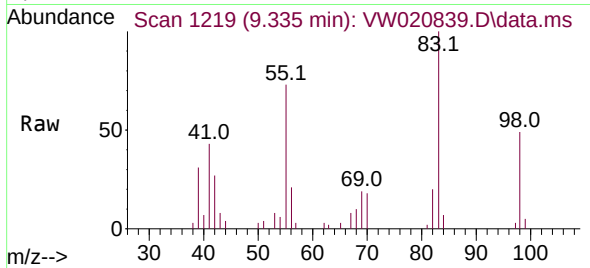
Tgt Ion:117 Resp: 4346
Ion Ratio Lower Upper
117 100
119 91.1 72.9 109.3
121 25.3 23.4 35.0





#39
Methylcyclohexane
Concen: 4.506 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

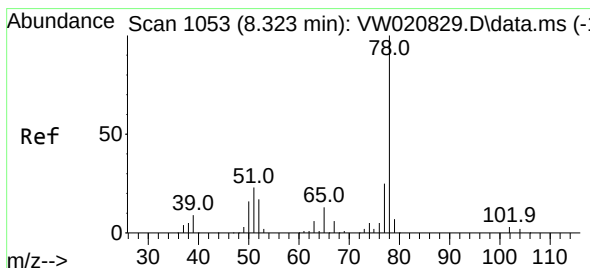
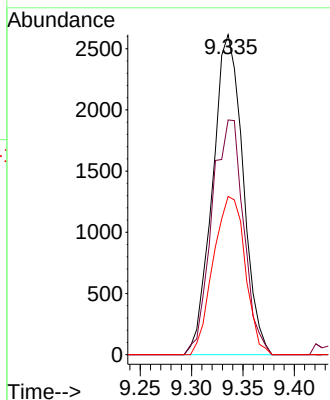
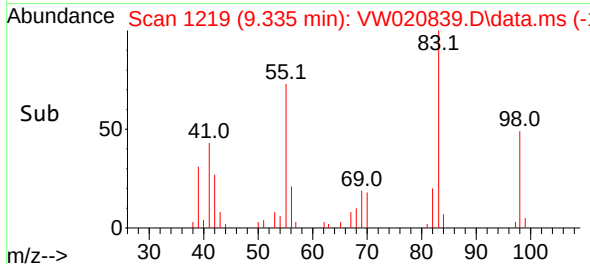
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 83 Resp: 5372
Ion Ratio Lower Upper
83 100
55 73.3 62.6 94.0
98 49.5 38.8 58.2

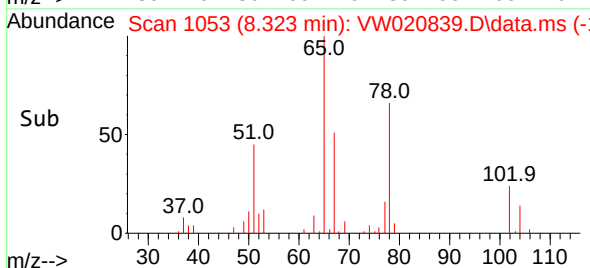
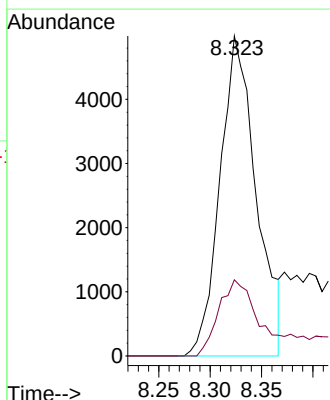
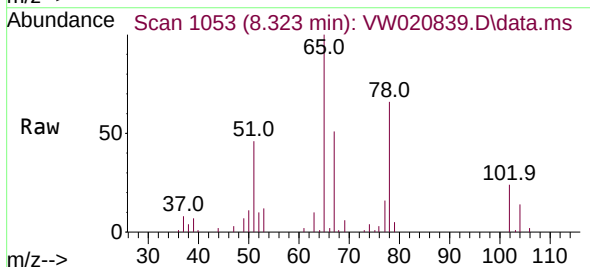
Manual Integrations
APPROVED

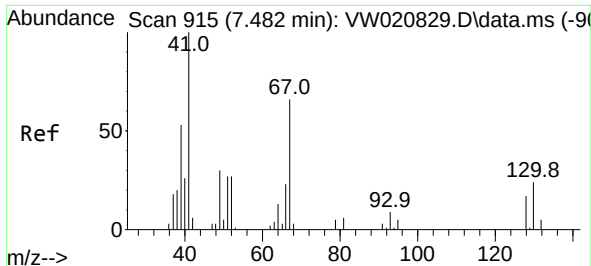
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40
Benzene
Concen: 5.040 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

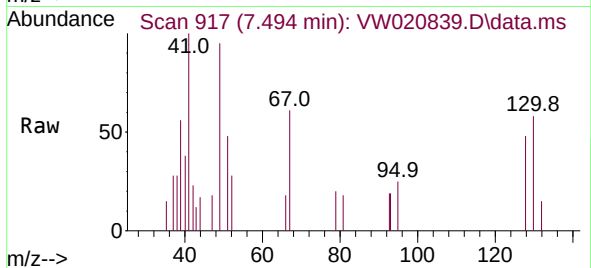
Tgt Ion: 78 Resp: 12257
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 4.203 ug/l
RT: 7.494 min Scan# 915
Delta R.T. 0.012 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

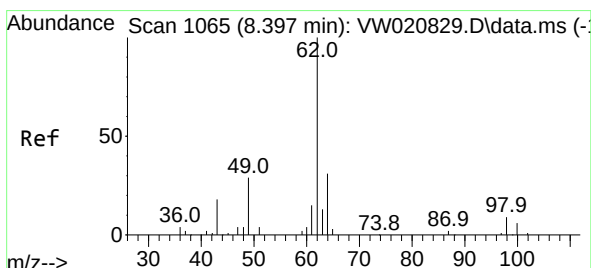
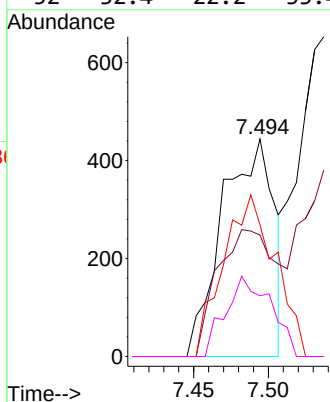
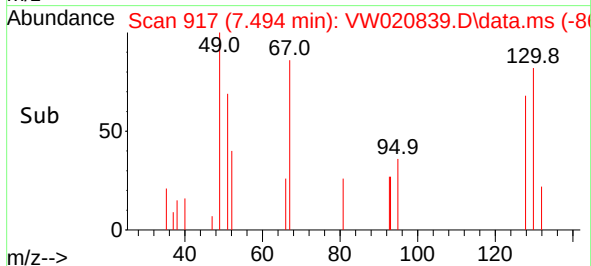
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 41 Resp: 1064
Ion Ratio Lower Upper
41 100
39 69.0 44.3 66.5
67 74.4 50.9 76.3
52 32.4 22.2 33.4

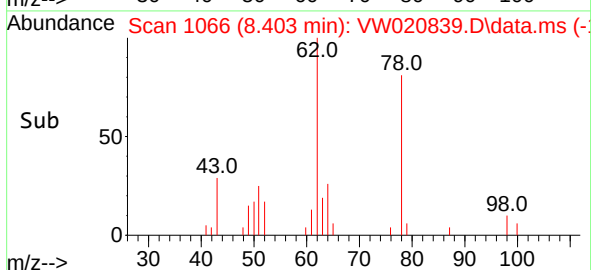
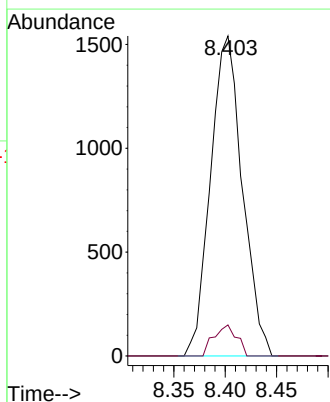
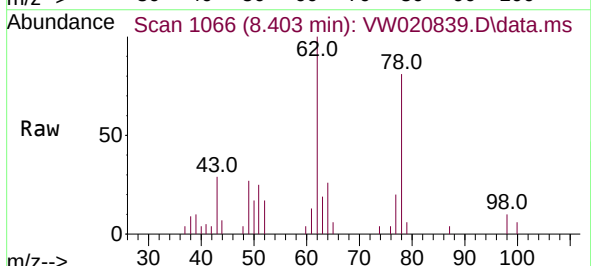
Manual Integrations
APPROVED

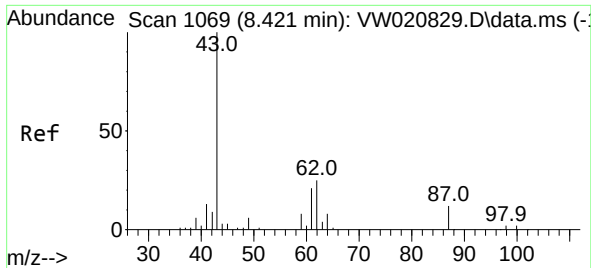
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 4.645 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

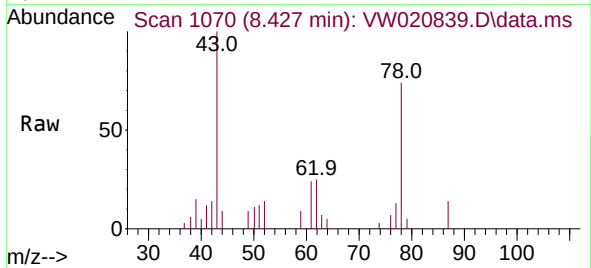
Tgt Ion: 62 Resp: 3325
Ion Ratio Lower Upper
62 100
98 7.0 0.0 17.8





#43
Isopropyl Acetate
Concen: 4.156 ug/l
RT: 8.427 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

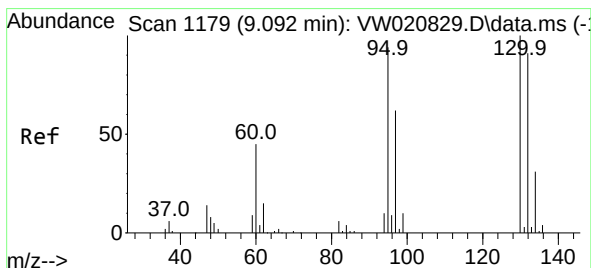
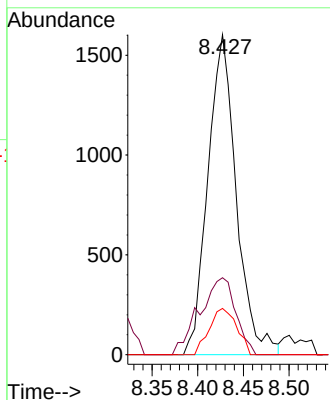
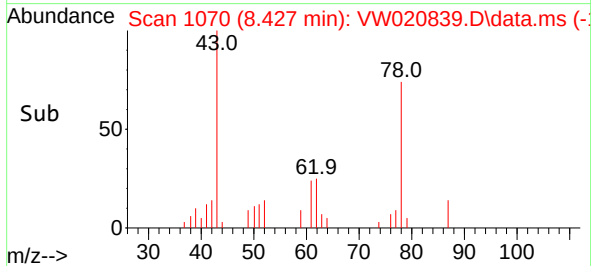
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 43 Resp: 346
Ion Ratio Lower Upper
43 100
61 30.6 23.3 34.9
87 14.0 10.4 15.6

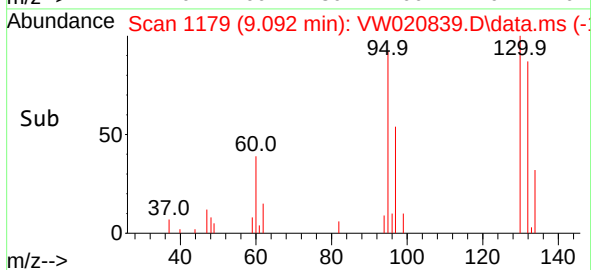
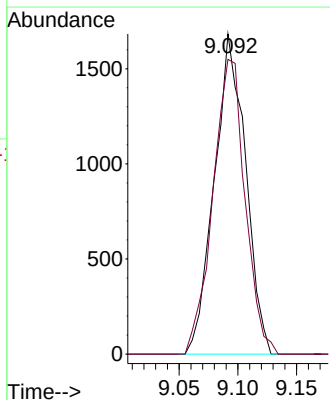
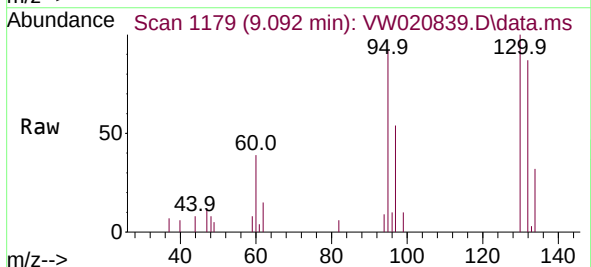
Manual Integrations
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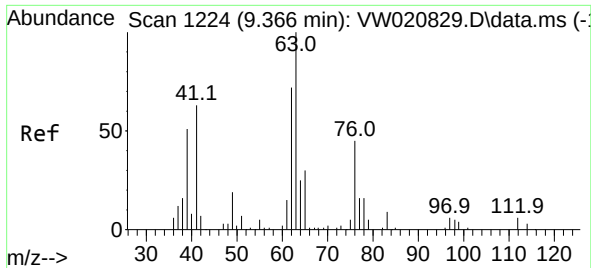
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 4.299 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

Tgt Ion:130 Resp: 3112
Ion Ratio Lower Upper
130 100
95 92.0 0.0 189.2





#45

1,2-Dichloropropane

Concen: 4.223 ug/l

RT: 9.372 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 63 Resp: 233

Ion Ratio Lower Upper

63 100

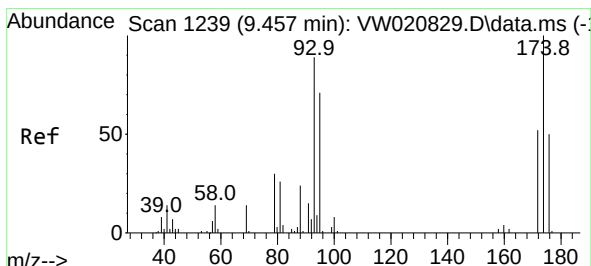
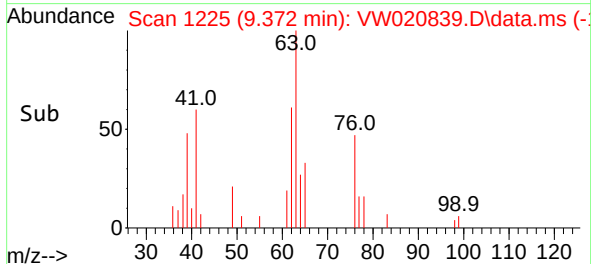
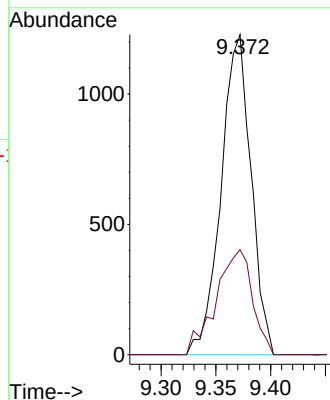
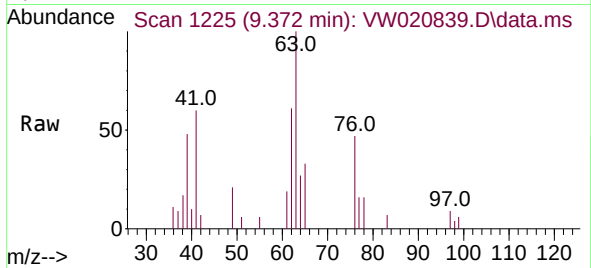
65 32.8 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 4.490 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

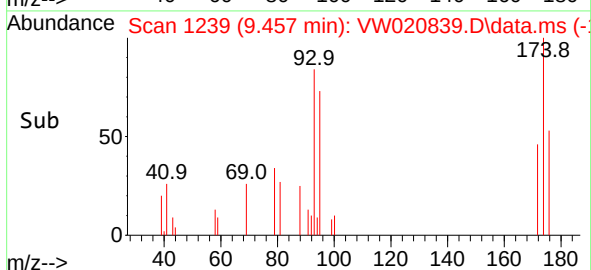
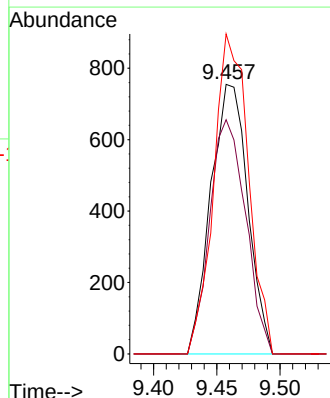
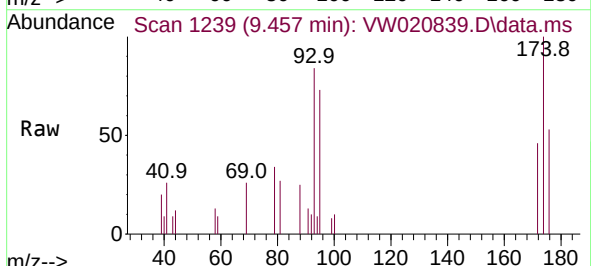
Tgt Ion: 93 Resp: 1534

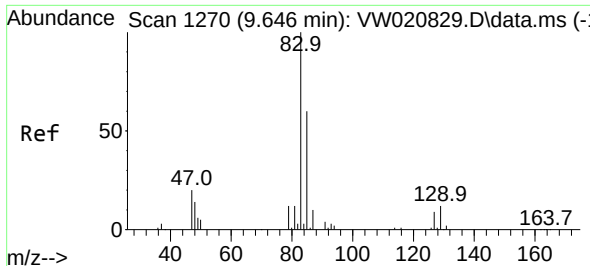
Ion Ratio Lower Upper

93 100

95 84.3 67.0 100.4

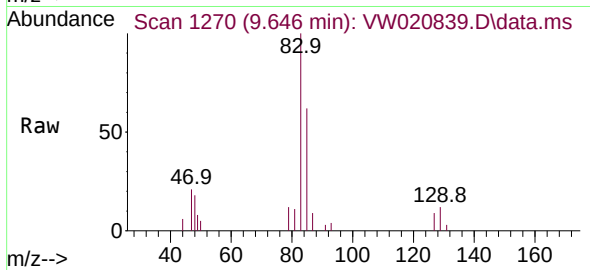
174 111.2 88.9 133.3





#47
Bromodichloromethane
Concen: 4.169 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

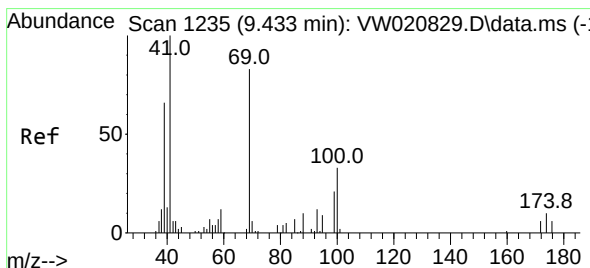
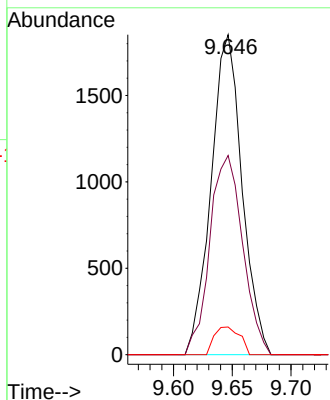
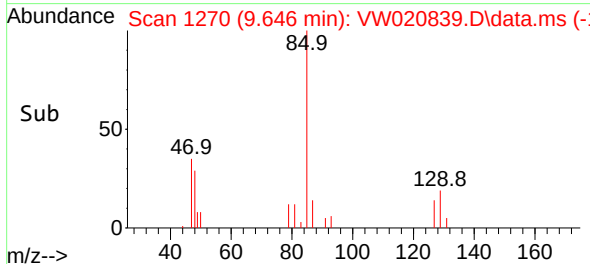
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 83 Resp: 3404
Ion Ratio Lower Upper
83 100
85 62.3 51.0 76.6
127 8.6 7.0 10.4

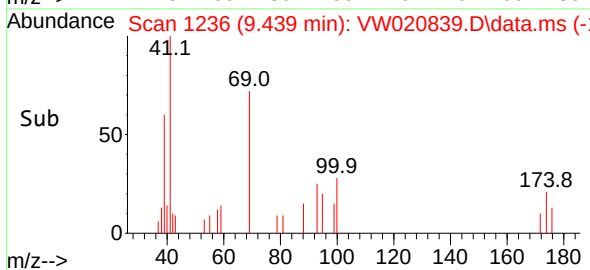
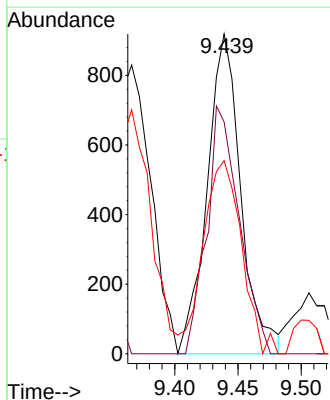
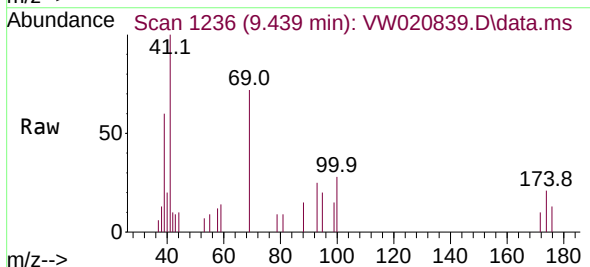
Manual Integrations
APPROVED

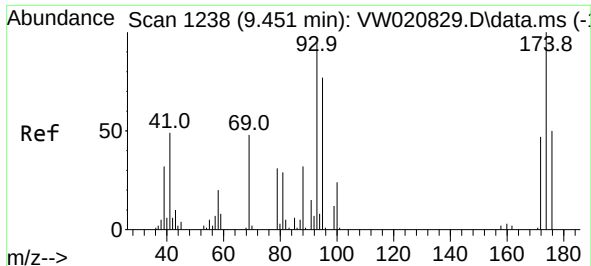
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 4.277 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

Tgt Ion: 41 Resp: 1703
Ion Ratio Lower Upper
41 100
69 74.9 67.2 100.8
39 68.7 47.0 70.6





#49

1,4-Dioxane

Concen: 79.869 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VW020839.D

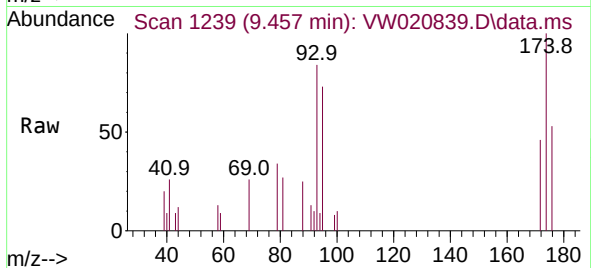
Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

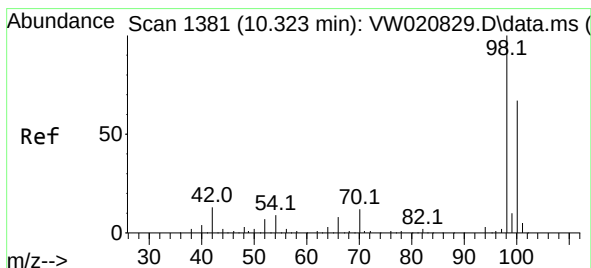
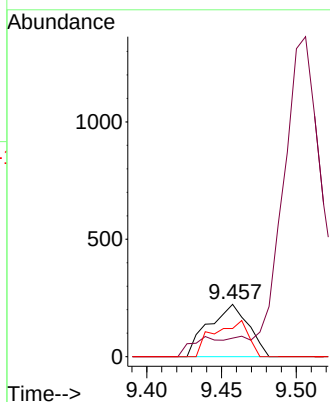


Tgt Ion: 88	Resp: 41
Ion Ratio	Lower Upper
88 100	
43 0.0	28.8 43.2
58 59.1	59.6 89.4

Manual Integrations

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



#50

Toluene-d8

Concen: 52.860 ug/l

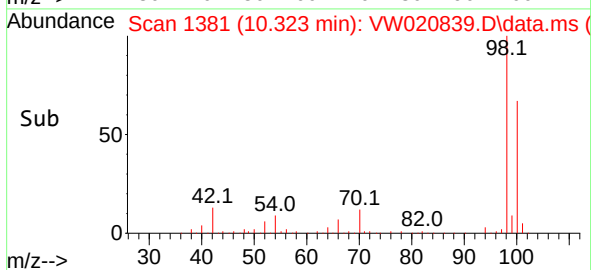
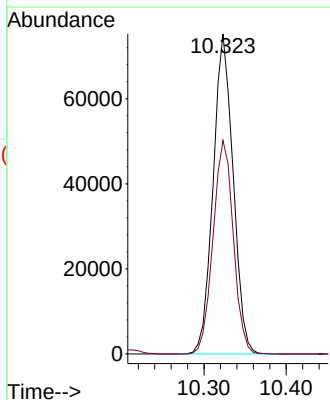
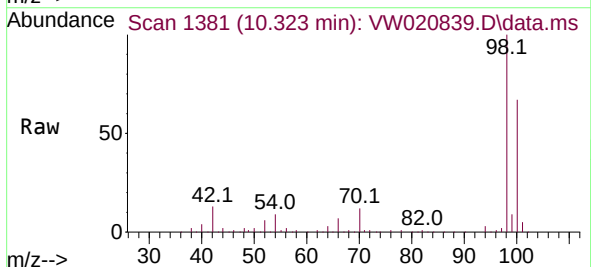
RT: 10.323 min Scan# 1381

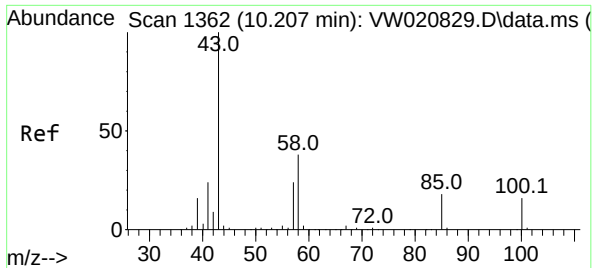
Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Tgt Ion: 98	Resp: 127103
Ion Ratio	Lower Upper
98 100	
100 67.6	53.2 79.8





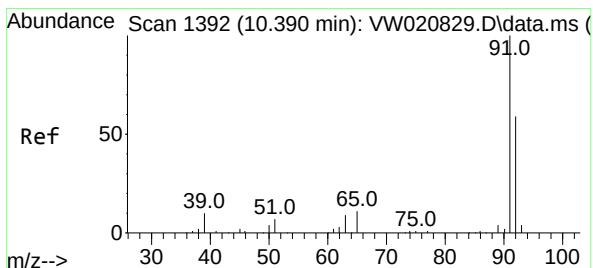
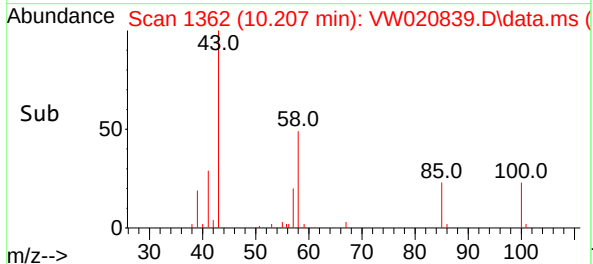
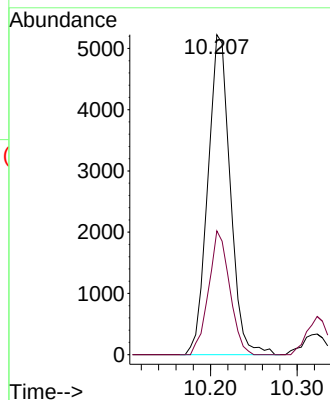
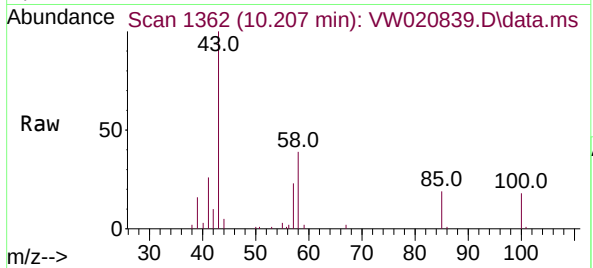
#51
4-Methyl-2-Pentanone
Concen: 21.168 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

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

Tgt Ion: 43 Resp: 9370
Ion Ratio Lower Upper
43 100
58 36.4 30.6 46.0

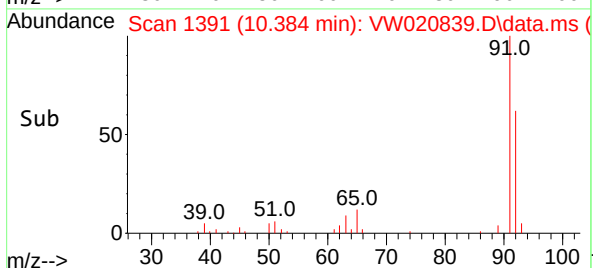
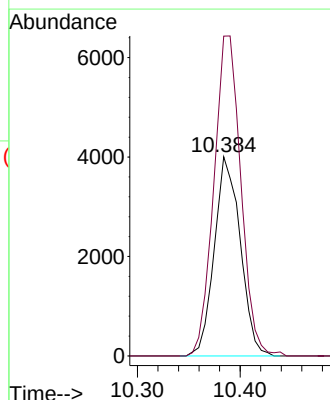
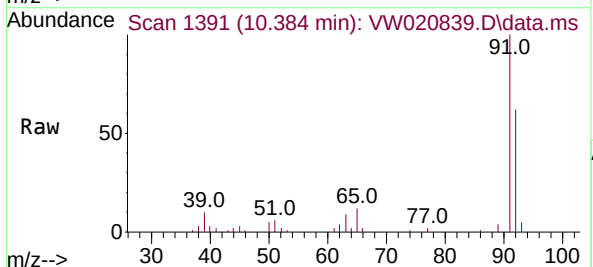
Manual Integrations
APPROVED

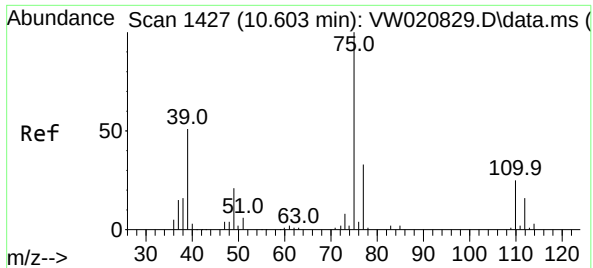
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 4.405 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

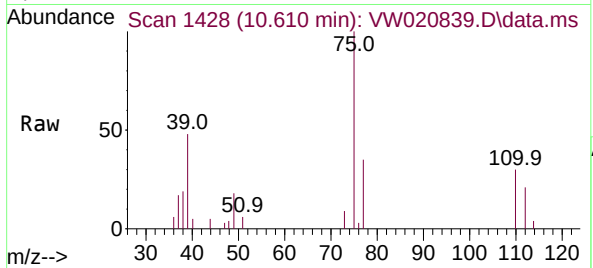
Tgt Ion: 92 Resp: 7018
Ion Ratio Lower Upper
92 100
91 167.3 136.6 204.8





#53
t-1,3-Dichloropropene
Concen: 3.913 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

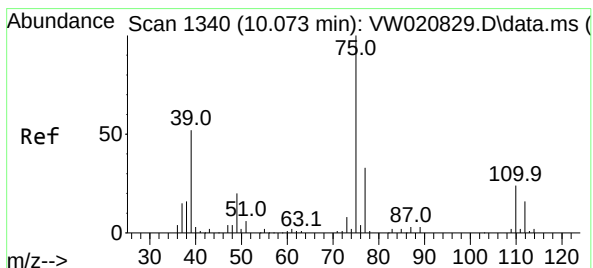
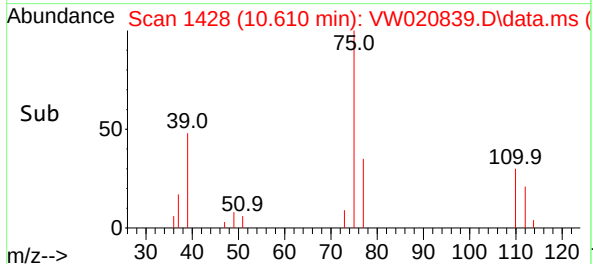
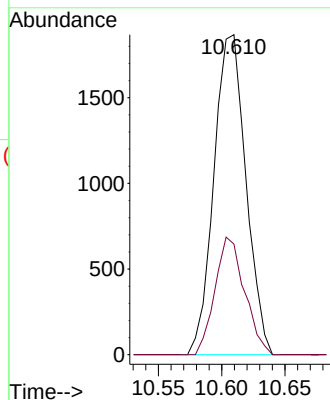
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 75 Resp: 328
Ion Ratio Lower Upper
75 100
77 34.5 24.6 37.0

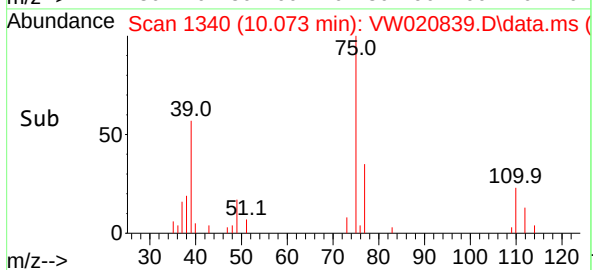
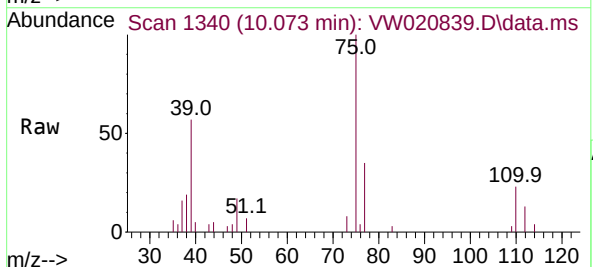
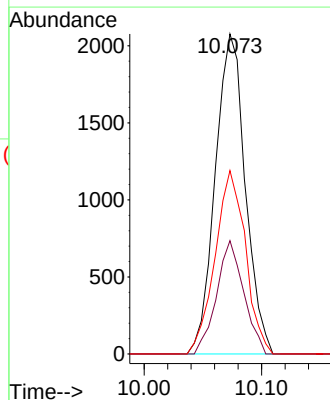
Manual Integrations
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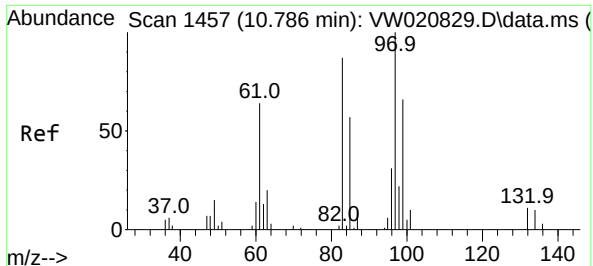
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 3.949 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

Tgt Ion: 75 Resp: 3691
Ion Ratio Lower Upper
75 100
77 35.4 23.8 35.8
39 57.3 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 4.586 ug/l

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020839.D

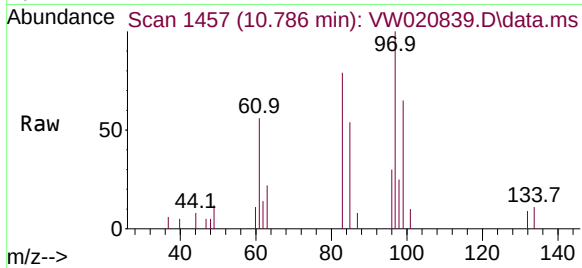
Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 97 Resp: 2080

Ion Ratio Lower Upper

97 100

83 78.5 69.0 103.4

85 54.4 44.3 66.5

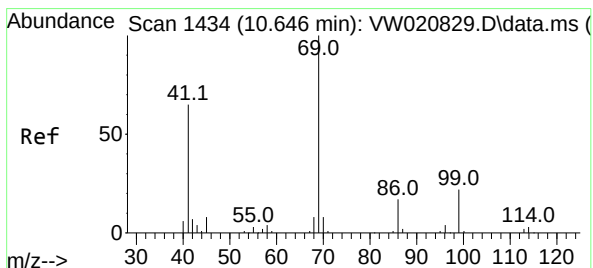
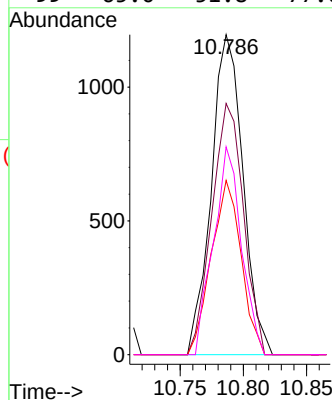
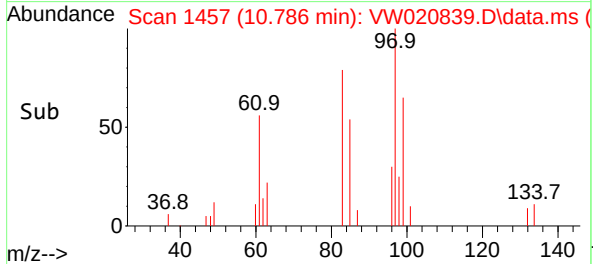
99 65.0 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#56

Ethyl methacrylate

Concen: 4.042 ug/l

RT: 10.646 min Scan# 1434

Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

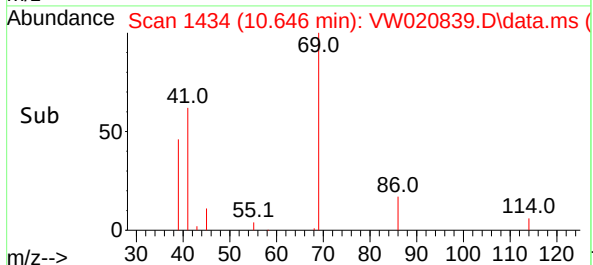
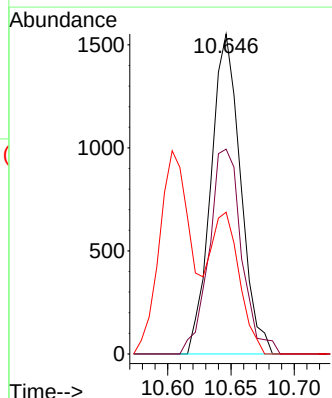
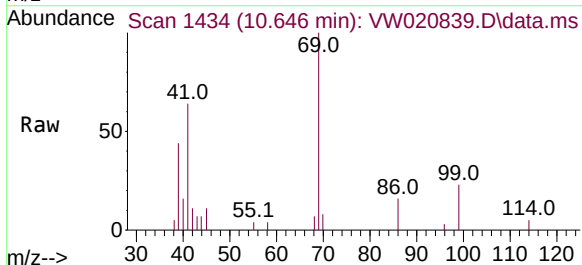
Tgt Ion: 69 Resp: 2530

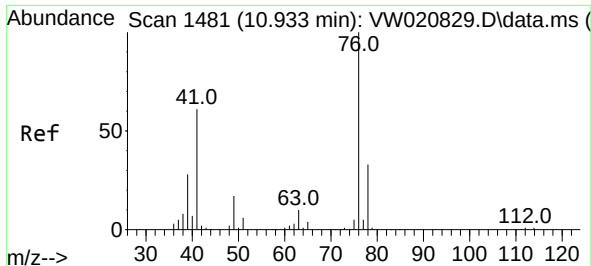
Ion Ratio Lower Upper

69 100

41 70.0 56.6 85.0

39 42.1 29.6 44.4





#57

1,3-Dichloropropane

Concen: 4.330 ug/l

RT: 10.933 min Scan# 1481

Delta R.T. 0.000 min

Lab File: VW020839.D

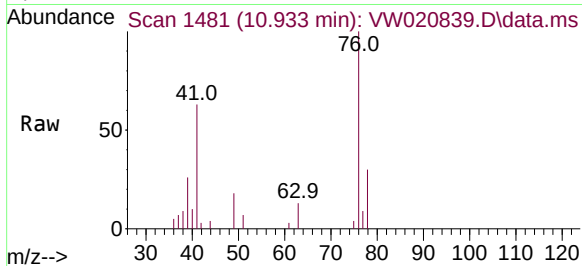
Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

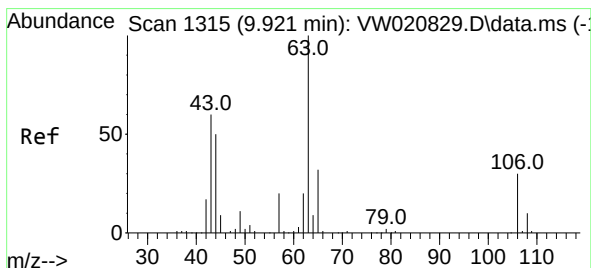
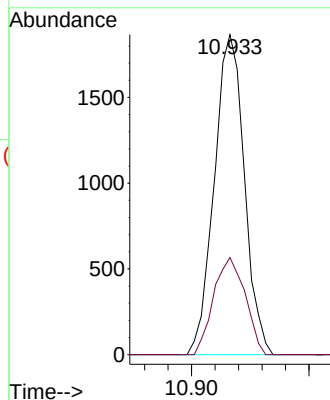


Tgt Ion: 76	Resp: 3318
Ion Ratio	Lower Upper
76	100
78	31.9 26.0 39.0

Manual Integrations

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



#58

2-Chloroethyl Vinyl ether

Concen: 19.347 ug/l

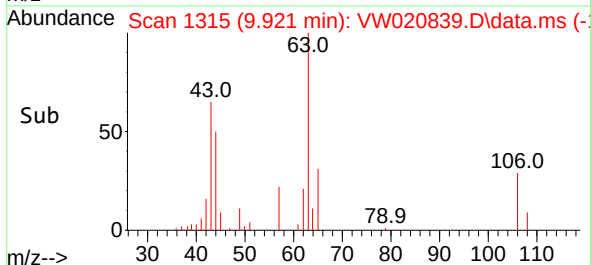
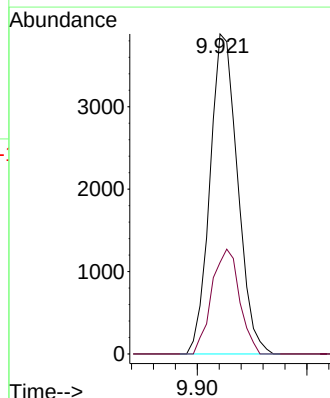
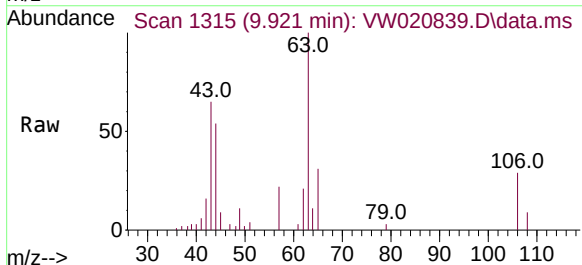
RT: 9.921 min Scan# 1315

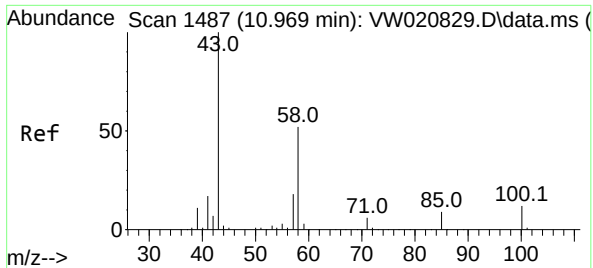
Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

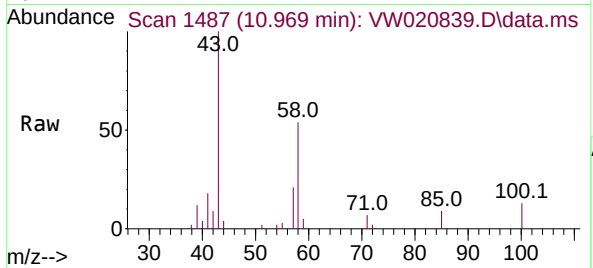
Tgt Ion: 63	Resp: 6804
Ion Ratio	Lower Upper
63	100
106	32.8 23.0 34.6





#59
2-Hexanone
Concen: 19.972 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

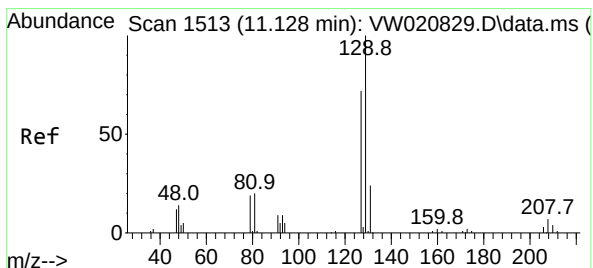
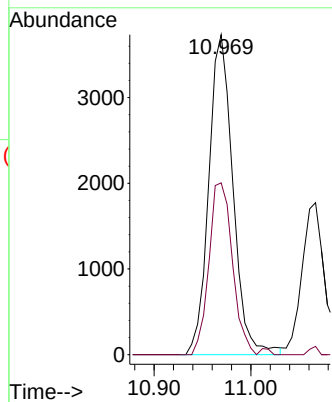
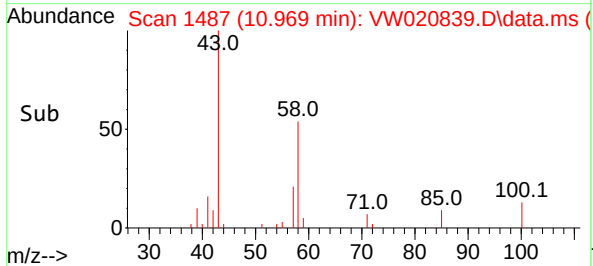
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 43 Resp: 649
Ion Ratio Lower Upper
43 100
58 52.1 26.4 79.2

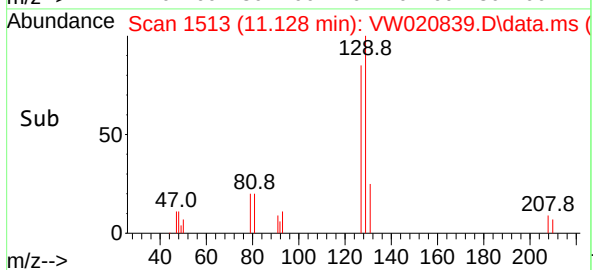
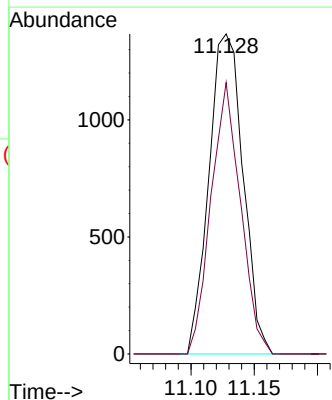
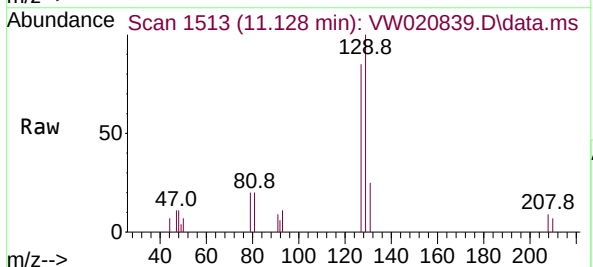
Manual Integrations
APPROVED

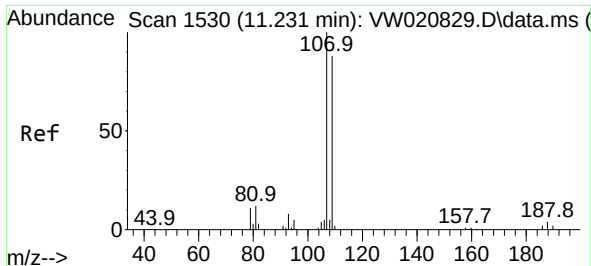
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 4.315 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

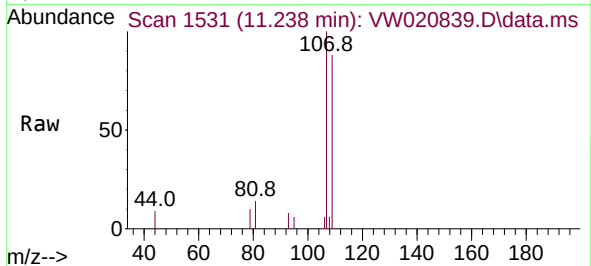
Tgt Ion:129 Resp: 2572
Ion Ratio Lower Upper
129 100
127 73.1 38.9 116.6





#61
1,2-Dibromoethane
Concen: 4.342 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

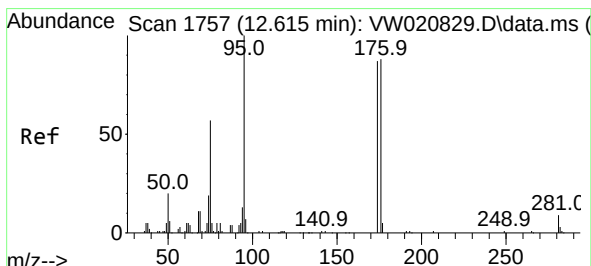
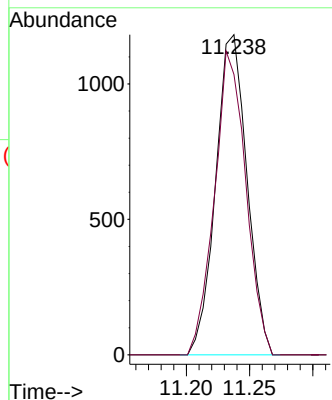
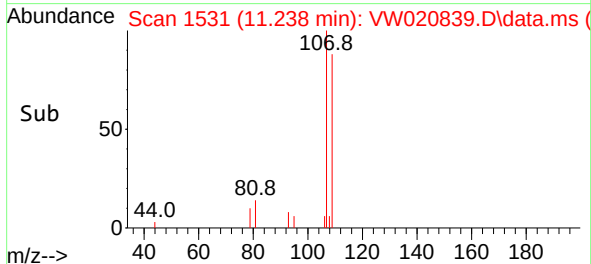
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



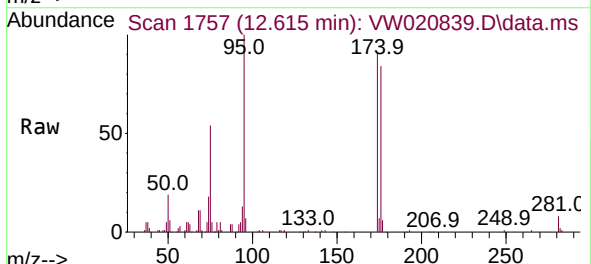
Tgt Ion:107 Resp: 203
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2

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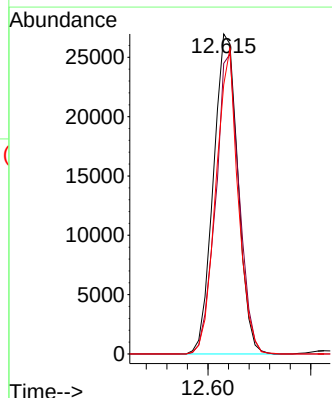
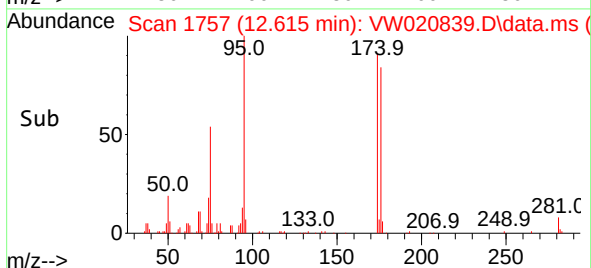
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

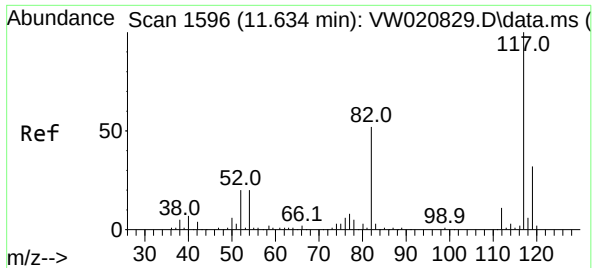


#62
4-Bromofluorobenzene
Concen: 51.334 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02



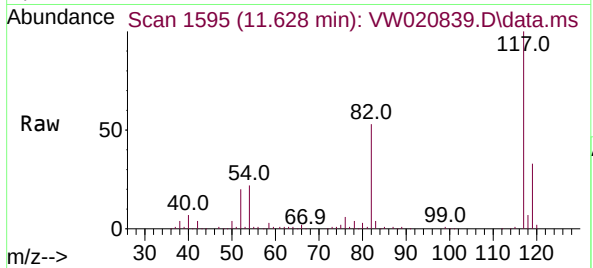
Tgt Ion: 95 Resp: 44533
Ion Ratio Lower Upper
95 100
174 89.6 0.0 166.4
176 86.4 0.0 159.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

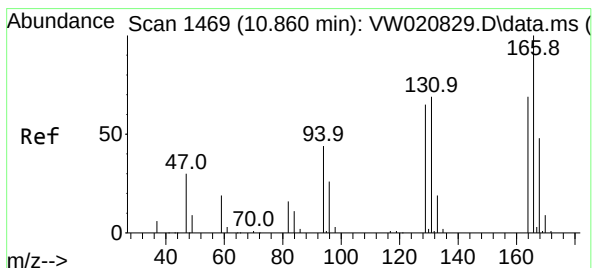
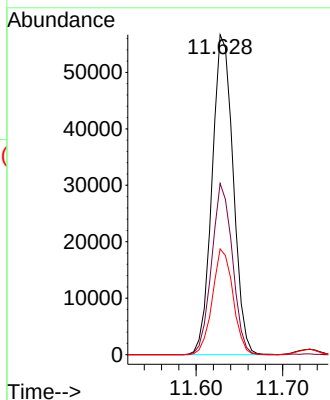
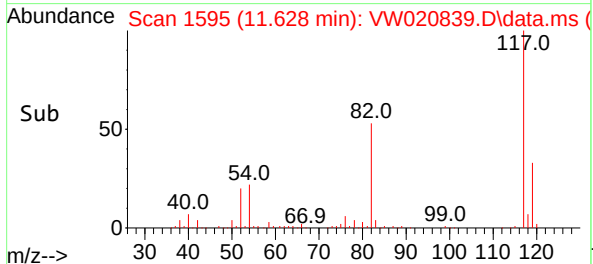
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



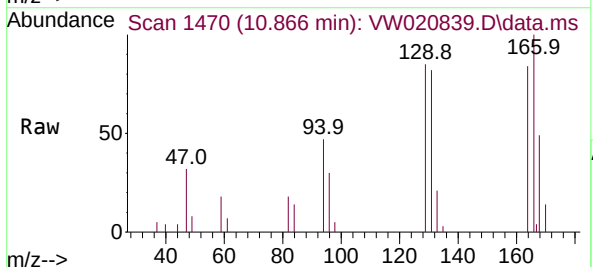
Tgt Ion:117 Resp: 96100
Ion Ratio Lower Upper
117 100
82 53.5 45.6 68.4
119 33.1 25.0 37.4

Manual Integrations
APPROVED

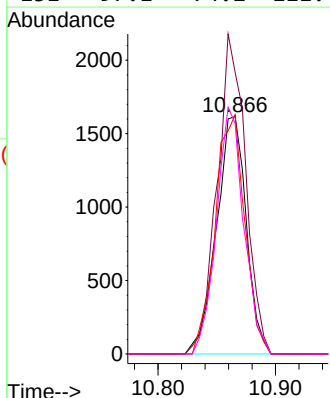
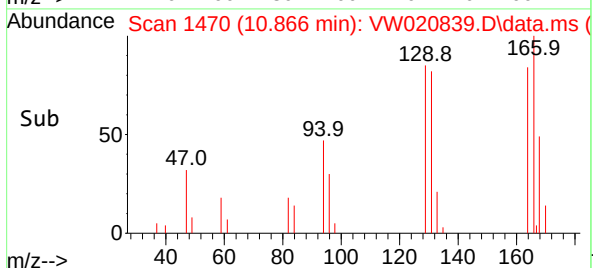
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

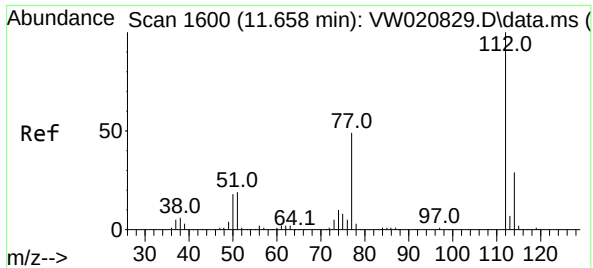


#64
Tetrachloroethene
Concen: 4.583 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02



Tgt Ion:164 Resp: 2850
Ion Ratio Lower Upper
164 100
166 118.6 110.2 165.4
129 100.7 74.4 111.6
131 97.1 74.2 111.4





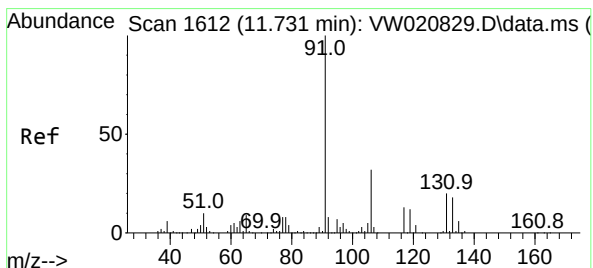
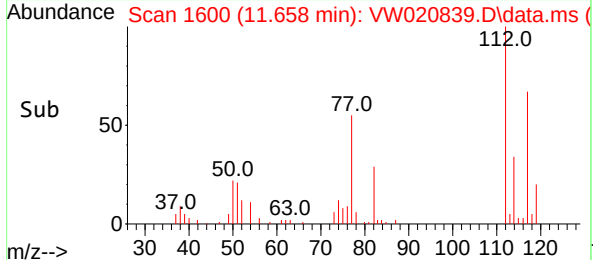
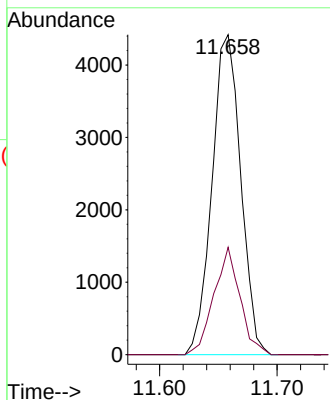
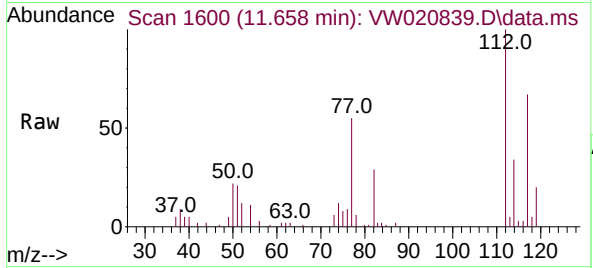
#65
Chlorobenzene
Concen: 4.469 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

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

Tgt Ion:112 Resp: 7510
Ion Ratio Lower Upper
112 100
114 33.5 27.0 40.6

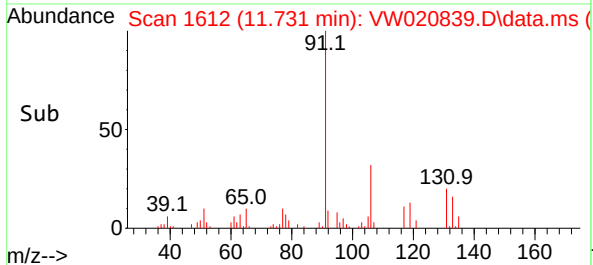
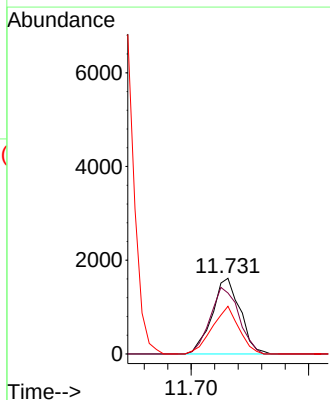
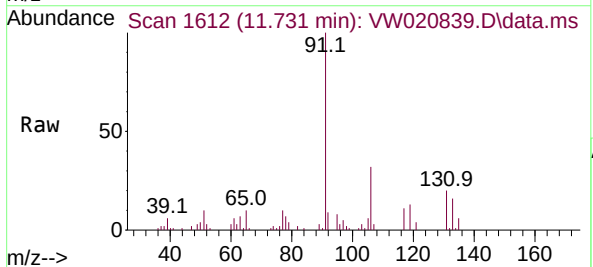
Manual Integrations
APPROVED

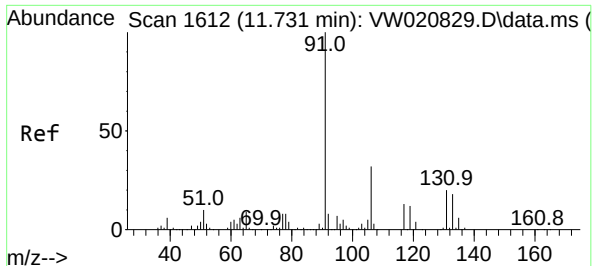
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 4.396 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

Tgt Ion:131 Resp: 2680
Ion Ratio Lower Upper
131 100
133 90.1 47.9 143.8
119 60.0 31.6 95.0





#67

Ethyl Benzene

Concen: 4.345 ug/l

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

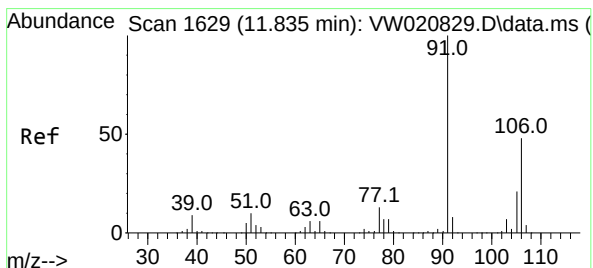
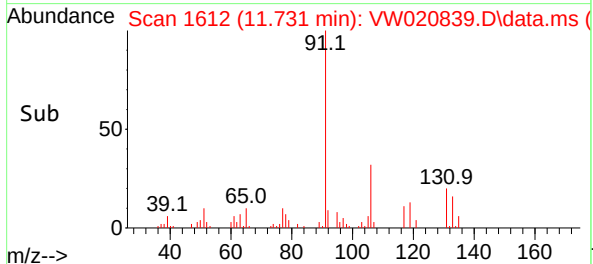
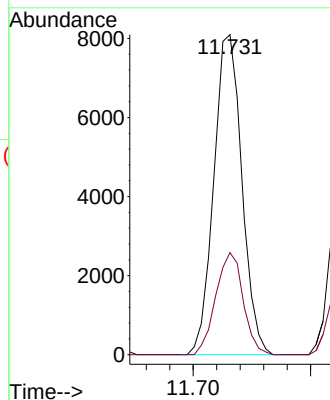
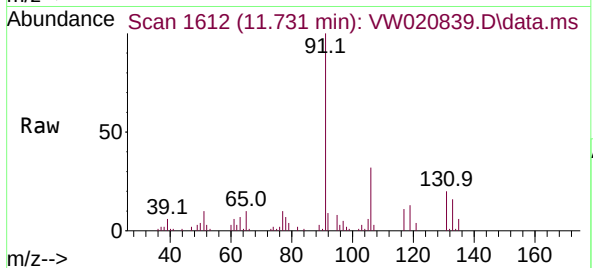
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 91 Resp: 1342
 Ion Ratio Lower Upper
 91 100
 106 31.9 24.4 36.6

Manual Integrations

APPROVED

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



#68

m/p-Xylenes

Concen: 8.651 ug/l

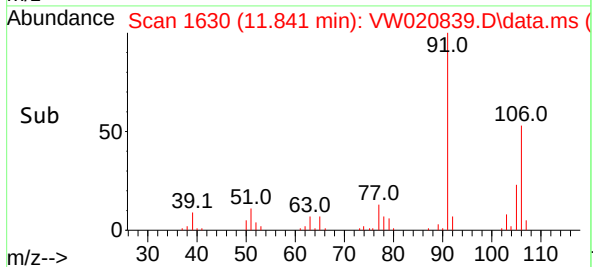
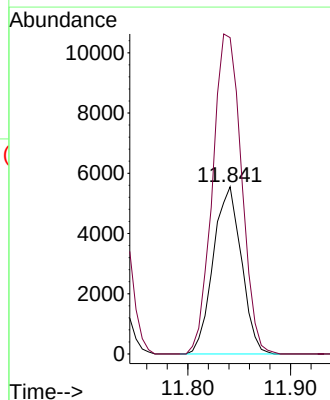
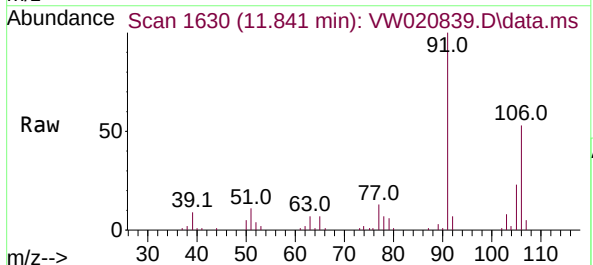
RT: 11.841 min Scan# 1630

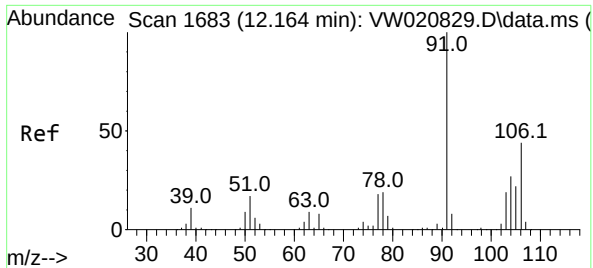
Delta R.T. 0.006 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Tgt Ion:106 Resp: 10567
 Ion Ratio Lower Upper
 106 100
 91 196.6 166.4 249.6





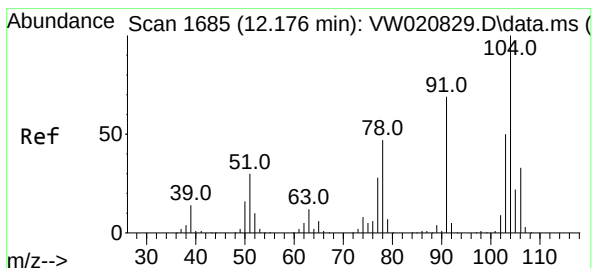
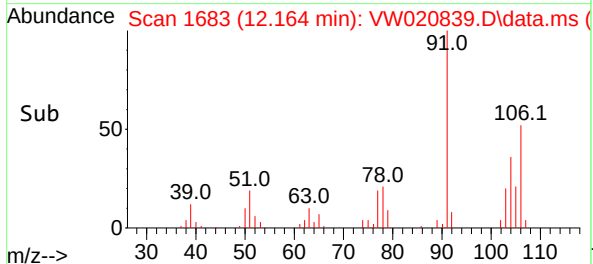
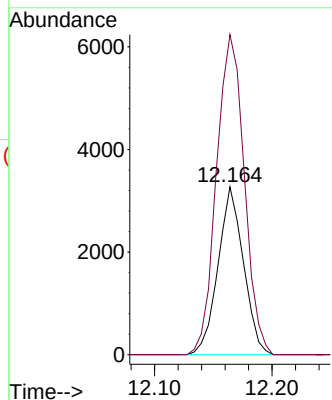
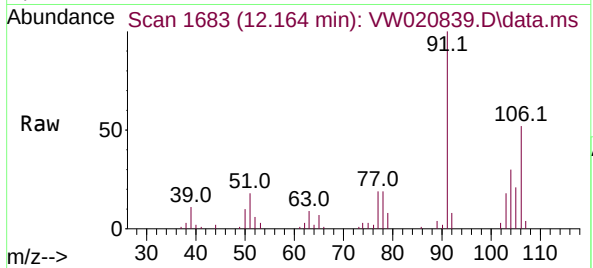
#69
o-Xylene
Concen: 4.340 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

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

Tgt Ion:106 Resp: 4920
Ion Ratio Lower Upper
106 100
91 208.5 110.9 332.6

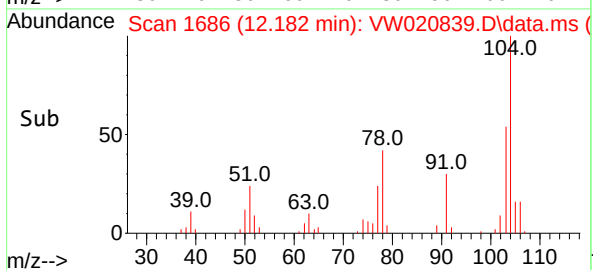
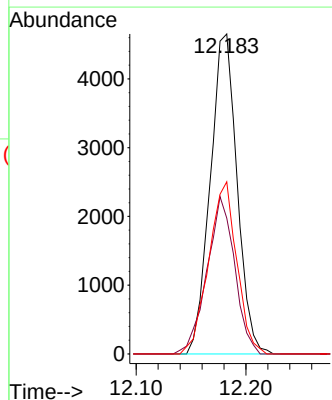
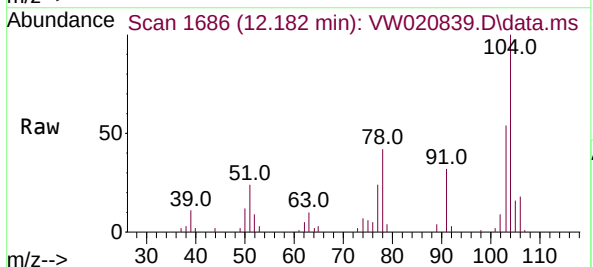
Manual Integrations
APPROVED

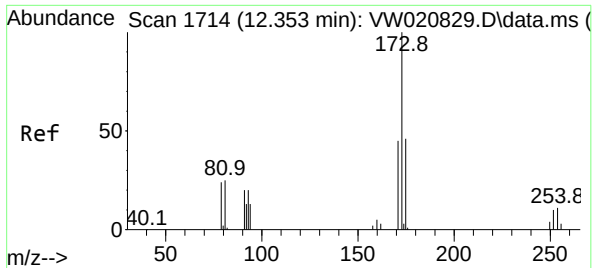
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 4.184 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

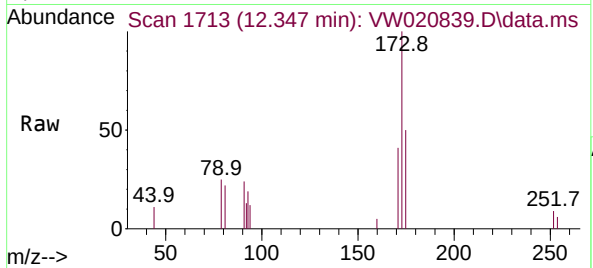
Tgt Ion:104 Resp: 7921
Ion Ratio Lower Upper
104 100
78 50.5 41.4 62.0
103 56.3 43.3 64.9





#71
Bromoform
Concen: 4.159 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

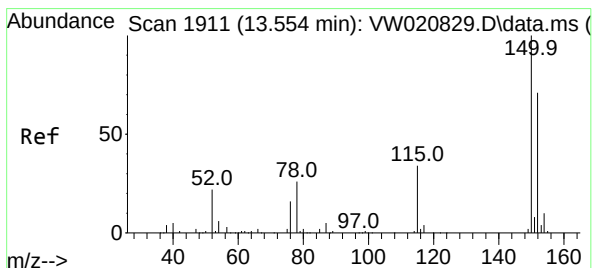
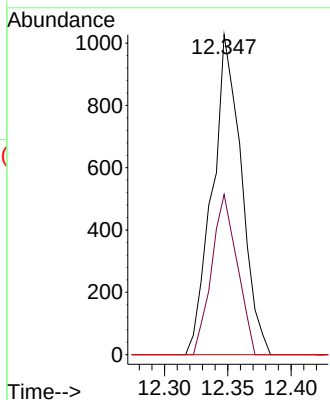
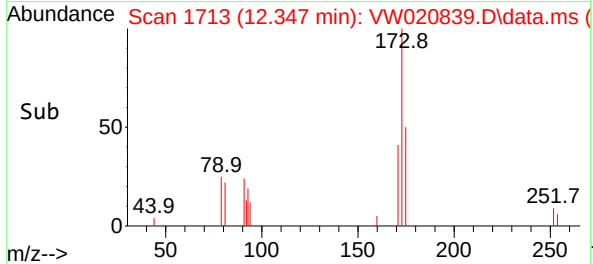
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



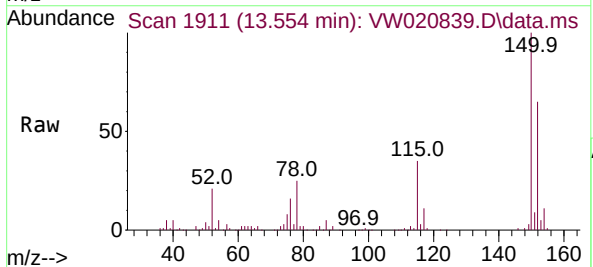
Tgt Ion:173 Resp: 1639
Ion Ratio Lower Upper
173 100
175 44.1 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

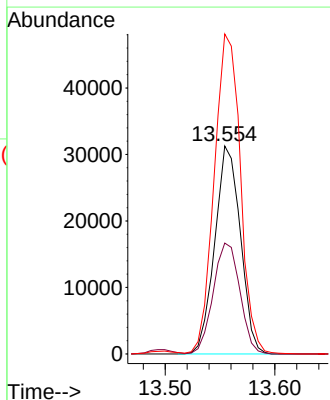
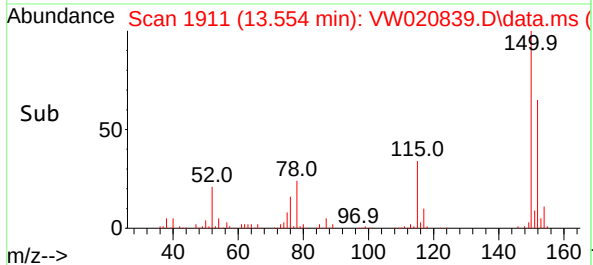
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

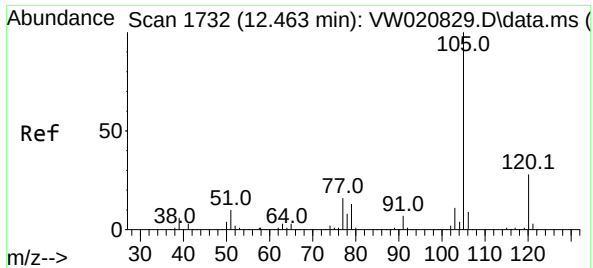


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02



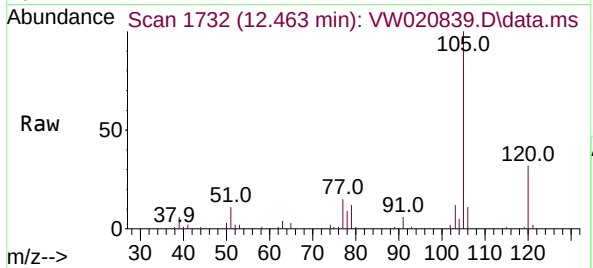
Tgt Ion:152 Resp: 50780
Ion Ratio Lower Upper
152 100
115 55.4 29.6 88.9
150 157.2 0.0 352.6





#73
Isopropylbenzene
Concen: 4.328 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

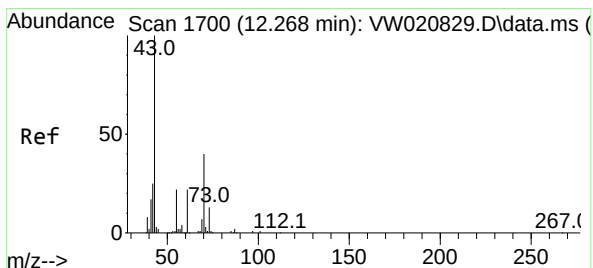
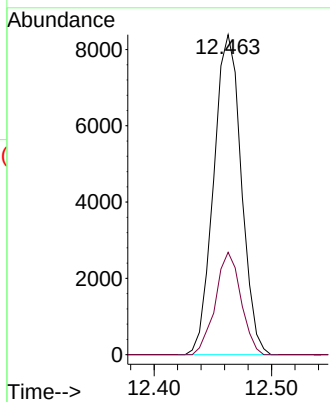
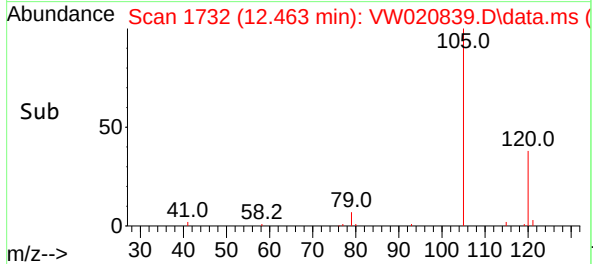
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



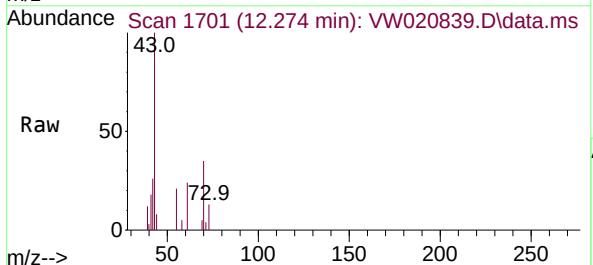
Tgt Ion:105 Resp: 13710
Ion Ratio Lower Upper
105 100
120 29.6 13.0 39.0

Manual Integrations
APPROVED

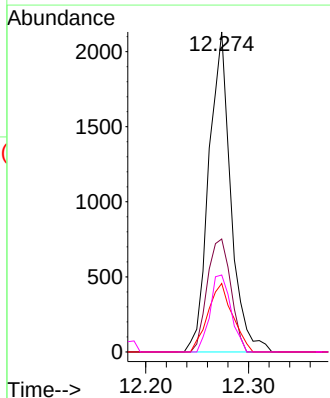
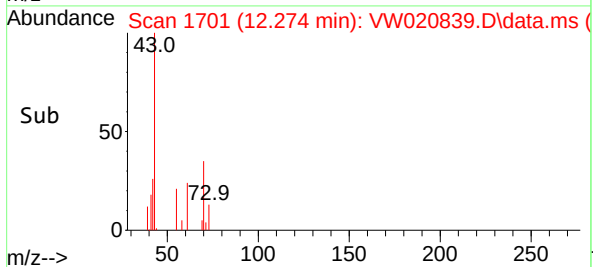
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

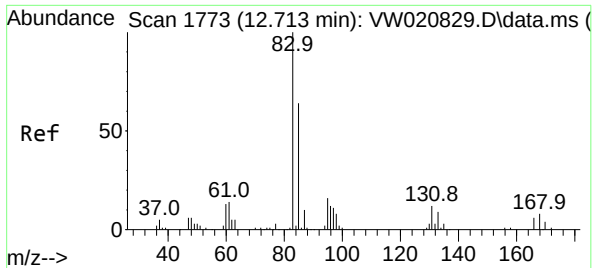


#74
N-ethyl acetate
Concen: 4.176 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02



Tgt Ion: 43 Resp: 3159
Ion Ratio Lower Upper
43 100
70 38.0 33.4 50.2
55 24.2 20.1 30.1
61 23.0 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 4.048 ug/l

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

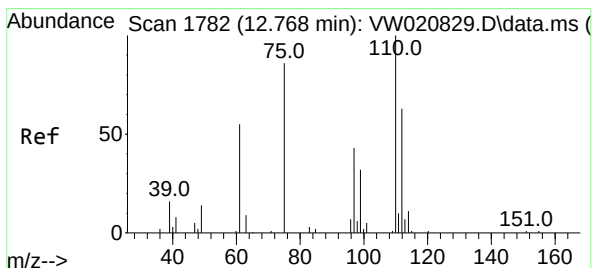
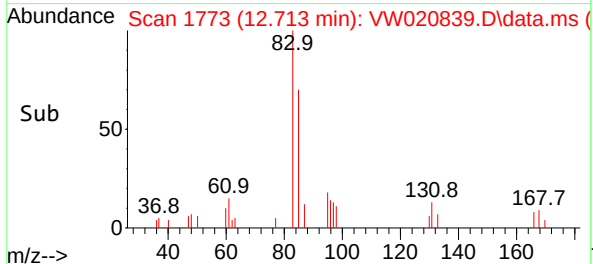
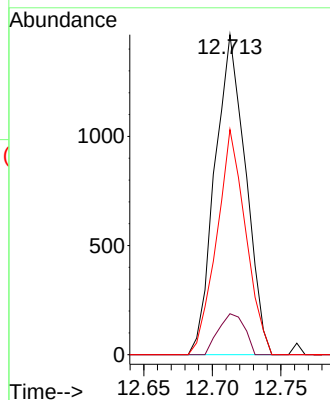
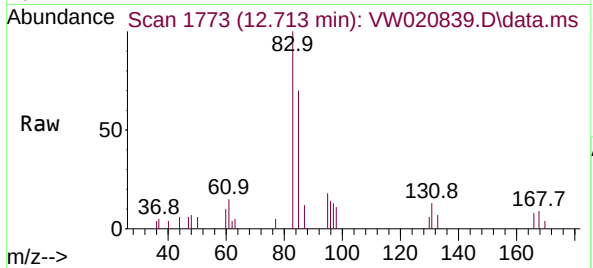
Tgt Ion: 83	Resp: 2289
Ion Ratio	Lower Upper
83 100	
131 10.9	5.8 17.3
85 66.4	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#76

1,2,3-Trichloropropane

Concen: 4.510 ug/l m

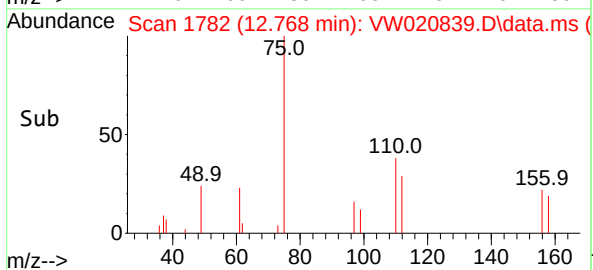
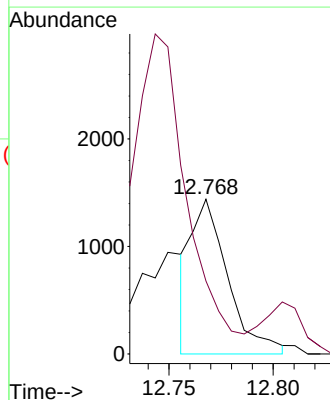
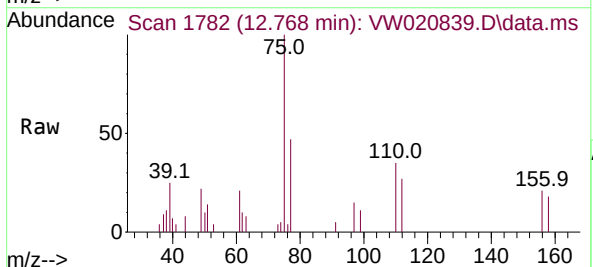
RT: 12.768 min Scan# 1782

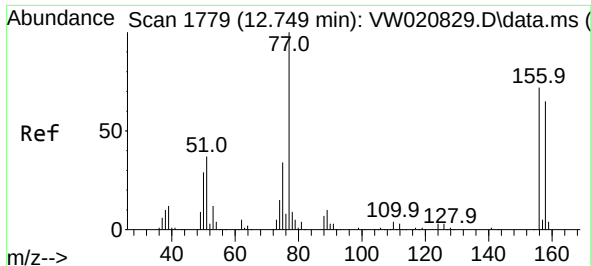
Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

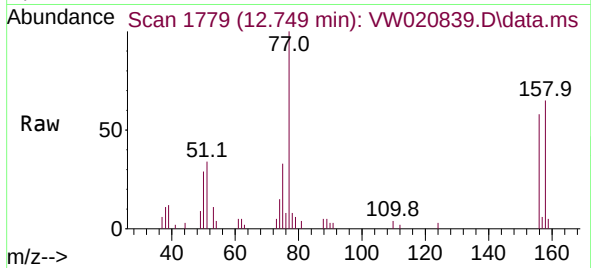
Tgt Ion: 75	Resp: 1761
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77
Bromobenzene
Concen: 4.101 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

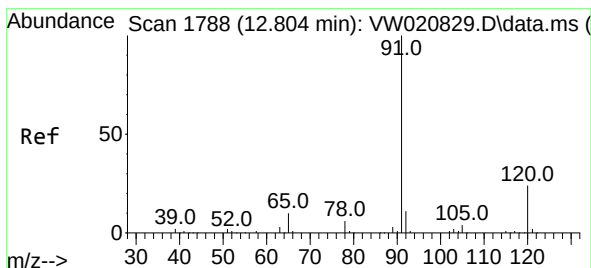
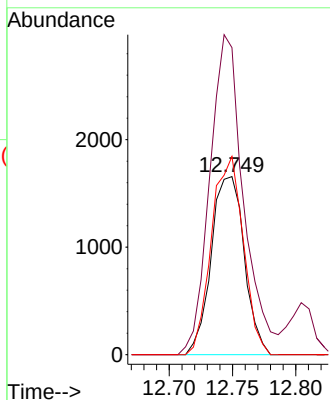
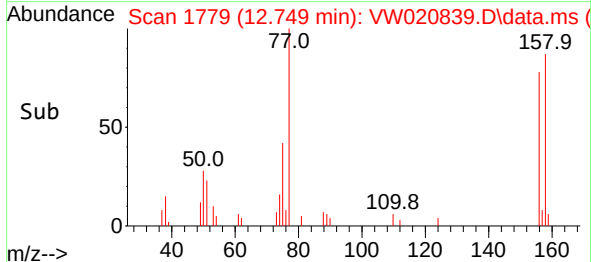
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



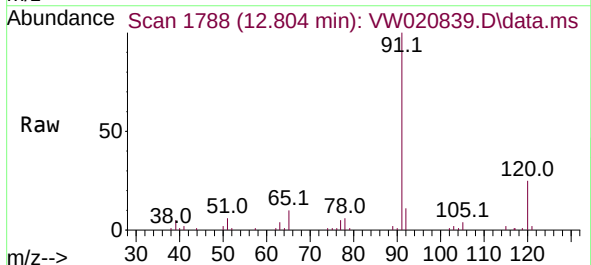
Tgt Ion: 156 Resp: 3010
Ion Ratio Lower Upper
156 100
77 183.7 91.8 275.6
158 107.0 47.9 143.8

Manual Integrations
APPROVED

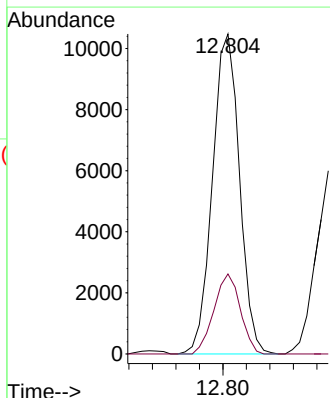
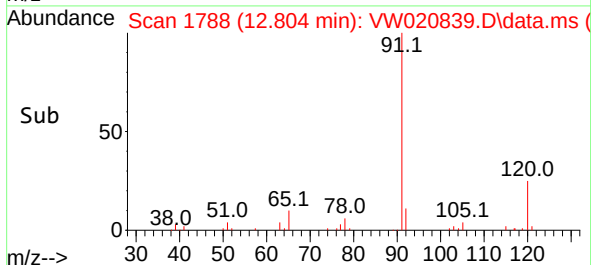
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

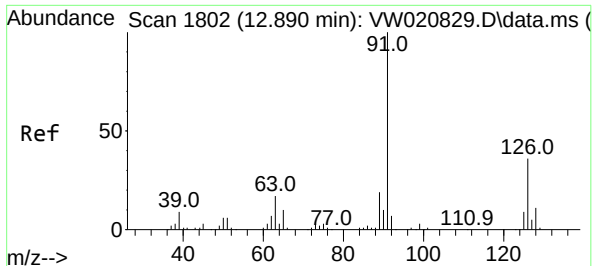


#78
n-propylbenzene
Concen: 4.348 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02



Tgt Ion: 91 Resp: 16734
Ion Ratio Lower Upper
91 100
120 24.4 11.7 35.0





#79

2-Chlorotoluene

Concen: 4.422 ug/l

RT: 12.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

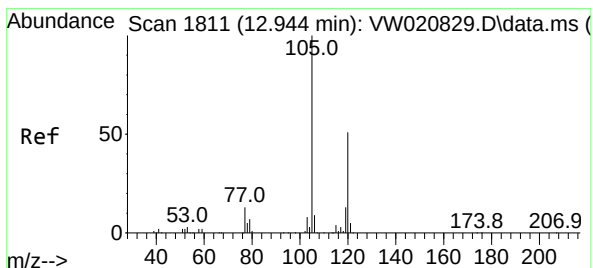
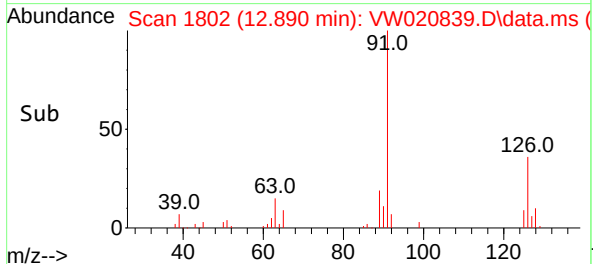
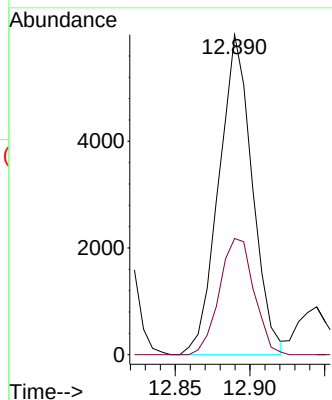
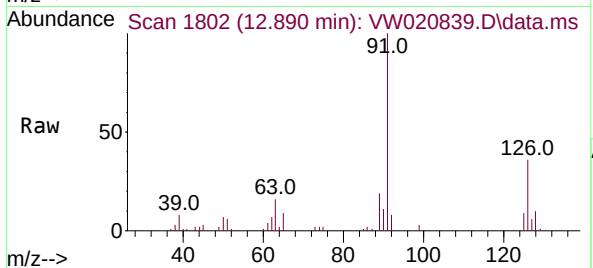
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 91 Resp: 9334
 Ion Ratio Lower Upper
 91 100
 126 37.5 16.7 50.0

Manual Integrations

APPROVED

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



#80

1,3,5-Trimethylbenzene

Concen: 4.345 ug/l

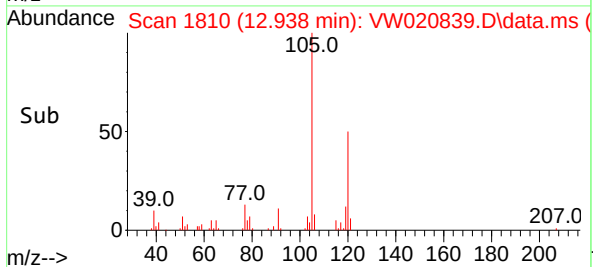
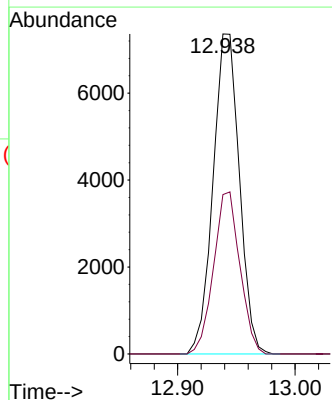
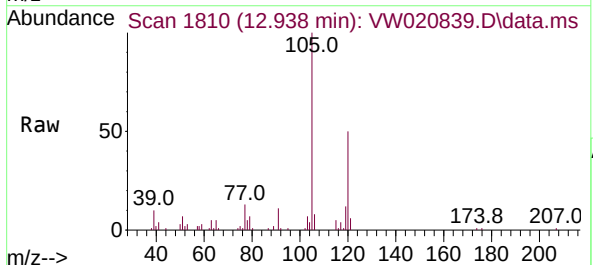
RT: 12.938 min Scan# 1810

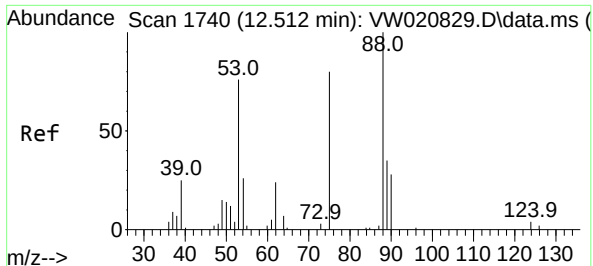
Delta R.T. -0.006 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

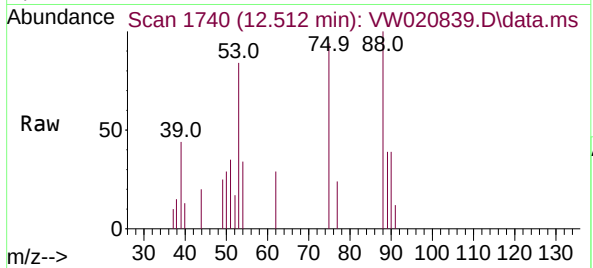
Tgt Ion:105 Resp: 11467
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 3.776 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

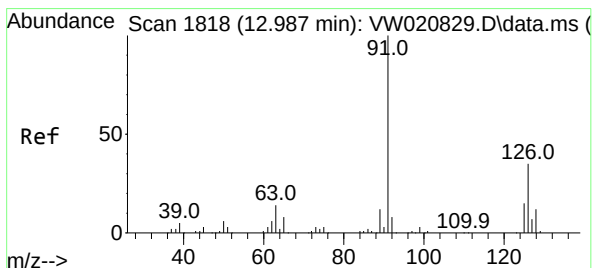
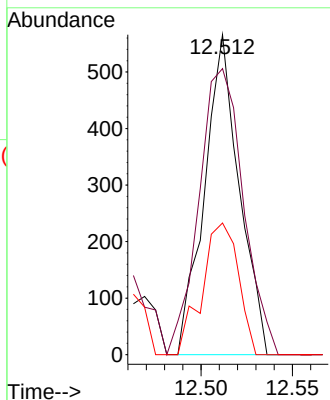
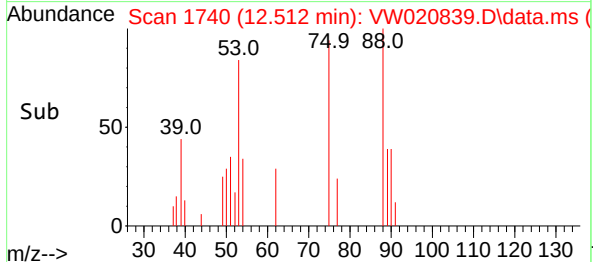
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



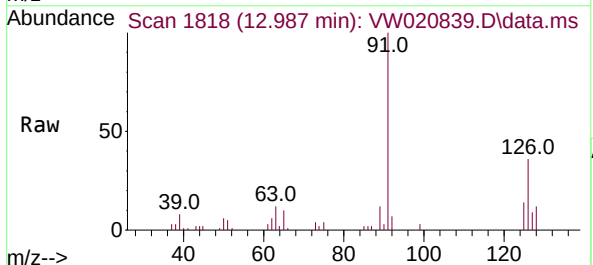
Tgt Ion: 75 Resp: 749
Ion Ratio Lower Upper
75 100
53 114.2 83.7 125.5
89 42.9 36.7 55.1

Manual Integrations
APPROVED

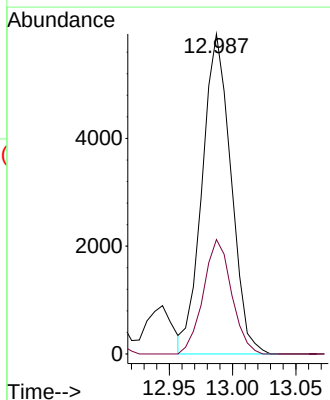
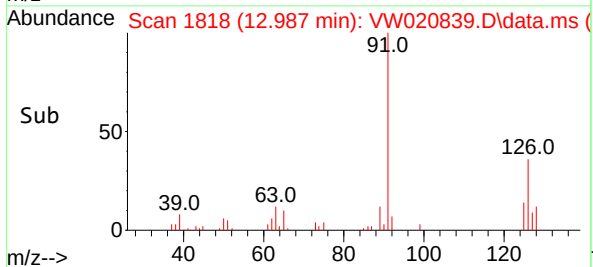
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

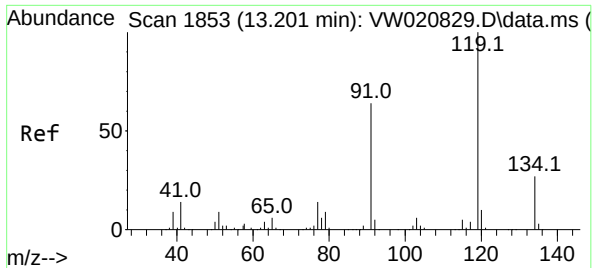


#82
4-Chlorotoluene
Concen: 4.294 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02



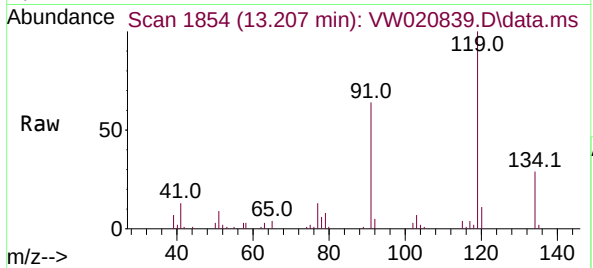
Tgt Ion: 91 Resp: 9380
Ion Ratio Lower Upper
91 100
126 35.1 16.8 50.4





#83
tert-Butylbenzene
Concen: 4.278 ug/l
RT: 13.207 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

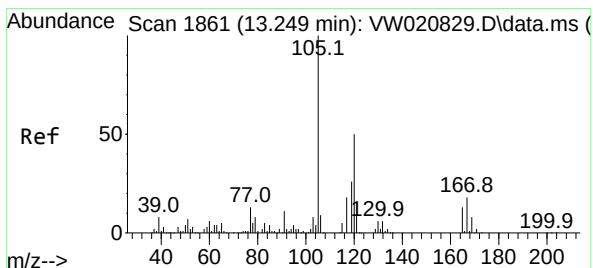
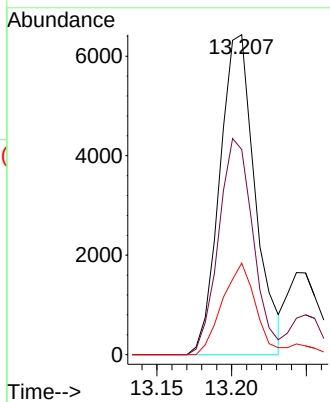
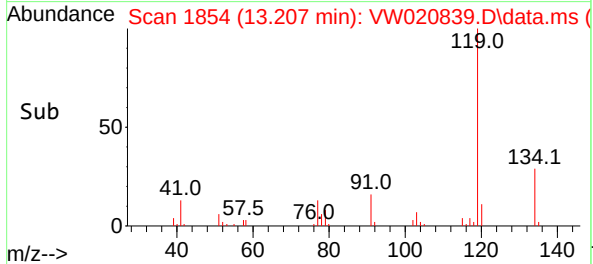
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



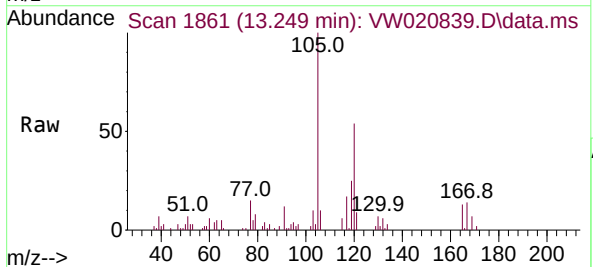
Tgt Ion:119 Resp: 10600
Ion Ratio Lower Upper
119 100
91 65.9 32.9 98.7
134 26.7 12.4 37.2

Manual Integrations
APPROVED

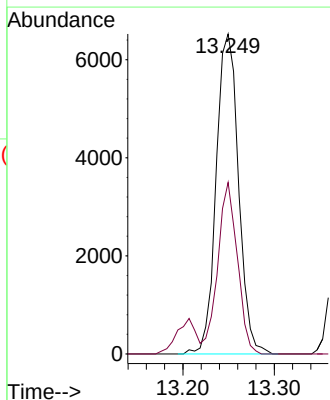
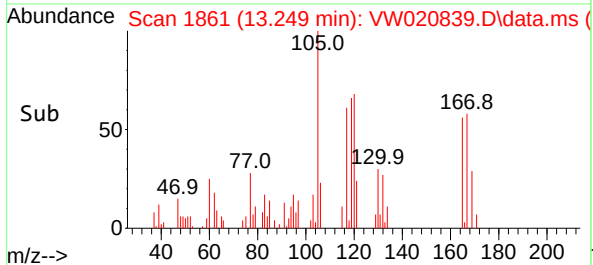
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

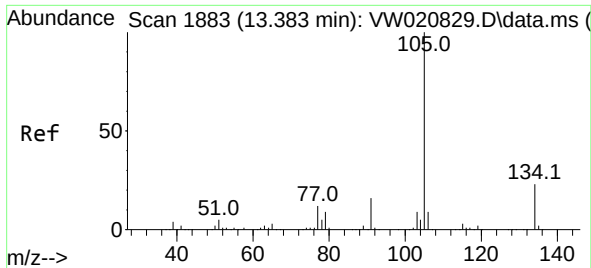


#84
1,2,4-Trimethylbenzene
Concen: 4.275 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02



Tgt Ion:105 Resp: 11087
Ion Ratio Lower Upper
105 100
120 47.1 22.6 67.7





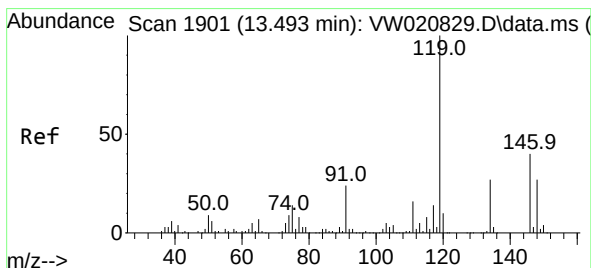
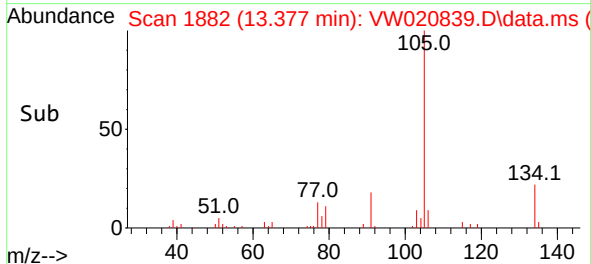
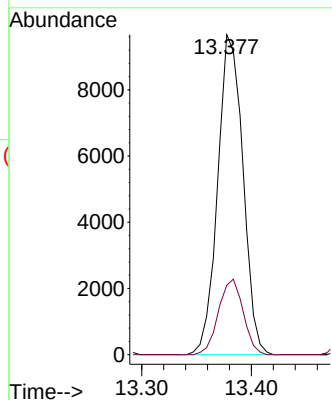
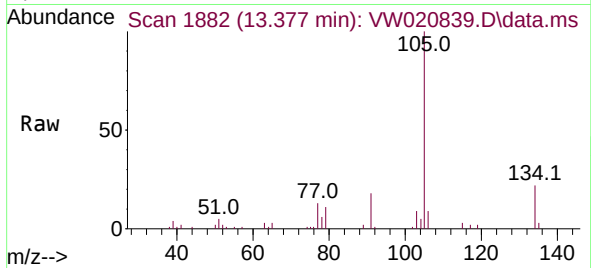
#85
 sec-Butylbenzene
 Concen: 4.370 ug/l
 RT: 13.377 min Scan# 1882
 Delta R.T. -0.006 min
 Lab File: VW020839.D
 Acq: 10 Nov 2021 18:02

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

Tgt Ion:105 Resp: 15480
 Ion Ratio Lower Upper
 105 100
 134 23.0 10.1 30.3

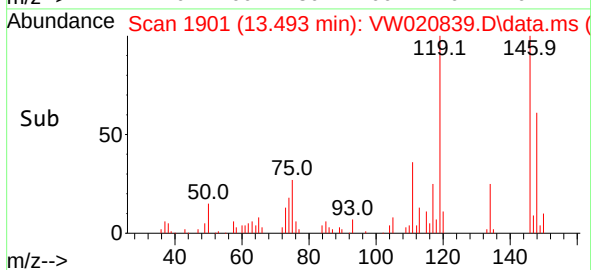
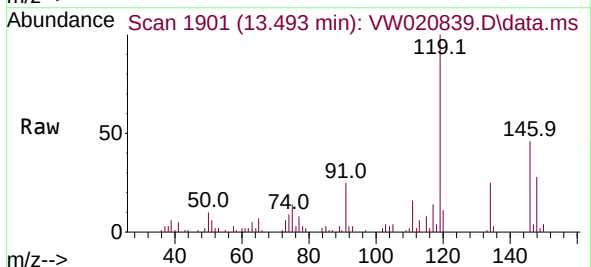
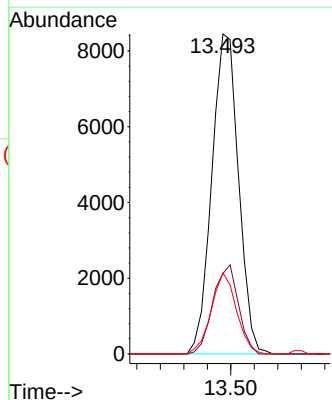
Manual Integrations
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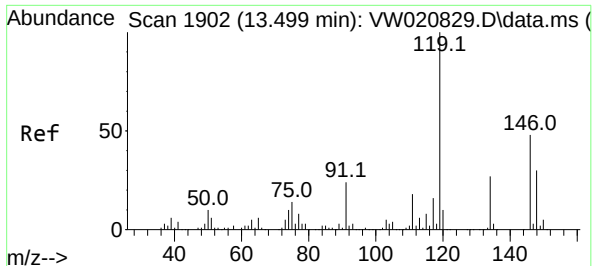
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#86
 p-Isopropyltoluene
 Concen: 4.391 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020839.D
 Acq: 10 Nov 2021 18:02

Tgt Ion:119 Resp: 13330
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 24.0 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 4.453 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

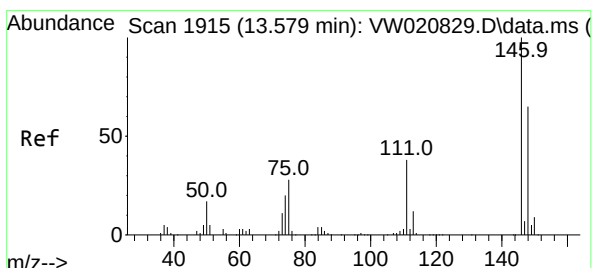
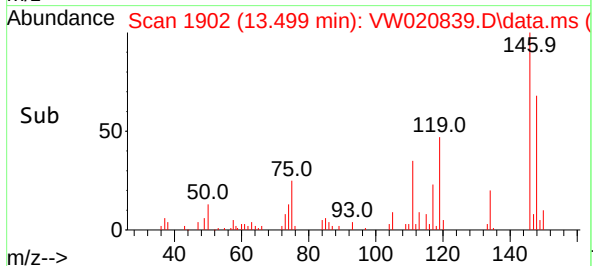
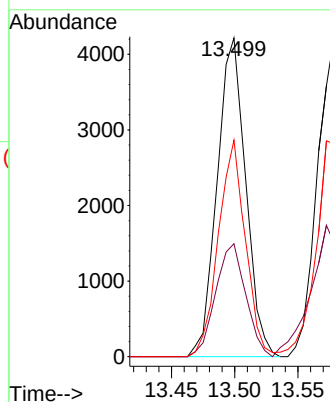
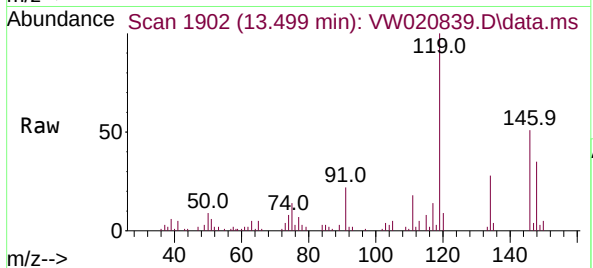
Tgt Ion:146	Resp:	661
Ion Ratio	Lower	Upper
146	100	
111	37.3	19.4 58.2
148	64.2	30.8 92.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#88

1,4-Dichlorobenzene

Concen: 4.566 ug/l

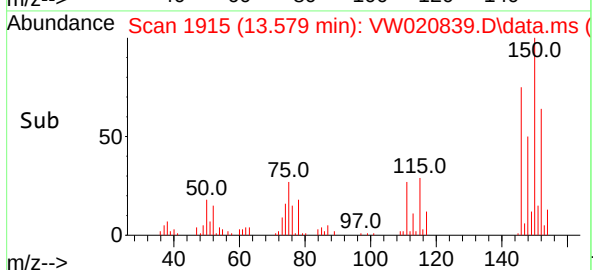
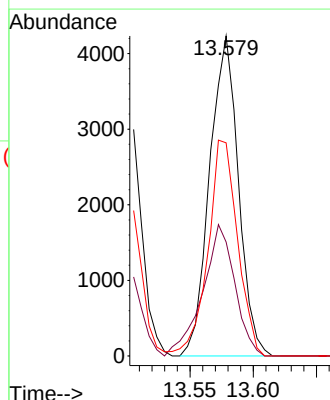
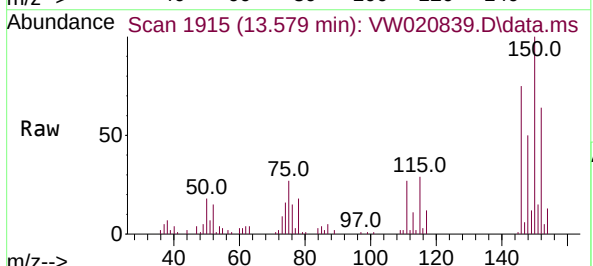
RT: 13.579 min Scan# 1915

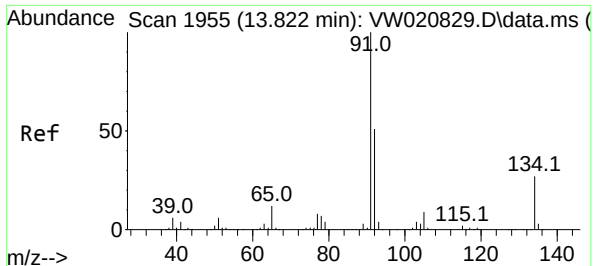
Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Tgt Ion:146	Resp:	6695
Ion Ratio	Lower	Upper
146	100	
111	45.8	19.4 58.4
148	69.4	32.4 97.2





#89

n-Butylbenzene

Concen: 4.325 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

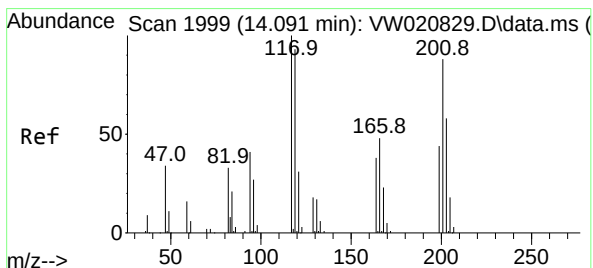
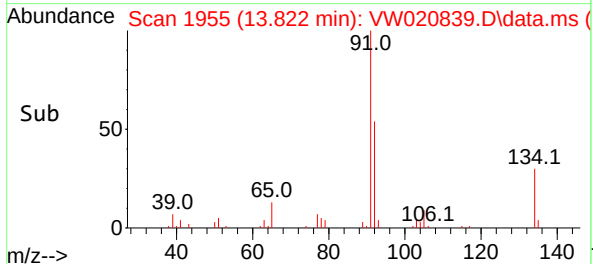
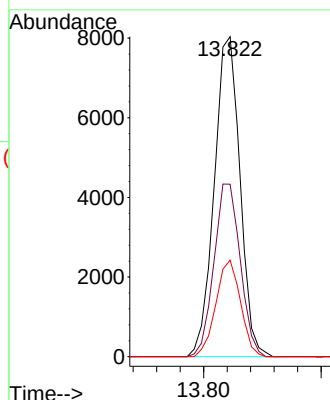
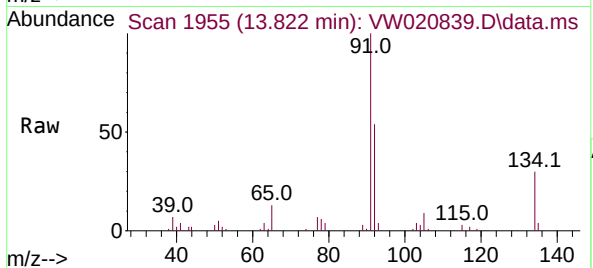
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 91	Resp: 1222
Ion Ratio	Lower Upper
91 100	
92 55.1	27.1 81.2
134 28.9	13.4 40.1

Manual Integrations

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



#90

Hexachloroethane

Concen: 4.258 ug/l

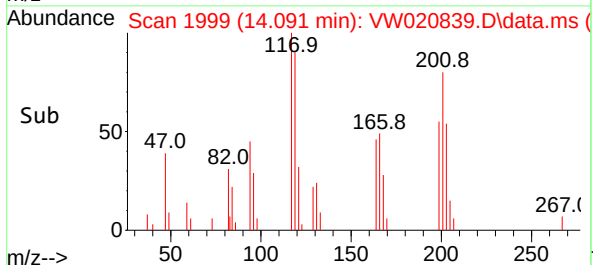
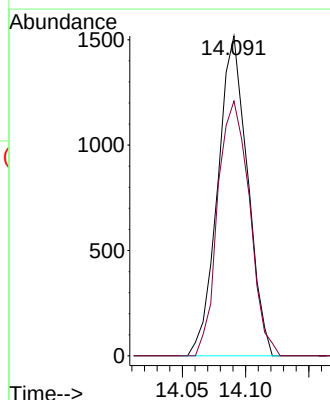
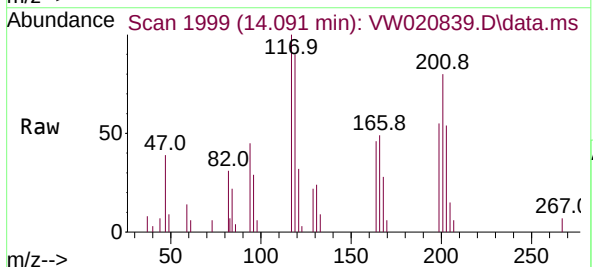
RT: 14.091 min Scan# 1999

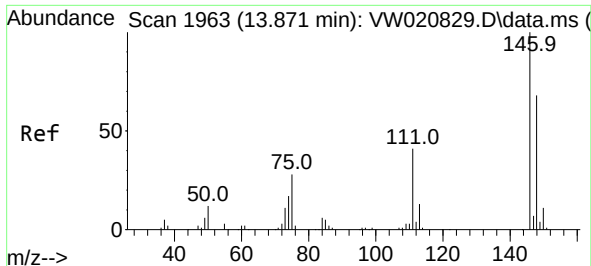
Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Tgt Ion:117	Resp: 2485
Ion Ratio	Lower Upper
117 100	
201 84.7	42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 4.637 ug/l

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

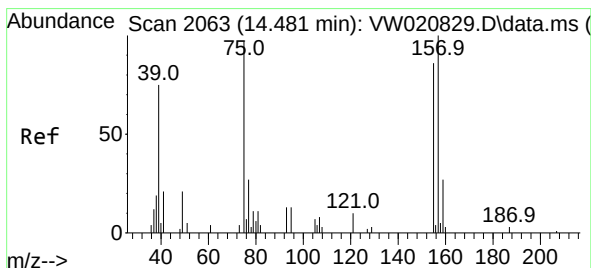
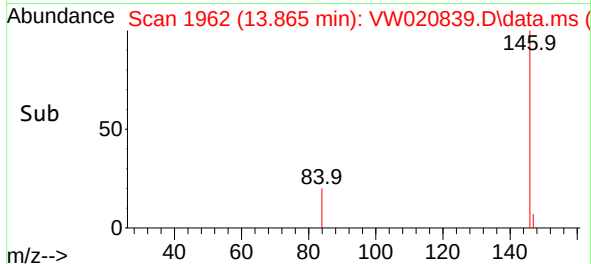
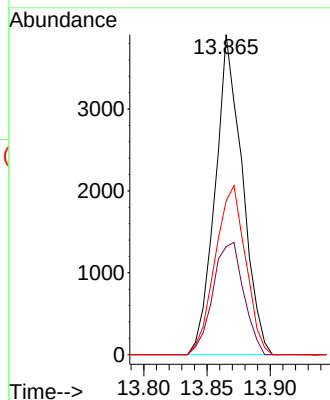
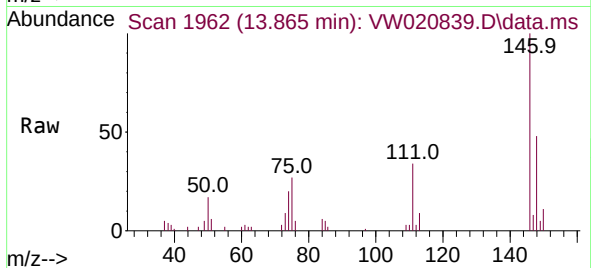
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:146	Resp:	582
Ion Ratio	Lower	Upper
146	100	
111	39.9	20.4 61.3
148	59.4	32.0 96.2

Manual Integrations

APPROVED

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.936 ug/l

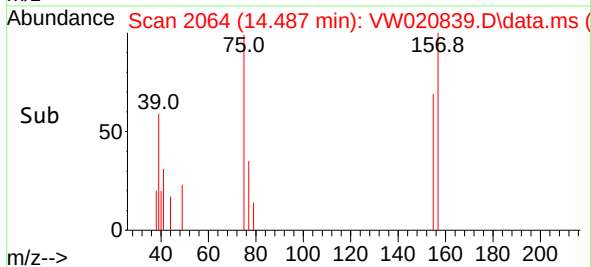
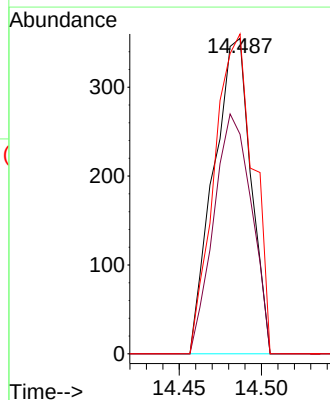
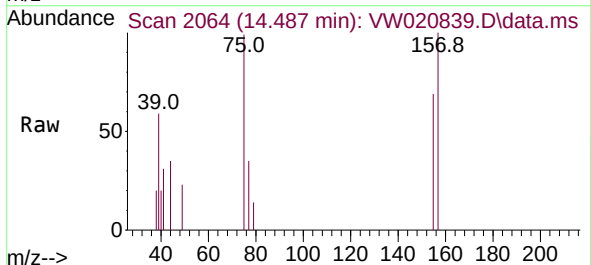
RT: 14.487 min Scan# 2064

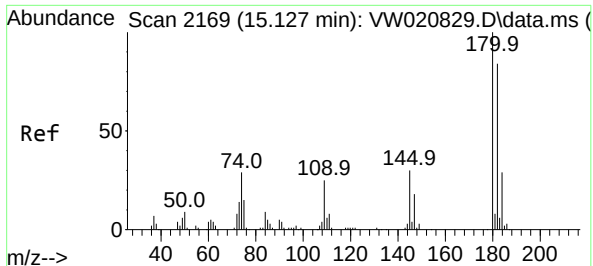
Delta R.T. 0.006 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Tgt Ion: 75	Resp:	560
Ion Ratio	Lower	Upper
75	100	
155	77.1	42.5 127.6
157	105.9	53.4 160.2





#93

1,2,4-Trichlorobenzene

Concen: 4.368 ug/l

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Instrument :

MSVOA_W

ClientSampleId :

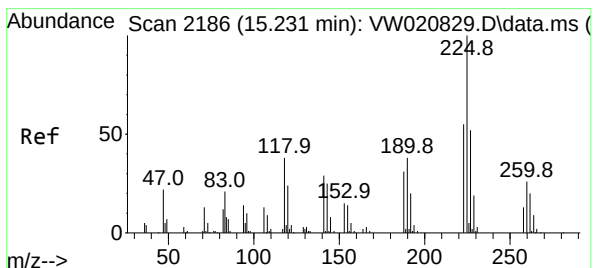
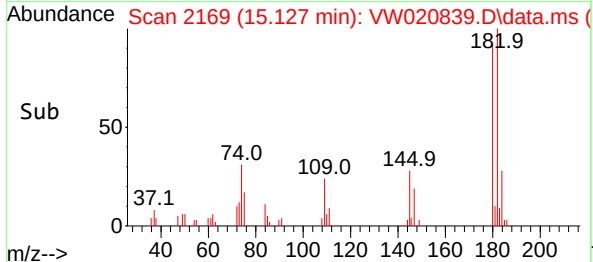
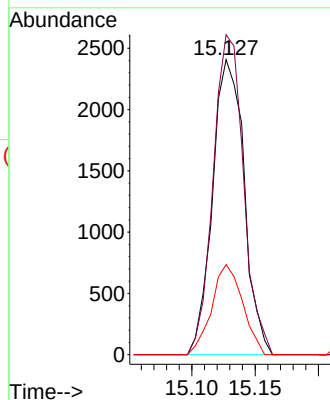
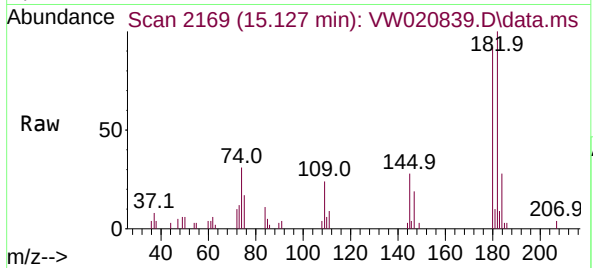
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:	180	Resp:	417
Ion Ratio	Lower	Upper	
180	100		
182	104.2	49.4	148.2
145	29.9	15.2	45.6

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 4.547 ug/l

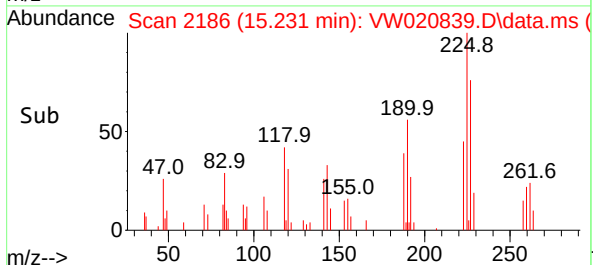
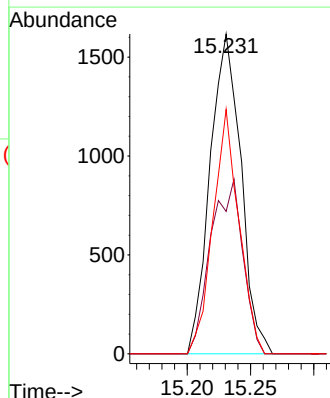
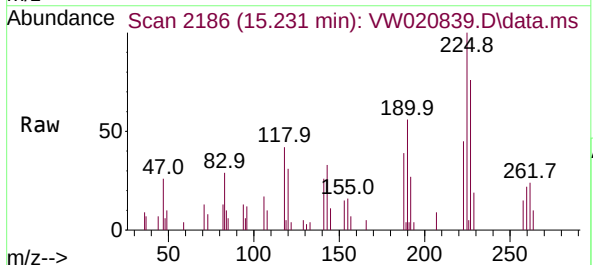
RT: 15.231 min Scan# 2186

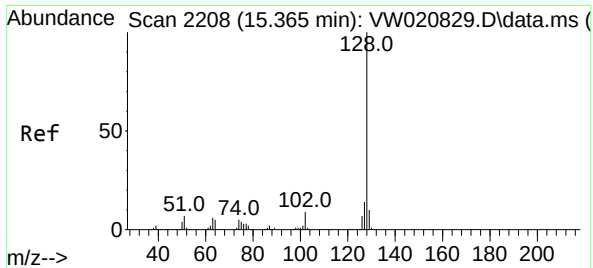
Delta R.T. 0.000 min

Lab File: VW020839.D

Acq: 10 Nov 2021 18:02

Tgt Ion:	225	Resp:	2741
Ion Ratio	Lower	Upper	
225	100		
223	56.9	29.8	89.5
227	64.5	32.8	98.4





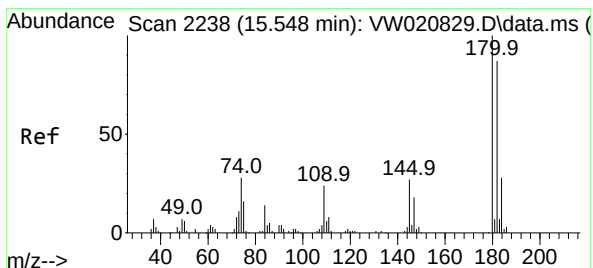
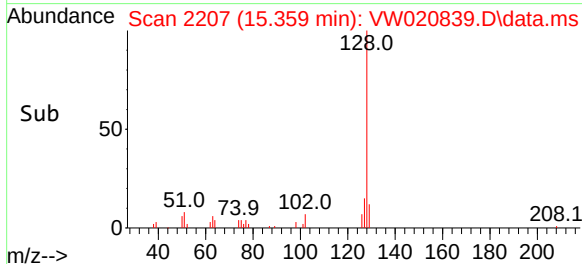
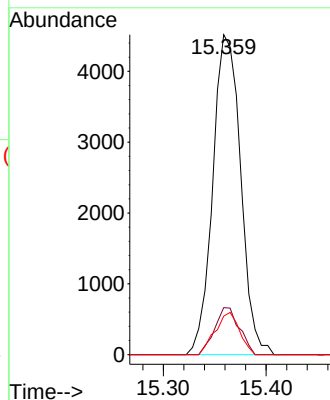
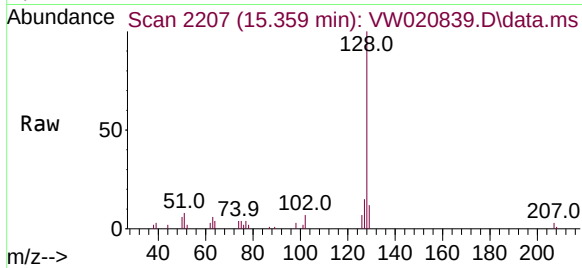
#95
Naphthalene
Concen: 4.545 ug/l
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

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

Tgt Ion:128 Resp: 850
Ion Ratio Lower Upper
128 100
127 13.0 11.1 16.7
129 11.5 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.689 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020839.D
Acq: 10 Nov 2021 18:02

Tgt Ion:180 Resp: 3873
Ion Ratio Lower Upper
180 100
182 91.8 46.4 139.2
145 29.7 15.7 47.0

