

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073654.D
 Acq On : 22 Jun 2022 14:56
 Operator : VA/SY
 Sample : N3214-01 4.0PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Quant Time: Jun 23 09:56:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 09:55:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	216031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	357816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	340586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	167045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	128469	51.684	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.360%			
35) Dibromofluoromethane	7.908	113	136681	52.656	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.320%			
50) Toluene-d8	10.332	98	453990	48.865	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.720%			
62) 4-Bromofluorobenzene	12.620	95	165328	48.524	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	10434	5.014	ug/l	87
3) Chloromethane	2.208	50	8910	4.720	ug/l	90
4) Vinyl Chloride	2.350	62	8508	4.780	ug/l	98
5) Bromomethane	2.773	94	6992	5.033	ug/l	93
6) Chloroethane	2.914	64	5639	4.896	ug/l	90
7) Trichlorofluoromethane	3.267	101	18921	4.589	ug/l	95
8) Diethyl Ether	3.708	74	4225	3.928	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	11932	5.010	ug/l	94
10) Methyl Iodide	4.302	142	9320	4.039	ug/l	98
11) Tert butyl alcohol	5.185	59	13441	48.962	ug/l #	79
12) 1,1-Dichloroethene	4.061	96	9307	4.470	ug/l	95
13) Acrolein	3.932	56	820m	10.842	ug/l	
14) Allyl chloride	4.708	41	12496	4.171	ug/l	98
15) Acrylonitrile	5.414	53	10992	22.525	ug/l	98
16) Acetone	4.149	43	9866	24.967	ug/l	98
17) Carbon Disulfide	4.408	76	23990	3.997	ug/l	95
18) Methyl Acetate	4.720	43	8463	6.692	ug/l #	67
19) Methyl tert-butyl Ether	5.479	73	21321	4.328	ug/l	99
20) Methylene Chloride	4.967	84	30980	9.792	ug/l	93
21) trans-1,2-Dichloroethene	5.461	96	11232	4.537	ug/l #	78
22) Diisopropyl ether	6.355	45	25894	3.852	ug/l #	97
23) Vinyl Acetate	6.296	43	54503	15.506	ug/l	98
24) 1,1-Dichloroethane	6.261	63	18522	4.115	ug/l #	94
25) 2-Butanone	7.202	43	12796	22.244	ug/l	96
26) 2,2-Dichloropropane	7.202	77	19075	4.613	ug/l	96
27) cis-1,2-Dichloroethene	7.202	96	11383	3.986	ug/l	91
28) Bromochloromethane	7.532	49	7670	4.550	ug/l	98
29) Tetrahydrofuran	7.561	42	6407	17.959	ug/l #	77
30) Chloroform	7.702	83	21702	4.259	ug/l	94
31) Cyclohexane	7.979	56	19222	5.083	ug/l #	86
32) 1,1,1-Trichloroethane	7.896	97	19931	4.396	ug/l	97
36) 1,1-Dichloropropene	8.108	75	16248	4.469	ug/l	95
37) Ethyl Acetate	7.279	43	5178m	3.701	ug/l	
38) Carbon Tetrachloride	8.096	117	17517	4.242	ug/l	93
39) Methylcyclohexane	9.343	83	15046	3.735	ug/l	90
40) Benzene	8.349	78	43476	4.134	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	4302	5.555	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	13815	4.397	ug/l	100
43) Isopropyl Acetate	8.443	43	10986	4.172	ug/l	93
44) Trichloroethene	9.108	130	13203	4.408	ug/l	82
45) 1,2-Dichloropropane	9.379	63	11460	4.336	ug/l	93
46) Dibromomethane	9.461	93	6171	4.112	ug/l	95
47) Bromodichloromethane	9.649	83	16404	4.200	ug/l	91
48) Methyl methacrylate	9.455	41	5372	4.030	ug/l	93
49) 1,4-Dioxane	9.467	88	1256	75.519	ug/l #	78
51) 4-Methyl-2-Pentanone	10.220	43	26827	19.841	ug/l	97
52) Toluene	10.396	92	29197	4.247	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	14064	3.932	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	15687	3.751	ug/l	95
55) 1,1,2-Trichloroethane	10.796	97	8657	4.085	ug/l	96
56) Ethyl methacrylate	10.655	69	8719	3.728	ug/l	95
57) 1,3-Dichloropropane	10.937	76	14721	4.217	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	19972	21.234	ug/l	93
59) 2-Hexanone	10.979	43	16525	17.723	ug/l	91
60) Dibromochloromethane	11.131	129	11856	4.291	ug/l	93
61) 1,2-Dibromoethane	11.237	107	8638	4.254	ug/l	100
64) Tetrachloroethene	10.867	164	12771	5.065	ug/l	96
65) Chlorobenzene	11.661	112	32819	4.315	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	12326	4.182	ug/l	94
67) Ethyl Benzene	11.737	91	50942	3.940	ug/l	99
68) m/p-Xylenes	11.843	106	39575	7.772	ug/l	96
69) o-Xylene	12.167	106	17778	3.746	ug/l	97
70) Styrene	12.184	104	29599	3.637	ug/l	98
71) Bromoform	12.343	173	7205	4.490	ug/l #	99
73) Isopropylbenzene	12.467	105	46283	3.840	ug/l	99
74) N-amyl acetate	12.278	43	9104	3.737	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	9640	4.253	ug/l	90
76) 1,2,3-Trichloropropane	12.767	75	7962m	4.925	ug/l	
77) Bromobenzene	12.755	156	13095	4.464	ug/l	95
78) n-propylbenzene	12.808	91	61222	4.147	ug/l	100
79) 2-Chlorotoluene	12.896	91	37205	4.297	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	40505	3.935	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	3032	4.328	ug/l	96
82) 4-Chlorotoluene	12.990	91	39737	4.299	ug/l	99
83) tert-Butylbenzene	13.208	119	35754	4.012	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	40932	4.031	ug/l	97
85) sec-Butylbenzene	13.390	105	53229	4.017	ug/l	97
86) p-Isopropyltoluene	13.502	119	42708	3.902	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	26956	4.455	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	27790	4.634	ug/l	91
89) n-Butylbenzene	13.831	91	42049	4.086	ug/l	97
90) Hexachloroethane	14.096	117	10433	4.463	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	23065	4.418	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.490	75	1674	4.729	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	12910	4.245	ug/l	97
94) Hexachlorobutadiene	15.249	225	8393	4.870	ug/l	97
95) Naphthalene	15.378	128	20892	3.954	ug/l	97
96) 1,2,3-Trichlorobenzene	15.578	180	11461	4.332	ug/l	95

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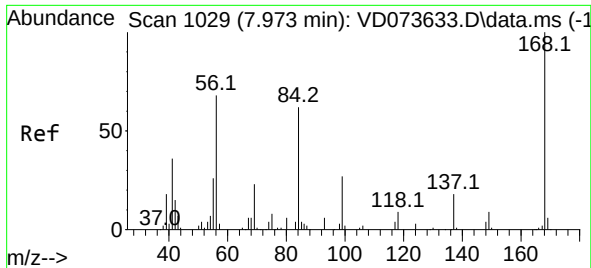
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

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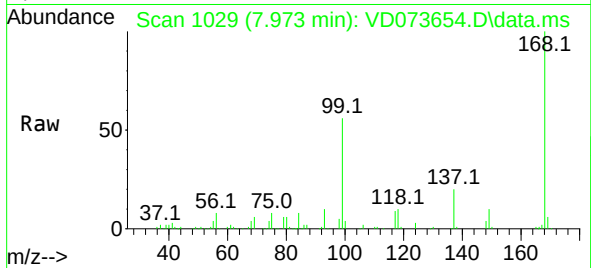
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
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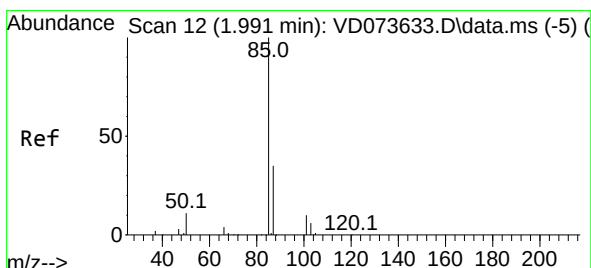
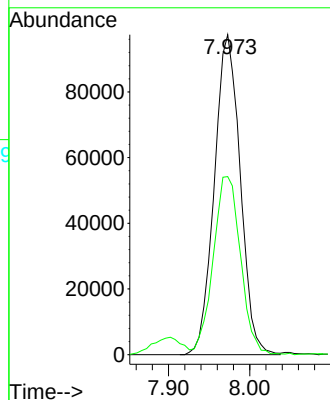
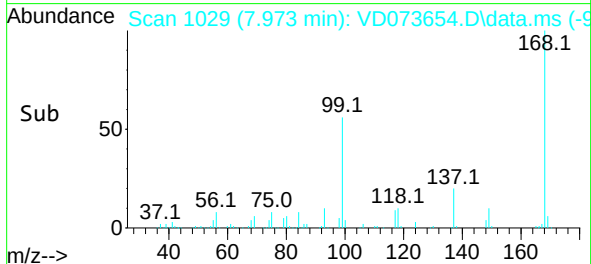
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



Tgt Ion:168 Resp: 21603
Ion Ratio Lower Upper
168 100
99 55.4 47.4 71.0

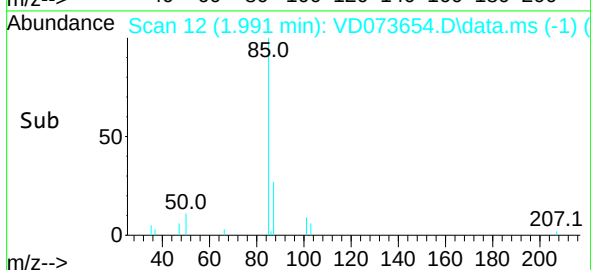
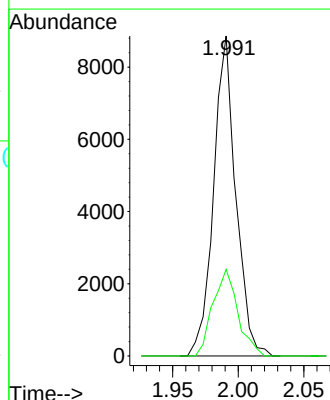
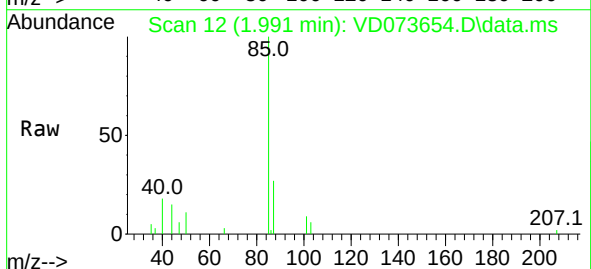
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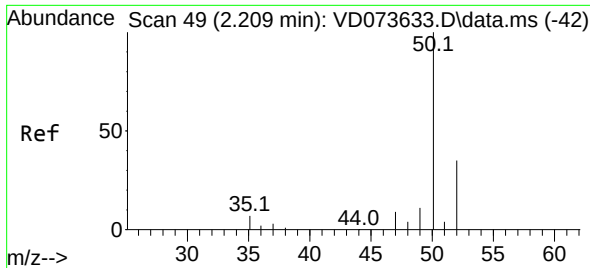
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#2
Dichlorodifluoromethane
Concen: 5.014 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 85 Resp: 10434
Ion Ratio Lower Upper
85 100
87 27.1 17.4 52.2





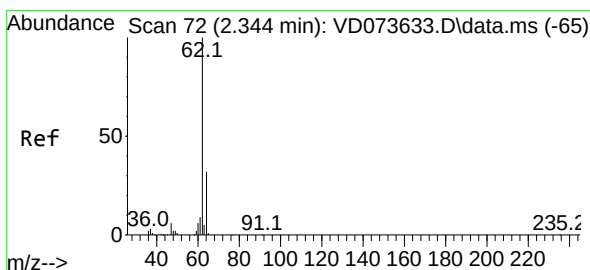
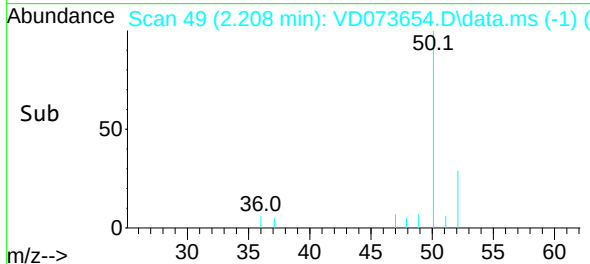
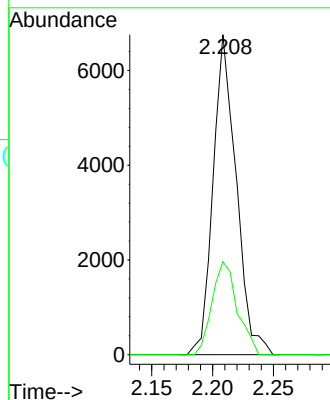
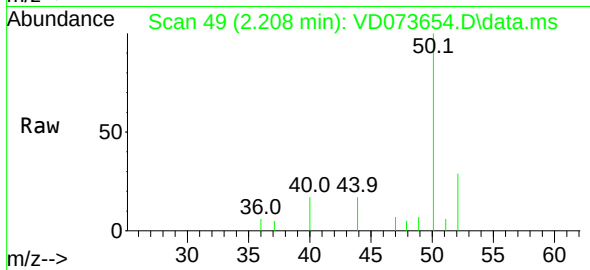
#3
Chloromethane
Concen: 4.720 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073654.D
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Tgt Ion: 50 Resp: 8910
Ion Ratio Lower Upper
50 100
52 29.1 27.8 41.8

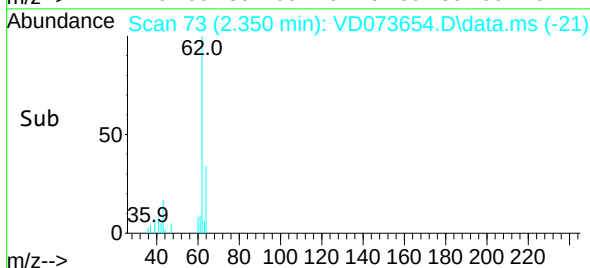
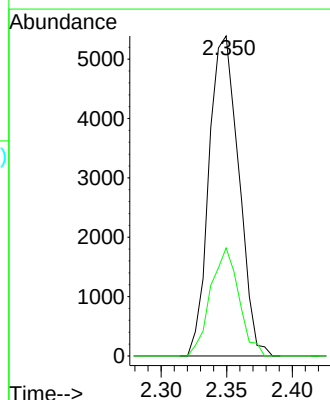
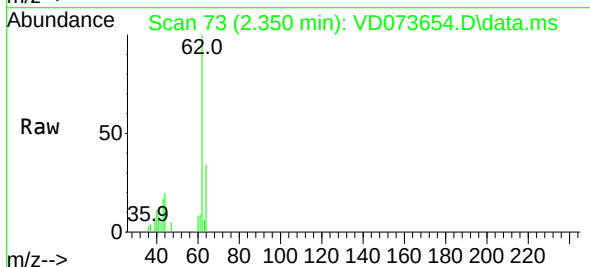
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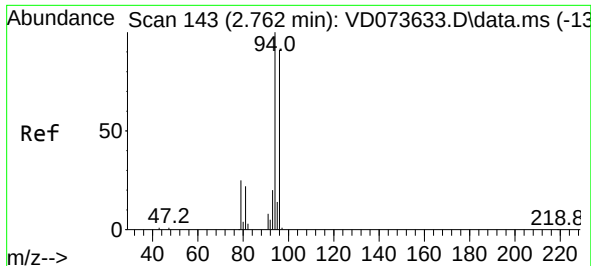
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#4
Vinyl Chloride
Concen: 4.780 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

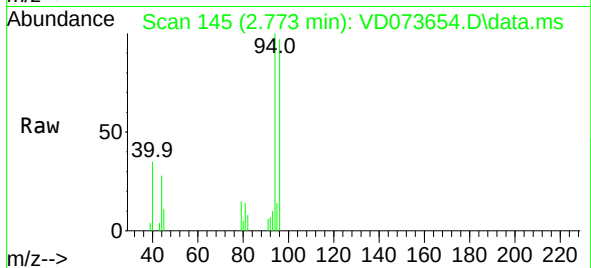
Tgt Ion: 62 Resp: 8508
Ion Ratio Lower Upper
62 100
64 33.8 25.9 38.9





#5
Bromomethane
Concen: 5.033 ug/l
RT: 2.773 min Scan# 143
Delta R.T. 0.011 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

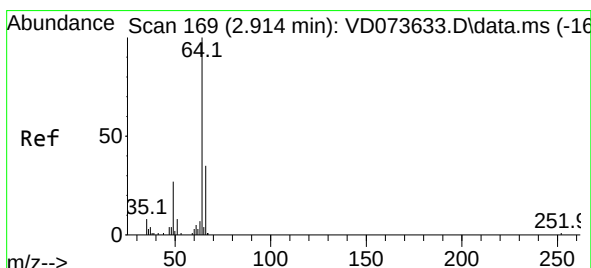
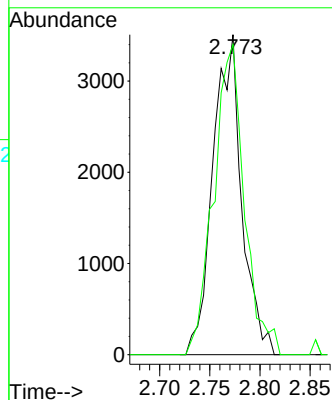
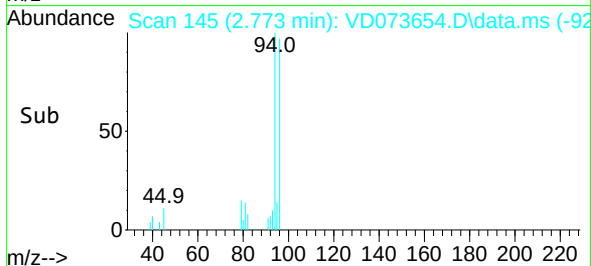
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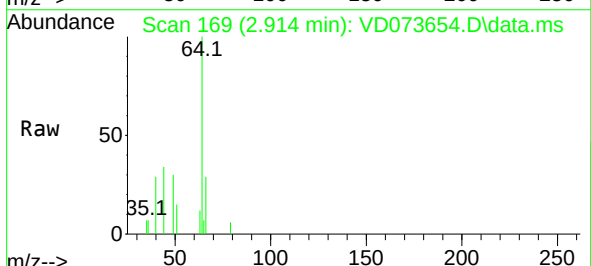
Tgt Ion: 94 Resp: 6992
Ion Ratio Lower Upper
94 100
96 96.9 72.6 108.8

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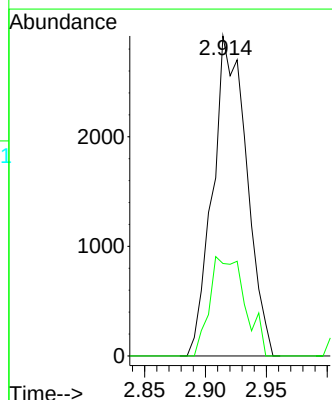
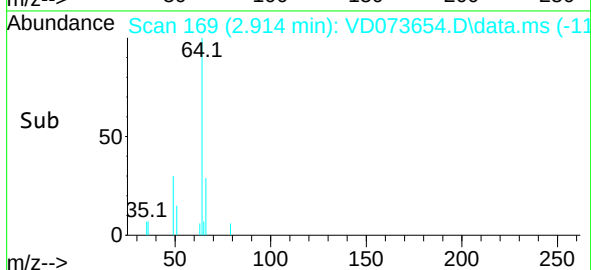
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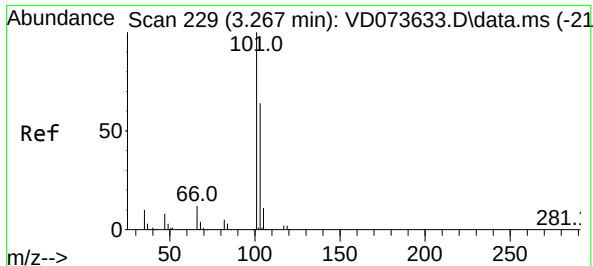


#6
Chloroethane
Concen: 4.896 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.000 min
Lab File: VD073654.D
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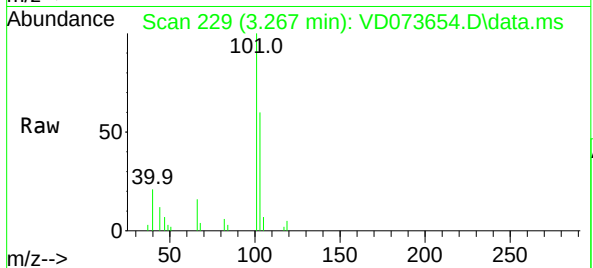
Tgt Ion: 64 Resp: 5639
Ion Ratio Lower Upper
64 100
66 28.9 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 4.589 ug/l
 RT: 3.267 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56

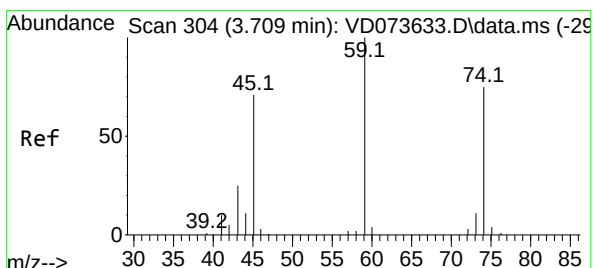
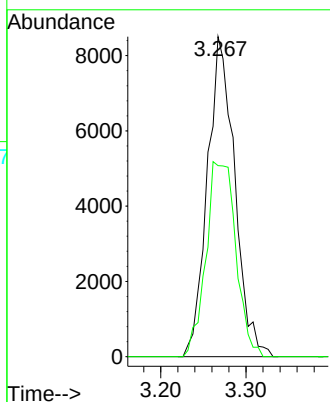
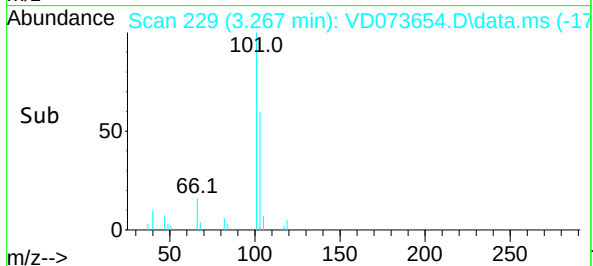
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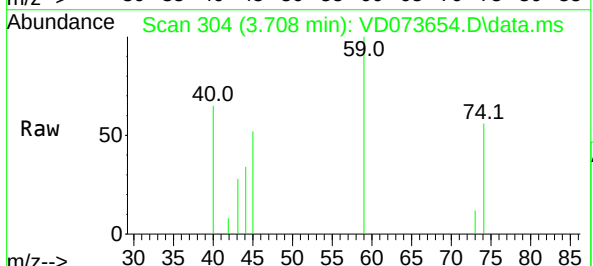
Tgt Ion:101 Resp: 1892
 Ion Ratio Lower Upper
 101 100
 103 59.7 51.2 76.8

Manual Integrations
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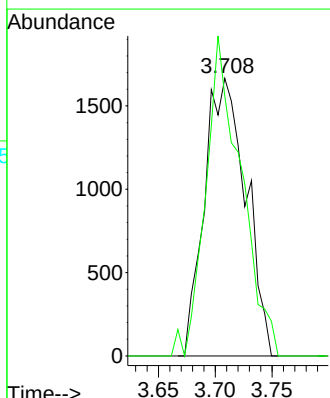
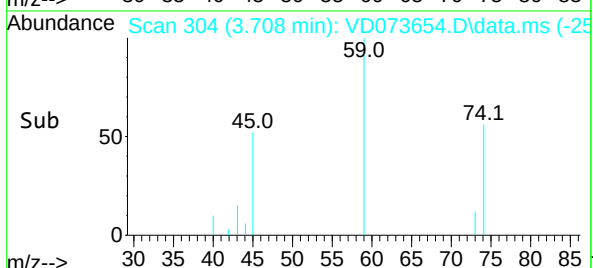
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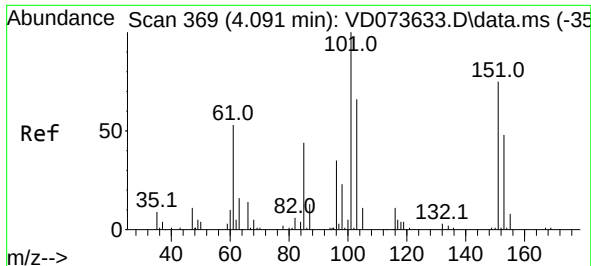


#8
 Diethyl Ether
 Concen: 3.928 ug/l
 RT: 3.708 min Scan# 304
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 4225
 Ion Ratio Lower Upper
 74 100
 45 98.1 47.6 142.8





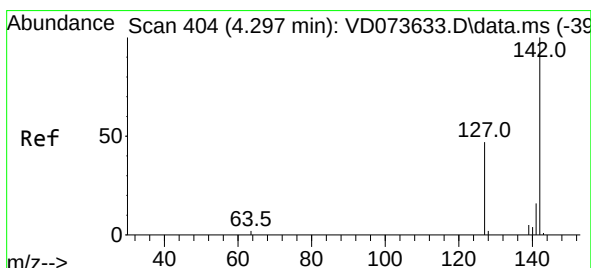
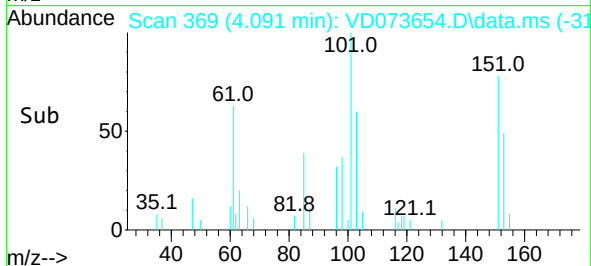
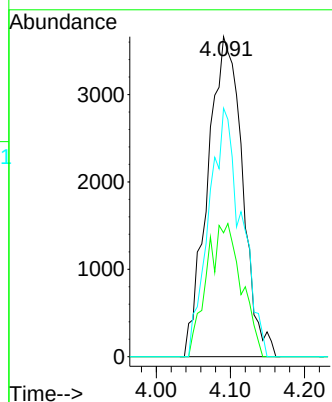
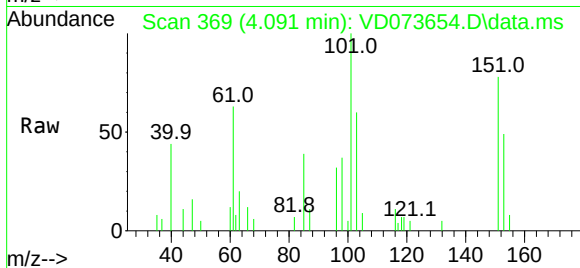
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.010 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion:101 Resp: 1193
Ion Ratio Lower Upper
101 100
85 41.6 35.2 52.8
151 72.7 63.4 95.0

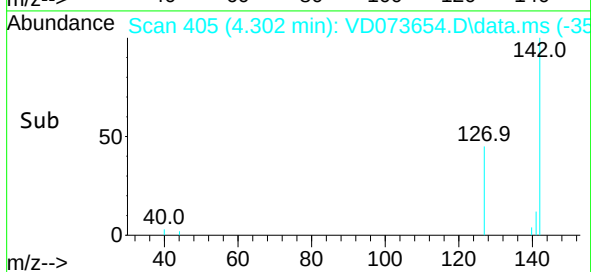
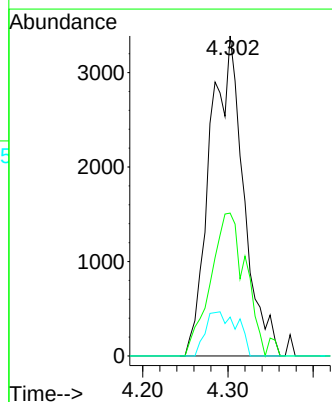
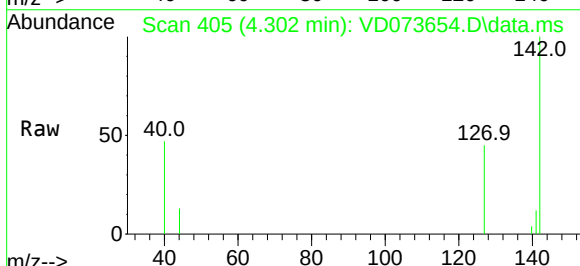
Manual Integrations
APPROVED

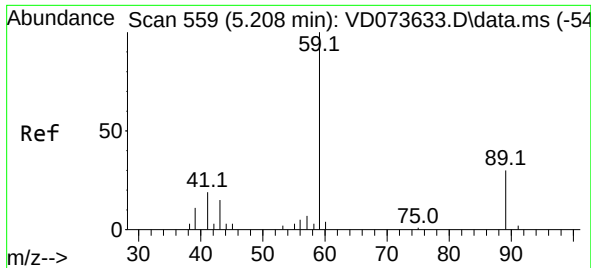
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#10
Methyl Iodide
Concen: 4.039 ug/l
RT: 4.302 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

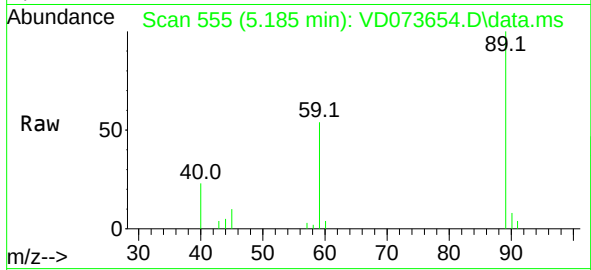
Tgt Ion:142 Resp: 9320
Ion Ratio Lower Upper
142 100
127 46.3 37.2 55.8
141 13.0 12.3 18.5





#11
Tert butyl alcohol
Concen: 48.962 ug/l
RT: 5.185 min Scan# 511
Delta R.T. -0.023 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

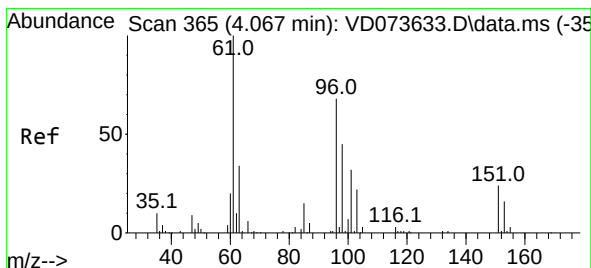
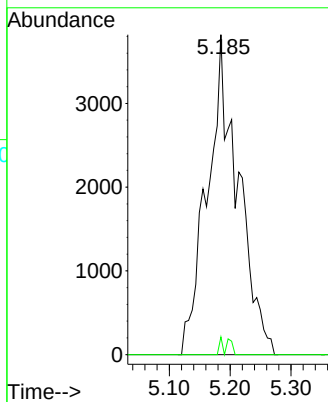
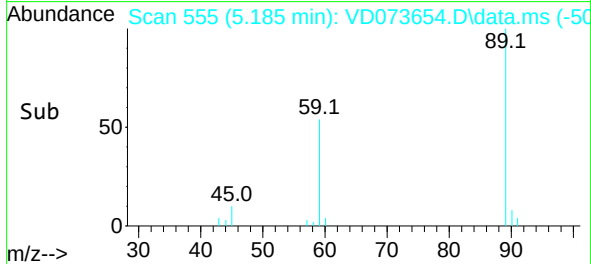
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



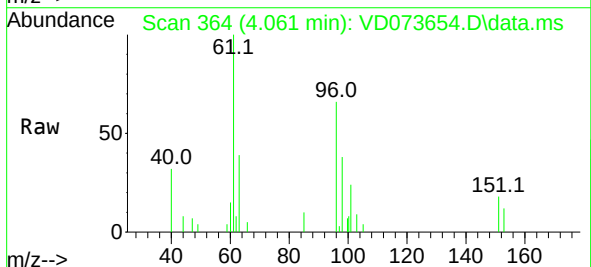
Tgt Ion: 59 Resp: 1344
Ion Ratio Lower Upper
59 100
57 0.9 6.7 10.1

Manual Integrations
APPROVED

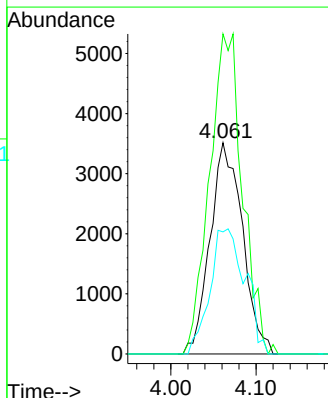
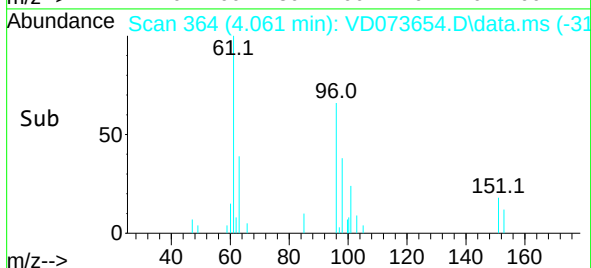
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

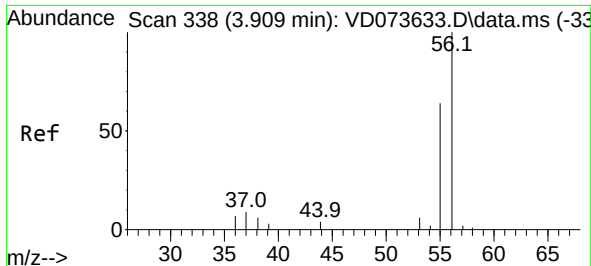


#12
1,1-Dichloroethene
Concen: 4.470 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56



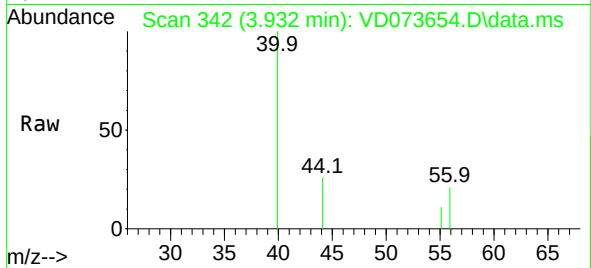
Tgt Ion: 96 Resp: 9307
Ion Ratio Lower Upper
96 100
61 151.5 118.5 177.7
98 57.8 52.8 79.2





#13
Acrolein
Concen: 10.842 ug/l m
RT: 3.932 min Scan# 34
Delta R.T. 0.023 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

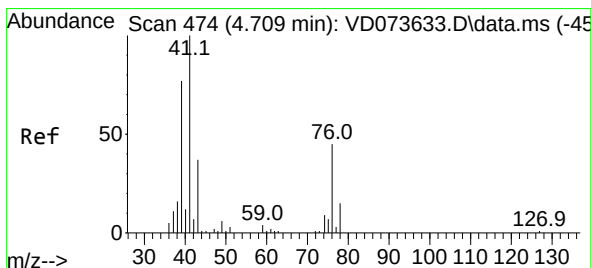
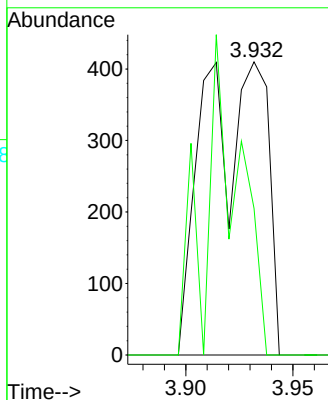
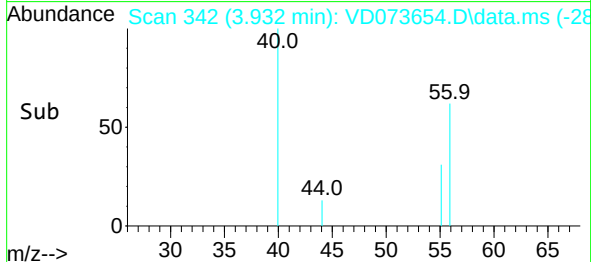
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



Tgt Ion: 56 Resp: 820
Ion Ratio Lower Upper
56 100
55 60.7 56.4 84.6

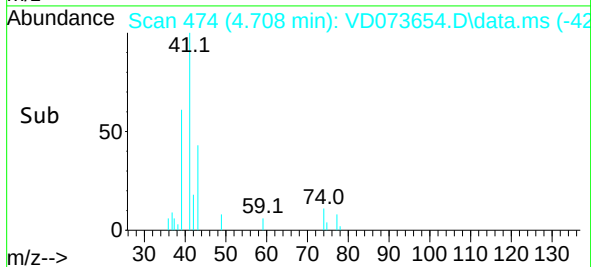
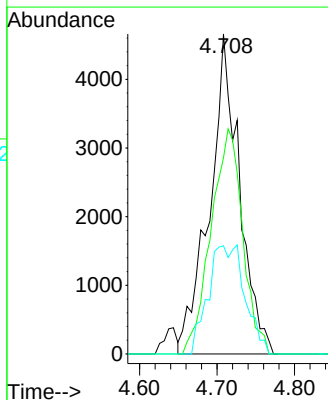
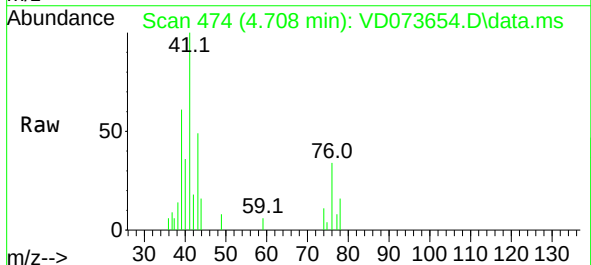
Manual Integrations
APPROVED

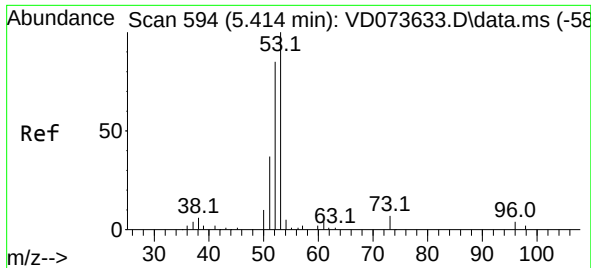
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#14
Allyl chloride
Concen: 4.171 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

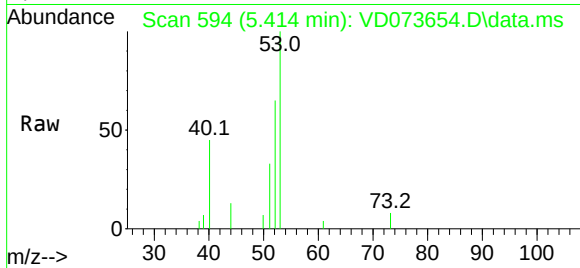
Tgt Ion: 41 Resp: 12496
Ion Ratio Lower Upper
41 100
39 74.5 57.3 85.9
76 41.8 33.4 50.0





#15
Acrylonitrile
Concen: 22.525 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

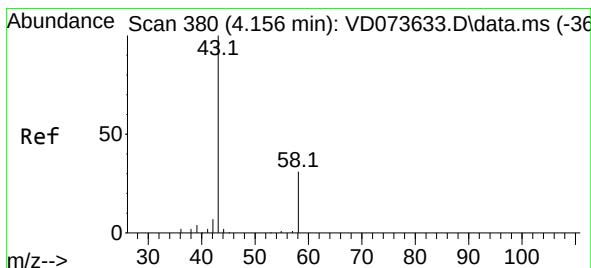
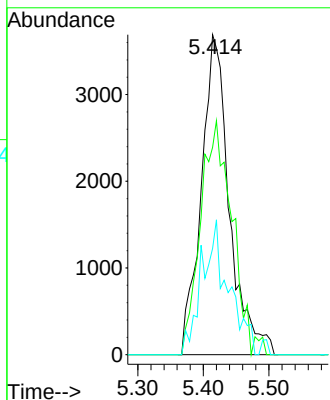
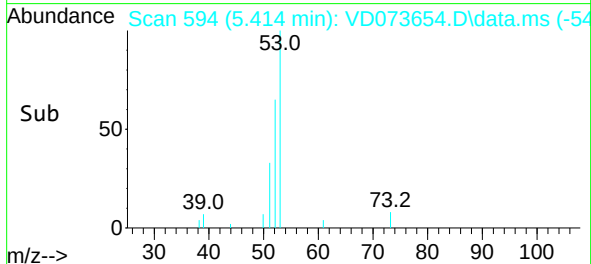
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



Tgt Ion: 53 Resp: 10992
Ion Ratio Lower Upper
53 100
52 81.5 64.6 97.0
51 40.0 29.6 44.4

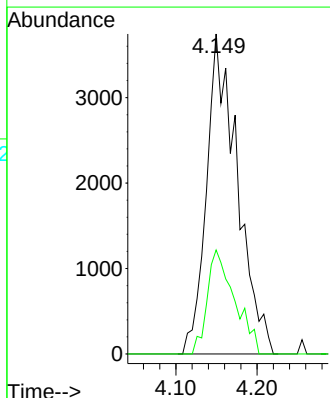
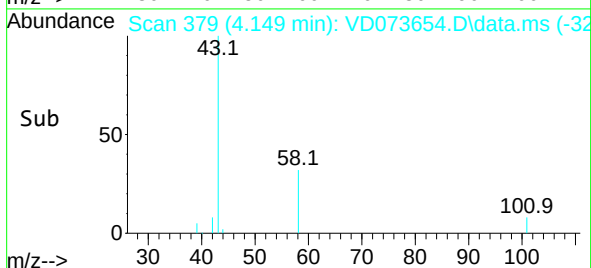
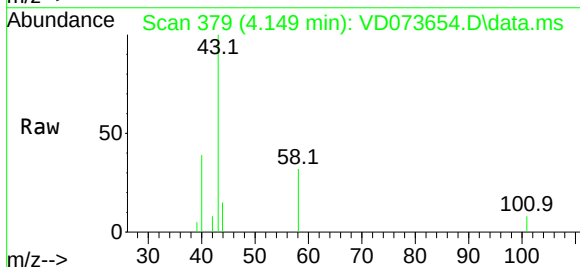
Manual Integrations
APPROVED

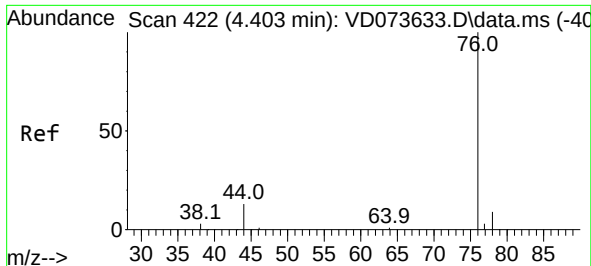
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#16
Acetone
Concen: 24.967 ug/l
RT: 4.149 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

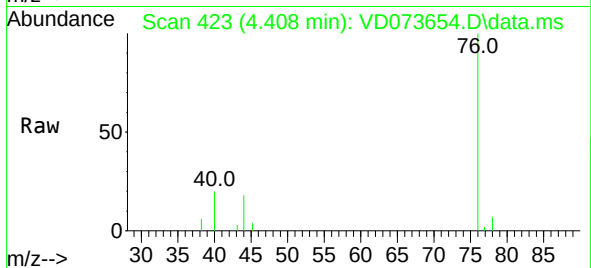
Tgt Ion: 43 Resp: 9866
Ion Ratio Lower Upper
43 100
58 32.5 25.0 37.4





#17
Carbon Disulfide
Concen: 3.997 ug/l
RT: 4.408 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

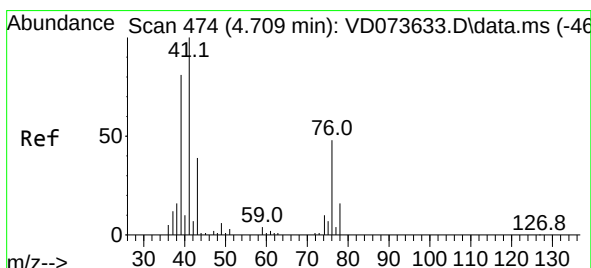
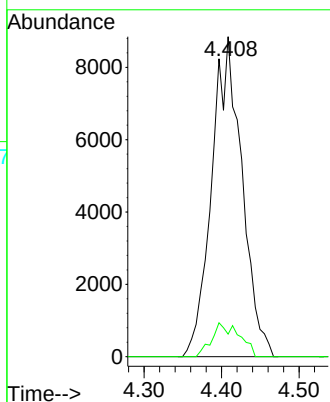
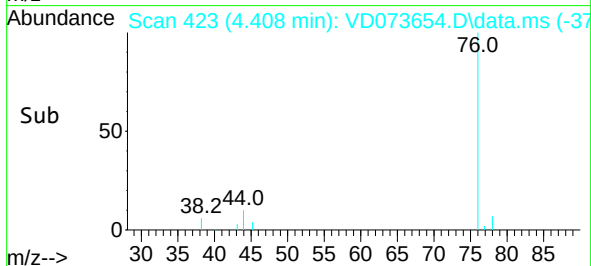
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



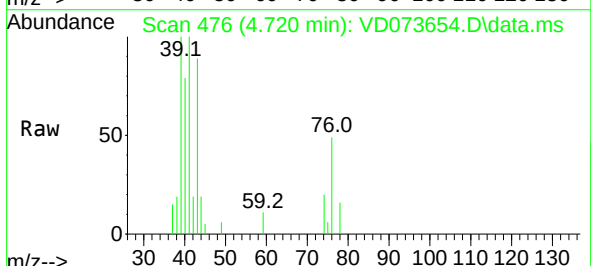
Tgt Ion: 76 Resp: 23990
Ion Ratio Lower Upper
76 100
78 7.1 7.0 10.4

Manual Integrations
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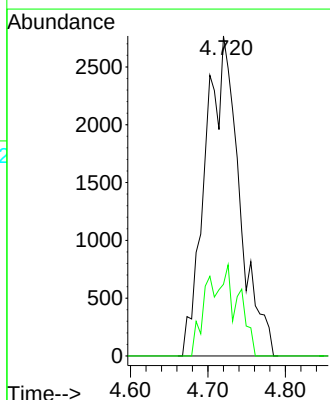
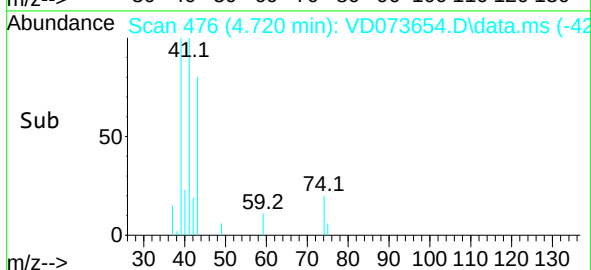
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

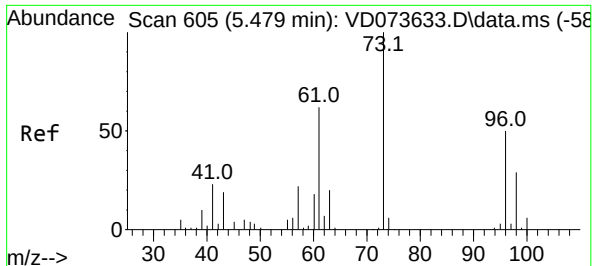


#18
Methyl Acetate
Concen: 6.692 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.011 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56



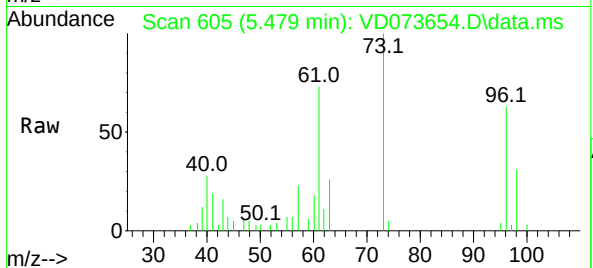
Tgt Ion: 43 Resp: 8463
Ion Ratio Lower Upper
43 100
74 9.6 21.2 31.8#





#19
Methyl tert-butyl Ether
Concen: 4.328 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

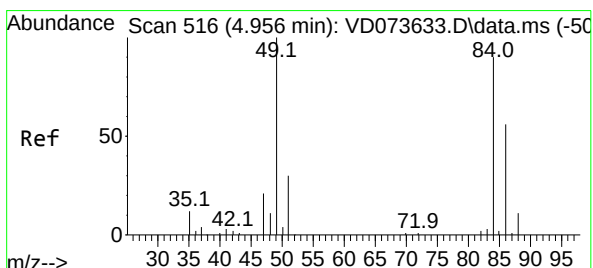
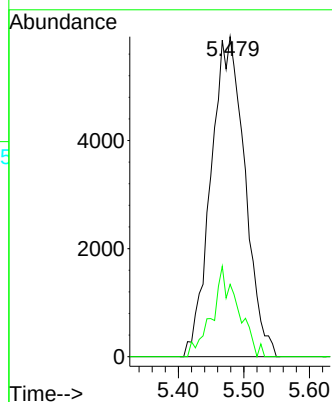
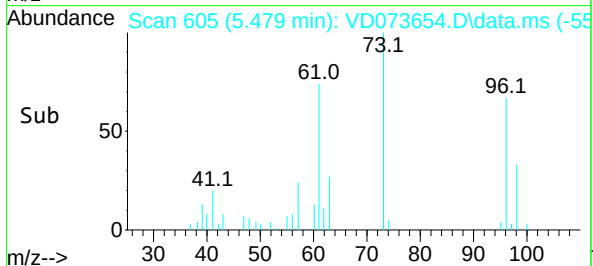
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



Tgt Ion: 73 Resp: 2132
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5

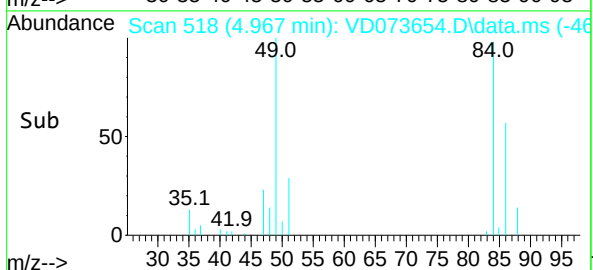
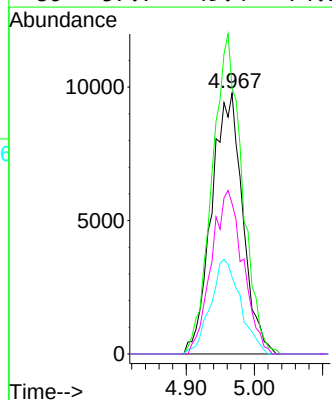
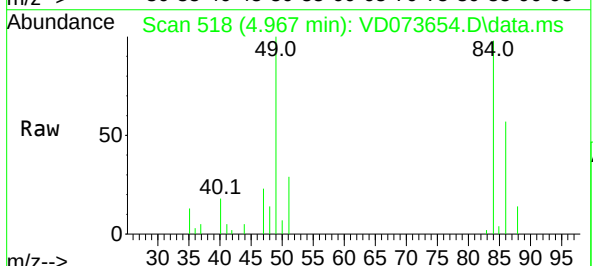
Manual Integrations
APPROVED

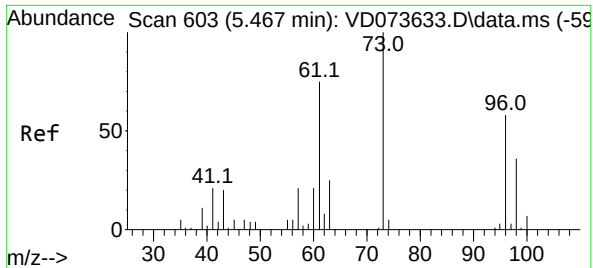
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#20
Methylene Chloride
Concen: 9.792 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.011 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

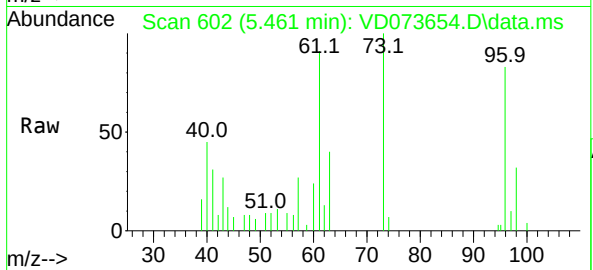
Tgt Ion: 84 Resp: 30980
Ion Ratio Lower Upper
84 100
49 102.1 89.0 133.6
51 29.6 26.7 40.1
86 57.7 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 4.537 ug/l
RT: 5.461 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

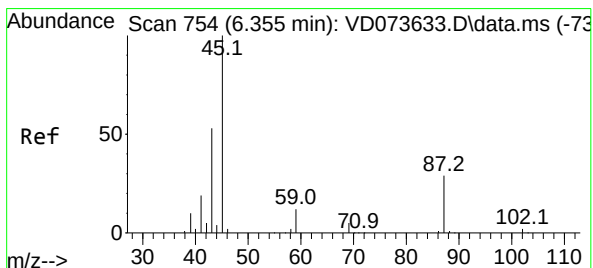
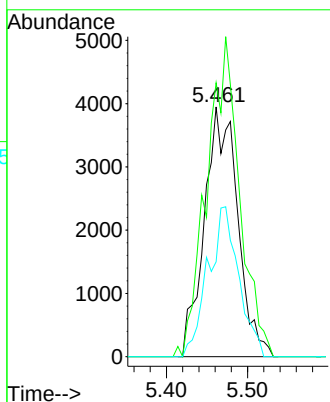
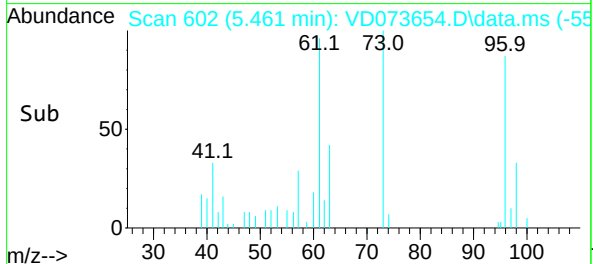
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



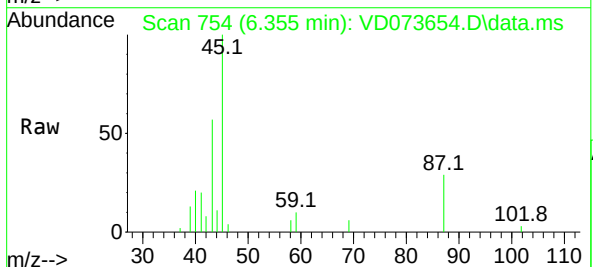
Tgt Ion: 96 Resp: 1123
Ion Ratio Lower Upper
96 100
61 109.7 103.2 154.8
98 38.0 50.2 75.4

Manual Integrations
APPROVED

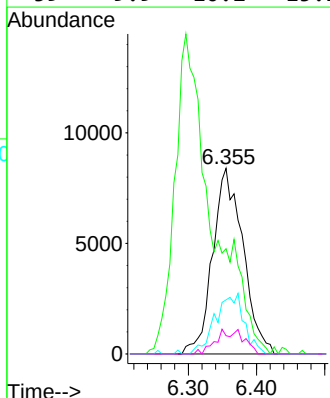
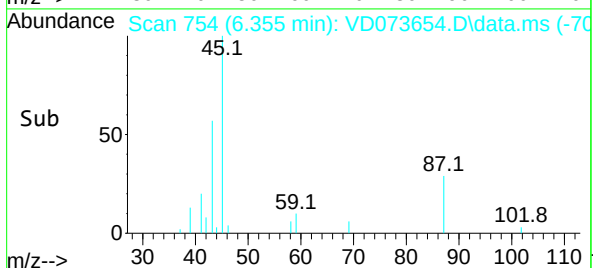
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

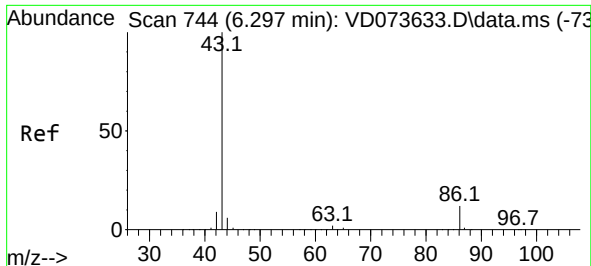


#22
Diisopropyl ether
Concen: 3.852 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56



Tgt Ion: 45 Resp: 25894
Ion Ratio Lower Upper
45 100
43 56.8 43.8 65.6
87 29.2 23.8 35.6
59 9.9 10.2 15.2





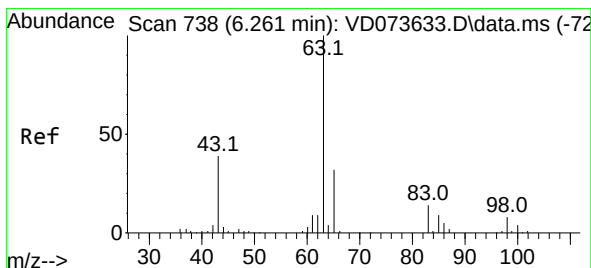
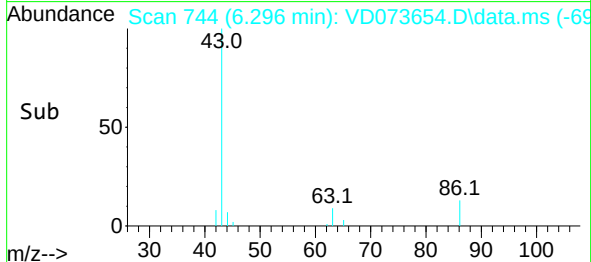
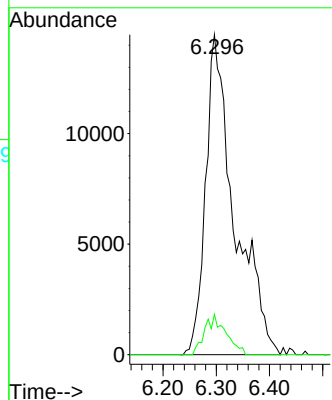
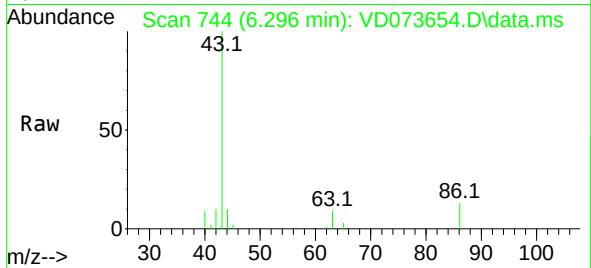
#23
 Vinyl Acetate
 Concen: 15.506 ug/l
 RT: 6.296 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 43 Resp: 5450
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.4 14.0

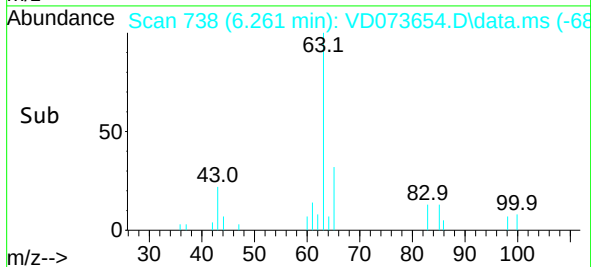
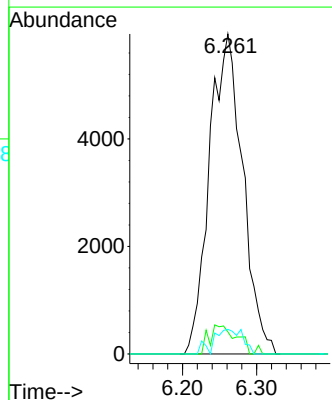
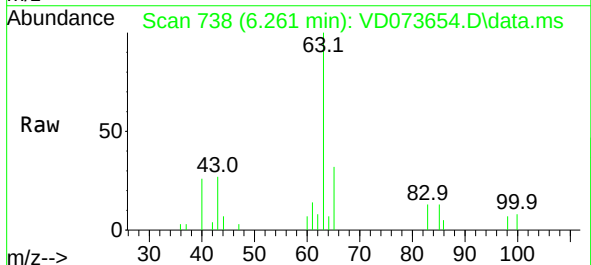
Manual Integrations
 APPROVED

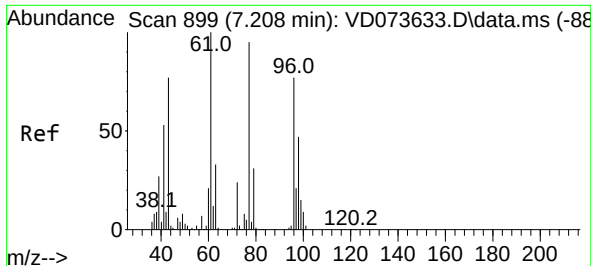
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022



#24
 1,1-Dichloroethane
 Concen: 4.115 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56

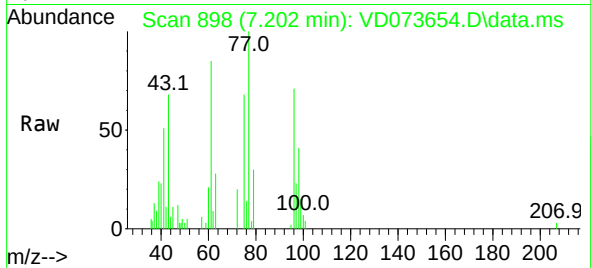
Tgt Ion: 63 Resp: 18522
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.1 12.3
 100 7.7 2.1 6.2#





#25
2-Butanone
Concen: 22.244 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

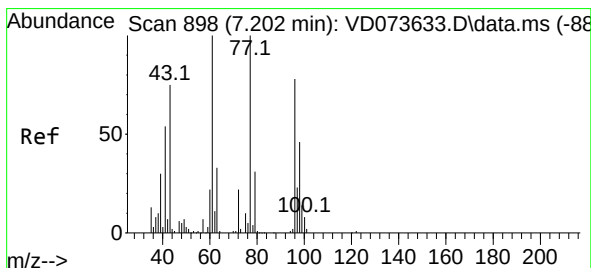
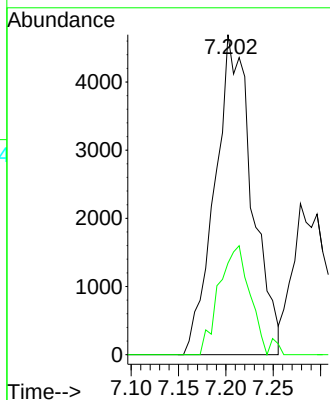
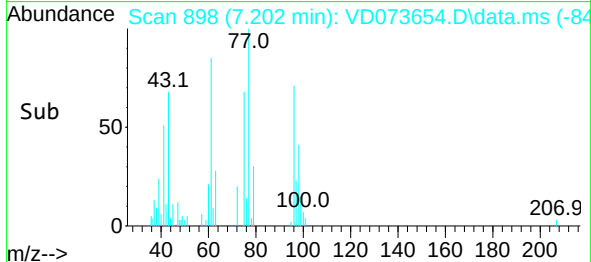
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



Tgt Ion: 43 Resp: 12790
Ion Ratio Lower Upper
43 100
72 28.6 24.7 37.1

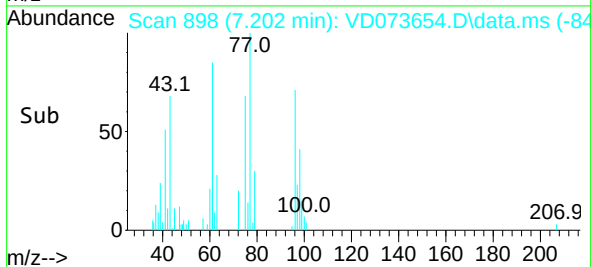
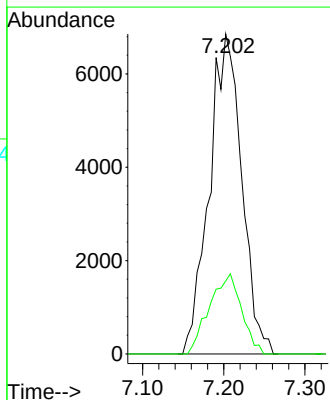
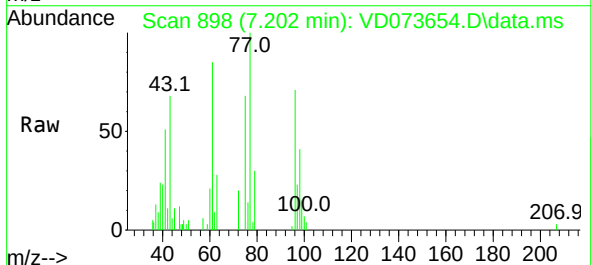
Manual Integrations
APPROVED

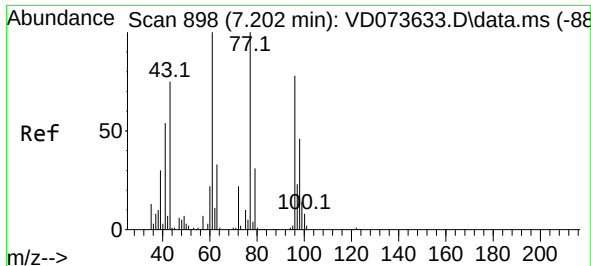
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#26
2,2-Dichloropropane
Concen: 4.613 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

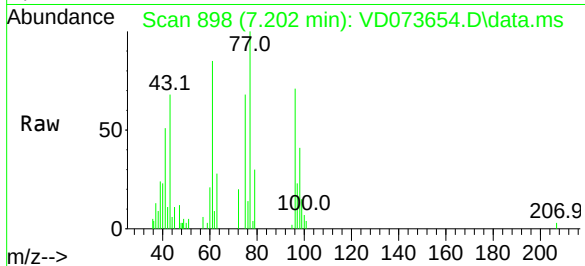
Tgt Ion: 77 Resp: 19075
Ion Ratio Lower Upper
77 100
97 24.7 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 3.986 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

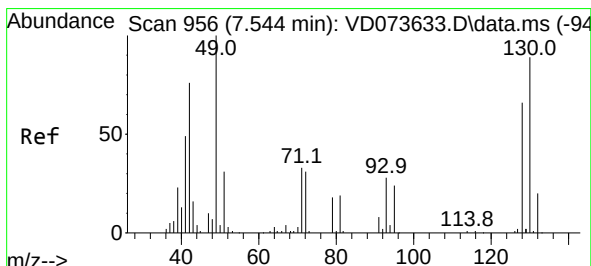
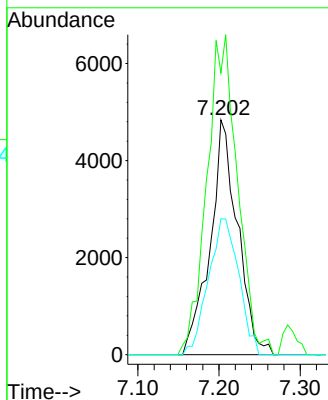
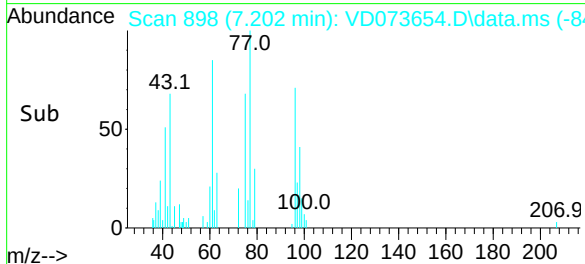
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



Tgt Ion: 96 Resp: 1138
Ion Ratio Lower Upper
96 100
61 152.5 0.0 273.2
98 63.9 0.0 126.8

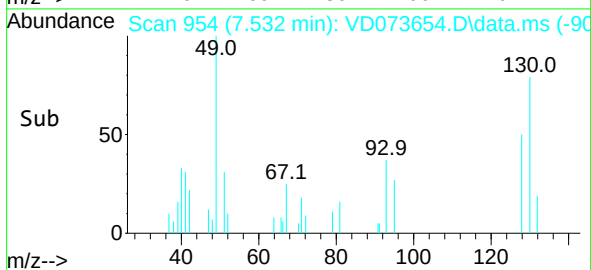
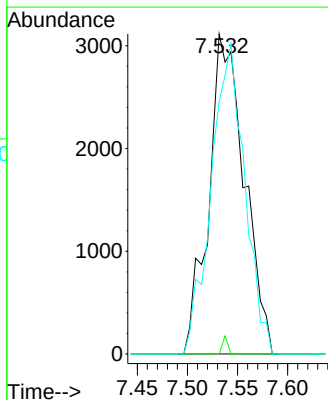
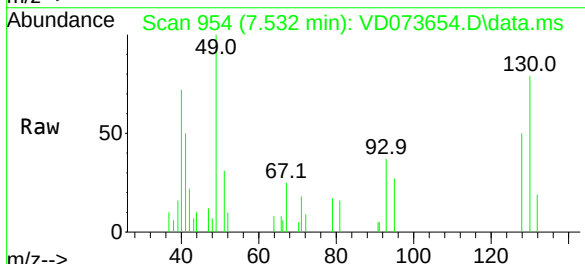
Manual Integrations
APPROVED

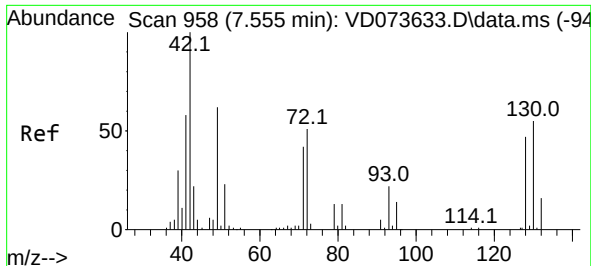
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#28
Bromochloromethane
Concen: 4.550 ug/l
RT: 7.532 min Scan# 954
Delta R.T. -0.012 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 49 Resp: 7670
Ion Ratio Lower Upper
49 100
129 0.8 0.0 4.8
130 91.6 72.2 108.2





#29

Tetrahydrofuran

Concen: 17.959 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073654.D

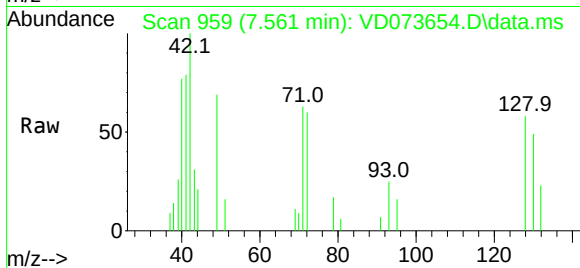
Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

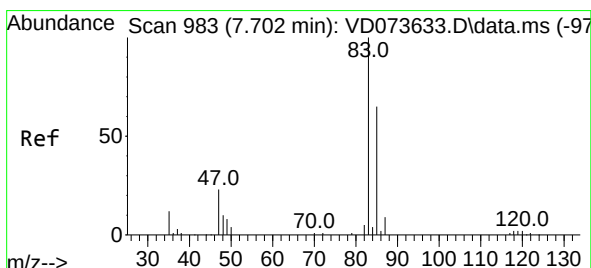
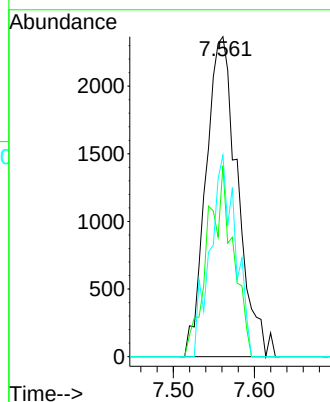


Tgt Ion:	42	Resp:	640
Ion Ratio	Lower	Upper	
42	100		
72	23.9	37.9	56.9
71	50.2	35.2	52.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#30

Chloroform

Concen: 4.259 ug/l

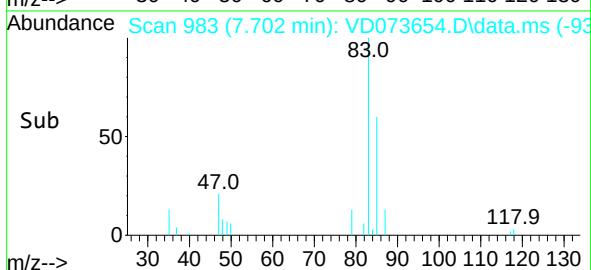
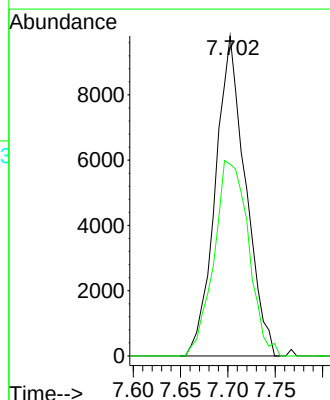
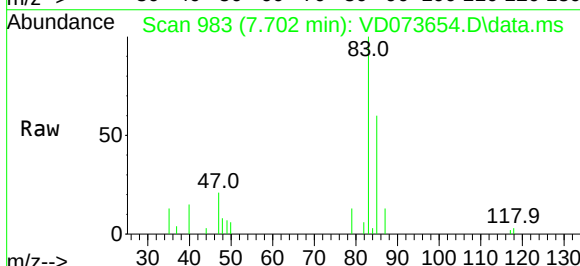
RT: 7.702 min Scan# 983

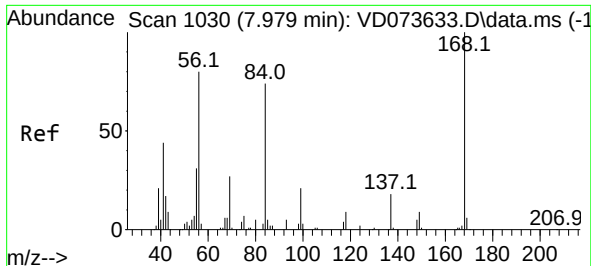
Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

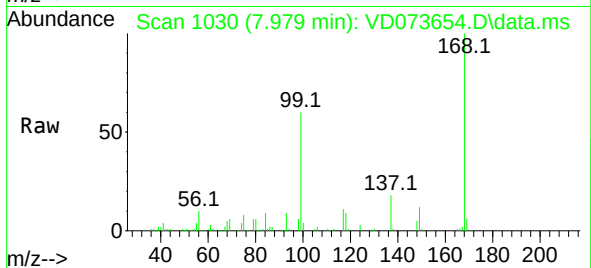
Tgt Ion:	83	Resp:	21702
Ion Ratio	Lower	Upper	
83	100		
85	60.0	51.8	77.8





#31
Cyclohexane
Concen: 5.083 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

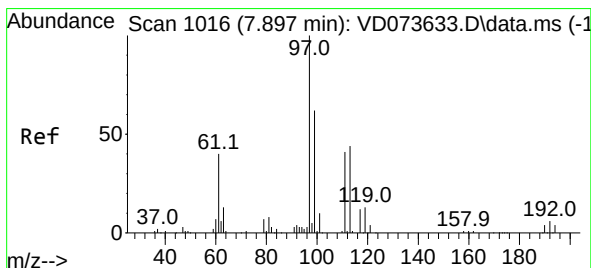
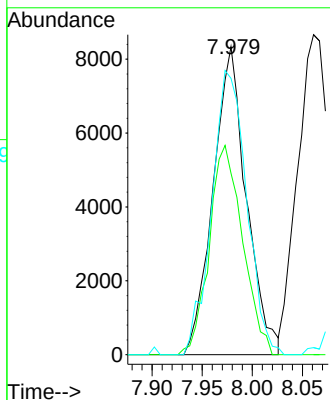
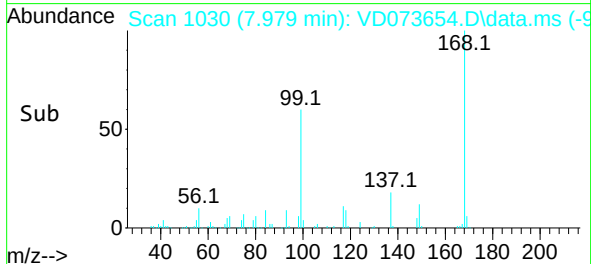
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



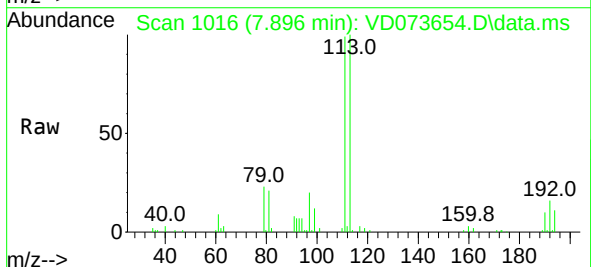
Tgt Ion: 56 Resp: 1922
Ion Ratio Lower Upper
56 100
69 58.9 26.9 40.3
84 89.7 73.8 110.8

Manual Integrations
APPROVED

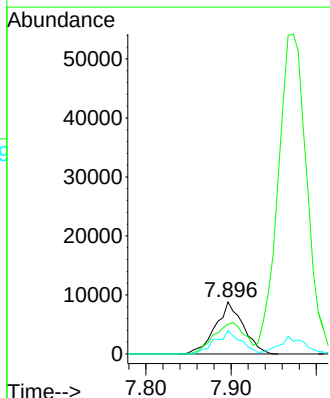
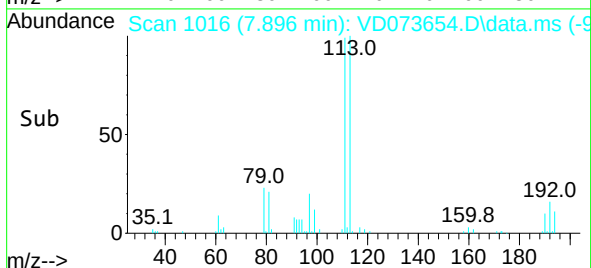
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

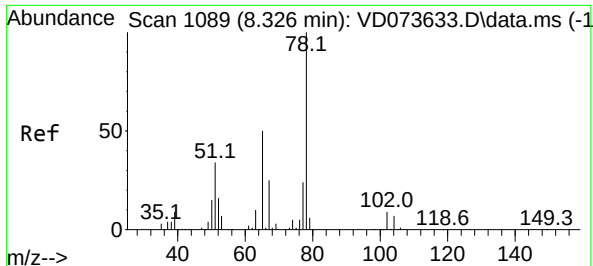


#32
1,1,1-Trichloroethane
Concen: 4.396 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56



Tgt Ion: 97 Resp: 19931
Ion Ratio Lower Upper
97 100
99 67.0 51.0 76.4
61 41.3 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 51.684 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 65 Resp: 128469

Ion Ratio Lower Upper

65 100

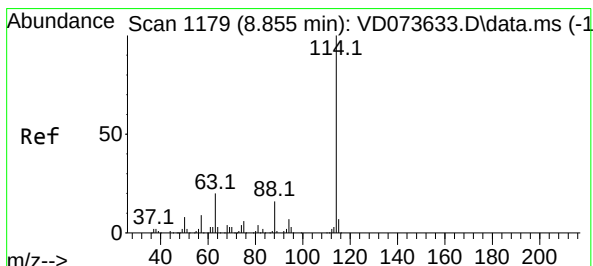
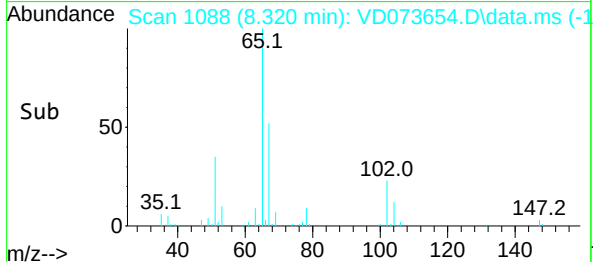
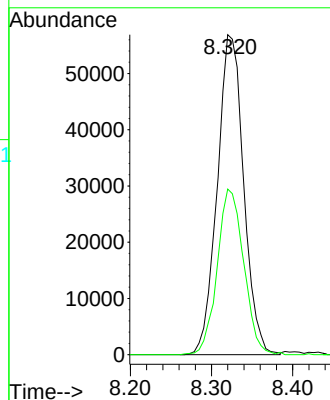
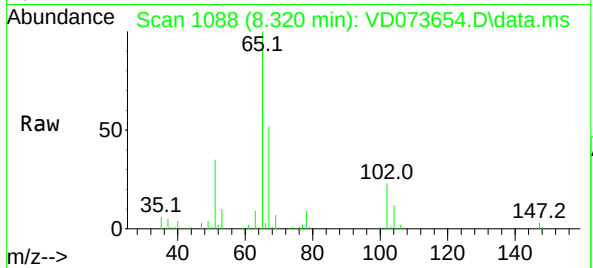
67 52.0 0.0 102.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

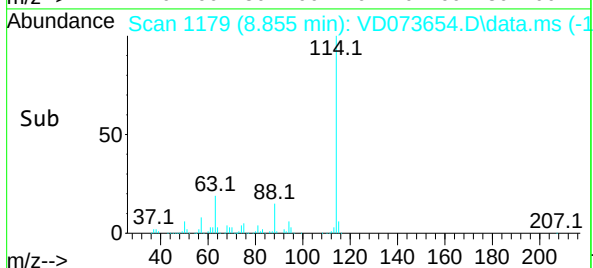
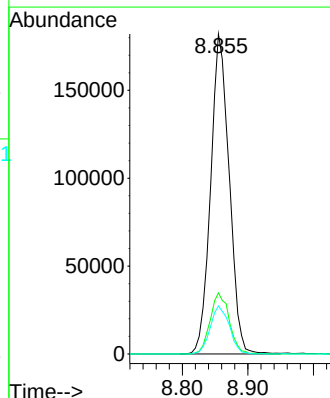
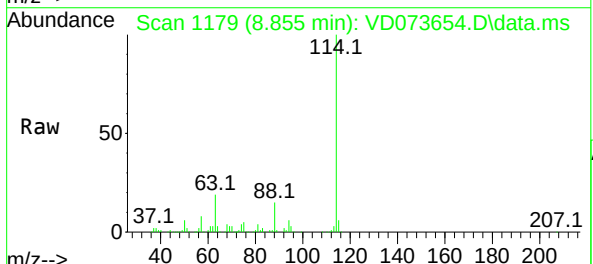
Tgt Ion:114 Resp: 357816

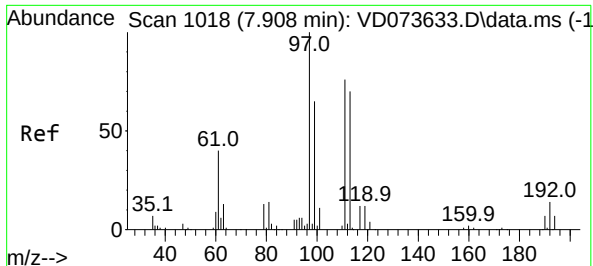
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.4

88 15.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.656 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073654.D

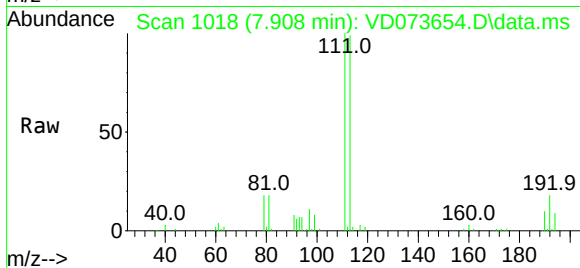
Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

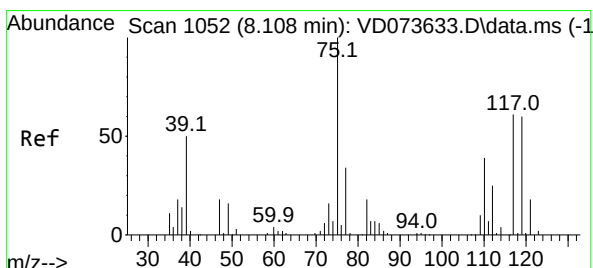
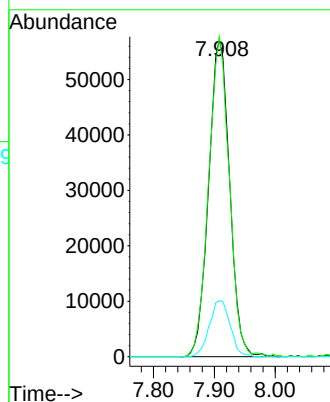
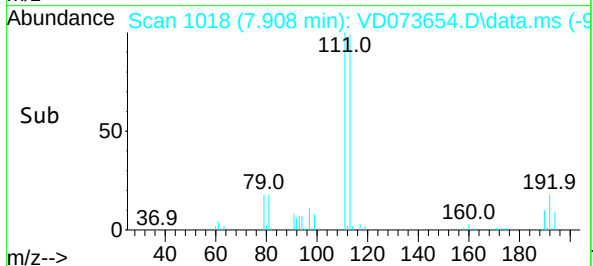


Tgt Ion:	113	Resp:	13668
Ion Ratio	Lower	Upper	
113	100		
111	99.4	81.1	121.7
192	17.6	14.3	21.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#36

1,1-Dichloropropene

Concen: 4.469 ug/l

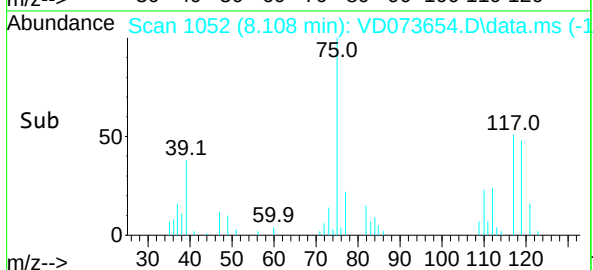
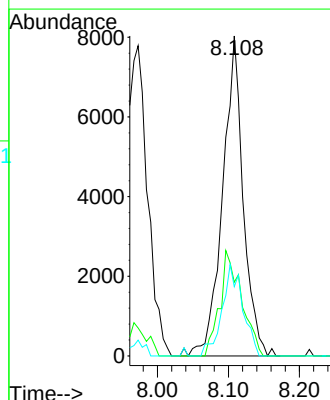
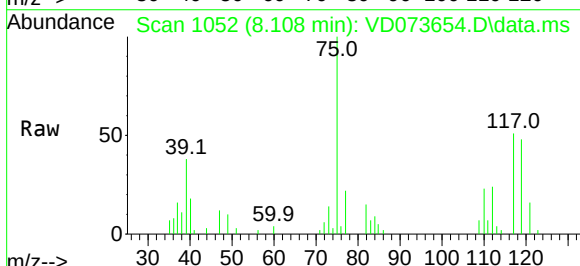
RT: 8.108 min Scan# 1052

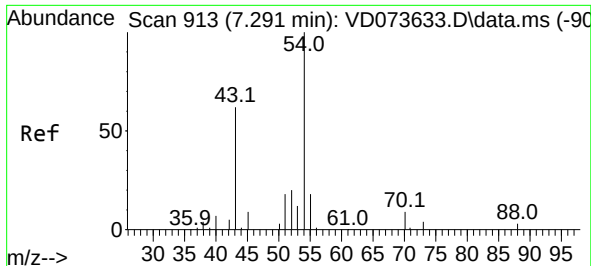
Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Tgt Ion:	75	Resp:	16248
Ion Ratio	Lower	Upper	
75	100		
110	34.7	18.4	55.4
77	28.6	25.7	38.5





#37

Ethyl Acetate

Concen: 3.701 ug/l m

RT: 7.279 min Scan# 913

Delta R.T. -0.012 min

Lab File: VD073654.D

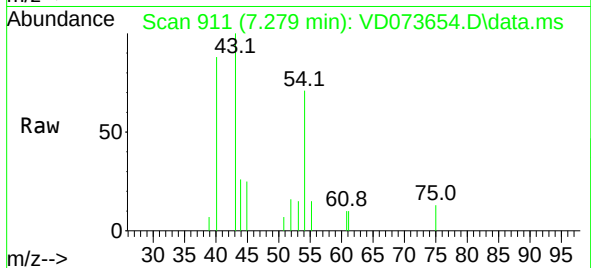
Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022



Tgt Ion: 43 Resp: 5178

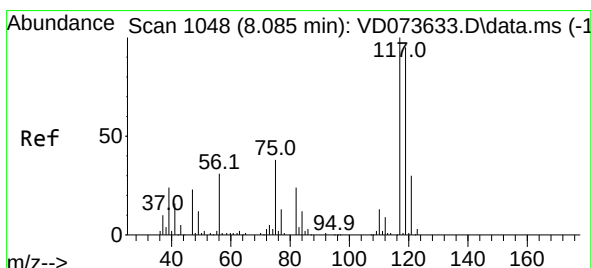
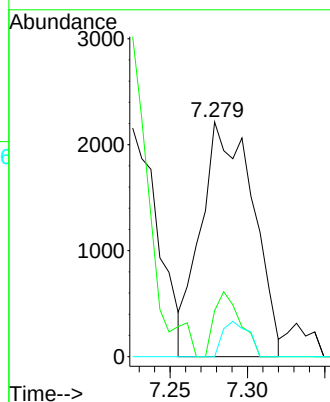
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.5	15.7
70	7.5	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#38

Carbon Tetrachloride

Concen: 4.242 ug/l

RT: 8.096 min Scan# 1050

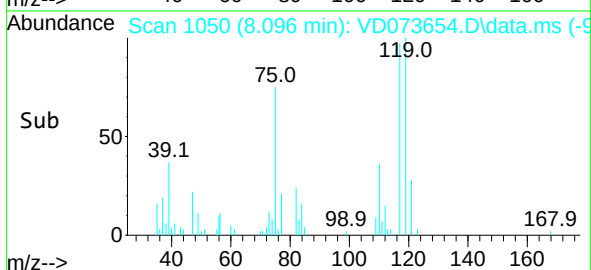
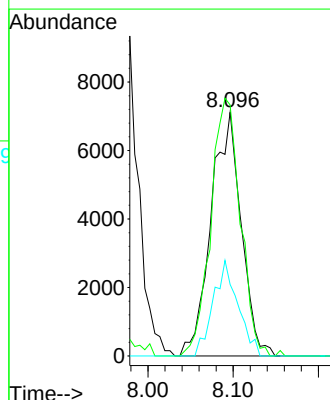
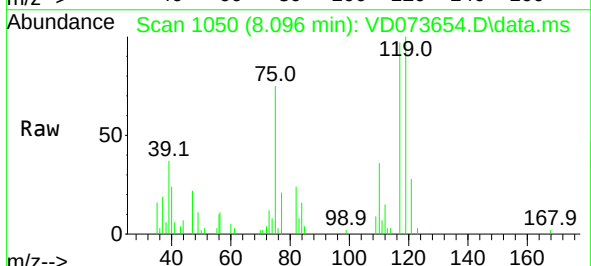
Delta R.T. 0.012 min

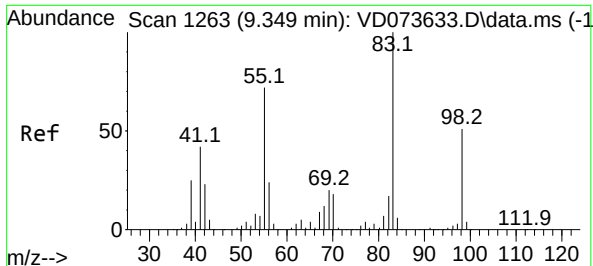
Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Tgt Ion:117 Resp: 17517

Ion	Ratio	Lower	Upper
117	100		
119	103.0	75.6	113.4
121	29.3	24.2	36.4





#39

Methylcyclohexane

Concen: 3.735 ug/l

RT: 9.343 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

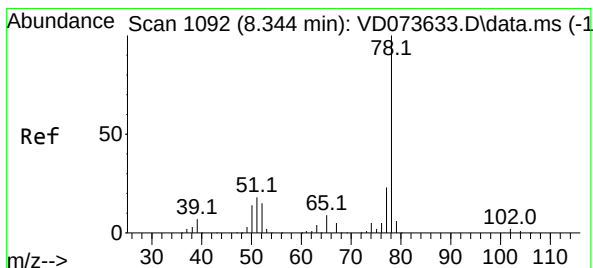
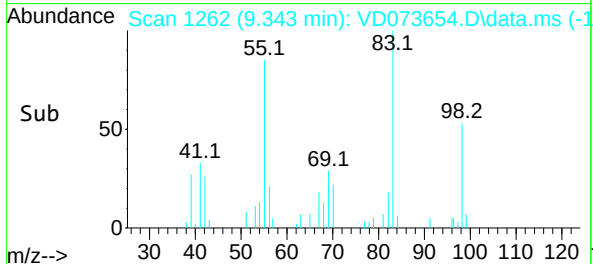
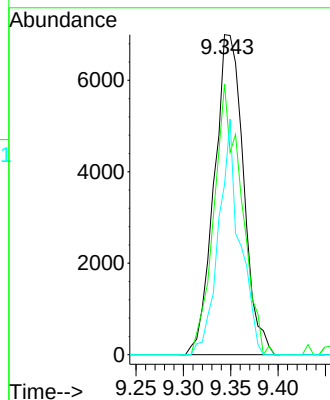
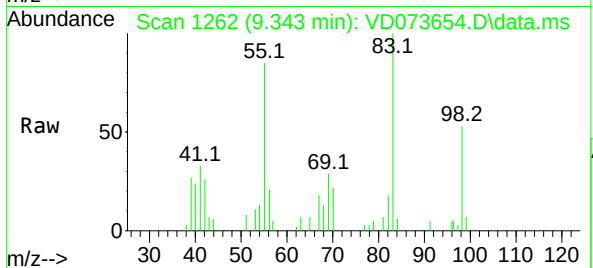
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 83	Resp: 1504
Ion Ratio	Lower Upper
83	100
55	84.6 57.4 86.2
98	53.1 40.6 60.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#40

Benzene

Concen: 4.134 ug/l

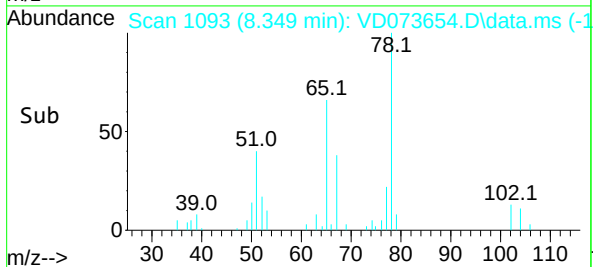
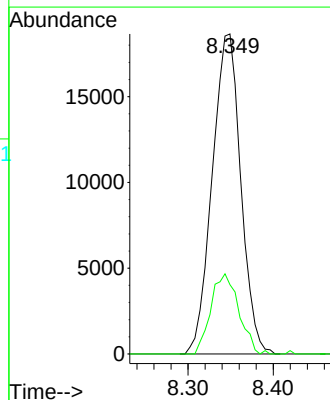
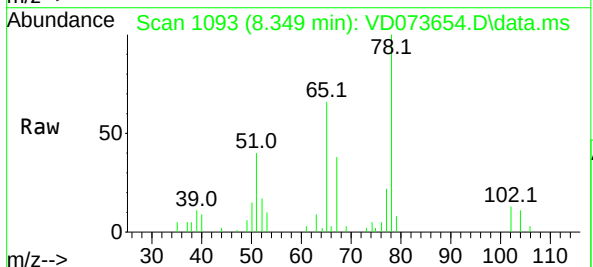
RT: 8.349 min Scan# 1093

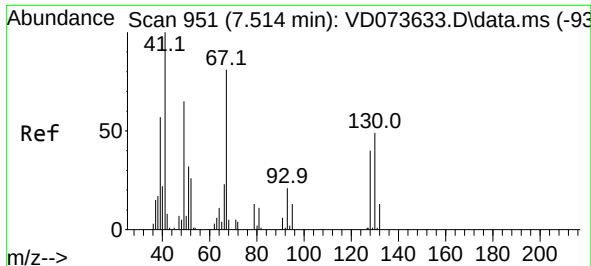
Delta R.T. 0.006 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

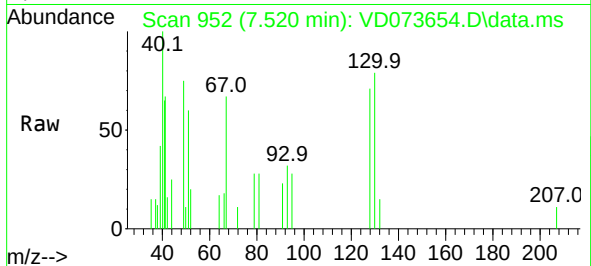
Tgt Ion: 78	Resp: 43476
Ion Ratio	Lower Upper
78	100
77	21.6 18.6 27.8





#41
Methacrylonitrile
Concen: 5.555 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

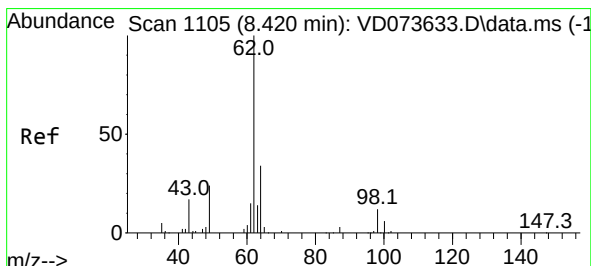
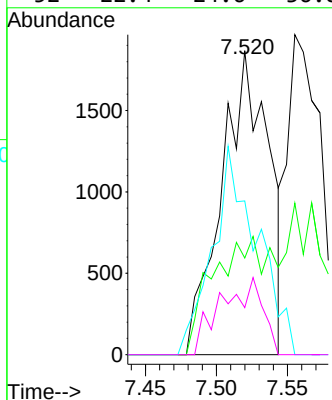
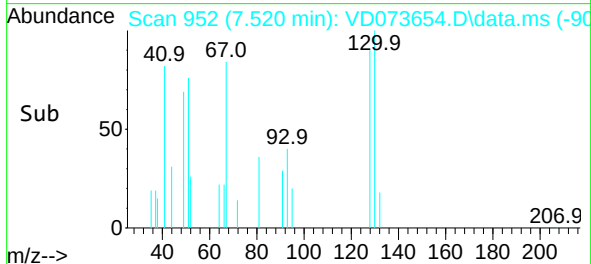
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



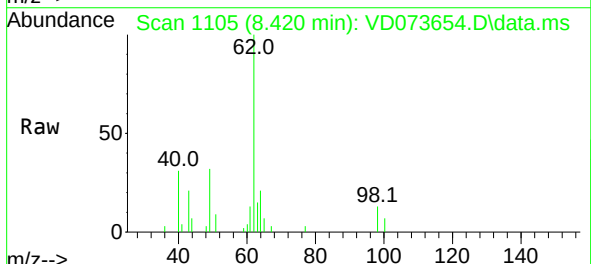
Tgt Ion: 41 Resp: 430
Ion Ratio Lower Upper
41 100
39 38.9 43.0 64.6
67 64.7 60.8 91.2
52 22.4 24.6 36.8#

Manual Integrations
APPROVED

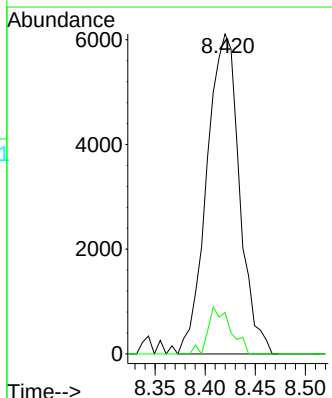
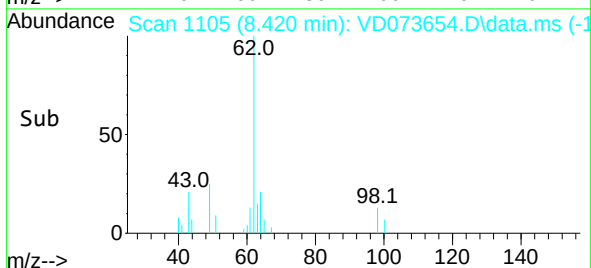
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

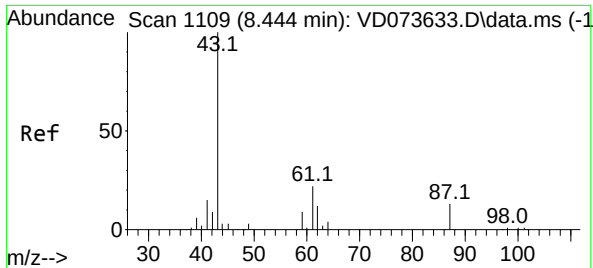


#42
1,2-Dichloroethane
Concen: 4.397 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56



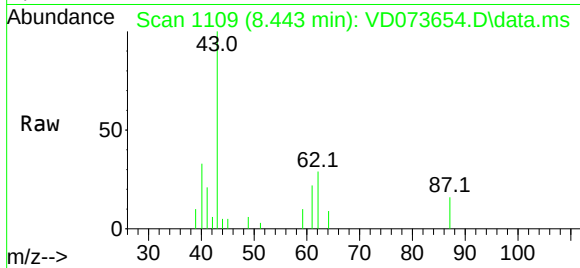
Tgt Ion: 62 Resp: 13815
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.6





#43
Isopropyl Acetate
Concen: 4.172 ug/l
RT: 8.443 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

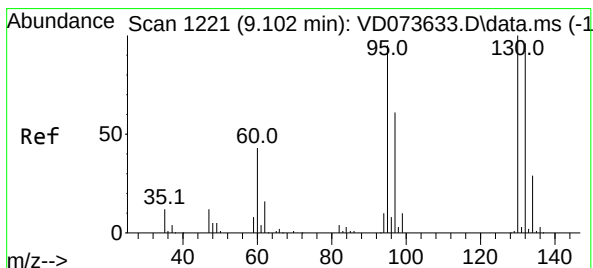
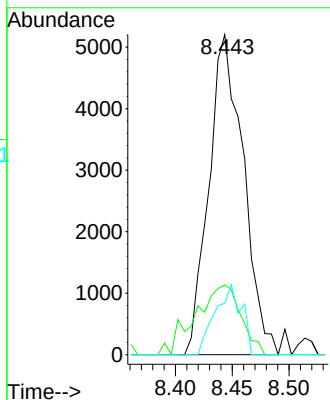
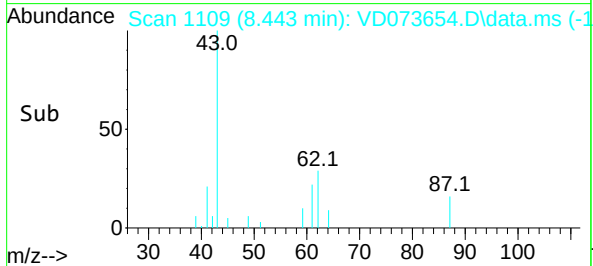
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



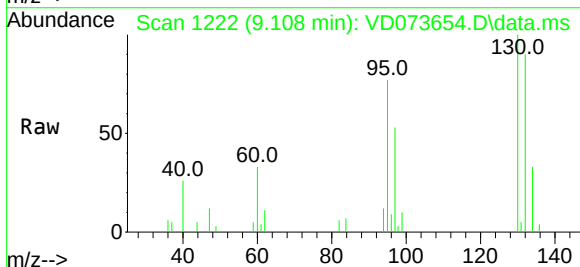
Tgt Ion: 43 Resp: 10980
Ion Ratio Lower Upper
43 100
61 28.9 27.0 40.6
87 16.7 11.8 17.8

Manual Integrations
APPROVED

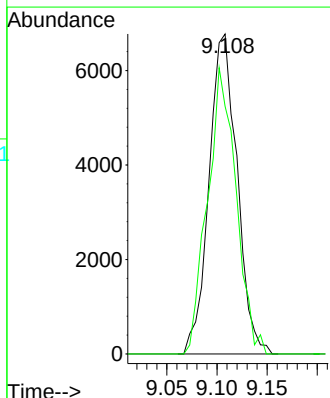
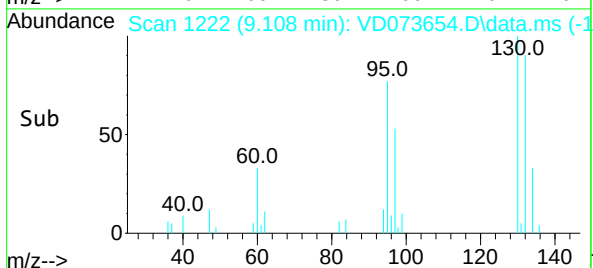
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

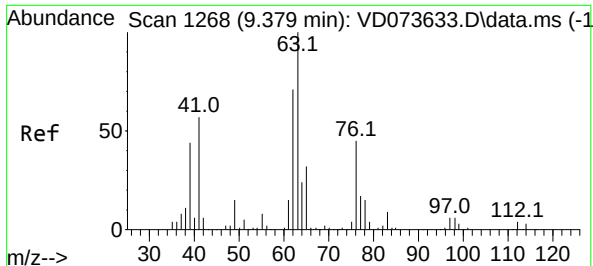


#44
Trichloroethene
Concen: 4.408 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56



Tgt Ion:130 Resp: 13203
Ion Ratio Lower Upper
130 100
95 77.4 0.0 190.0





#45

1,2-Dichloropropane

Concen: 4.336 ug/l

RT: 9.379 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 63 Resp: 1146

Ion Ratio Lower Upper

63 100

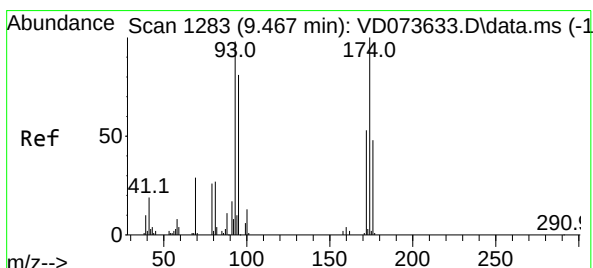
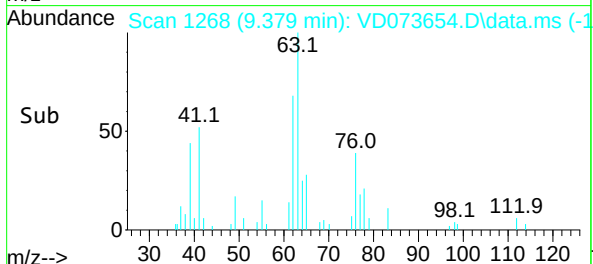
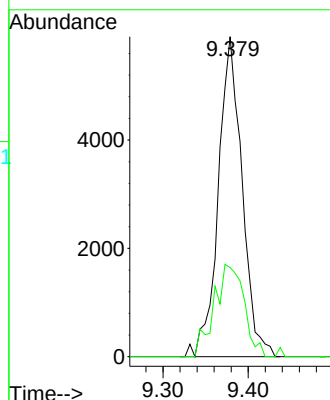
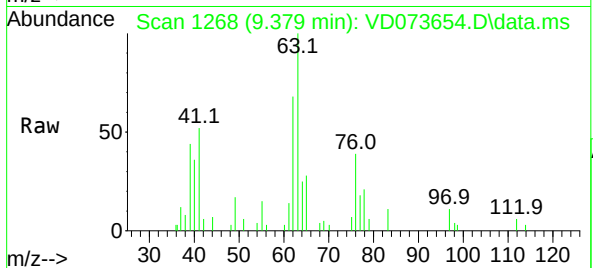
65 27.9 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#46

Dibromomethane

Concen: 4.112 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

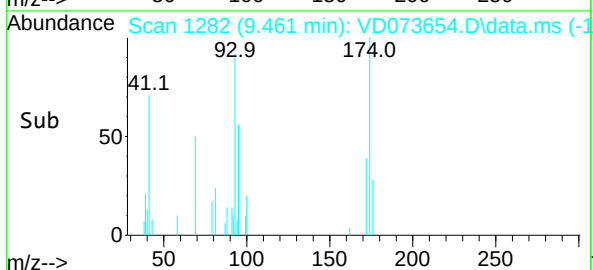
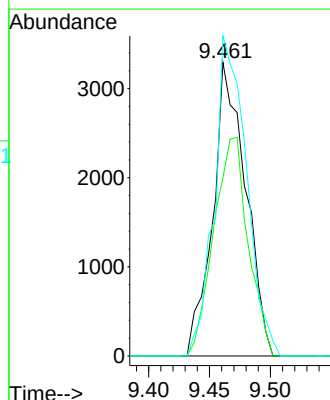
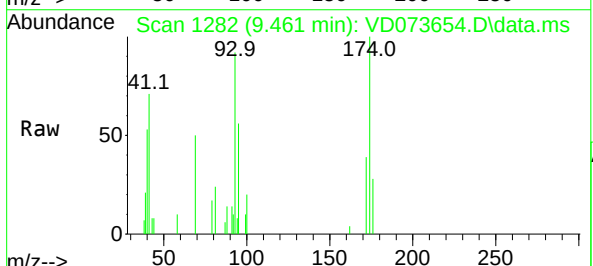
Tgt Ion: 93 Resp: 6171

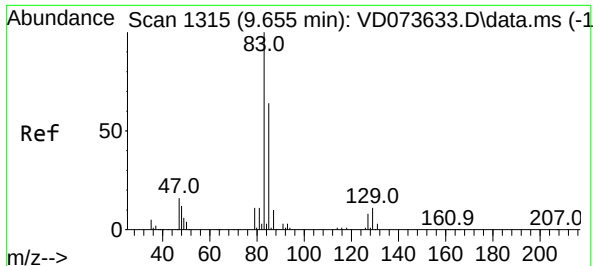
Ion Ratio Lower Upper

93 100

95 78.2 66.3 99.5

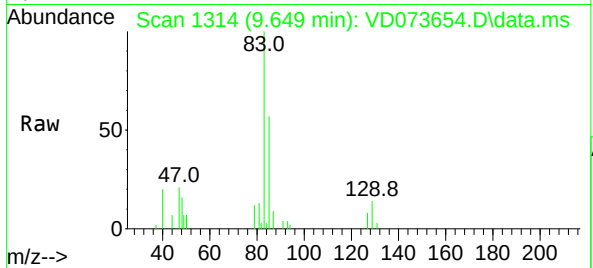
174 106.6 81.1 121.7





#47
Bromodichloromethane
Concen: 4.200 ug/l
RT: 9.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

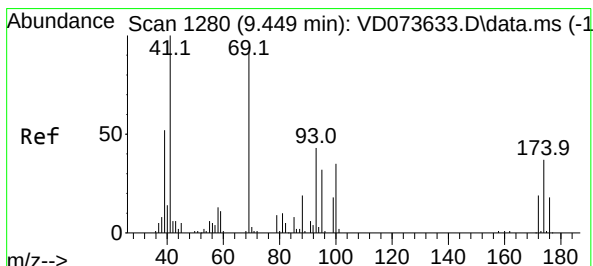
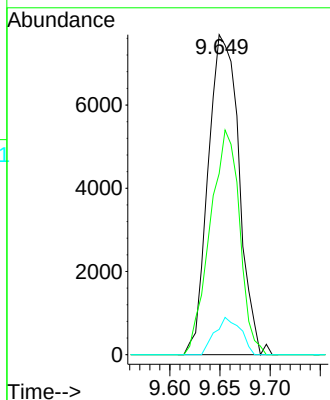
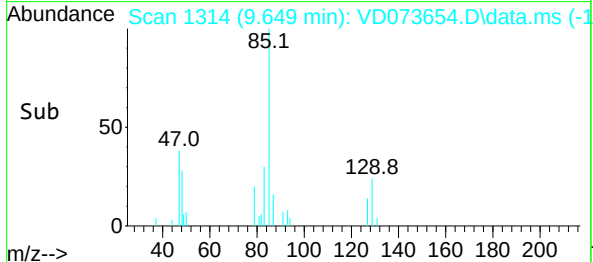
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



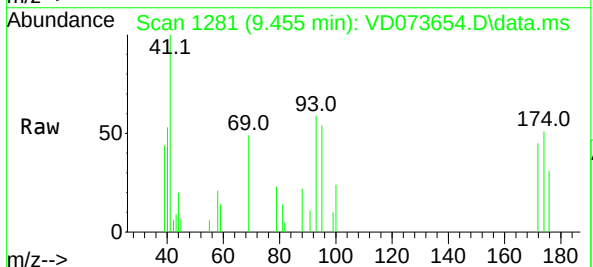
Tgt Ion: 83 Resp: 1640
Ion Ratio Lower Upper
83 100
85 56.6 51.4 77.2
127 7.9 6.4 9.6

Manual Integrations
APPROVED

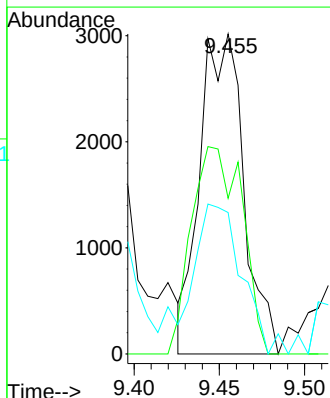
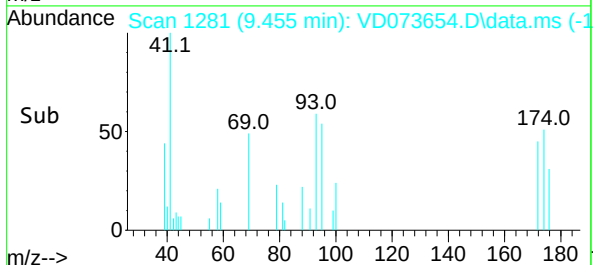
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

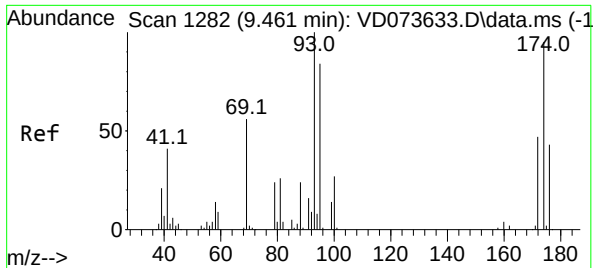


#48
Methyl methacrylate
Concen: 4.030 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56



Tgt Ion: 41 Resp: 5372
Ion Ratio Lower Upper
41 100
69 75.4 67.6 101.4
39 54.7 45.4 68.0





#49

1,4-Dioxane

Concen: 75.519 ug/l

RT: 9.467 min Scan# 1282

Delta R.T. 0.006 min

Lab File: VD073654.D

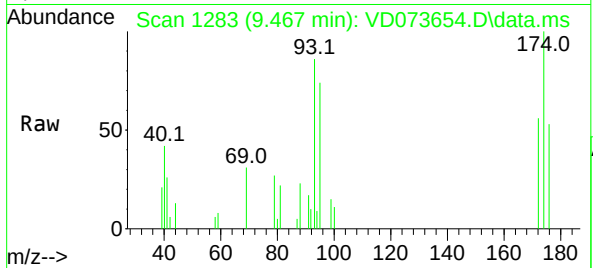
Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

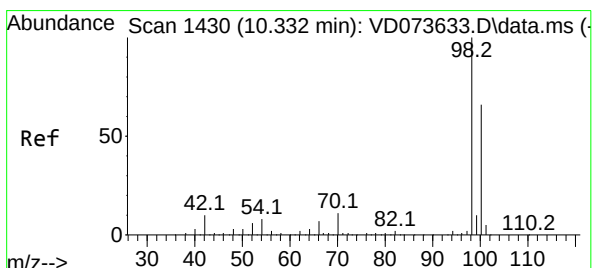
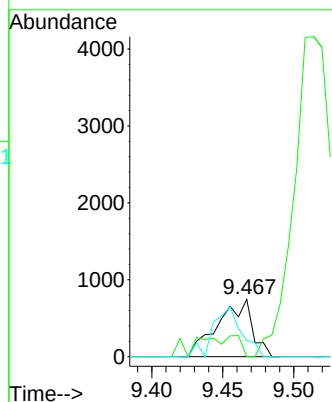


Tgt Ion: 88	Resp: 1250
Ion Ratio	Lower Upper
88 100	
43 0.0	29.8 44.8
58 72.1	56.9 85.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#50

Toluene-d8

Concen: 48.865 ug/l

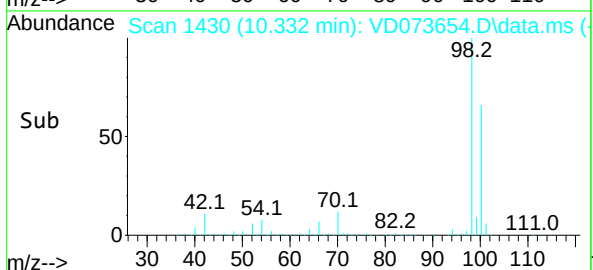
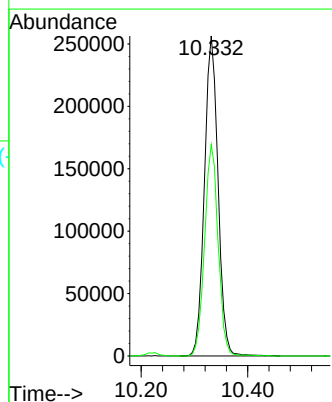
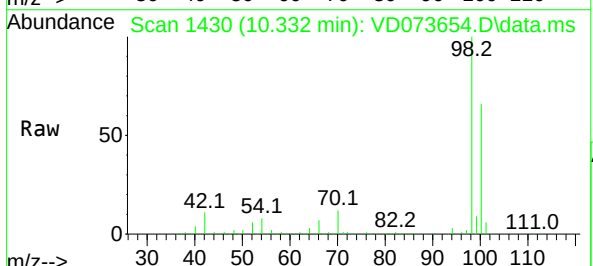
RT: 10.332 min Scan# 1430

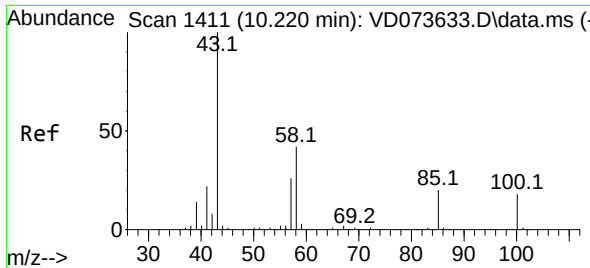
Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

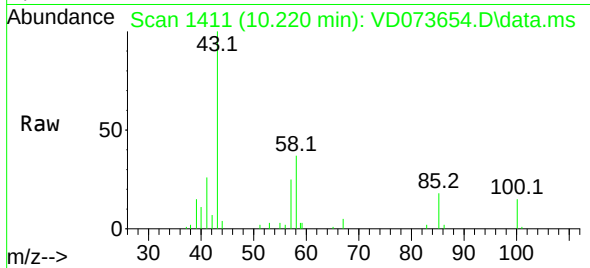
Tgt Ion: 98	Resp: 453990
Ion Ratio	Lower Upper
98 100	
100 66.0	51.4 77.2





#51
4-Methyl-2-Pentanone
Concen: 19.841 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

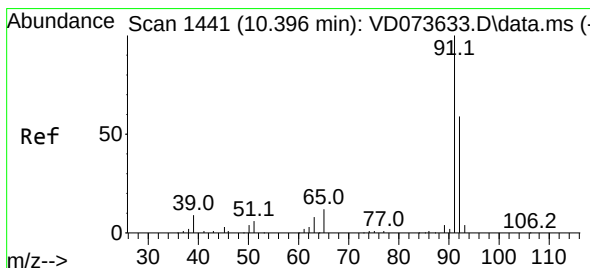
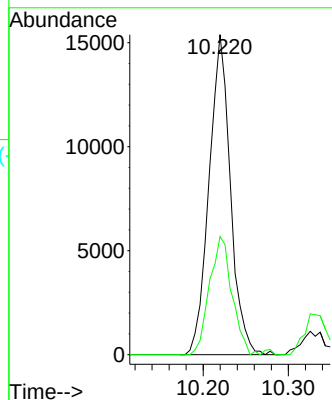
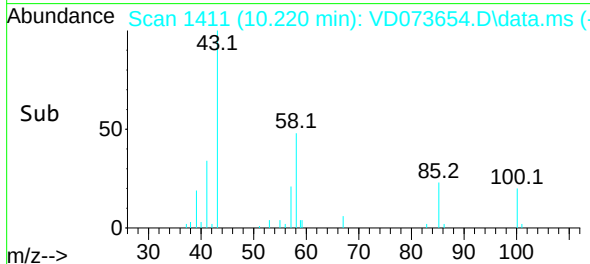
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



Tgt Ion: 43 Resp: 2682
Ion Ratio Lower Upper
43 100
58 38.8 32.4 48.6

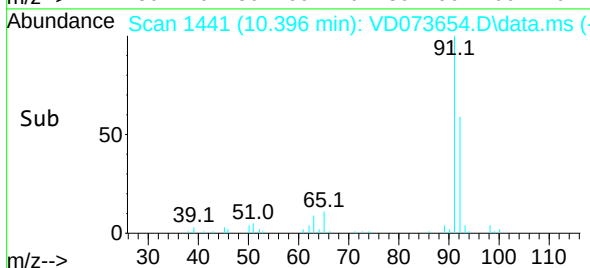
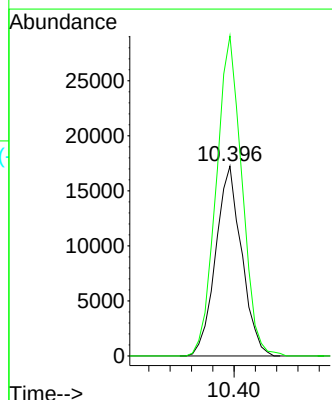
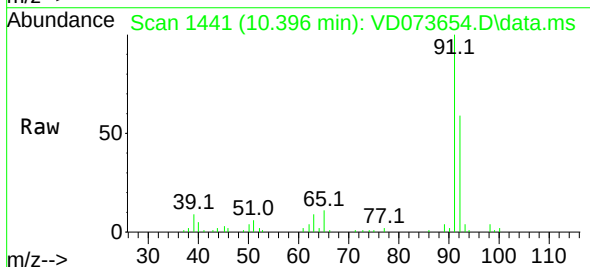
Manual Integrations
APPROVED

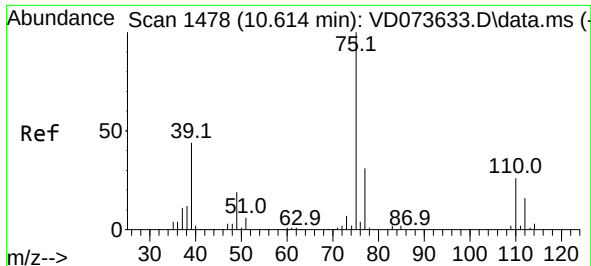
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#52
Toluene
Concen: 4.247 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

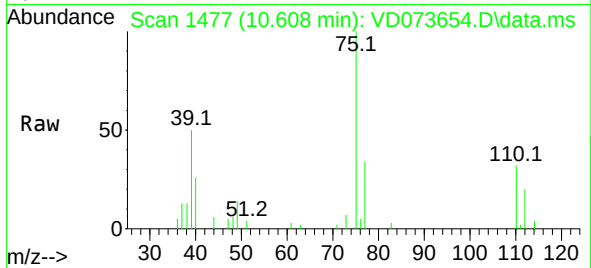
Tgt Ion: 92 Resp: 29197
Ion Ratio Lower Upper
92 100
91 167.1 136.1 204.1





#53
t-1,3-Dichloropropene
Concen: 3.932 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

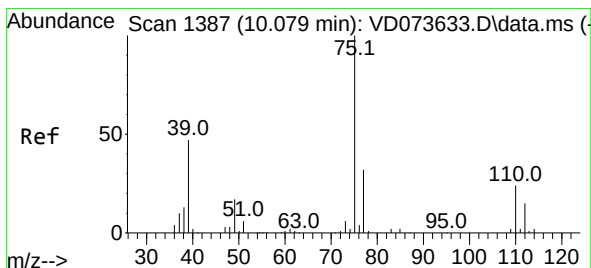
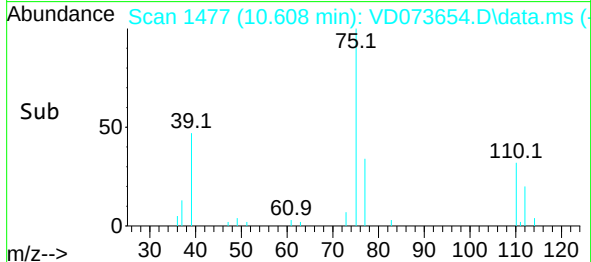
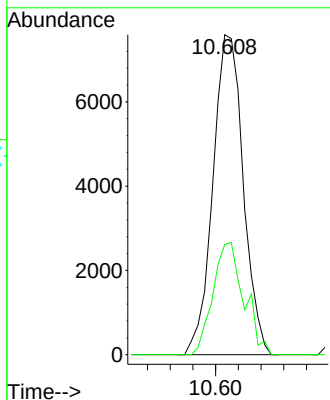
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



Tgt Ion: 75 Resp: 14064
Ion Ratio Lower Upper
75 100
77 34.4 24.6 36.8

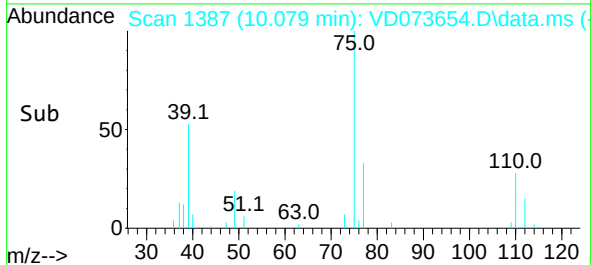
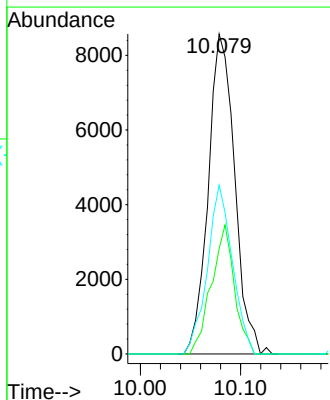
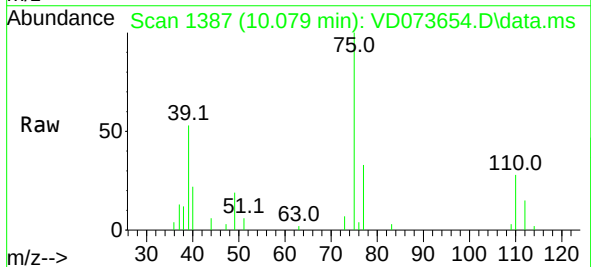
Manual Integrations
APPROVED

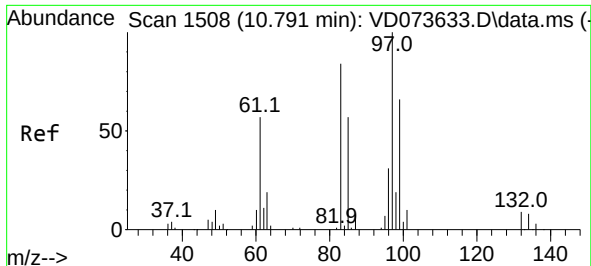
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#54
cis-1,3-Dichloropropene
Concen: 3.751 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

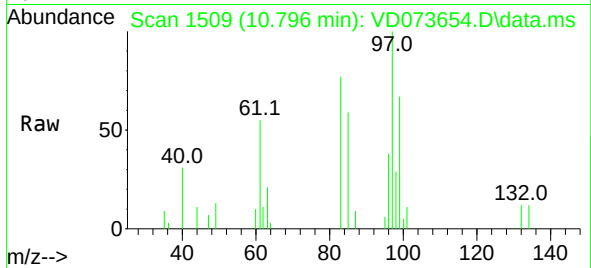
Tgt Ion: 75 Resp: 15687
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8
39 52.7 37.9 56.9





#55
1,1,2-Trichloroethane
Concen: 4.085 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

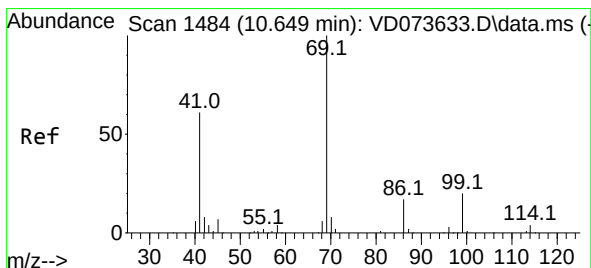
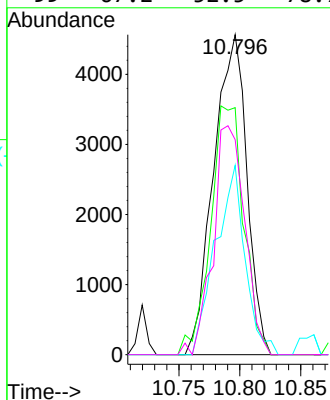
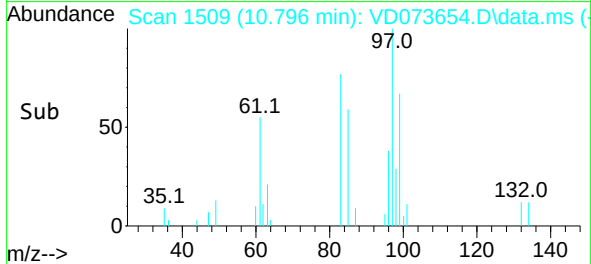
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



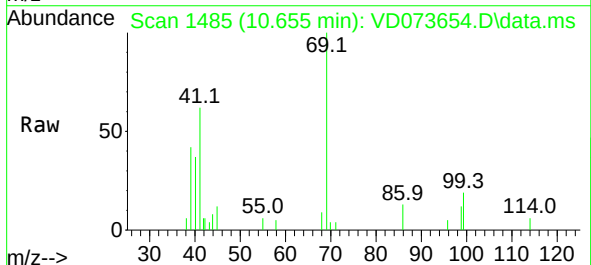
Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.2	66.8	100.2
85	59.1	45.2	67.8
99	67.2	52.5	78.7

Manual Integrations
APPROVED

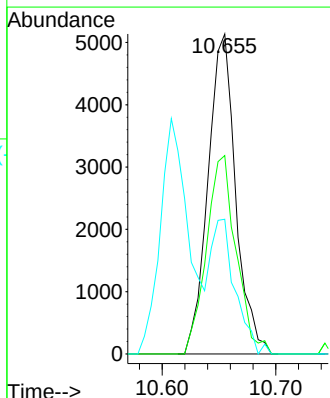
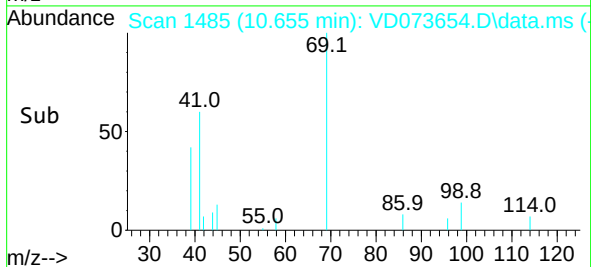
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

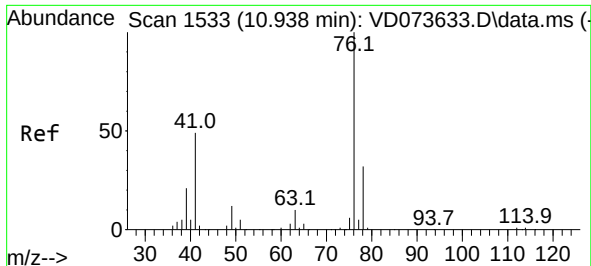


#56
Ethyl methacrylate
Concen: 3.728 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.3	50.8	76.2
39	36.9	26.2	39.4





#57

1,3-Dichloropropane

Concen: 4.217 ug/l

RT: 10.937 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073654.D

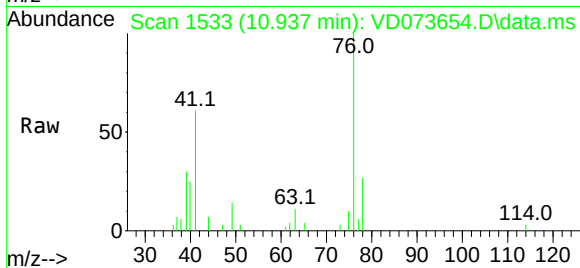
Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

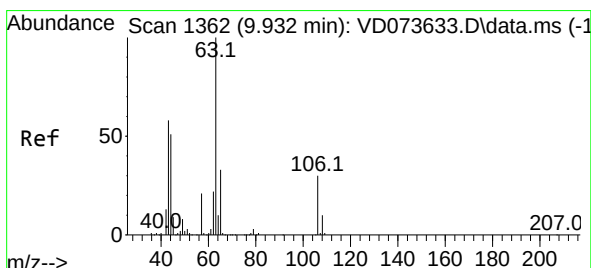
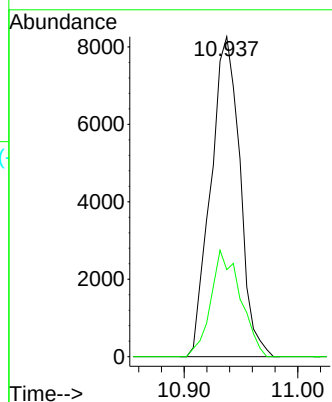
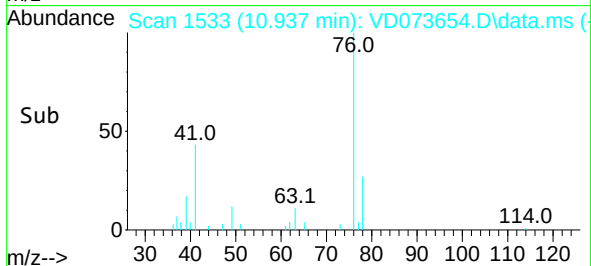


Tgt Ion: 76	Resp: 1472
Ion Ratio	Lower Upper
76	100
78	33.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 21.234 ug/l

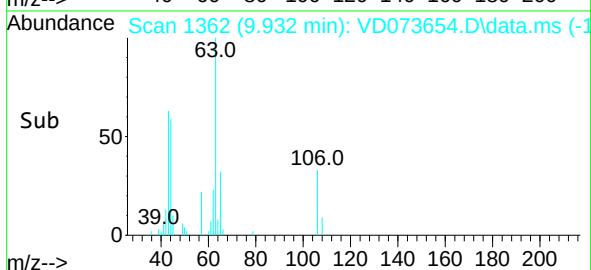
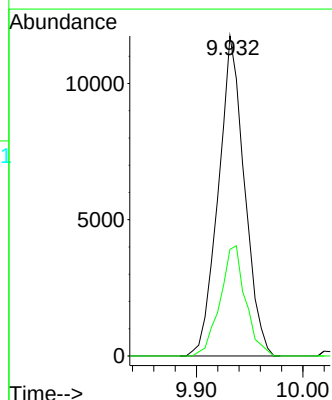
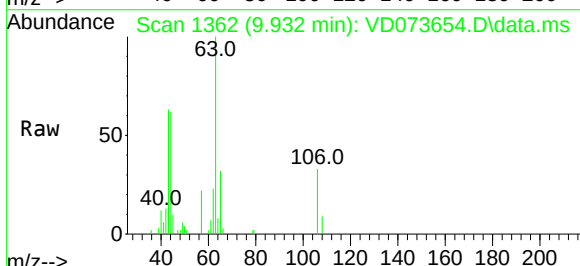
RT: 9.932 min Scan# 1362

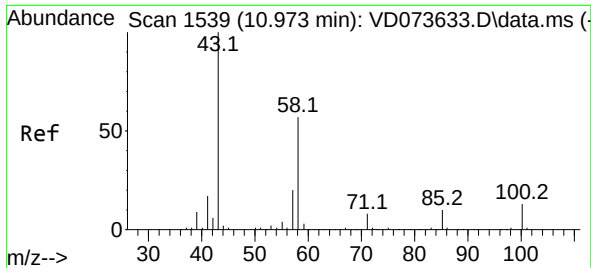
Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

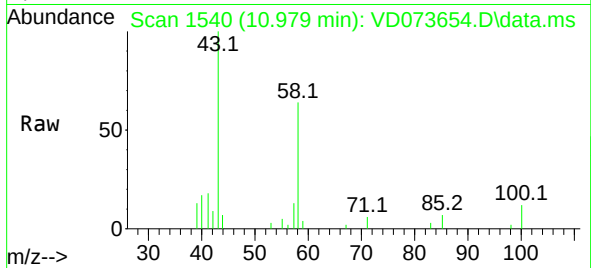
Tgt Ion: 63	Resp: 19972
Ion Ratio	Lower Upper
63	100
106	33.4 23.7 35.5





#59
2-Hexanone
Concen: 17.723 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

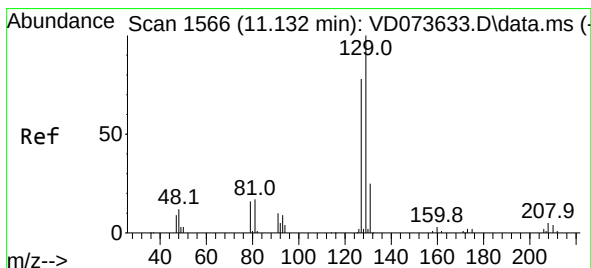
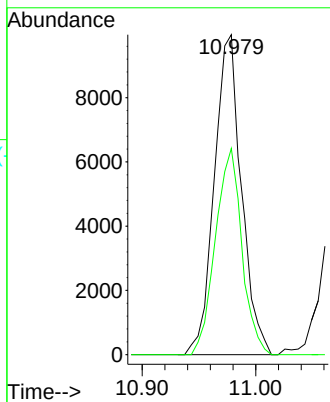
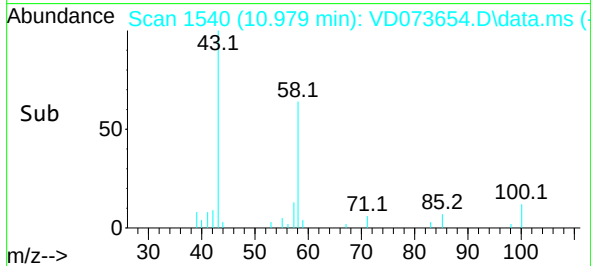
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



Tgt Ion: 43 Resp: 1652
Ion Ratio Lower Upper
43 100
58 62.9 28.1 84.2

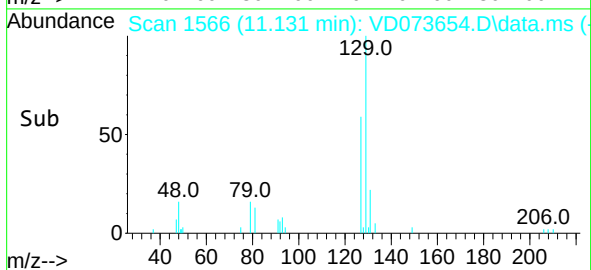
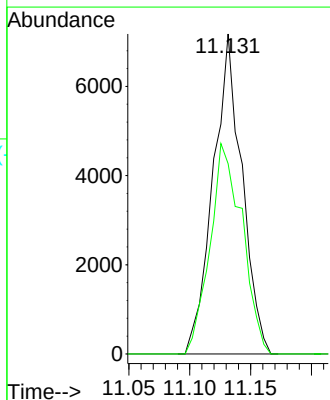
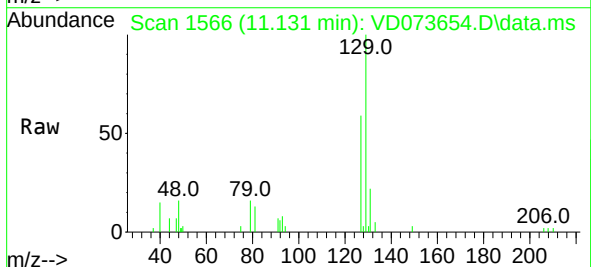
Manual Integrations
APPROVED

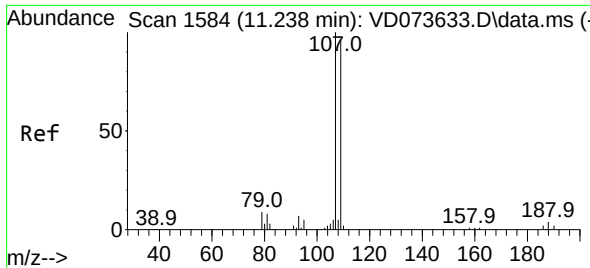
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#60
Dibromochloromethane
Concen: 4.291 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion:129 Resp: 11856
Ion Ratio Lower Upper
129 100
127 73.0 39.4 118.2





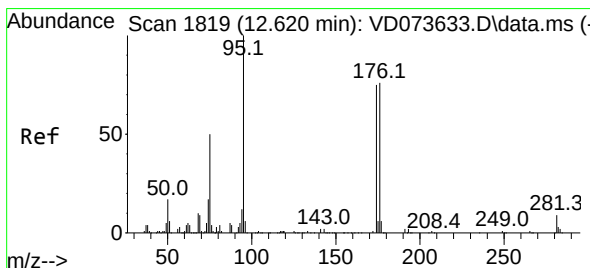
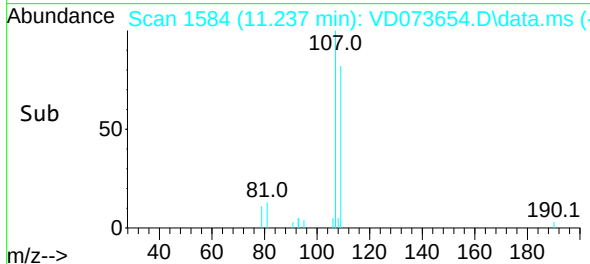
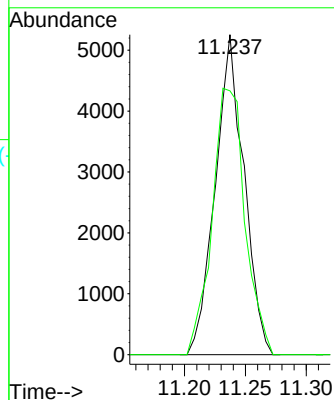
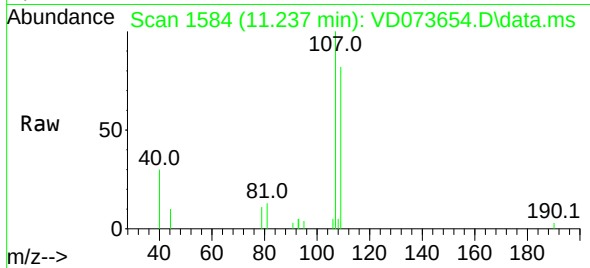
#61
1,2-Dibromoethane
Concen: 4.254 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion:107 Resp: 8638
Ion Ratio Lower Upper
107 100
109 95.2 76.1 114.1

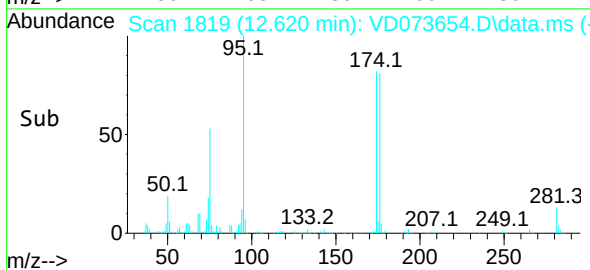
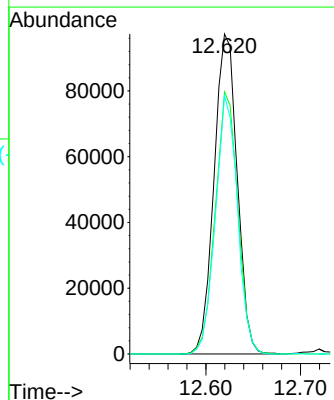
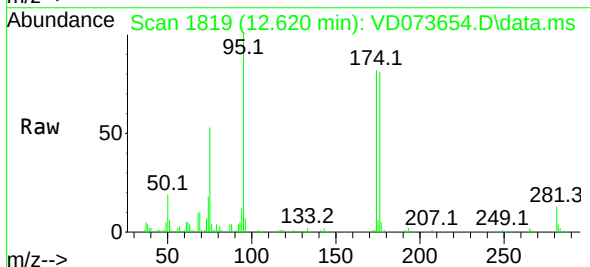
Manual Integrations
APPROVED

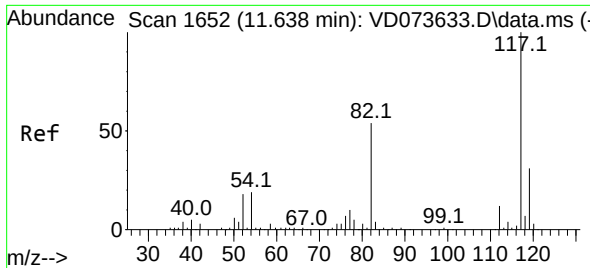
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#62
4-Bromofluorobenzene
Concen: 48.524 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

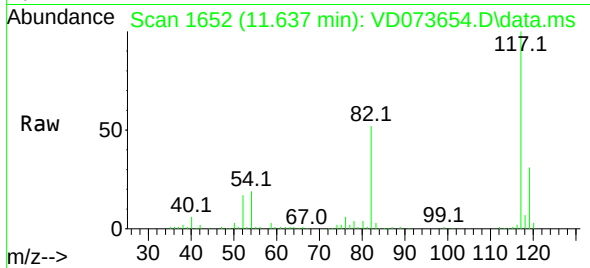
Tgt Ion: 95 Resp: 165328
Ion Ratio Lower Upper
95 100
174 80.1 0.0 156.4
176 76.7 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11637
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

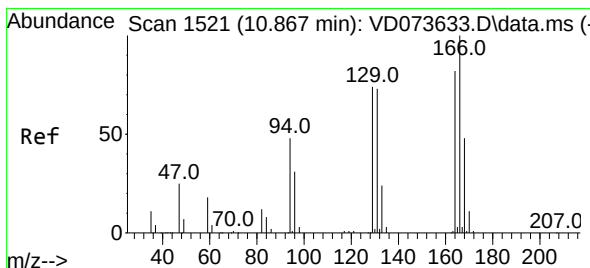
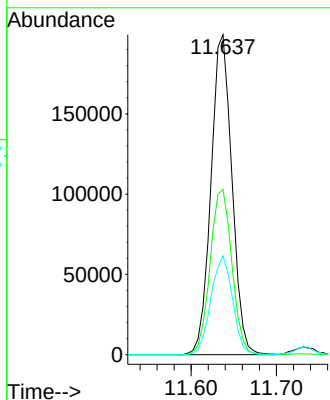
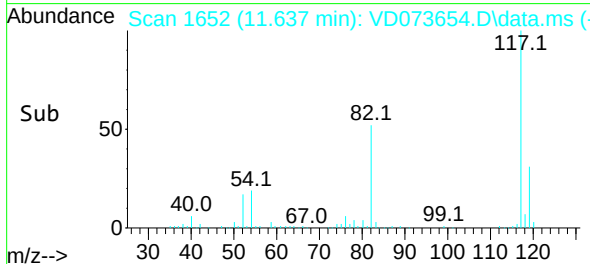
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



Tgt Ion:117 Resp: 340580
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 30.8 24.5 36.7

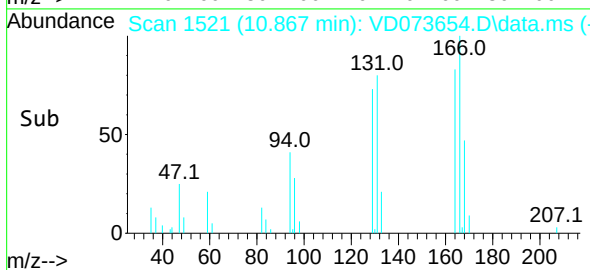
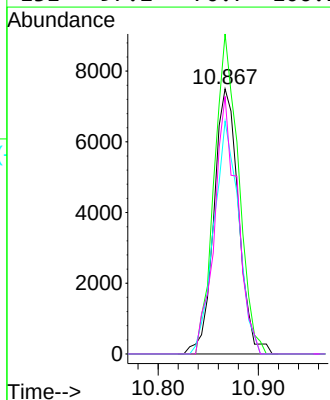
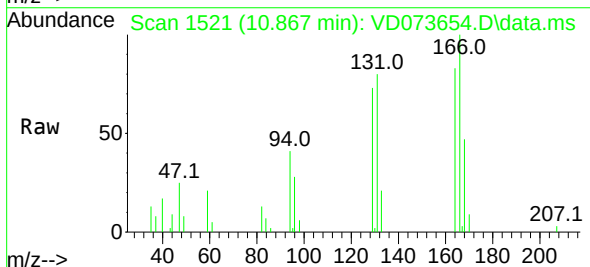
Manual Integrations
APPROVED

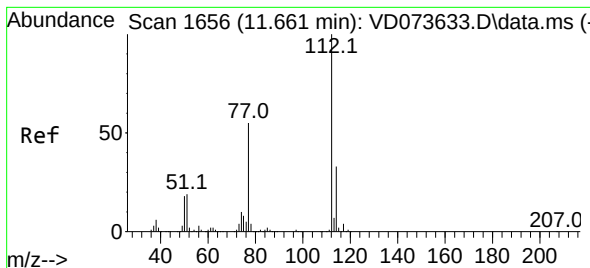
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#64
Tetrachloroethene
Concen: 5.065 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

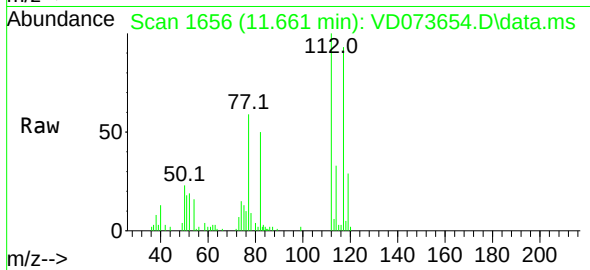
Tgt Ion:164 Resp: 12771
Ion Ratio Lower Upper
164 100
166 120.7 97.1 145.7
129 87.8 72.1 108.1
131 97.2 70.7 106.1





#65
Chlorobenzene
Concen: 4.315 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

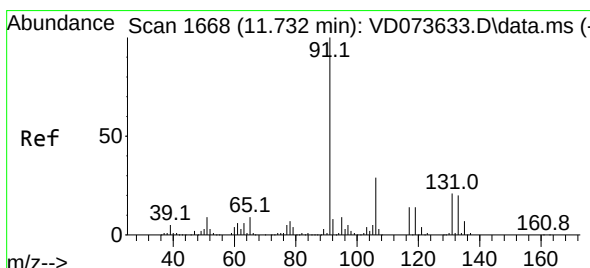
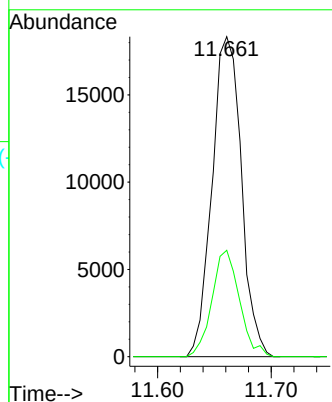
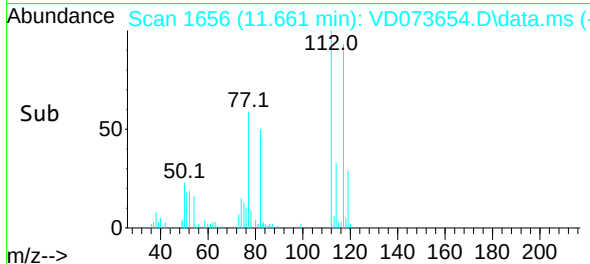
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



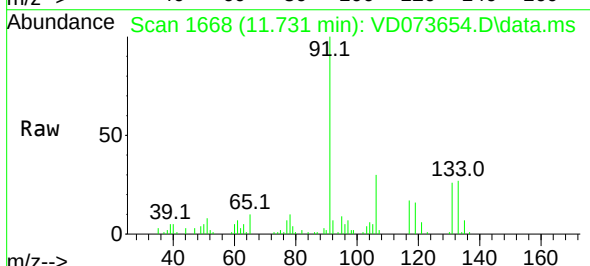
Tgt Ion:112 Resp: 32819
Ion Ratio Lower Upper
112 100
114 33.3 26.6 39.8

Manual Integrations
APPROVED

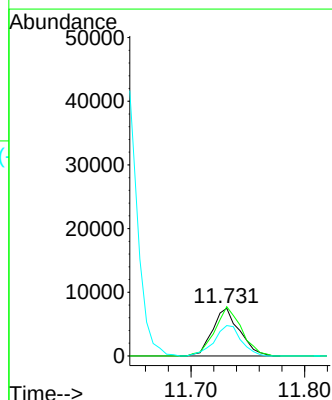
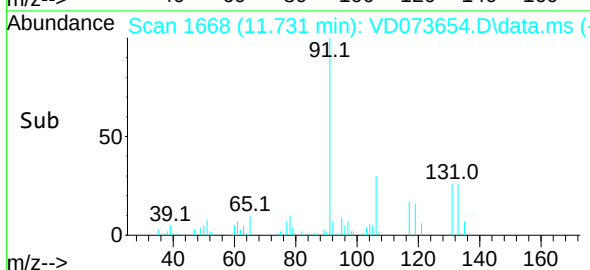
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

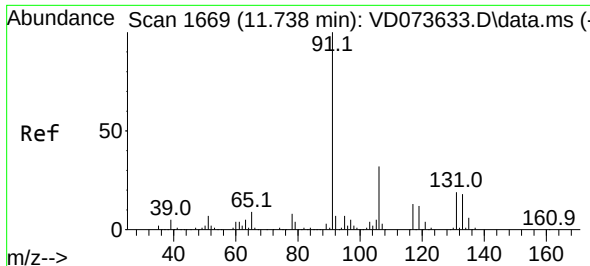


#66
1,1,1,2-Tetrachloroethane
Concen: 4.182 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56



Tgt Ion:131 Resp: 12326
Ion Ratio Lower Upper
131 100
133 102.8 47.1 141.3
119 63.9 32.6 97.7





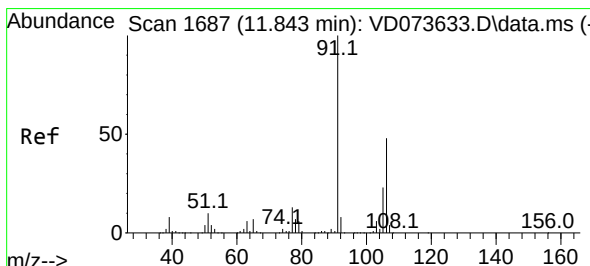
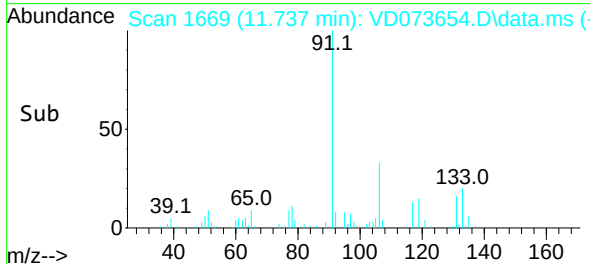
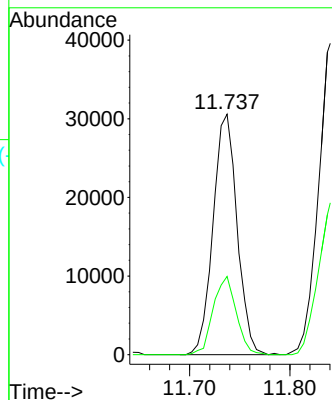
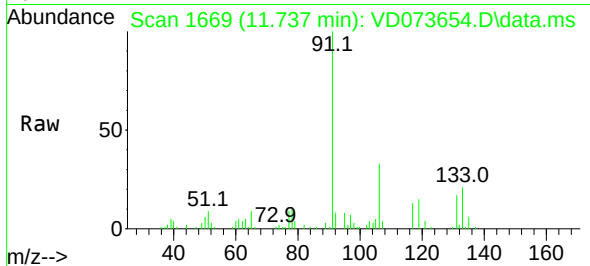
#67
Ethyl Benzene
Concen: 3.940 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 91 Resp: 50942
Ion Ratio Lower Upper
91 100
106 32.5 25.8 38.6

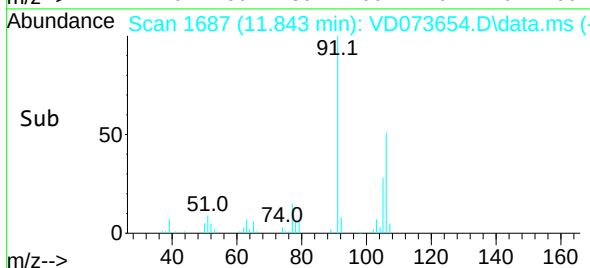
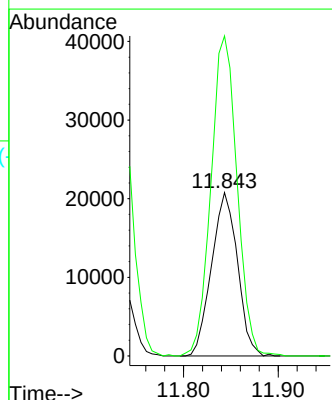
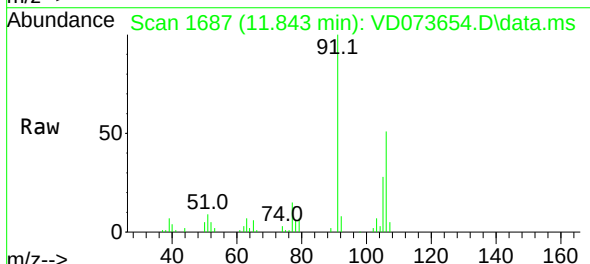
Manual Integrations
APPROVED

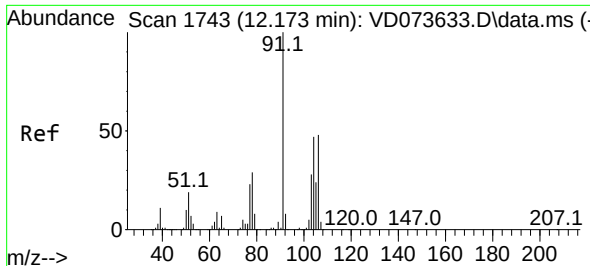
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#68
m/p-Xylenes
Concen: 7.772 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

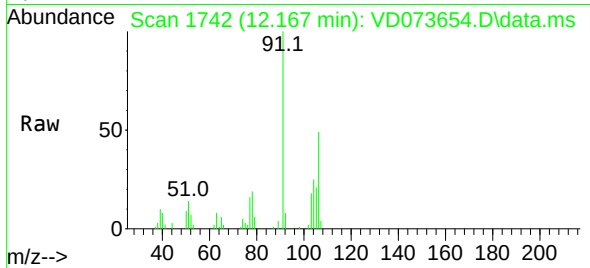
Tgt Ion:106 Resp: 39575
Ion Ratio Lower Upper
106 100
91 196.8 162.7 244.1





#69
o-Xylene
Concen: 3.746 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

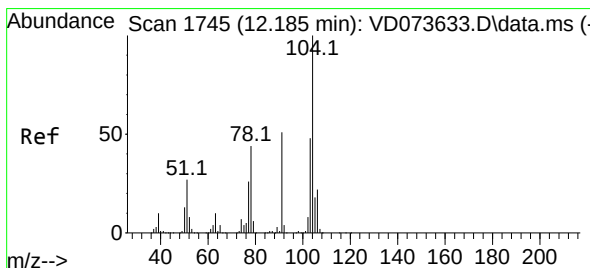
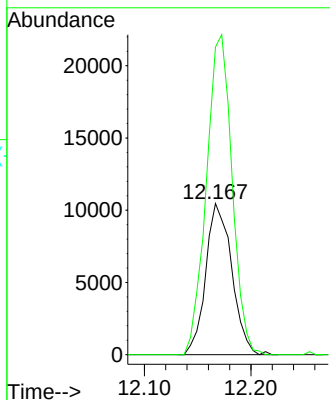
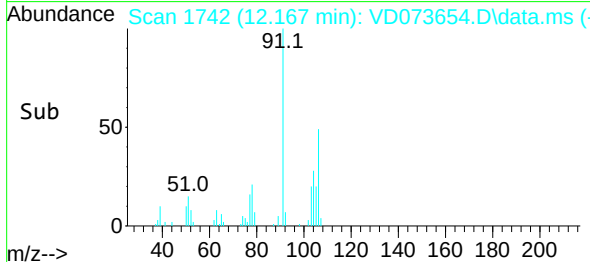
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



Tgt Ion:106 Resp: 17778
Ion Ratio Lower Upper
106 100
91 208.7 107.1 321.3

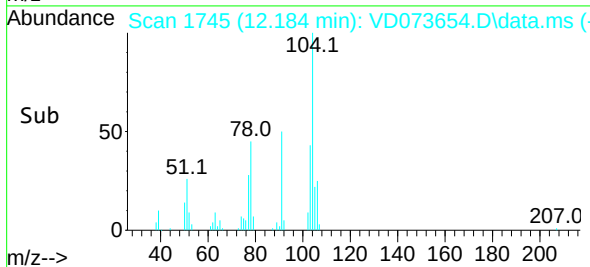
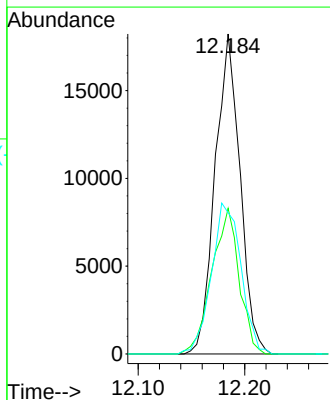
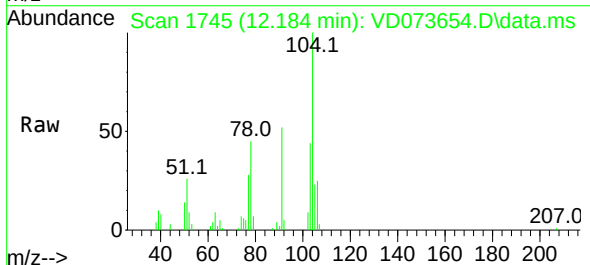
Manual Integrations
APPROVED

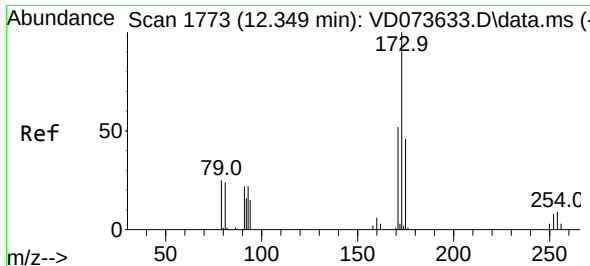
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#70
Styrene
Concen: 3.637 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

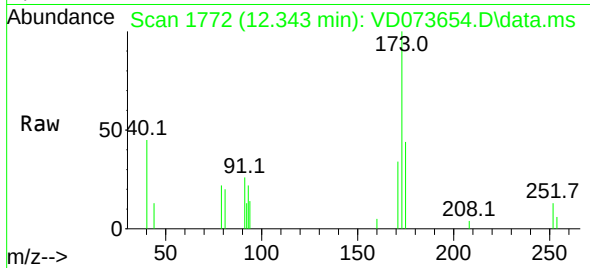
Tgt Ion:104 Resp: 29599
Ion Ratio Lower Upper
104 100
78 49.8 40.1 60.1
103 56.0 42.8 64.2





#71
Bromoform
Concen: 4.490 ug/l
RT: 12.343 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

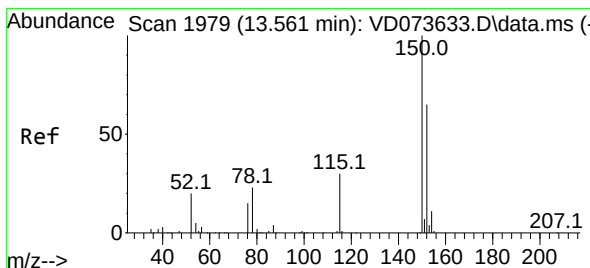
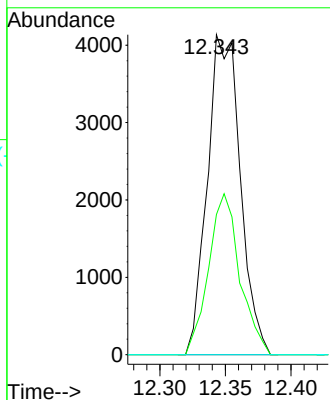
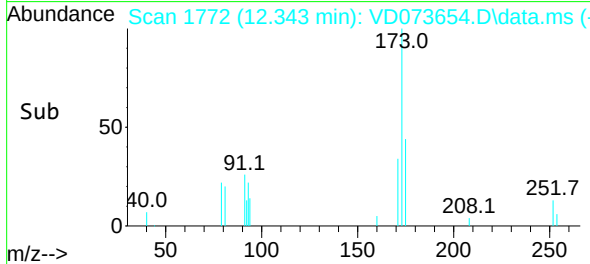
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



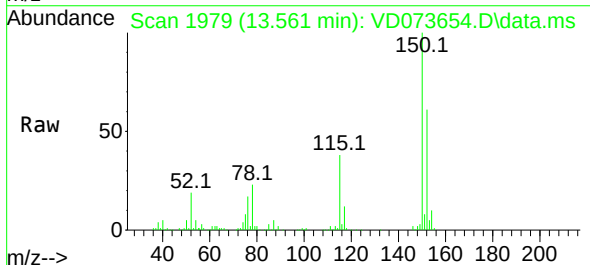
Tgt Ion:173 Resp: 720
Ion Ratio Lower Upper
173 100
175 47.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

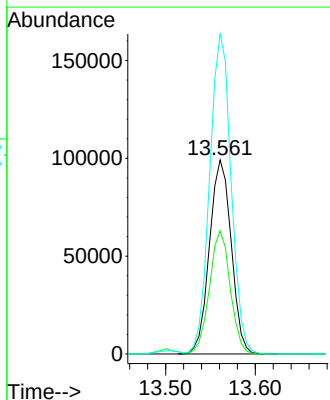
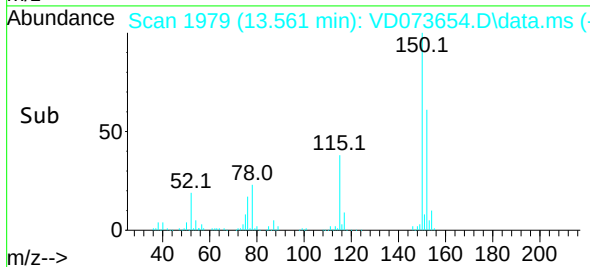
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

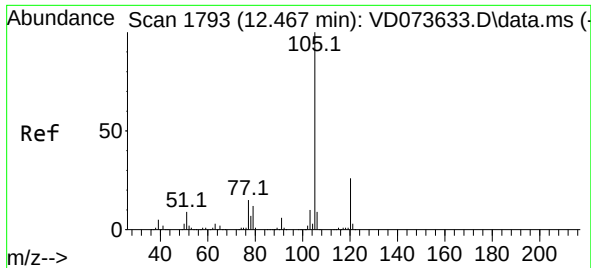


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56



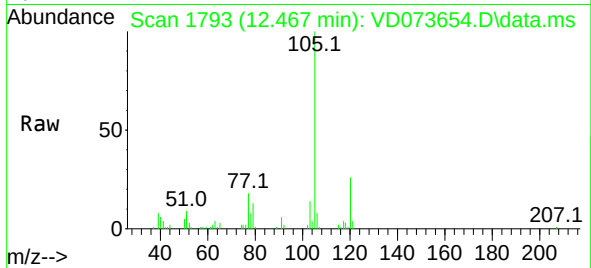
Tgt Ion:152 Resp: 167045
Ion Ratio Lower Upper
152 100
115 60.6 29.6 88.9
150 162.0 0.0 351.2





#73
Isopropylbenzene
Concen: 3.840 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

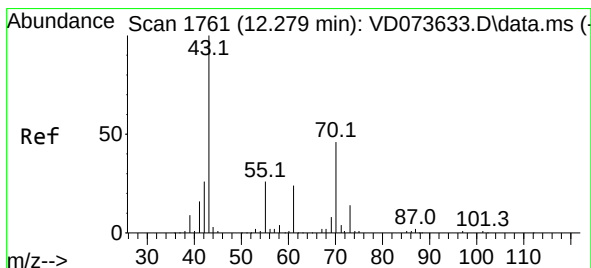
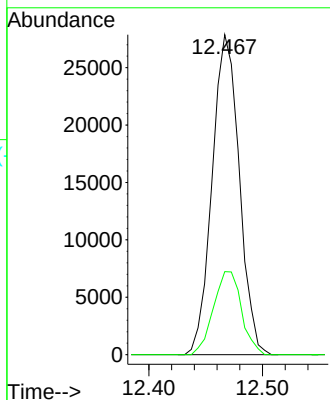
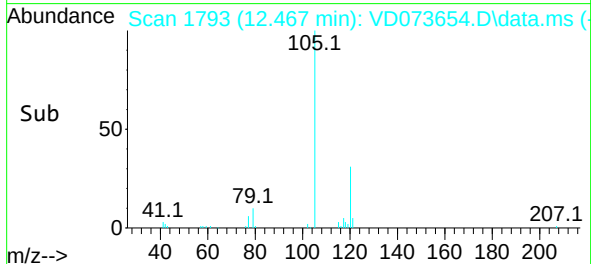
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



Tgt Ion:105 Resp: 4628
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1

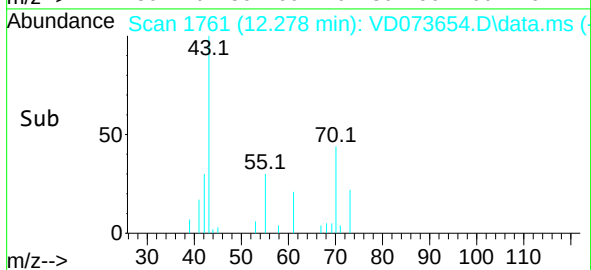
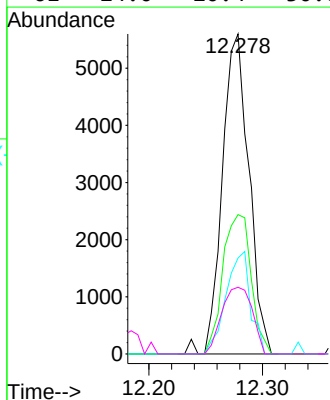
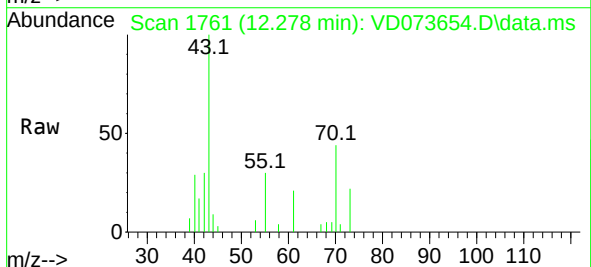
Manual Integrations
APPROVED

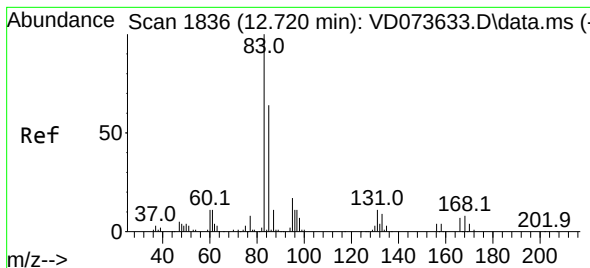
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#74
N-ethyl acetate
Concen: 3.737 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 43 Resp: 9104
Ion Ratio Lower Upper
43 100
70 46.3 35.8 53.8
55 29.4 21.1 31.7
61 24.0 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 4.253 ug/l

RT: 12.720 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VD073654.D

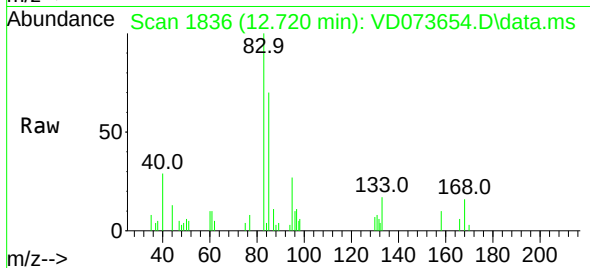
Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

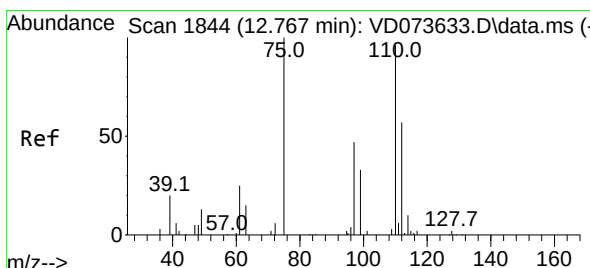
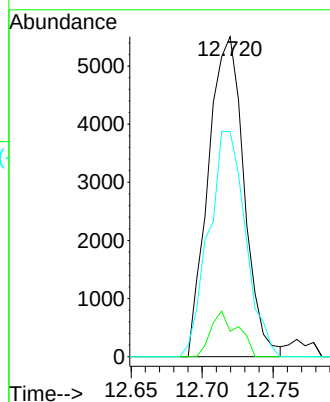
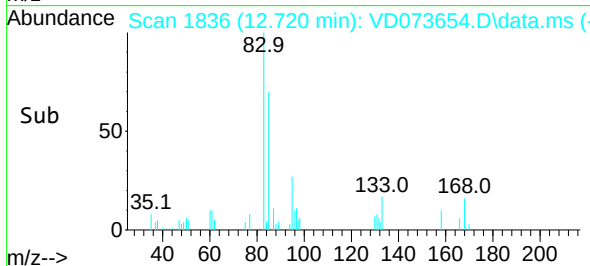


Tgt Ion: 83	Resp: 9640
Ion Ratio	Lower Upper
83	100
131	10.5 5.5 16.7
85	72.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#76

1,2,3-Trichloropropane

Concen: 4.925 ug/l m

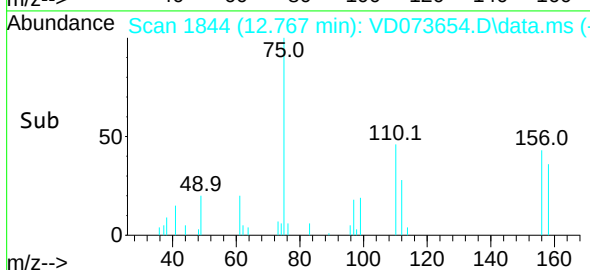
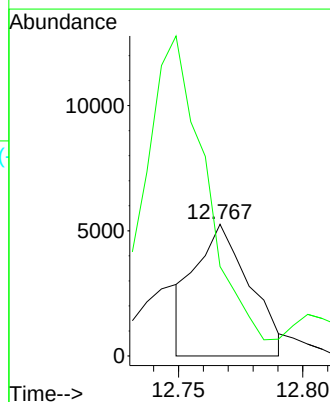
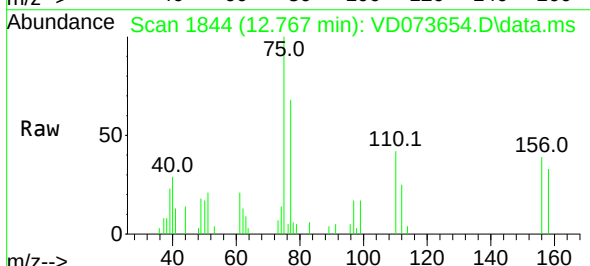
RT: 12.767 min Scan# 1844

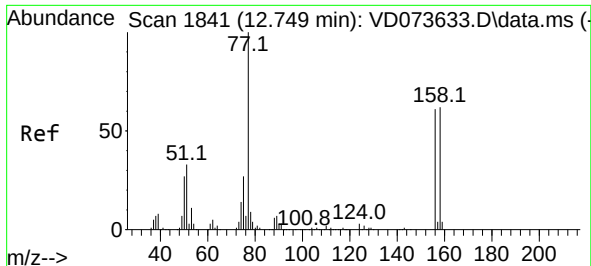
Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

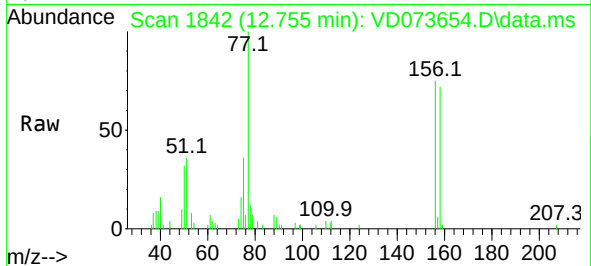
Tgt Ion: 75	Resp: 7962
Ion Ratio	Lower Upper
75	100
77	284.7 208.9 626.7





#77
Bromobenzene
Concen: 4.464 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

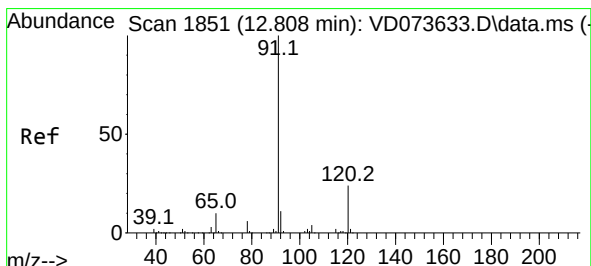
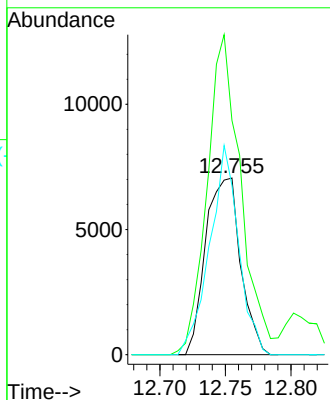
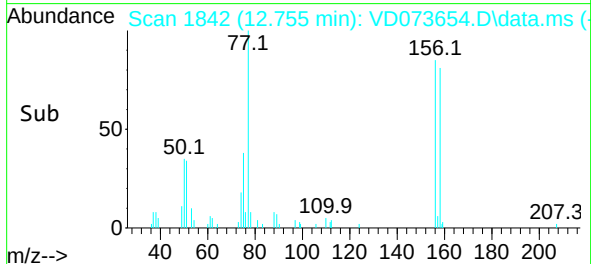
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



Tgt Ion:156 Resp: 1309
Ion Ratio Lower Upper
156 100
77 173.1 91.5 274.4
158 97.7 48.8 146.3

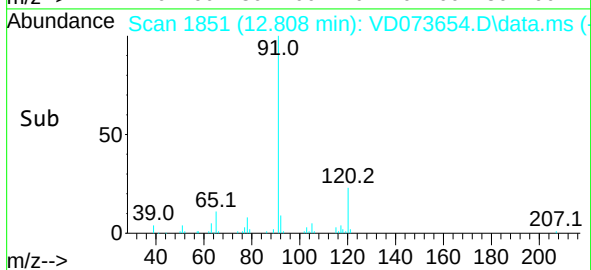
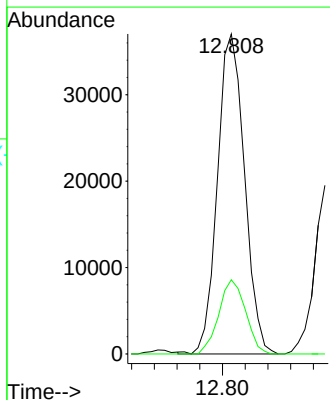
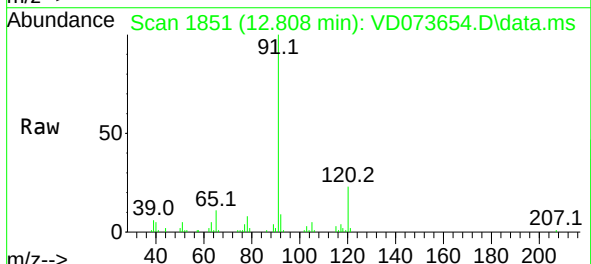
Manual Integrations
APPROVED

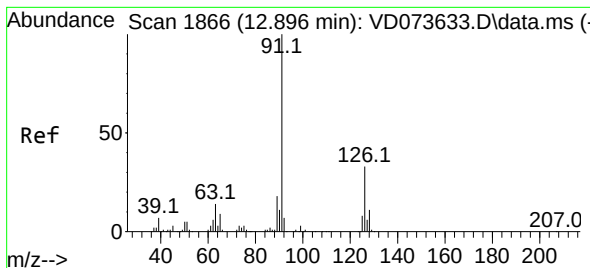
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#78
n-propylbenzene
Concen: 4.147 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 91 Resp: 61222
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





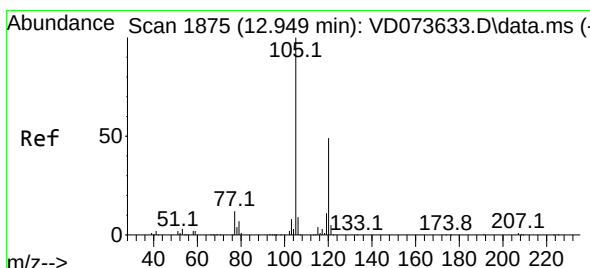
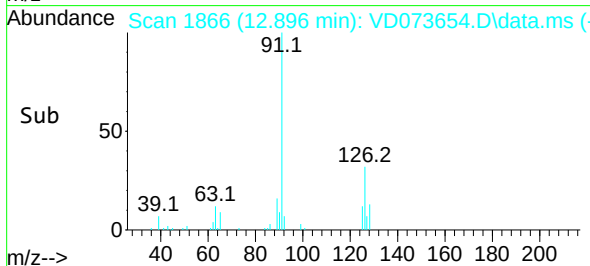
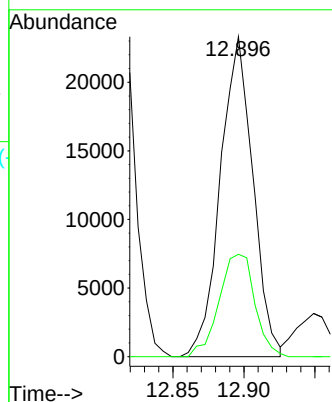
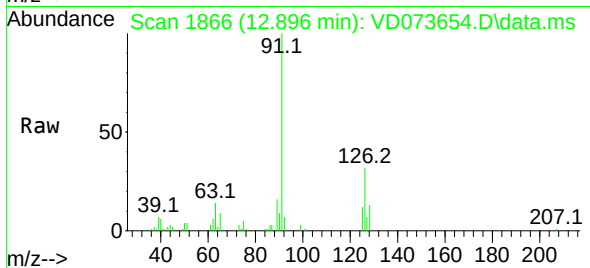
#79
2-Chlorotoluene
Concen: 4.297 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 91 Resp: 3720
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7

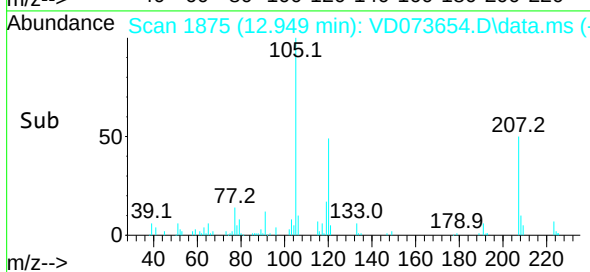
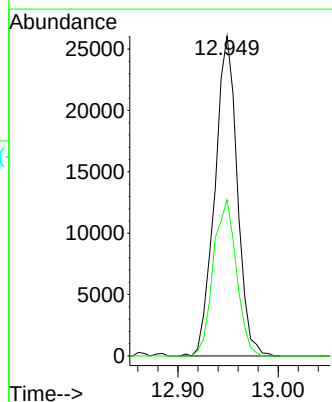
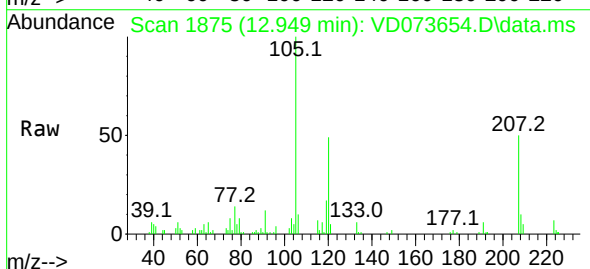
Manual Integrations
APPROVED

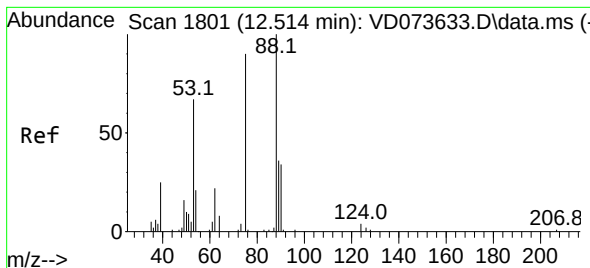
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 3.935 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

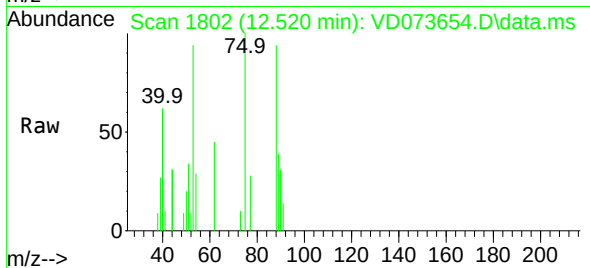
Tgt Ion:105 Resp: 40505
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.328 ug/l
RT: 12.520 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

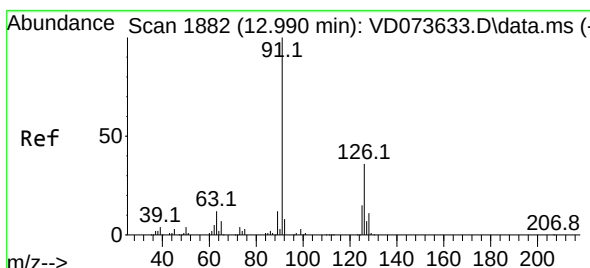
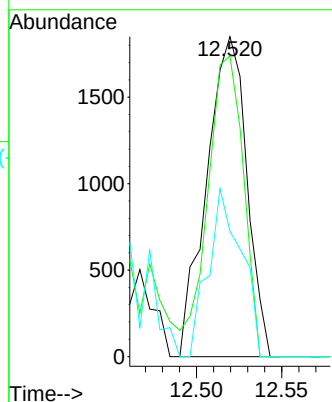
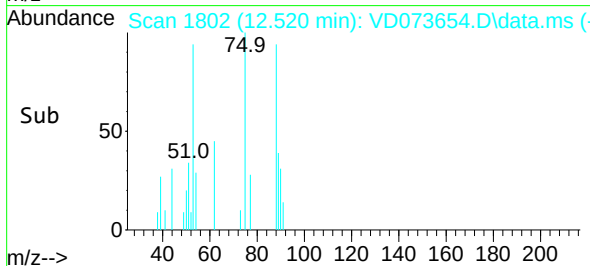
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



Tgt Ion: 75 Resp: 3032
Ion Ratio Lower Upper
75 100
53 82.9 70.5 105.7
89 43.4 35.8 53.8

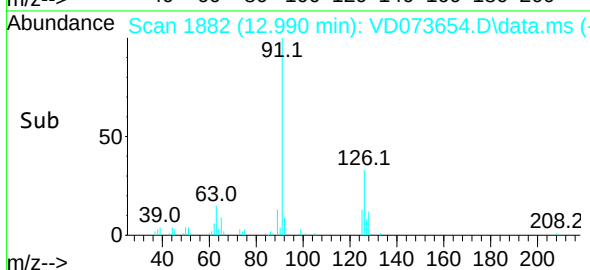
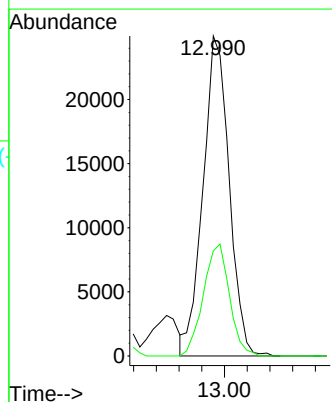
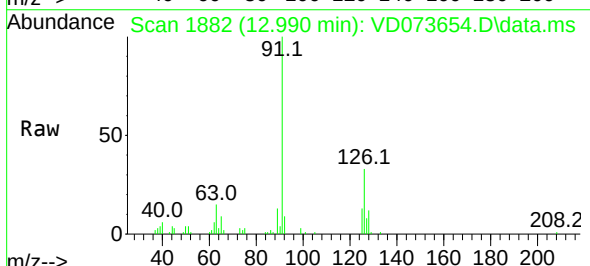
Manual Integrations
APPROVED

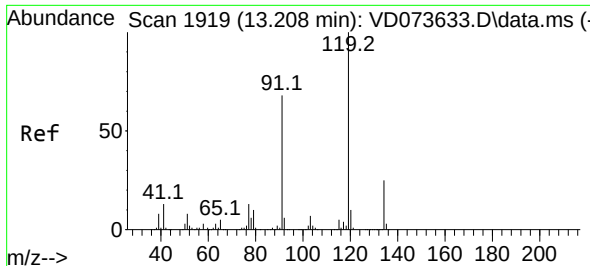
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#82
4-Chlorotoluene
Concen: 4.299 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Tgt Ion: 91 Resp: 39737
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.2





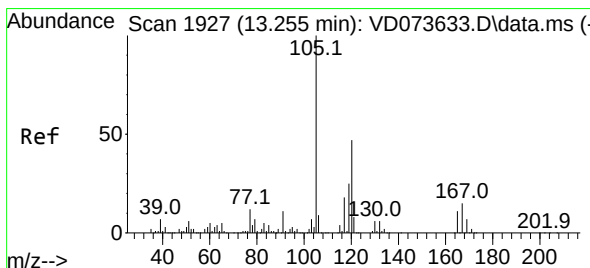
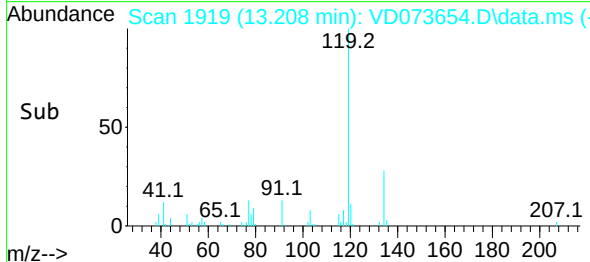
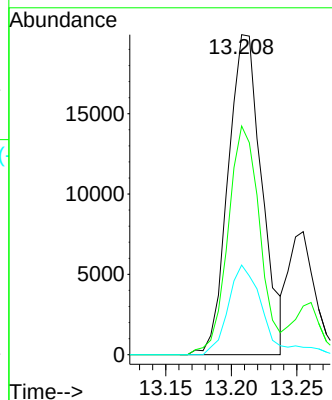
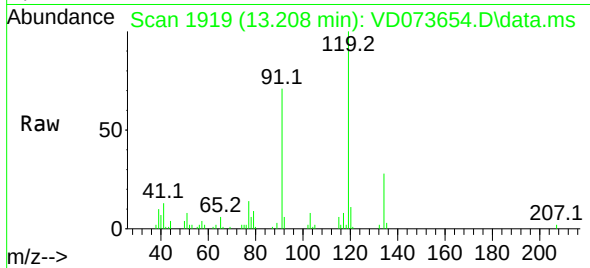
#83
tert-Butylbenzene
Concen: 4.012 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

Tgt Ion:119 Resp: 35754
Ion Ratio Lower Upper
119 100
91 67.3 32.3 96.8
134 29.0 13.3 39.8

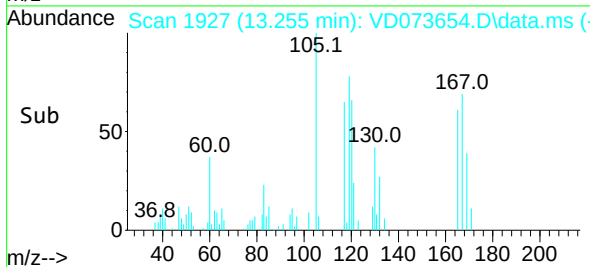
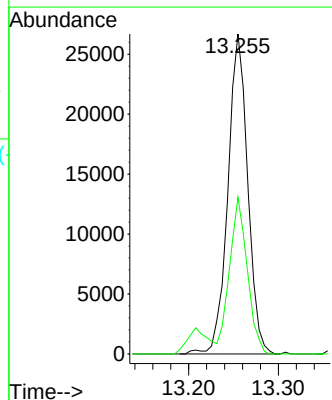
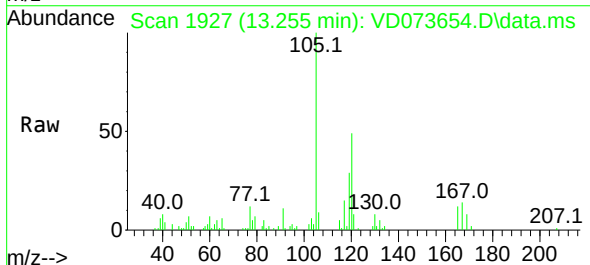
Manual Integrations
APPROVED

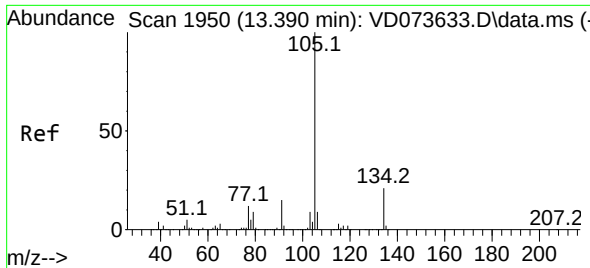
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 4.031 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

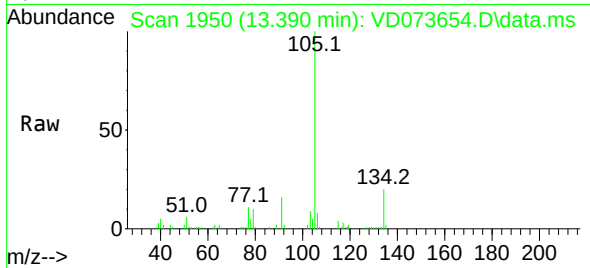
Tgt Ion:105 Resp: 40932
Ion Ratio Lower Upper
105 100
120 43.8 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 4.017 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56

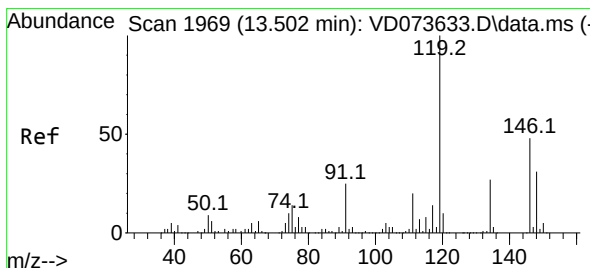
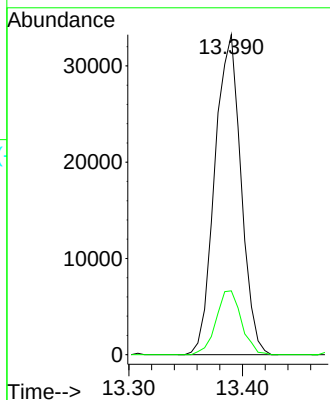
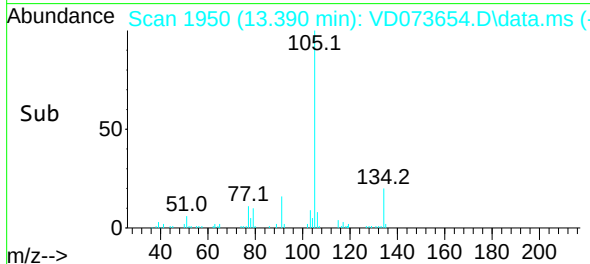
Instrument : MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022



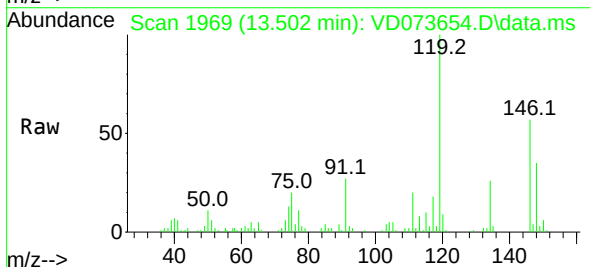
Tgt Ion:105 Resp: 53229
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.3 30.8

Manual Integrations
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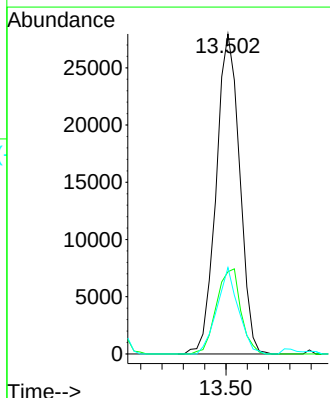
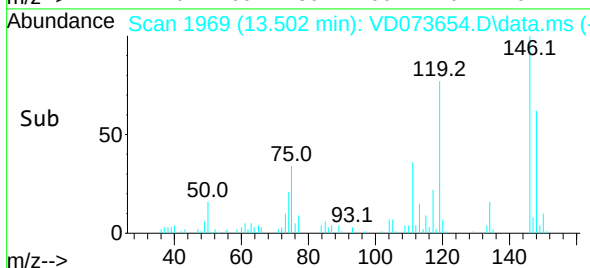
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

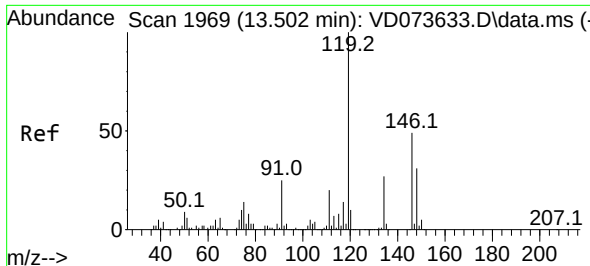


#86
 p-Isopropyltoluene
 Concen: 3.902 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073654.D
 Acq: 22 Jun 2022 14:56



Tgt Ion:119 Resp: 42708
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.1 39.3
 91 24.6 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 4.455 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073654.D

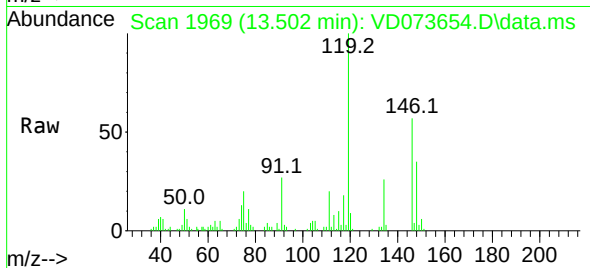
Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022



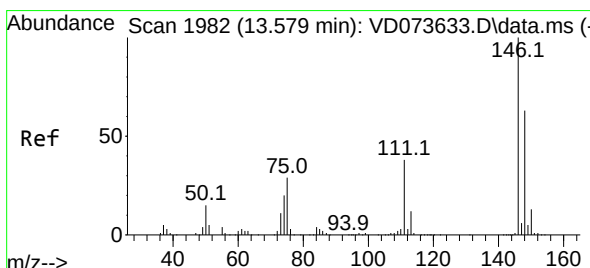
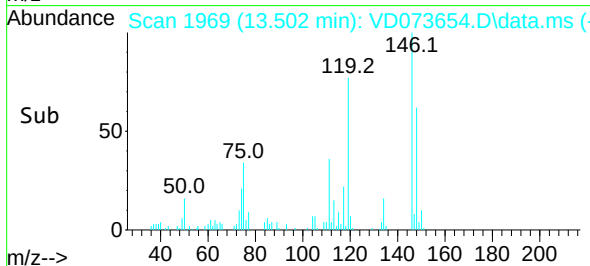
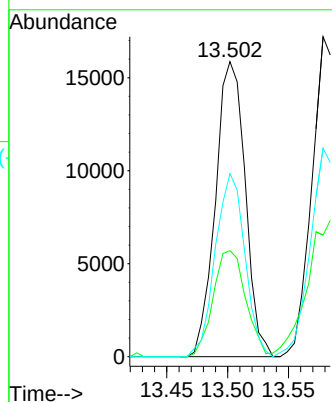
Tgt Ion:146	Resp:	2695
Ion Ratio	Lower	Upper
146	100	
111	39.5	20.6 61.8
148	61.6	31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#88

1,4-Dichlorobenzene

Concen: 4.634 ug/l

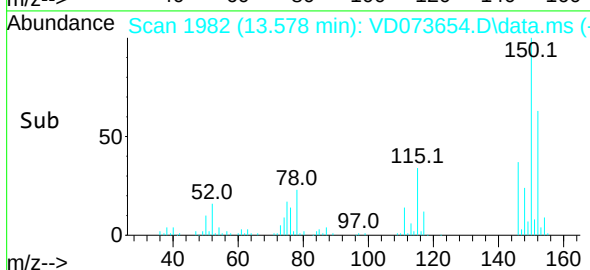
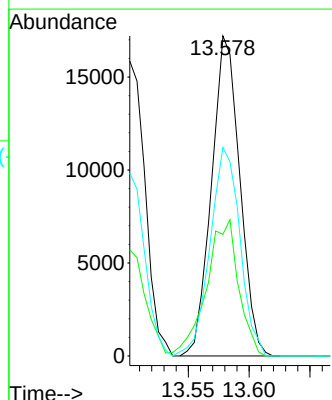
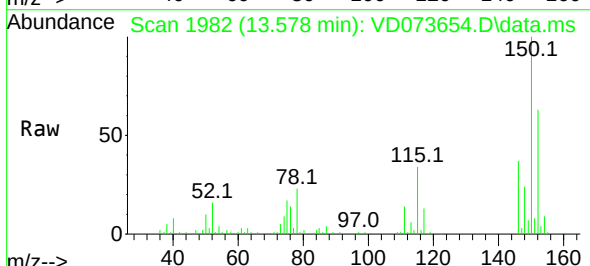
RT: 13.578 min Scan# 1982

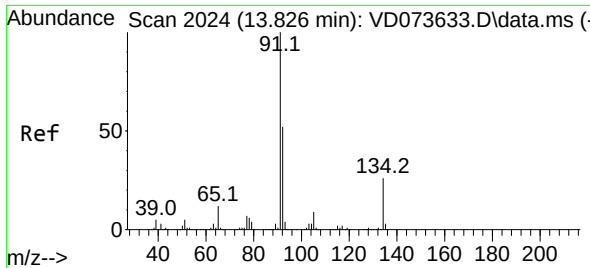
Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Tgt Ion:146	Resp:	27790
Ion Ratio	Lower	Upper
146	100	
111	48.2	19.8 59.3
148	69.0	31.9 95.9





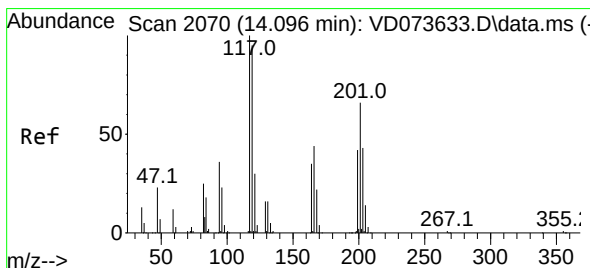
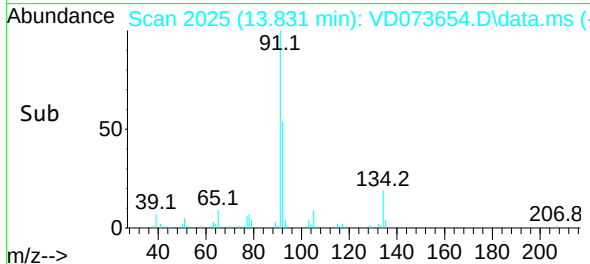
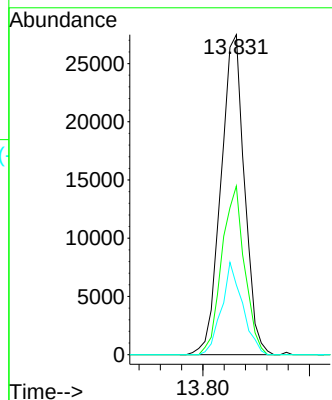
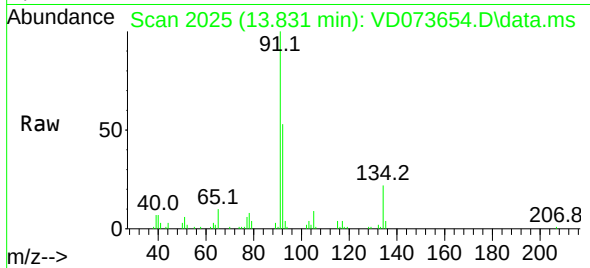
#89
n-Butylbenzene
Concen: 4.086 ug/l
RT: 13.831 min Scan# 2024
Delta R.T. 0.006 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 91 Resp: 42049
Ion Ratio Lower Upper
91 100
92 51.1 26.8 80.4
134 25.7 13.1 39.3

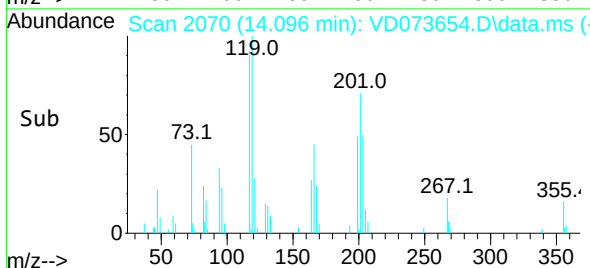
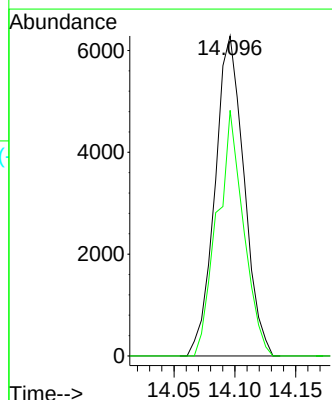
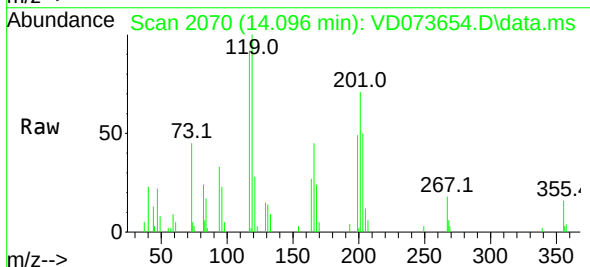
Manual Integrations
APPROVED

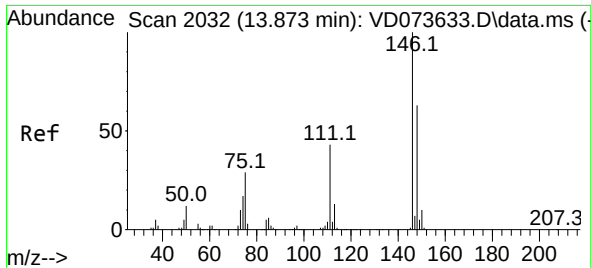
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#90
Hexachloroethane
Concen: 4.463 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

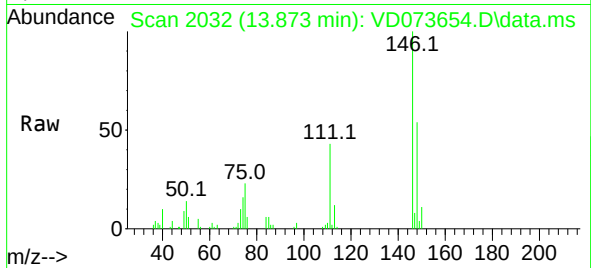
Tgt Ion:117 Resp: 10433
Ion Ratio Lower Upper
117 100
201 69.8 34.5 103.6





#91
1,2-Dichlorobenzene
Concen: 4.418 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56

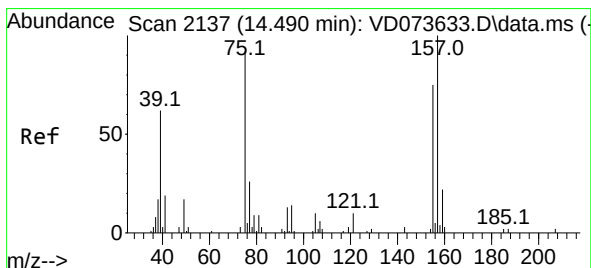
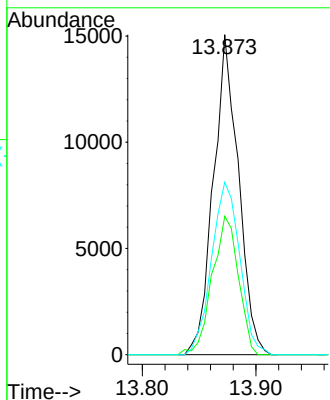
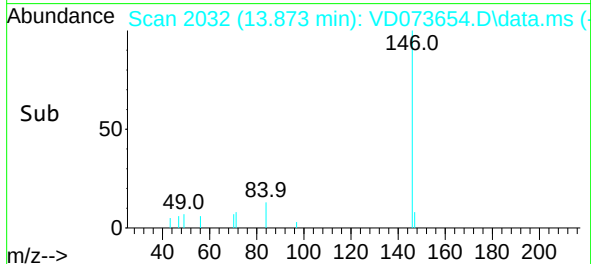
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022



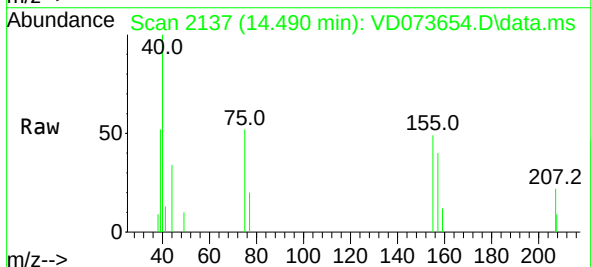
Tgt Ion:146 Resp: 2306
Ion Ratio Lower Upper
146 100
111 45.2 20.9 62.7
148 60.8 31.5 94.5

Manual Integrations
APPROVED

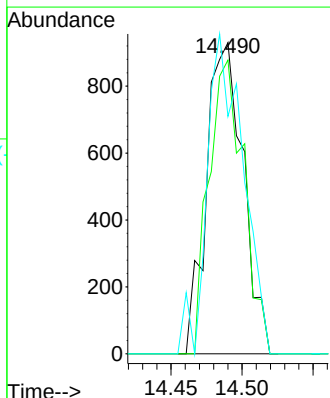
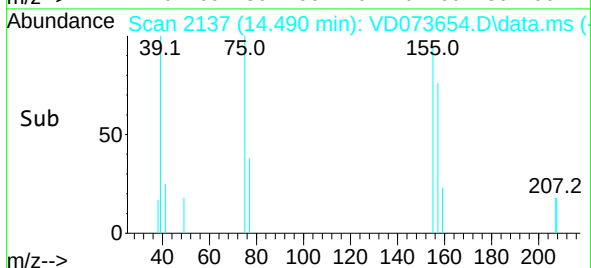
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

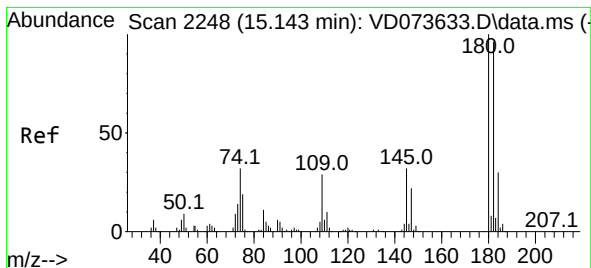


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.729 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD073654.D
Acq: 22 Jun 2022 14:56



Tgt Ion: 75 Resp: 1674
Ion Ratio Lower Upper
75 100
155 89.9 41.6 124.8
157 100.8 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 4.245 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

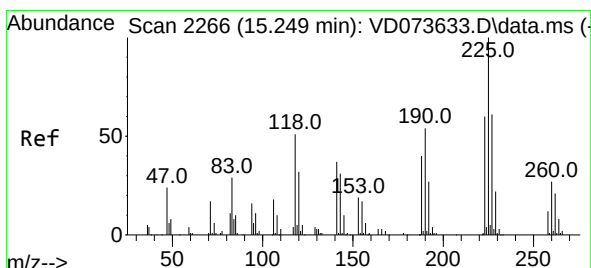
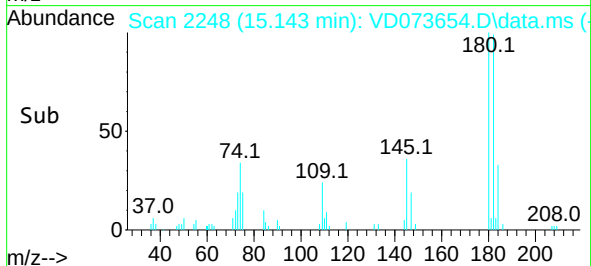
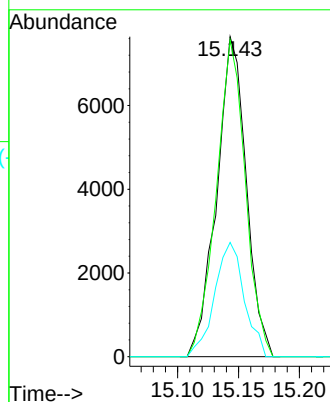
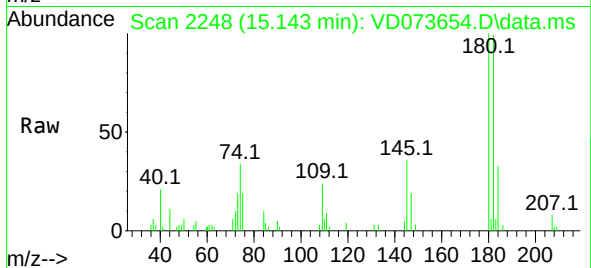
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion:180	Resp:	12910
Ion Ratio	Lower	Upper
180	100	
182	97.3	48.0 144.2
145	35.9	16.1 48.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#94

Hexachlorobutadiene

Concen: 4.870 ug/l

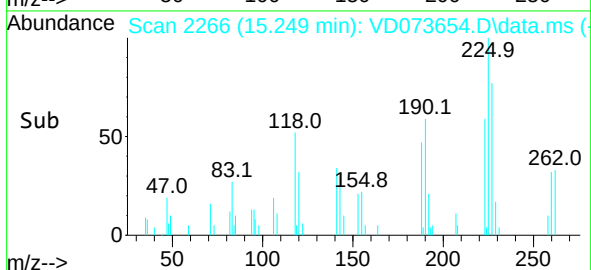
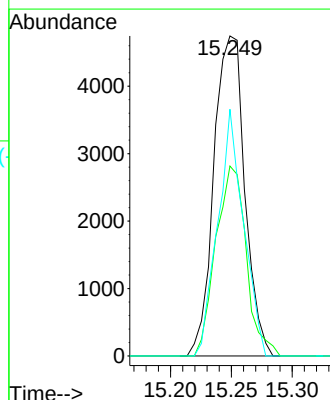
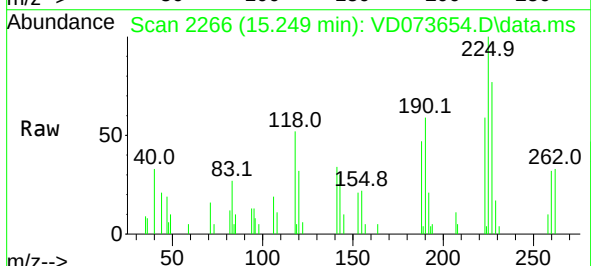
RT: 15.249 min Scan# 2266

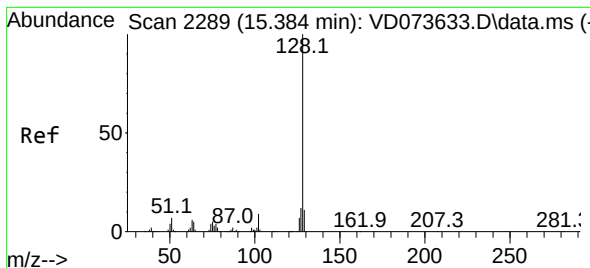
Delta R.T. -0.000 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Tgt Ion:225	Resp:	8393
Ion Ratio	Lower	Upper
225	100	
223	58.3	31.0 93.0
227	64.1	31.8 95.4





#95

Naphthalene

Concen: 3.954 ug/l

RT: 15.378 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Instrument :

MSVOA_D

ClientSampleId :

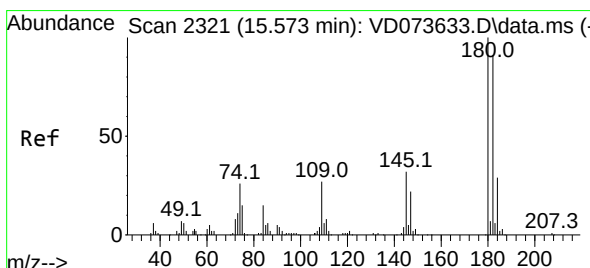
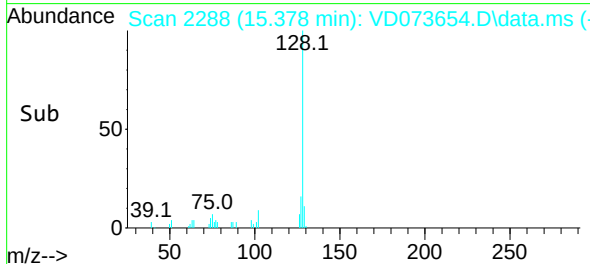
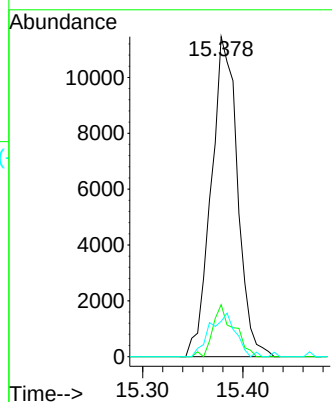
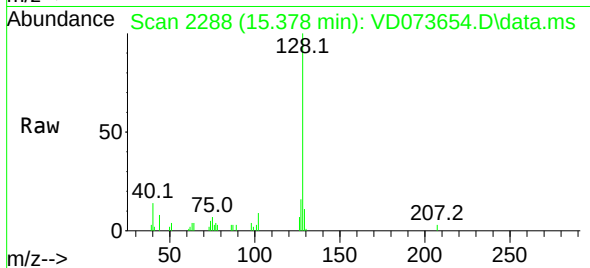
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	13.5	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#96

1,2,3-Trichlorobenzene

Concen: 4.332 ug/l

RT: 15.578 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VD073654.D

Acq: 22 Jun 2022 14:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	46.1	138.3
145	33.1	16.8	50.3

