

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073655.D
 Acq On : 22 Jun 2022 15:24
 Operator : VA/SY
 Sample : N3214-02 5.0PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Quant Time: Jun 23 09:56:53 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	213790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	356076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	333370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	168694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	15756	6.405	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.820%#		
35) Dibromofluoromethane	7.914	113	15416	5.968	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.940%#		
50) Toluene-d8	10.332	98	52597	5.689	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	11.380%#		
62) 4-Bromofluorobenzene	12.620	95	19377	5.715	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	11.420%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	13251	6.435	ug/l	96
3) Chloromethane	2.209	50	11098	5.940	ug/l	96
4) Vinyl Chloride	2.350	62	10237	5.812	ug/l	93
5) Bromomethane	2.762	94	8782	6.387	ug/l	98
6) Chloroethane	2.921	64	6763	5.933	ug/l #	88
7) Trichlorofluoromethane	3.273	101	23920	5.862	ug/l	90
8) Diethyl Ether	3.709	74	5913	5.555	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.079	101	14531	6.165	ug/l	97
10) Methyl Iodide	4.291	142	11722	5.134	ug/l #	89
11) Tert butyl alcohol	5.179	59	32057	117.998	ug/l #	78
12) 1,1-Dichloroethene	4.062	96	11153	5.413	ug/l	98
13) Acrolein	3.909	56	1034	13.815	ug/l #	14
14) Allyl chloride	4.703	41	16130	5.441	ug/l	96
15) Acrylonitrile	5.409	53	13772	28.517	ug/l	99
16) Acetone	4.156	43	13384	34.224	ug/l	95
17) Carbon Disulfide	4.397	76	29436	4.956	ug/l	98
18) Methyl Acetate	4.715	43	11182	8.935	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	26544	5.445	ug/l	99
20) Methylene Chloride	4.967	84	34480	11.012	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	13334	5.443	ug/l	91
22) Diisopropyl ether	6.356	45	34472	5.182	ug/l	90
23) Vinyl Acetate	6.297	43	75754m	21.778	ug/l	
24) 1,1-Dichloroethane	6.256	63	25937	5.823	ug/l #	97
25) 2-Butanone	7.214	43	17869	31.389	ug/l #	82
26) 2,2-Dichloropropane	7.203	77	24037	5.874	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	15745	5.571	ug/l	93
28) Bromochloromethane	7.544	49	9583	5.744	ug/l #	99
29) Tetrahydrofuran	7.567	42	8786	24.885	ug/l	96
30) Chloroform	7.703	83	29574	5.865	ug/l	97
31) Cyclohexane	7.973	56	21504	5.746	ug/l #	72
32) 1,1,1-Trichloroethane	7.897	97	26426	5.889	ug/l	98
36) 1,1-Dichloropropene	8.097	75	19002	5.252	ug/l	95
37) Ethyl Acetate	7.291	43	7829	5.624	ug/l #	82
38) Carbon Tetrachloride	8.091	117	22700	5.524	ug/l #	87
39) Methylcyclohexane	9.344	83	20908	5.215	ug/l	99
40) Benzene	8.344	78	57801	5.523	ug/l	99

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Manual Integrations
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 Supervised By :Semsettin Yesilyurt 06/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	3952	5.128	ug/l #	87
42) 1,2-Dichloroethane	8.414	62	18027	5.766	ug/l	99
43) Isopropyl Acetate	8.450	43	14361	5.480	ug/l	97
44) Trichloroethene	9.108	130	15976	5.359	ug/l	94
45) 1,2-Dichloropropane	9.385	63	13781	5.240	ug/l	92
46) Dibromomethane	9.467	93	8985	6.016	ug/l	86
47) Bromodichloromethane	9.650	83	21928	5.642	ug/l	89
48) Methyl methacrylate	9.450	41	6478	4.883	ug/l	91
49) 1,4-Dioxane	9.450	88	1463	88.395	ug/l #	60
51) 4-Methyl-2-Pentanone	10.220	43	36006	26.760	ug/l	98
52) Toluene	10.397	92	36325	5.310	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	19077	5.360	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	21066	5.062	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	12635	5.991	ug/l #	86
56) Ethyl methacrylate	10.650	69	11031	4.740	ug/l	97
57) 1,3-Dichloropropane	10.938	76	19429	5.593	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	26810	28.644	ug/l	99
59) 2-Hexanone	10.973	43	22278	24.009	ug/l	97
60) Dibromochloromethane	11.126	129	14462	5.260	ug/l	98
61) 1,2-Dibromoethane	11.238	107	10679	5.285	ug/l	93
64) Tetrachloroethene	10.867	164	14903	6.039	ug/l	94
65) Chlorobenzene	11.661	112	41593	5.587	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	16657	5.774	ug/l	100
67) Ethyl Benzene	11.738	91	67278	5.316	ug/l	99
68) m/p-Xylenes	11.844	106	51305	10.294	ug/l	99
69) o-Xylene	12.167	106	24444	5.262	ug/l	91
70) Styrene	12.185	104	39753	4.990	ug/l	97
71) Bromoform	12.349	173	8958	5.703	ug/l #	97
73) Isopropylbenzene	12.467	105	62423	5.128	ug/l	100
74) N-amyl acetate	12.273	43	13167	5.352	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	13087	5.717	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	9077m	5.560	ug/l	
77) Bromobenzene	12.749	156	16643	5.619	ug/l	94
78) n-propylbenzene	12.808	91	79136	5.308	ug/l	95
79) 2-Chlorotoluene	12.896	91	45965	5.256	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	53250	5.122	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	3836	5.422	ug/l	98
82) 4-Chlorotoluene	12.996	91	48945	5.244	ug/l	97
83) tert-Butylbenzene	13.208	119	44667	4.964	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	51048	4.978	ug/l	99
85) sec-Butylbenzene	13.391	105	68572	5.125	ug/l	100
86) p-Isopropyltoluene	13.502	119	58093	5.256	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	34020	5.567	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	34912	5.764	ug/l	94
89) n-Butylbenzene	13.832	91	52708	5.072	ug/l	98
90) Hexachloroethane	14.096	117	12774	5.411	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	29625	5.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	1869	5.229	ug/l	73
93) 1,2,4-Trichlorobenzene	15.143	180	17001	5.536	ug/l	94
94) Hexachlorobutadiene	15.249	225	9902	5.689	ug/l	97
95) Naphthalene	15.385	128	25752	4.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	14264	5.339	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Jun 23 09:55:20 2022
Response via : Initial Calibration

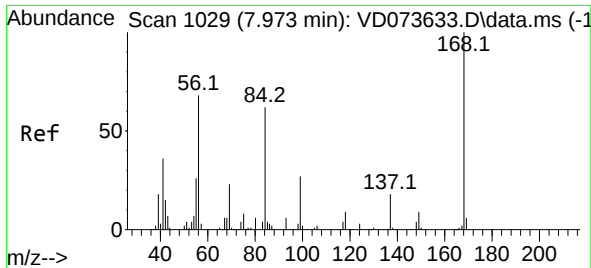
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 06/23/2022

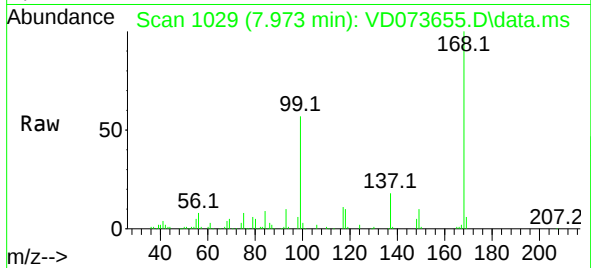
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

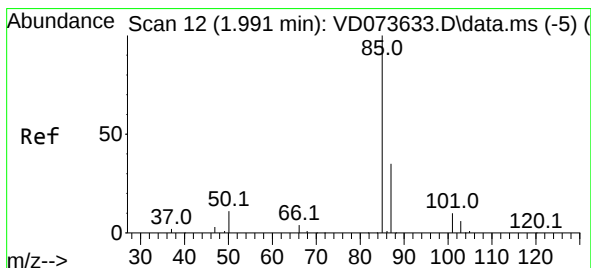
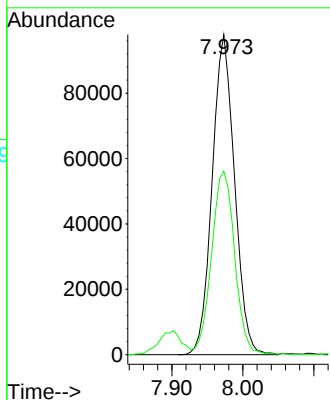
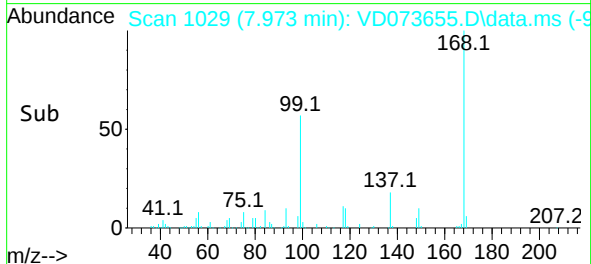
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion:168 Resp: 213790
Ion Ratio Lower Upper
168 100
99 57.1 47.4 71.0

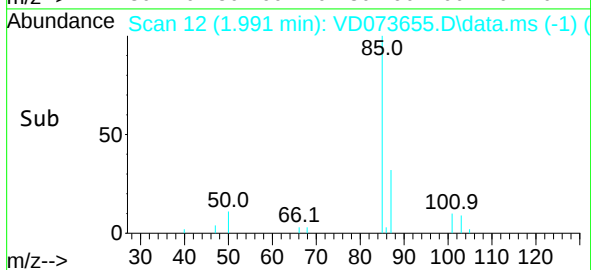
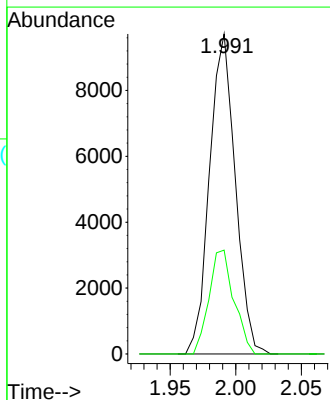
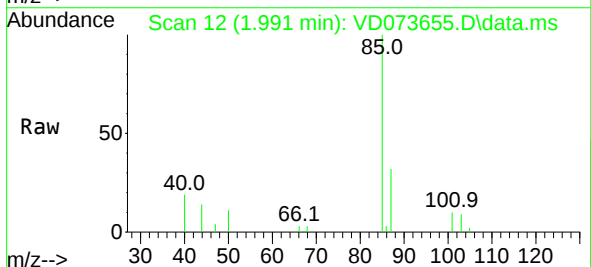
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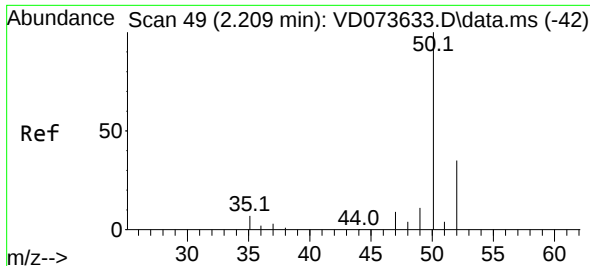
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#2
Dichlorodifluoromethane
Concen: 6.435 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

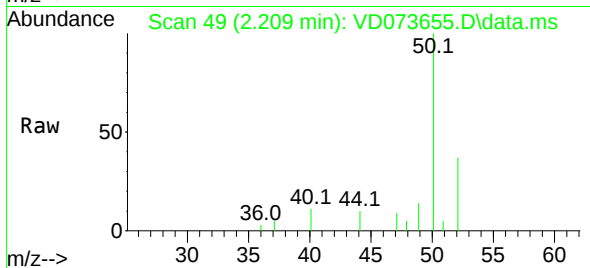
Tgt Ion: 85 Resp: 13251
Ion Ratio Lower Upper
85 100
87 32.5 17.4 52.2





#3
Chloromethane
Concen: 5.940 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

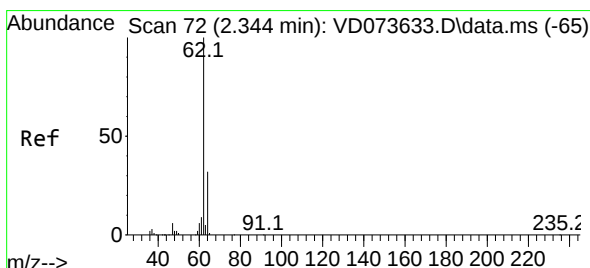
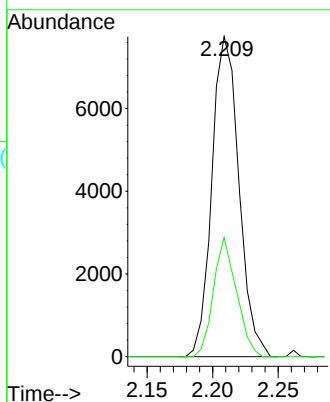
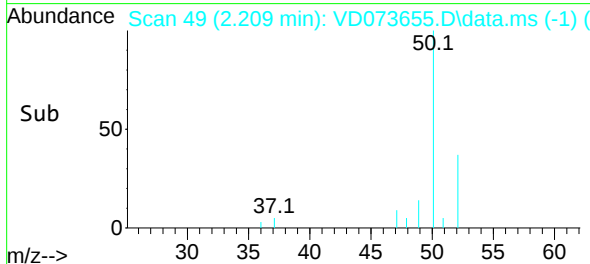
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Tgt Ion: 50 Resp: 11098
Ion Ratio Lower Upper
50 100
52 37.2 27.8 41.8

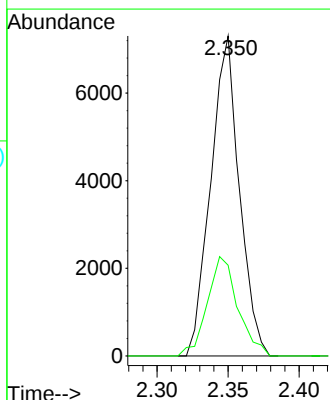
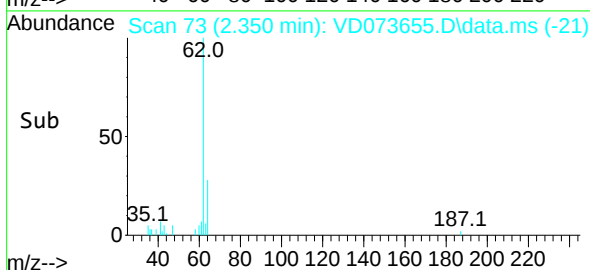
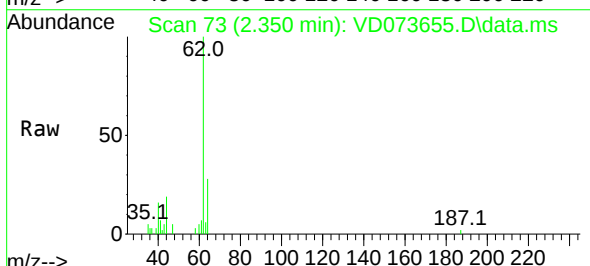
Manual Integrations
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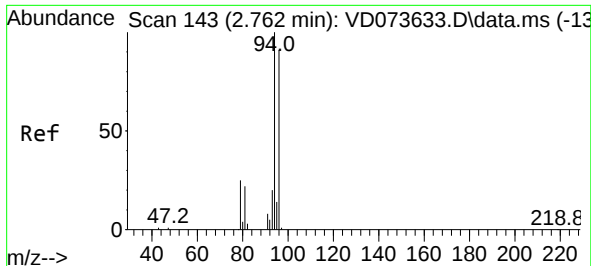
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#4
Vinyl Chloride
Concen: 5.812 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

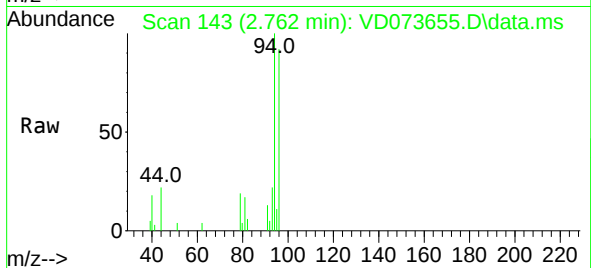
Tgt Ion: 62 Resp: 10237
Ion Ratio Lower Upper
62 100
64 28.3 25.9 38.9





#5
Bromomethane
Concen: 6.387 ug/l
RT: 2.762 min Scan# 143
Delta R.T. -0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

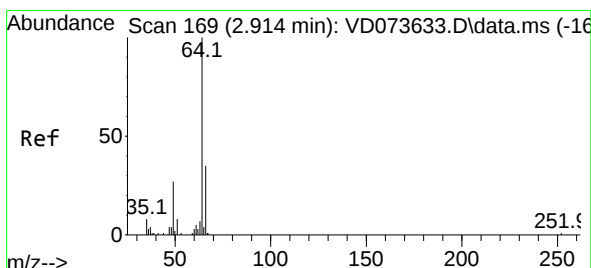
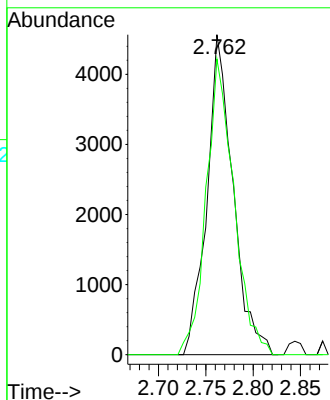
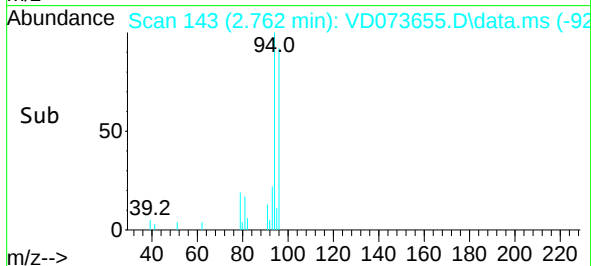
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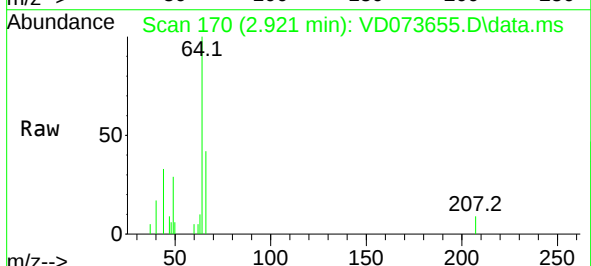
Tgt Ion: 94 Resp: 878
Ion Ratio Lower Upper
94 100
96 92.4 72.6 108.8

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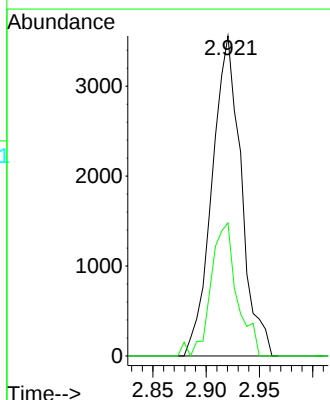
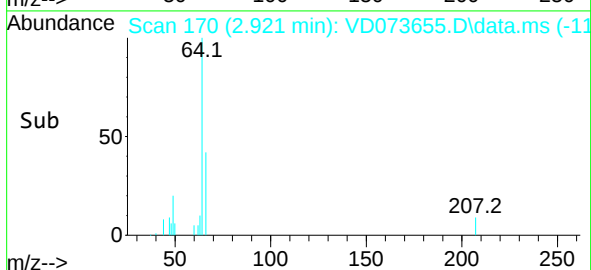
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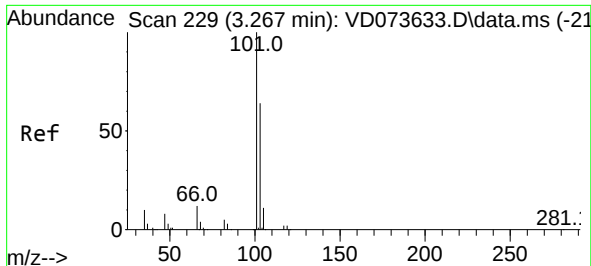


#6
Chloroethane
Concen: 5.933 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.006 min
Lab File: VD073655.D
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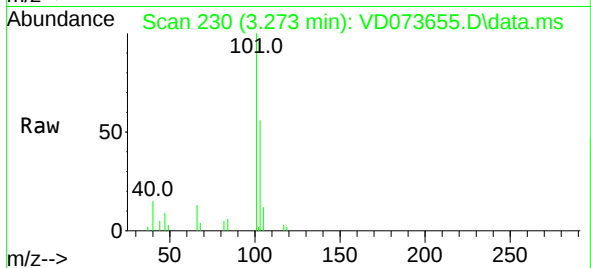
Tgt Ion: 64 Resp: 6763
Ion Ratio Lower Upper
64 100
66 41.6 27.7 41.5#





#7
Trichlorofluoromethane
Concen: 5.862 ug/l
RT: 3.273 min Scan# 210
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

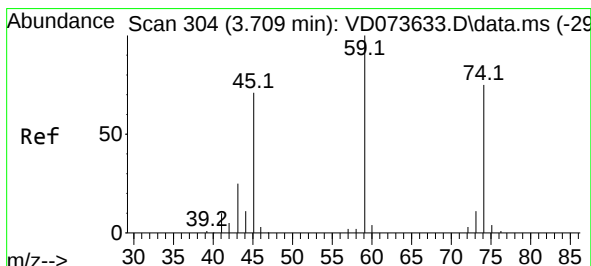
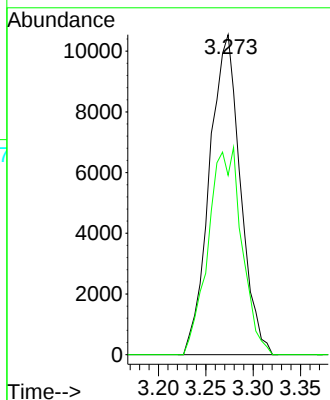
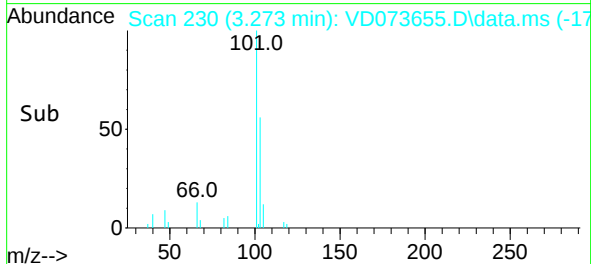
Instrument :
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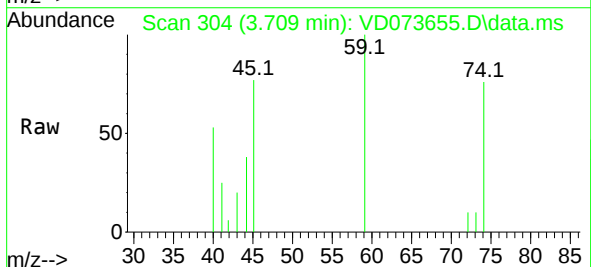
Tgt Ion:101 Resp: 23920
Ion Ratio Lower Upper
101 100
103 56.1 51.2 76.8

Manual Integrations
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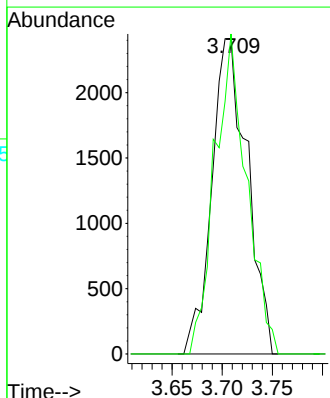
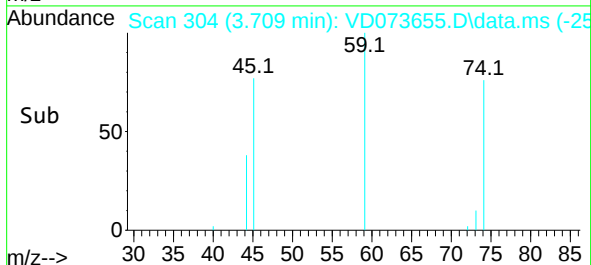
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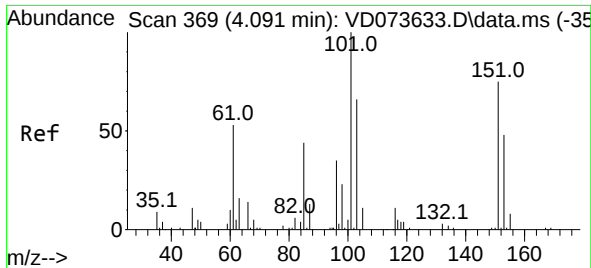


#8
Diethyl Ether
Concen: 5.555 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD073655.D
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Tgt Ion: 74 Resp: 5913
Ion Ratio Lower Upper
74 100
45 91.7 47.6 142.8





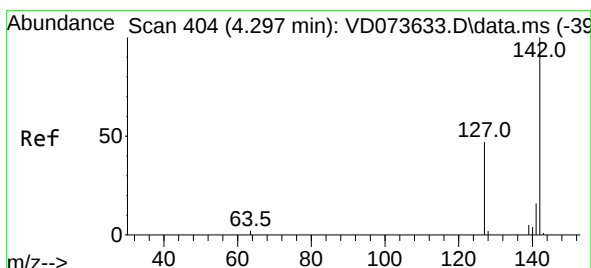
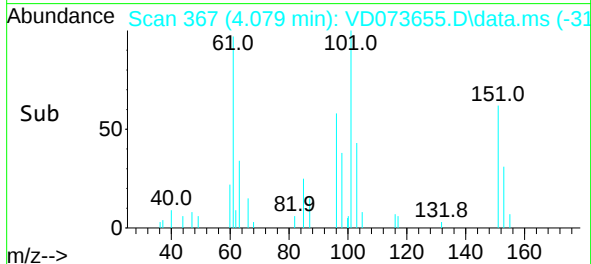
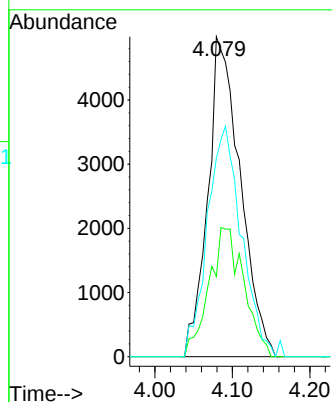
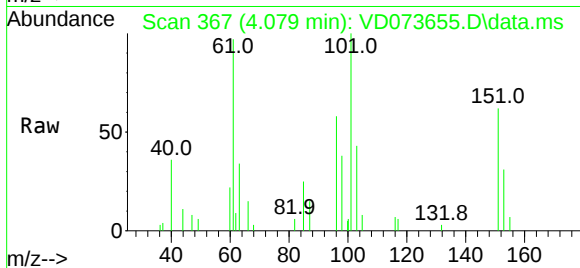
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.165 ug/l
RT: 4.079 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Tgt Ion:101 Resp: 1453
Ion Ratio Lower Upper
101 100
85 43.1 35.2 52.8
151 75.4 63.4 95.0

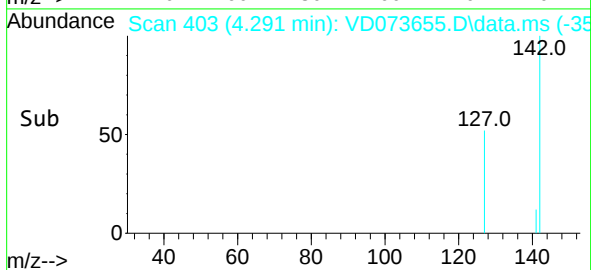
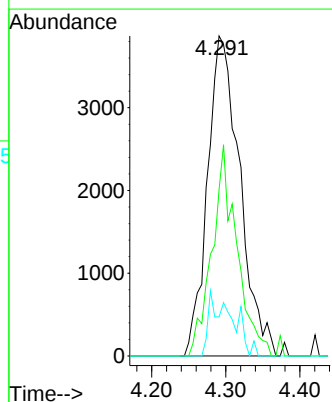
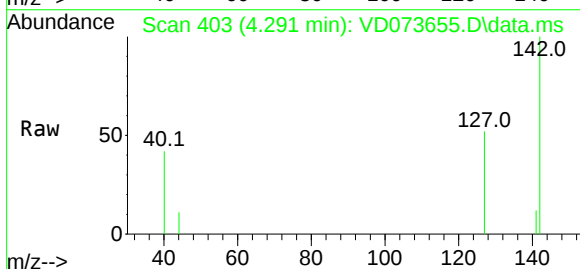
Manual Integrations
APPROVED

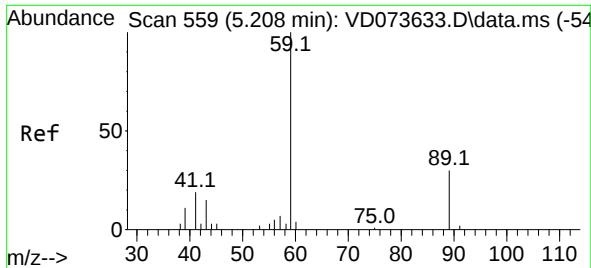
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#10
Methyl Iodide
Concen: 5.134 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

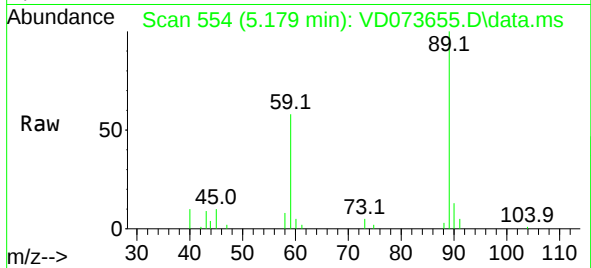
Tgt Ion:142 Resp: 11722
Ion Ratio Lower Upper
142 100
127 50.8 37.2 55.8
141 5.8 12.3 18.5#





#11
Tert butyl alcohol
Concen: 117.998 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.029 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

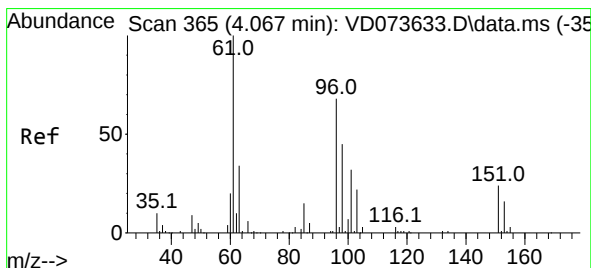
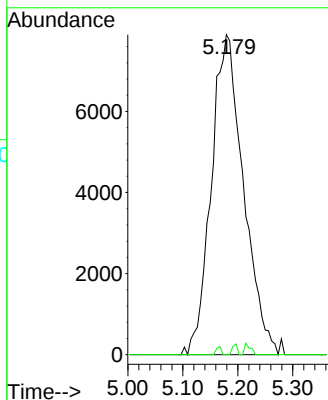
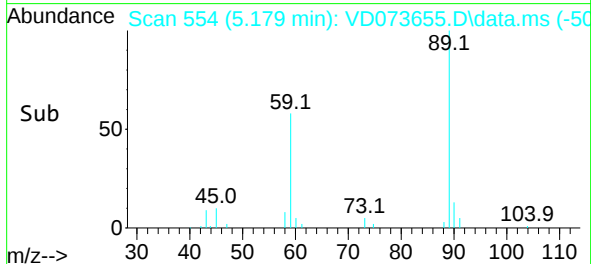
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



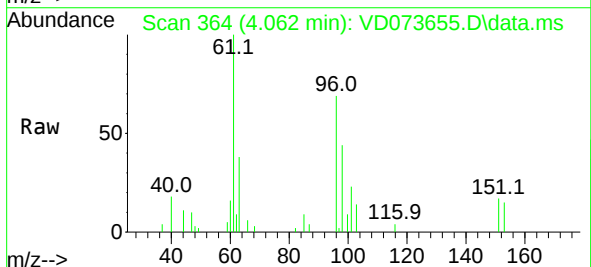
Tgt Ion: 59 Resp: 3205
Ion Ratio Lower Upper
59 100
57 0.4 6.7 10.1

Manual Integrations
APPROVED

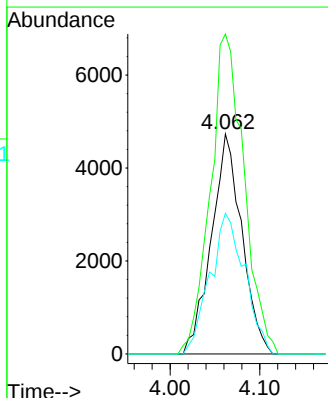
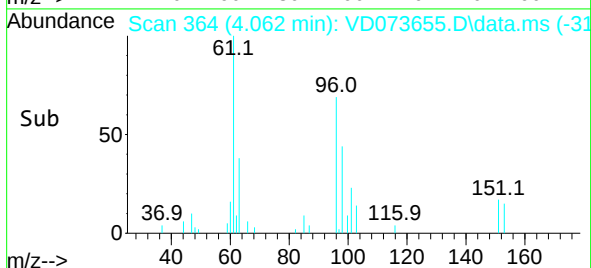
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

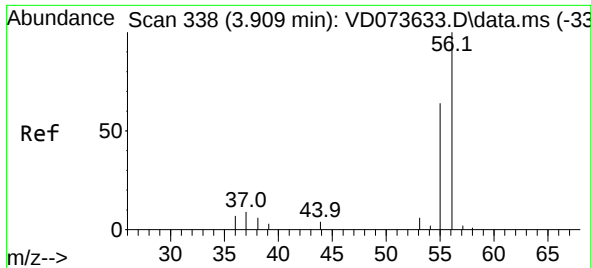


#12
1,1-Dichloroethene
Concen: 5.413 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24



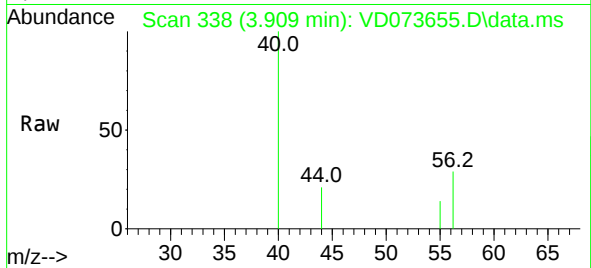
Tgt Ion: 96 Resp: 11153
Ion Ratio Lower Upper
96 100
61 145.5 118.5 177.7
98 63.9 52.8 79.2





#13
Acrolein
Concen: 13.815 ug/l
RT: 3.909 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

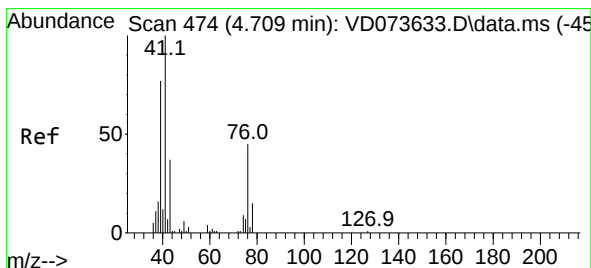
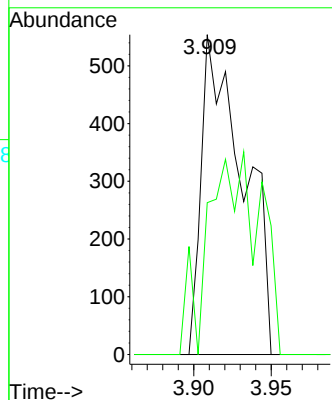
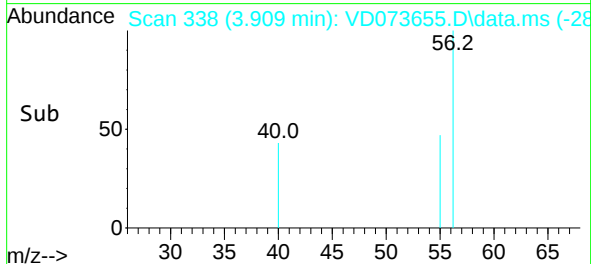
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022



Tgt Ion: 56 Resp: 1034
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6

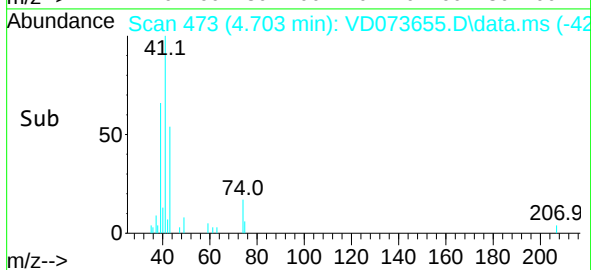
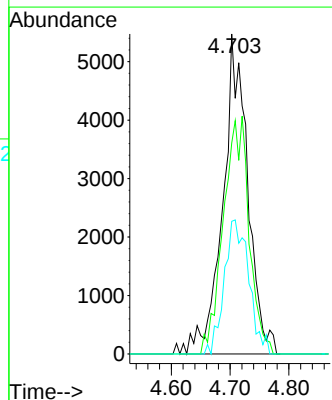
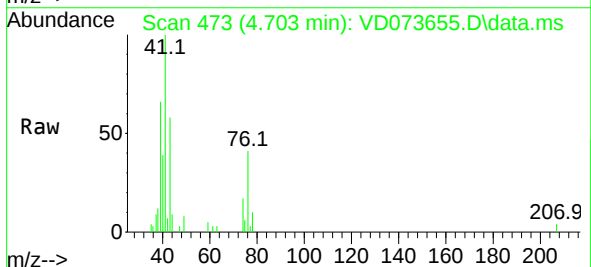
Manual Integrations
APPROVED

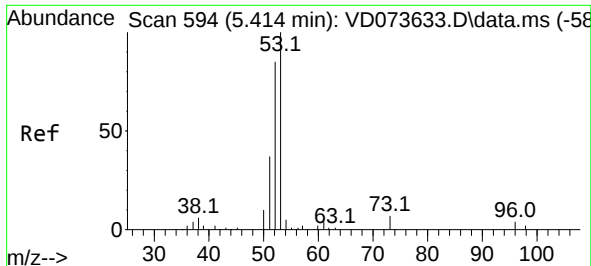
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#14
Allyl chloride
Concen: 5.441 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

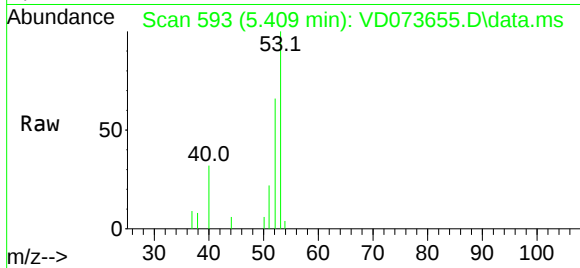
Tgt Ion: 41 Resp: 16130
Ion Ratio Lower Upper
41 100
39 76.4 57.3 85.9
76 41.1 33.4 50.0





#15
Acrylonitrile
Concen: 28.517 ug/l
RT: 5.409 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

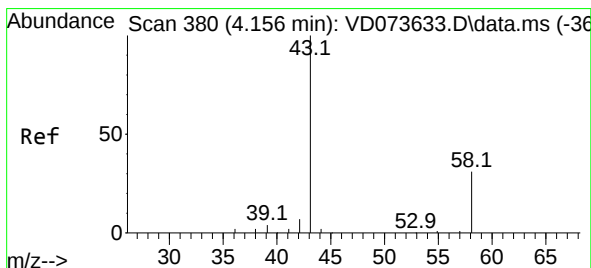
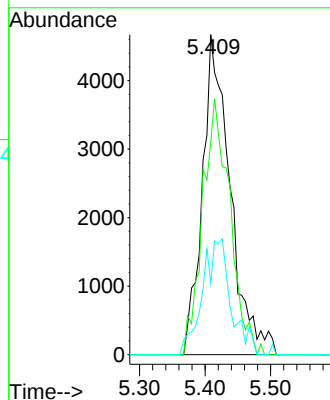
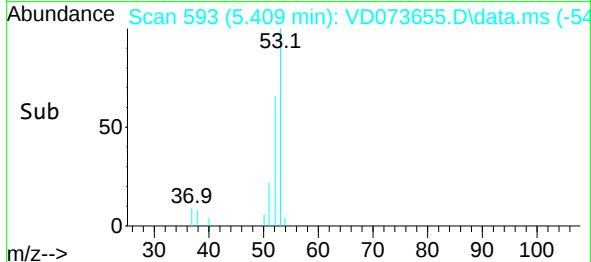
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 53 Resp: 13772
Ion Ratio Lower Upper
53 100
52 78.9 64.6 97.0
51 37.0 29.6 44.4

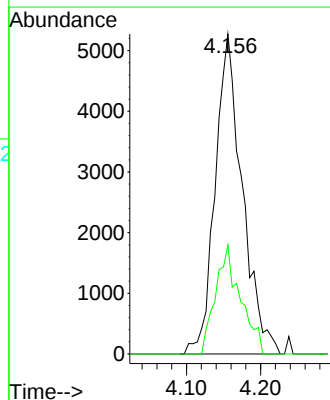
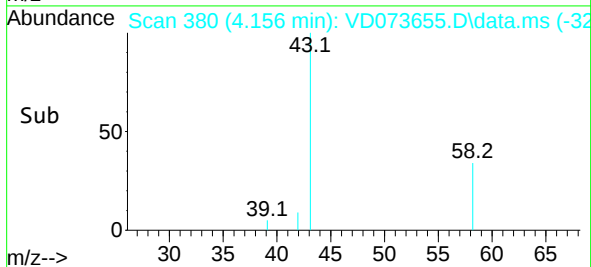
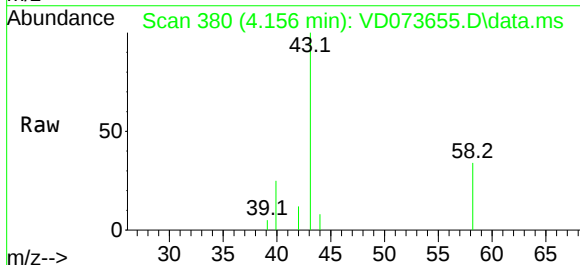
Manual Integrations
APPROVED

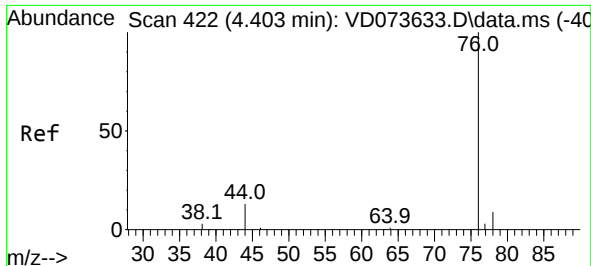
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#16
Acetone
Concen: 34.224 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 43 Resp: 13384
Ion Ratio Lower Upper
43 100
58 34.1 25.0 37.4





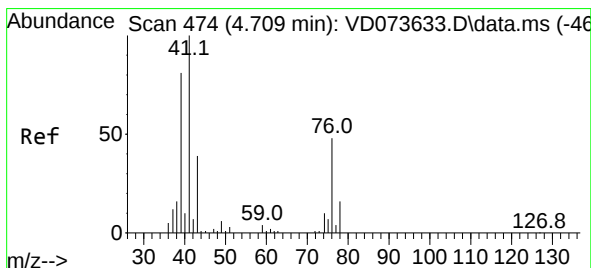
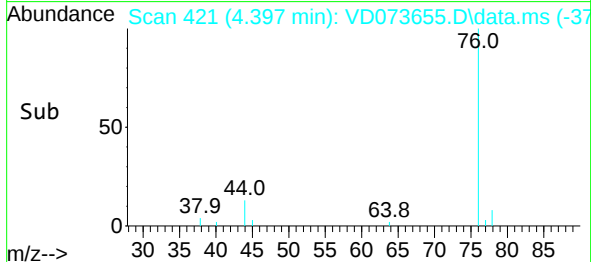
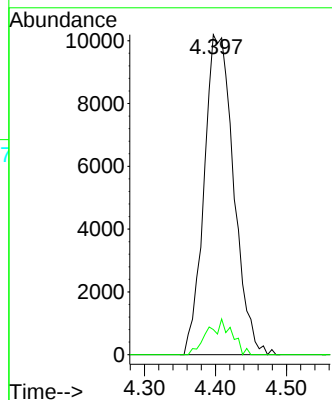
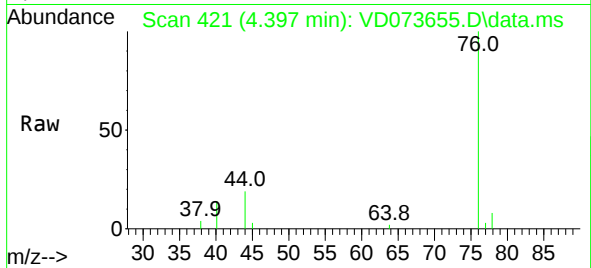
#17
Carbon Disulfide
Concen: 4.956 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Tgt Ion: 76 Resp: 2943
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.4

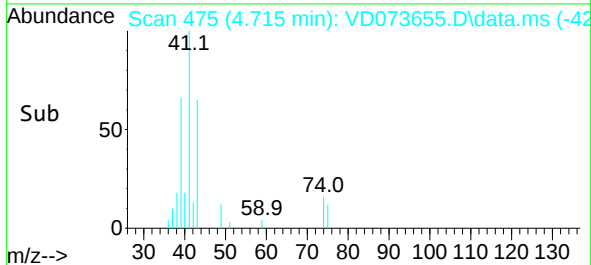
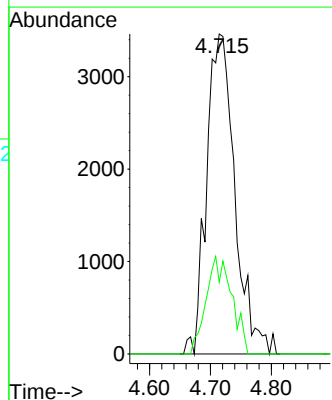
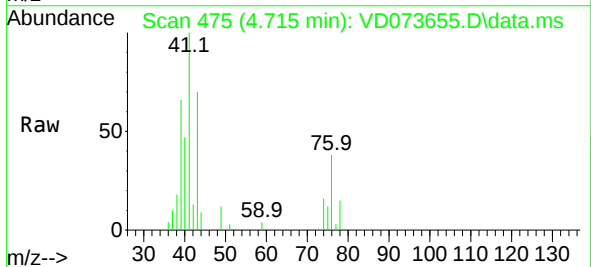
Manual Integrations
APPROVED

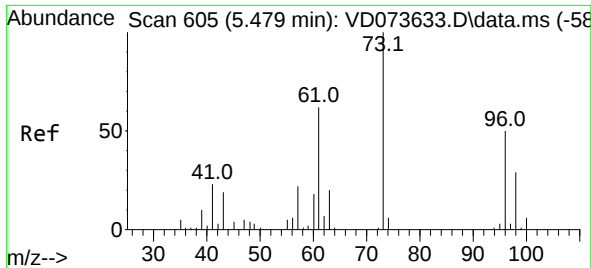
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#18
Methyl Acetate
Concen: 8.935 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

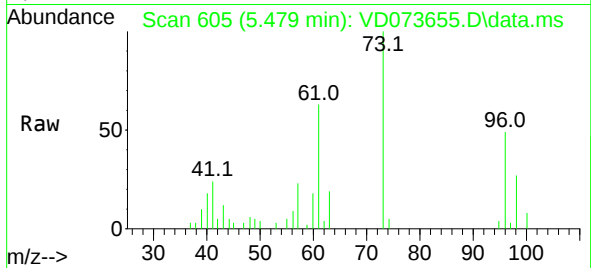
Tgt Ion: 43 Resp: 11182
Ion Ratio Lower Upper
43 100
74 27.6 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 5.445 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

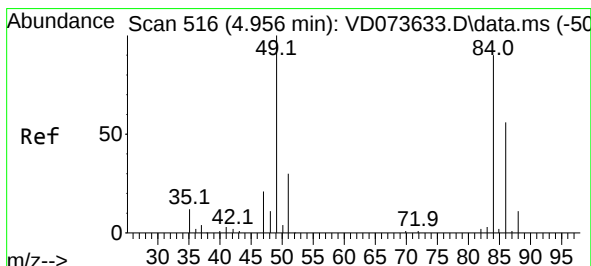
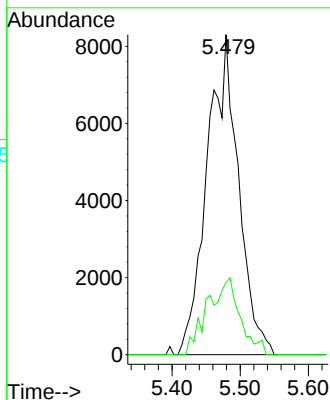
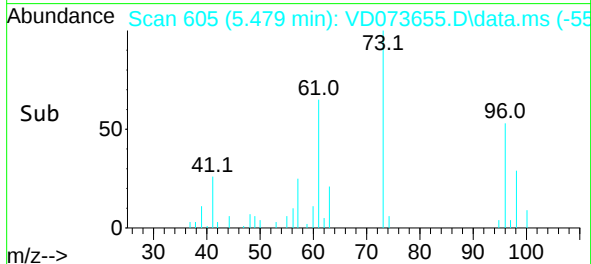
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 73 Resp: 26544
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5

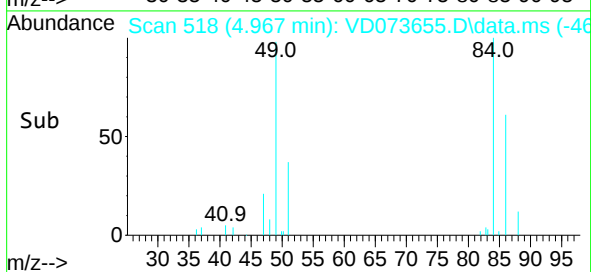
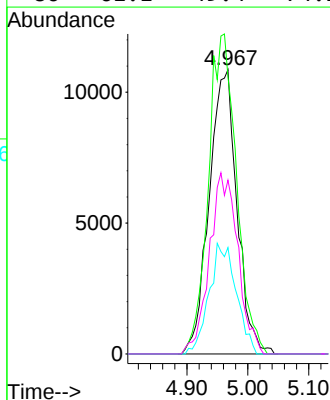
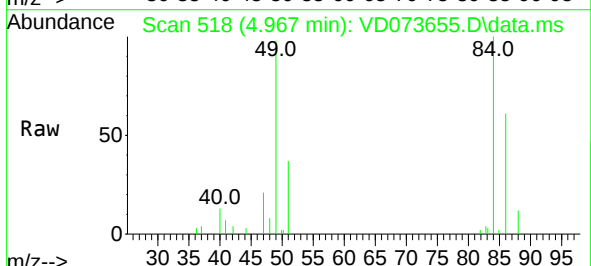
Manual Integrations
APPROVED

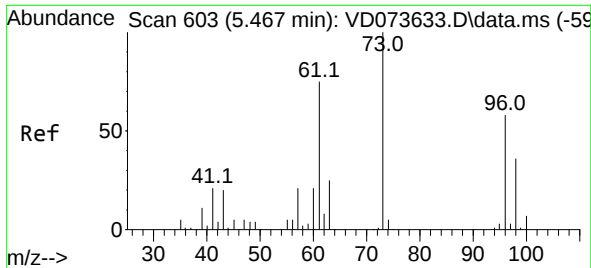
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#20
Methylene Chloride
Concen: 11.012 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.011 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

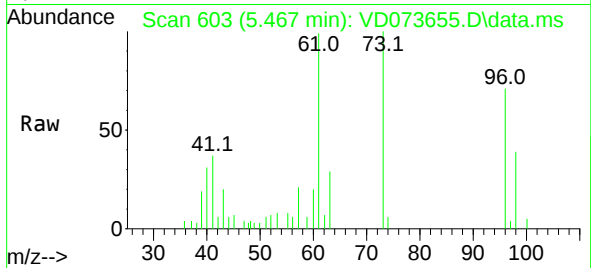
Tgt Ion: 84 Resp: 34480
Ion Ratio Lower Upper
84 100
49 97.6 89.0 133.6
51 37.4 26.7 40.1
86 61.1 49.4 74.2





#21
trans-1,2-Dichloroethene
Concen: 5.443 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

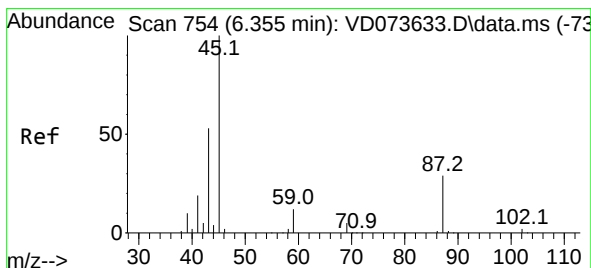
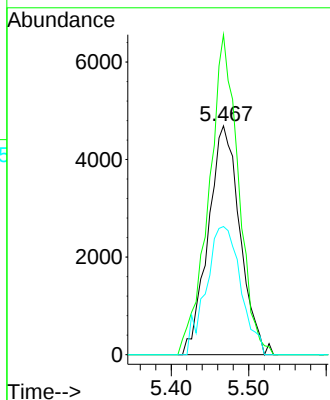
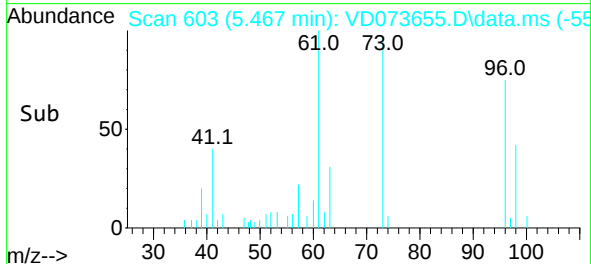
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



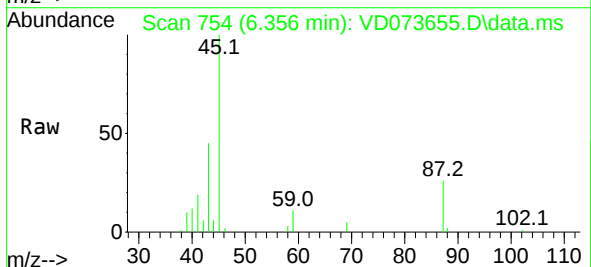
Tgt Ion: 96 Resp: 13334
Ion Ratio Lower Upper
96 100
61 139.9 103.2 154.8
98 56.0 50.2 75.4

Manual Integrations
APPROVED

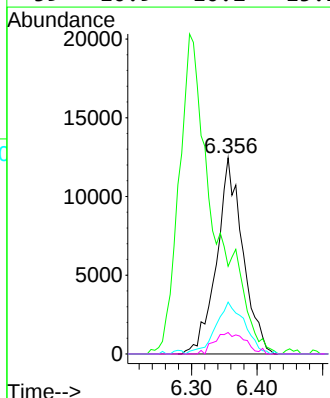
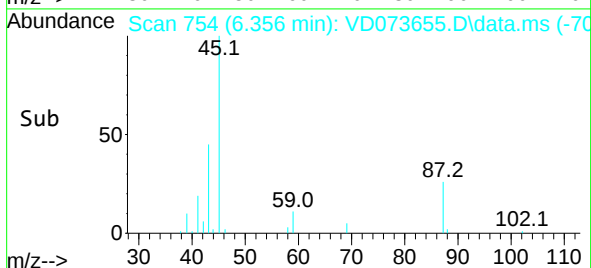
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

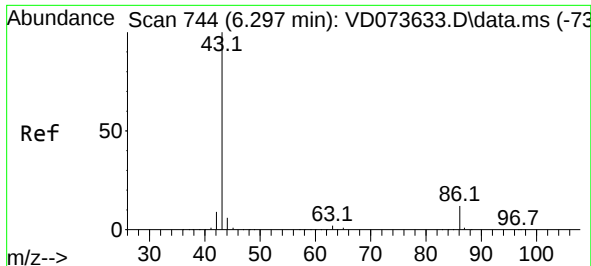


#22
Diisopropyl ether
Concen: 5.182 ug/l
RT: 6.356 min Scan# 754
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24



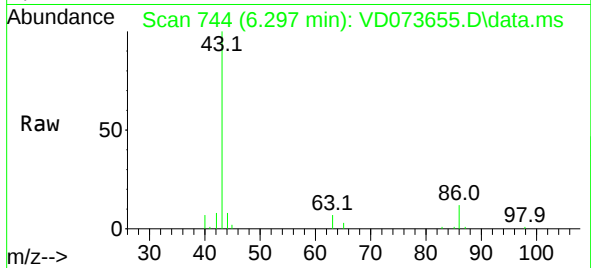
Tgt Ion: 45 Resp: 34472
Ion Ratio Lower Upper
45 100
43 44.7 43.8 65.6
87 26.4 23.8 35.6
59 10.9 10.2 15.2





#23
 Vinyl Acetate
 Concen: 21.778 ug/l m
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24

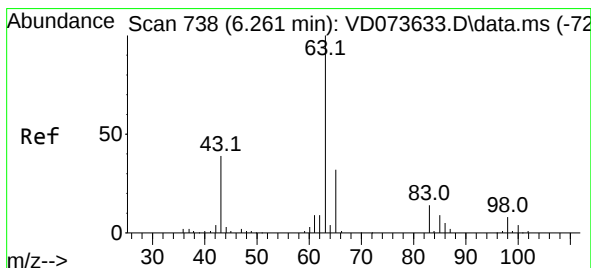
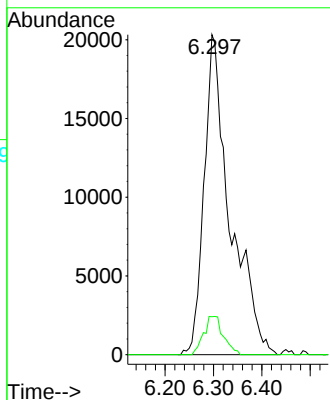
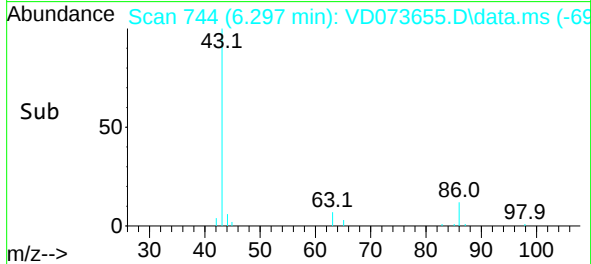
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



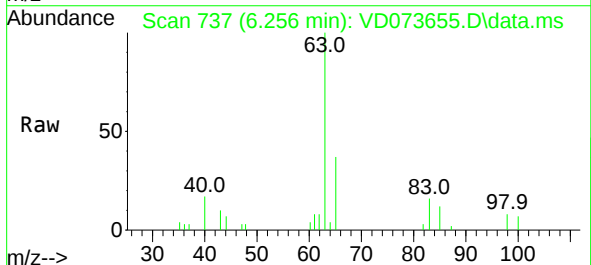
Tgt Ion: 43 Resp: 75754
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.4 14.0

Manual Integrations
 APPROVED

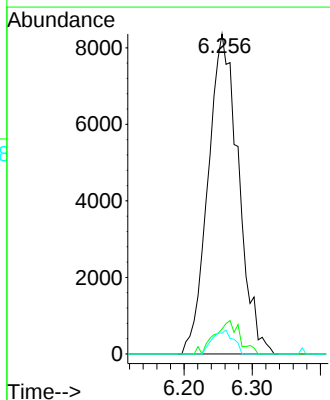
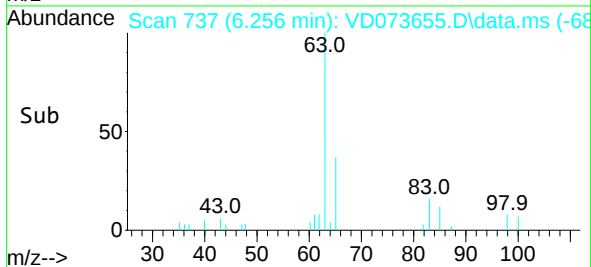
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

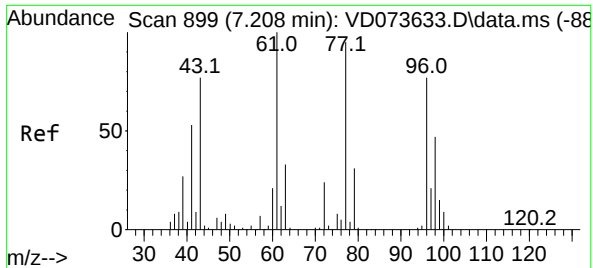


#24
 1,1-Dichloroethane
 Concen: 5.823 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24



Tgt Ion: 63 Resp: 25937
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.1 12.3
 100 6.5 2.1 6.2#





#25

2-Butanone

Concen: 31.389 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 43 Resp: 1786

Ion Ratio Lower Upper

43 100

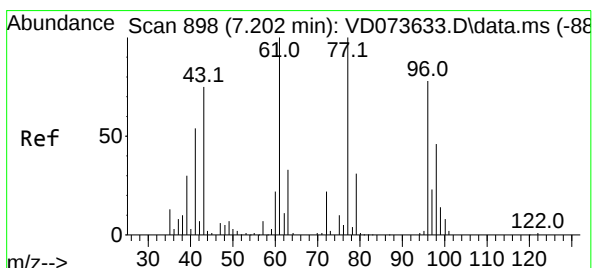
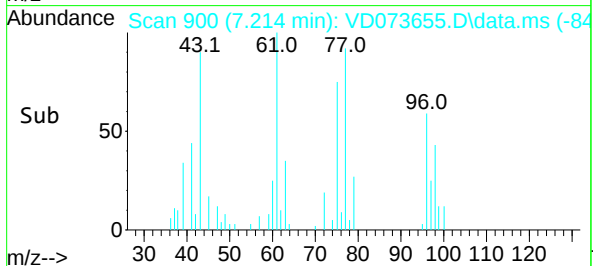
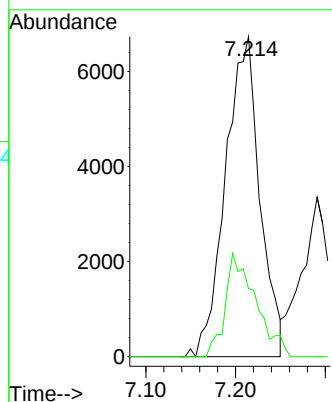
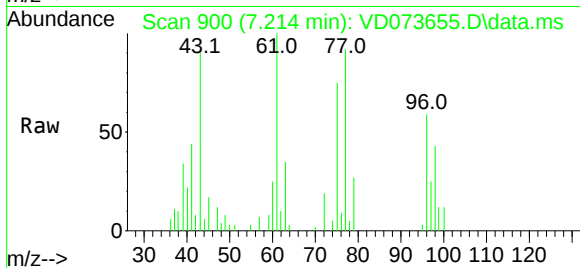
72 21.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#26

2,2-Dichloropropane

Concen: 5.874 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073655.D

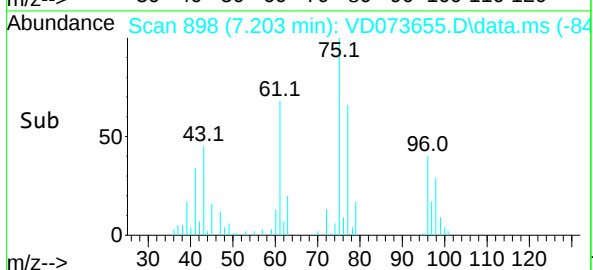
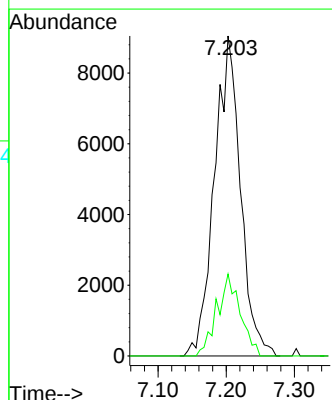
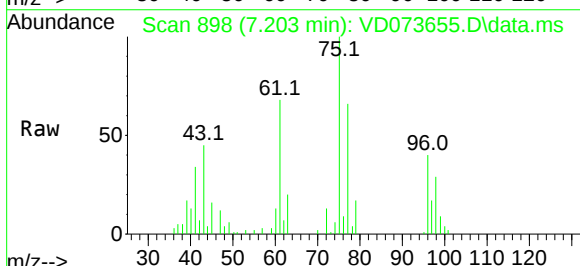
Acq: 22 Jun 2022 15:24

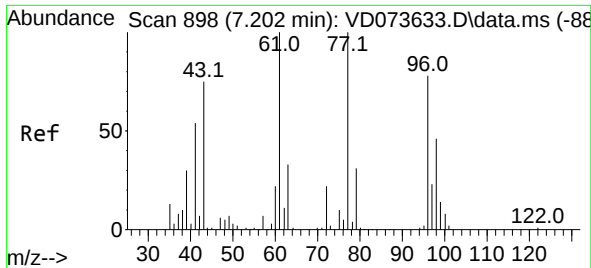
Tgt Ion: 77 Resp: 24037

Ion Ratio Lower Upper

77 100

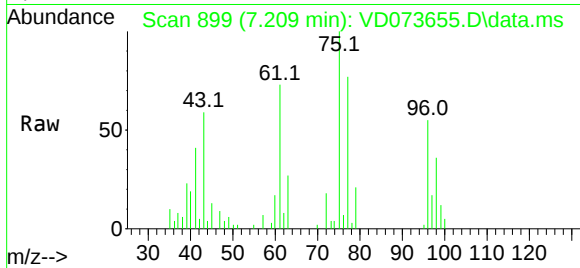
97 22.9 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 5.571 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.006 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24

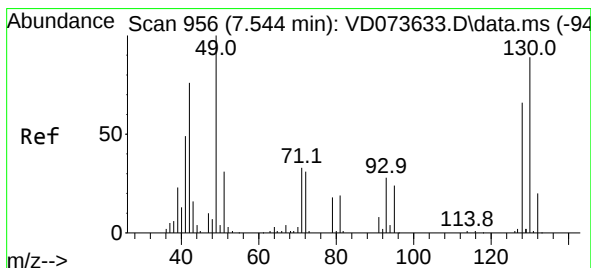
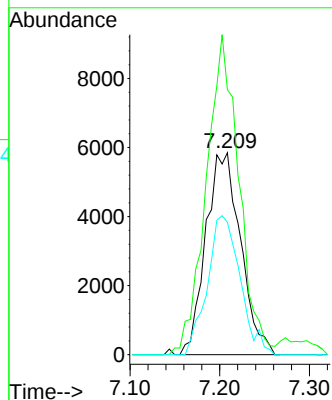
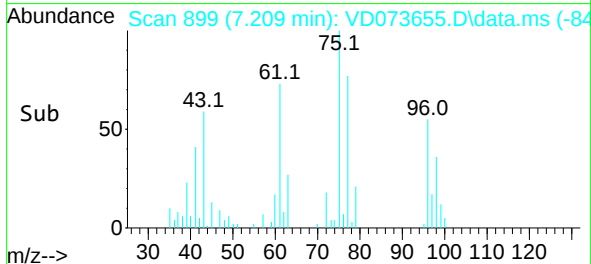
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022



Tgt Ion: 96 Resp: 1574
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 273.2
 98 64.8 0.0 126.8

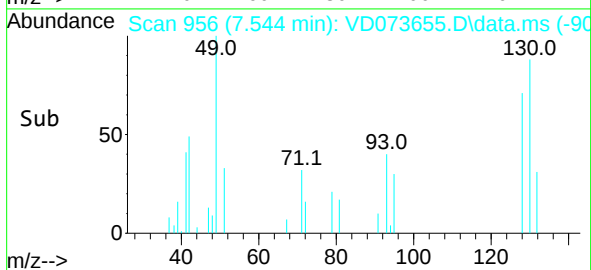
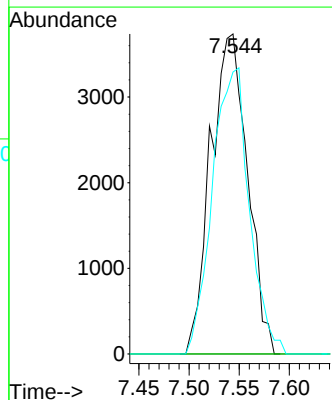
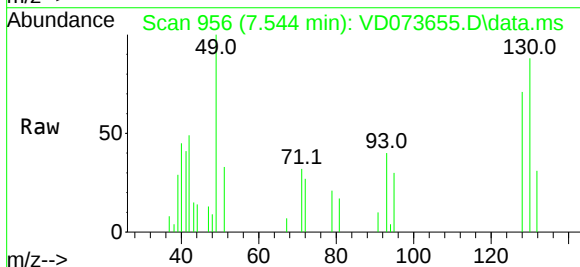
Manual Integrations
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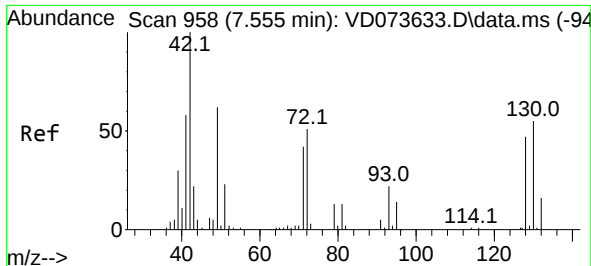
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022



#28
 Bromochloromethane
 Concen: 5.744 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.000 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24

Tgt Ion: 49 Resp: 9583
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 89.1 72.2 108.2





#29

Tetrahydrofuran

Concen: 24.885 ug/l

RT: 7.567 min Scan# 90

Delta R.T. 0.012 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

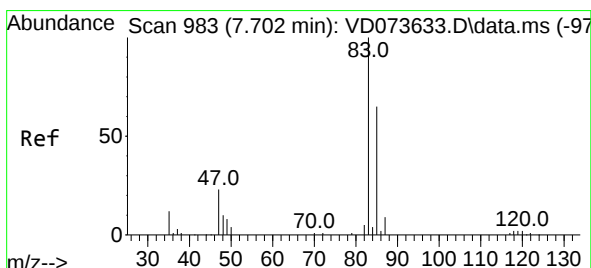
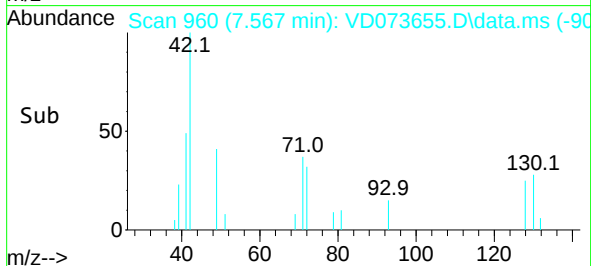
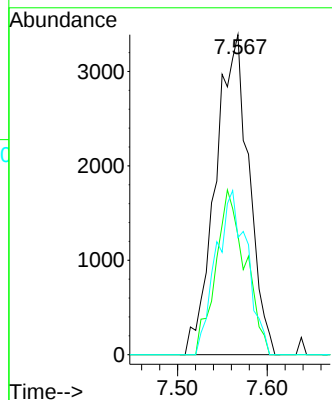
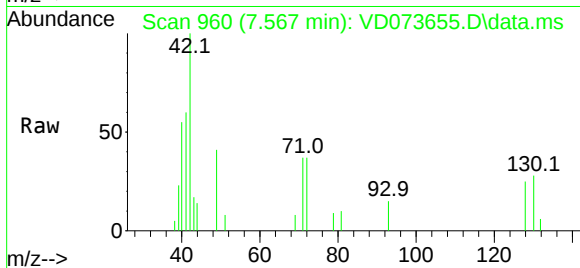
ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 42	Resp: 878
Ion Ratio	Lower Upper
42	100
72	45.7 37.9 56.9
71	47.7 35.2 52.8

Manual Integrations
APPROVED

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



#30

Chloroform

Concen: 5.865 ug/l

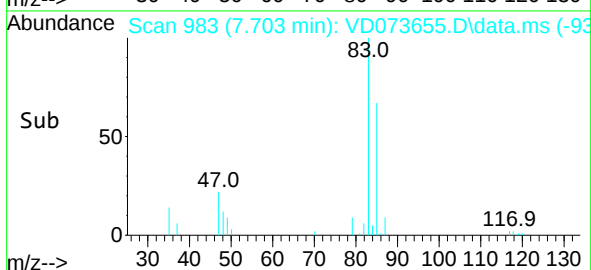
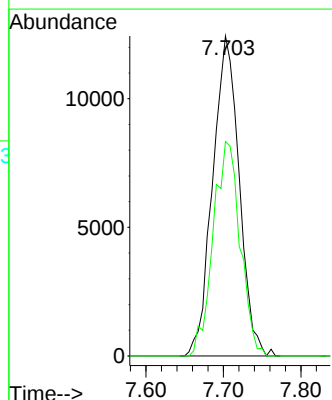
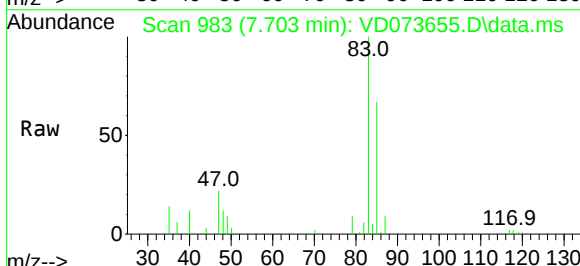
RT: 7.703 min Scan# 983

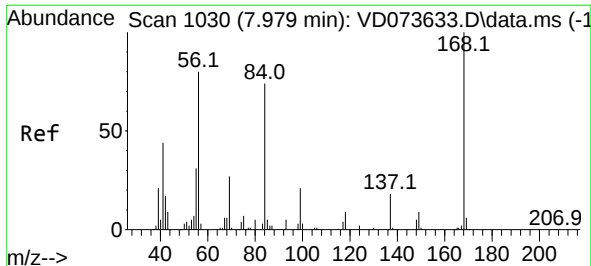
Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

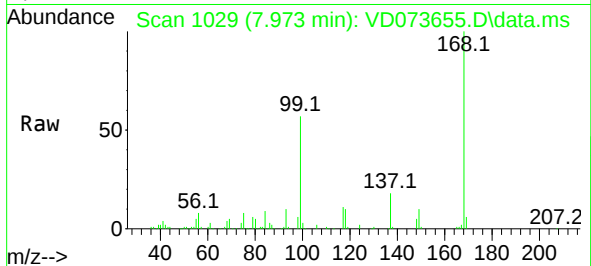
Tgt Ion: 83	Resp: 29574
Ion Ratio	Lower Upper
83	100
85	67.0 51.8 77.8





#31
Cyclohexane
Concen: 5.746 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

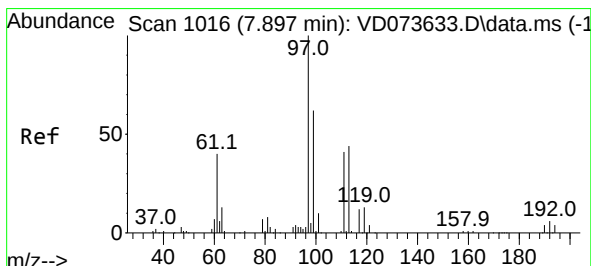
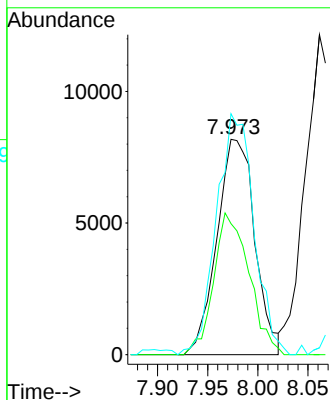
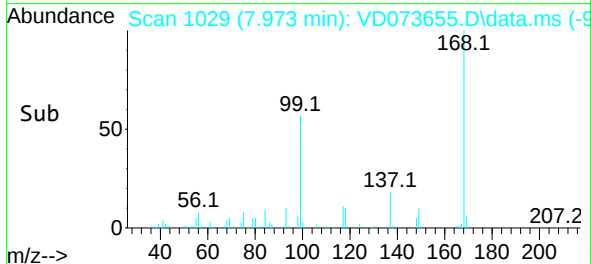
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 56 Resp: 21504
Ion Ratio Lower Upper
56 100
69 60.8 26.9 40.3
84 111.9 73.8 110.8

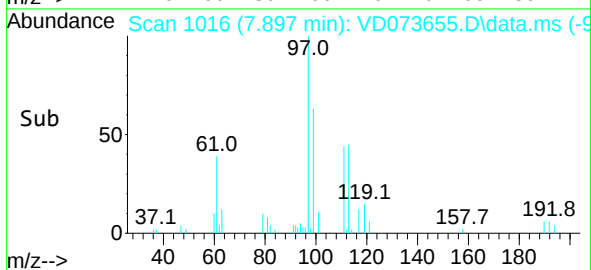
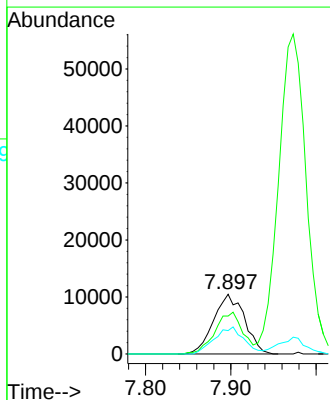
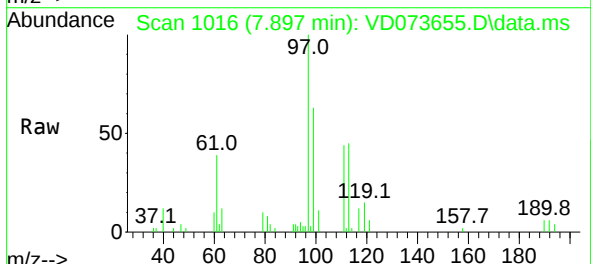
Manual Integrations
APPROVED

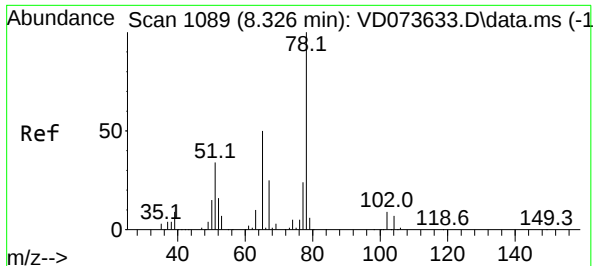
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#32
1,1,1-Trichloroethane
Concen: 5.889 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 97 Resp: 26426
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.4
61 42.9 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 6.405 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 65 Resp: 15750

Ion Ratio Lower Upper

65 100

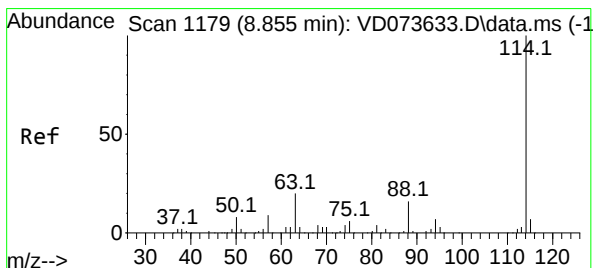
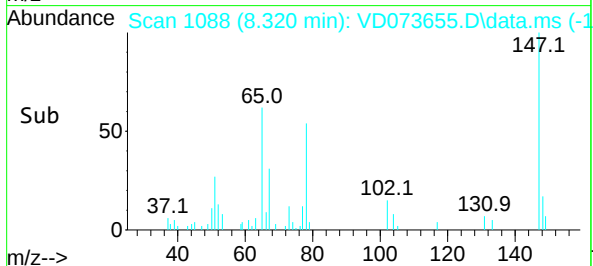
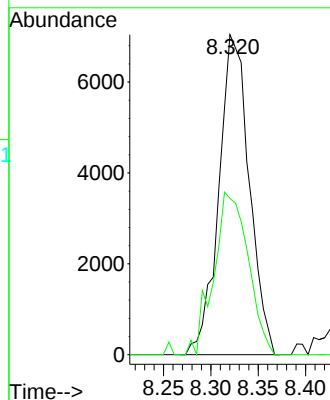
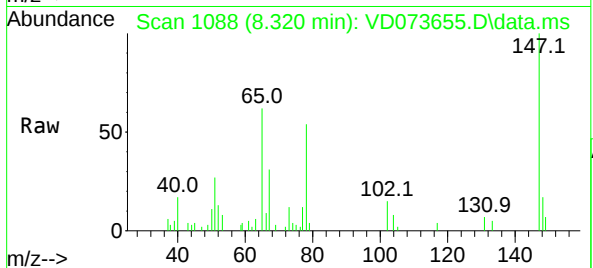
67 57.4 0.0 102.8

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: VD073655.D

Acq: 22 Jun 2022 15:24

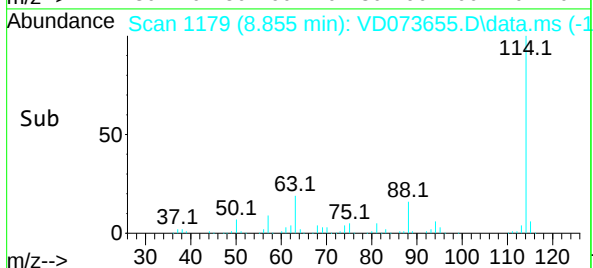
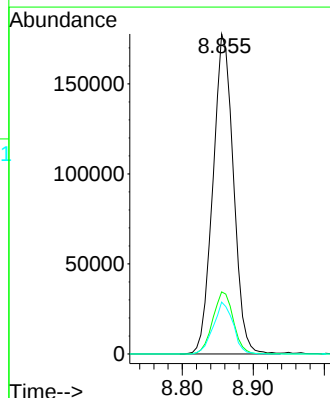
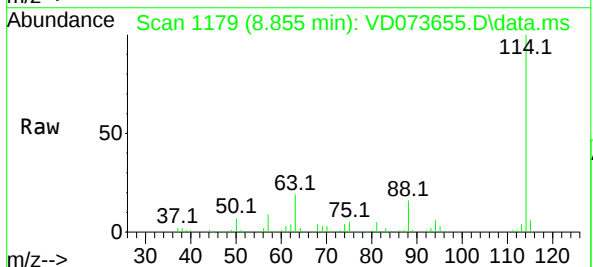
Tgt Ion:114 Resp: 356076

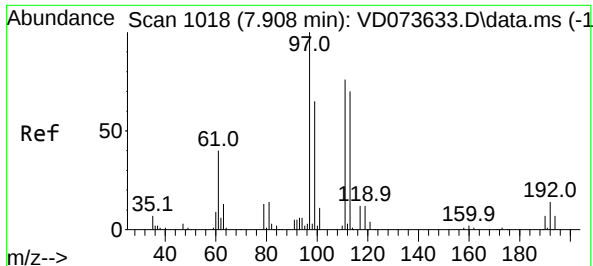
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.4

88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 5.968 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

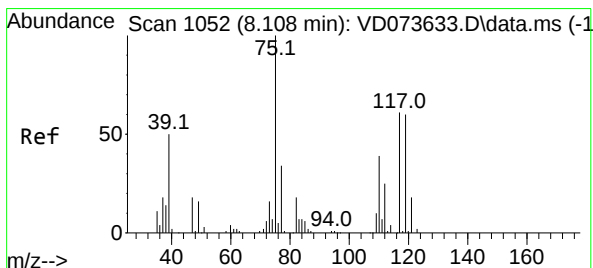
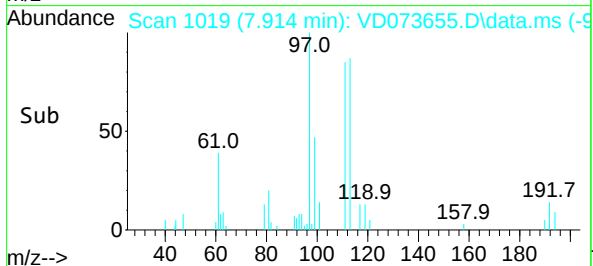
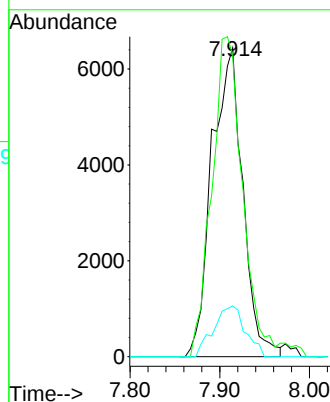
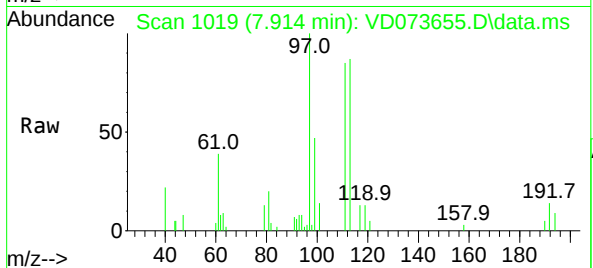
LOQ-SOIL-02-QT2-2022

Tgt Ion:	113	Resp:	15410
Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.1	121.7
192	16.8	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: 5.252 ug/l

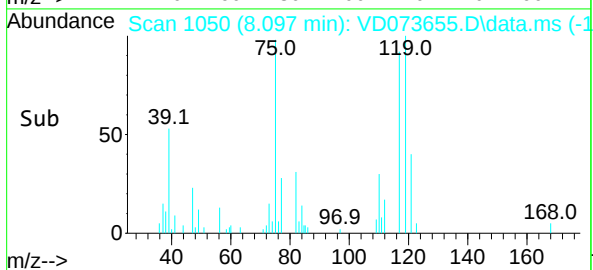
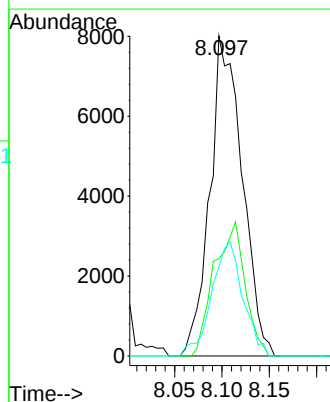
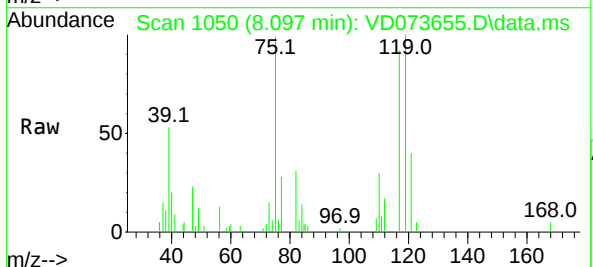
RT: 8.097 min Scan# 1050

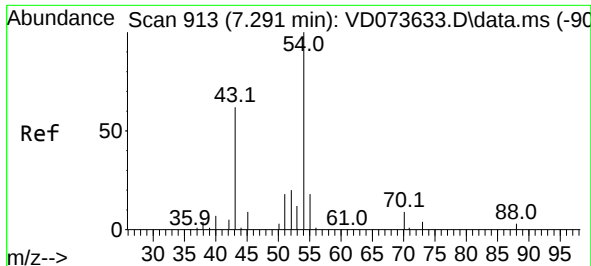
Delta R.T. -0.012 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Tgt Ion:	75	Resp:	19002
Ion	Ratio	Lower	Upper
75	100		
110	40.1	18.4	55.4
77	34.6	25.7	38.5





#37

Ethyl Acetate

Concen: 5.624 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD073655.D

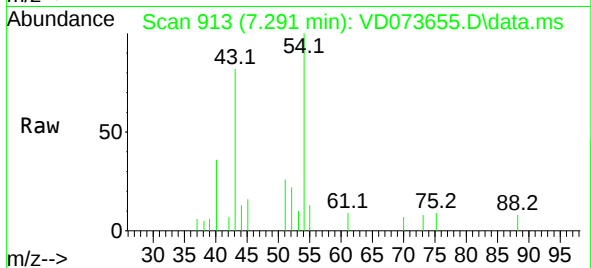
Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

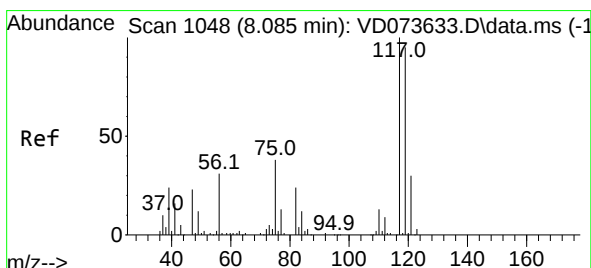
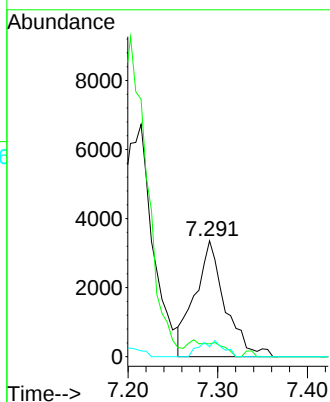
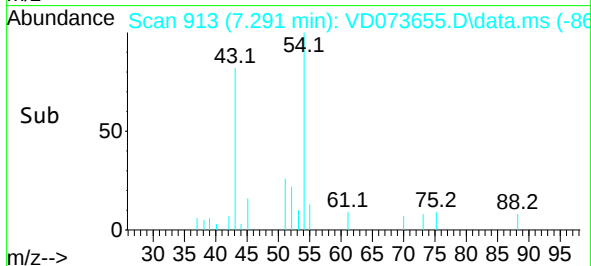


Tgt Ion: 43 Resp: 7829

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7
70	10.8	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: 5.524 ug/l

RT: 8.091 min Scan# 1049

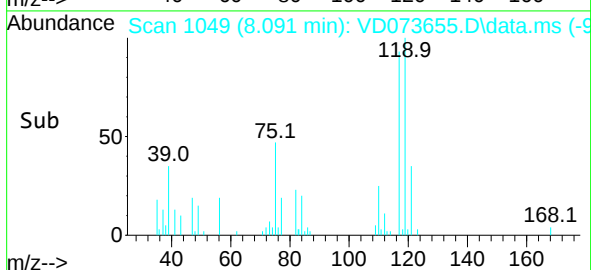
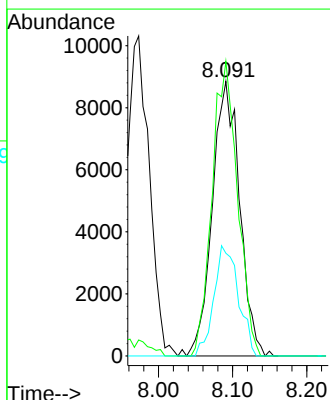
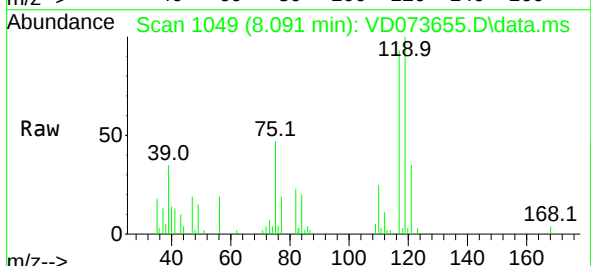
Delta R.T. 0.006 min

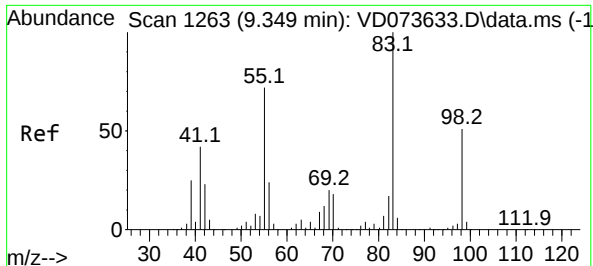
Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Tgt Ion:117 Resp: 22700

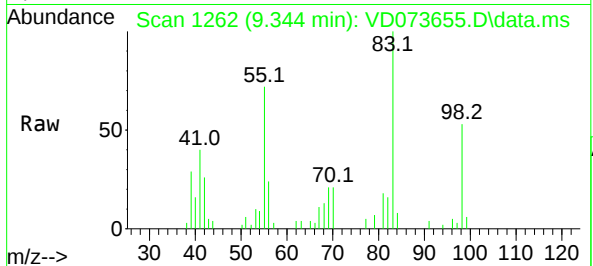
Ion	Ratio	Lower	Upper
117	100		
119	107.3	75.6	113.4
121	37.4	24.2	36.4





#39
Methylcyclohexane
Concen: 5.215 ug/l
RT: 9.344 min Scan# 1098
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

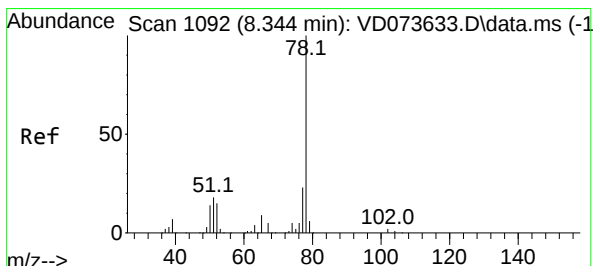
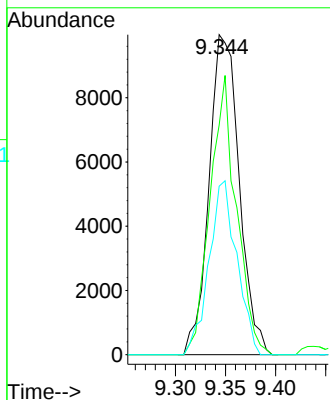
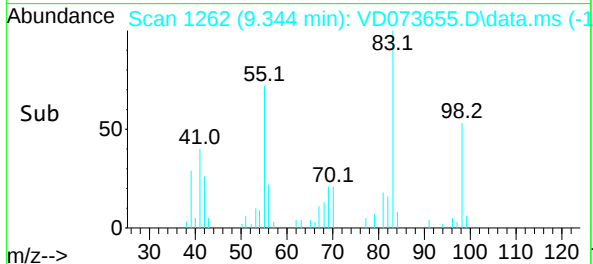
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 83 Resp: 20908
Ion Ratio Lower Upper
83 100
55 71.8 57.4 86.2
98 52.7 40.6 60.8

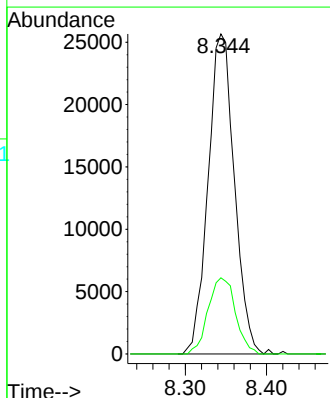
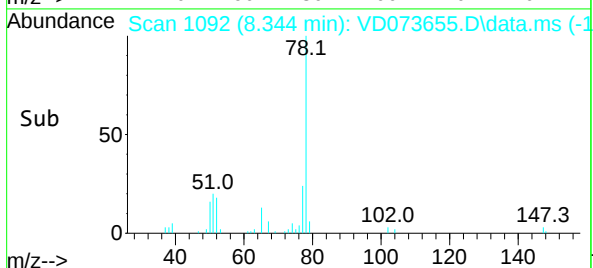
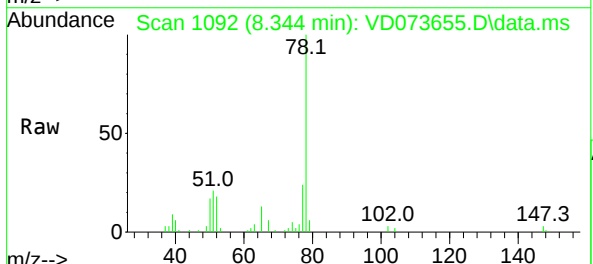
Manual Integrations
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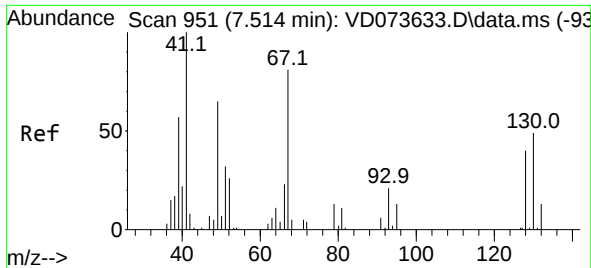
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#40
Benzene
Concen: 5.523 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

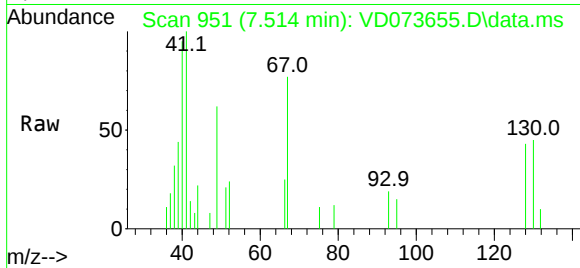
Tgt Ion: 78 Resp: 57801
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 5.128 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

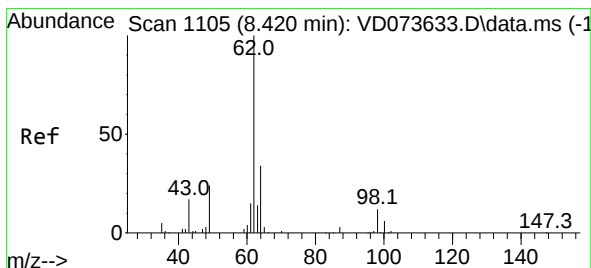
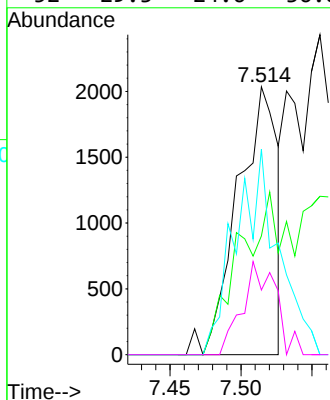
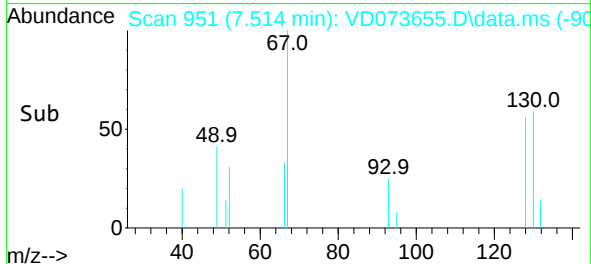
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



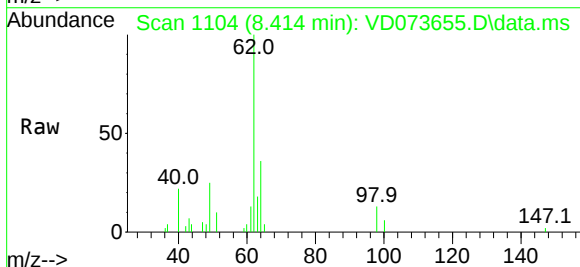
Tgt Ion: 41 Resp: 3952
Ion Ratio Lower Upper
41 100
39 73.6 43.0 64.6
67 82.0 60.8 91.2
52 29.3 24.6 36.8

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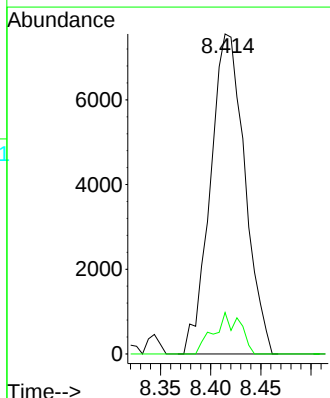
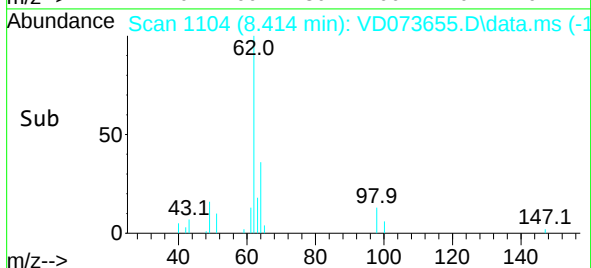
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

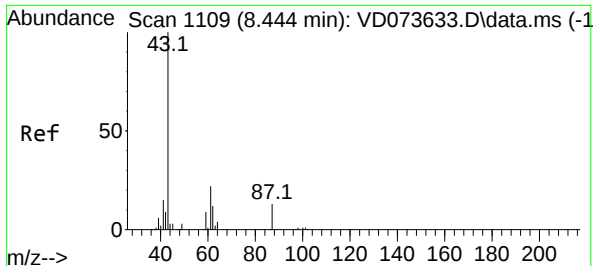


#42
1,2-Dichloroethane
Concen: 5.766 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24



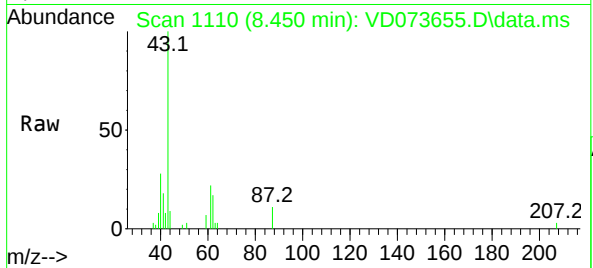
Tgt Ion: 62 Resp: 18027
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.6





#43
Isopropyl Acetate
Concen: 5.480 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

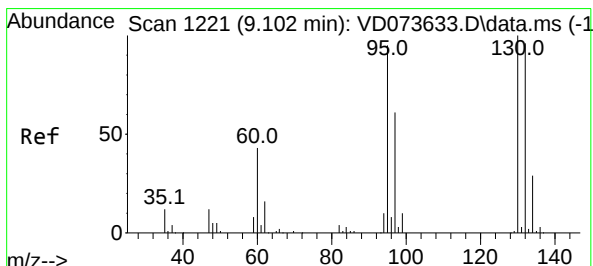
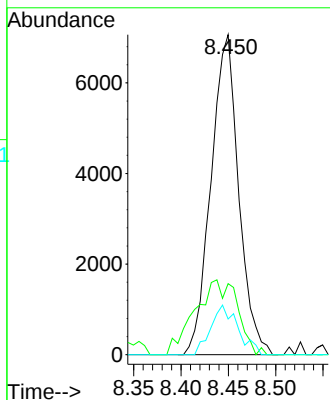
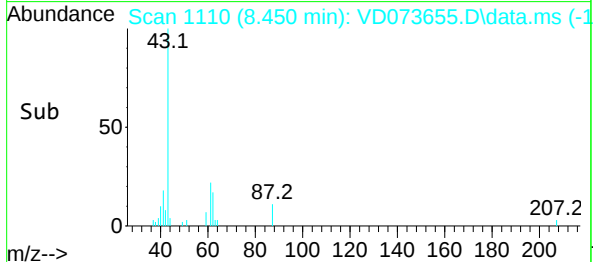
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022



Tgt Ion: 43 Resp: 1436
Ion Ratio Lower Upper
43 100
61 36.0 27.0 40.6
87 15.2 11.8 17.8

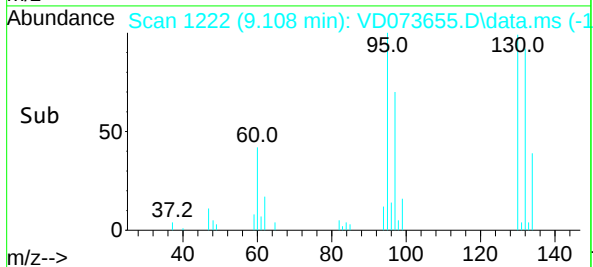
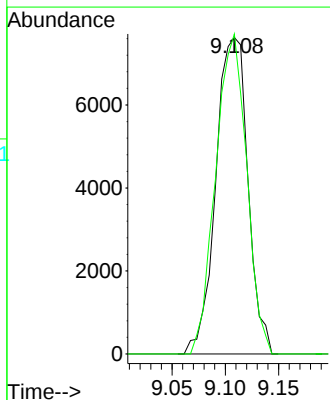
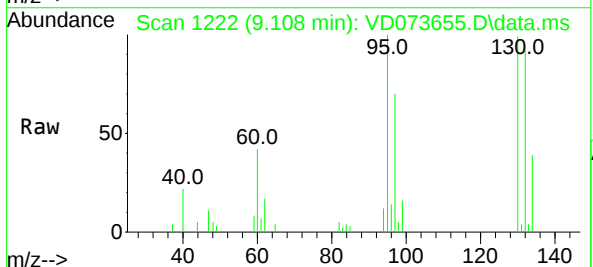
Manual Integrations
APPROVED

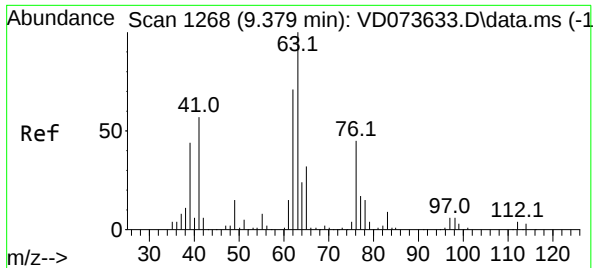
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#44
Trichloroethene
Concen: 5.359 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion:130 Resp: 15976
Ion Ratio Lower Upper
130 100
95 101.1 0.0 190.0





#45

1,2-Dichloropropane

Concen: 5.240 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 63 Resp: 1378

Ion Ratio Lower Upper

63 100

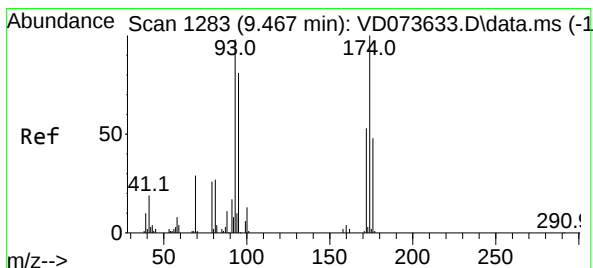
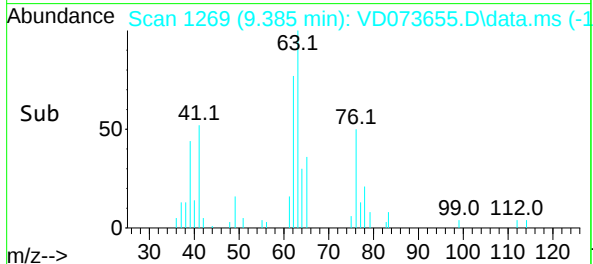
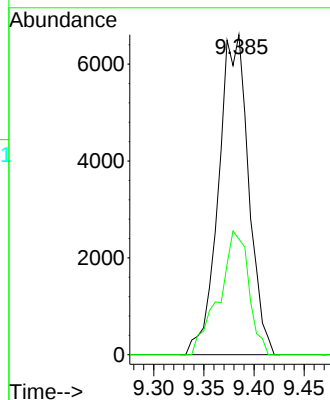
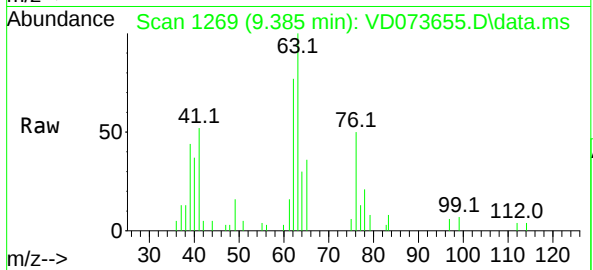
65 36.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#46

Dibromomethane

Concen: 6.016 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

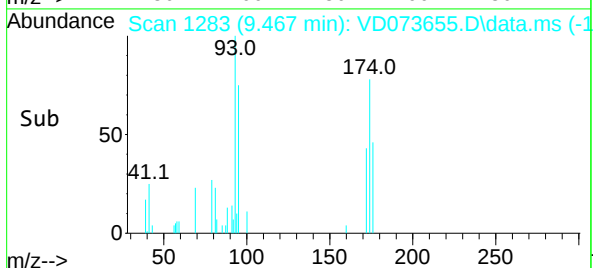
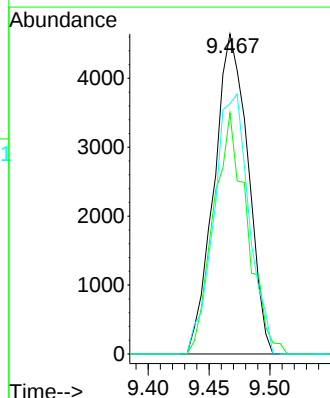
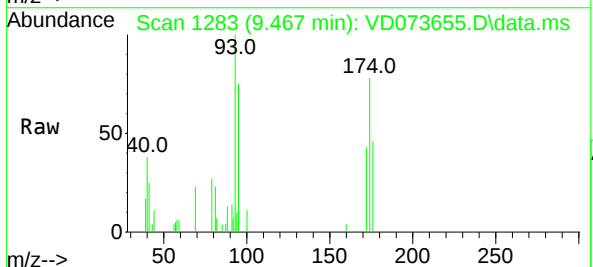
Tgt Ion: 93 Resp: 8985

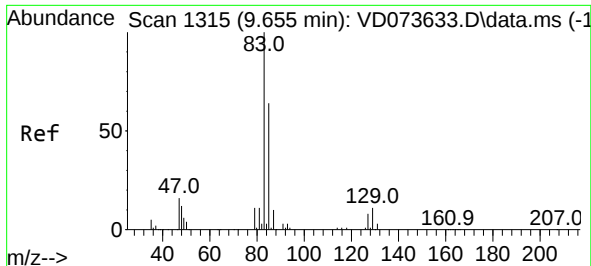
Ion Ratio Lower Upper

93 100

95 74.5 66.3 99.5

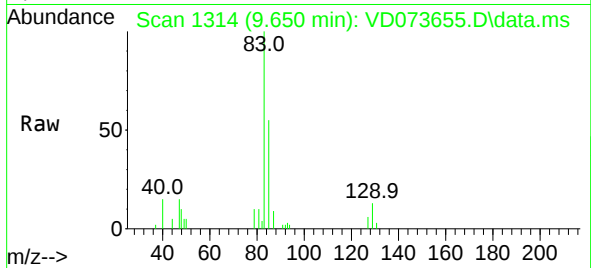
174 84.2 81.1 121.7





#47
Bromodichloromethane
Concen: 5.642 ug/l
RT: 9.650 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

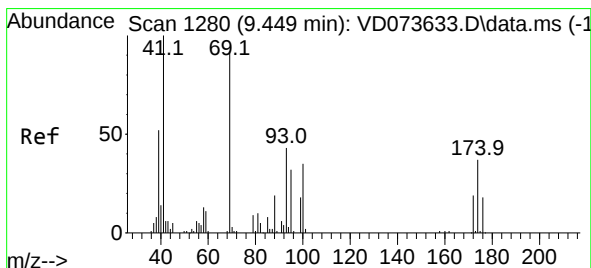
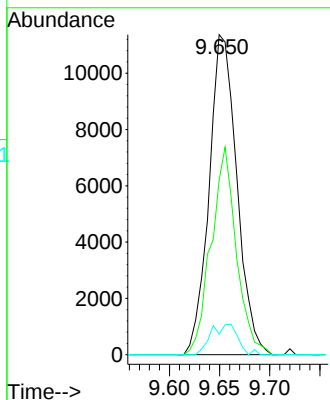
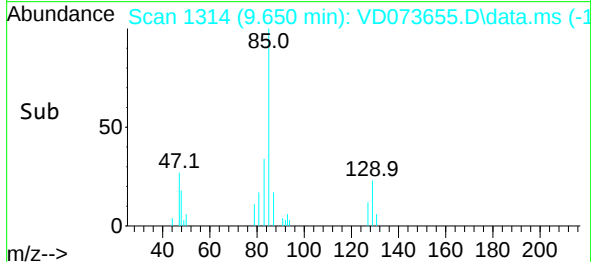
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 83 Resp: 21928
Ion Ratio Lower Upper
83 100
85 54.6 51.4 77.2
127 6.5 6.4 9.6

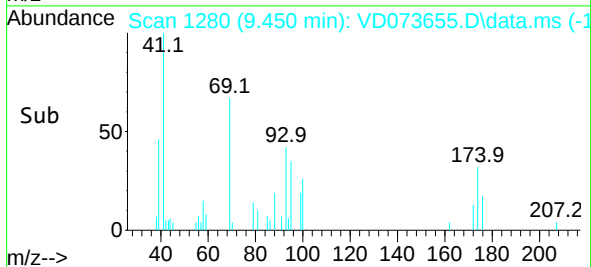
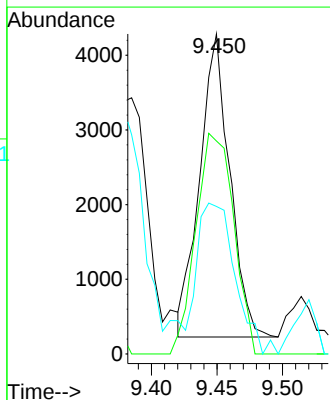
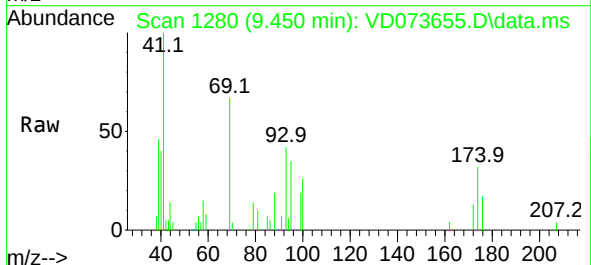
Manual Integrations
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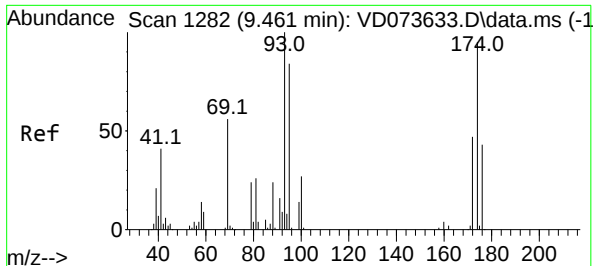
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#48
Methyl methacrylate
Concen: 4.883 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 41 Resp: 6478
Ion Ratio Lower Upper
41 100
69 91.5 67.6 101.4
39 64.6 45.4 68.0





#49

1,4-Dioxane

Concen: 88.395 ug/l

RT: 9.450 min Scan# 1282

Delta R.T. -0.012 min

Lab File: VD073655.D

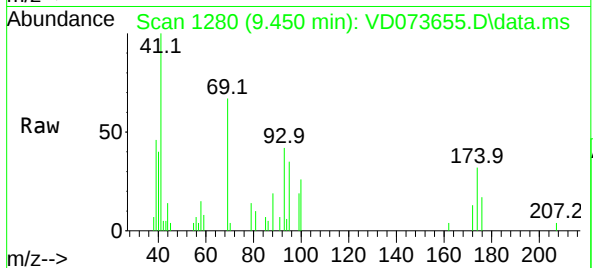
Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

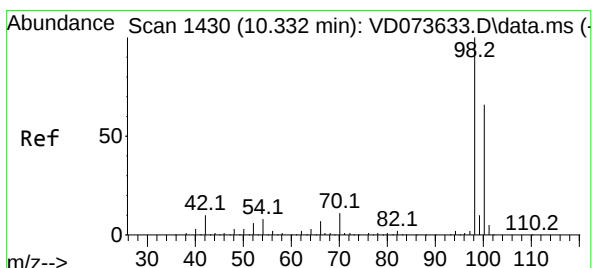
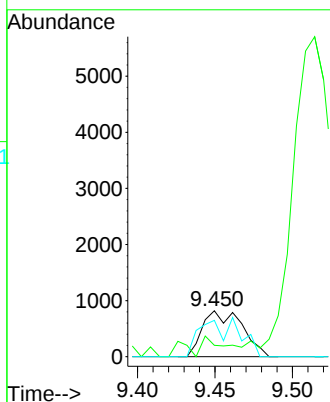
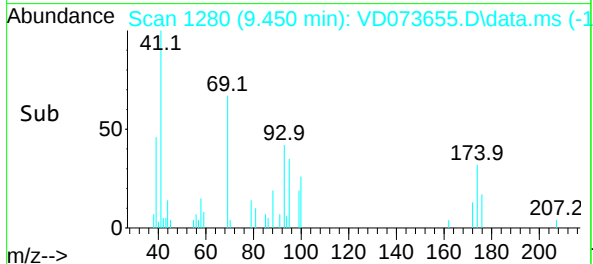
LOQ-SOIL-02-QT2-2022



Tgt Ion: 88	Resp: 146
Ion Ratio	Lower Upper
88	100
43	0.0 29.8 44.8
58	47.6 56.9 85.3

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



#50

Toluene-d8

Concen: 5.689 ug/l

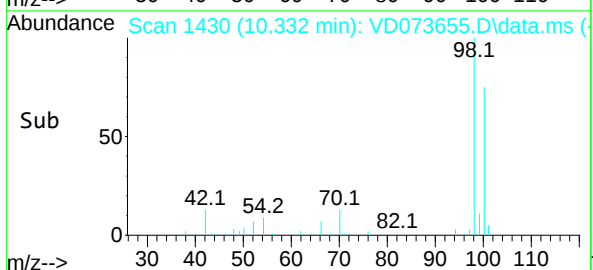
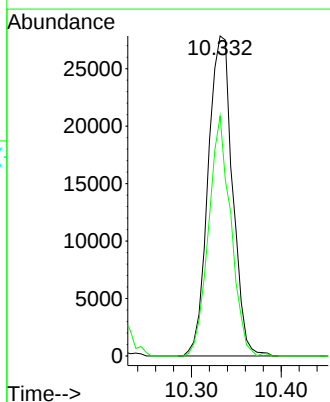
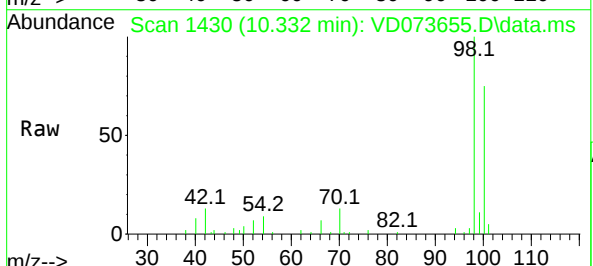
RT: 10.332 min Scan# 1430

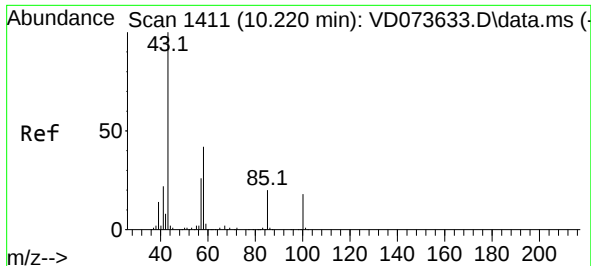
Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

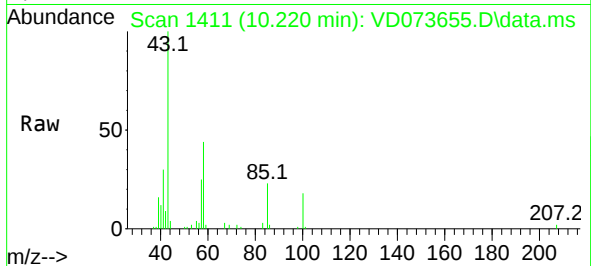
Tgt Ion: 98	Resp: 52597
Ion Ratio	Lower Upper
98	100
100	68.2 51.4 77.2





#51
4-Methyl-2-Pentanone
Concen: 26.760 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

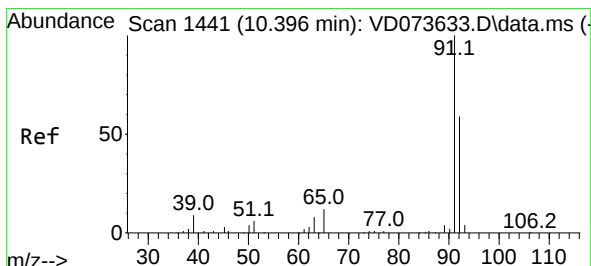
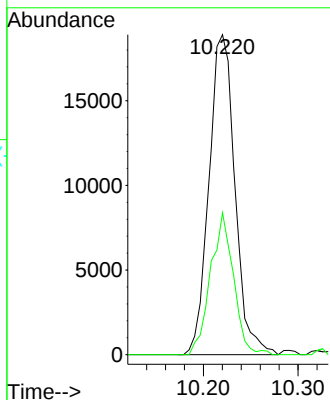
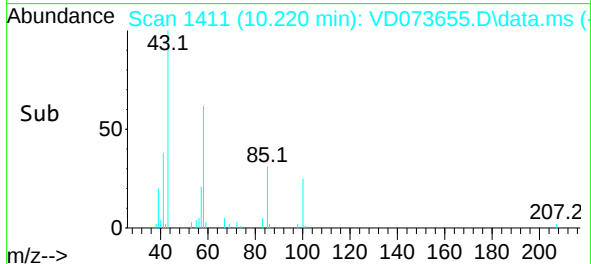
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



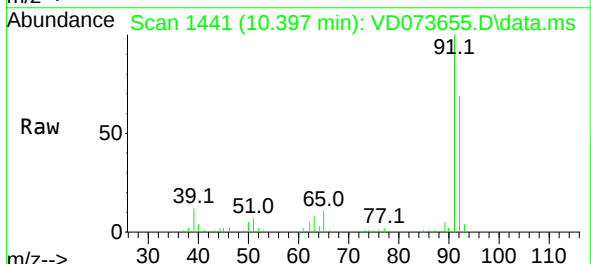
Tgt Ion: 43 Resp: 36000
Ion Ratio Lower Upper
43 100
58 39.4 32.4 48.6

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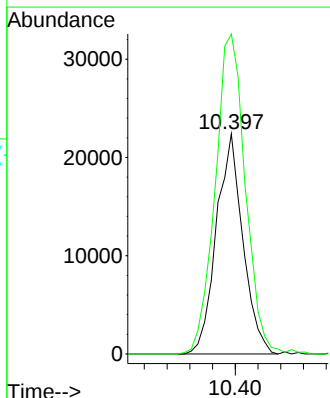
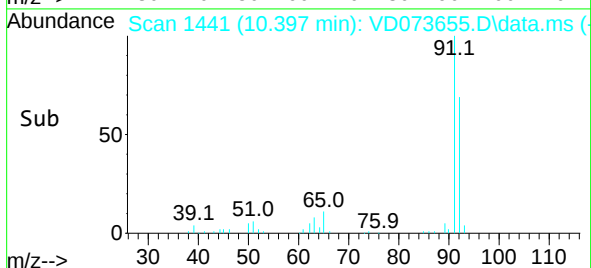
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

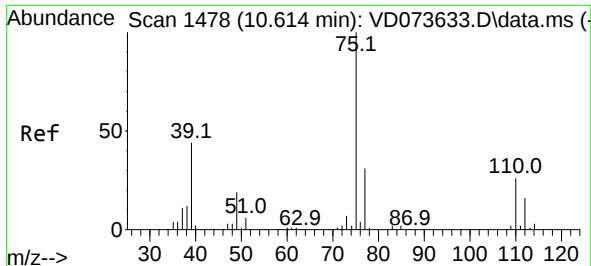


#52
Toluene
Concen: 5.310 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24



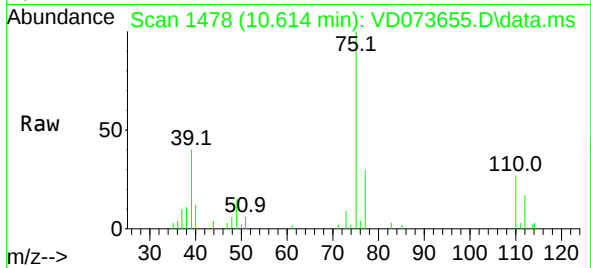
Tgt Ion: 92 Resp: 36325
Ion Ratio Lower Upper
92 100
91 165.6 136.1 204.1





#53
t-1,3-Dichloropropene
Concen: 5.360 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

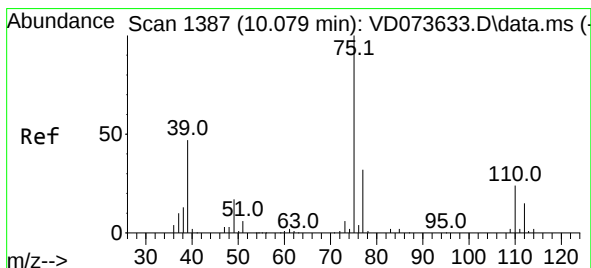
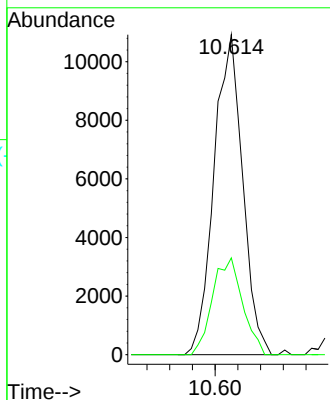
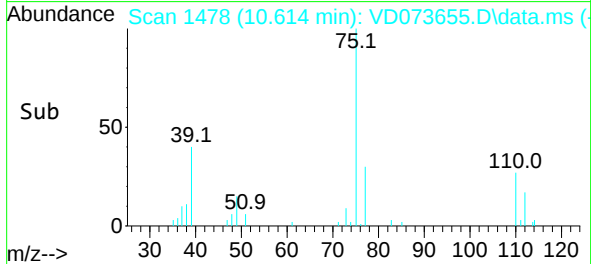
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



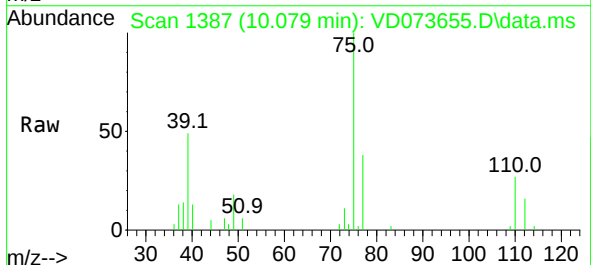
Tgt Ion: 75 Resp: 1907
Ion Ratio Lower Upper
75 100
77 30.2 24.6 36.8

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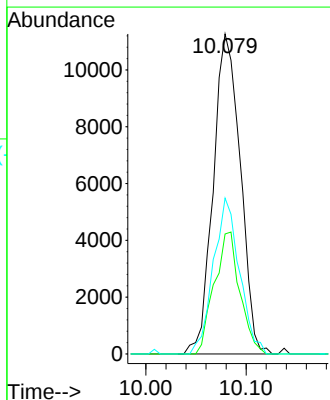
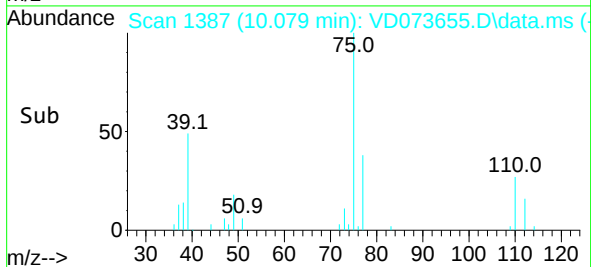
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

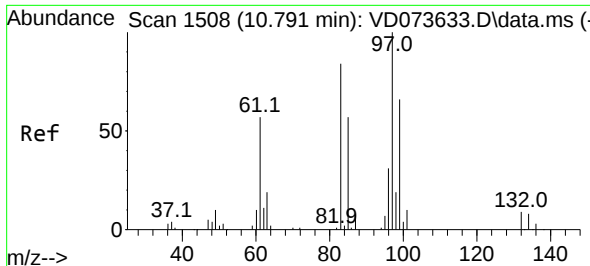


#54
cis-1,3-Dichloropropene
Concen: 5.062 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24



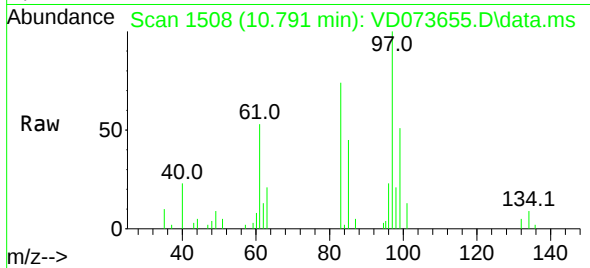
Tgt Ion: 75 Resp: 21066
Ion Ratio Lower Upper
75 100
77 37.5 25.8 38.8
39 48.7 37.9 56.9





#55
1,1,2-Trichloroethane
Concen: 5.991 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

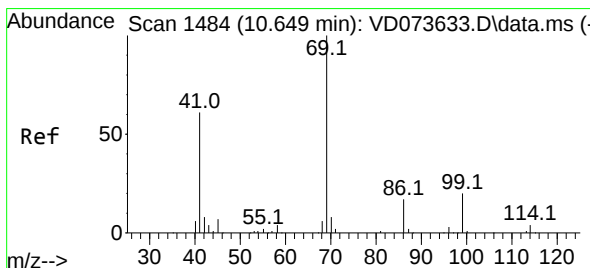
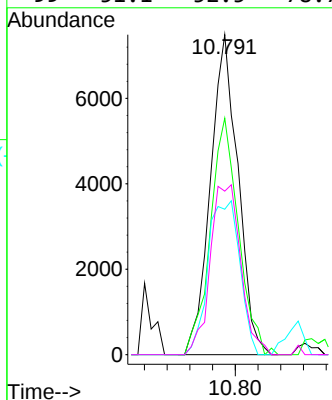
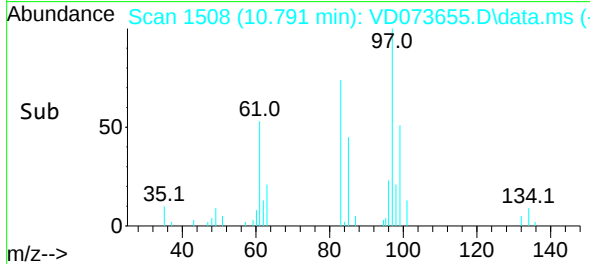
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion:	97	Resp:	1263
Ion Ratio	Lower	Upper	
97	100		
83	73.9	66.8	100.2
85	45.5	45.2	67.8
99	51.1	52.5	78.7

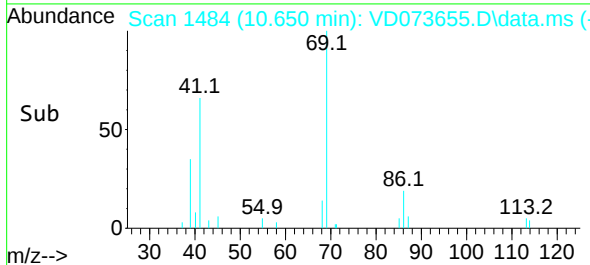
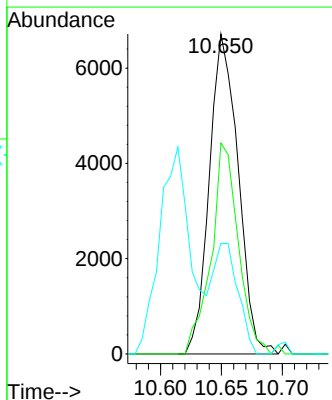
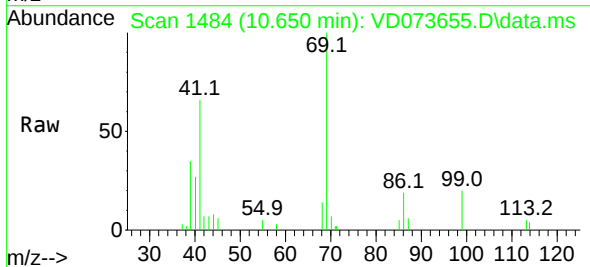
Manual Integrations
APPROVED

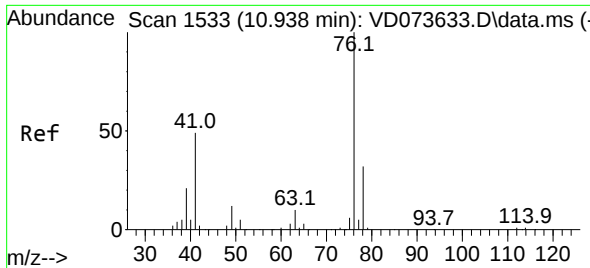
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#56
Ethyl methacrylate
Concen: 4.740 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

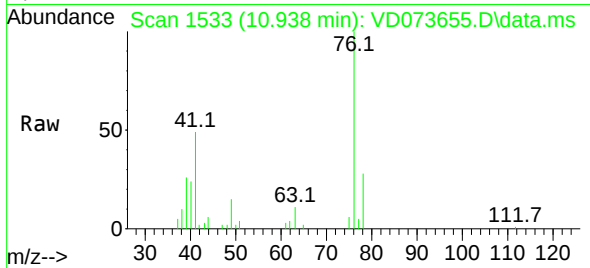
Tgt Ion:	69	Resp:	11031
Ion Ratio	Lower	Upper	
69	100		
41	62.8	50.8	76.2
39	29.6	26.2	39.4





#57
1,3-Dichloropropane
Concen: 5.593 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

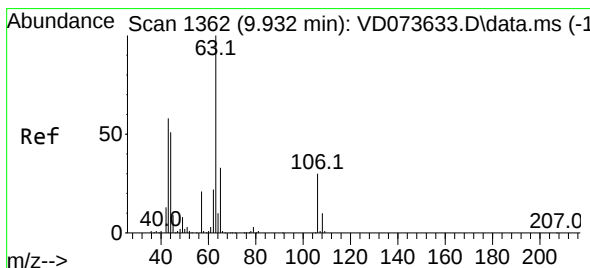
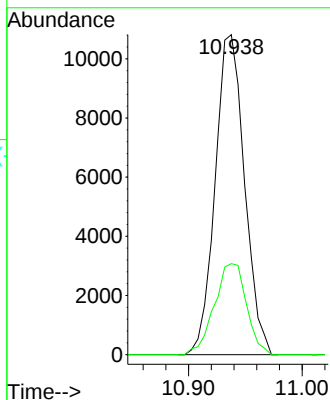
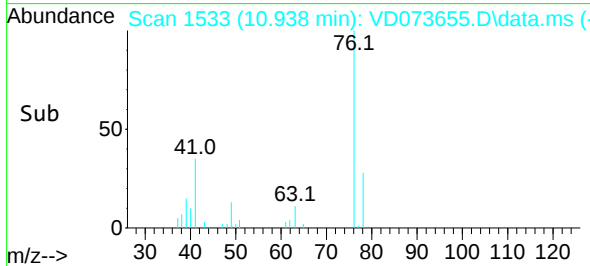
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022



Tgt Ion: 76 Resp: 19429
Ion Ratio Lower Upper
76 100
78 31.1 25.7 38.5

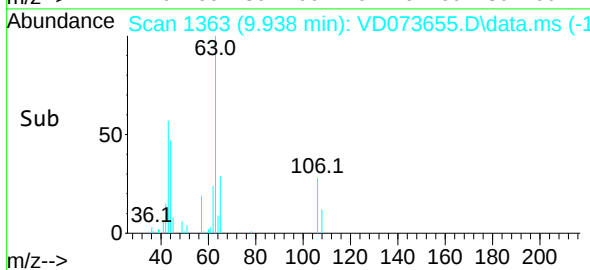
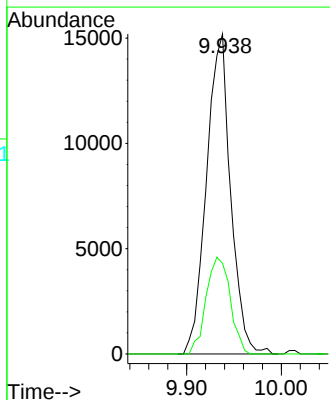
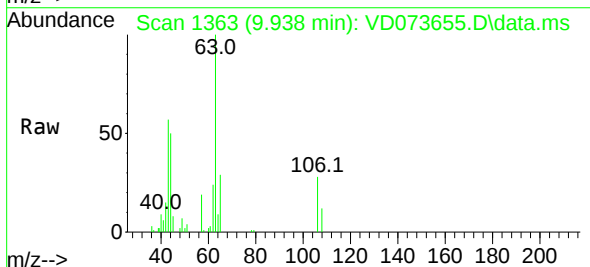
Manual Integrations
APPROVED

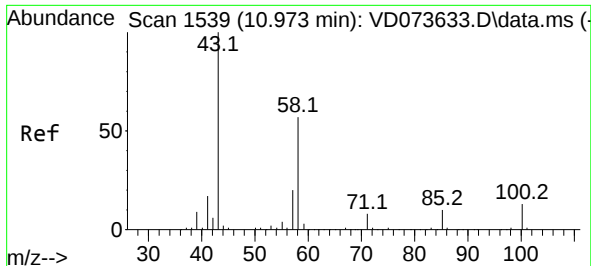
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#58
2-Chloroethyl Vinyl ether
Concen: 28.644 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

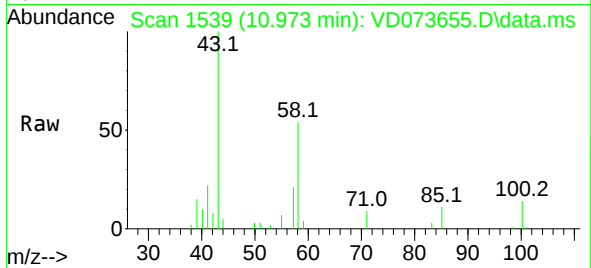
Tgt Ion: 63 Resp: 26810
Ion Ratio Lower Upper
63 100
106 30.2 23.7 35.5





#59
2-Hexanone
Concen: 24.009 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

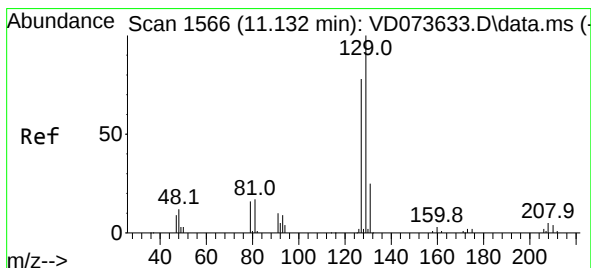
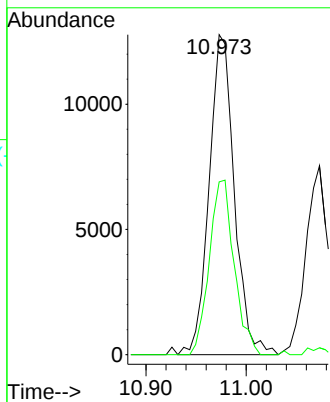
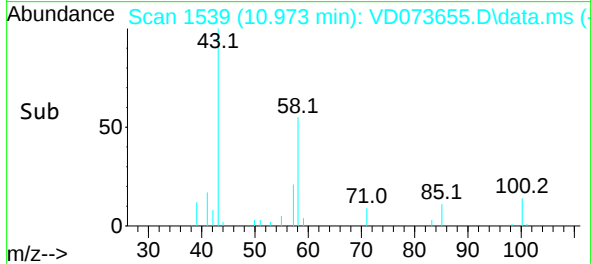
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 43 Resp: 22278
Ion Ratio Lower Upper
43 100
58 53.8 28.1 84.2

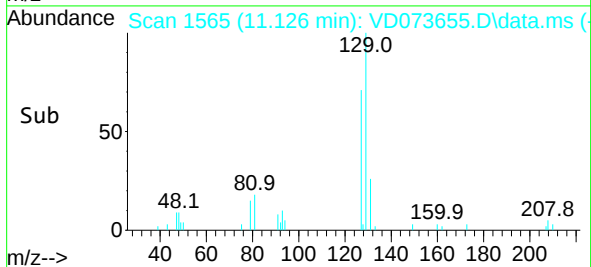
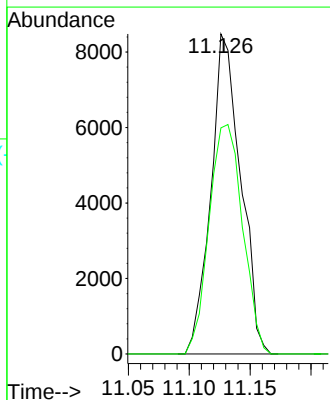
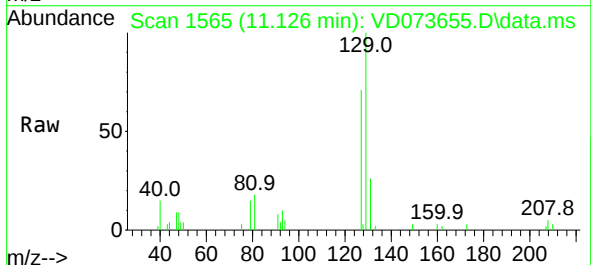
Manual Integrations
APPROVED

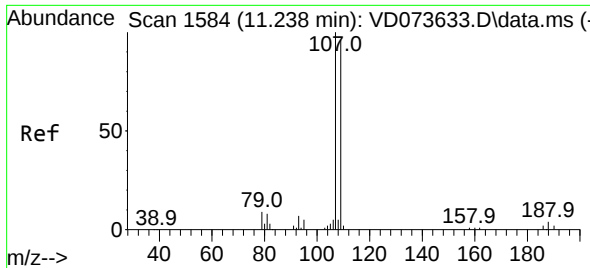
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#60
Dibromochloromethane
Concen: 5.260 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

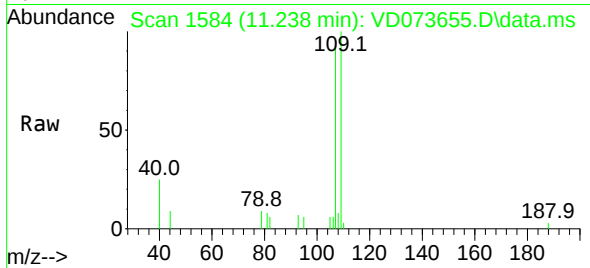
Tgt Ion:129 Resp: 14462
Ion Ratio Lower Upper
129 100
127 80.5 39.4 118.2





#61
1,2-Dibromoethane
Concen: 5.285 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

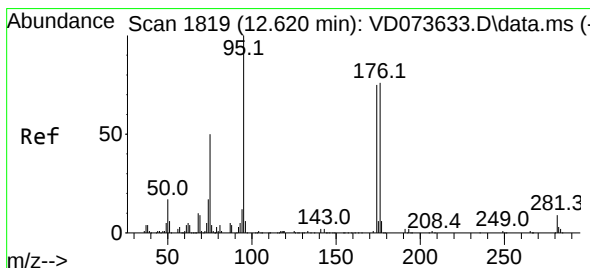
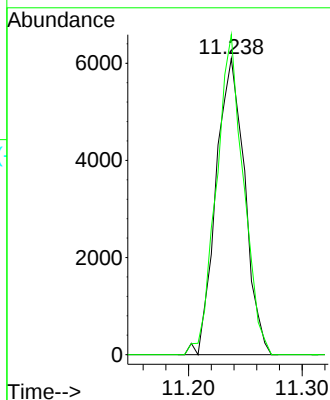
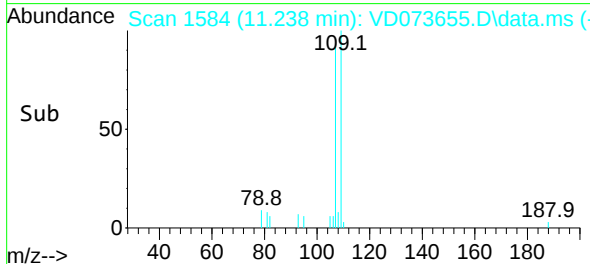
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



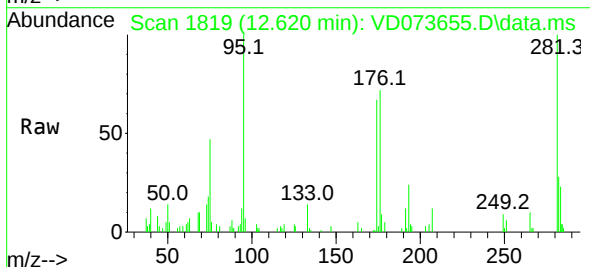
Tgt Ion:107 Resp: 10679
Ion Ratio Lower Upper
107 100
109 102.3 76.1 114.1

Manual Integrations
APPROVED

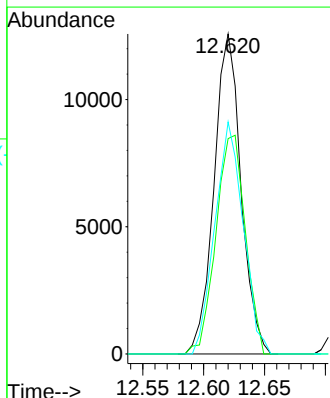
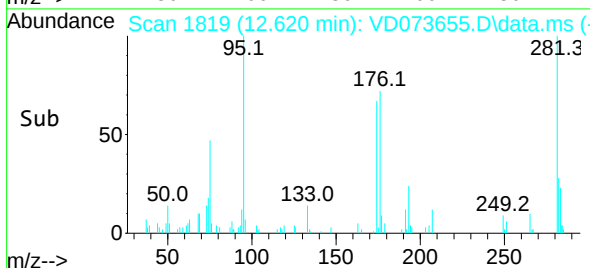
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

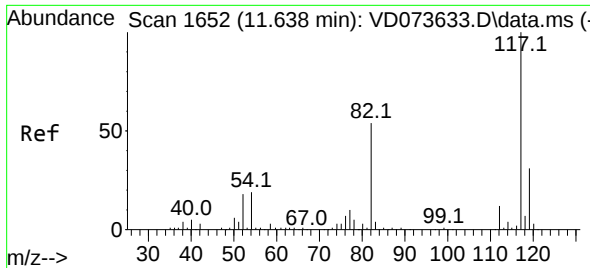


#62
4-Bromofluorobenzene
Concen: 5.715 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24



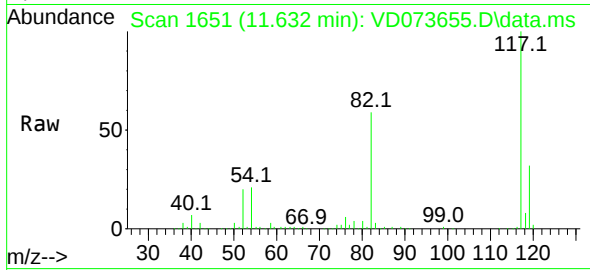
Tgt Ion: 95 Resp: 19377
Ion Ratio Lower Upper
95 100
174 74.5 0.0 156.4
176 76.3 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11651
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

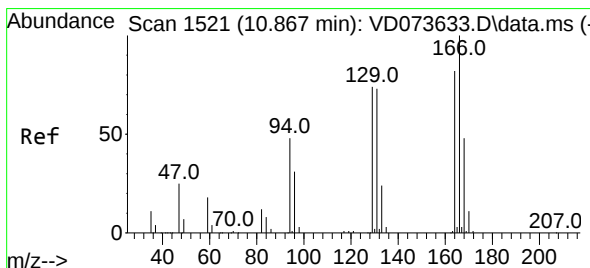
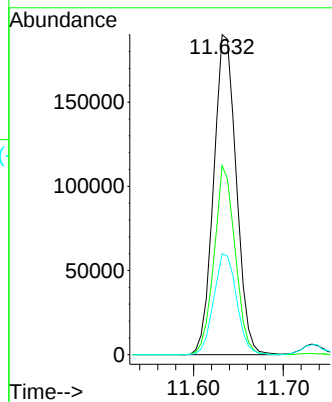
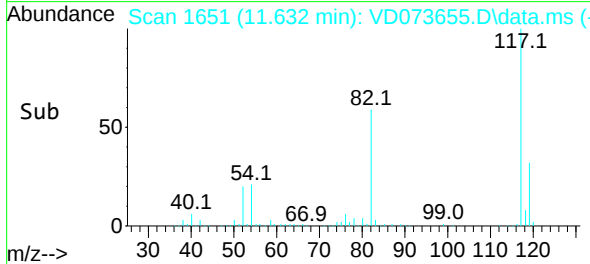
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion:117 Resp: 333370
Ion Ratio Lower Upper
117 100
82 59.1 43.0 64.4
119 31.6 24.5 36.7

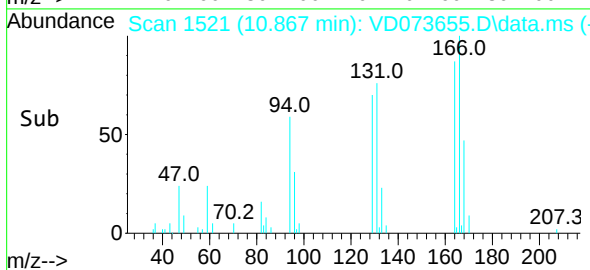
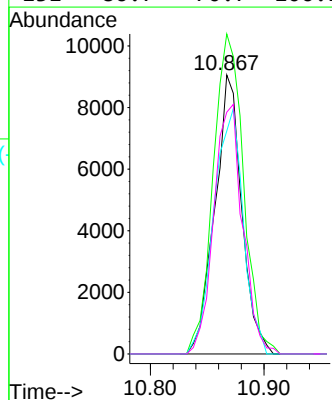
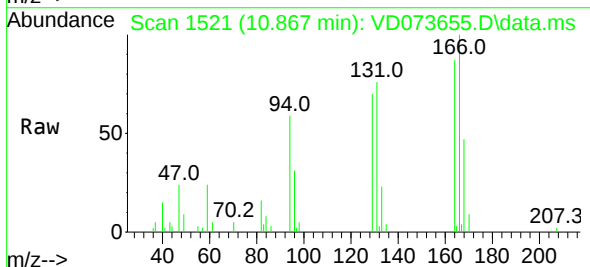
Manual Integrations
APPROVED

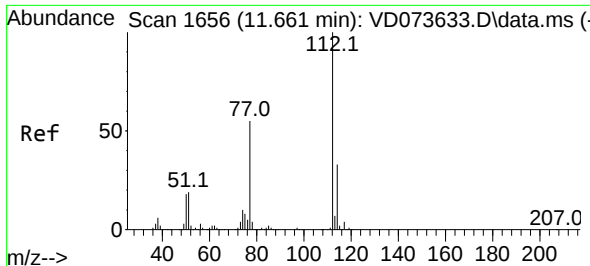
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#64
Tetrachloroethene
Concen: 6.039 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

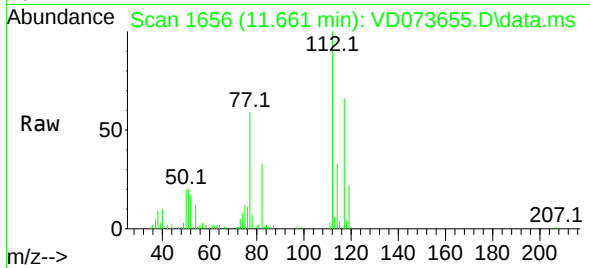
Tgt Ion:164 Resp: 14903
Ion Ratio Lower Upper
164 100
166 114.7 97.1 145.7
129 79.9 72.1 108.1
131 86.7 70.7 106.1





#65
Chlorobenzene
Concen: 5.587 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

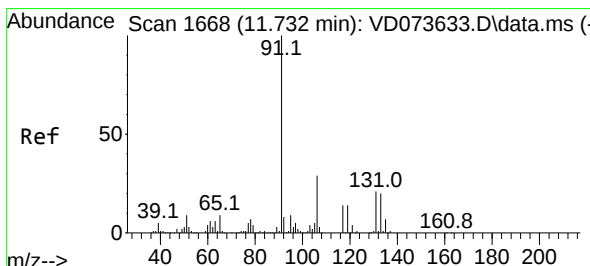
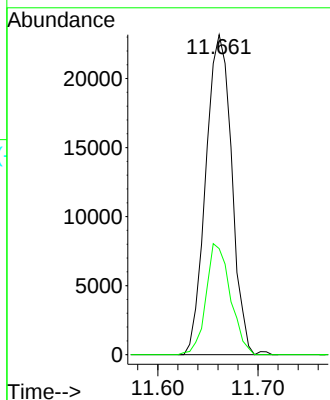
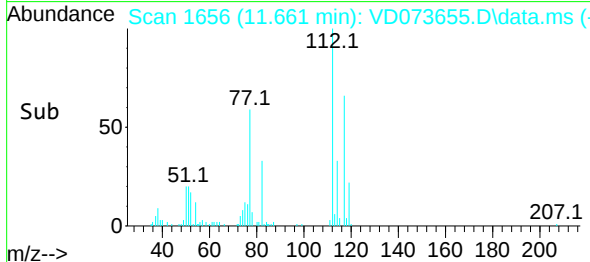
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



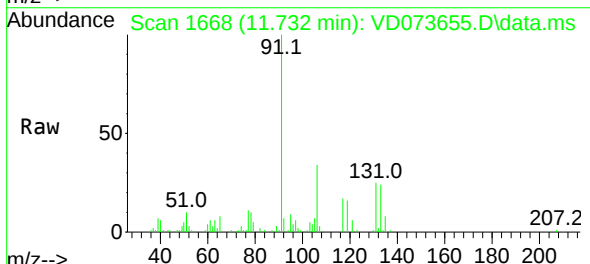
Tgt Ion:112 Resp: 4159
Ion Ratio Lower Upper
112 100
114 33.1 26.6 39.8

Manual Integrations
APPROVED

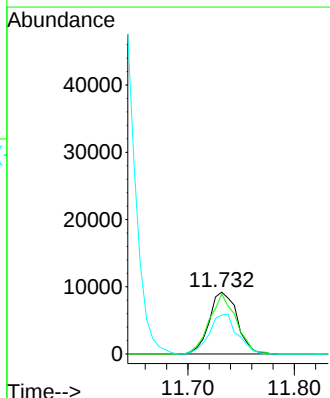
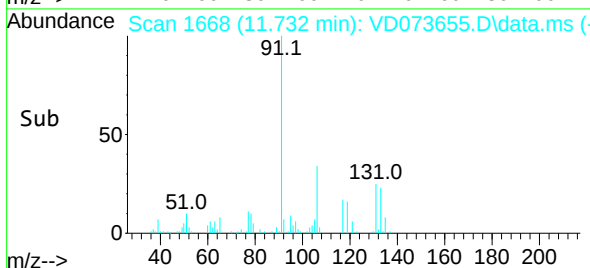
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

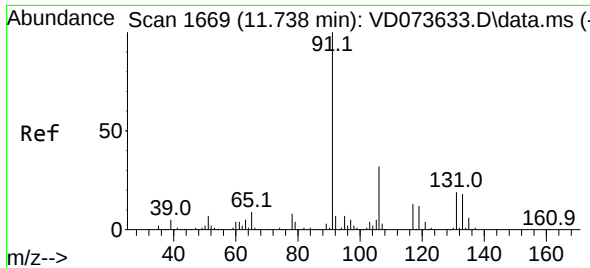


#66
1,1,1,2-Tetrachloroethane
Concen: 5.774 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24



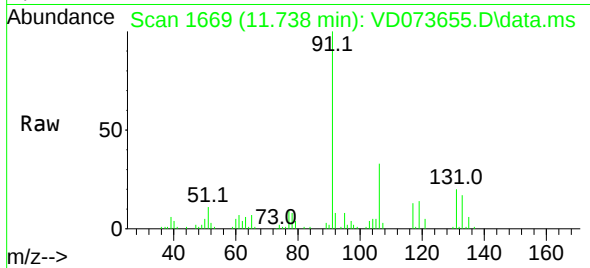
Tgt Ion:131 Resp: 16657
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 64.5 32.6 97.7





#67
Ethyl Benzene
Concen: 5.316 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

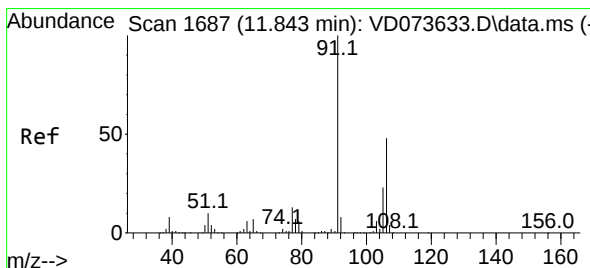
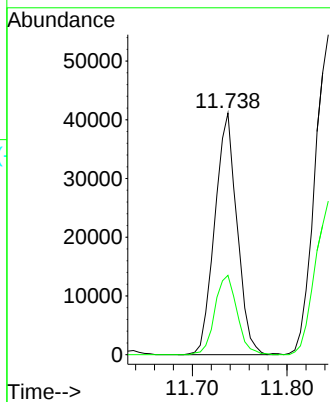
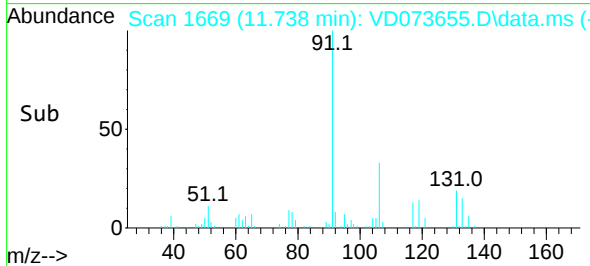
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion: 91 Resp: 67278
Ion Ratio Lower Upper
91 100
106 32.9 25.8 38.6

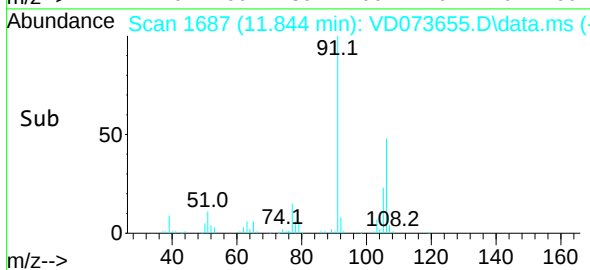
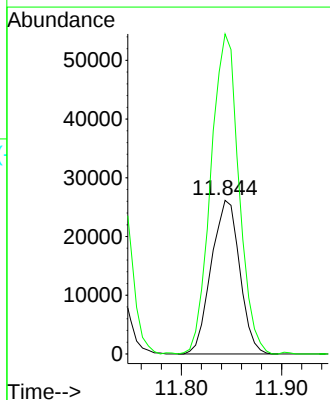
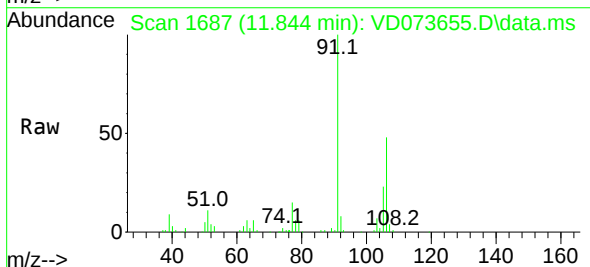
Manual Integrations
APPROVED

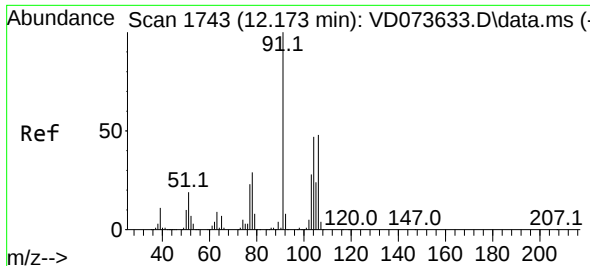
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#68
m/p-Xylenes
Concen: 10.294 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

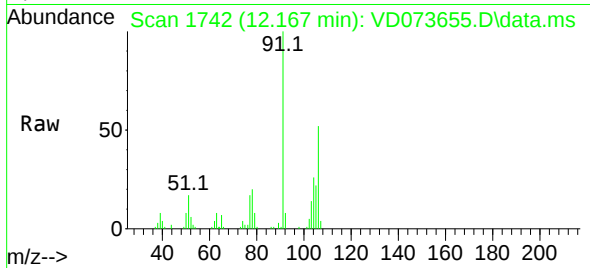
Tgt Ion:106 Resp: 51305
Ion Ratio Lower Upper
106 100
91 205.5 162.7 244.1





#69
o-Xylene
Concen: 5.262 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

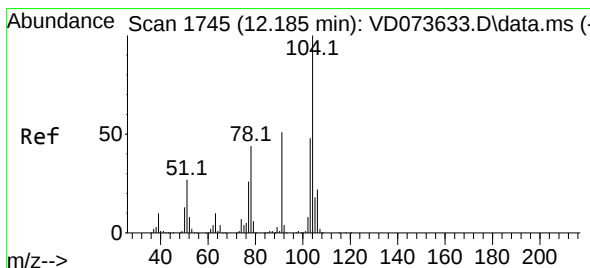
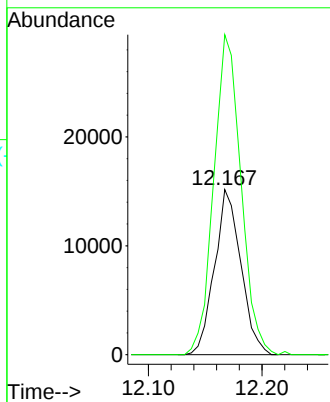
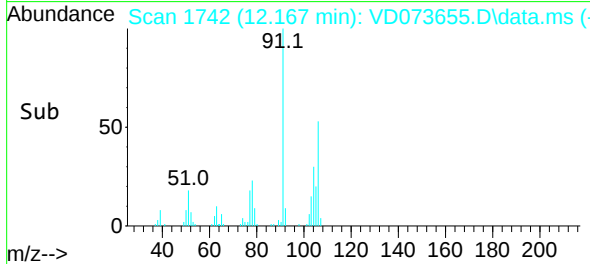
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion:106 Resp: 2444
Ion Ratio Lower Upper
106 100
91 200.2 107.1 321.3

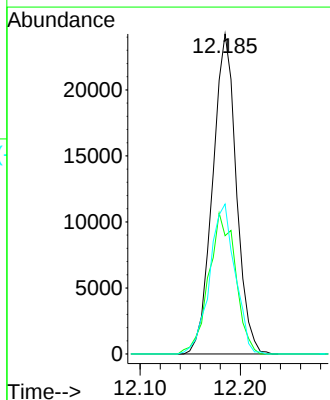
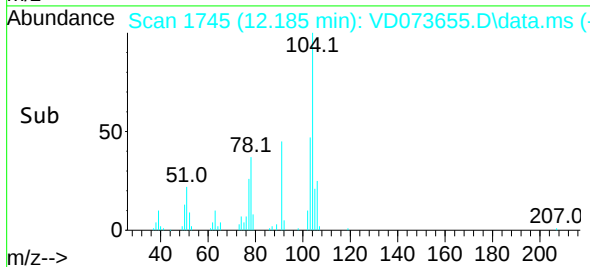
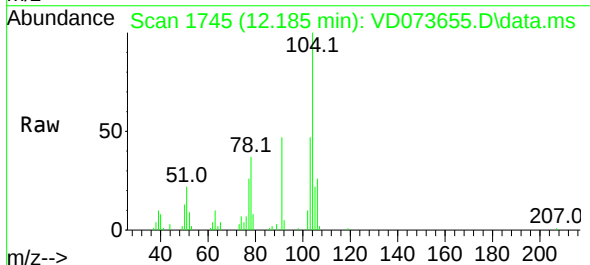
Manual Integrations
APPROVED

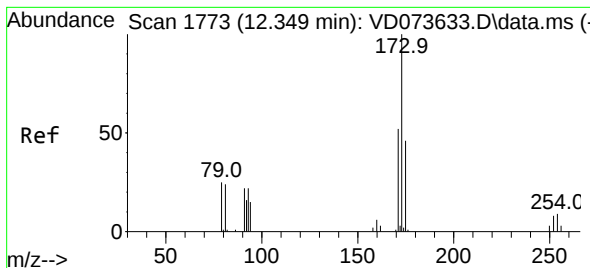
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#70
Styrene
Concen: 4.990 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion:104 Resp: 39753
Ion Ratio Lower Upper
104 100
78 49.5 40.1 60.1
103 50.5 42.8 64.2





#71

Bromoform

Concen: 5.703 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073655.D

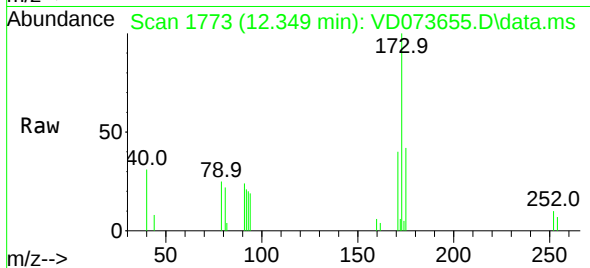
Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022



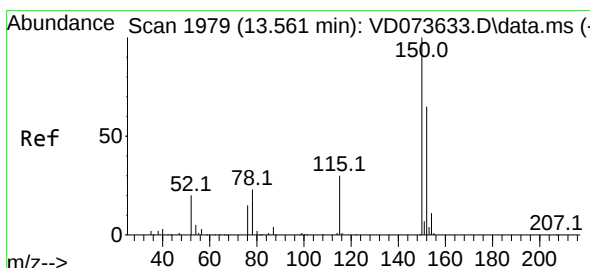
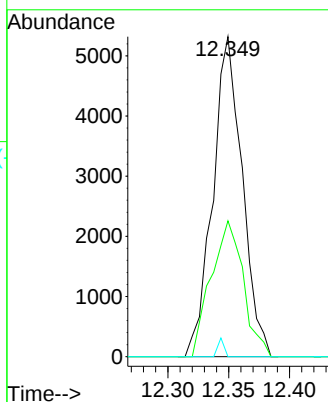
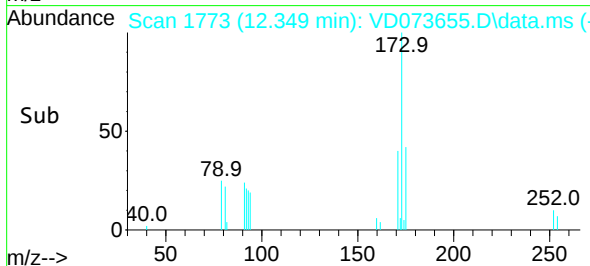
Tgt Ion:	173	Resp:	895
Ion Ratio	Lower	Upper	
173	100		
175	46.4	24.2	72.6
254	1.2	0.0	0.0

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

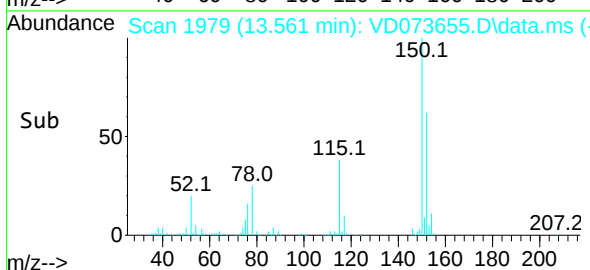
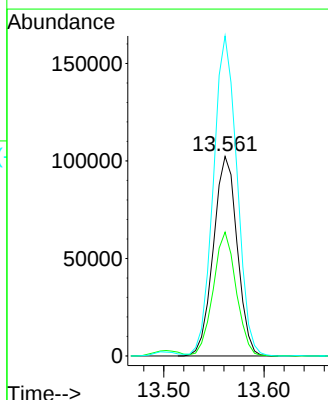
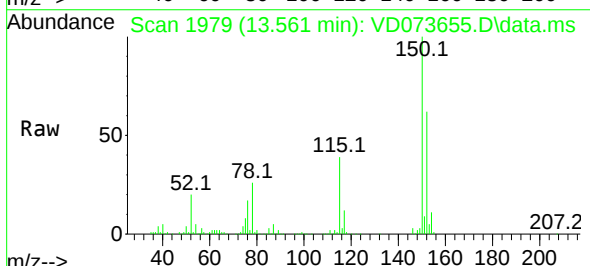
RT: 13.561 min Scan# 1979

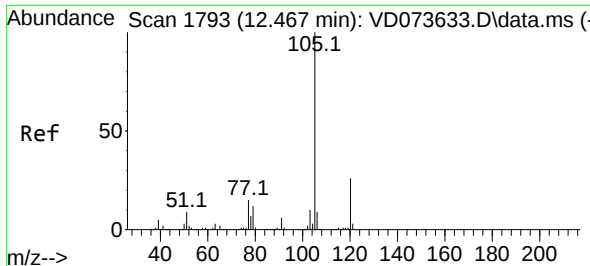
Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

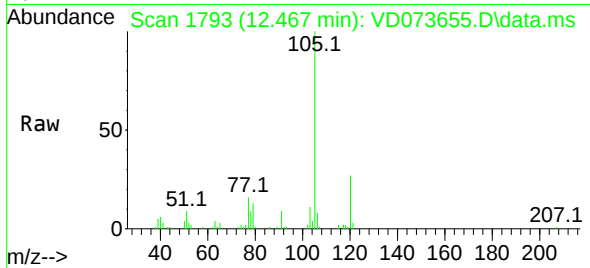
Tgt Ion:	152	Resp:	168694
Ion Ratio	Lower	Upper	
152	100		
115	59.9	29.6	88.9
150	159.6	0.0	351.2





#73
Isopropylbenzene
Concen: 5.128 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

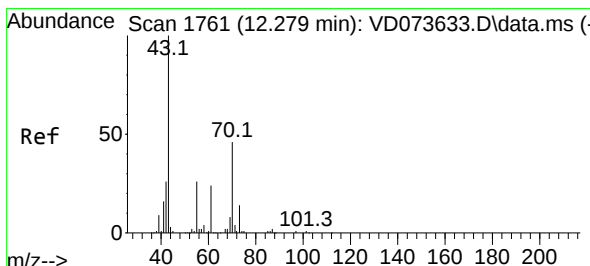
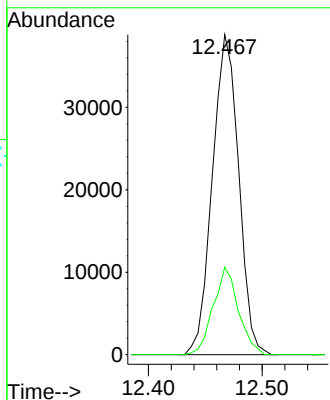
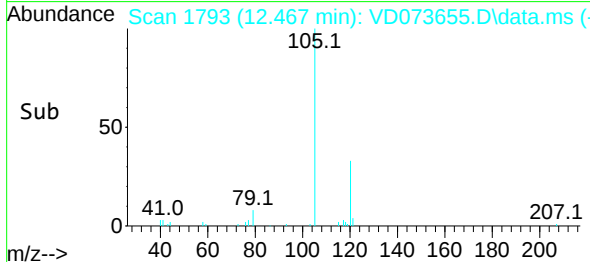
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022



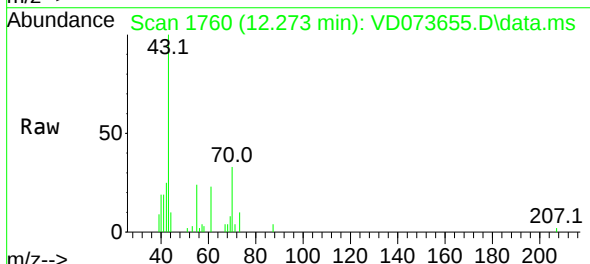
Tgt Ion:105 Resp: 6242
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

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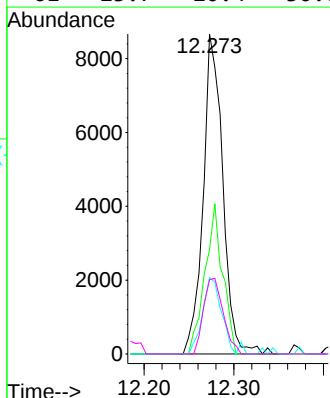
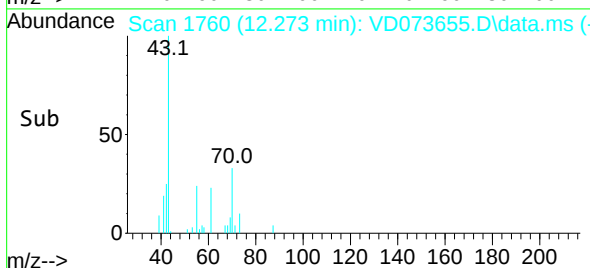
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

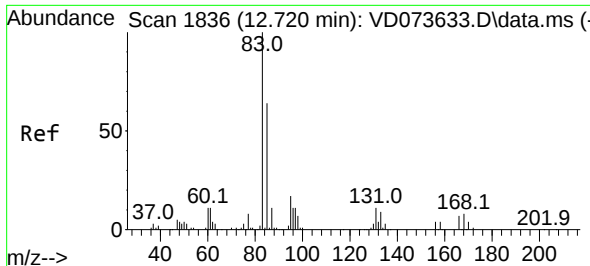


#74
N-ethyl acetate
Concen: 5.352 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24



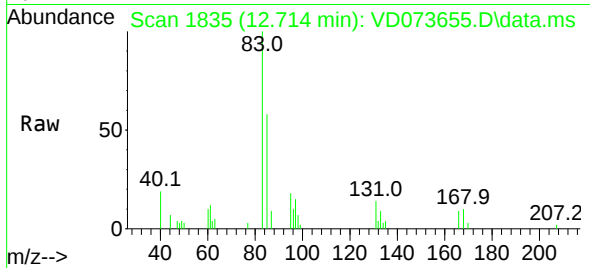
Tgt Ion: 43 Resp: 13167
Ion Ratio Lower Upper
43 100
70 42.4 35.8 53.8
55 22.9 21.1 31.7
61 23.7 20.4 30.6





#75
1,1,2,2-Tetrachloroethane
Concen: 5.717 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

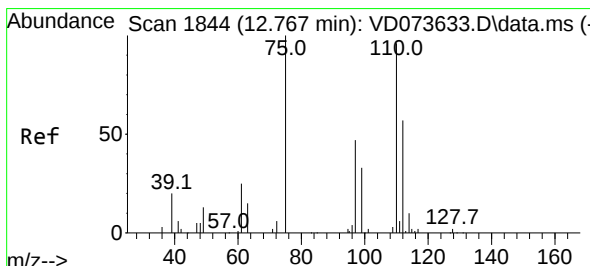
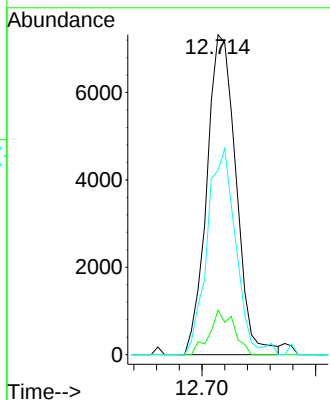
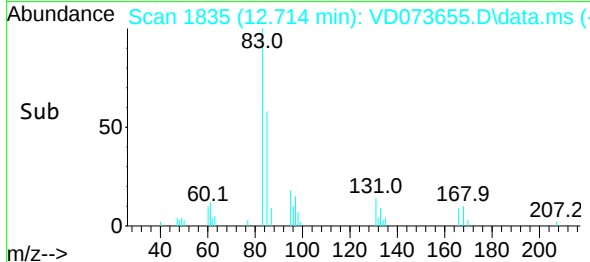
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022



Tgt Ion: 83 Resp: 1308
Ion Ratio Lower Upper
83 100
131 11.5 5.5 16.7
85 63.2 31.6 95.0

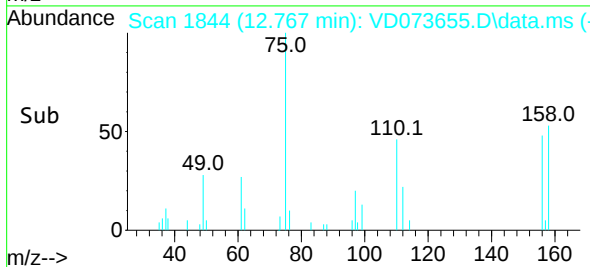
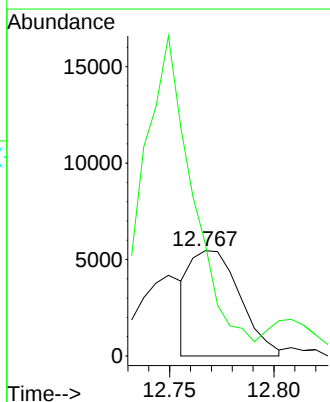
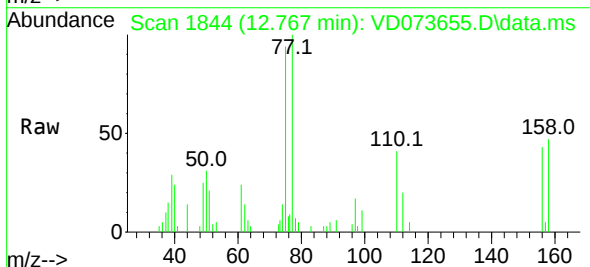
Manual Integrations
APPROVED

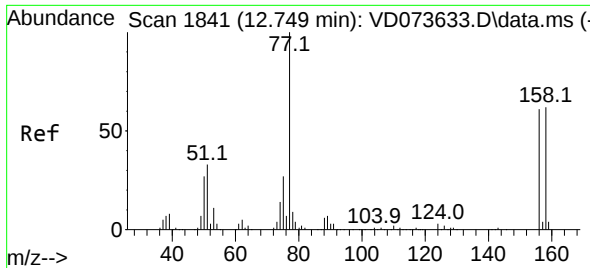
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#76
1,2,3-Trichloropropane
Concen: 5.560 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

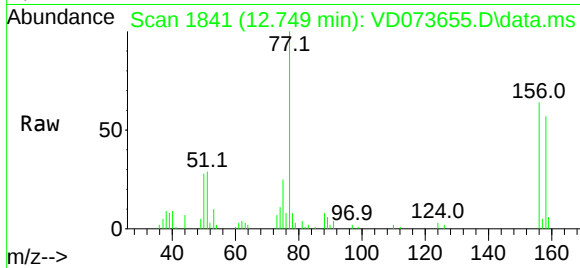
Tgt Ion: 75 Resp: 9077
Ion Ratio Lower Upper
75 100
77 78.4 208.9 626.7#





#77
Bromobenzene
Concen: 5.619 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

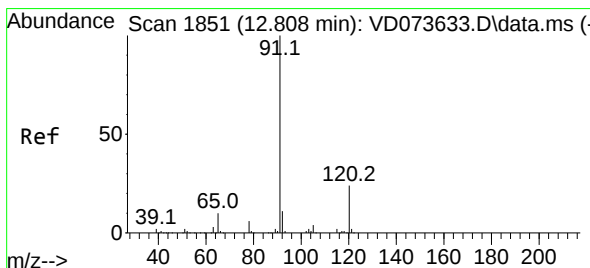
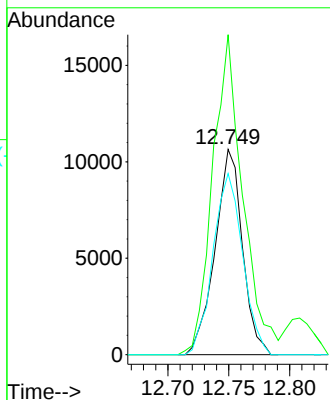
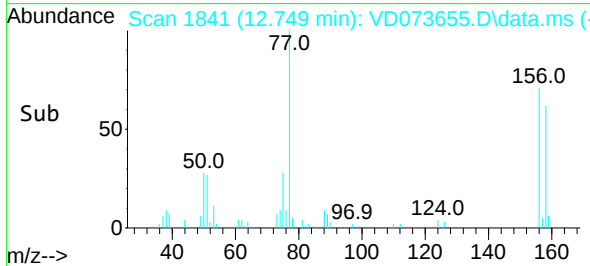
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



Tgt Ion:156 Resp: 1664
Ion Ratio Lower Upper
156 100
77 171.5 91.5 274.4
158 95.7 48.8 146.3

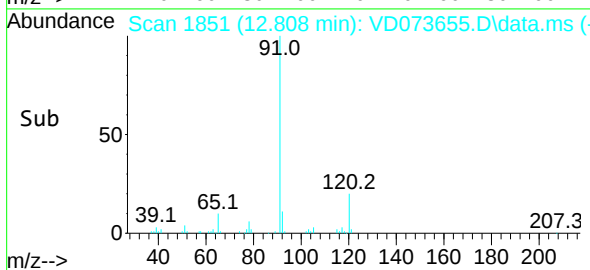
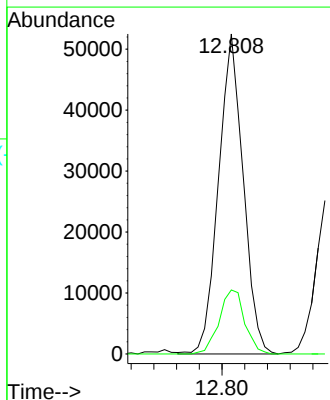
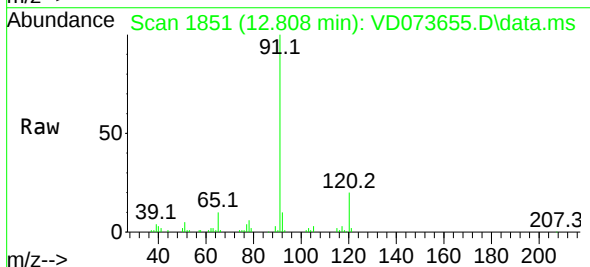
Manual Integrations
APPROVED

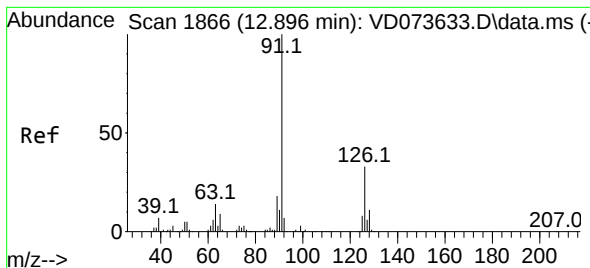
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#78
n-propylbenzene
Concen: 5.308 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Tgt Ion: 91 Resp: 79136
Ion Ratio Lower Upper
91 100
120 20.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.256 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 91 Resp: 4596

Ion Ratio Lower Upper

91 100

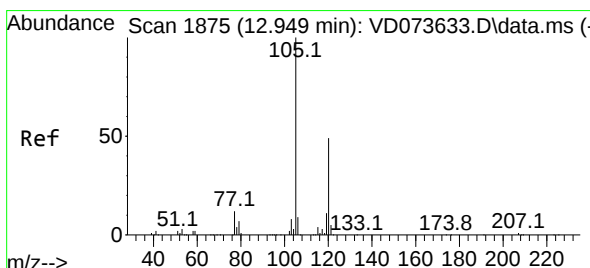
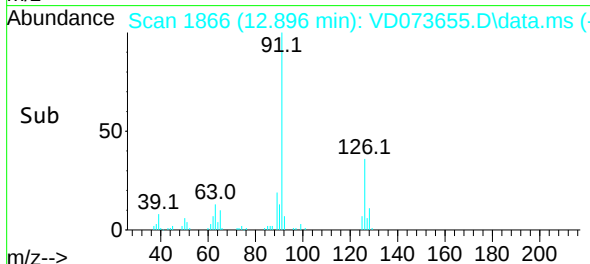
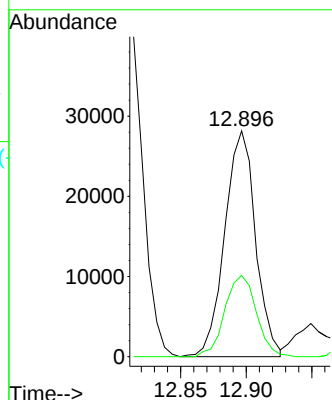
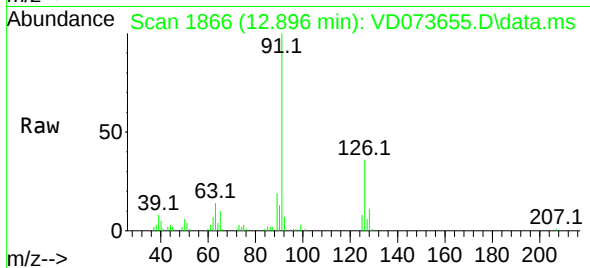
126 36.9 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#80

1,3,5-Trimethylbenzene

Concen: 5.122 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073655.D

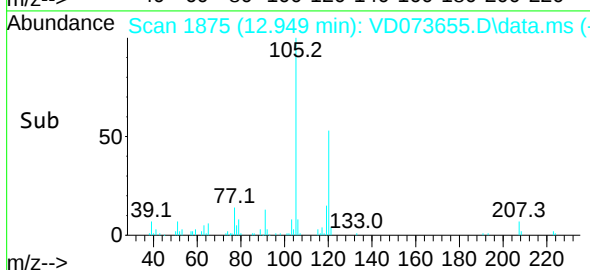
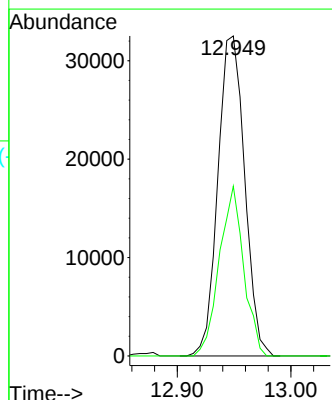
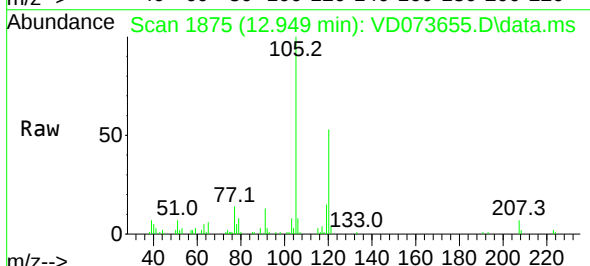
Acq: 22 Jun 2022 15:24

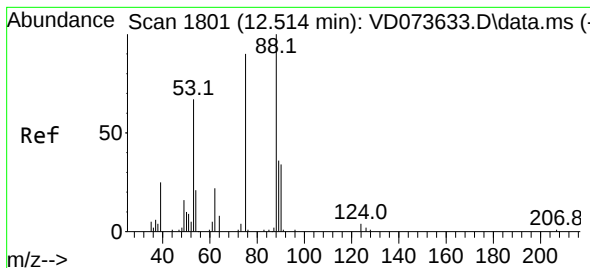
Tgt Ion:105 Resp: 53250

Ion Ratio Lower Upper

105 100

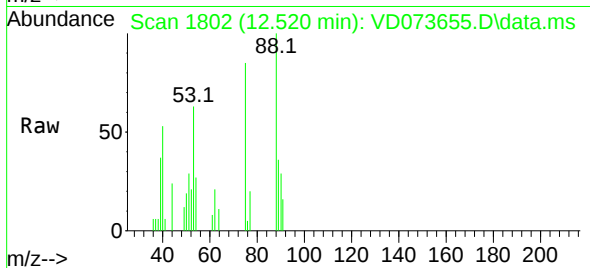
120 48.3 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 5.422 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

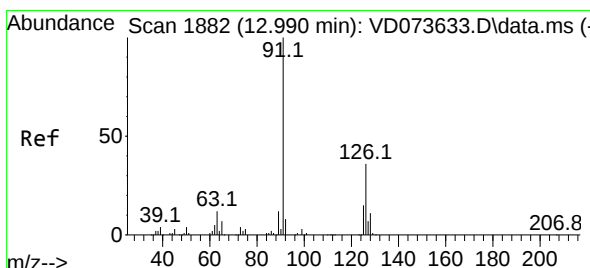
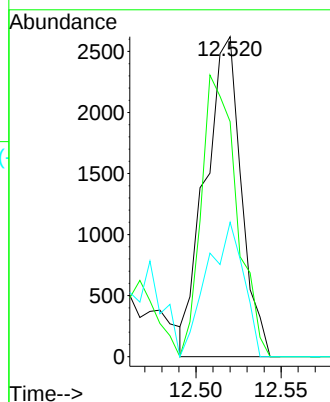
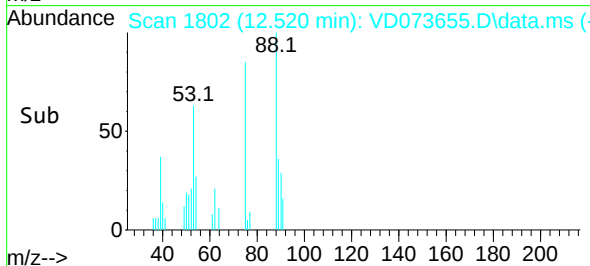
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022



Tgt Ion: 75 Resp: 3830
Ion Ratio Lower Upper
75 100
53 86.7 70.5 105.7
89 42.8 35.8 53.8

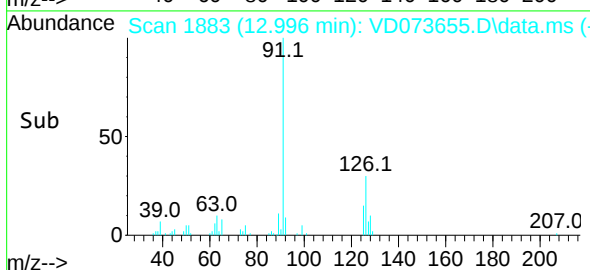
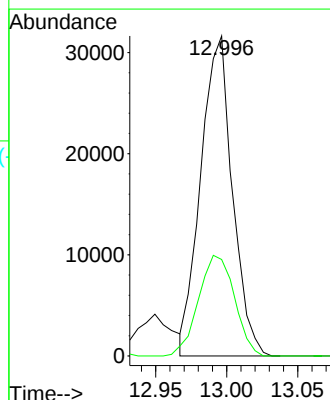
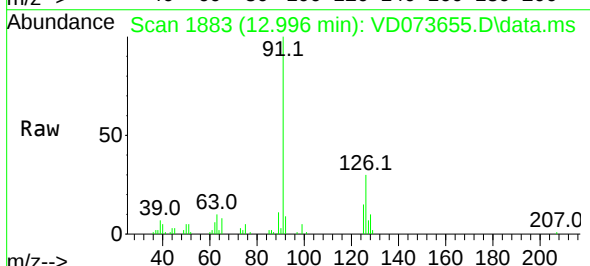
Manual Integrations
APPROVED

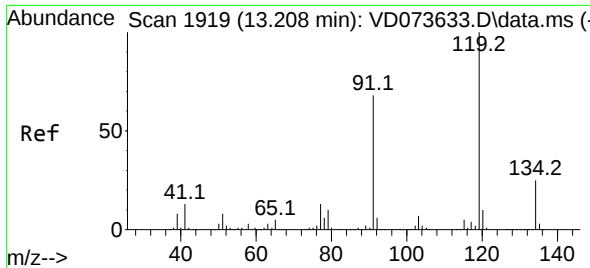
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#82
4-Chlorotoluene
Concen: 5.244 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

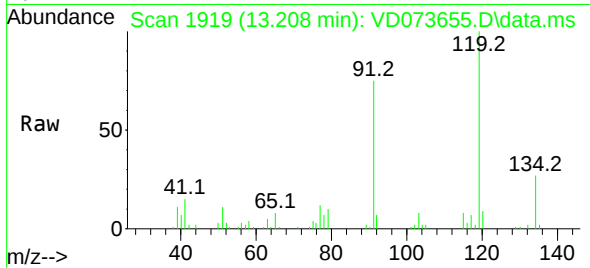
Tgt Ion: 91 Resp: 48945
Ion Ratio Lower Upper
91 100
126 35.8 17.1 51.2





#83
tert-Butylbenzene
Concen: 4.964 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

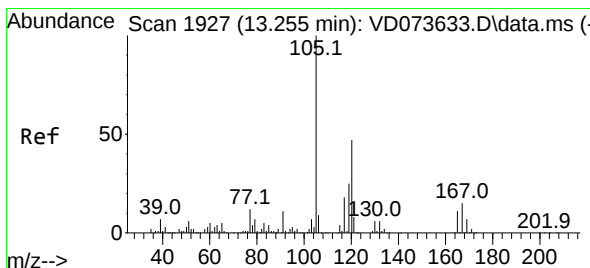
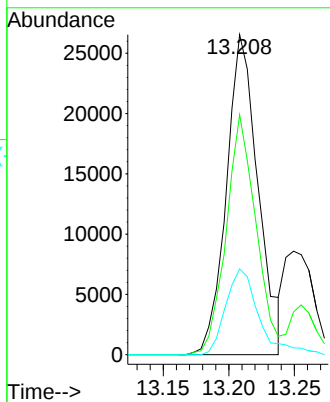
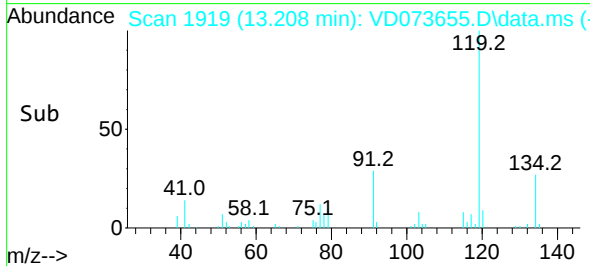
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



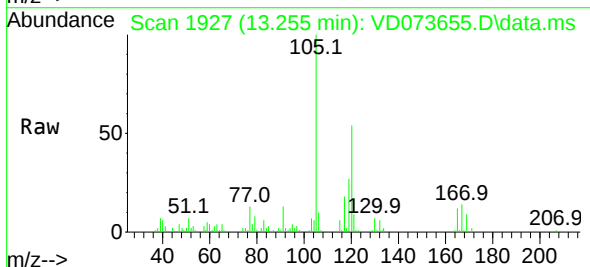
Tgt Ion:119 Resp: 4466
Ion Ratio Lower Upper
119 100
91 70.3 32.3 96.8
134 28.0 13.3 39.8

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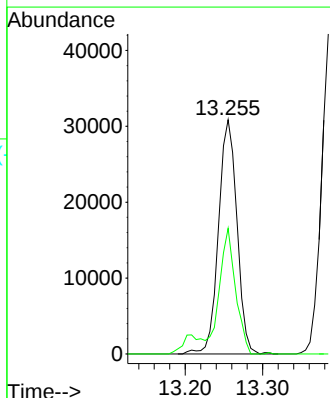
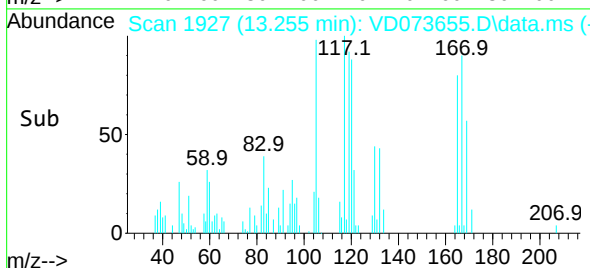
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

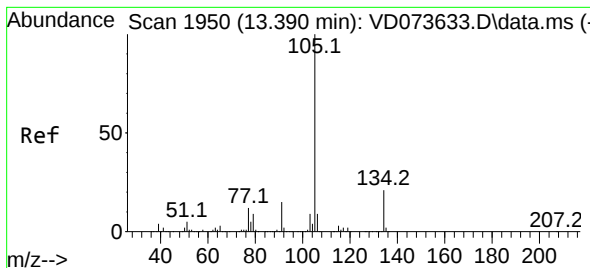


#84
1,2,4-Trimethylbenzene
Concen: 4.978 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24



Tgt Ion:105 Resp: 51048
Ion Ratio Lower Upper
105 100
120 47.0 23.1 69.2





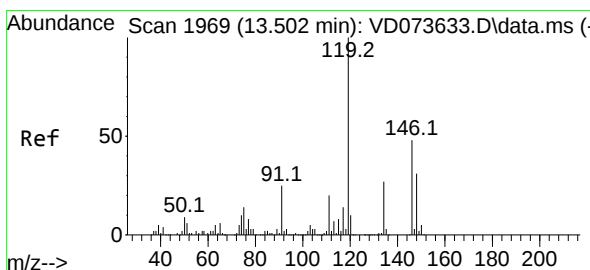
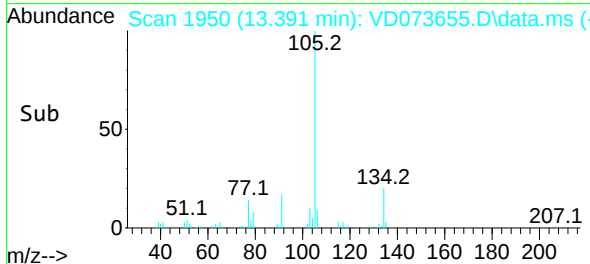
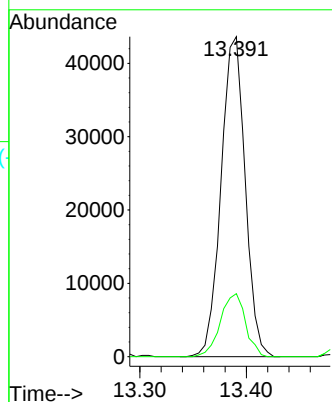
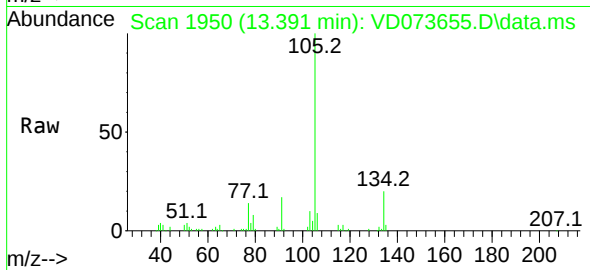
#85
 sec-Butylbenzene
 Concen: 5.125 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24

Instrument : MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Tgt Ion:105 Resp: 68572
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

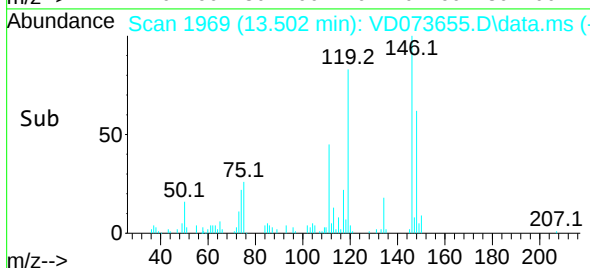
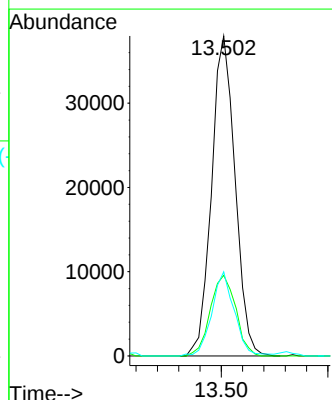
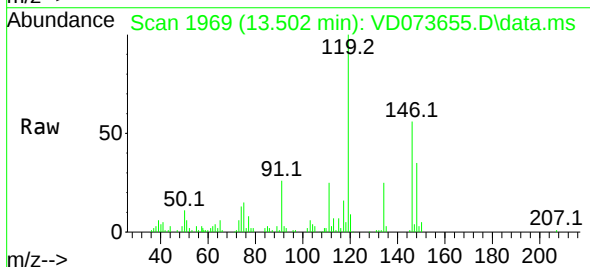
Manual Integrations
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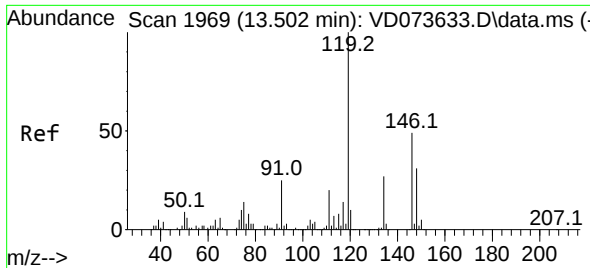
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022



#86
 p-Isopropyltoluene
 Concen: 5.256 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073655.D
 Acq: 22 Jun 2022 15:24

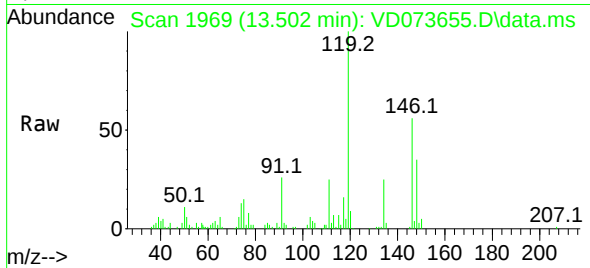
Tgt Ion:119 Resp: 58093
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.1 39.3
 91 25.3 12.0 36.0





#87
1,3-Dichlorobenzene
Concen: 5.567 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

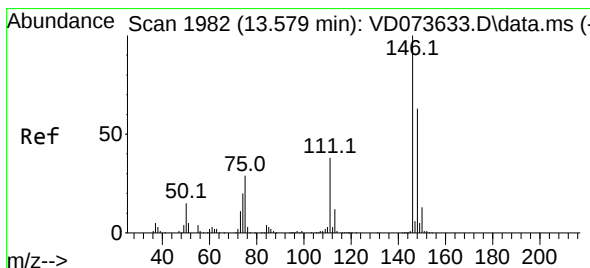
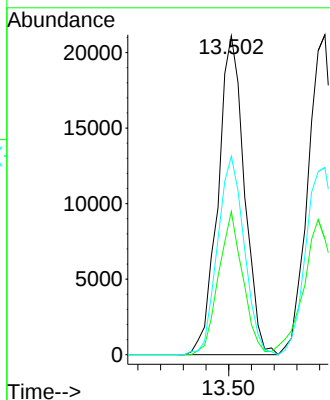
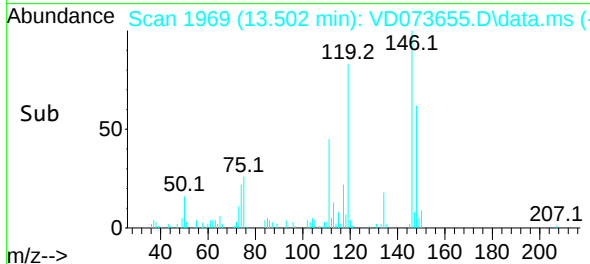
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT2-2022



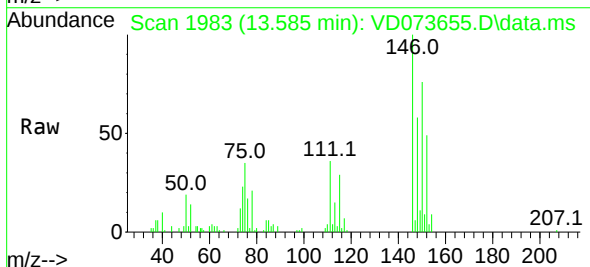
Tgt Ion:146 Resp: 34020
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 62.8 31.7 95.1

Manual Integrations
APPROVED

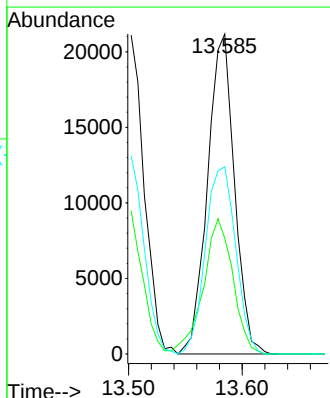
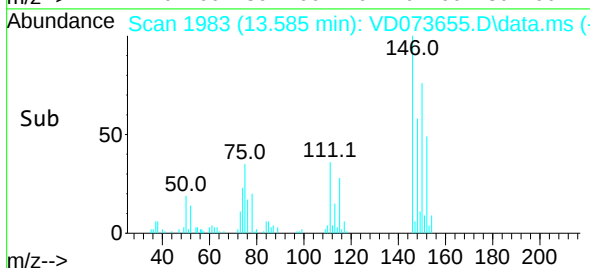
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

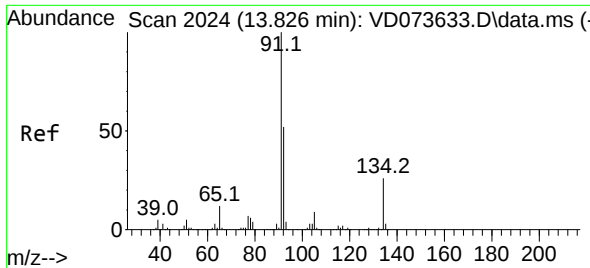


#88
1,4-Dichlorobenzene
Concen: 5.764 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24



Tgt Ion:146 Resp: 34912
Ion Ratio Lower Upper
146 100
111 46.7 19.8 59.3
148 65.9 31.9 95.9





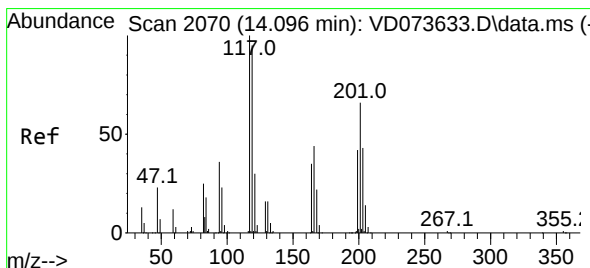
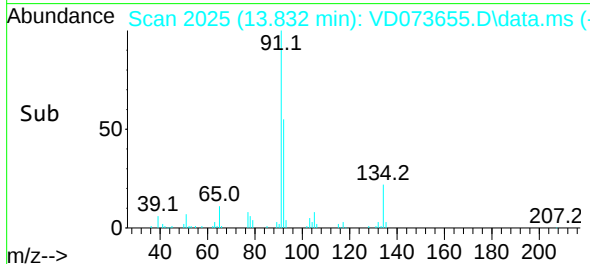
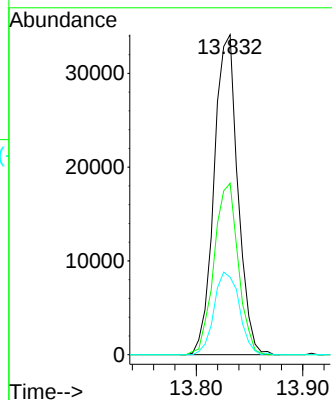
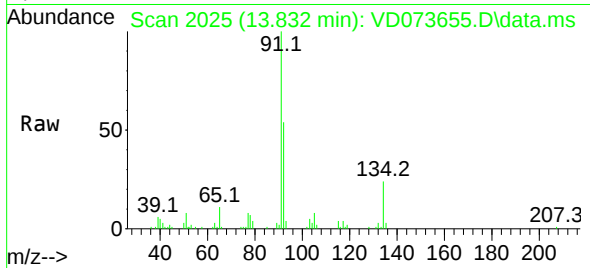
#89
n-Butylbenzene
Concen: 5.072 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Tgt Ion: 91 Resp: 52708
Ion Ratio Lower Upper
91 100
92 54.6 26.8 80.4
134 27.4 13.1 39.3

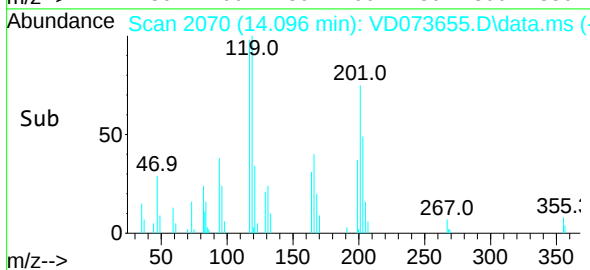
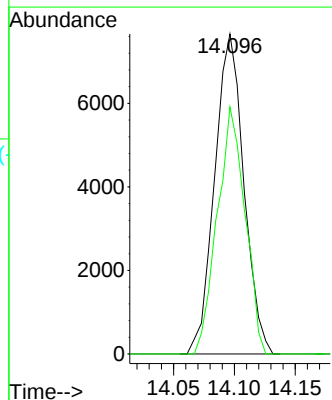
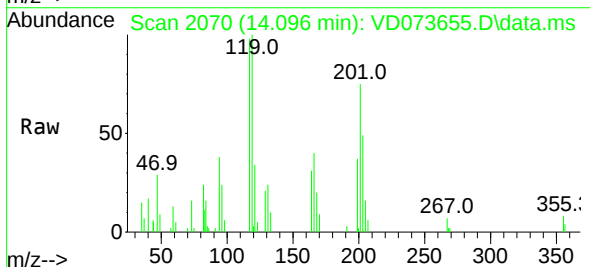
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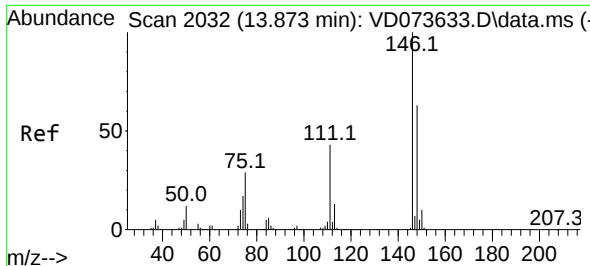
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#90
Hexachloroethane
Concen: 5.411 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

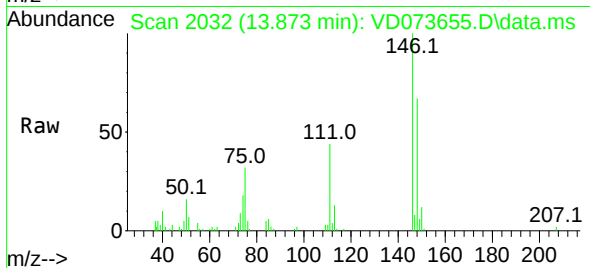
Tgt Ion:117 Resp: 12774
Ion Ratio Lower Upper
117 100
201 73.3 34.5 103.6





#91
1,2-Dichlorobenzene
Concen: 5.619 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

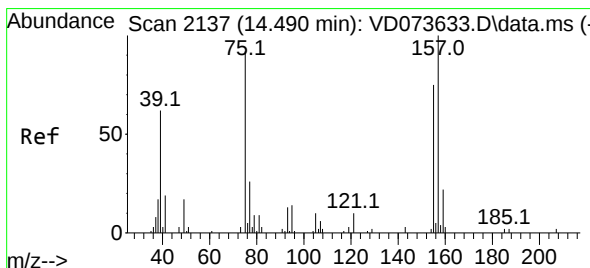
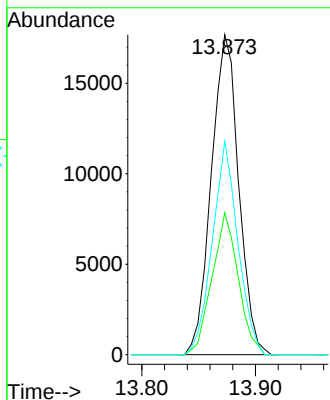
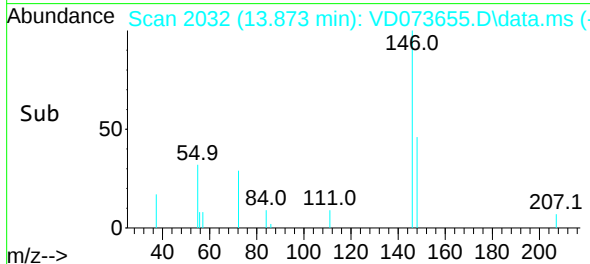
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



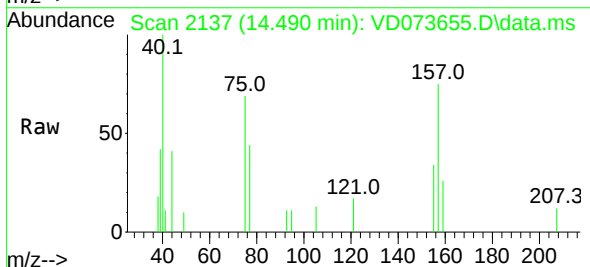
Tgt Ion:146 Resp: 2962
Ion Ratio Lower Upper
146 100
111 42.4 20.9 62.7
148 62.4 31.5 94.5

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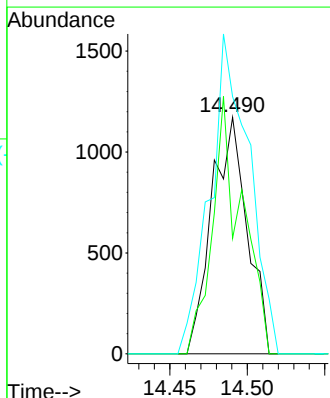
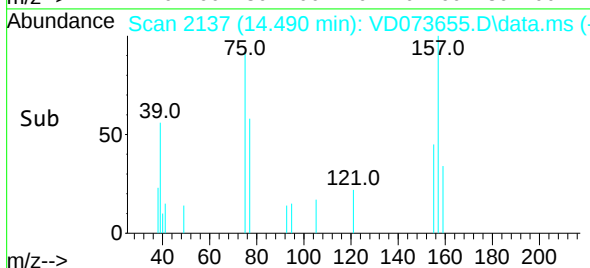
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

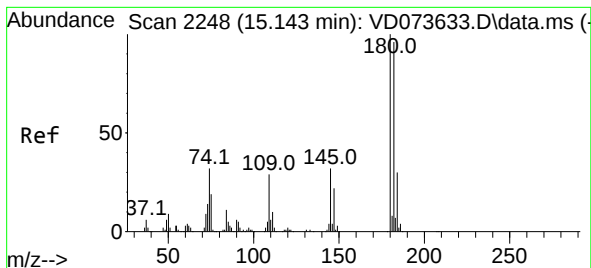


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.229 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24



Tgt Ion: 75 Resp: 1869
Ion Ratio Lower Upper
75 100
155 90.4 41.6 124.8
157 147.5 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 5.536 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

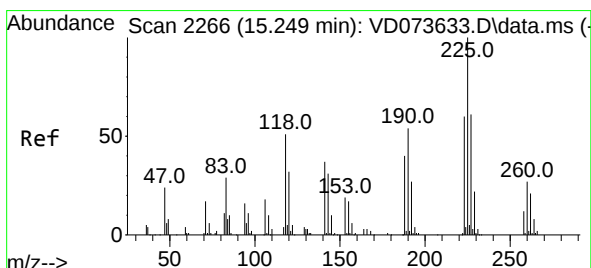
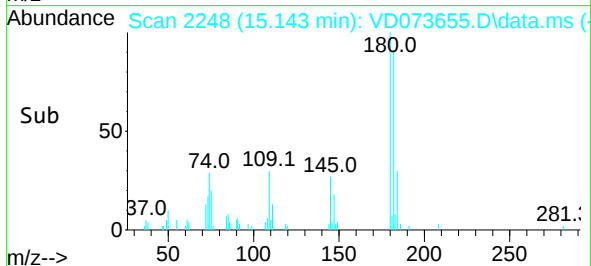
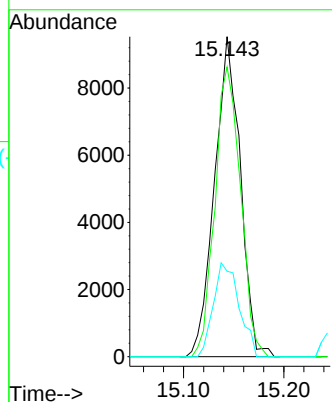
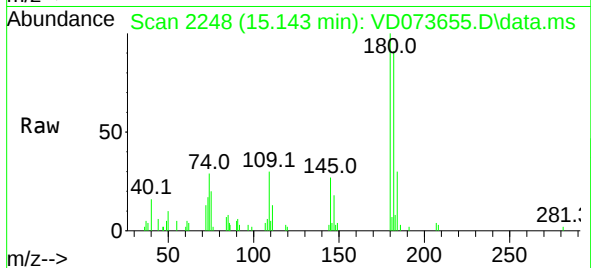
LOQ-SOIL-02-QT2-2022

Tgt Ion:	180	Resp:	1700
Ion Ratio	Lower	Upper	
180	100		
182	90.0	48.0	144.2
145	29.3	16.1	48.3

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 5.689 ug/l

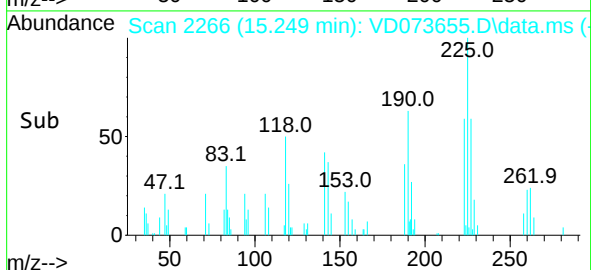
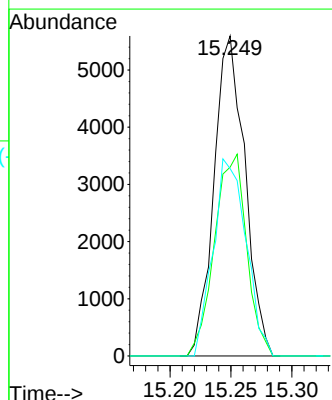
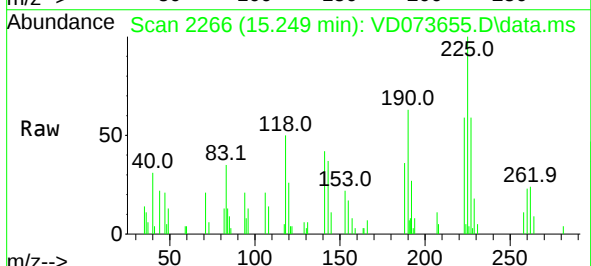
RT: 15.249 min Scan# 2266

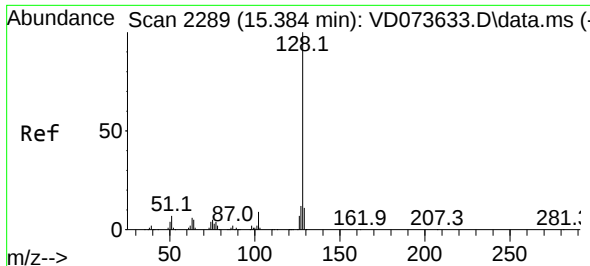
Delta R.T. 0.000 min

Lab File: VD073655.D

Acq: 22 Jun 2022 15:24

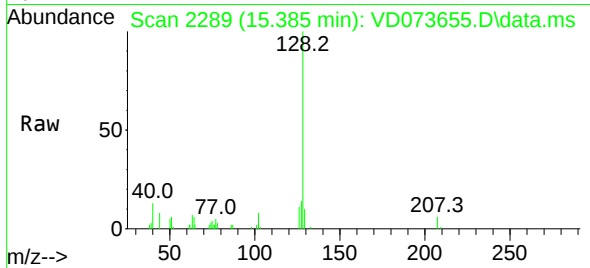
Tgt Ion:	225	Resp:	9902
Ion Ratio	Lower	Upper	
225	100		
223	65.3	31.0	93.0
227	65.4	31.8	95.4





#95
Naphthalene
Concen: 4.826 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24

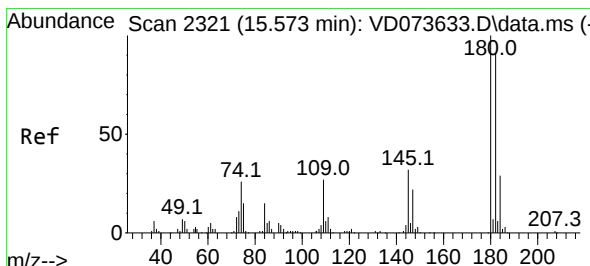
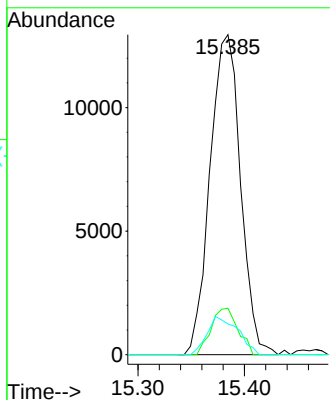
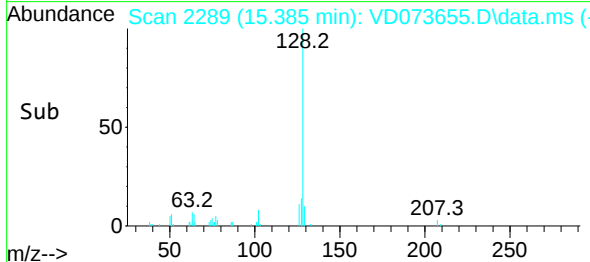
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



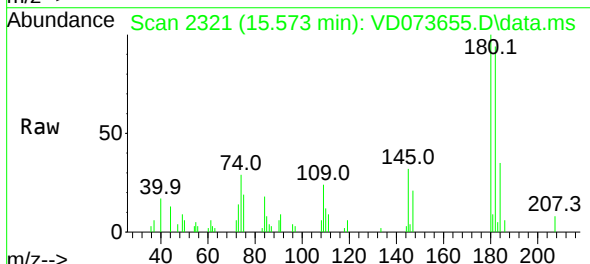
Tgt Ion:128 Resp: 2575
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 12.0 9.0 13.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 5.339 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073655.D
Acq: 22 Jun 2022 15:24



Tgt Ion:180 Resp: 14264
Ion Ratio Lower Upper
180 100
182 93.9 46.1 138.3
145 32.0 16.8 50.3

