

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009261.D
 Acq On : 21 Jun 2022 17:31
 Operator : KP/MD
 Sample : N3214-01 4.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Quant Time: Jun 22 07:00:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 22 06:52:17 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	7.783	168	159994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	256190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	236147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81280	46.256	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.520%		
35) Dibromofluoromethane	7.710	113	79449	47.886	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.780%		
50) Toluene-d8	10.173	98	300122	47.089	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.180%		
62) 4-Bromofluorobenzene	12.477	95	106080	47.365	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	5076	4.330	ug/l	99
3) Chloromethane	2.107	50	6380	4.435	ug/l #	88
4) Vinyl Chloride	2.241	62	6694	4.189	ug/l #	88
5) Bromomethane	2.637	94	5644	5.065	ug/l	89
6) Chloroethane	2.784	64	4259	4.003	ug/l	95
7) Trichlorofluoromethane	3.119	101	10891	4.294	ug/l	95
8) Diethyl Ether	3.515	74	3660	3.929	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	7027	4.357	ug/l	97
10) Methyl Iodide	4.076	142	6612	3.357	ug/l	95
11) Tert butyl alcohol	4.948	59	10063m	30.595	ug/l	
12) 1,1-Dichloroethene	3.863	96	6477	4.226	ug/l	85
13) Acrolein	3.729	56	1025	14.045	ug/l	87
14) Allyl chloride	4.466	41	12045	4.375	ug/l	90
15) Acrylonitrile	5.161	53	10720	20.637	ug/l	98
16) Acetone	3.942	43	9845	22.676	ug/l #	89
17) Carbon Disulfide	4.186	76	16168	3.797	ug/l #	94
18) Methyl Acetate	4.473	43	9964	6.689	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	18524	4.021	ug/l	98
20) Methylene Chloride	4.710	84	24123	8.393	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	7636	4.204	ug/l	94
22) Diisopropyl ether	6.112	45	23672	4.090	ug/l	90
23) Vinyl Acetate	6.058	43	58437	16.445	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	14085	4.299	ug/l	98
25) 2-Butanone	6.978	43	15692	22.381	ug/l	94
26) 2,2-Dichloropropane	6.972	77	12895	4.187	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	8580	4.029	ug/l	96
28) Bromochloromethane	7.332	49	6463	4.572	ug/l	90
29) Tetrahydrofuran	7.344	42	9616	21.657	ug/l	92
30) Chloroform	7.502	83	14330	4.249	ug/l	90
31) Cyclohexane	7.777	56	14753	4.837	ug/l #	74
32) 1,1,1-Trichloroethane	7.698	97	12249	4.160	ug/l	98
36) 1,1-Dichloropropene	7.911	75	10943	4.334	ug/l	98
37) Ethyl Acetate	7.064	43	7049	4.617	ug/l	97
38) Carbon Tetrachloride	7.893	117	10612	4.042	ug/l	96
39) Methylcyclohexane	9.179	83	12187	3.934	ug/l	99
40) Benzene	8.155	78	30349	4.063	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	3607m	4.261	ug/l	
42) 1,2-Dichloroethane	8.234	62	9625	4.490	ug/l	89
43) Isopropyl Acetate	8.265	43	11524	4.119	ug/l #	91
44) Trichloroethene	8.935	130	8906	4.234	ug/l	89
45) 1,2-Dichloropropane	9.209	63	7954	4.133	ug/l	94
46) Dibromomethane	9.295	93	4559	4.166	ug/l	97
47) Bromodichloromethane	9.496	83	10597	4.078	ug/l	93
48) Methyl methacrylate	9.283	41	4956	4.041	ug/l	93
49) 1,4-Dioxane	9.295	88	1408	89.537	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	31305	21.511	ug/l	98
52) Toluene	10.240	92	20239	4.286	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	10673	3.950	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	12016	3.907	ug/l	91
55) 1,1,2-Trichloroethane	10.636	97	6200	4.036	ug/l	96
56) Ethyl methacrylate	10.508	69	7667	3.773	ug/l	90
57) 1,3-Dichloropropane	10.782	76	10965	4.172	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.776	63	20640	23.678	ug/l	97
59) 2-Hexanone	10.831	43	20399	20.712	ug/l	94
60) Dibromochloromethane	10.977	129	7690	4.105	ug/l	93
61) 1,2-Dibromoethane	11.087	107	5856	3.910	ug/l	96
64) Tetrachloroethene	10.715	164	9648	4.235	ug/l	91
65) Chlorobenzene	11.514	112	22536	4.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	7666	3.941	ug/l	93
67) Ethyl Benzene	11.593	91	38068	4.129	ug/l	97
68) m/p-Xylenes	11.697	106	29352	8.113	ug/l	92
69) o-Xylene	12.026	106	13551	3.939	ug/l	93
70) Styrene	12.038	104	21609	3.787	ug/l	97
71) Bromoform	12.209	173	5011	4.168	ug/l #	96
73) Isopropylbenzene	12.325	105	35651	3.806	ug/l	98
74) N-amyl acetate	12.142	43	9731	3.889	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.575	83	7370	4.135	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	6180m	4.415	ug/l	
77) Bromobenzene	12.605	156	8799	3.867	ug/l	98
78) n-propylbenzene	12.666	91	43904	3.890	ug/l	97
79) 2-Chlorotoluene	12.752	91	25767	4.053	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	29229	3.759	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.367	75	2590	3.923	ug/l	87
82) 4-Chlorotoluene	12.849	91	26181	3.948	ug/l	96
83) tert-Butylbenzene	13.069	119	26538	3.913	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	29655	3.891	ug/l	99
85) sec-Butylbenzene	13.251	105	41631	4.101	ug/l	98
86) p-Isopropyltoluene	13.367	119	31877	3.778	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	18312	4.164	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	18347	4.158	ug/l	93
89) n-Butylbenzene	13.696	91	31700	4.034	ug/l	98
90) Hexachloroethane	13.959	117	6723	4.200	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	16809	4.254	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1235	3.890	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	9206	3.808	ug/l	99
94) Hexachlorobutadiene	15.105	225	5784	4.447	ug/l	96
95) Naphthalene	15.233	128	17308	3.569	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	8255	3.995	ug/l	99

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Manual Integrations
APPROVED

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

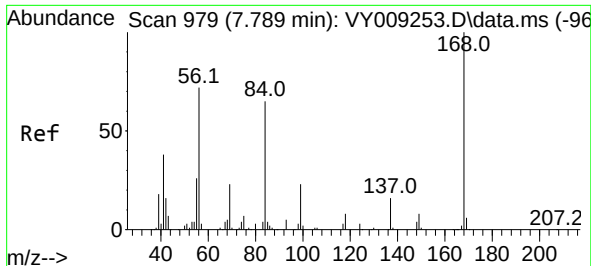
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

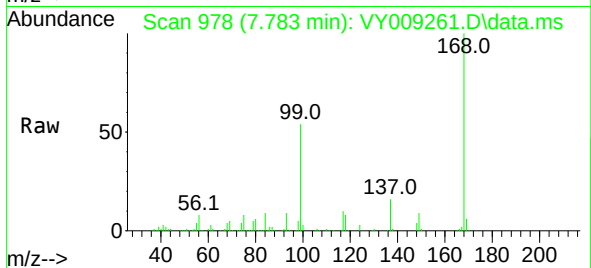
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009261.D
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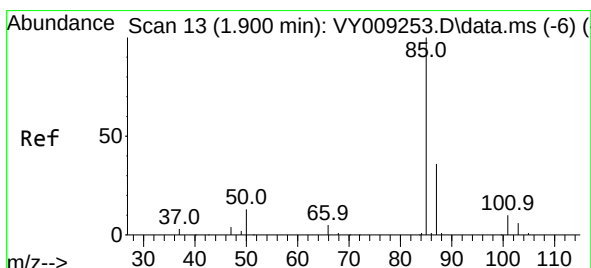
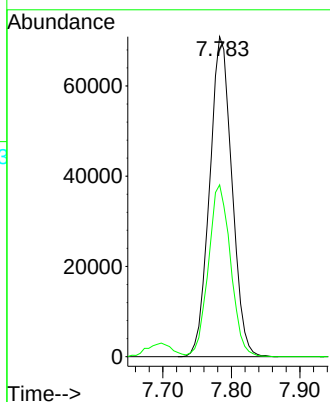
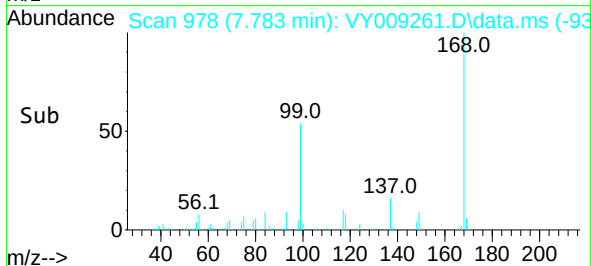
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion:168 Resp: 159994
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3

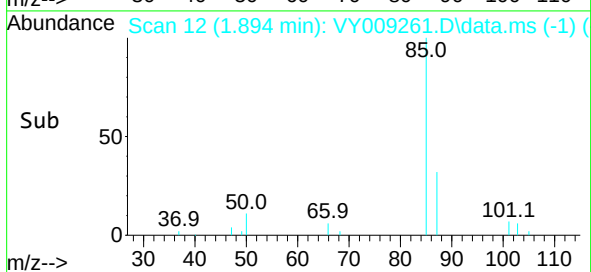
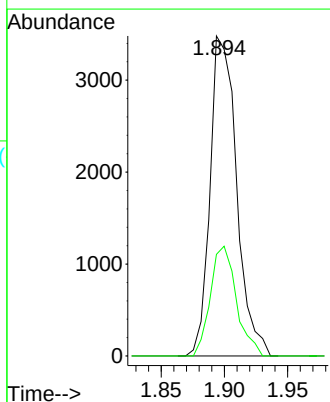
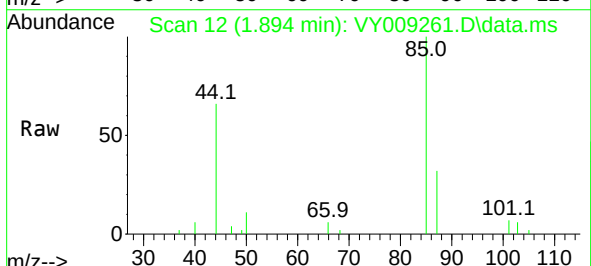
Manual Integrations
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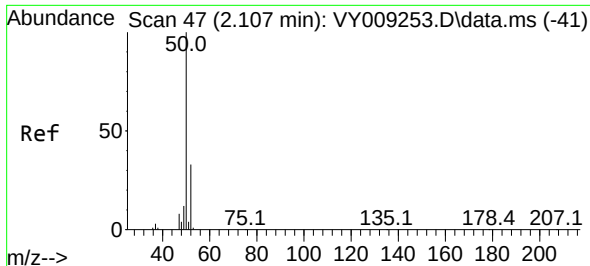
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#2
Dichlorodifluoromethane
Concen: 4.330 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

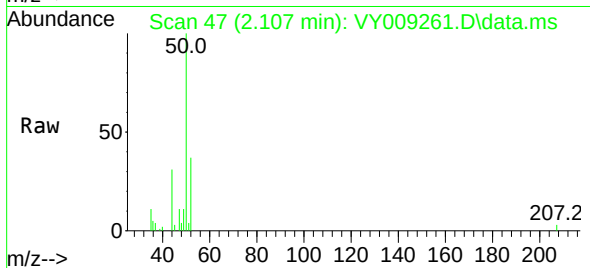
Tgt Ion: 85 Resp: 5076
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2





#3
Chloromethane
Concen: 4.435 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

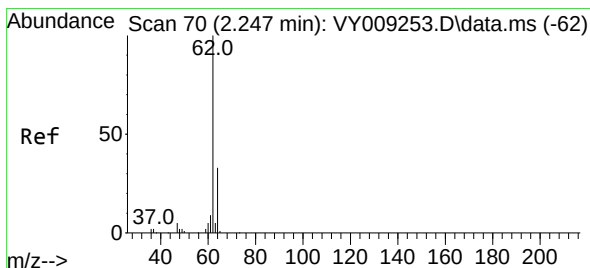
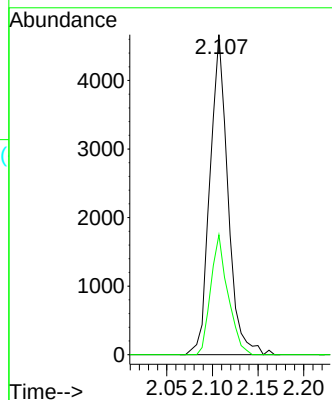
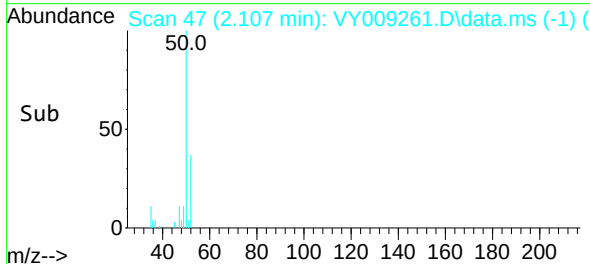
Instrument : MSVOA_Y
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LOD-MDL-SOIL-01-QT2-2022 4.0PPB



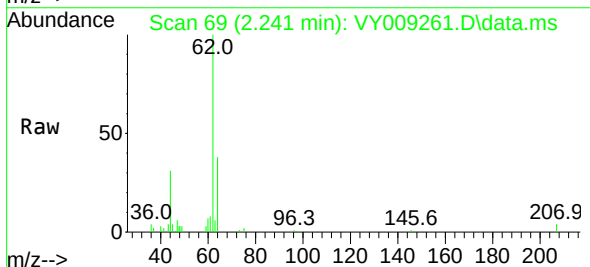
Tgt Ion: 50 Resp: 6380
Ion Ratio Lower Upper
50 100
52 37.4 24.6 37.0

Manual Integrations
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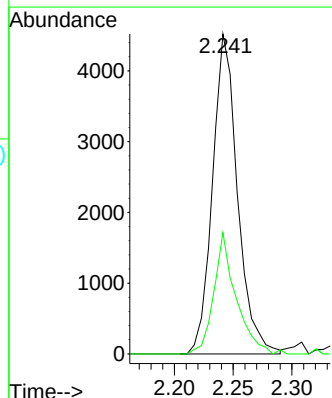
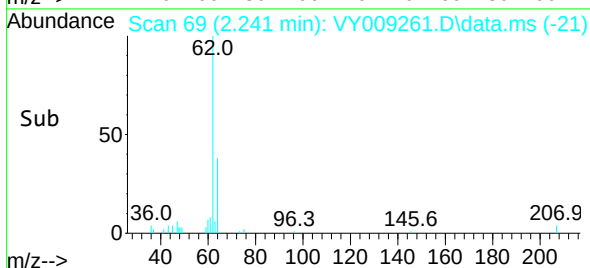
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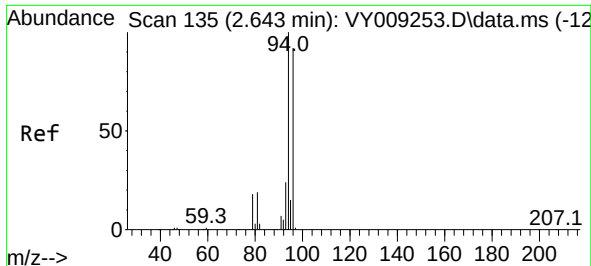


#4
Vinyl Chloride
Concen: 4.189 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



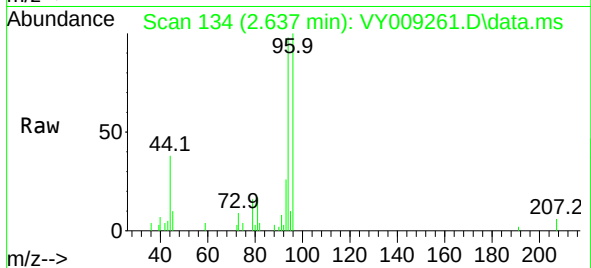
Tgt Ion: 62 Resp: 6694
Ion Ratio Lower Upper
62 100
64 38.0 25.0 37.6





#5
Bromomethane
Concen: 5.065 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

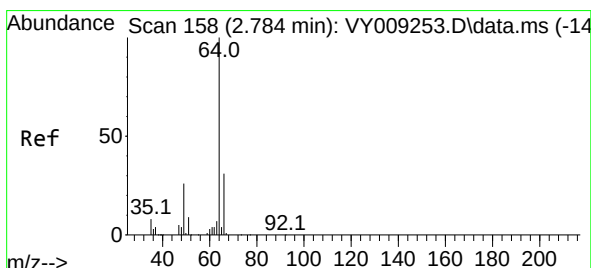
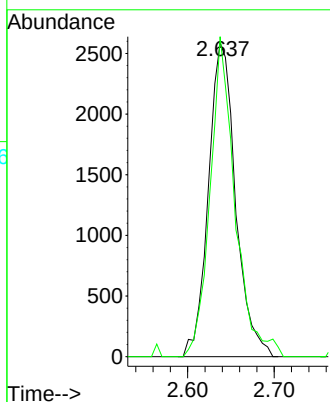
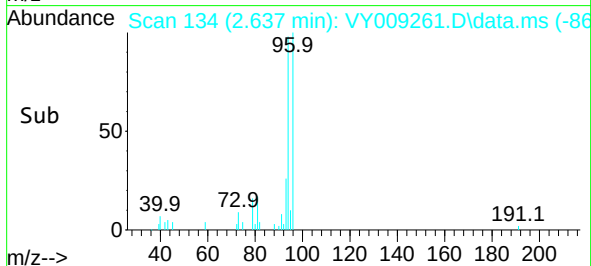
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Tgt Ion: 94 Resp: 564
Ion Ratio Lower Upper
94 100
96 101.9 73.5 110.3

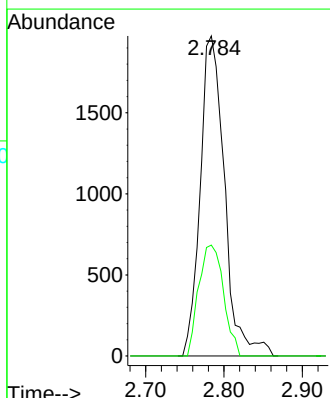
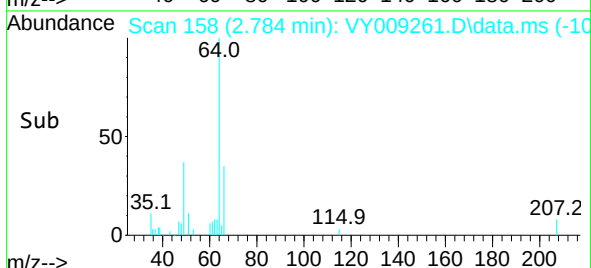
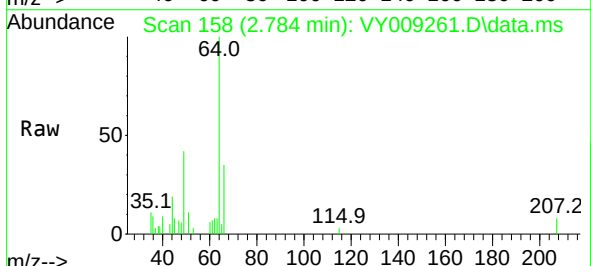
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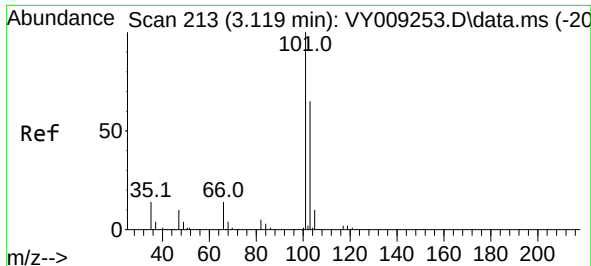
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#6
Chloroethane
Concen: 4.003 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

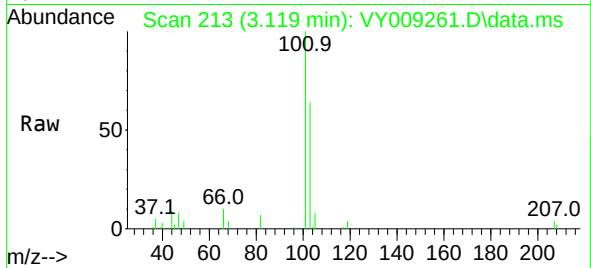
Tgt Ion: 64 Resp: 4259
Ion Ratio Lower Upper
64 100
66 34.7 25.4 38.0





#7
Trichlorofluoromethane
Concen: 4.294 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

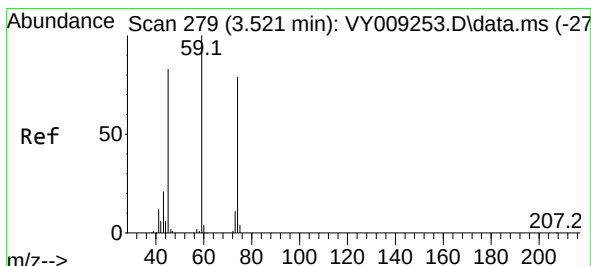
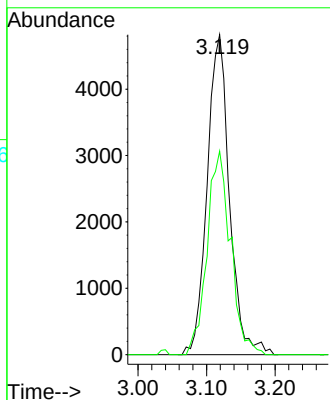
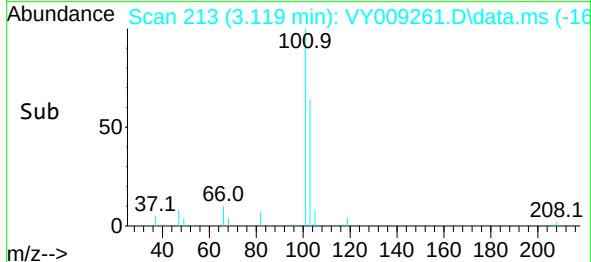
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion:101 Resp: 1089
Ion Ratio Lower Upper
101 100
103 63.6 48.0 72.0

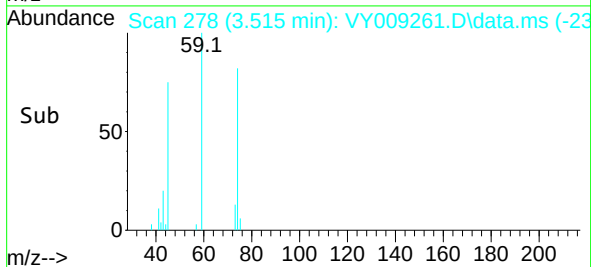
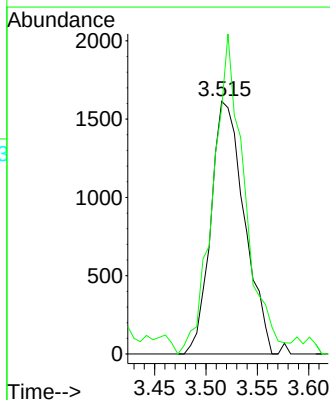
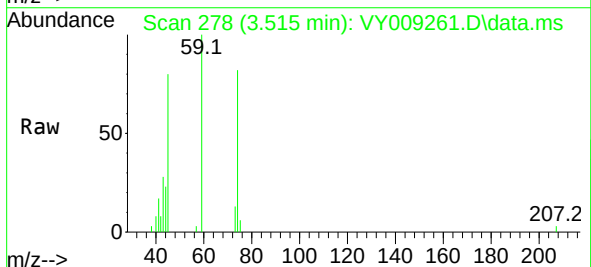
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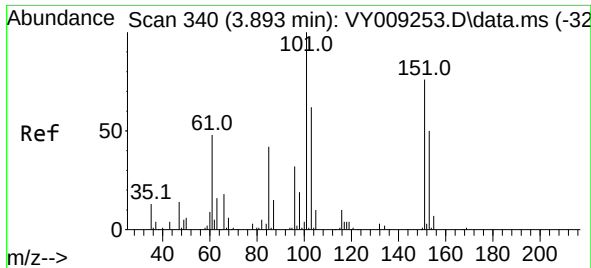
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#8
Diethyl Ether
Concen: 3.929 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 74 Resp: 3660
Ion Ratio Lower Upper
74 100
45 119.2 55.1 165.5





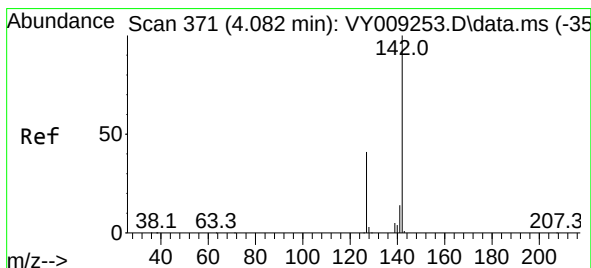
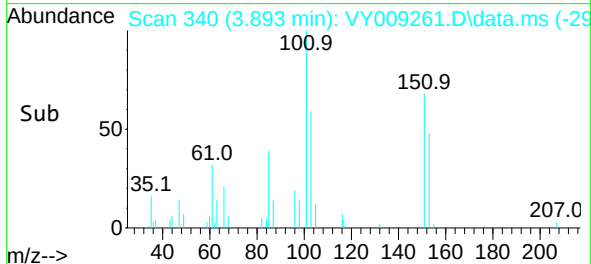
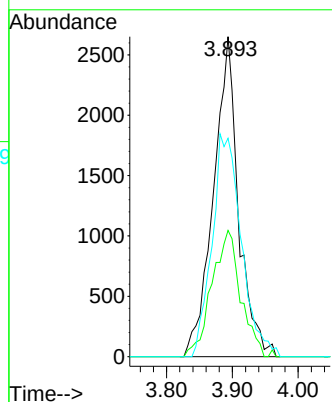
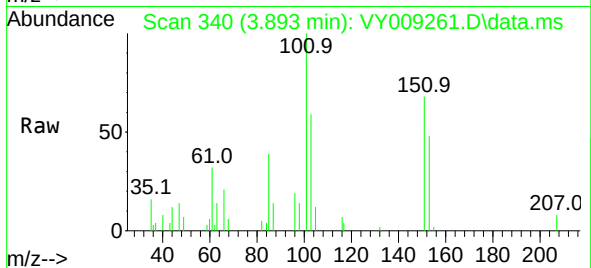
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.357 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion:101 Resp: 702
Ion Ratio Lower Upper
101 100
85 45.2 40.6 60.8
151 81.3 64.9 97.3

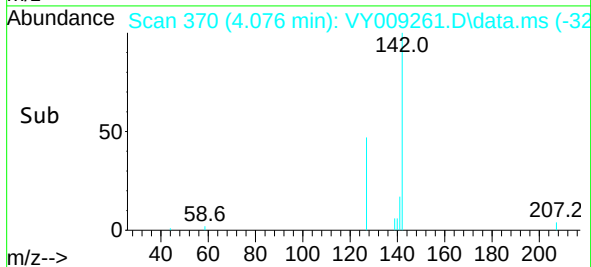
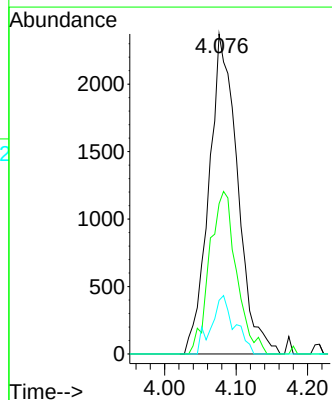
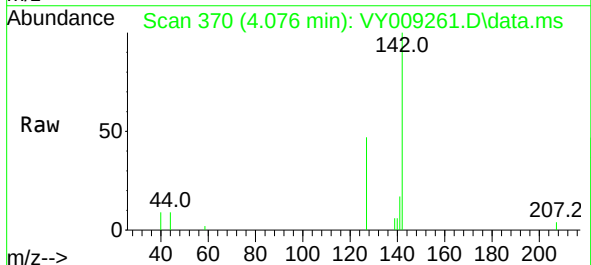
Manual Integrations
APPROVED

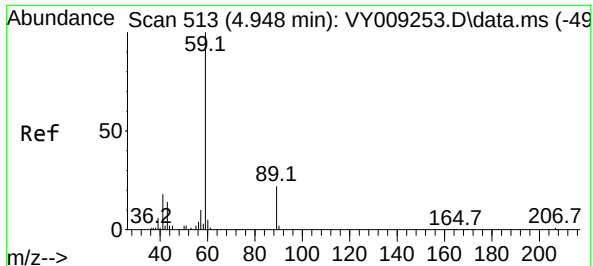
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#10
Methyl Iodide
Concen: 3.357 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

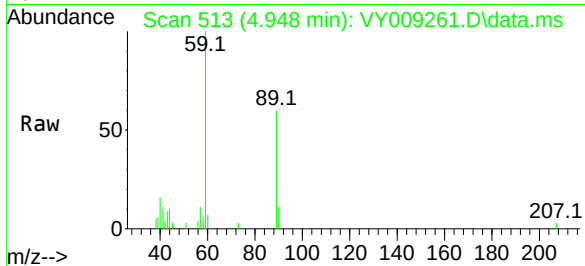
Tgt Ion:142 Resp: 6612
Ion Ratio Lower Upper
142 100
127 47.7 41.5 62.3
141 14.8 11.9 17.9





#11
Tert butyl alcohol
Concen: 30.595 ug/l m
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

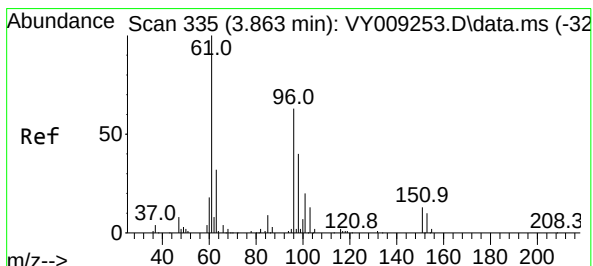
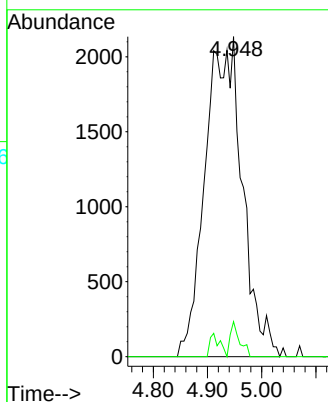
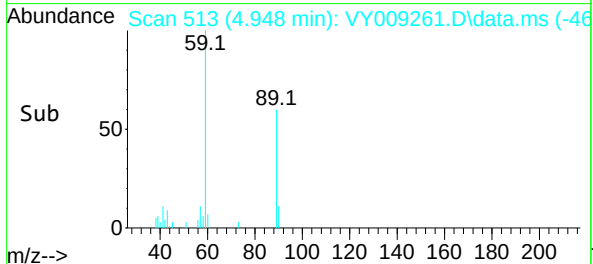
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



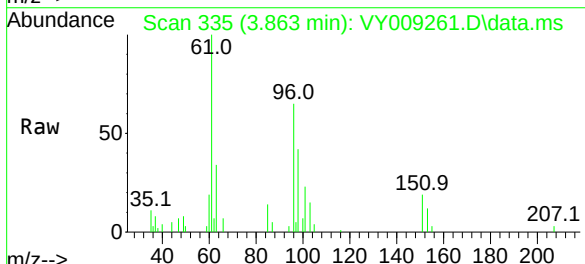
Tgt Ion: 59 Resp: 1006
Ion Ratio Lower Upper
59 100
57 1.9 6.4 9.6

Manual Integrations APPROVED

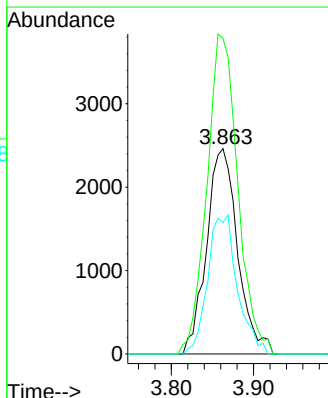
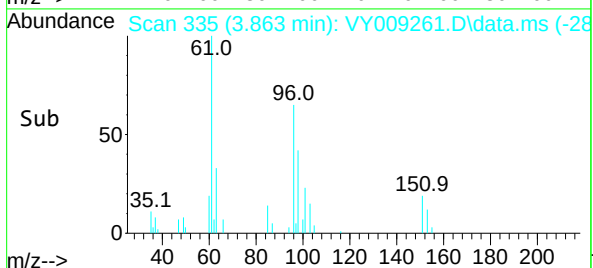
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

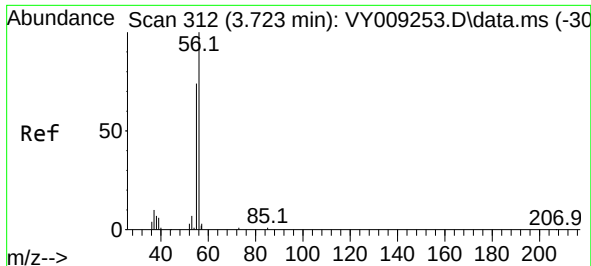


#12
1,1-Dichloroethene
Concen: 4.226 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



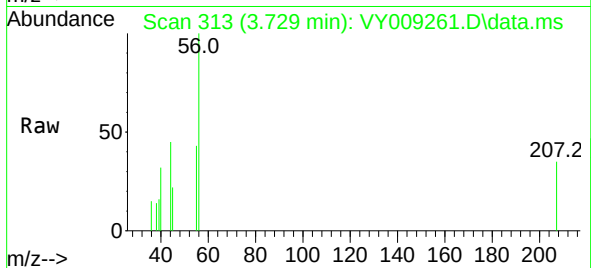
Tgt Ion: 96 Resp: 6477
Ion Ratio Lower Upper
96 100
61 153.7 145.8 218.6
98 64.1 52.5 78.7





#13
Acrolein
Concen: 14.045 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

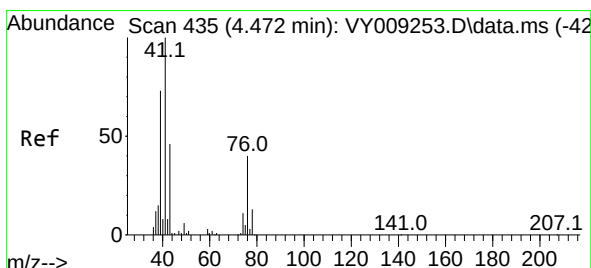
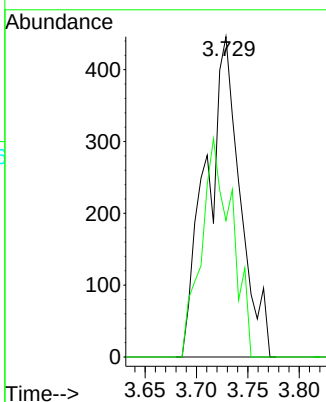
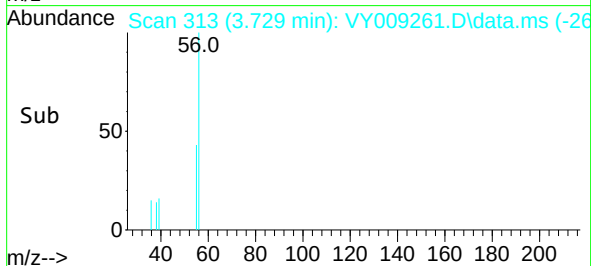
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion: 56 Resp: 1025
Ion Ratio Lower Upper
56 100
55 61.2 57.6 86.4

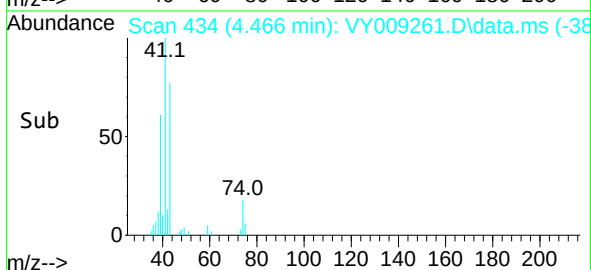
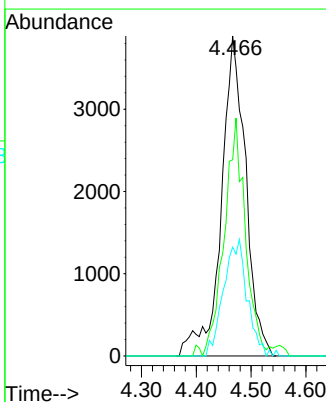
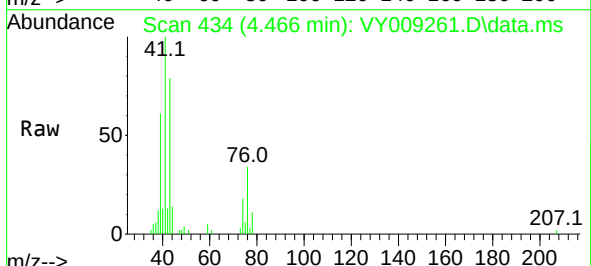
Manual Integrations
APPROVED

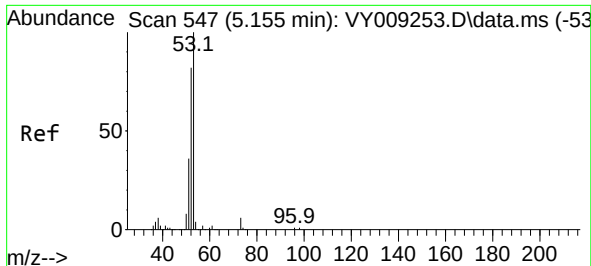
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#14
Allyl chloride
Concen: 4.375 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

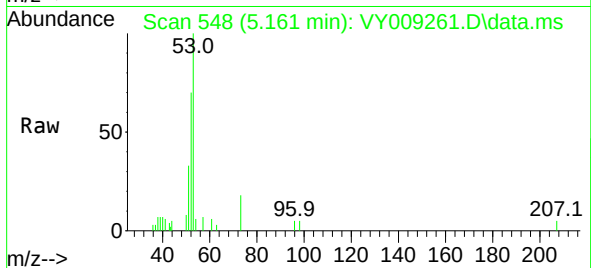
Tgt Ion: 41 Resp: 12045
Ion Ratio Lower Upper
41 100
39 63.9 58.8 88.2
76 35.3 25.1 37.7





#15
Acrylonitrile
Concen: 20.637 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

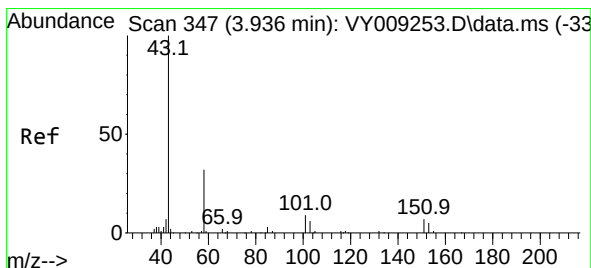
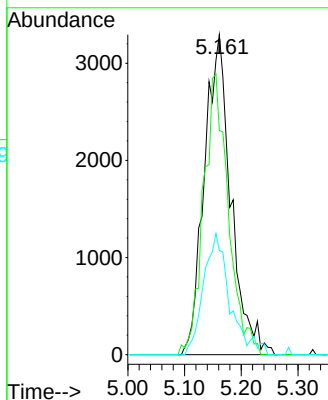
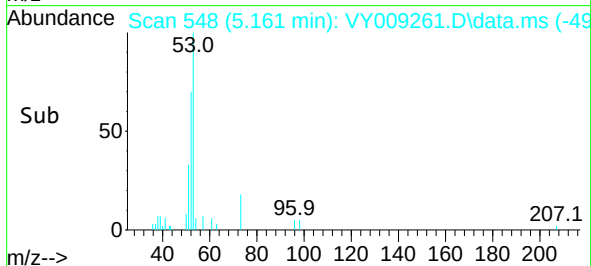
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion: 53 Resp: 10720
Ion Ratio Lower Upper
53 100
52 82.0 67.0 100.4
51 36.0 29.8 44.6

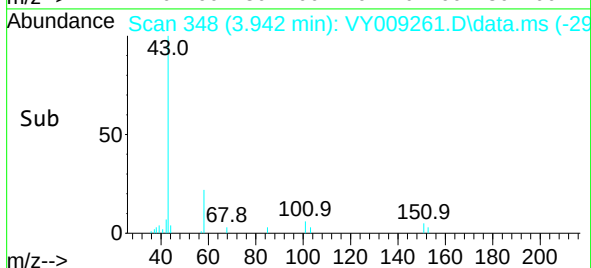
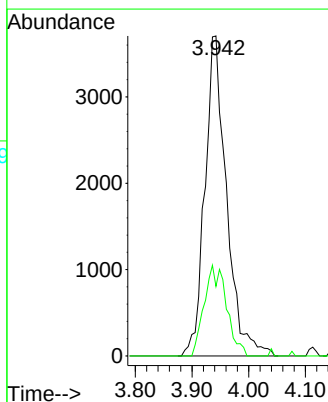
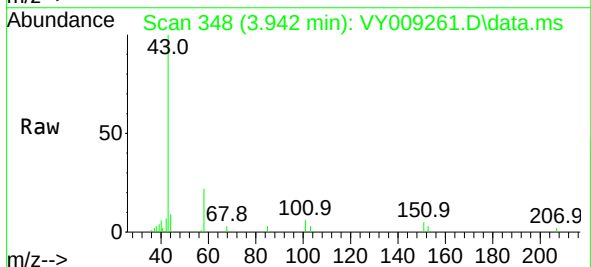
Manual Integrations
APPROVED

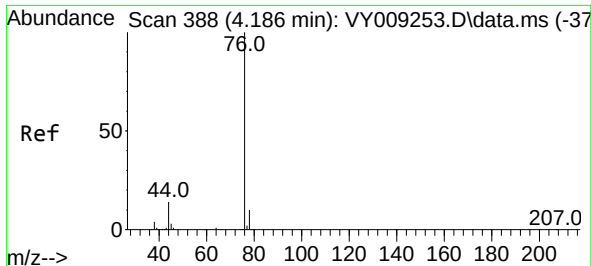
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#16
Acetone
Concen: 22.676 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

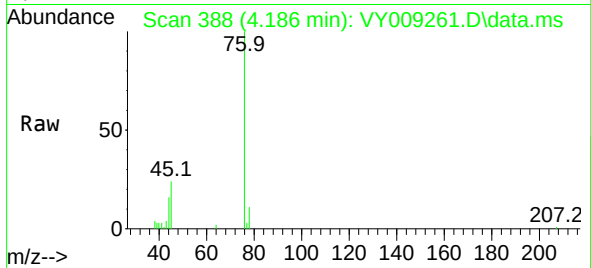
Tgt Ion: 43 Resp: 9845
Ion Ratio Lower Upper
43 100
58 21.8 22.0 33.0#





#17
Carbon Disulfide
Concen: 3.797 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

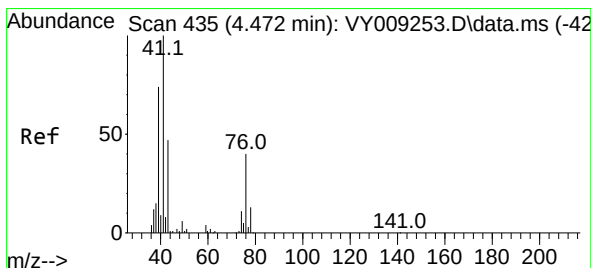
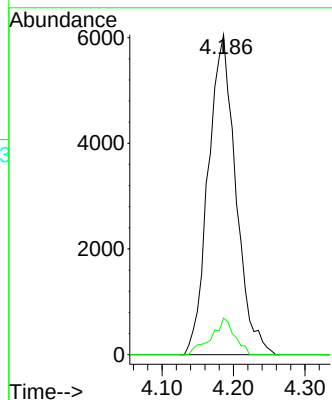
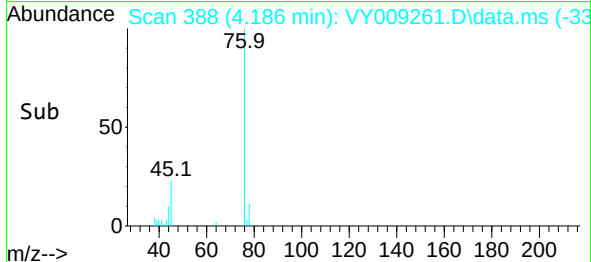
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



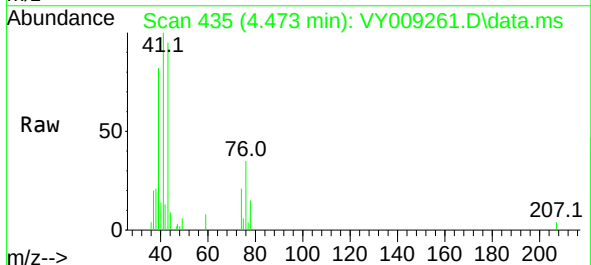
Tgt Ion: 76 Resp: 1616
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.0

Manual Integrations
APPROVED

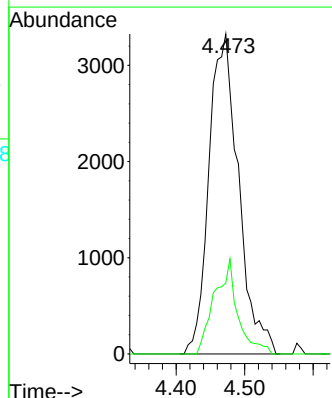
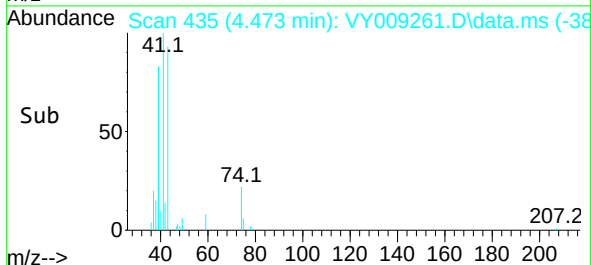
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

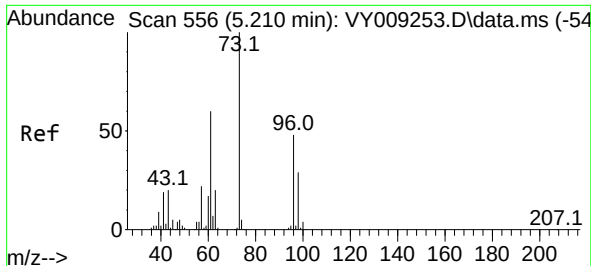


#18
Methyl Acetate
Concen: 6.689 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



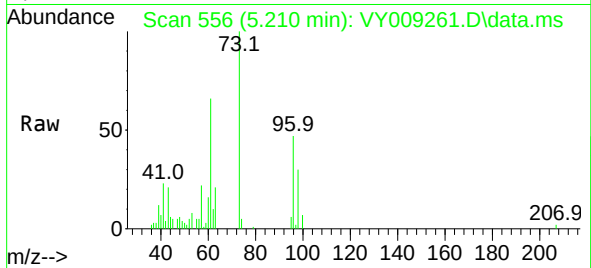
Tgt Ion: 43 Resp: 9964
Ion Ratio Lower Upper
43 100
74 23.2 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 4.021 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

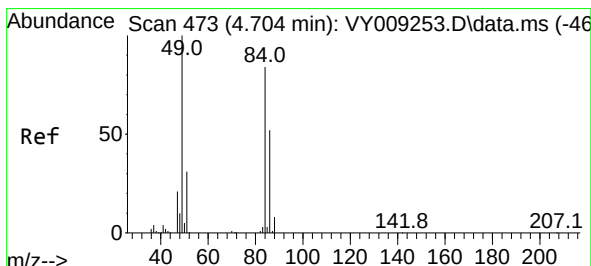
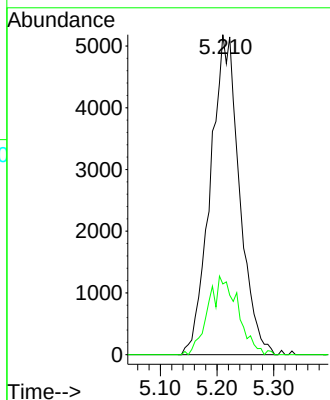
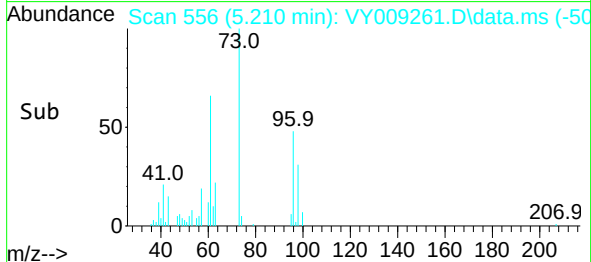
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



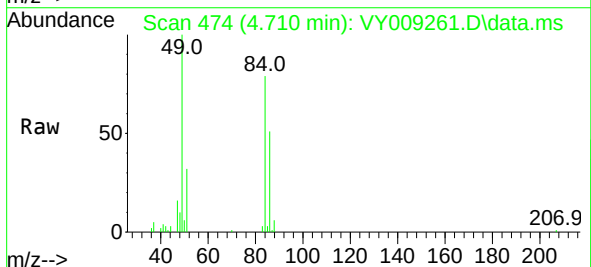
Tgt Ion: 73 Resp: 18524
Ion Ratio Lower Upper
73 100
57 22.1 18.6 27.8

Manual Integrations
APPROVED

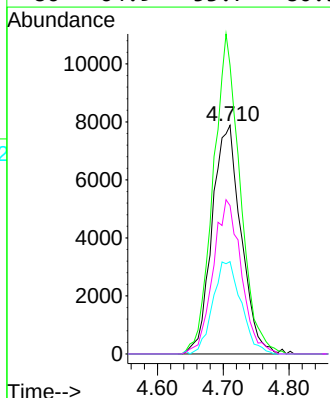
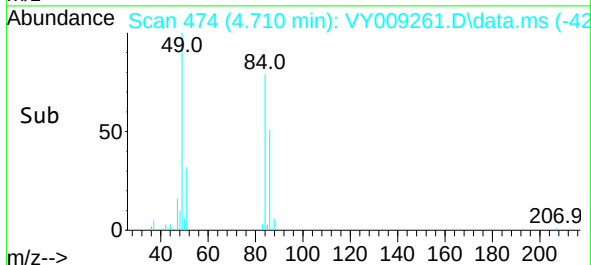
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

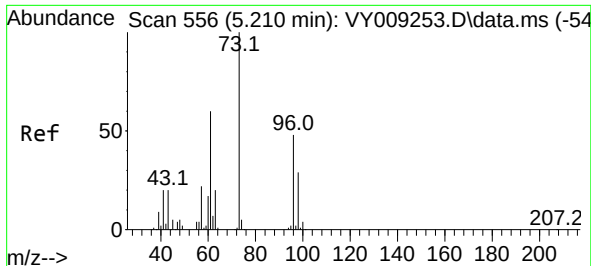


#20
Methylene Chloride
Concen: 8.393 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



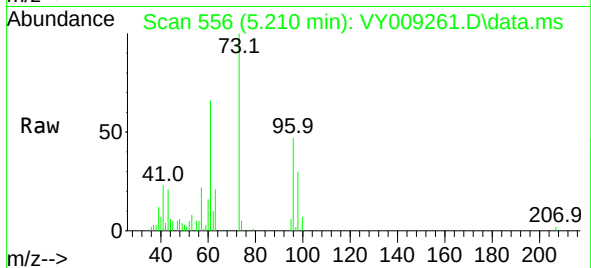
Tgt Ion: 84 Resp: 24123
Ion Ratio Lower Upper
84 100
49 126.3 114.4 171.6
51 40.4 35.3 52.9
86 64.9 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 4.204 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

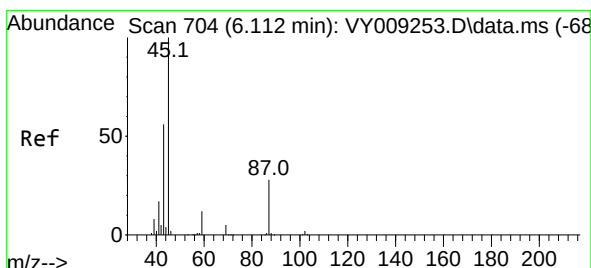
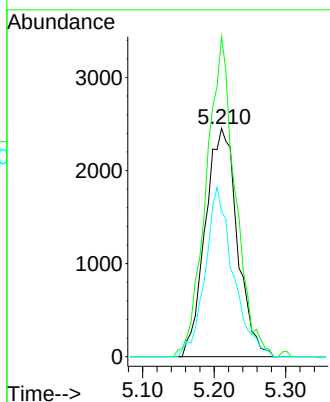
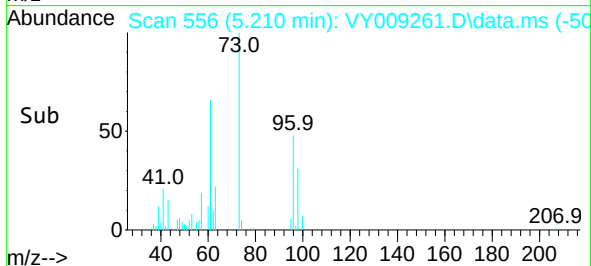
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



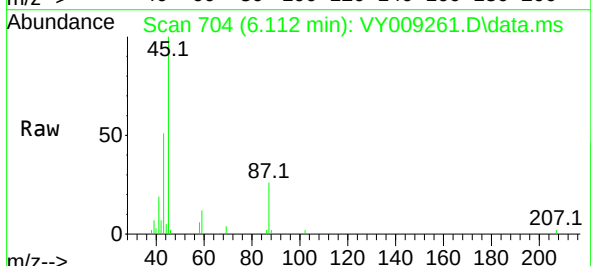
Tgt Ion: 96 Resp: 7630
Ion Ratio Lower Upper
96 100
61 140.2 120.5 180.7
98 63.7 49.8 74.8

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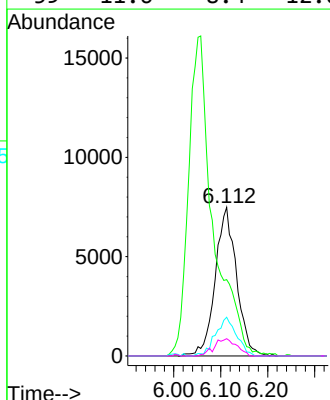
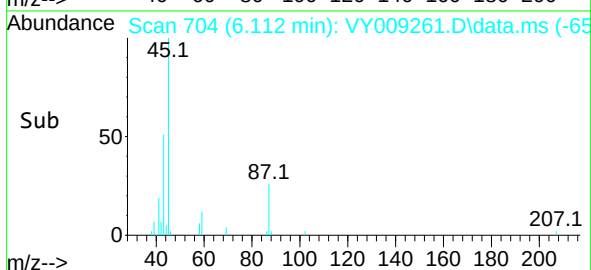
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

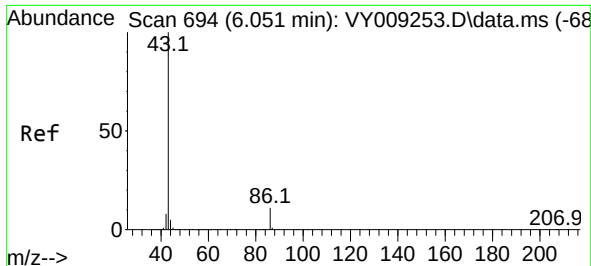


#22
Diisopropyl ether
Concen: 4.090 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



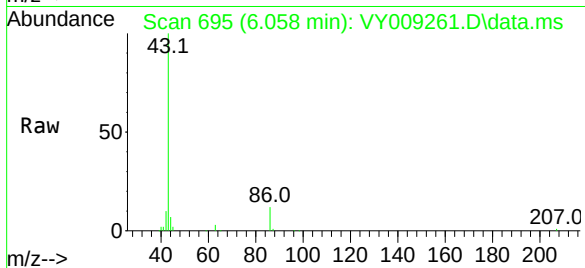
Tgt Ion: 45 Resp: 23672
Ion Ratio Lower Upper
45 100
43 51.3 49.3 73.9
87 26.1 19.2 28.8
59 11.6 8.4 12.6





#23
 Vinyl Acetate
 Concen: 16.445 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY009261.D
 Acq: 21 Jun 2022 17:31

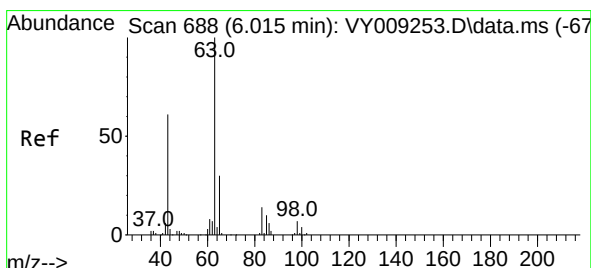
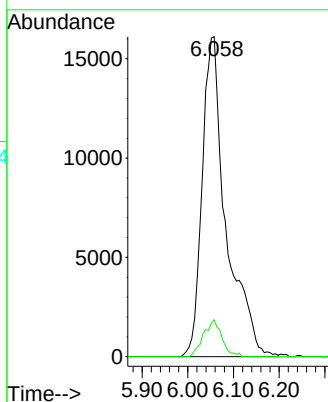
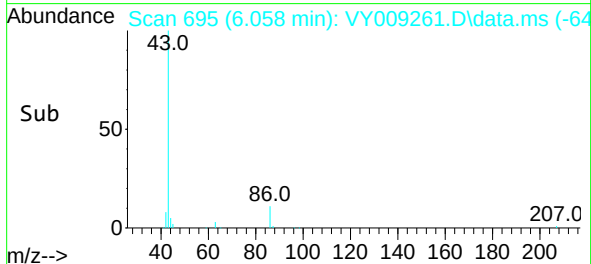
Instrument : MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion: 43 Resp: 5843
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7

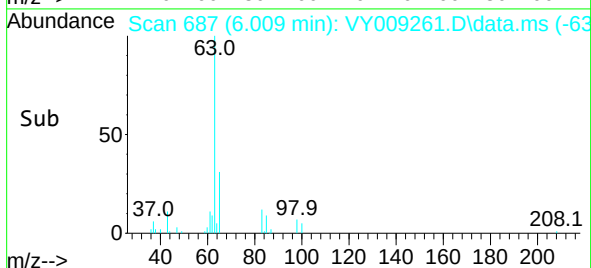
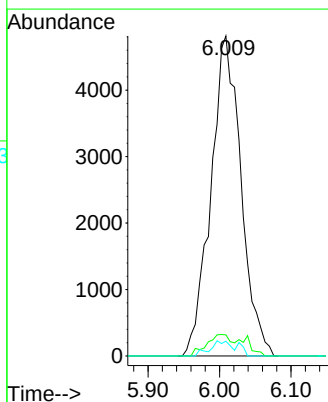
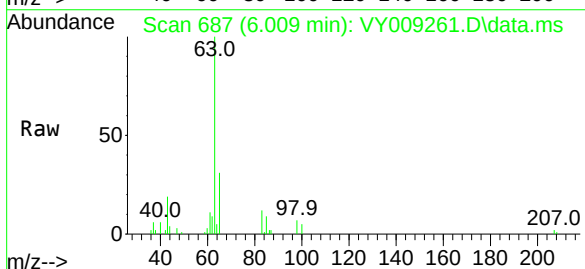
Manual Integrations
 APPROVED

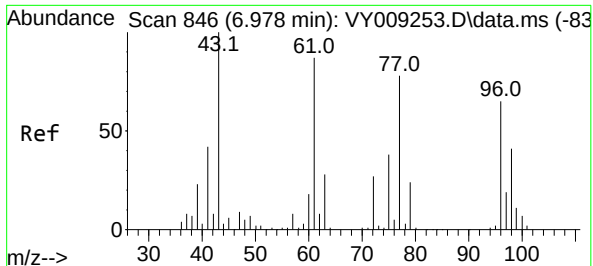
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022



#24
 1,1-Dichloroethane
 Concen: 4.299 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009261.D
 Acq: 21 Jun 2022 17:31

Tgt Ion: 63 Resp: 14085
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.6 2.0 5.8





#25

2-Butanone

Concen: 22.381 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion: 43 Resp: 15692

Ion Ratio Lower Upper

43 100

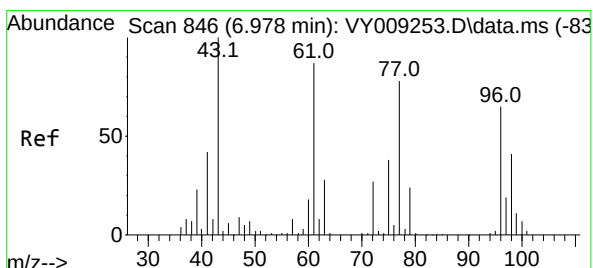
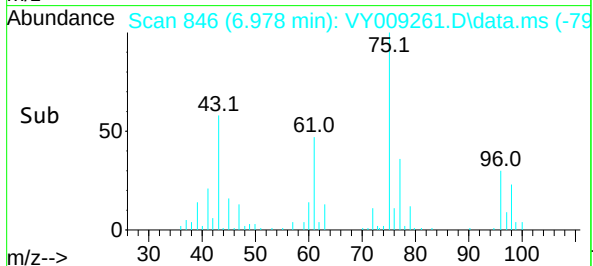
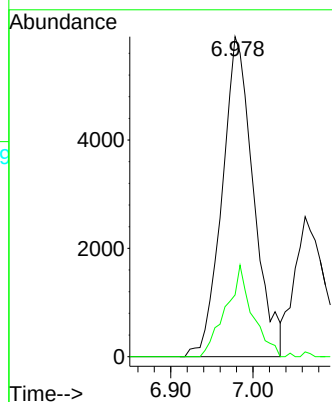
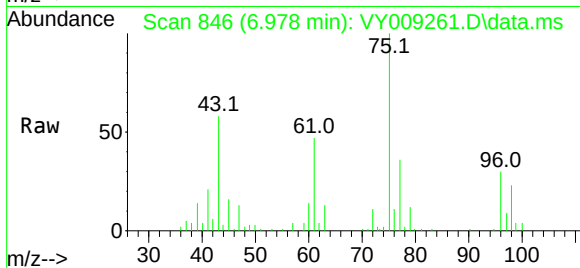
72 19.3 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#26

2,2-Dichloropropane

Concen: 4.187 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009261.D

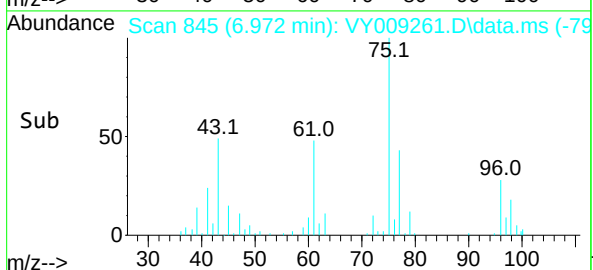
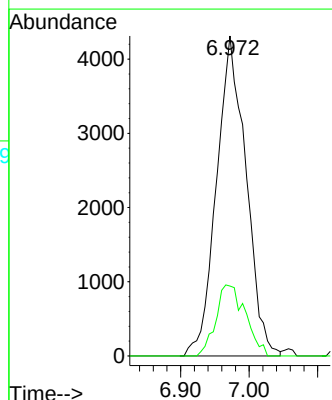
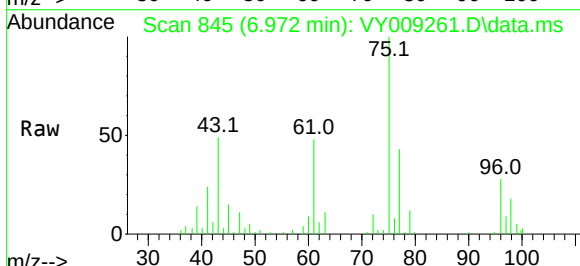
Acq: 21 Jun 2022 17:31

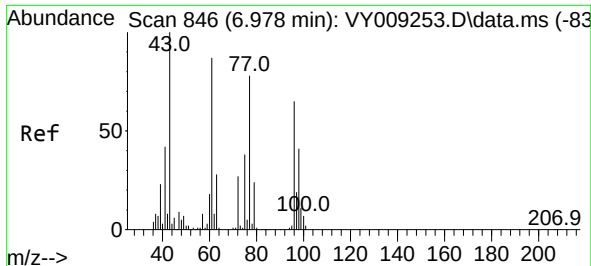
Tgt Ion: 77 Resp: 12895

Ion Ratio Lower Upper

77 100

97 22.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 4.029 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009261.D

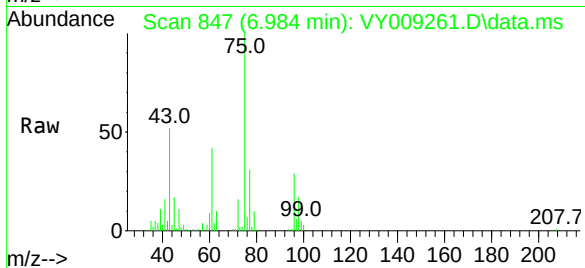
Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 4.0PPB

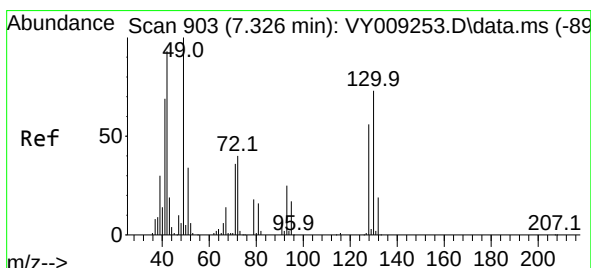
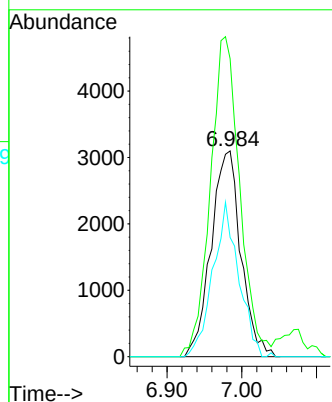
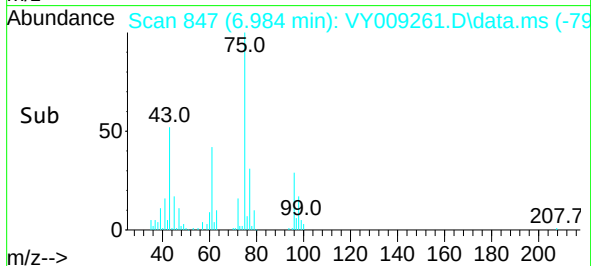


Tgt Ion:	96	Resp:	8580
Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	319.8
98	64.8	0.0	127.0

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 4.572 ug/l

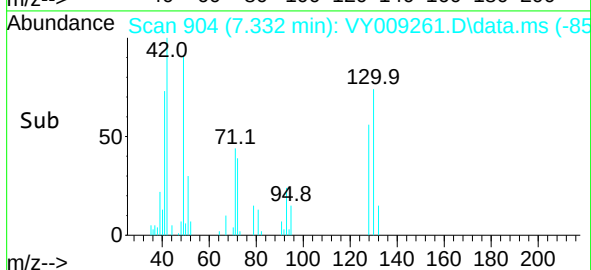
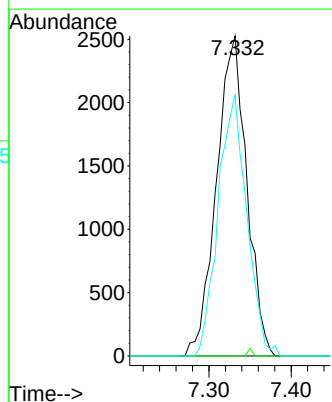
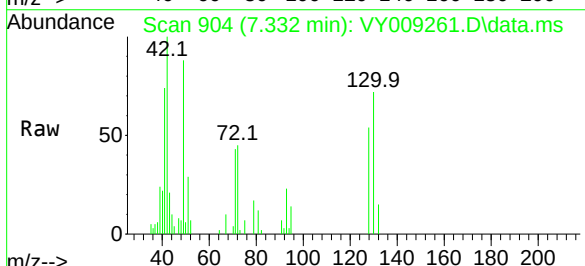
RT: 7.332 min Scan# 904

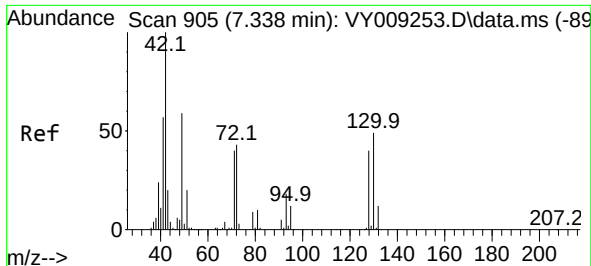
Delta R.T. 0.006 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

Tgt Ion:	49	Resp:	6463
Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	2.2
130	77.5	55.4	83.0





#29

Tetrahydrofuran

Concen: 21.657 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009261.D

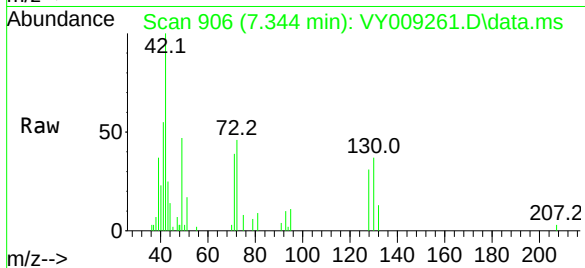
Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 4.0PPB

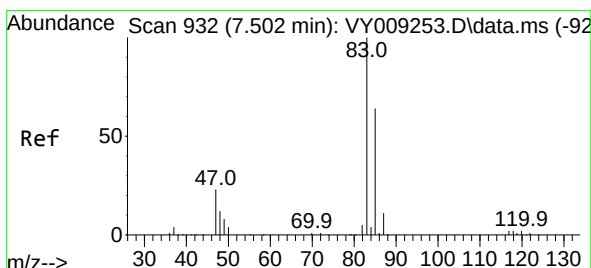
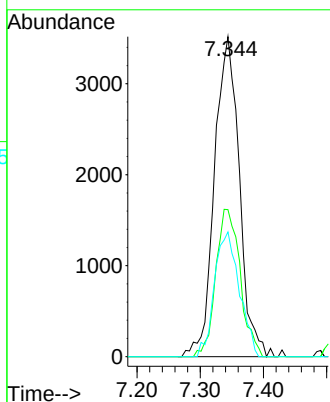


Tgt Ion:	42	Resp:	9610
Ion	Ratio	Lower	Upper
42	100		
72	45.0	30.3	45.5
71	38.8	29.0	43.4

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 4.249 ug/l

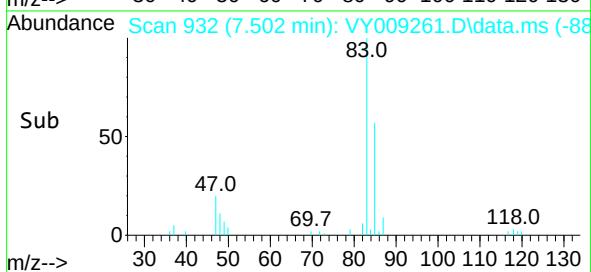
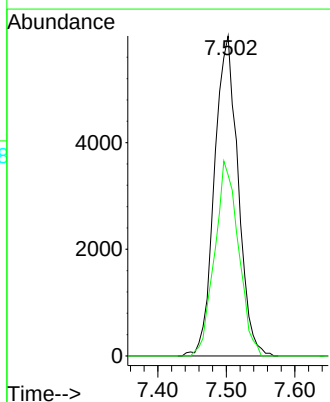
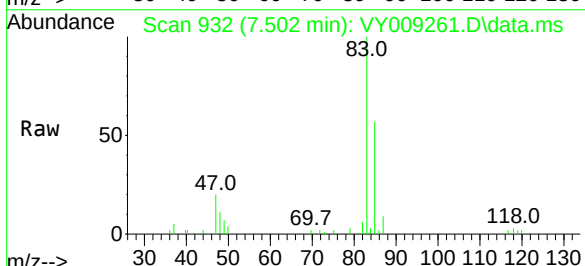
RT: 7.502 min Scan# 932

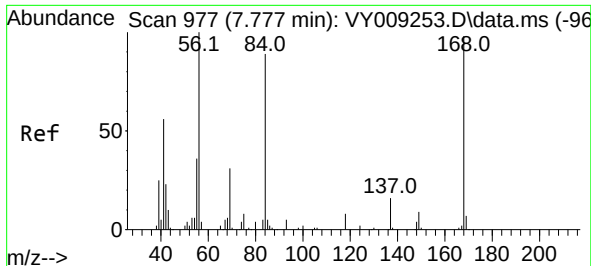
Delta R.T. 0.000 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

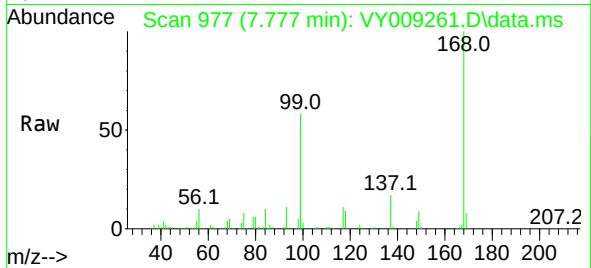
Tgt Ion:	83	Resp:	14330
Ion	Ratio	Lower	Upper
83	100		
85	56.6	51.8	77.6





#31
Cyclohexane
Concen: 4.837 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

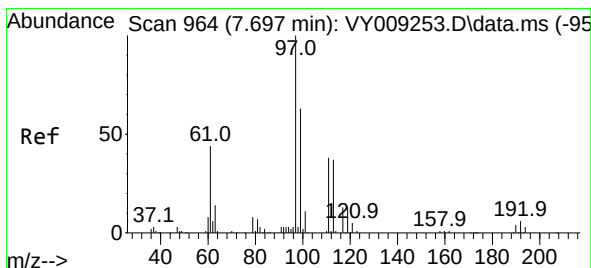
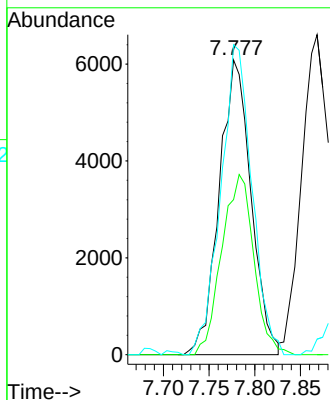
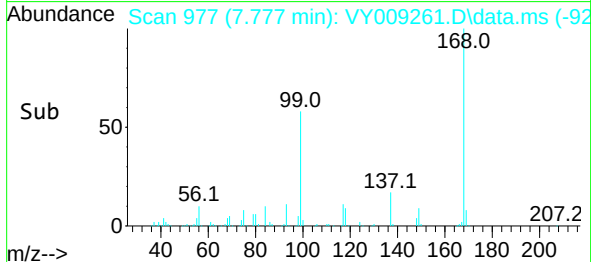
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



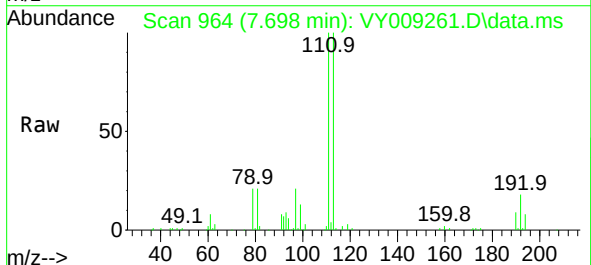
Tgt Ion: 56 Resp: 1475
Ion Ratio Lower Upper
56 100
69 52.6 26.7 40.1
84 104.3 67.2 100.8

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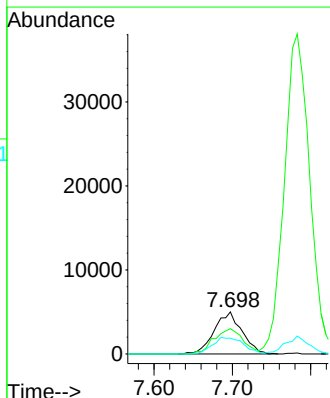
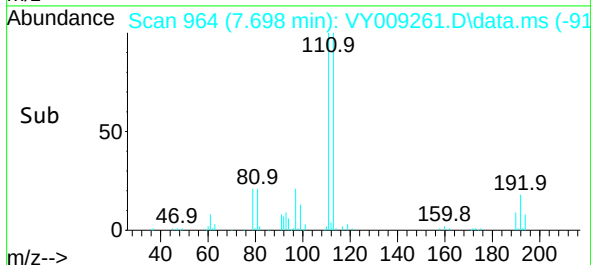
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

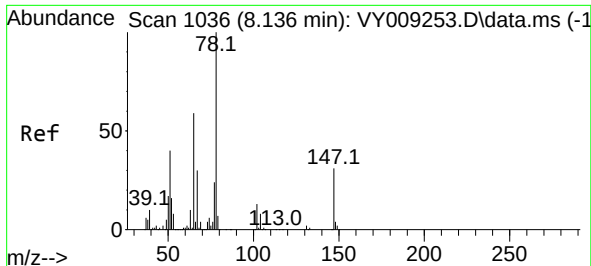


#32
1,1,1-Trichloroethane
Concen: 4.160 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



Tgt Ion: 97 Resp: 12249
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 43.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.256 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion: 65 Resp: 81280

Ion Ratio Lower Upper

65 100

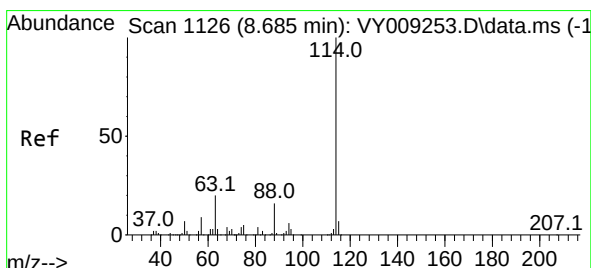
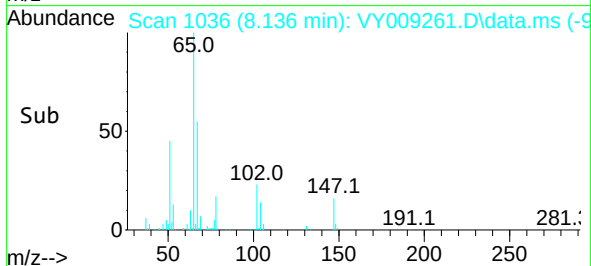
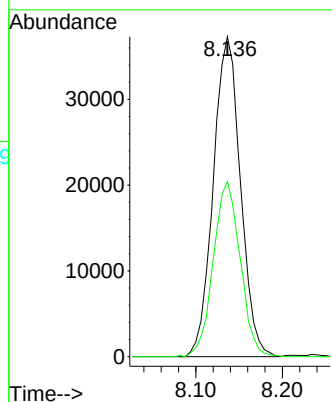
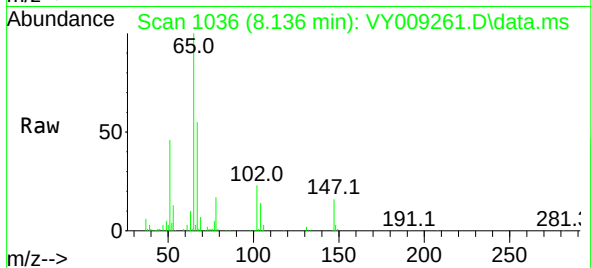
67 54.3 0.0 99.4

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: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

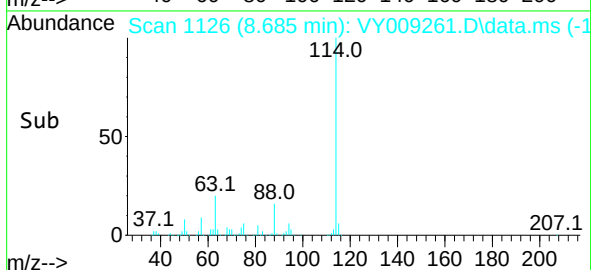
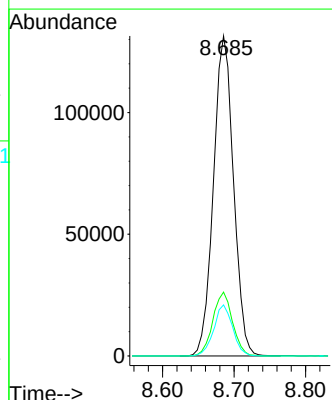
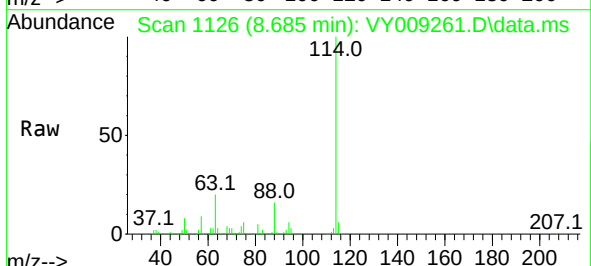
Tgt Ion:114 Resp: 256190

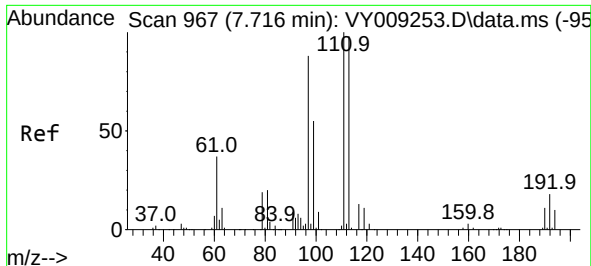
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

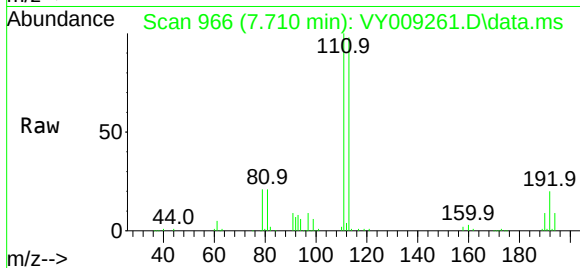
88 15.9 0.0 31.8





#35
Dibromofluoromethane
Concen: 47.886 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

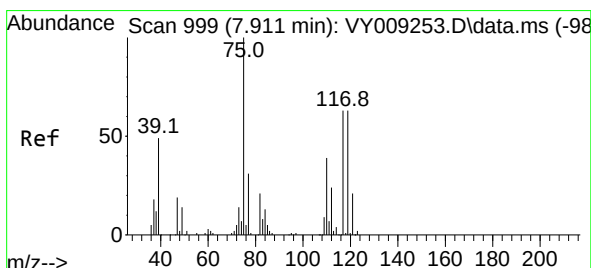
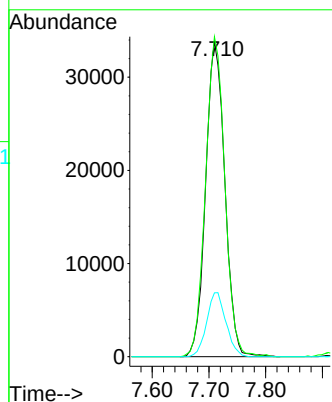
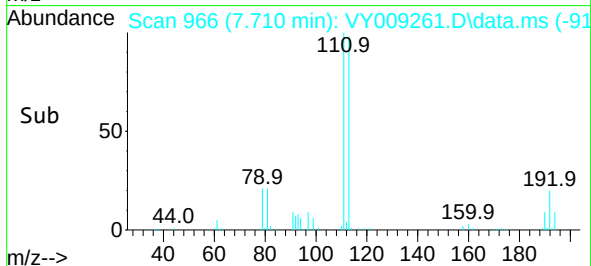
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion:113 Resp: 79449
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 20.4 17.6 26.4

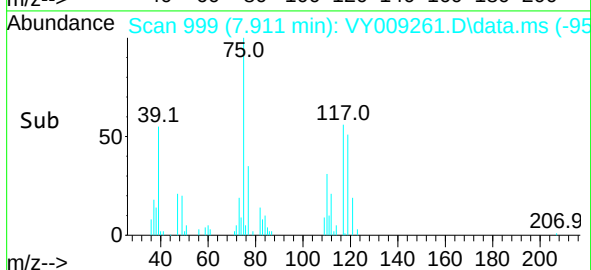
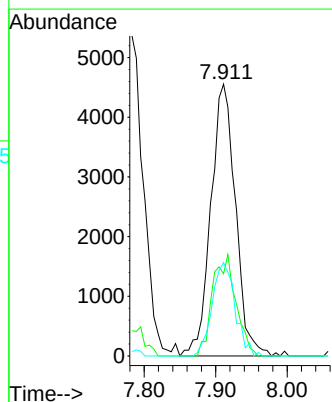
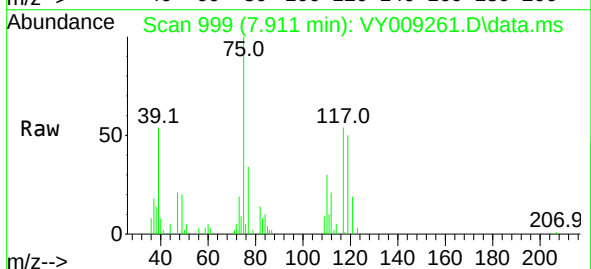
Manual Integrations
APPROVED

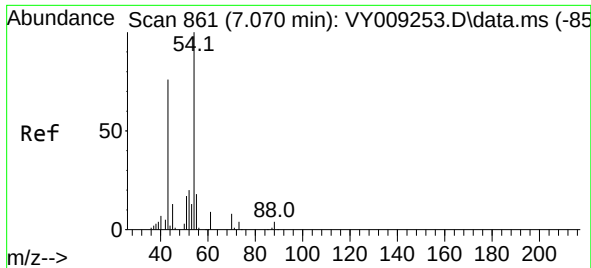
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#36
1,1-Dichloropropene
Concen: 4.334 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

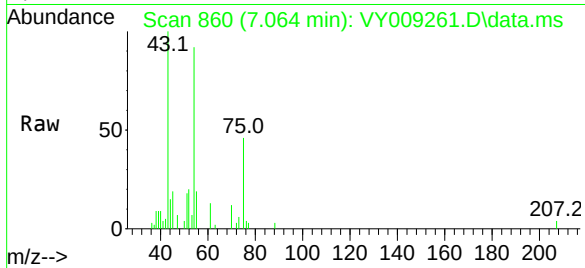
Tgt Ion: 75 Resp: 10943
Ion Ratio Lower Upper
75 100
110 35.2 17.1 51.2
77 32.0 24.4 36.6





#37
Ethyl Acetate
Concen: 4.617 ug/l
RT: 7.064 min Scan# 860
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

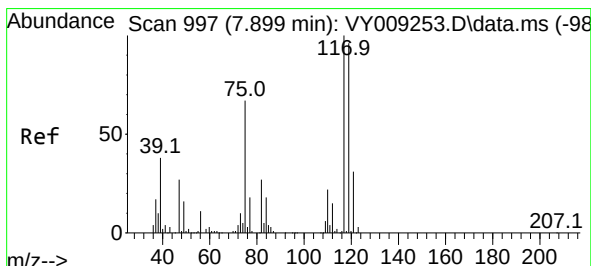
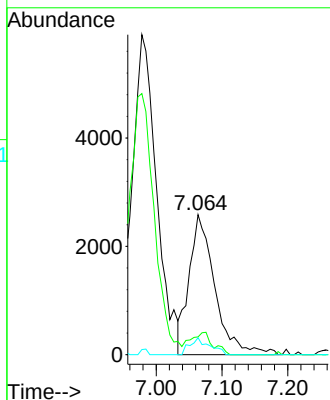
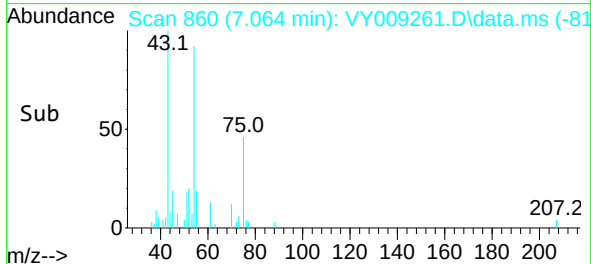
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion: 43 Resp: 7049
Ion Ratio Lower Upper
43 100
61 14.0 9.7 14.5
70 9.2 7.1 10.7

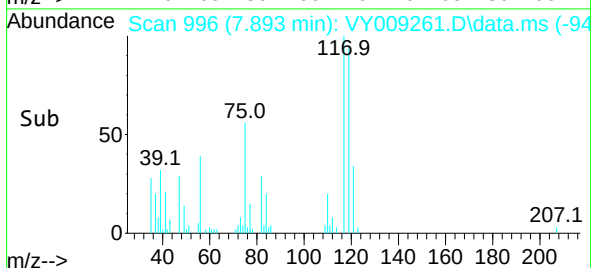
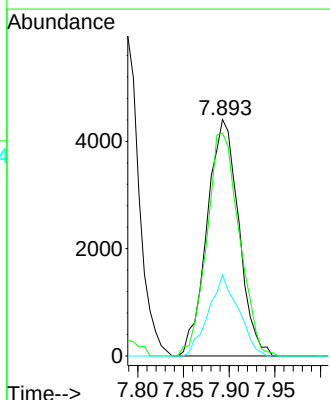
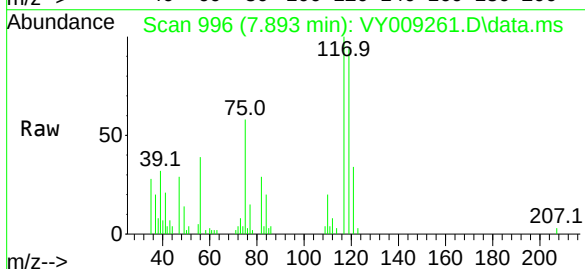
Manual Integrations
APPROVED

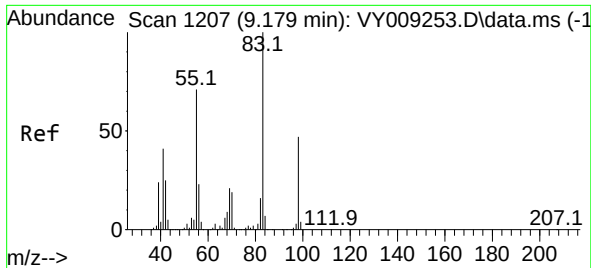
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#38
Carbon Tetrachloride
Concen: 4.042 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

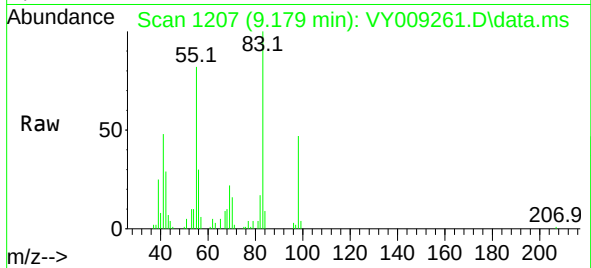
Tgt Ion:117 Resp: 10612
Ion Ratio Lower Upper
117 100
119 94.3 77.9 116.9
121 34.3 24.8 37.2





#39
Methylcyclohexane
Concen: 3.934 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

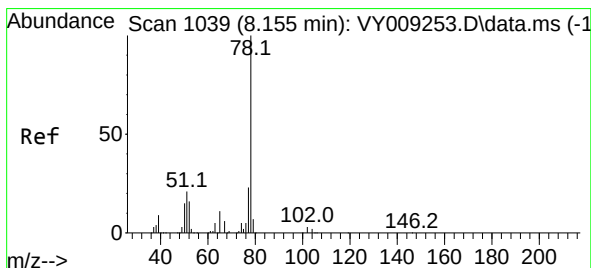
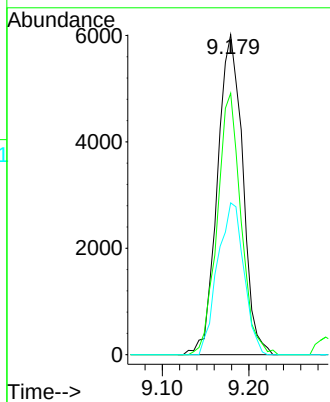
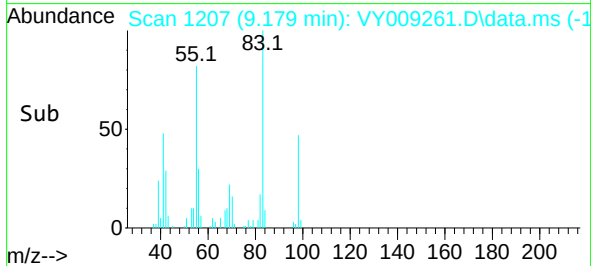
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion: 83 Resp: 1218
Ion Ratio Lower Upper
83 100
55 81.7 66.5 99.7
98 47.4 37.9 56.9

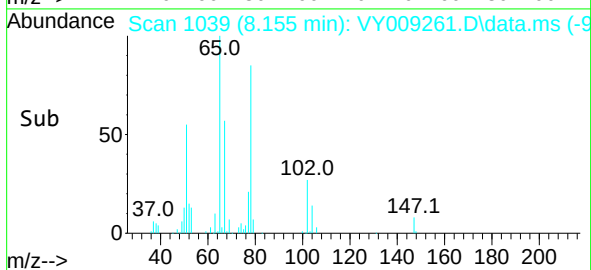
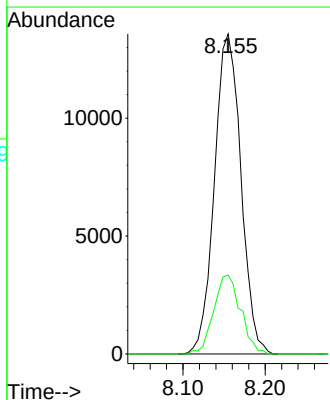
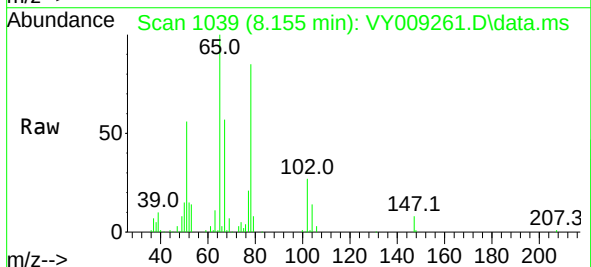
Manual Integrations
APPROVED

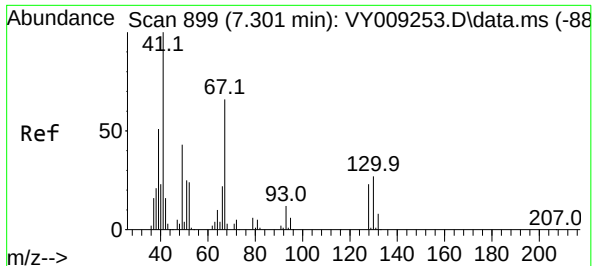
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#40
Benzene
Concen: 4.063 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

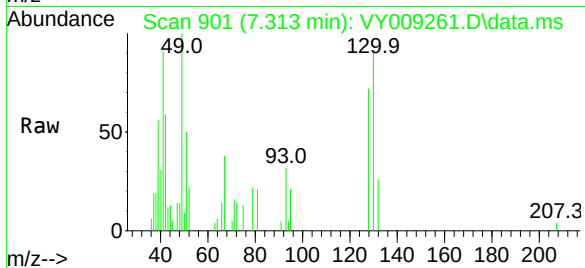
Tgt Ion: 78 Resp: 30349
Ion Ratio Lower Upper
78 100
77 24.7 20.4 30.6





#41
Methacrylonitrile
Concen: 4.261 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

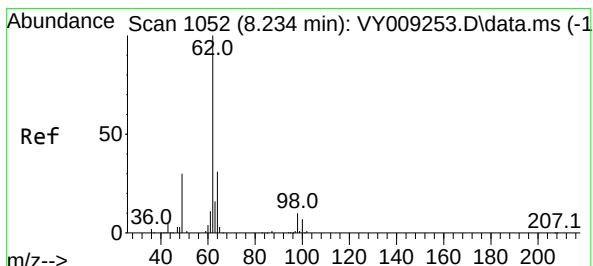
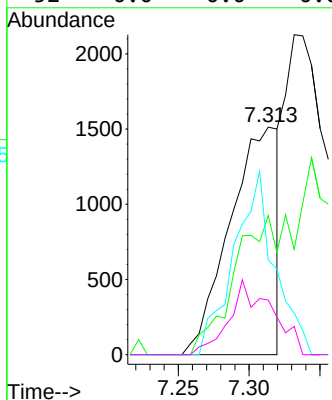
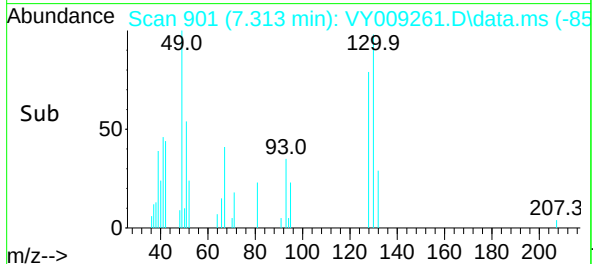
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion: 41 Resp: 360
Ion Ratio Lower Upper
41 100
39 59.5 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

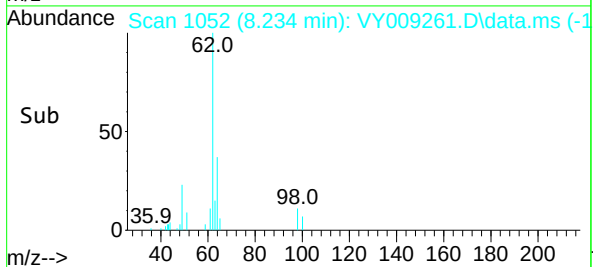
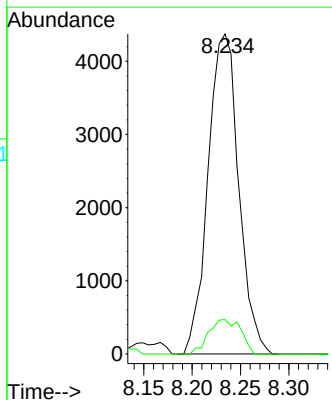
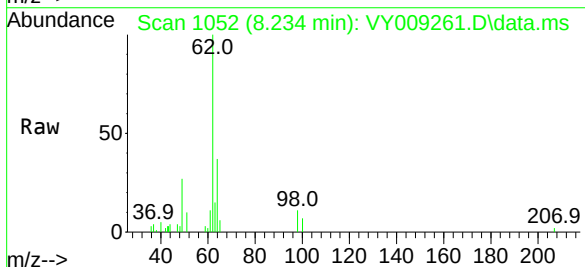
Manual Integrations
APPROVED

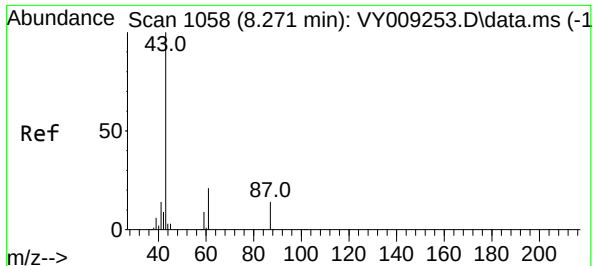
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#42
1,2-Dichloroethane
Concen: 4.490 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

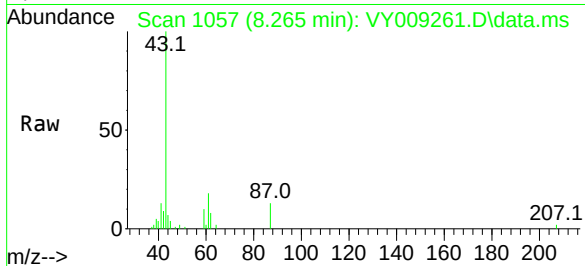
Tgt Ion: 62 Resp: 9625
Ion Ratio Lower Upper
62 100
98 11.3 0.0 14.8





#43
Isopropyl Acetate
Concen: 4.119 ug/l
RT: 8.265 min Scan# 11524
Delta R.T. -0.007 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

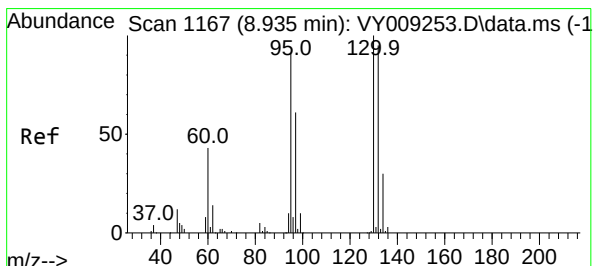
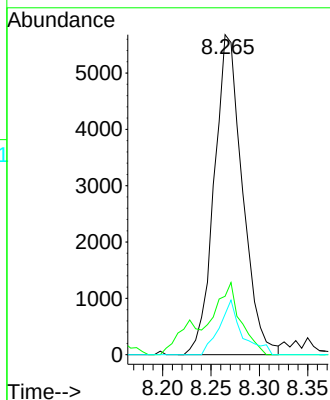
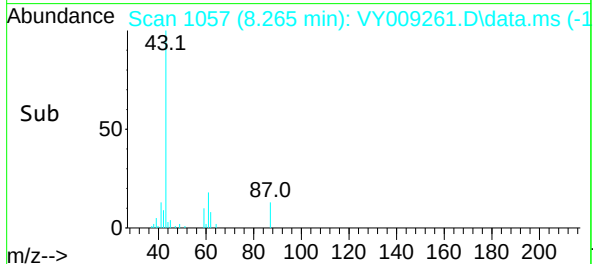
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion: 43 Resp: 11524
Ion Ratio Lower Upper
43 100
61 20.5 20.2 30.2
87 13.6 8.9 13.3

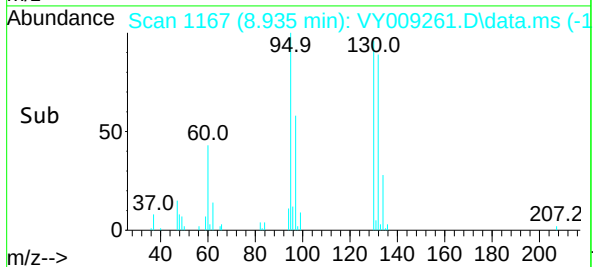
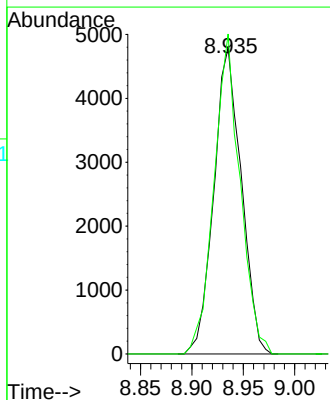
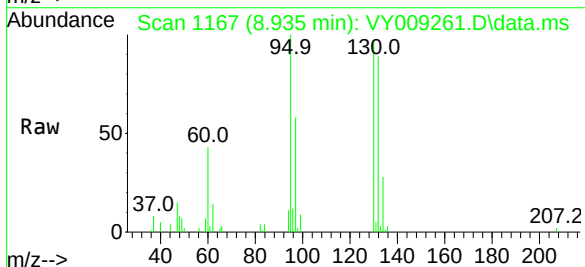
Manual Integrations
APPROVED

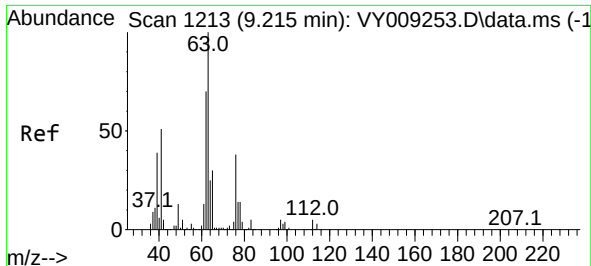
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#44
Trichloroethene
Concen: 4.234 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:130 Resp: 8906
Ion Ratio Lower Upper
130 100
95 104.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.133 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

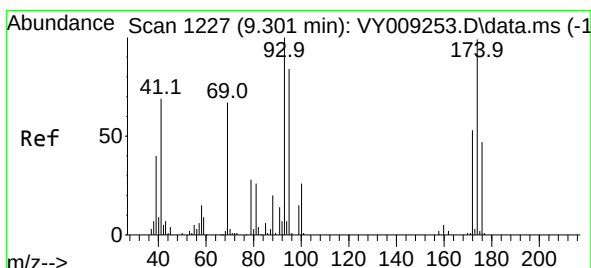
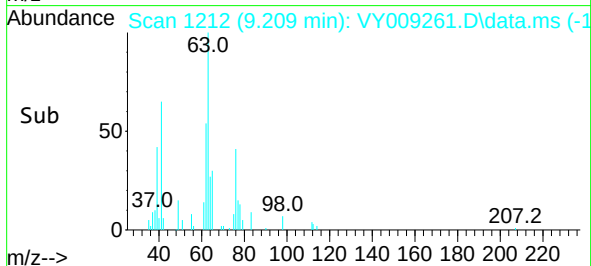
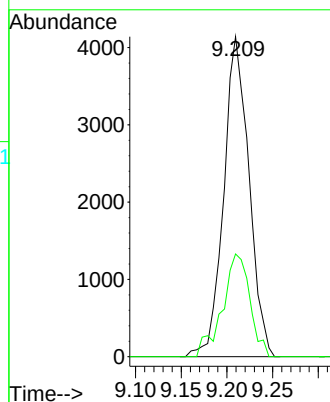
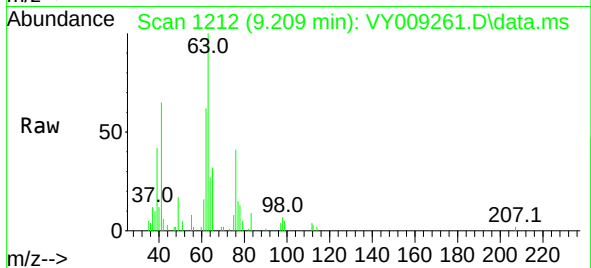
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion: 63 Resp: 7954
 Ion Ratio Lower Upper
 63 100
 65 32.1 23.0 34.6

Manual Integrations

APPROVED

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



#46

Dibromomethane

Concen: 4.166 ug/l

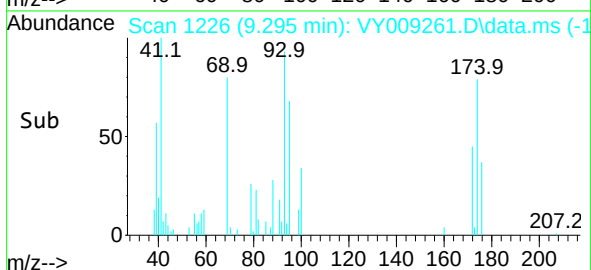
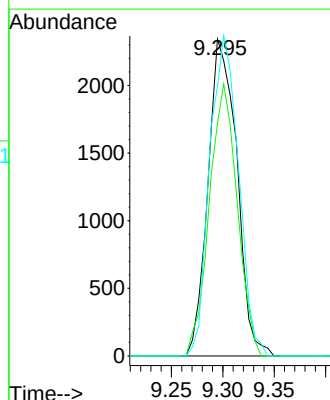
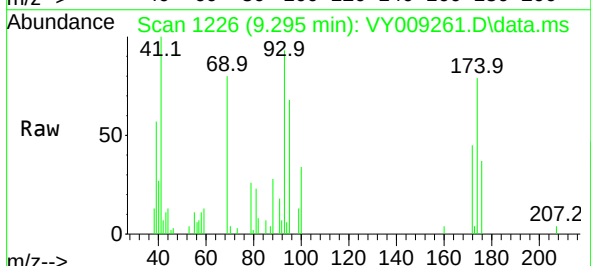
RT: 9.295 min Scan# 1226

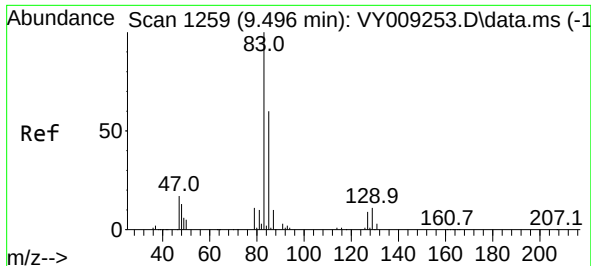
Delta R.T. -0.006 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

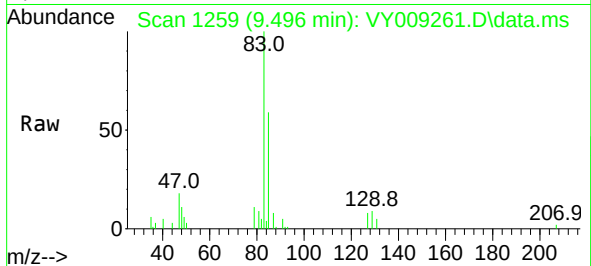
Tgt Ion: 93 Resp: 4559
 Ion Ratio Lower Upper
 93 100
 95 83.1 64.3 96.5
 174 101.1 83.4 125.0





#47
Bromodichloromethane
Concen: 4.078 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

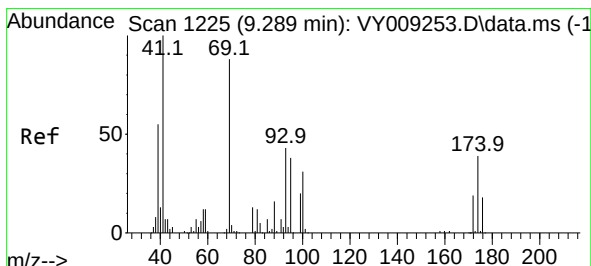
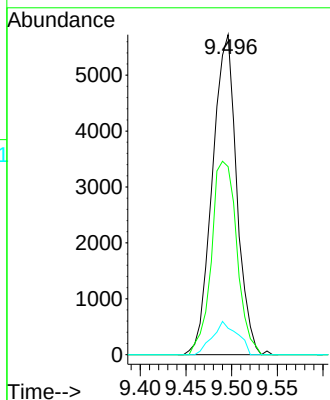
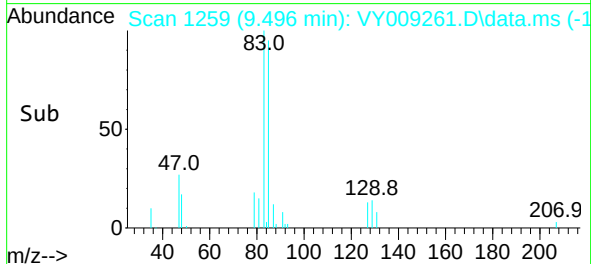
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion: 83 Resp: 1059
Ion Ratio Lower Upper
83 100
85 58.7 51.9 77.9
127 8.2 6.6 10.0

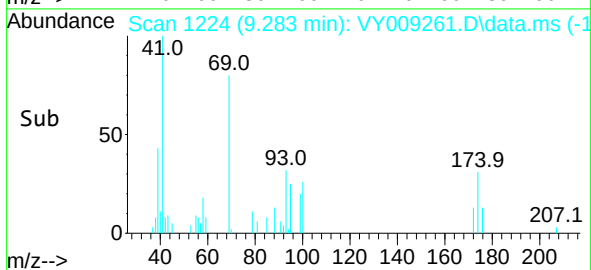
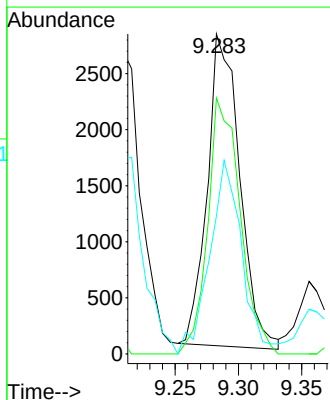
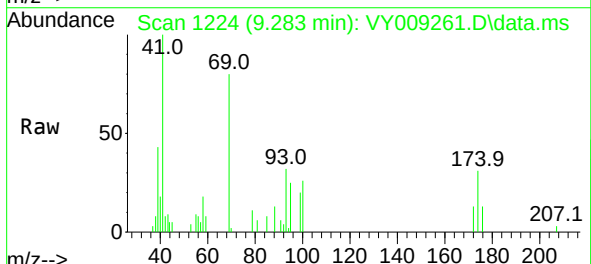
Manual Integrations
APPROVED

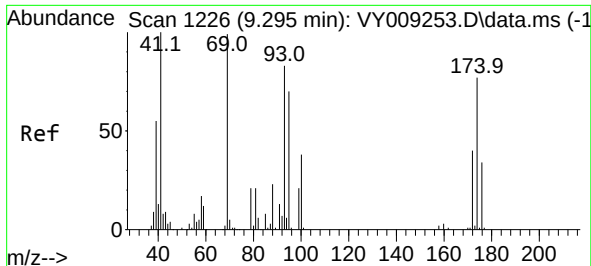
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#48
Methyl methacrylate
Concen: 4.041 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

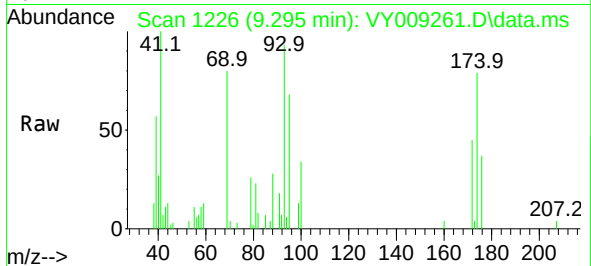
Tgt Ion: 41 Resp: 4956
Ion Ratio Lower Upper
41 100
69 82.0 58.2 87.2
39 61.3 47.4 71.0





#49
1,4-Dioxane
Concen: 89.537 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

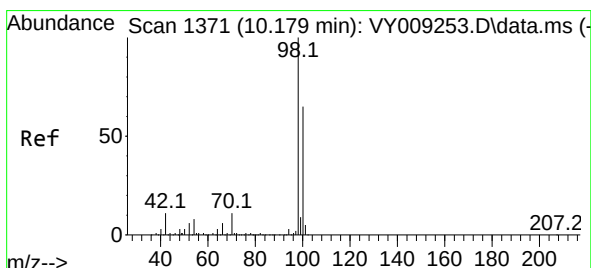
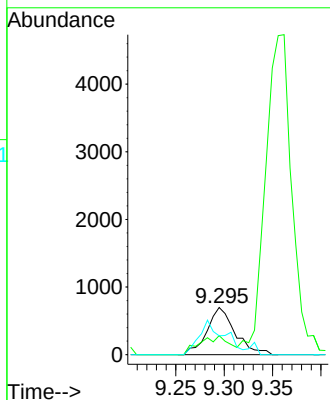
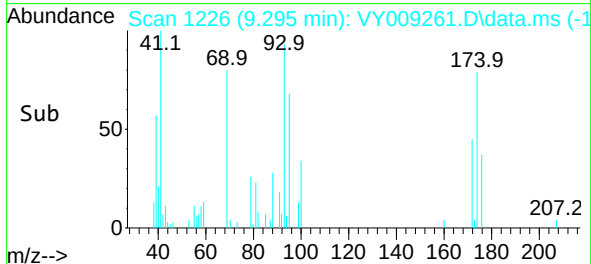
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion: 88 Resp: 1408
Ion Ratio Lower Upper
88 100
43 42.3 32.8 49.2
58 65.9 59.8 89.6

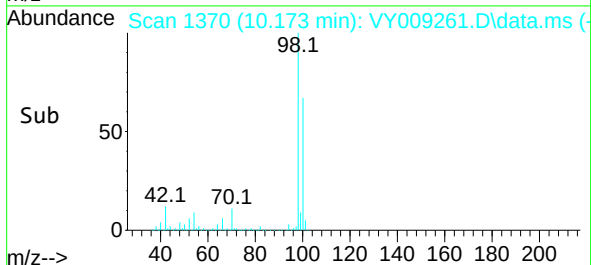
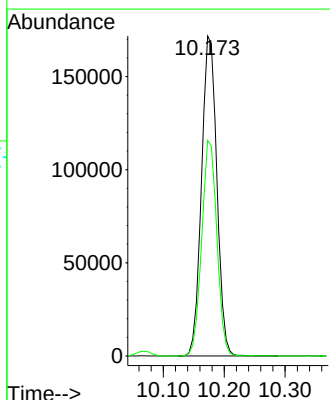
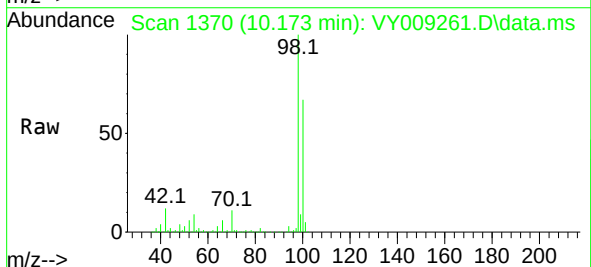
Manual Integrations
APPROVED

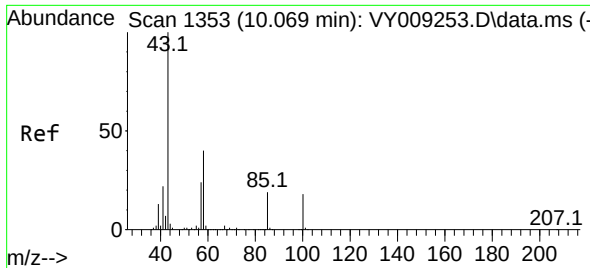
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#50
Toluene-d8
Concen: 47.089 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

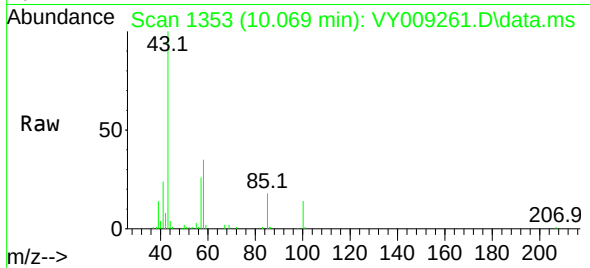
Tgt Ion: 98 Resp: 300122
Ion Ratio Lower Upper
98 100
100 66.6 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 21.511 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

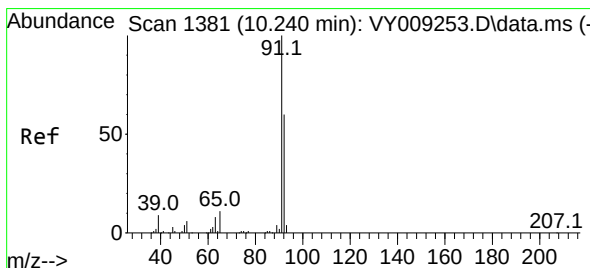
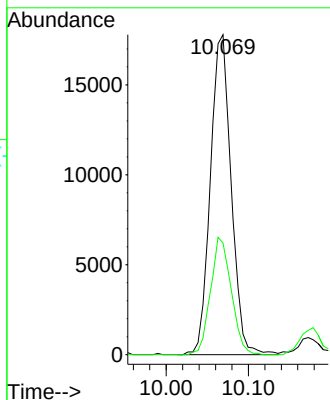
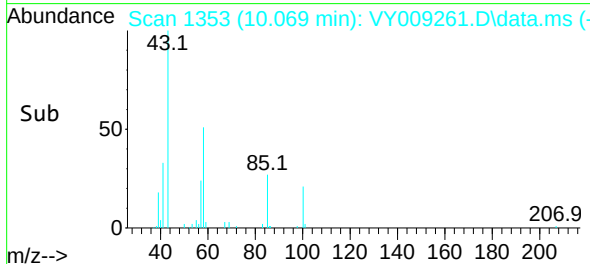
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



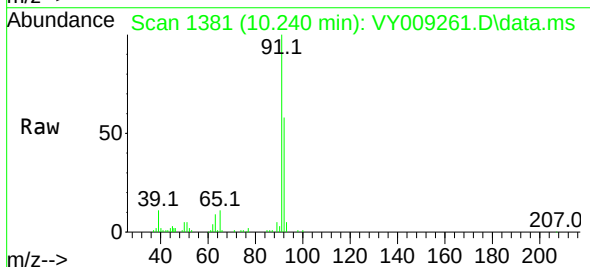
Tgt Ion: 43 Resp: 3130
Ion Ratio Lower Upper
43 100
58 36.5 28.1 42.1

Manual Integrations
APPROVED

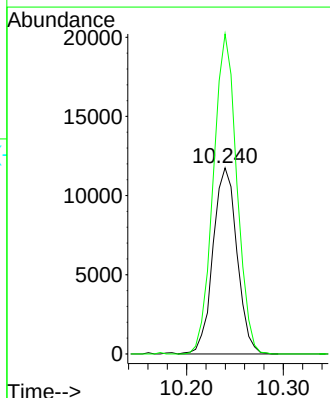
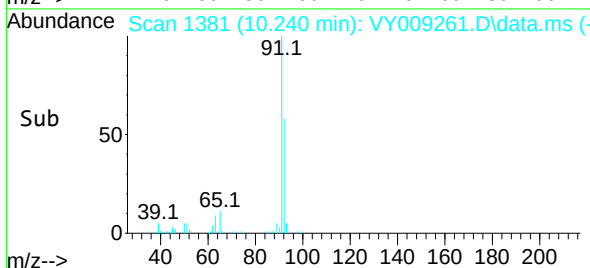
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

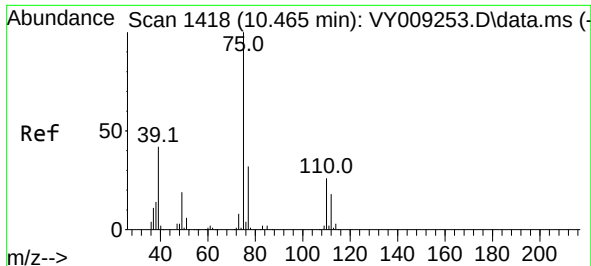


#52
Toluene
Concen: 4.286 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



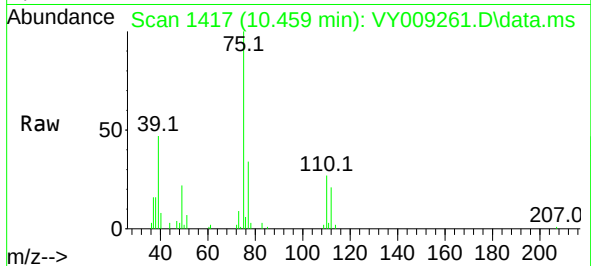
Tgt Ion: 92 Resp: 20239
Ion Ratio Lower Upper
92 100
91 168.4 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 3.950 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

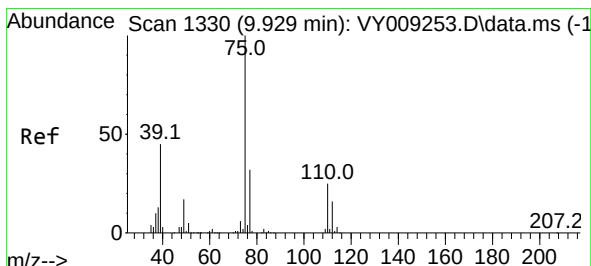
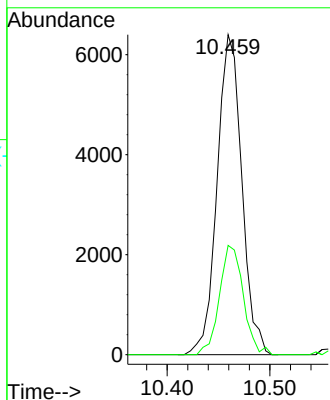
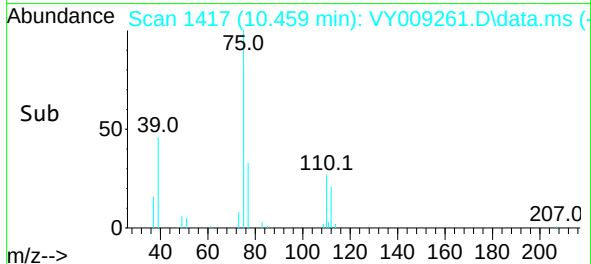
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB



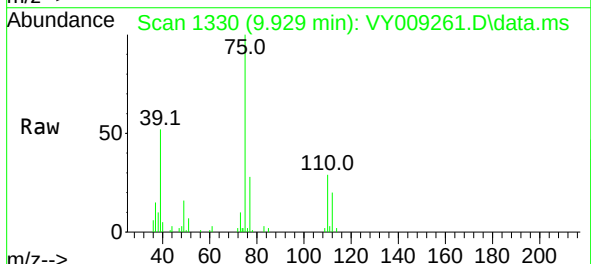
Tgt Ion: 75 Resp: 1067
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.2

Manual Integrations
APPROVED

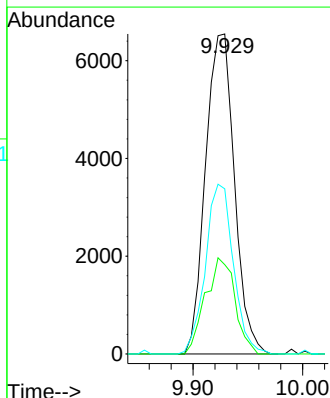
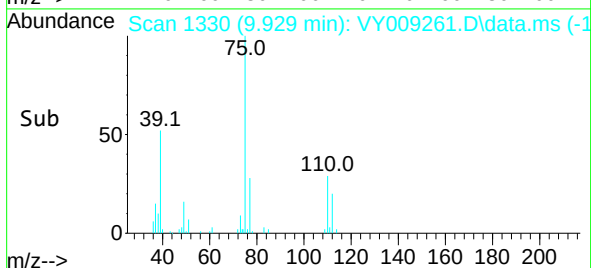
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

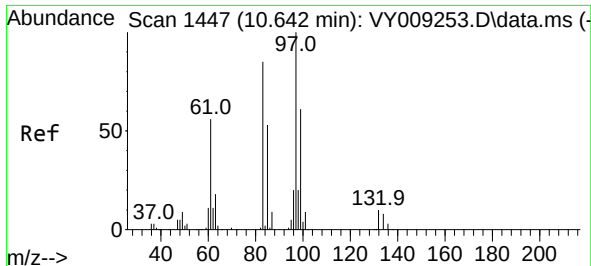


#54
cis-1,3-Dichloropropene
Concen: 3.907 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



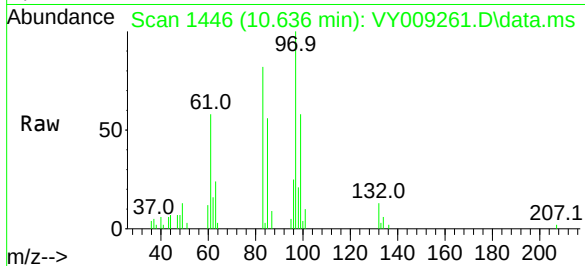
Tgt Ion: 75 Resp: 12016
Ion Ratio Lower Upper
75 100
77 27.9 25.6 38.4
39 51.6 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 4.036 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

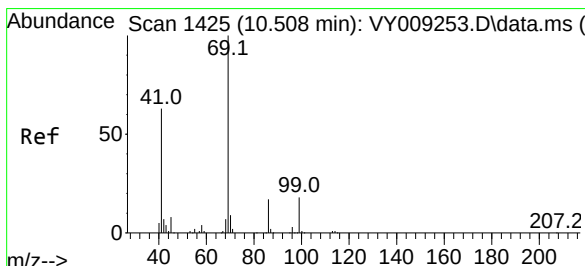
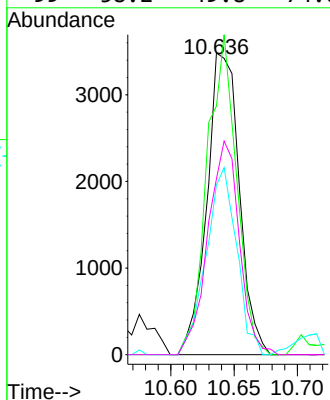
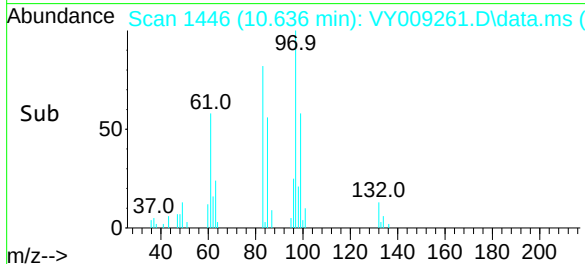
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB



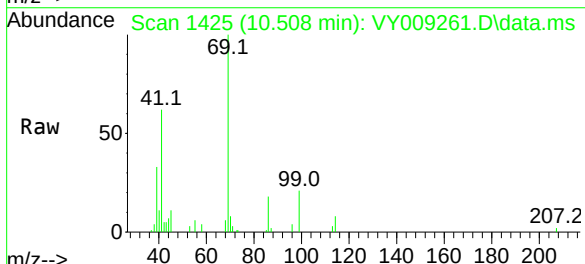
Tgt Ion: 97	Resp: 6200
Ion Ratio	Lower Upper
97 100	
83 82.4	69.8 104.8
85 56.2	44.3 66.5
99 58.2	49.8 74.6

Manual Integrations
APPROVED

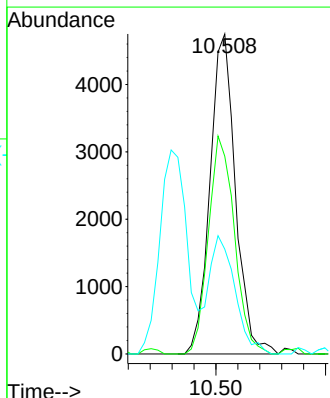
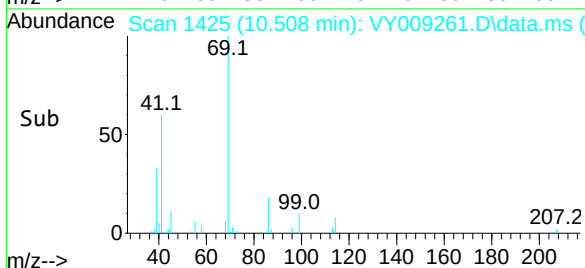
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

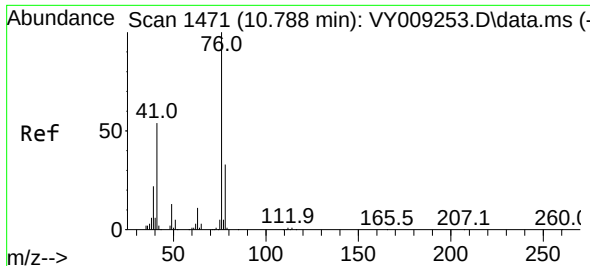


#56
Ethyl methacrylate
Concen: 3.773 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



Tgt Ion: 69	Resp: 7667
Ion Ratio	Lower Upper
69 100	
41 69.7	63.4 95.0
39 38.4	35.8 53.8





#57

1,3-Dichloropropane

Concen: 4.172 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion: 76 Resp: 1096

Ion Ratio Lower Upper

76 100

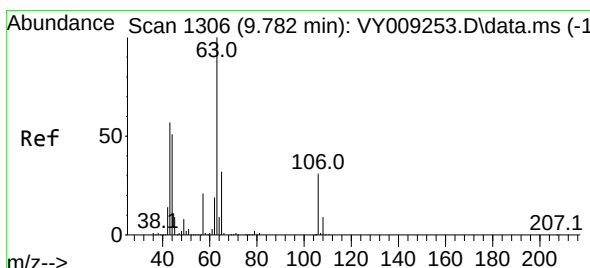
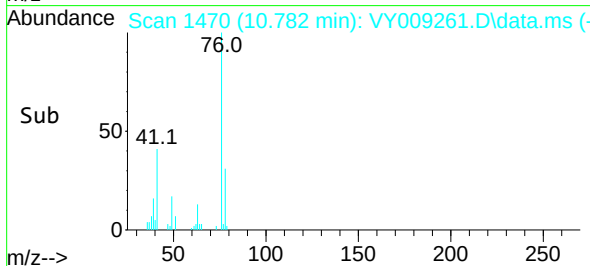
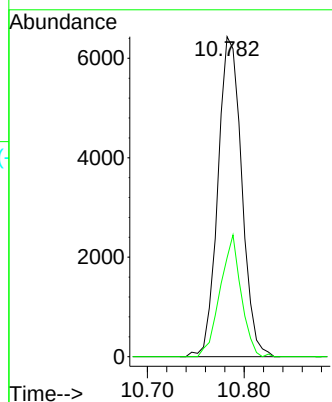
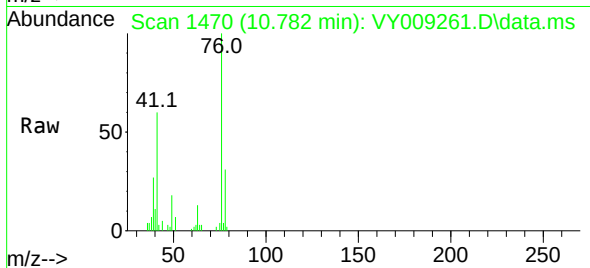
78 33.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 23.678 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY009261.D

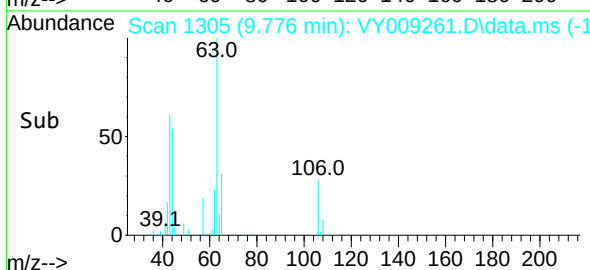
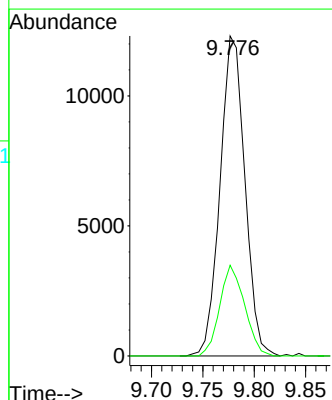
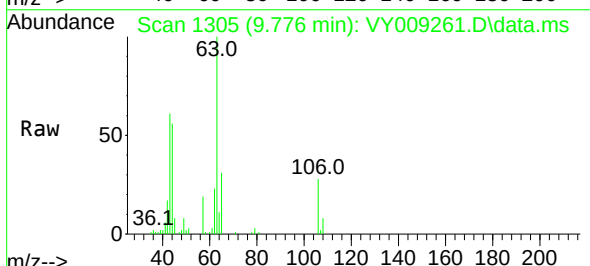
Acq: 21 Jun 2022 17:31

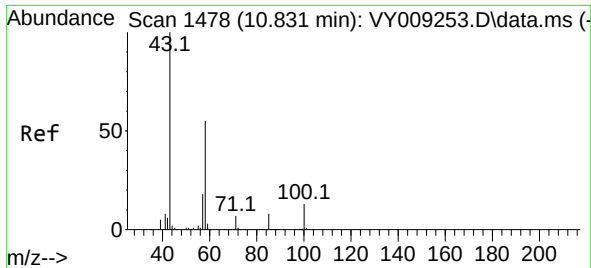
Tgt Ion: 63 Resp: 20640

Ion Ratio Lower Upper

63 100

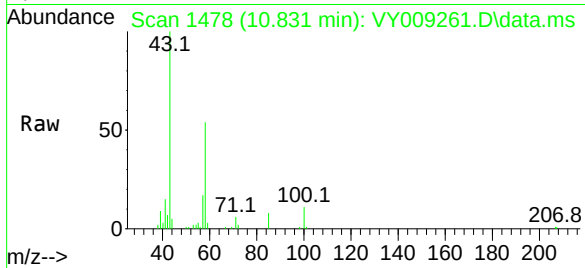
106 28.4 21.5 32.3





#59
2-Hexanone
Concen: 20.712 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

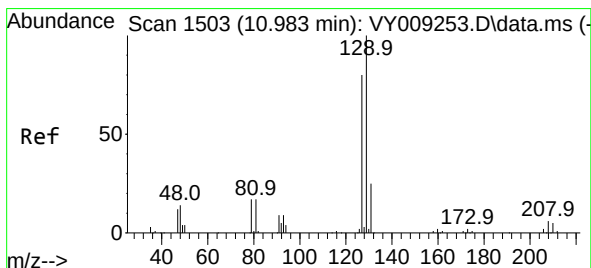
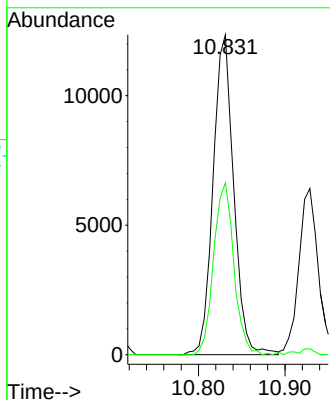
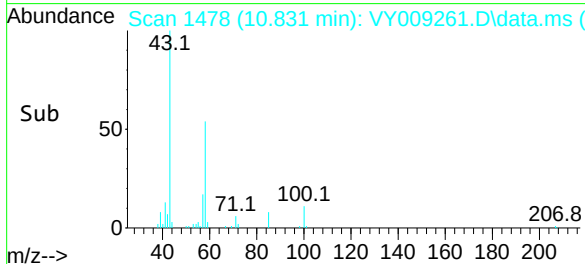
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion: 43 Resp: 20399
Ion Ratio Lower Upper
43 100
58 52.7 24.4 73.4

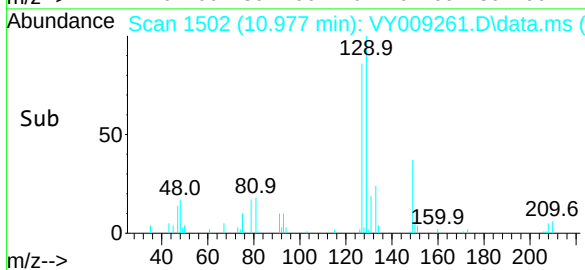
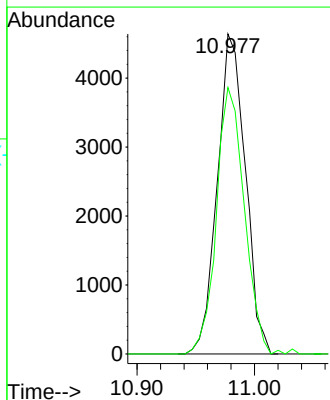
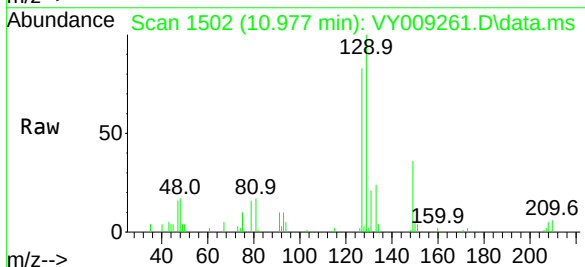
Manual Integrations
APPROVED

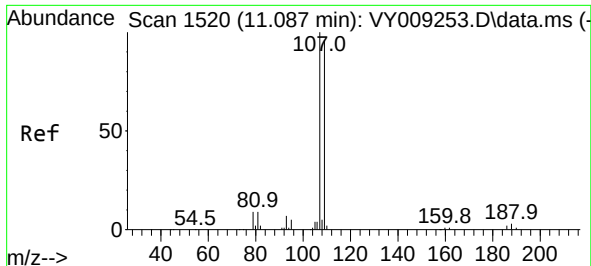
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#60
Dibromochloromethane
Concen: 4.105 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

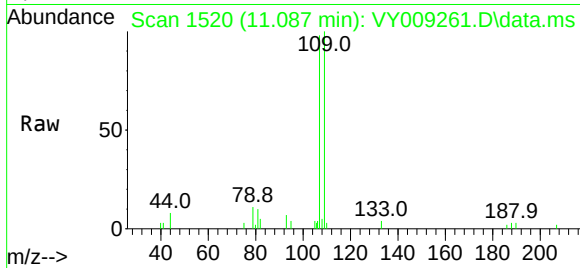
Tgt Ion:129 Resp: 7690
Ion Ratio Lower Upper
129 100
127 83.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 3.910 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

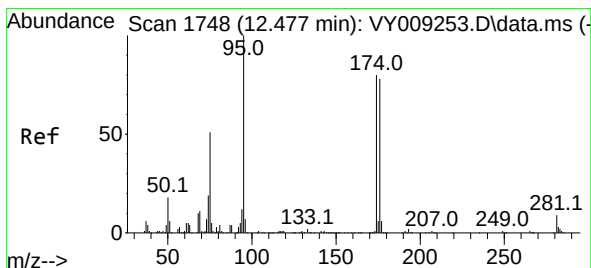
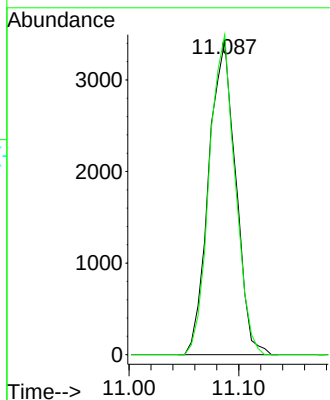
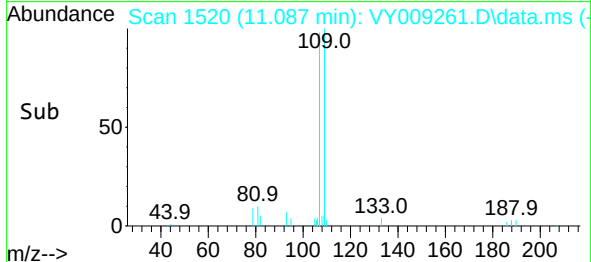
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



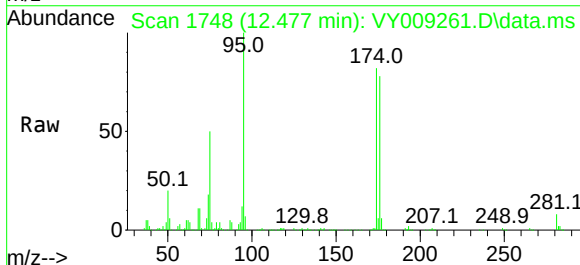
Tgt Ion:107 Resp: 5850
Ion Ratio Lower Upper
107 100
109 97.7 75.4 113.2

Manual Integrations
APPROVED

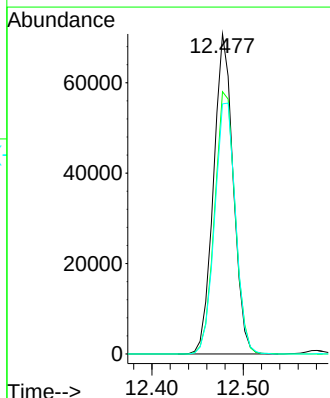
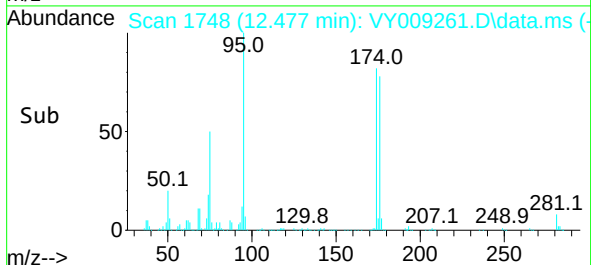
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

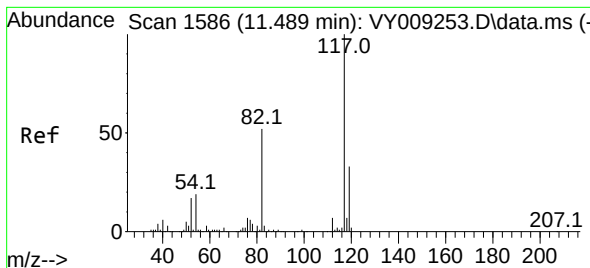


#62
4-Bromofluorobenzene
Concen: 47.365 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



Tgt Ion: 95 Resp: 106080
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 83.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009261.D

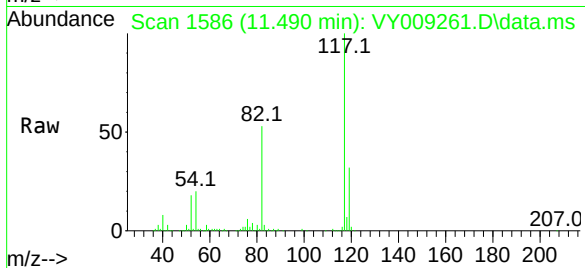
Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 4.0PPB

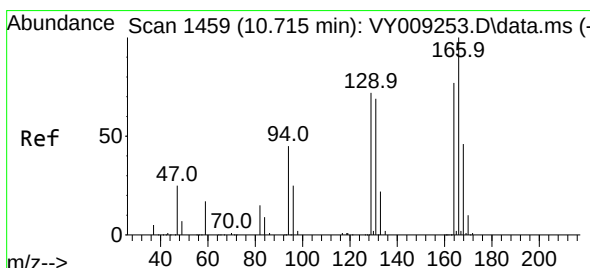
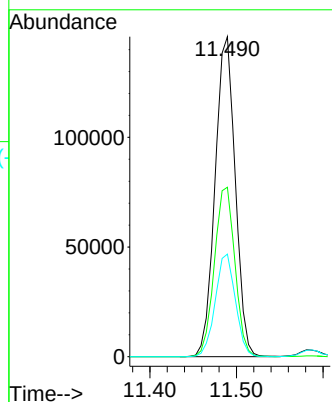
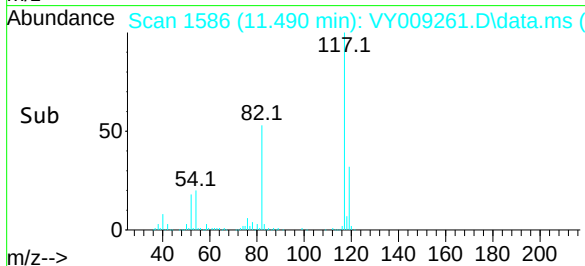


Tgt Ion:	117	Resp:	23614
Ion Ratio	Lower	Upper	
117	100		
82	52.9	43.0	64.4
119	32.0	25.4	38.0

Manual Integrations

APPROVED

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



#64

Tetrachloroethene

Concen: 4.235 ug/l

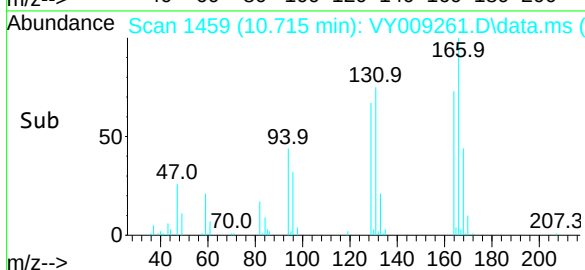
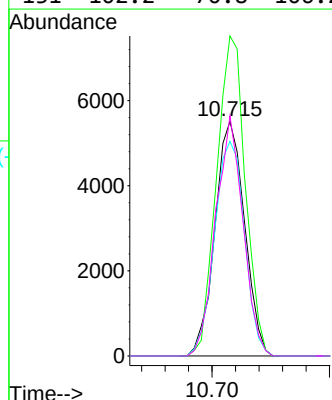
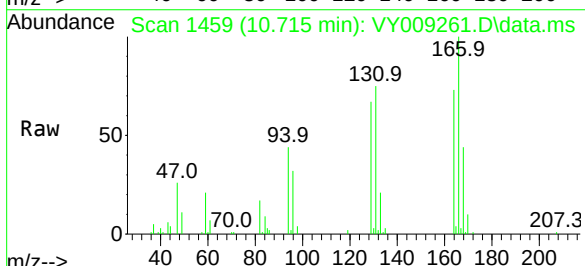
RT: 10.715 min Scan# 1459

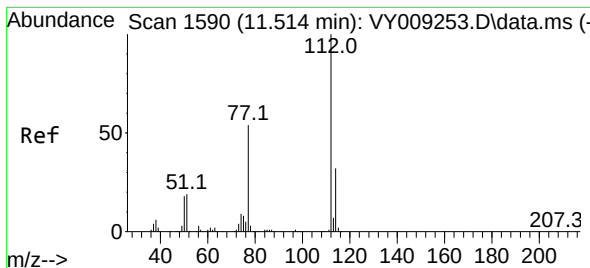
Delta R.T. 0.000 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

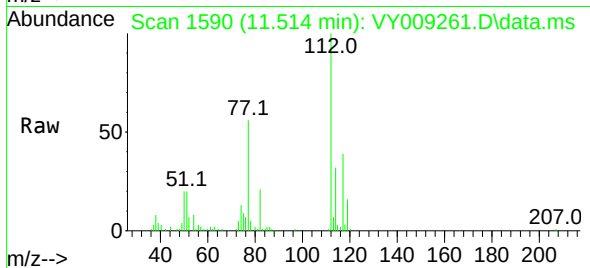
Tgt Ion:	164	Resp:	9648
Ion Ratio	Lower	Upper	
164	100		
166	136.4	100.4	150.6
129	91.4	71.4	107.0
131	102.2	70.8	106.2





#65
Chlorobenzene
Concen: 4.236 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

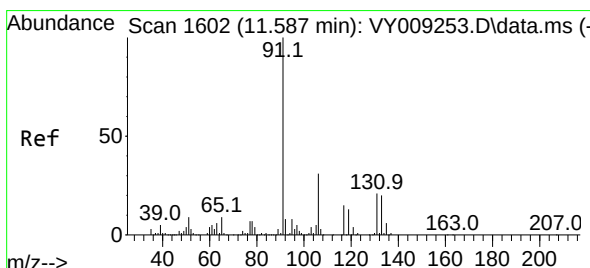
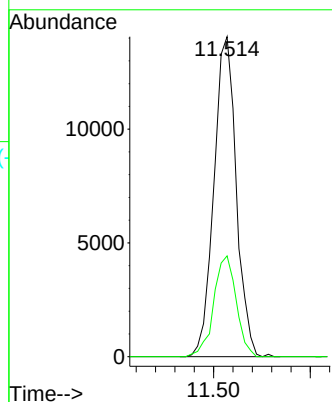
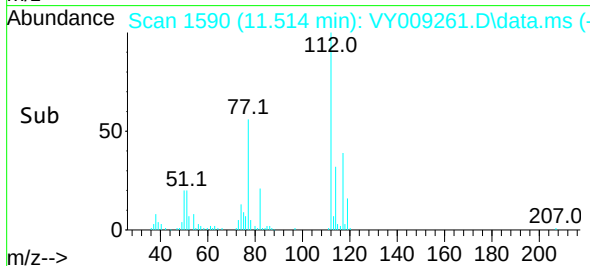
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



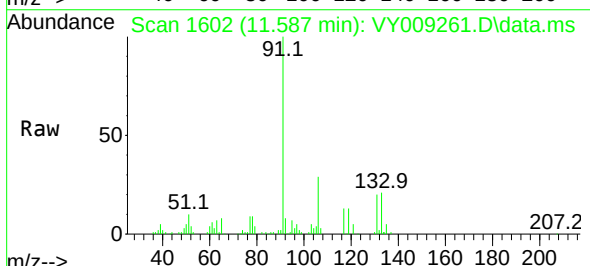
Tgt Ion:112 Resp: 22530
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

Manual Integrations
APPROVED

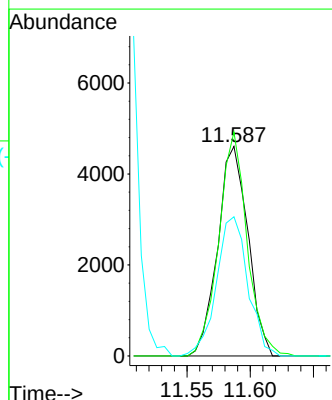
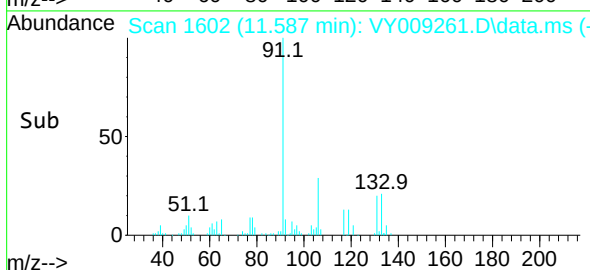
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

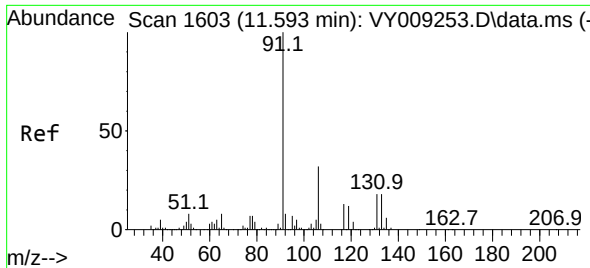


#66
1,1,1,2-Tetrachloroethane
Concen: 3.941 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



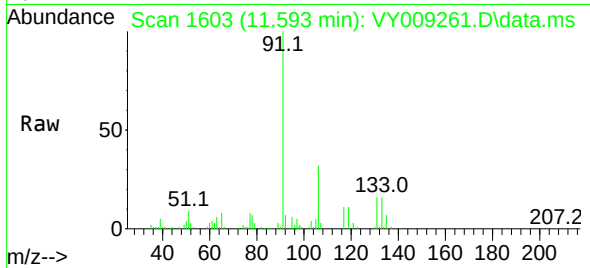
Tgt Ion:131 Resp: 7666
Ion Ratio Lower Upper
131 100
133 100.3 47.9 143.6
119 68.9 30.8 92.3





#67
Ethyl Benzene
Concen: 4.129 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

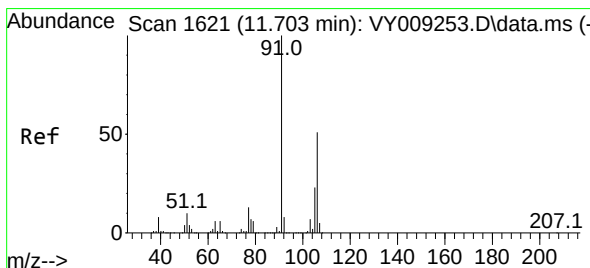
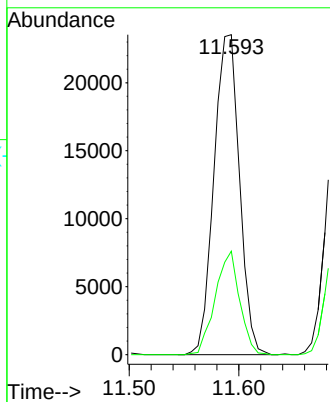
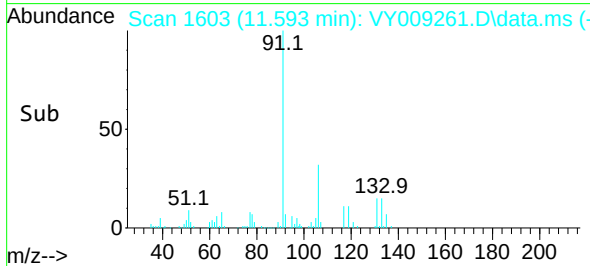
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



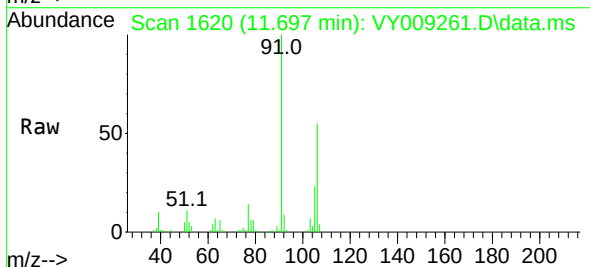
Tgt Ion: 91 Resp: 3806
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7

Manual Integrations
APPROVED

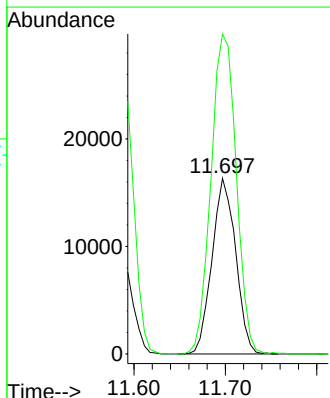
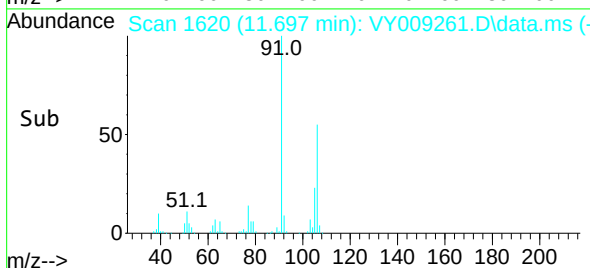
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

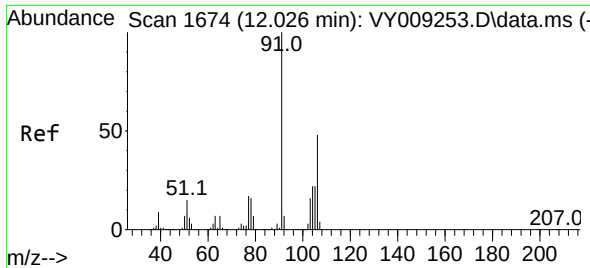


#68
m/p-Xylenes
Concen: 8.113 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



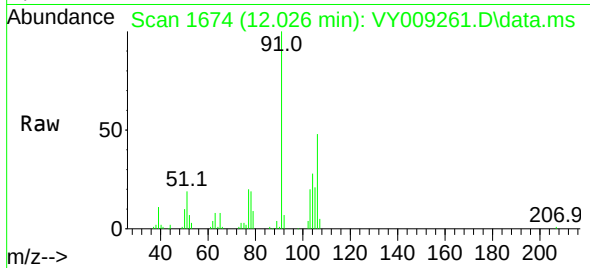
Tgt Ion:106 Resp: 29352
Ion Ratio Lower Upper
106 100
91 195.1 166.6 249.8





#69
o-Xylene
Concen: 3.939 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

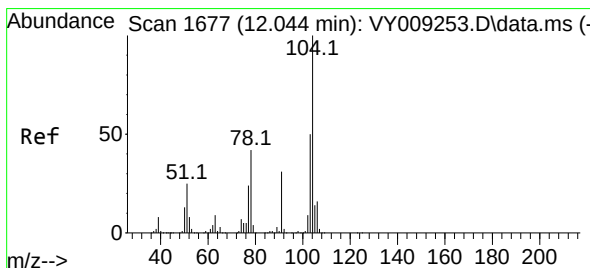
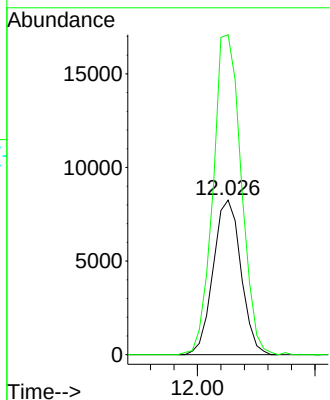
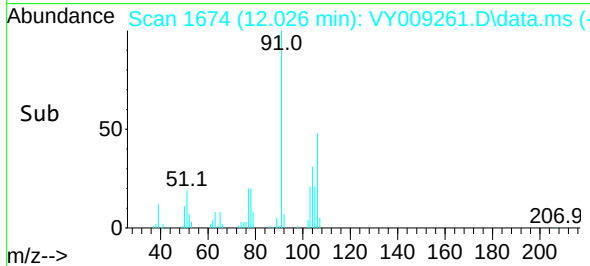
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion:106 Resp: 1355
Ion Ratio Lower Upper
106 100
91 210.0 110.3 331.0

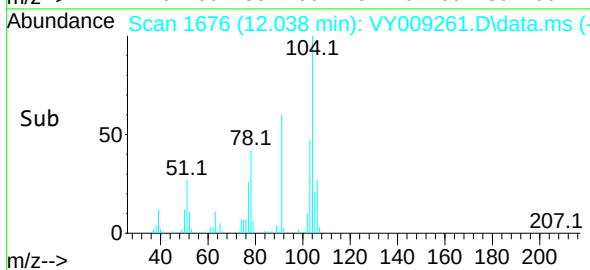
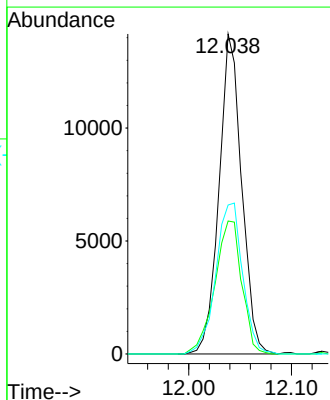
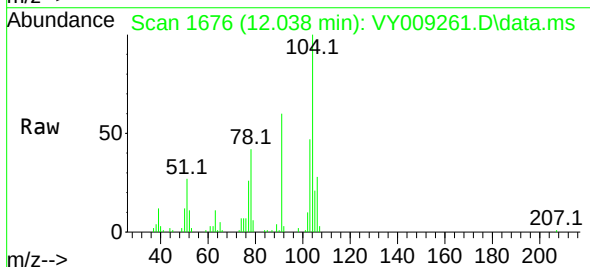
Manual Integrations
APPROVED

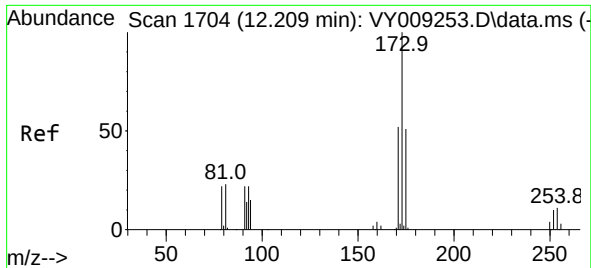
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#70
Styrene
Concen: 3.787 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

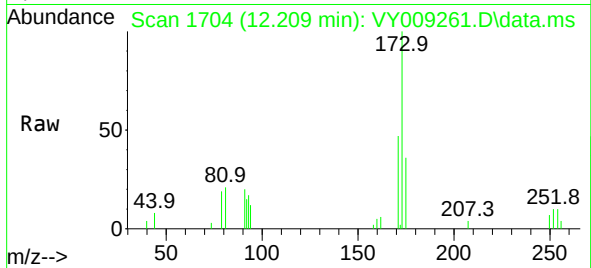
Tgt Ion:104 Resp: 21609
Ion Ratio Lower Upper
104 100
78 49.5 42.4 63.6
103 56.0 44.4 66.6





#71
Bromoform
Concen: 4.168 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

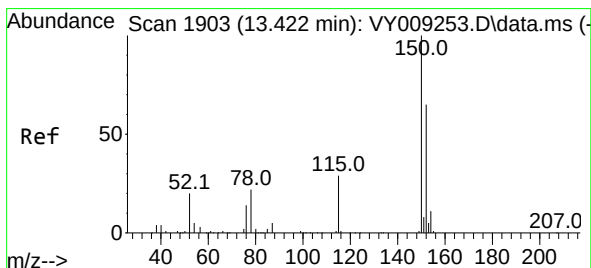
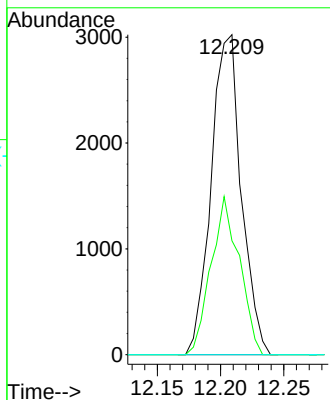
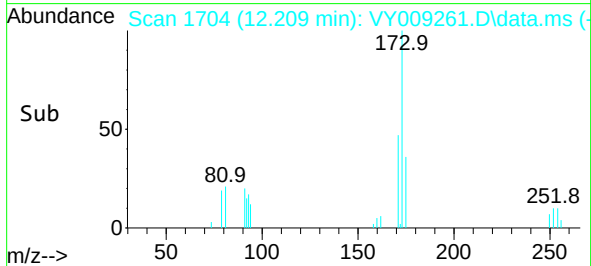
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



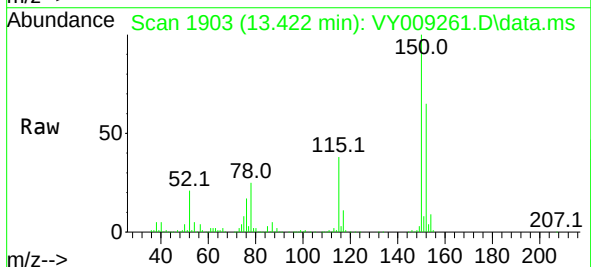
Tgt Ion:173 Resp: 501
Ion Ratio Lower Upper
173 100
175 46.5 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

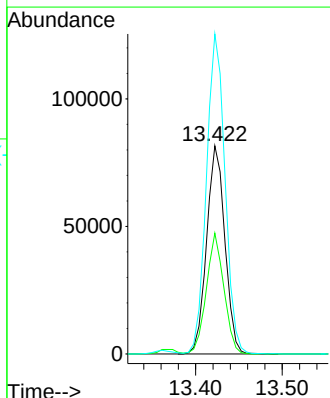
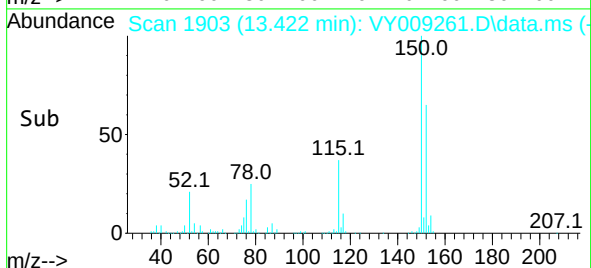
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

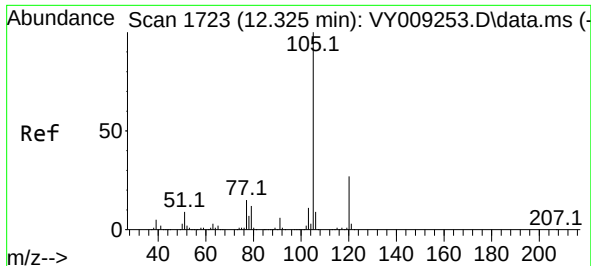


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



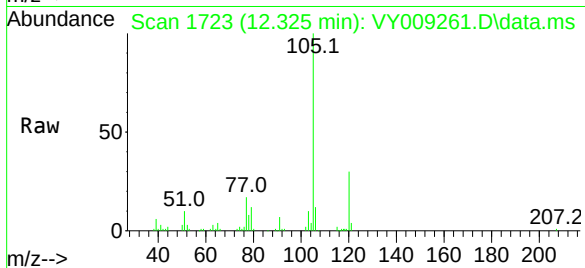
Tgt Ion:152 Resp: 119403
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 156.4 0.0 347.6





#73
Isopropylbenzene
Concen: 3.806 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

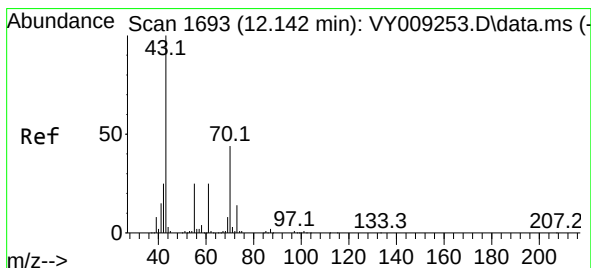
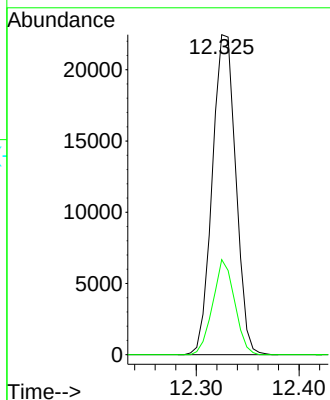
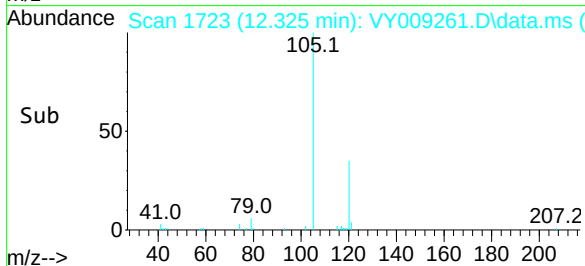
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



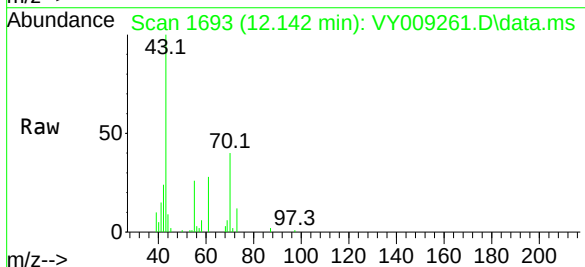
Tgt Ion:105 Resp: 3565
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2

Manual Integrations
APPROVED

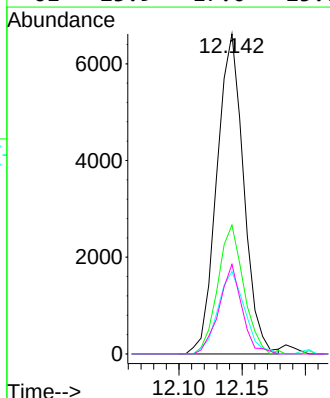
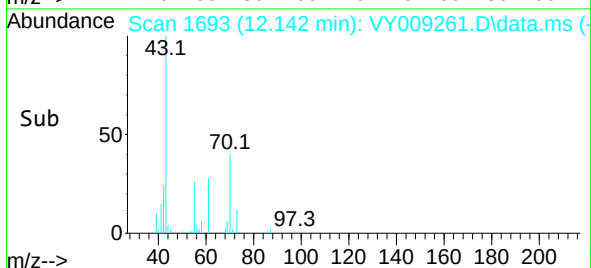
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

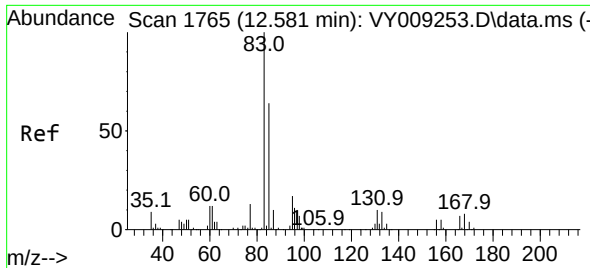


#74
N-ethyl acetate
Concen: 3.889 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



Tgt Ion: 43 Resp: 9731
Ion Ratio Lower Upper
43 100
70 39.0 28.7 43.1
55 25.8 17.3 25.9
61 23.9 17.0 25.6





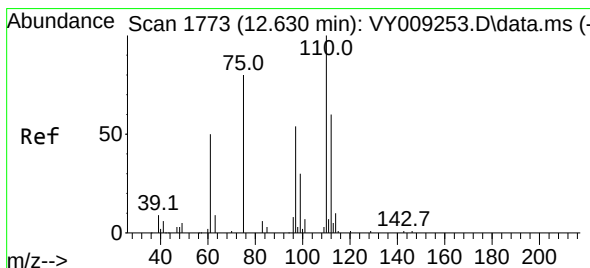
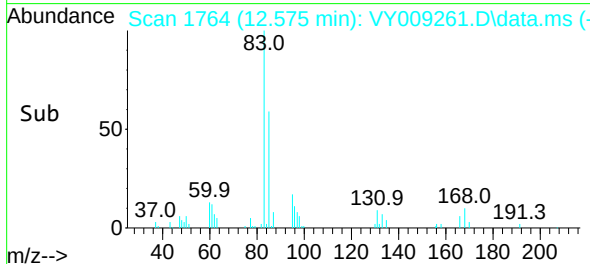
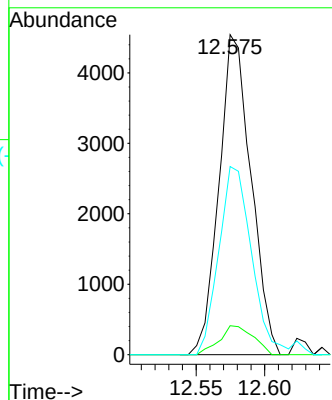
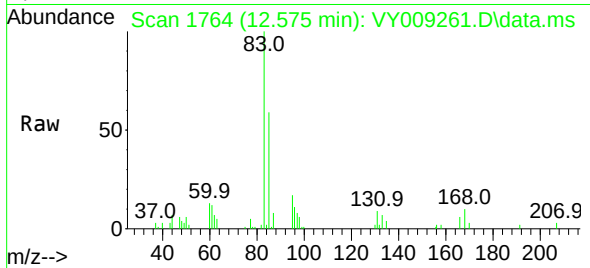
#75
1,1,2,2-Tetrachloroethane
Concen: 4.135 ug/l
RT: 12.575 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion: 83 Resp: 7370
Ion Ratio Lower Upper
83 100
131 9.6 5.6 16.8
85 61.6 32.3 96.8

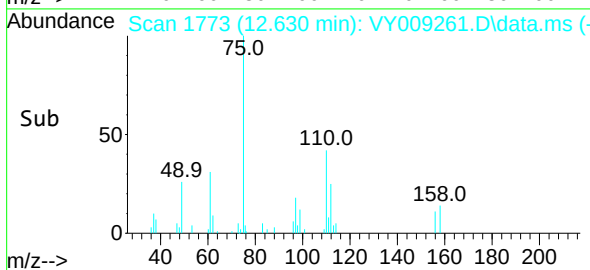
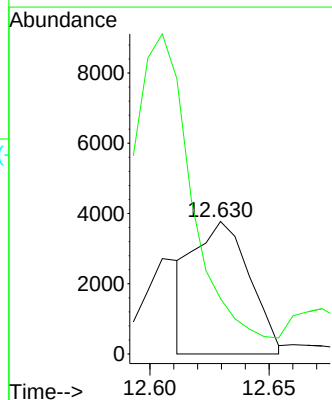
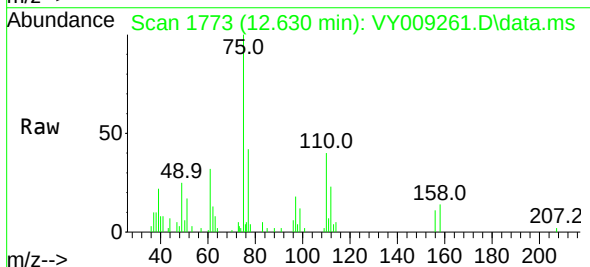
Manual Integrations
APPROVED

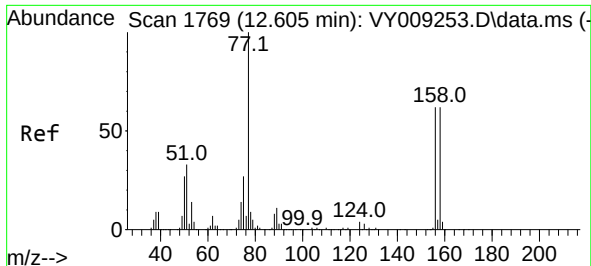
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#76
1,2,3-Trichloropropane
Concen: 4.415 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

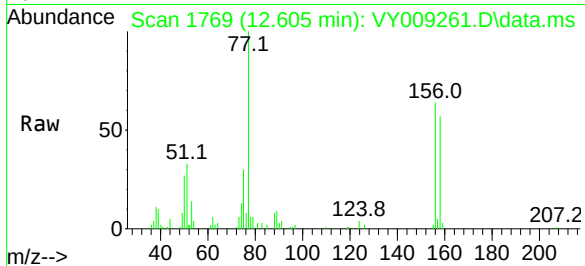
Tgt Ion: 75 Resp: 6180
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 3.867 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

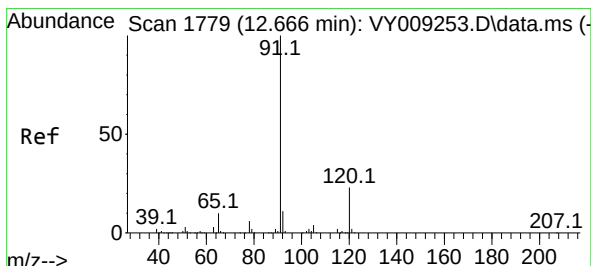
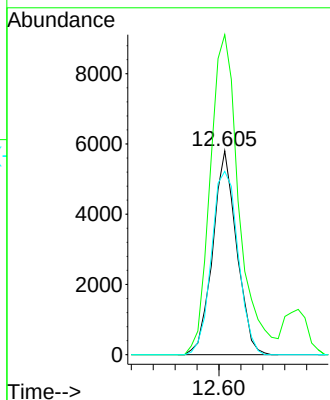
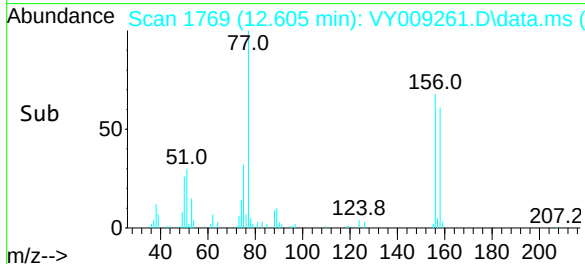
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



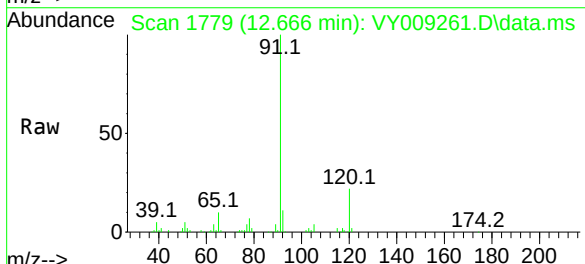
Tgt Ion:156 Resp: 8799
Ion Ratio Lower Upper
156 100
77 189.6 95.5 286.4
158 100.2 48.0 144.0

Manual Integrations
APPROVED

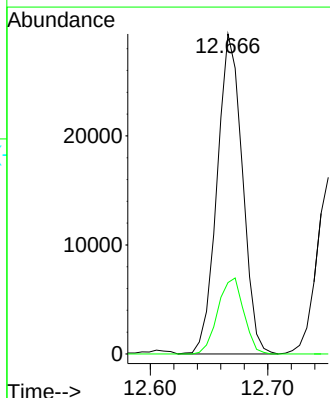
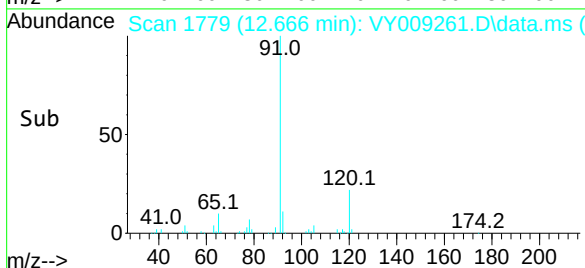
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

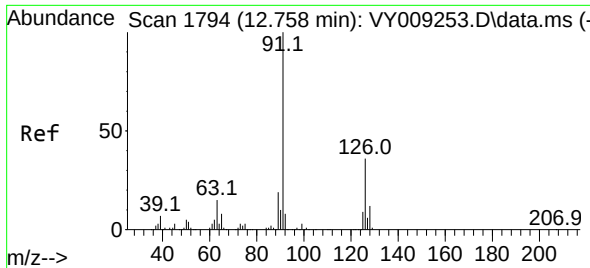


#78
n-propylbenzene
Concen: 3.890 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



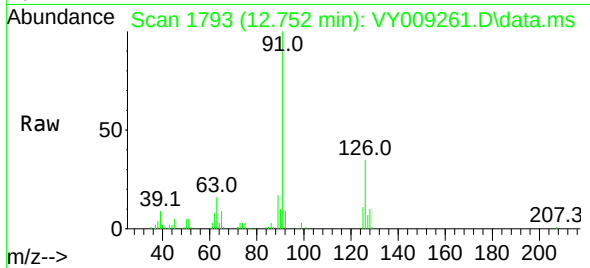
Tgt Ion: 91 Resp: 43904
Ion Ratio Lower Upper
91 100
120 24.2 11.3 33.9





#79
2-Chlorotoluene
Concen: 4.053 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

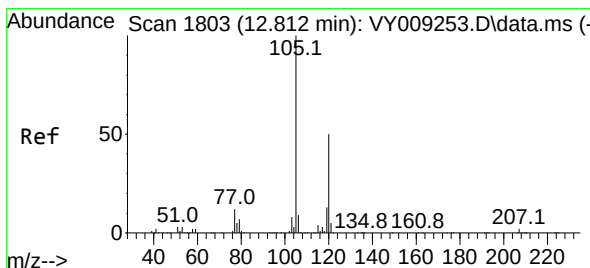
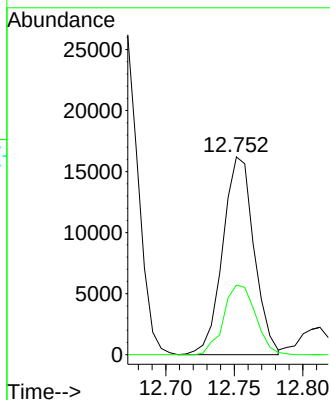
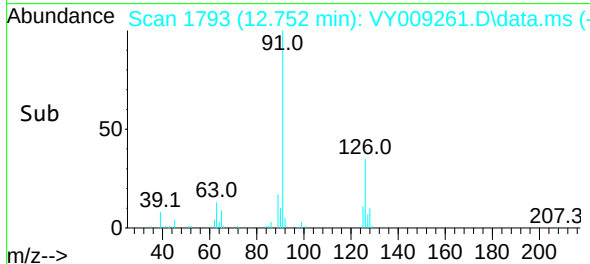
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion: 91 Resp: 2576
Ion Ratio Lower Upper
91 100
126 35.9 16.9 50.6

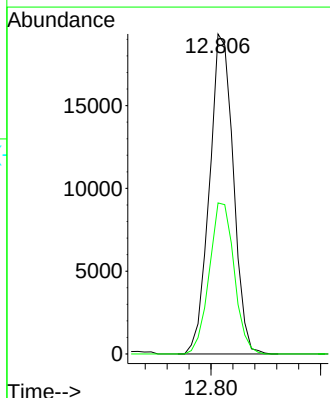
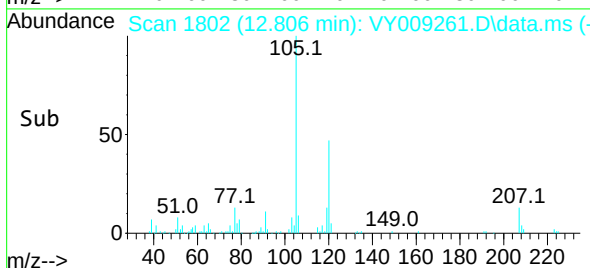
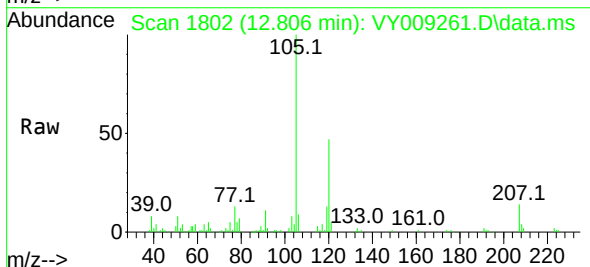
Manual Integrations
APPROVED

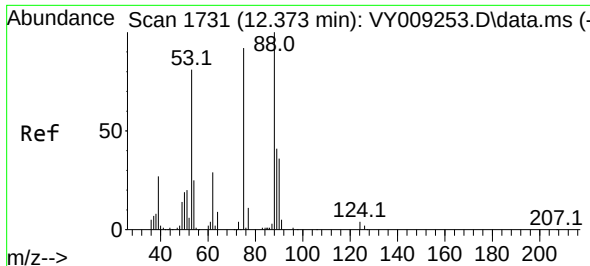
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 3.759 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

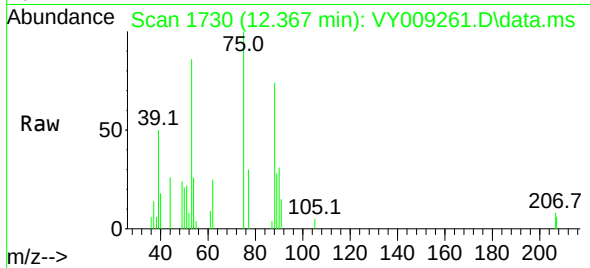
Tgt Ion:105 Resp: 29229
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.923 ug/l
RT: 12.367 min Scan# 1730
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

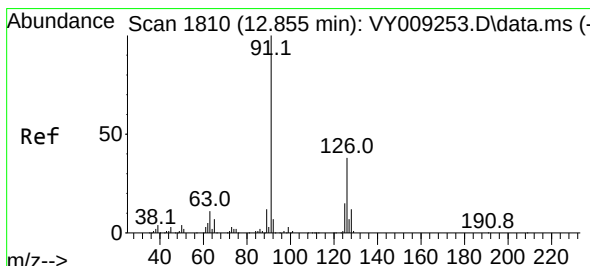
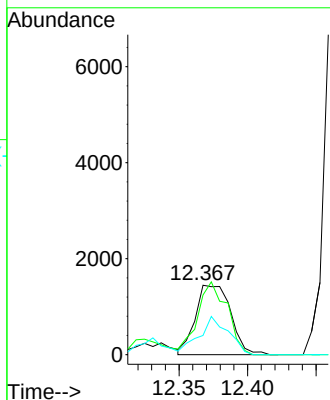
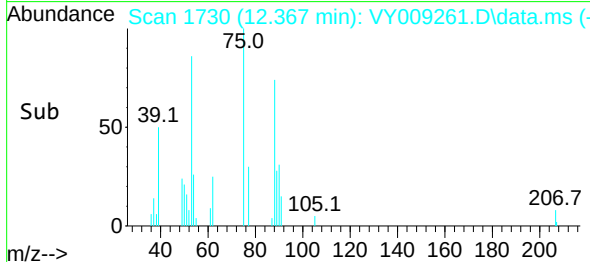
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB



Tgt Ion: 75 Resp: 2590
Ion Ratio Lower Upper
75 100
53 88.2 85.3 127.9
89 45.4 37.0 55.4

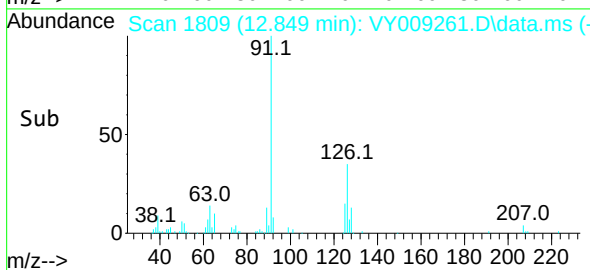
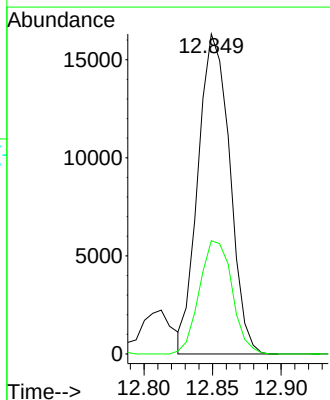
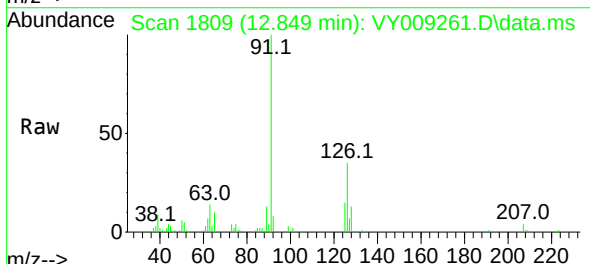
Manual Integrations
APPROVED

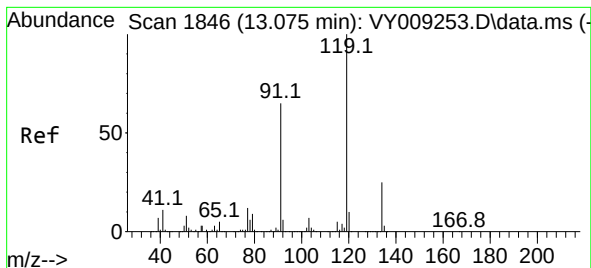
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#82
4-Chlorotoluene
Concen: 3.948 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion: 91 Resp: 26181
Ion Ratio Lower Upper
91 100
126 36.6 17.0 51.0





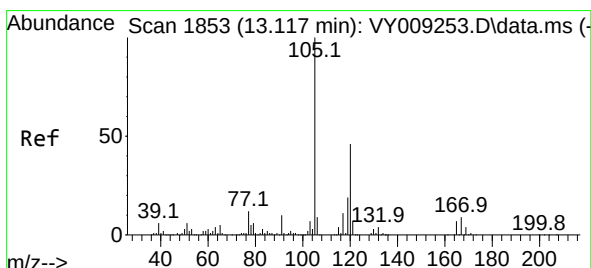
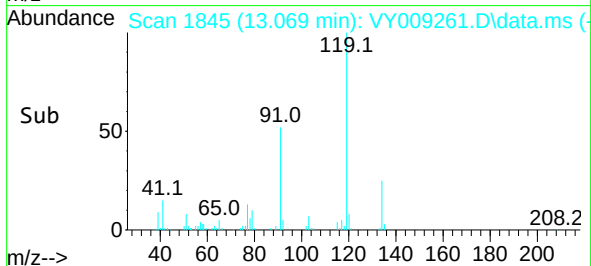
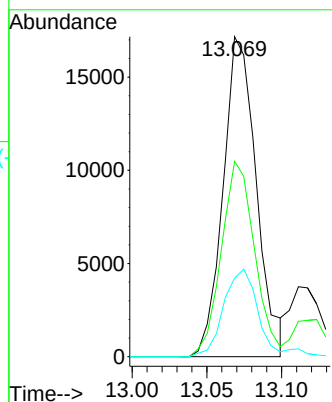
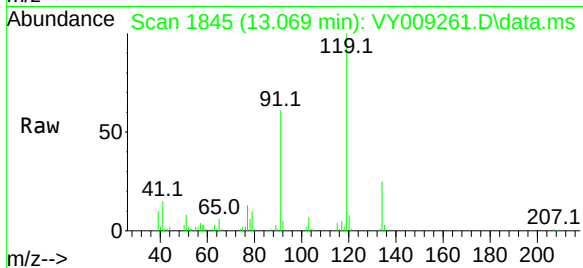
#83
tert-Butylbenzene
Concen: 3.913 ug/l
RT: 13.069 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion:119 Resp: 26538
Ion Ratio Lower Upper
119 100
91 61.1 34.8 104.4
134 29.0 13.3 39.9

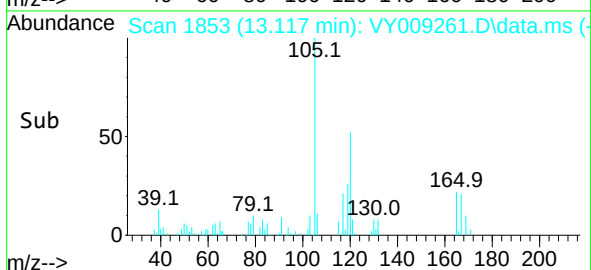
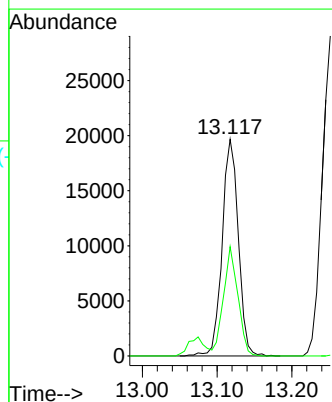
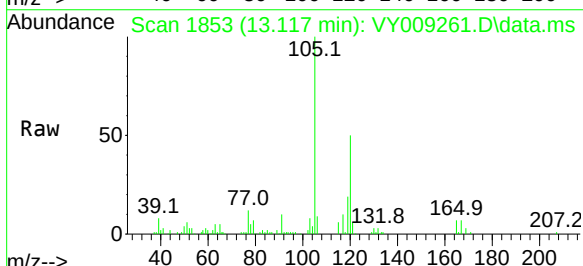
Manual Integrations
APPROVED

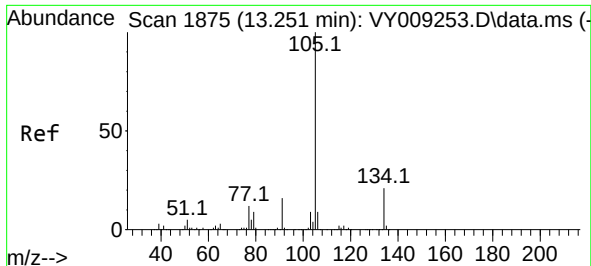
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 3.891 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

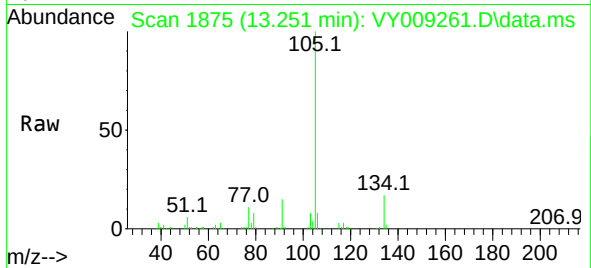
Tgt Ion:105 Resp: 29655
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 4.101 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009261.D
 Acq: 21 Jun 2022 17:31

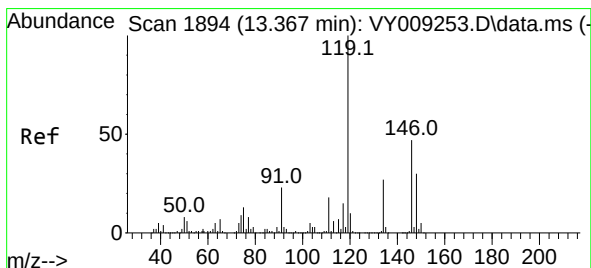
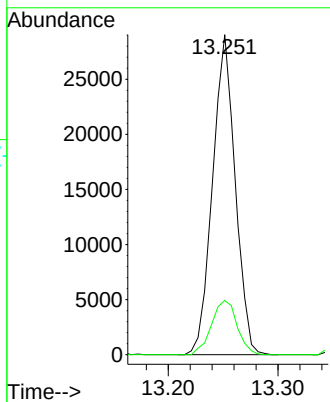
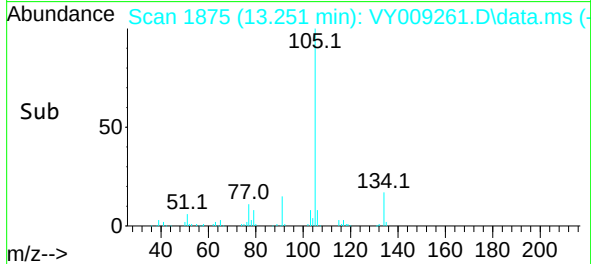
Instrument : MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022 4.0PPB



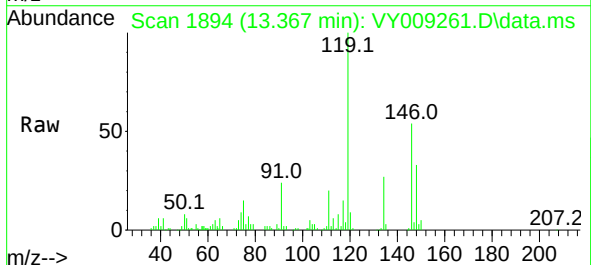
Tgt Ion:105 Resp: 4163
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.2 30.4

Manual Integrations
 APPROVED

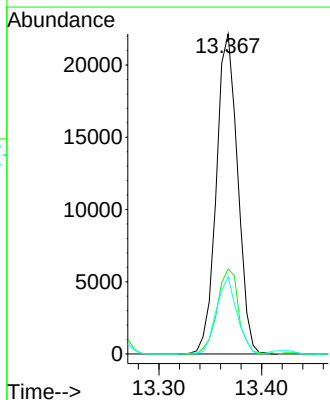
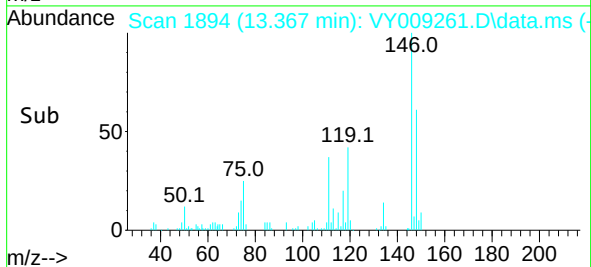
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

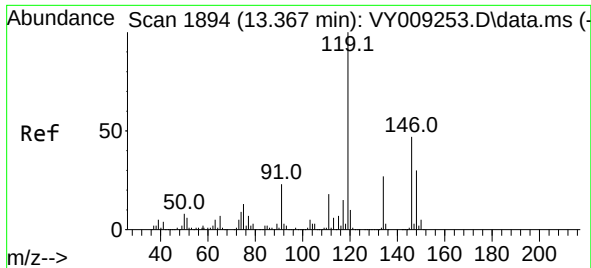


#86
 p-Isopropyltoluene
 Concen: 3.778 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009261.D
 Acq: 21 Jun 2022 17:31



Tgt Ion:119 Resp: 31877
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.5
 91 23.4 12.4 37.2





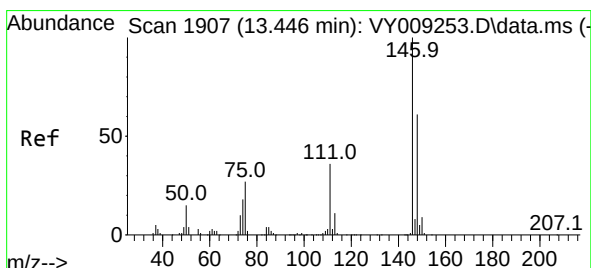
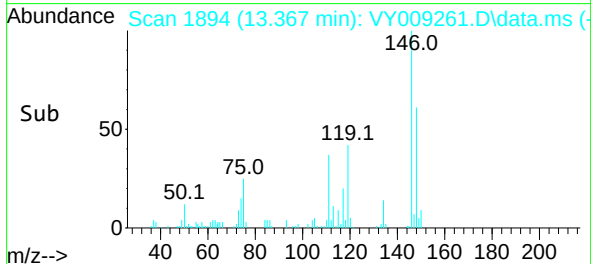
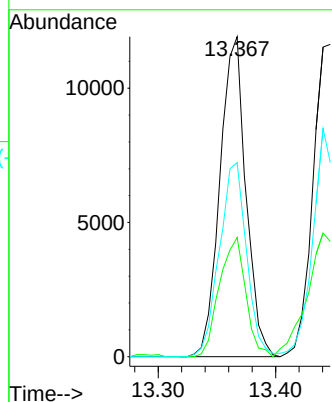
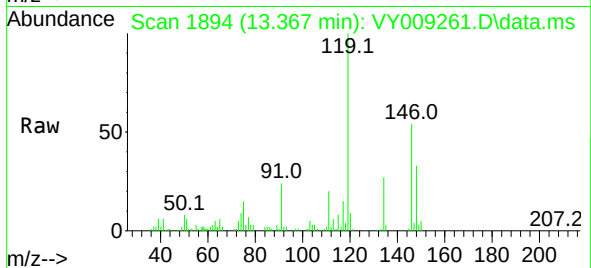
#87
1,3-Dichlorobenzene
Concen: 4.164 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion:146 Resp: 1831
Ion Ratio Lower Upper
146 100
111 37.6 19.5 58.5
148 63.7 31.6 95.0

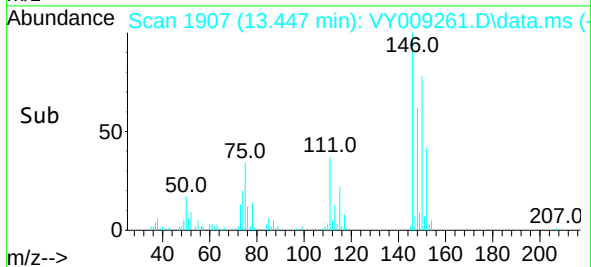
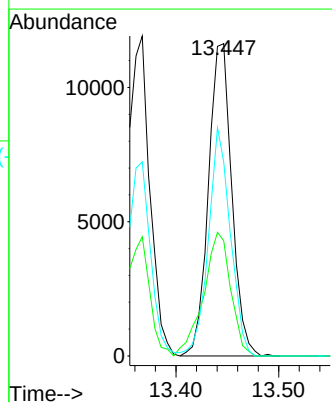
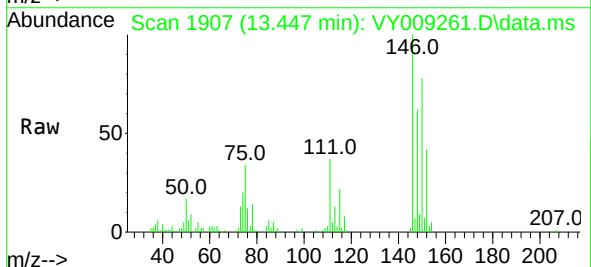
Manual Integrations
APPROVED

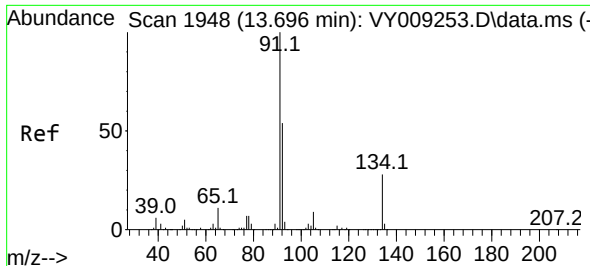
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#88
1,4-Dichlorobenzene
Concen: 4.158 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Tgt Ion:146 Resp: 18347
Ion Ratio Lower Upper
146 100
111 46.1 19.3 57.8
148 68.7 32.6 97.8





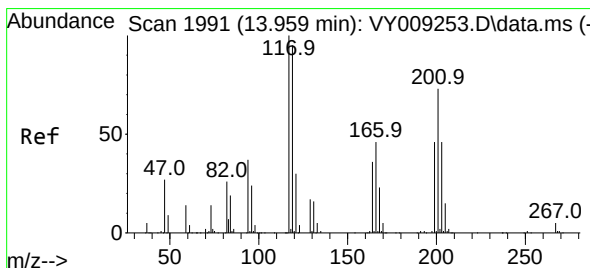
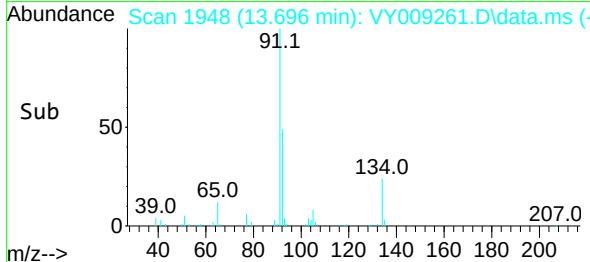
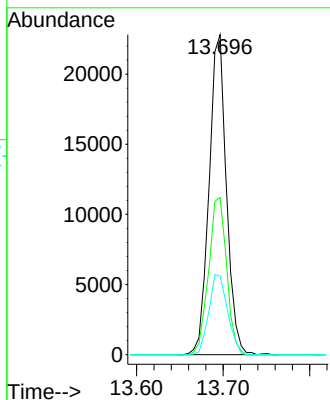
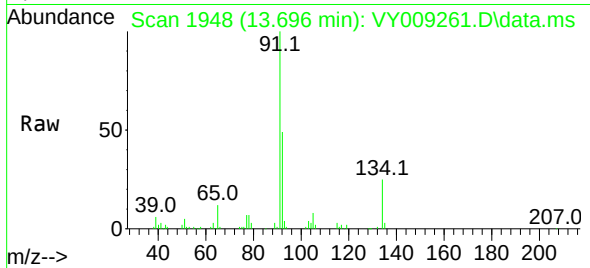
#89
n-Butylbenzene
Concen: 4.034 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB

Tgt Ion: 91 Resp: 31700
Ion Ratio Lower Upper
91 100
92 51.3 26.3 78.9
134 27.0 13.0 38.9

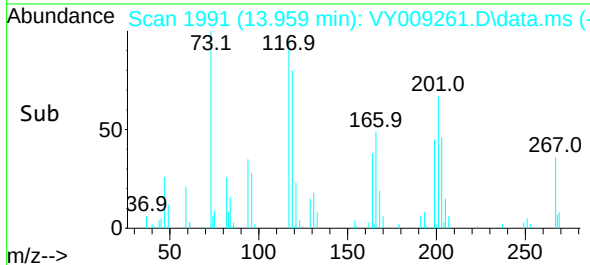
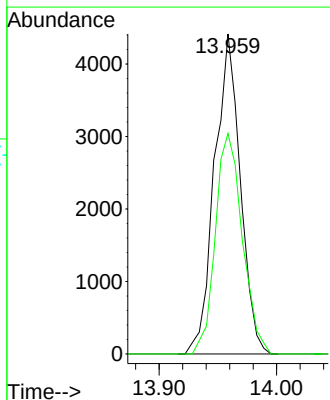
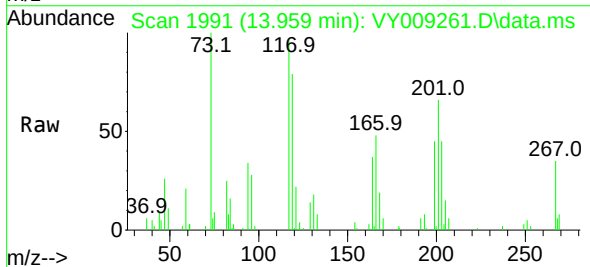
Manual Integrations
APPROVED

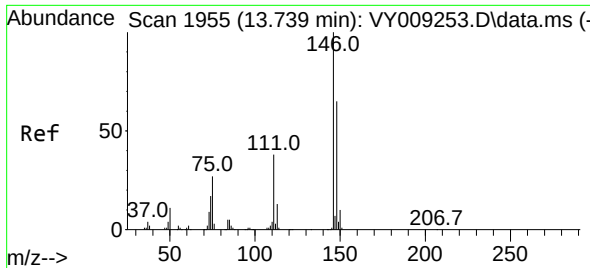
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#90
Hexachloroethane
Concen: 4.200 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

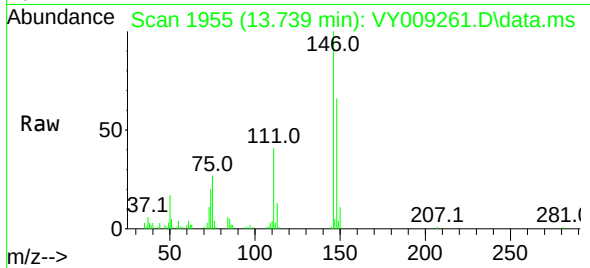
Tgt Ion:117 Resp: 6723
Ion Ratio Lower Upper
117 100
201 72.0 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 4.254 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

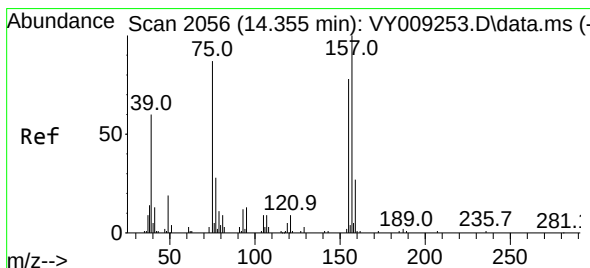
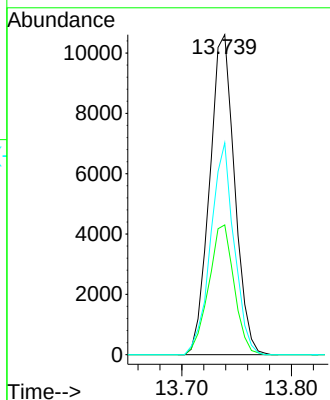
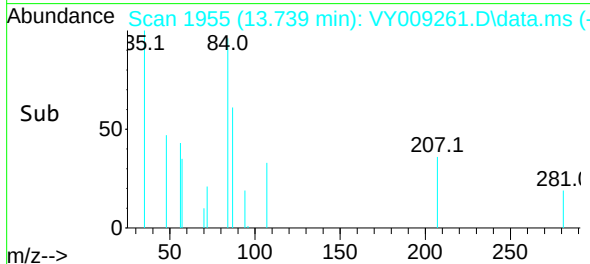
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 4.0PPB



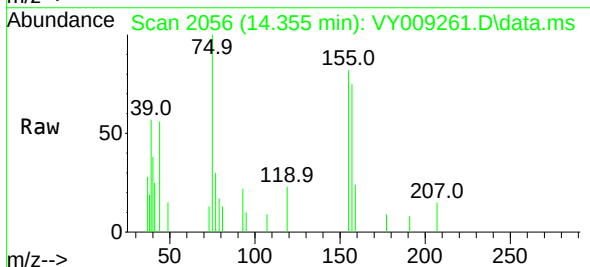
Tgt Ion:146 Resp: 16809
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.9
148 62.1 32.3 96.9

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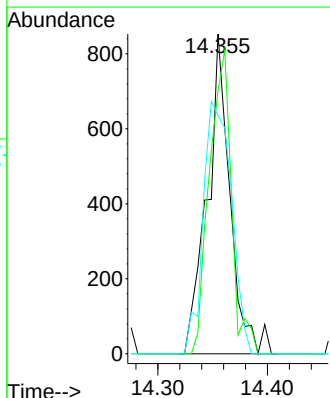
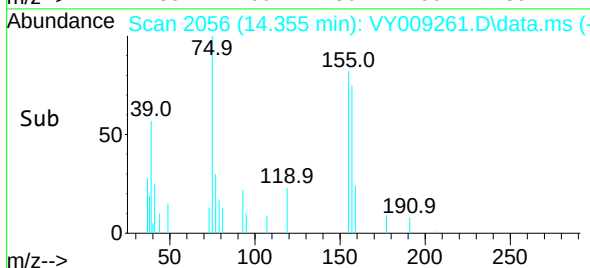
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

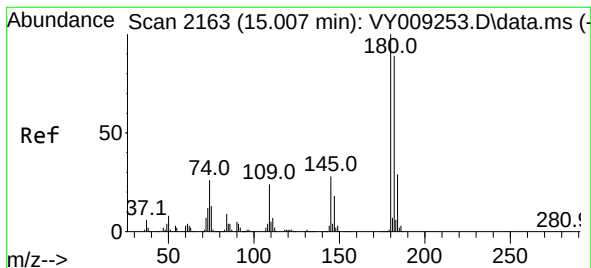


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.890 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



Tgt Ion: 75 Resp: 1235
Ion Ratio Lower Upper
75 100
155 91.8 38.0 113.9
157 97.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 3.808 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009261.D

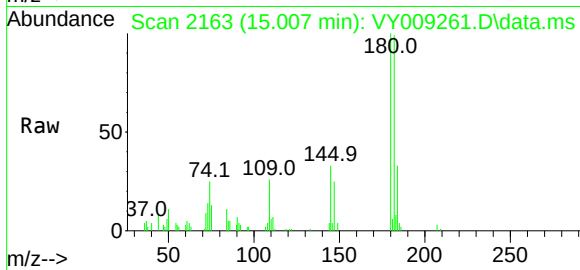
Acq: 21 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 4.0PPB

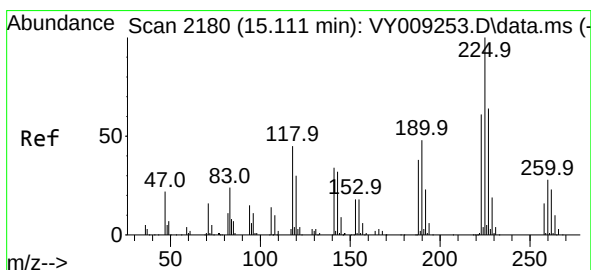
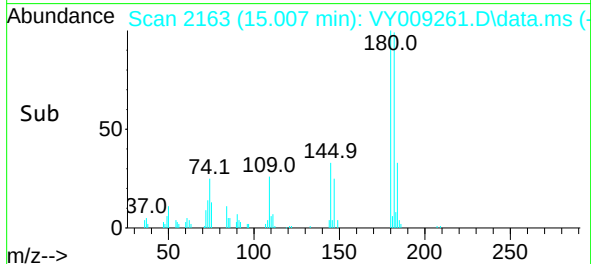
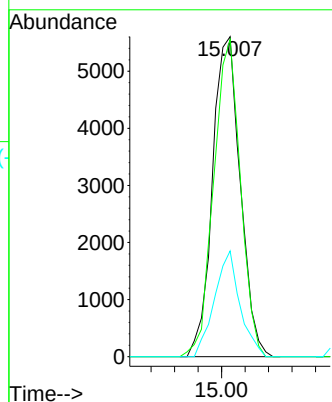


Tgt Ion:180	Resp:	9200
Ion Ratio	Lower	Upper
180	100	
182	95.3	47.3 141.9
145	30.3	14.6 43.8

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 4.447 ug/l

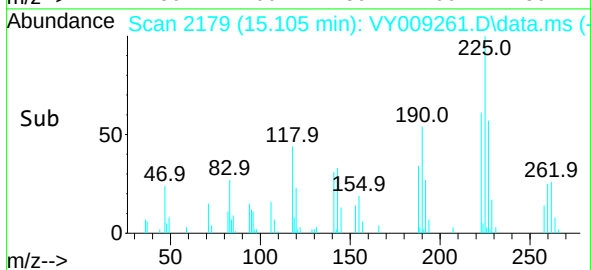
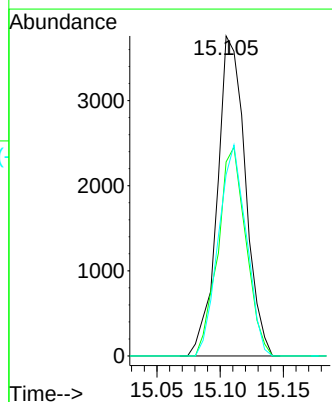
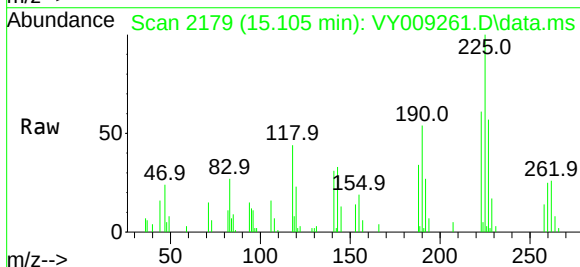
RT: 15.105 min Scan# 2179

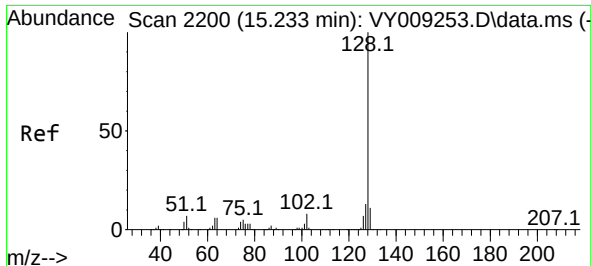
Delta R.T. -0.006 min

Lab File: VY009261.D

Acq: 21 Jun 2022 17:31

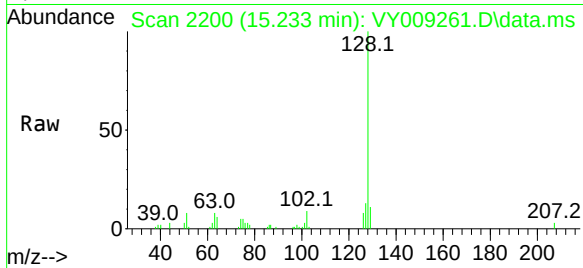
Tgt Ion:225	Resp:	5784
Ion Ratio	Lower	Upper
225	100	
223	65.2	30.8 92.3
227	65.5	31.6 94.7





#95
Naphthalene
Concen: 3.569 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31

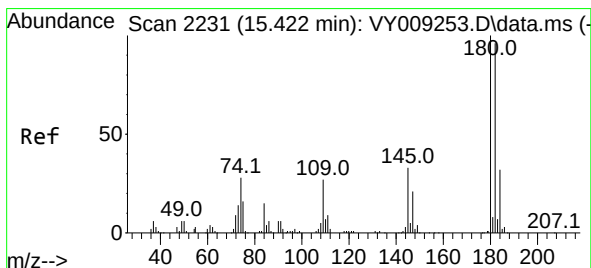
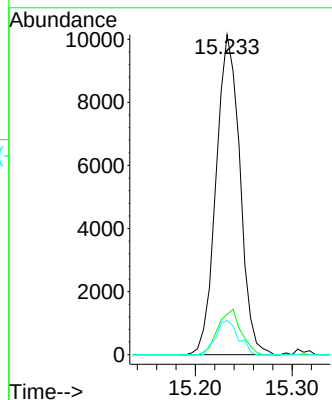
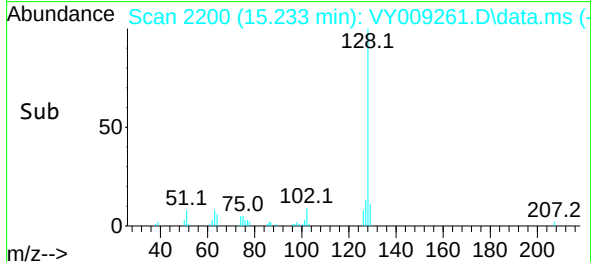
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 4.0PPB



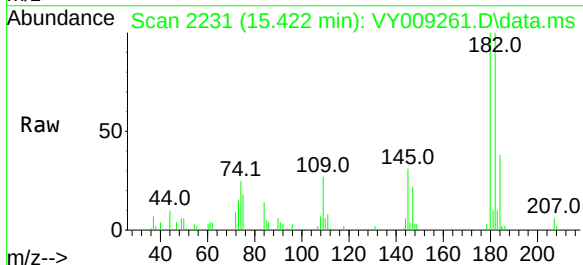
Tgt Ion:128 Resp: 17308
Ion Ratio Lower Upper
128 100
127 13.8 11.0 16.4
129 10.1 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 3.995 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009261.D
Acq: 21 Jun 2022 17:31



Tgt Ion:180 Resp: 8255
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.9
145 32.3 15.3 45.9

