

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008041.D
 Acq On : 26 Mar 2022 13:17
 Operator : SY/MD
 Sample : N1645-01 2.5ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Quant Time: Mar 28 09:50:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 28 09:49:08 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	153084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	261497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	230262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85636	55.757	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.520%			
35) Dibromofluoromethane	7.716	113	88640	54.065	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.120%			
50) Toluene-d8	10.179	98	343161	55.556	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.120%			
62) 4-Bromofluorobenzene	12.483	95	115325	52.920	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	3519	2.550	ug/l	86
3) Chloromethane	2.113	50	4689	2.790	ug/l	91
4) Vinyl Chloride	2.253	62	6282	2.810	ug/l	100
5) Bromomethane	2.656	94	5785	3.157	ug/l	89
6) Chloroethane	2.796	64	3966	2.697	ug/l #	87
7) Trichlorofluoromethane	3.125	101	7515	2.657	ug/l	98
8) Diethyl Ether	3.540	74	2609	2.848	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	4943	2.817	ug/l	90
10) Methyl Iodide	4.094	142	3466	1.912	ug/l	90
11) Tert butyl alcohol	4.954	59	2025	12.708	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	4574	2.816	ug/l #	80
13) Acrolein	3.729	56	1757	13.546	ug/l	97
14) Allyl chloride	4.485	41	5926	2.773	ug/l #	89
15) Acrylonitrile	5.161	53	5861	13.434	ug/l	92
16) Acetone	3.942	43	4691	13.362	ug/l	96
17) Carbon Disulfide	4.192	76	11862	2.577	ug/l	99
18) Methyl Acetate	4.472	43	4519	3.826	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	12142	2.631	ug/l	93
20) Methylene Chloride	4.722	84	15313	7.431	ug/l #	75
21) trans-1,2-Dichloroethene	5.216	96	5085	2.704	ug/l	85
22) Diisopropyl ether	6.119	45	13172	2.865	ug/l #	90
23) Vinyl Acetate	6.064	43	32633	11.455	ug/l #	89
24) 1,1-Dichloroethane	6.021	63	8132	2.672	ug/l	96
25) 2-Butanone	6.984	43	6573	12.304	ug/l #	75
26) 2,2-Dichloropropane	6.978	77	7790	2.703	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	6072	2.785	ug/l	80
28) Bromochloromethane	7.326	49	3198	3.240	ug/l #	67
29) Tetrahydrofuran	7.344	42	4713	13.569	ug/l #	79
30) Chloroform	7.508	83	9046	2.745	ug/l	91
31) Cyclohexane	7.783	56	10314	3.593	ug/l #	54
32) 1,1,1-Trichloroethane	7.704	97	8348	2.741	ug/l	97
36) 1,1-Dichloropropene	7.917	75	7235	2.809	ug/l	95
37) Ethyl Acetate	7.076	43	3382	2.811	ug/l	99
38) Carbon Tetrachloride	7.899	117	7374	2.627	ug/l	95
39) Methylcyclohexane	9.185	83	8961	2.578	ug/l	86
40) Benzene	8.161	78	20260	2.750	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	1517	2.511	ug/l #	48
42) 1,2-Dichloroethane	8.240	62	5620	2.720	ug/l	92
43) Isopropyl Acetate	8.277	43	6098	2.582	ug/l #	85
44) Trichloroethene	8.941	130	5566	2.613	ug/l	87
45) 1,2-Dichloropropane	9.216	63	4925	2.837	ug/l	96
46) Dibromomethane	9.301	93	3084	2.702	ug/l	91
47) Bromodichloromethane	9.502	83	6951	2.663	ug/l	89
48) Methyl methacrylate	9.289	41	2843	2.718	ug/l #	86
49) 1,4-Dioxane	9.295	88	655	43.161	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	14722	12.359	ug/l #	86
52) Toluene	10.240	92	13677	2.831	ug/l	91
53) t-1,3-Dichloropropene	10.465	75	6581	2.459	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	7707	2.544	ug/l #	78
55) 1,1,2-Trichloroethane	10.648	97	4366	2.770	ug/l #	81
56) Ethyl methacrylate	10.514	69	4977	2.420	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	7135	2.766	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.782	63	11290	13.252	ug/l	90
59) 2-Hexanone	10.831	43	9722	11.664	ug/l	82
60) Dibromochloromethane	10.983	129	4782	2.494	ug/l	99
61) 1,2-Dibromoethane	11.087	107	3887	2.476	ug/l	98
64) Tetrachloroethene	10.715	164	5090	2.878	ug/l	95
65) Chlorobenzene	11.514	112	14342	2.762	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	4910	2.564	ug/l	93
67) Ethyl Benzene	11.593	91	24661	2.710	ug/l	97
68) m/p-Xylenes	11.703	106	19105	5.280	ug/l	94
69) o-Xylene	12.026	106	9224	2.662	ug/l	93
70) Styrene	12.044	104	14386	2.537	ug/l	96
71) Bromoform	12.209	173	2409	2.083	ug/l #	99
73) Isopropylbenzene	12.331	105	24263	2.753	ug/l	100
74) N-amyl acetate	12.142	43	4924	2.542	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	4560	2.662	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	3696m	2.840	ug/l	
77) Bromobenzene	12.605	156	5217	2.581	ug/l	99
78) n-propylbenzene	12.672	91	29182	2.808	ug/l	100
79) 2-Chlorotoluene	12.758	91	16047	2.783	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	19429	2.691	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	1297m	2.224	ug/l	
82) 4-Chlorotoluene	12.855	91	16919	2.860	ug/l	98
83) tert-Butylbenzene	13.075	119	17392	2.704	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	19273	2.741	ug/l	98
85) sec-Butylbenzene	13.257	105	26473	2.789	ug/l	100
86) p-Isopropyltoluene	13.367	119	21860	2.767	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	10454	2.608	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	10915	2.731	ug/l	90
89) n-Butylbenzene	13.696	91	19586	2.694	ug/l	98
90) Hexachloroethane	13.965	117	4006	2.617	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	9437	2.674	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	670	2.451	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	5272	2.494	ug/l	97
94) Hexachlorobutadiene	15.111	225	3009	2.691	ug/l	98
95) Naphthalene	15.239	128	11213	2.400	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	4506	2.464	ug/l	98

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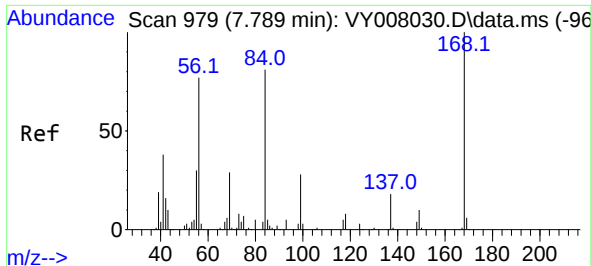
Manual Integrations
APPROVED

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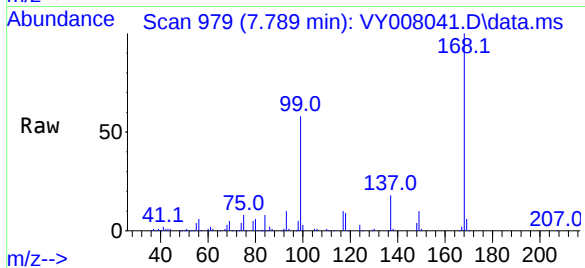
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008041.D
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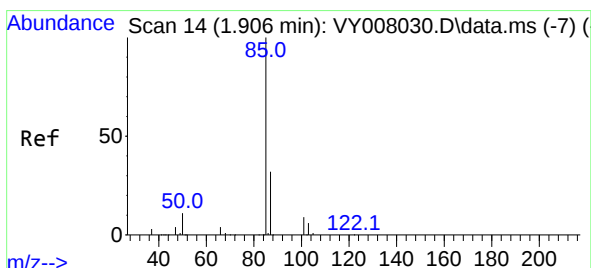
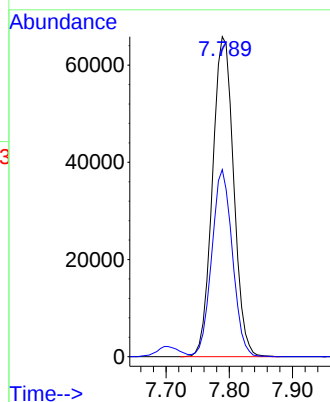
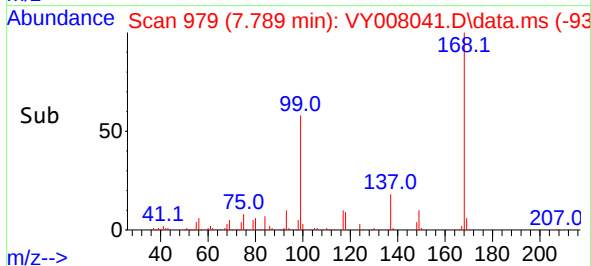
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:168 Resp: 153084
Ion Ratio Lower Upper
168 100
99 58.4 46.9 70.3

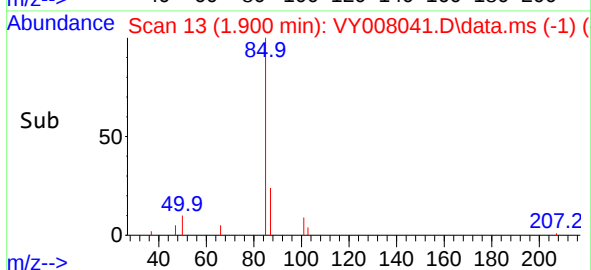
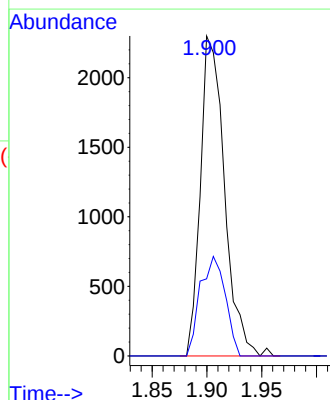
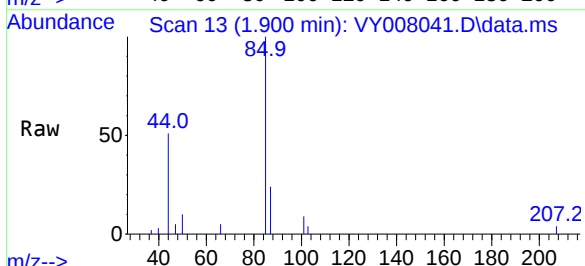
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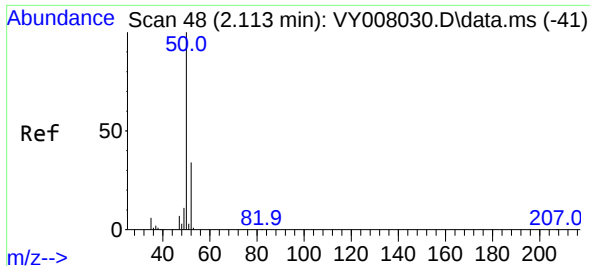
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#2
Dichlorodifluoromethane
Concen: 2.550 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

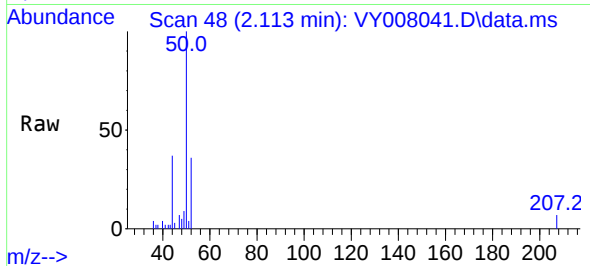
Tgt Ion: 85 Resp: 3519
Ion Ratio Lower Upper
85 100
87 24.1 16.1 48.2





#3
Chloromethane
Concen: 2.790 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

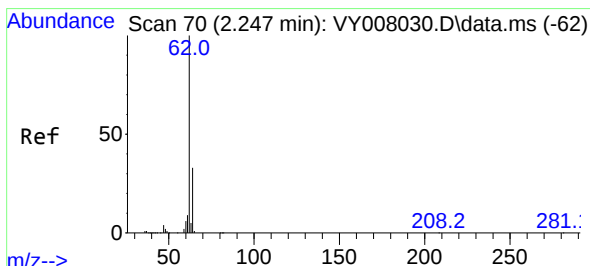
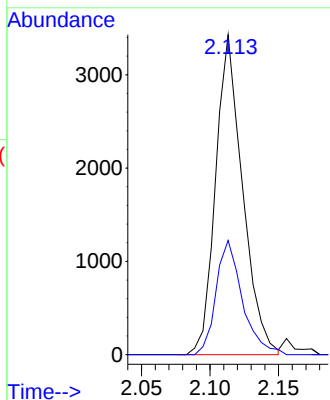
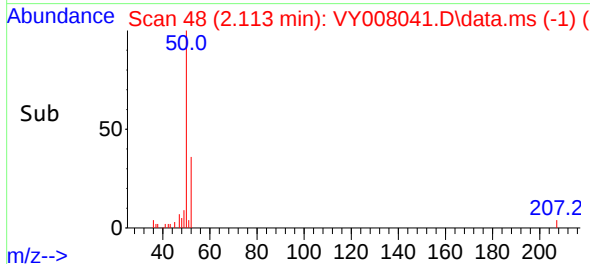
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 4689
Ion Ratio Lower Upper
50 100
52 35.7 24.6 37.0

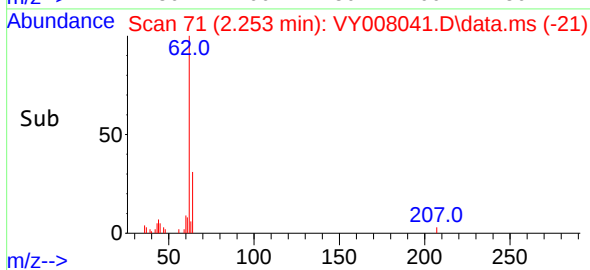
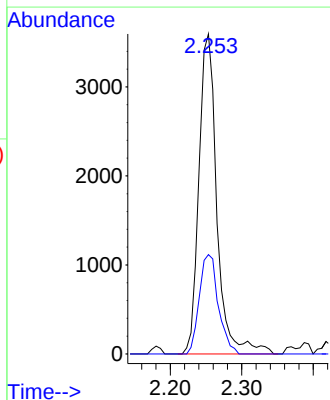
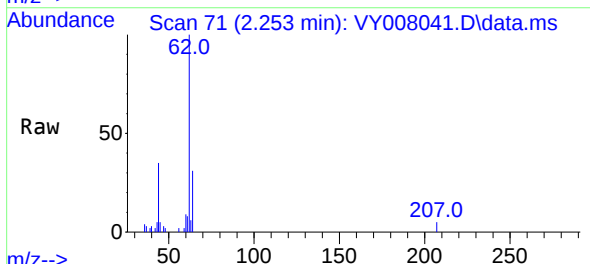
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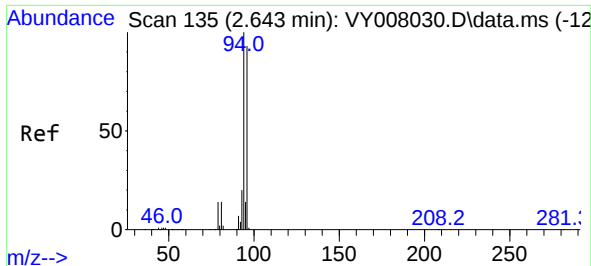
Reviewed By :John Carlone 03/28/2022
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#4
Vinyl Chloride
Concen: 2.810 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

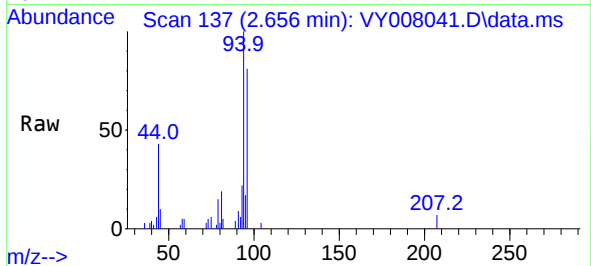
Tgt Ion: 62 Resp: 6282
Ion Ratio Lower Upper
62 100
64 31.1 25.0 37.6





#5
Bromomethane
Concen: 3.157 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

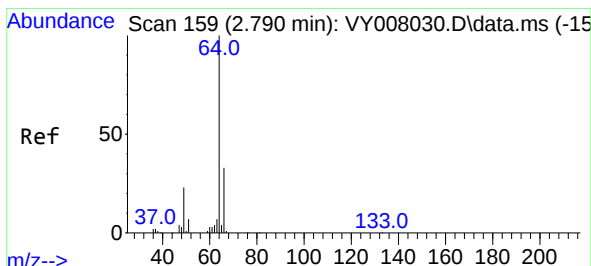
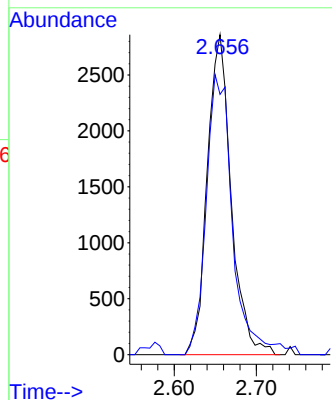
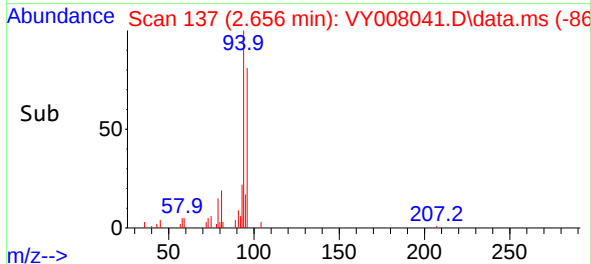
Instrument :
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Tgt Ion: 94 Resp: 578
Ion Ratio Lower Upper
94 100
96 81.3 73.5 110.3

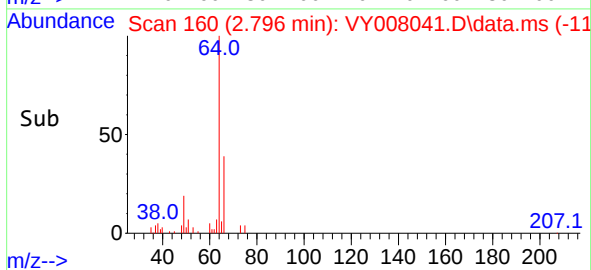
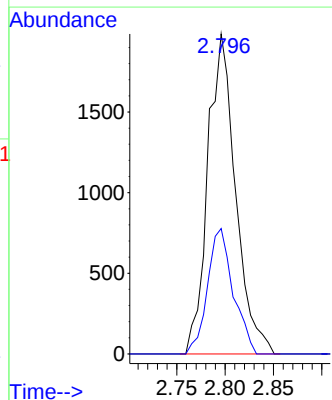
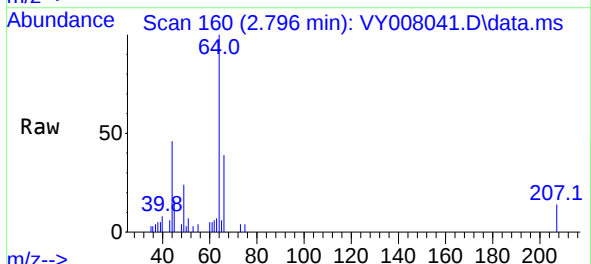
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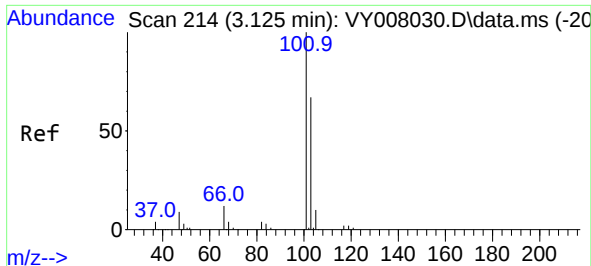
Reviewed By :John Carlone 03/28/2022
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#6
Chloroethane
Concen: 2.697 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Tgt Ion: 64 Resp: 3966
Ion Ratio Lower Upper
64 100
66 39.2 25.4 38.0#





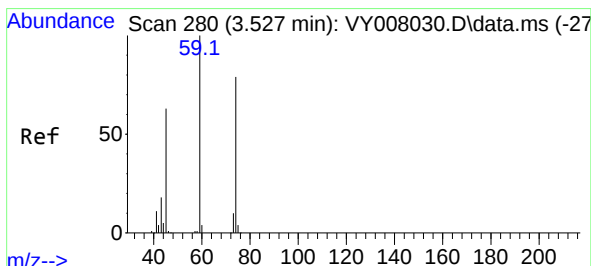
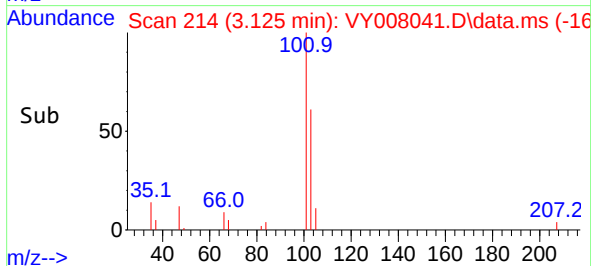
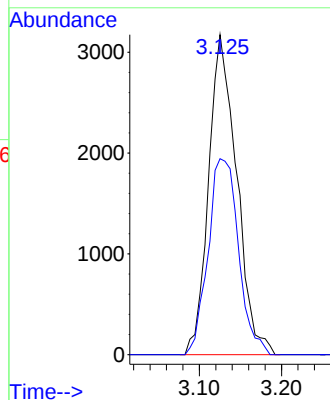
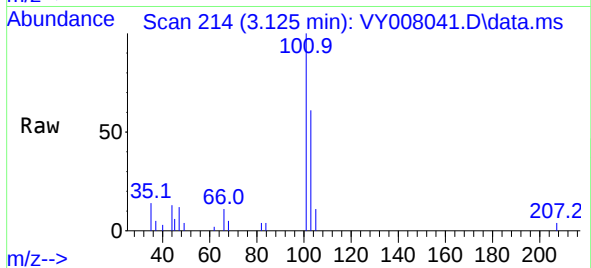
#7
Trichlorofluoromethane
Concen: 2.657 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:101 Resp: 751
Ion Ratio Lower Upper
101 100
103 61.3 48.0 72.0

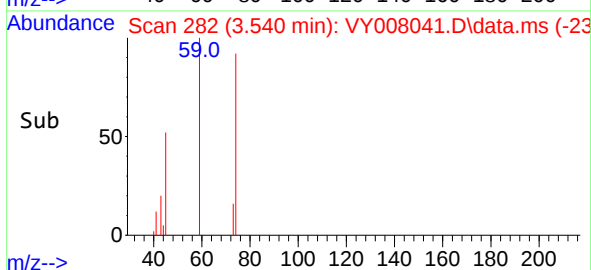
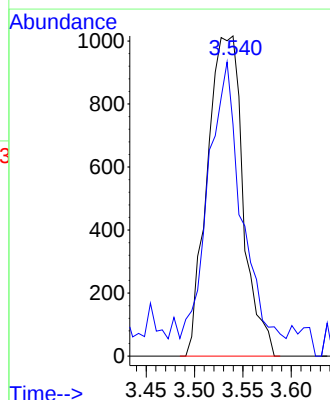
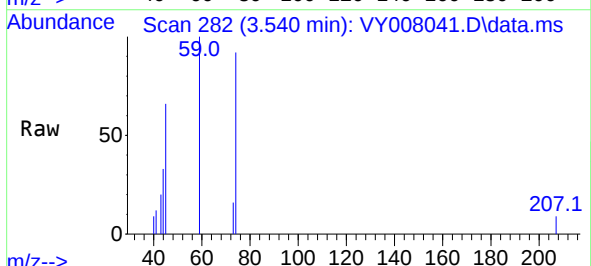
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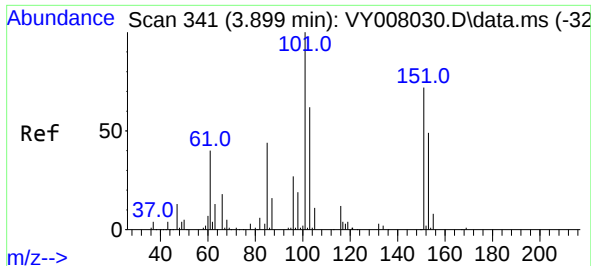
Reviewed By :John Carlone 03/28/2022
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#8
Diethyl Ether
Concen: 2.848 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.013 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Tgt Ion: 74 Resp: 2609
Ion Ratio Lower Upper
74 100
45 94.1 55.1 165.5





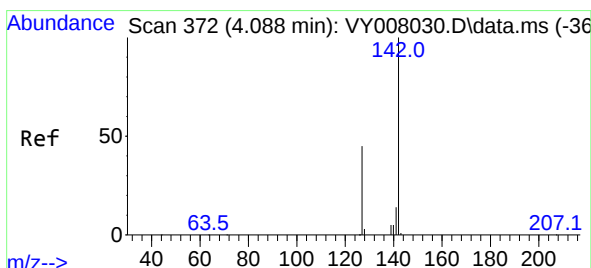
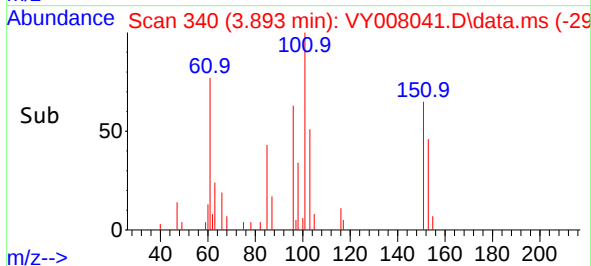
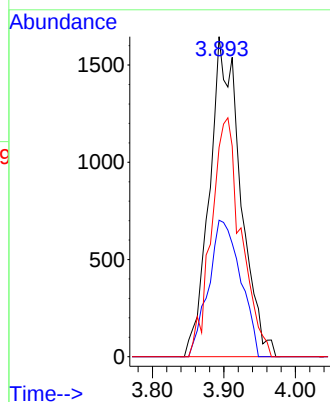
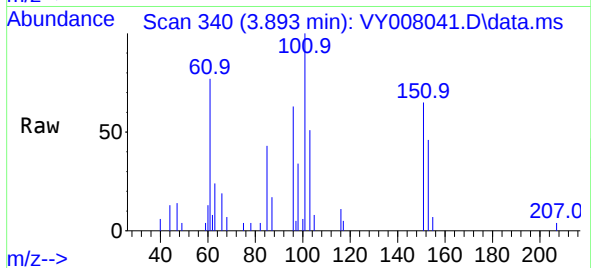
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.817 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:101 Resp: 494
Ion Ratio Lower Upper
101 100
85 44.1 40.6 60.8
151 71.9 64.9 97.3

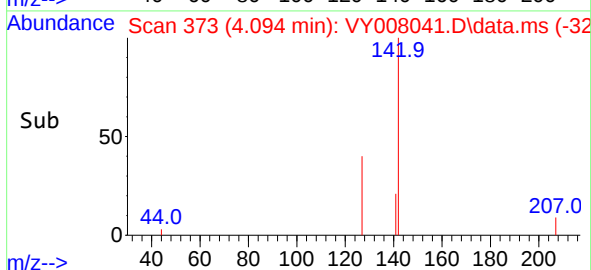
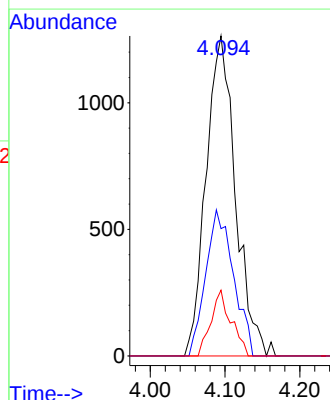
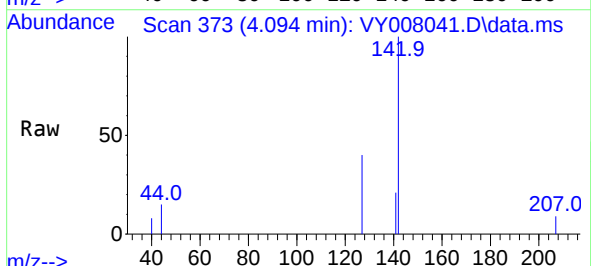
Manual Integrations
APPROVED

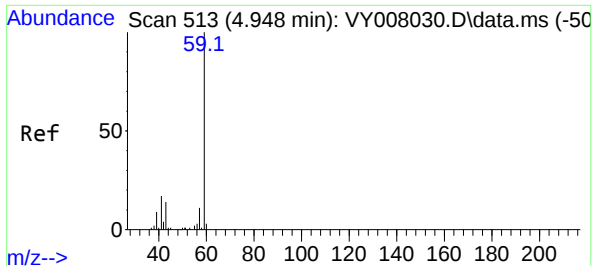
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#10
Methyl Iodide
Concen: 1.912 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Tgt Ion:142 Resp: 3466
Ion Ratio Lower Upper
142 100
127 43.0 41.5 62.3
141 14.1 11.9 17.9





#11

Tert butyl alcohol

Concen: 12.708 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008041.D

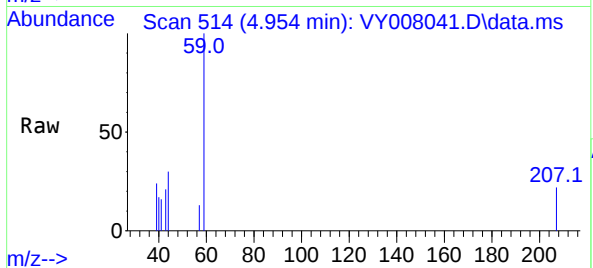
Acq: 26 Mar 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 59 Resp: 2025

Ion Ratio Lower Upper

59 100

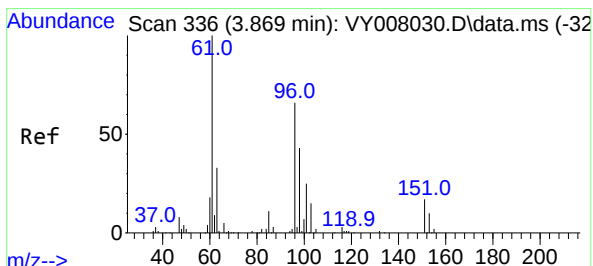
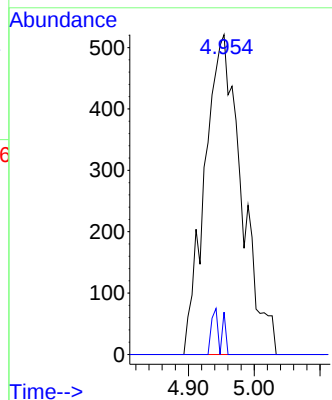
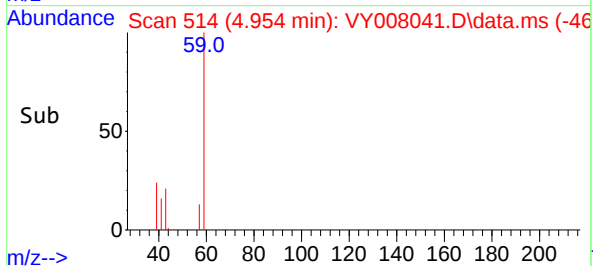
57 3.7 6.4 9.6

Manual Integrations

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Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#12

1,1-Dichloroethene

Concen: 2.816 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY008041.D

Acq: 26 Mar 2022 13:17

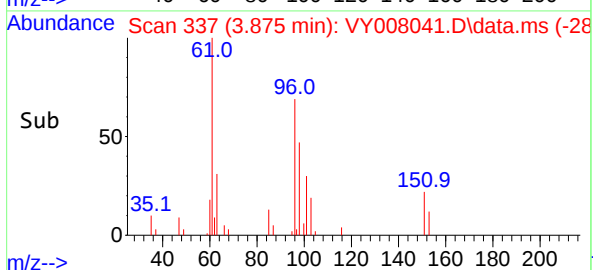
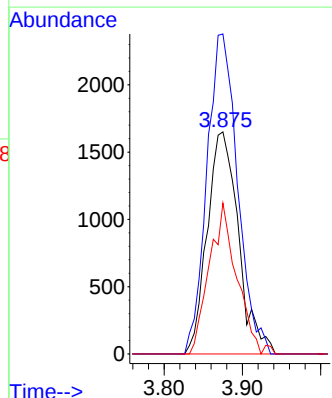
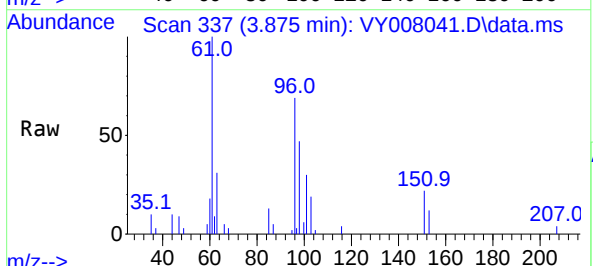
Tgt Ion: 96 Resp: 4574

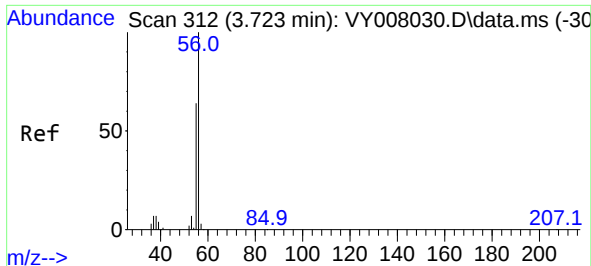
Ion Ratio Lower Upper

96 100

61 144.1 145.8 218.6#

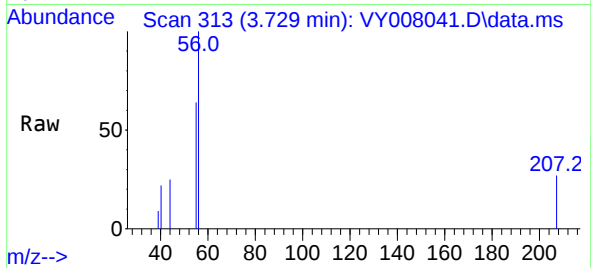
98 68.0 52.5 78.7





#13
Acrolein
Concen: 13.546 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

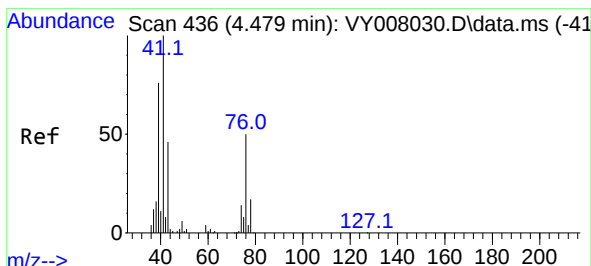
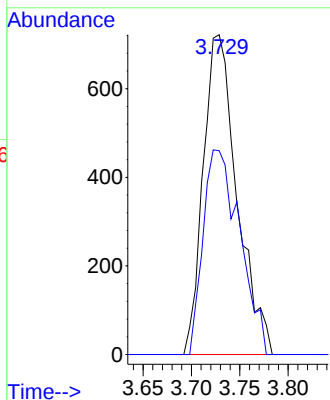
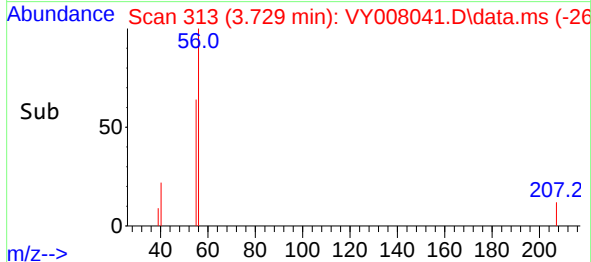
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



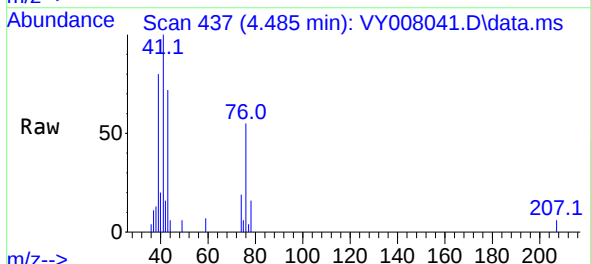
Tgt Ion: 56 Resp: 175
Ion Ratio Lower Upper
56 100
55 69.3 57.6 86.4

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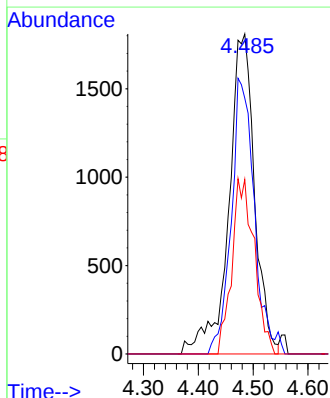
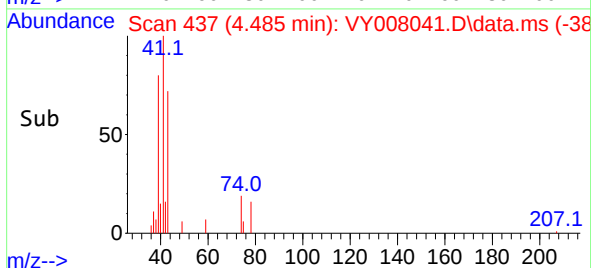
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

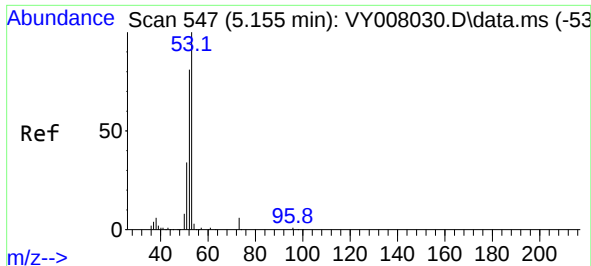


#14
Allyl chloride
Concen: 2.773 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



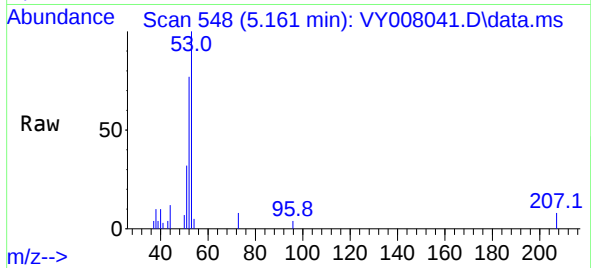
Tgt Ion: 41 Resp: 5926
Ion Ratio Lower Upper
41 100
39 76.7 58.8 88.2
76 47.3 25.1 37.7#





#15
Acrylonitrile
Concen: 13.434 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

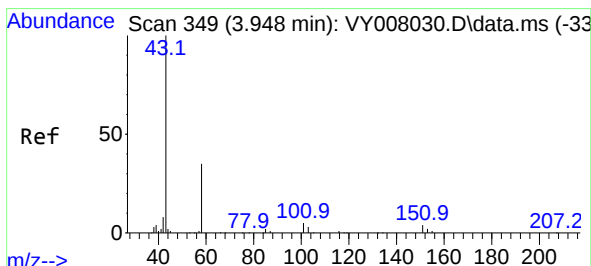
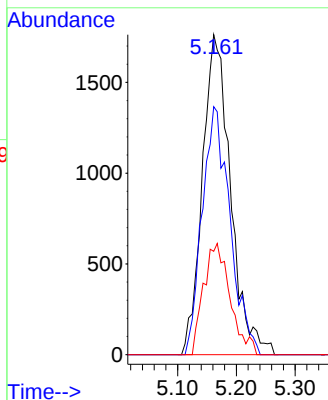
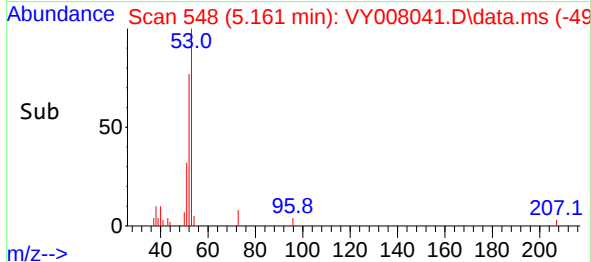
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 53 Resp: 586
Ion Ratio Lower Upper
53 100
52 76.7 67.0 100.4
51 32.8 29.8 44.6

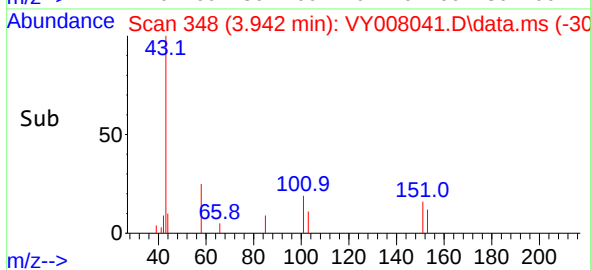
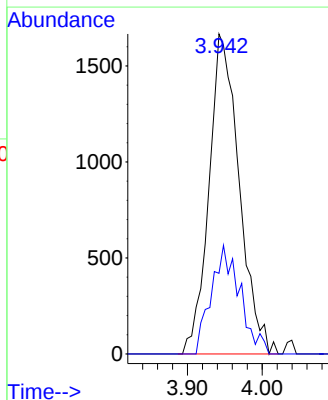
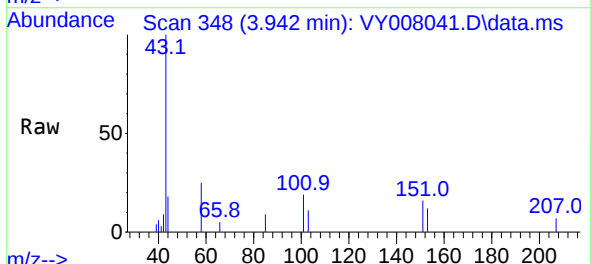
Manual Integrations
APPROVED

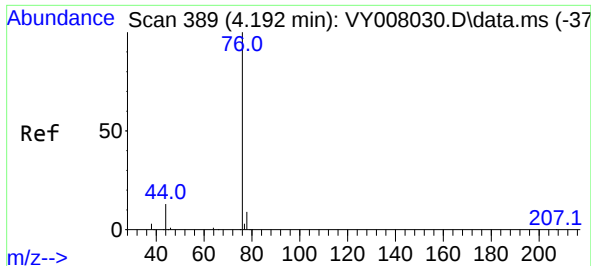
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#16
Acetone
Concen: 13.362 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

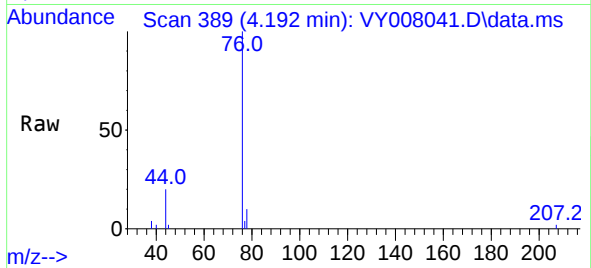
Tgt Ion: 43 Resp: 4691
Ion Ratio Lower Upper
43 100
58 25.2 22.0 33.0





#17
Carbon Disulfide
Concen: 2.577 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

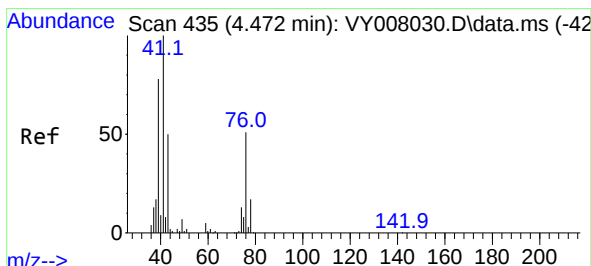
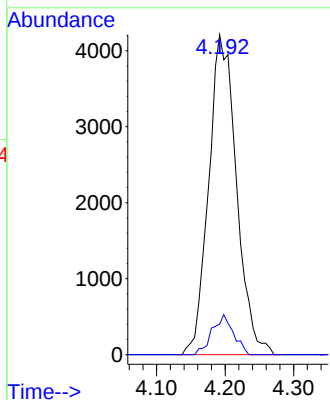
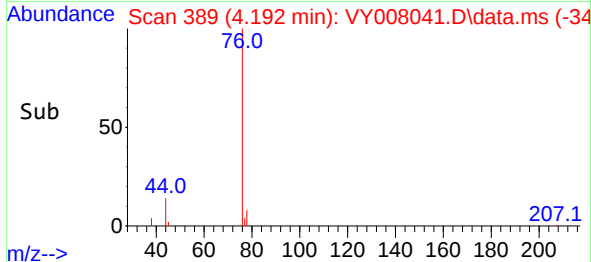
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



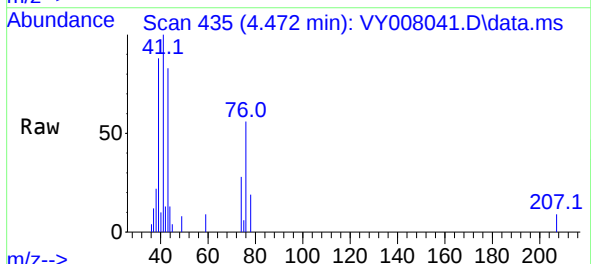
Tgt Ion: 76 Resp: 1186
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

Manual Integrations
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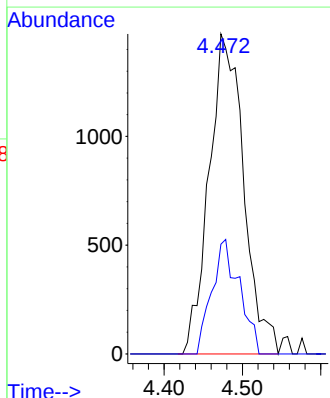
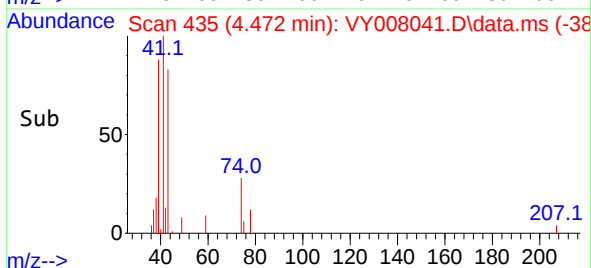
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

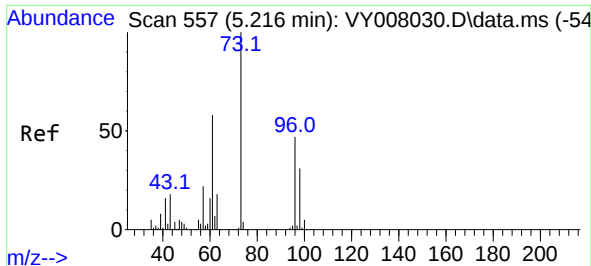


#18
Methyl Acetate
Concen: 3.826 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



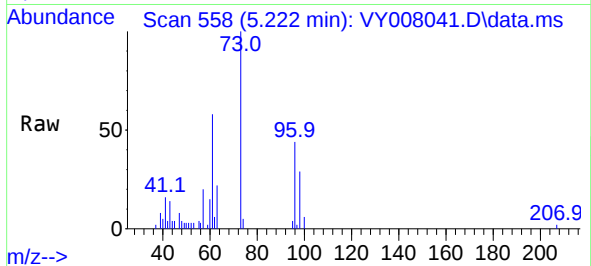
Tgt Ion: 43 Resp: 4519
Ion Ratio Lower Upper
43 100
74 28.4 16.6 24.8#





#19
Methyl tert-butyl Ether
Concen: 2.631 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

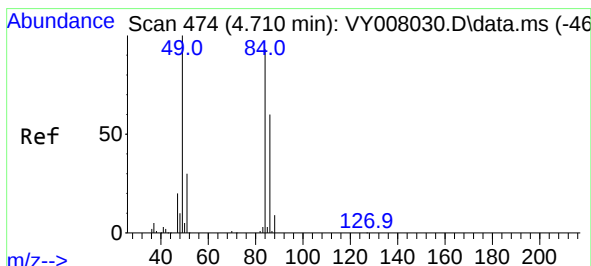
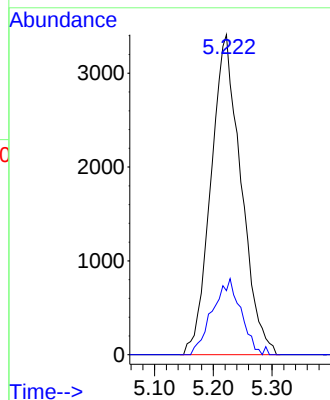
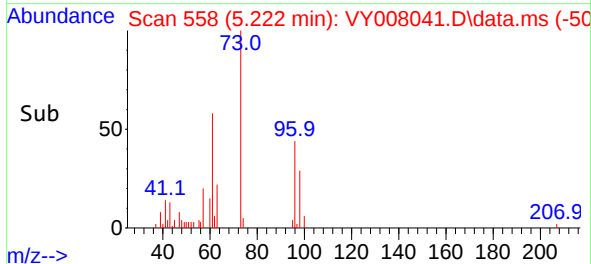
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 73 Resp: 1214
Ion Ratio Lower Upper
73 100
57 20.0 18.6 27.8

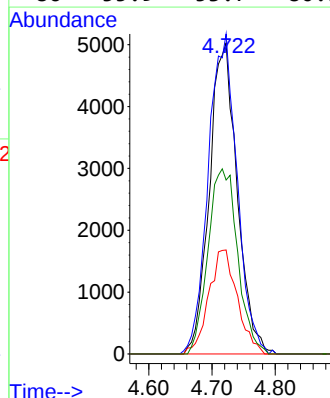
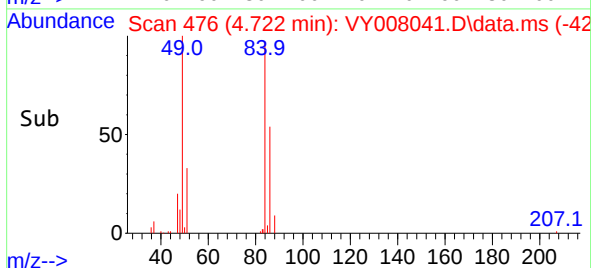
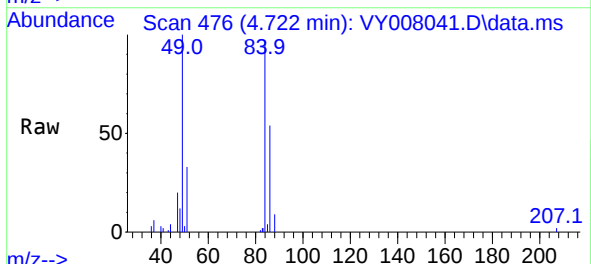
Manual Integrations
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Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#20
Methylene Chloride
Concen: 7.431 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

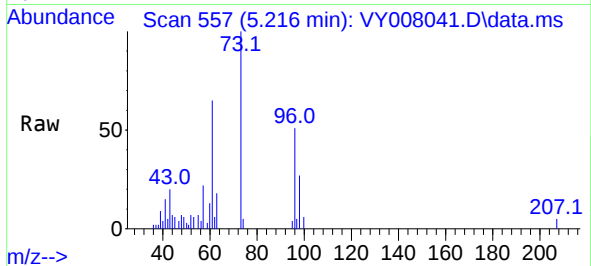
Tgt Ion: 84 Resp: 15313
Ion Ratio Lower Upper
84 100
49 102.9 114.4 171.6#
51 33.5 35.3 52.9#
86 55.9 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 2.704 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

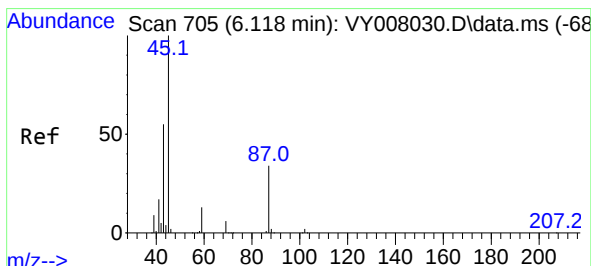
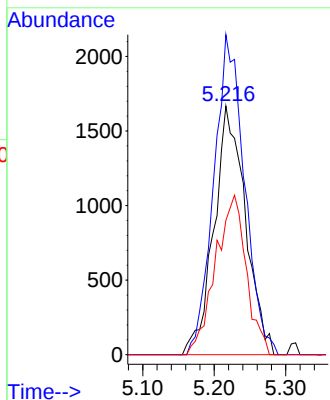
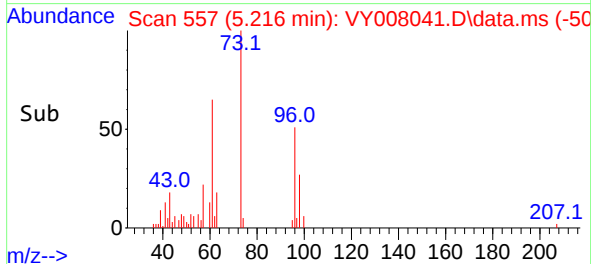
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 96 Resp: 5089
Ion Ratio Lower Upper
96 100
61 128.7 120.5 180.7
98 54.0 49.8 74.8

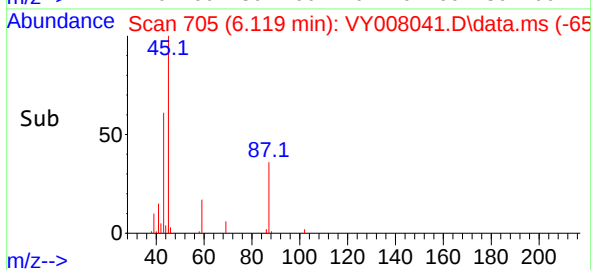
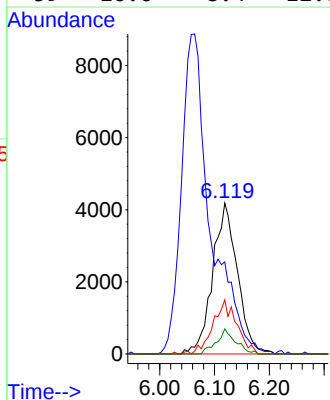
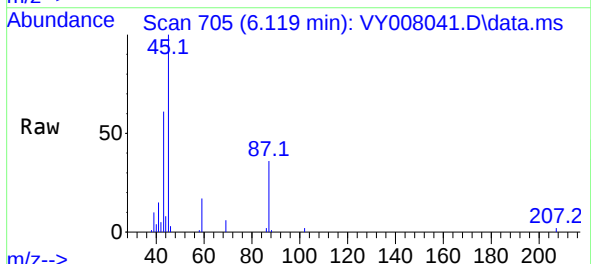
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#22
Diisopropyl ether
Concen: 2.865 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

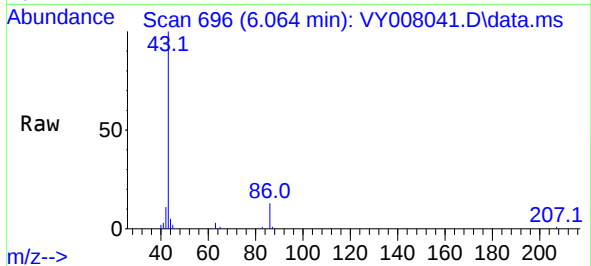
Tgt Ion: 45 Resp: 13172
Ion Ratio Lower Upper
45 100
43 59.3 49.3 73.9
87 35.9 19.2 28.8#
59 16.6 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 11.455 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.007 min
 Lab File: VY008041.D
 Acq: 26 Mar 2022 13:17

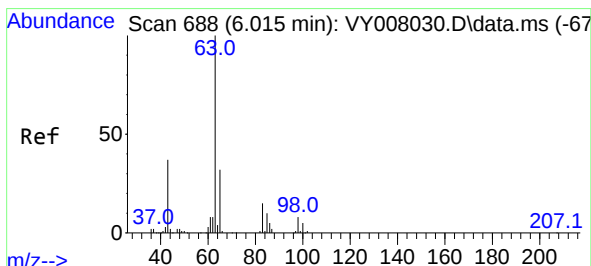
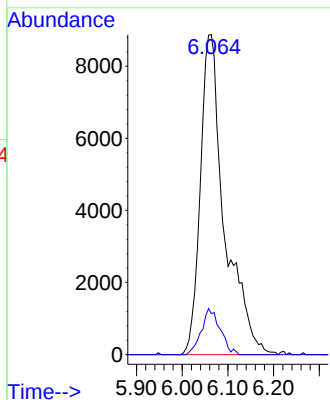
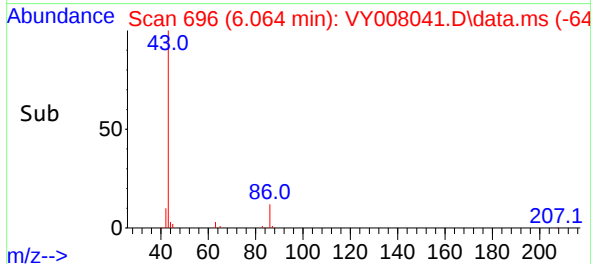
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 43 Resp: 3263
 Ion Ratio Lower Upper
 43 100
 86 12.9 7.1 10.7

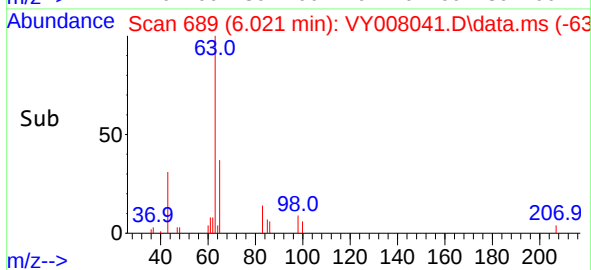
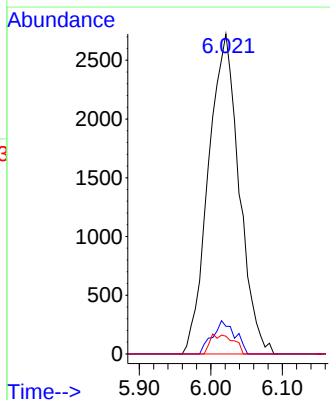
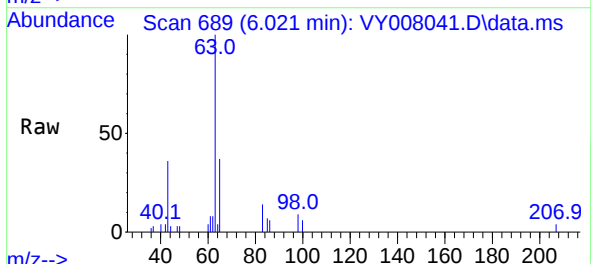
Manual Integrations
 APPROVED

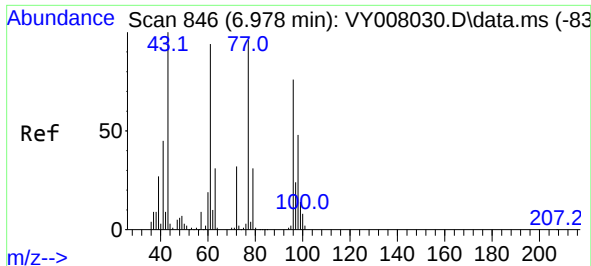
Reviewed By :John Carlone 03/28/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#24
 1,1-Dichloroethane
 Concen: 2.672 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY008041.D
 Acq: 26 Mar 2022 13:17

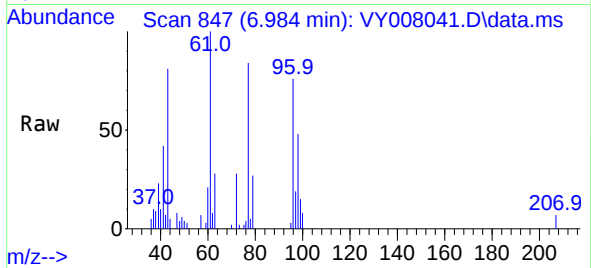
Tgt Ion: 63 Resp: 8132
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 5.5 2.0 5.8





#25
2-Butanone
Concen: 12.304 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

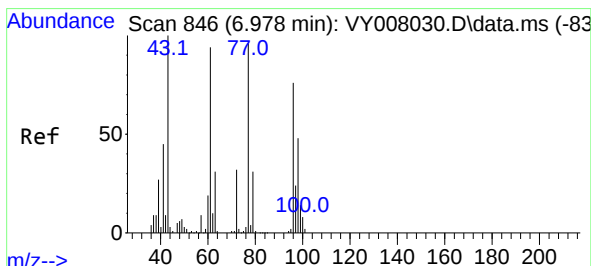
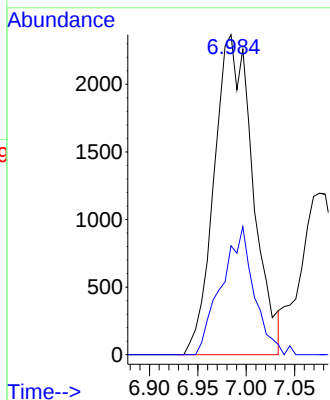
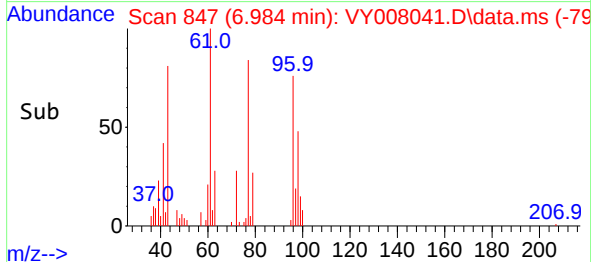
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
72 34.1 17.7 26.5

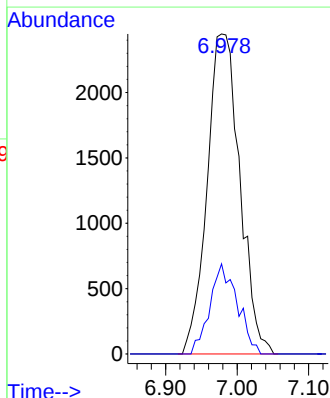
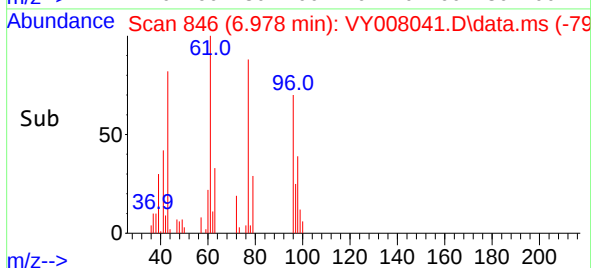
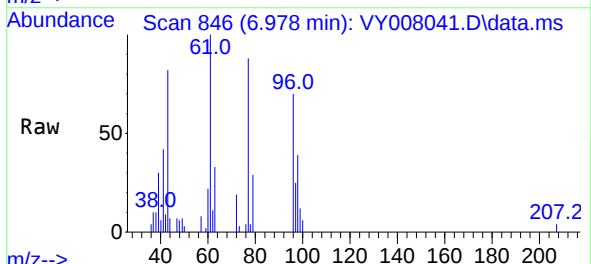
Manual Integrations
APPROVED

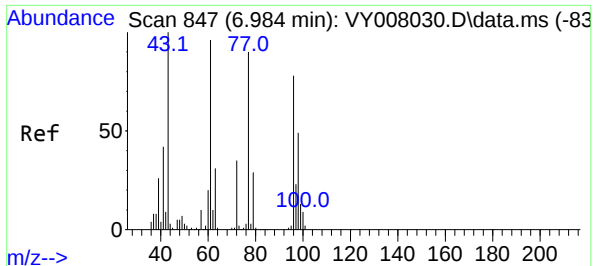
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#26
2,2-Dichloropropane
Concen: 2.703 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

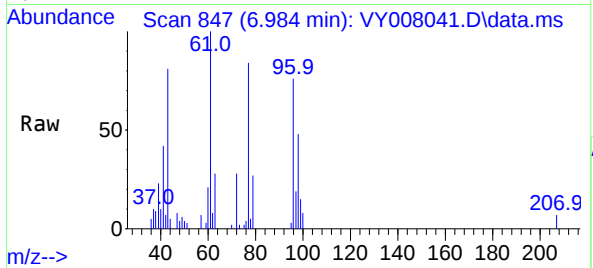
Tgt Ion: 77 Resp: 7790
Ion Ratio Lower Upper
77 100
97 23.7 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 2.785 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

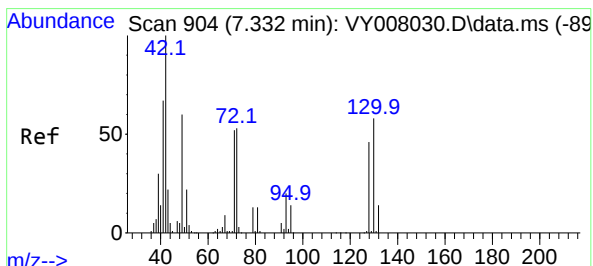
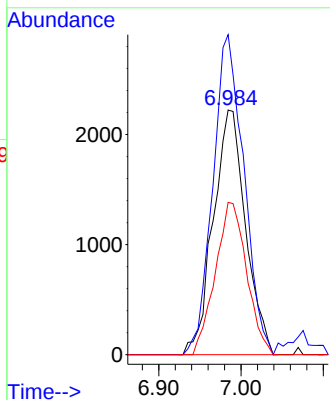
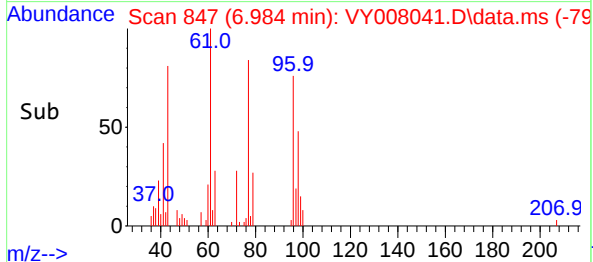
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 96 Resp: 6072
Ion Ratio Lower Upper
96 100
61 125.5 0.0 319.8
98 60.2 0.0 127.0

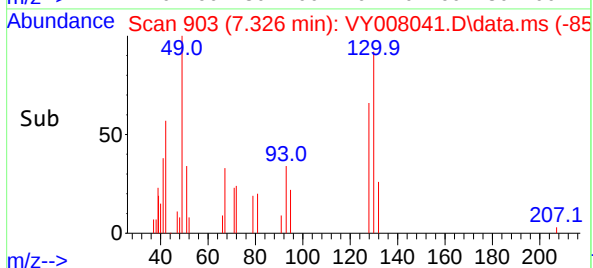
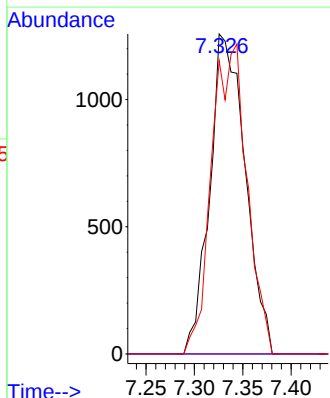
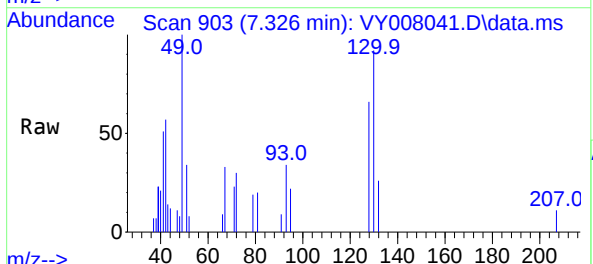
Manual Integrations
APPROVED

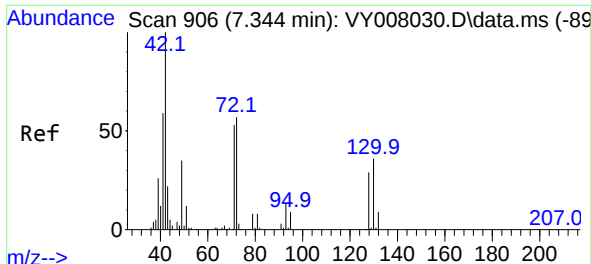
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#28
Bromochloromethane
Concen: 3.240 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

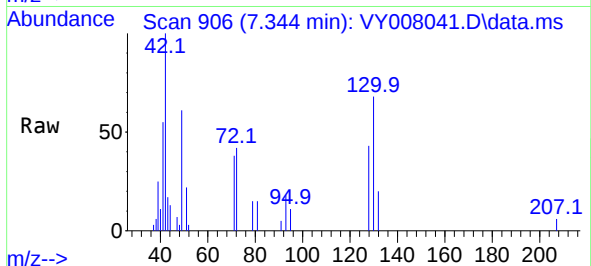
Tgt Ion: 49 Resp: 3198
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 96.6 55.4 83.0#





#29
Tetrahydrofuran
Concen: 13.569 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

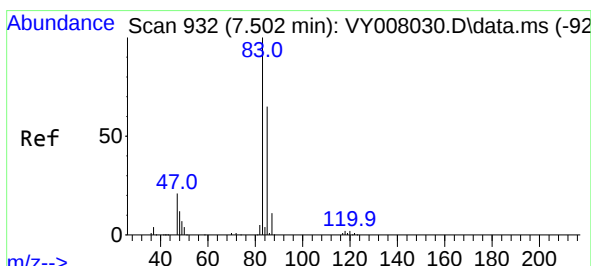
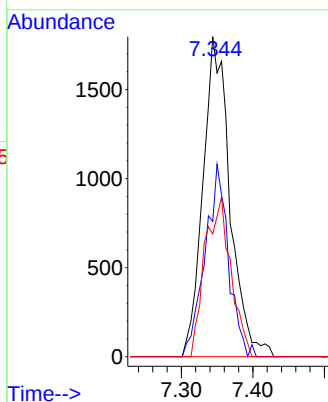
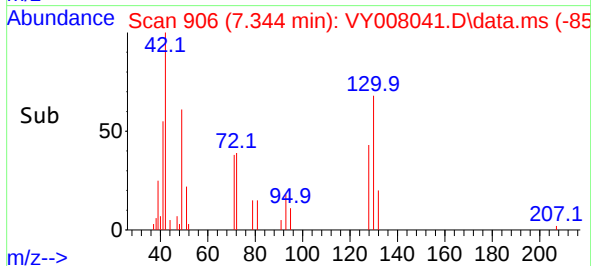
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



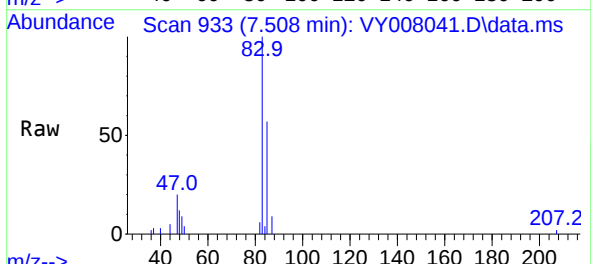
Tgt Ion: 42 Resp: 4711
Ion Ratio Lower Upper
42 100
72 52.0 30.3 45.5
71 47.7 29.0 43.4

Manual Integrations
APPROVED

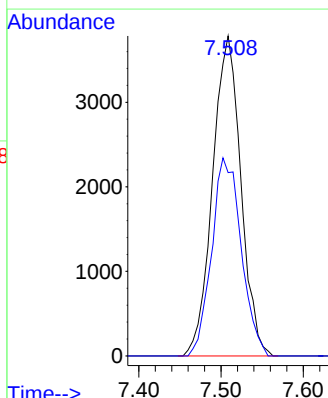
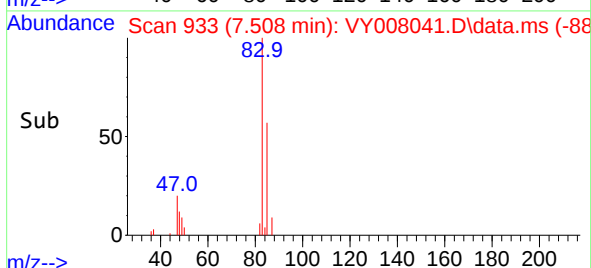
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

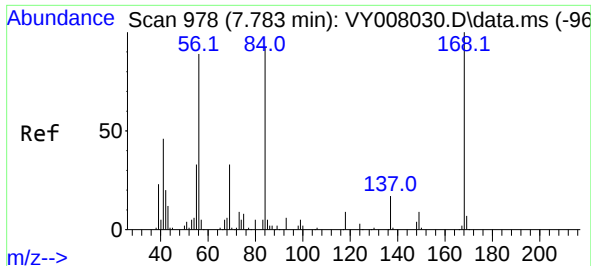


#30
Chloroform
Concen: 2.745 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



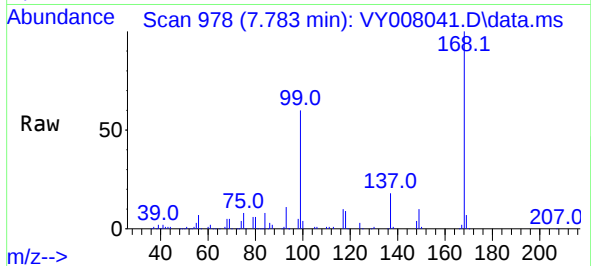
Tgt Ion: 83 Resp: 9046
Ion Ratio Lower Upper
83 100
85 57.3 51.8 77.6





#31
Cyclohexane
Concen: 3.593 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

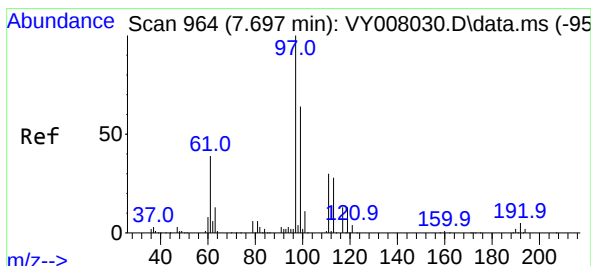
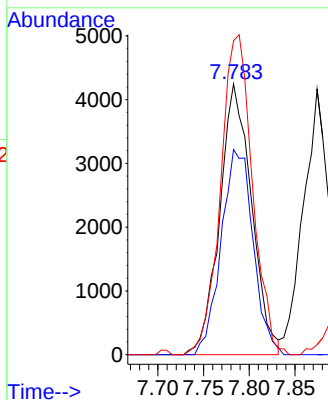
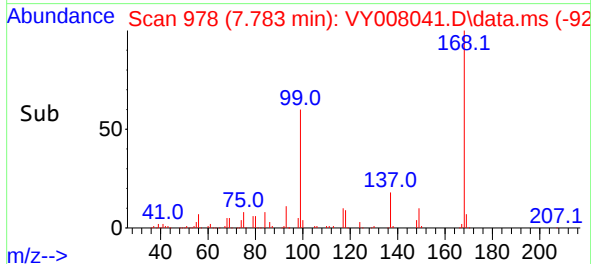
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



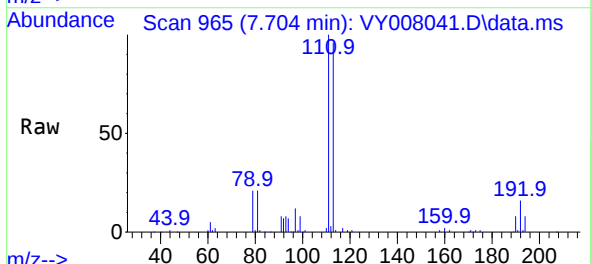
Tgt Ion: 56 Resp: 10314
Ion Ratio Lower Upper
56 100
69 75.8 26.7 40.1
84 116.0 67.2 100.8

Manual Integrations
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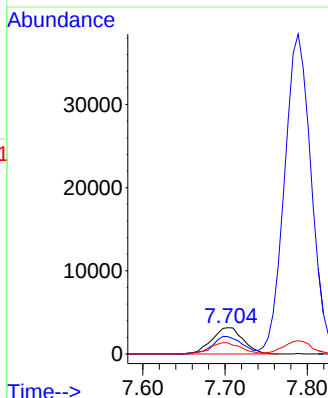
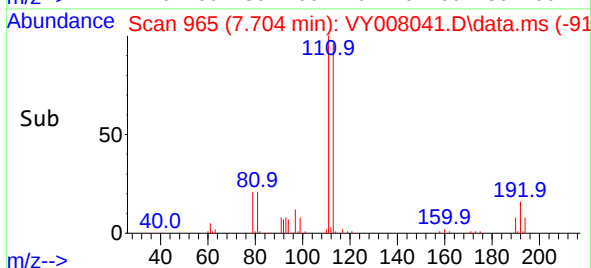
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

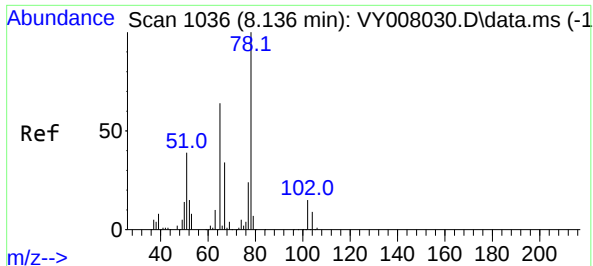


#32
1,1,1-Trichloroethane
Concen: 2.741 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



Tgt Ion: 97 Resp: 8348
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 42.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 55.757 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY008041.D

Acq: 26 Mar 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 65 Resp: 85630

Ion Ratio Lower Upper

65 100

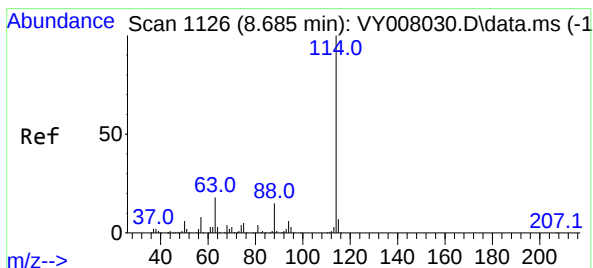
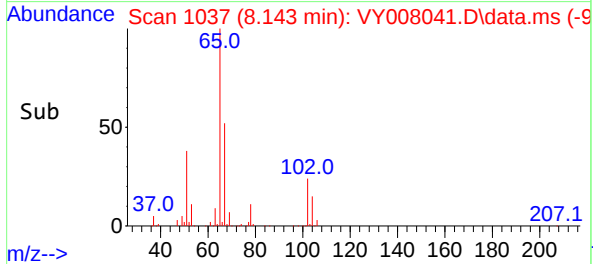
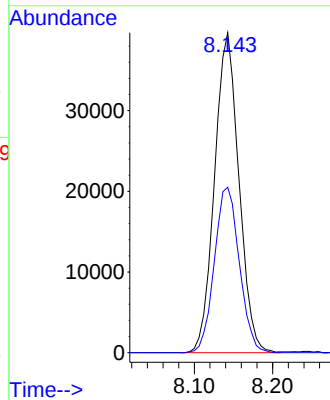
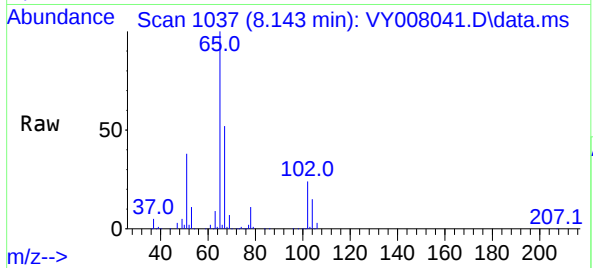
67 53.0 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008041.D

Acq: 26 Mar 2022 13:17

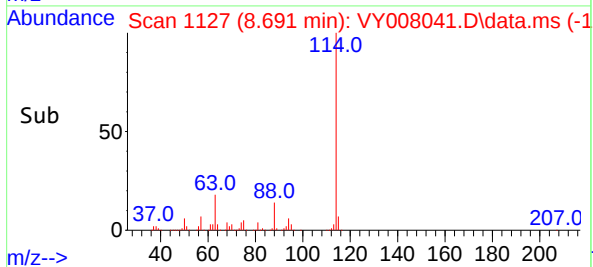
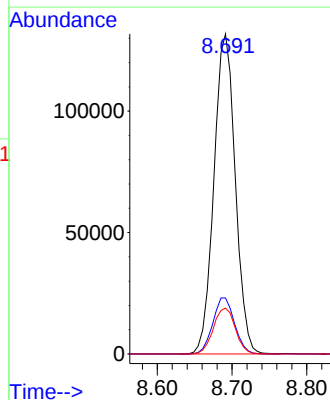
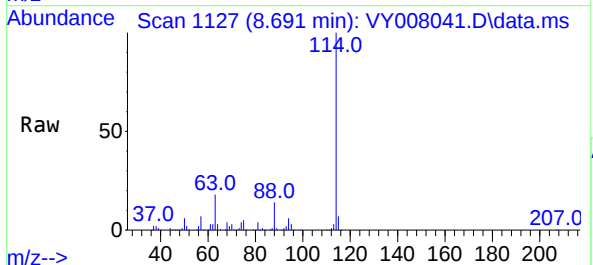
Tgt Ion:114 Resp: 261497

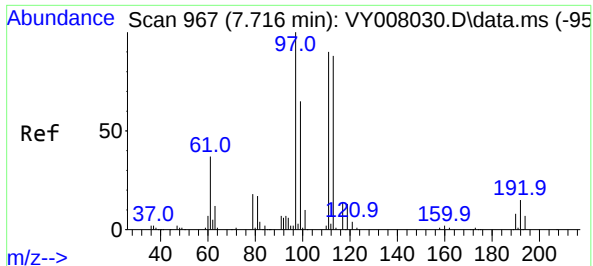
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

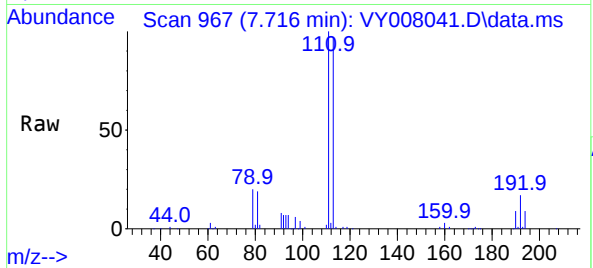
88 14.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 54.065 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

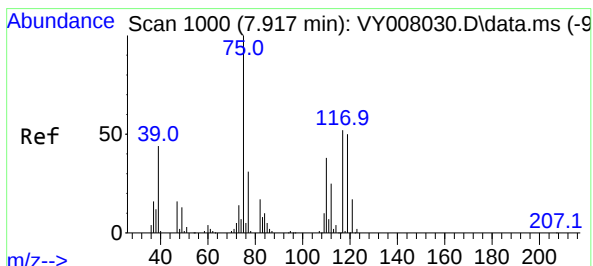
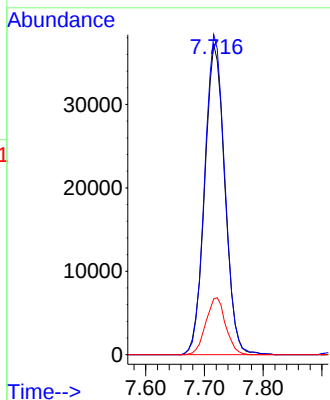
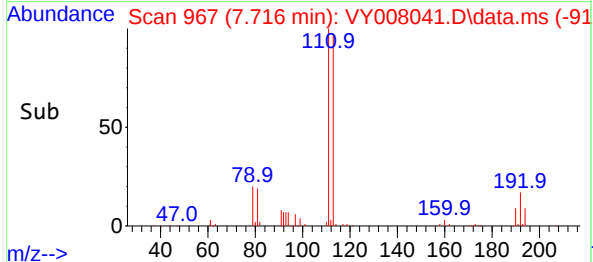
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



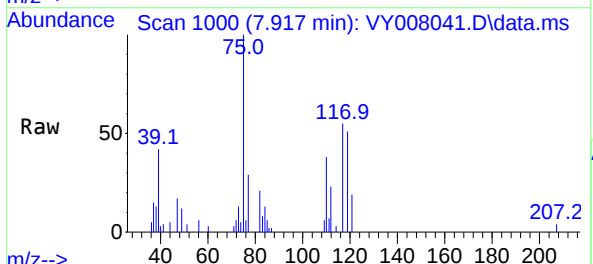
Tgt Ion:113 Resp: 88640
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.0 17.6 26.4

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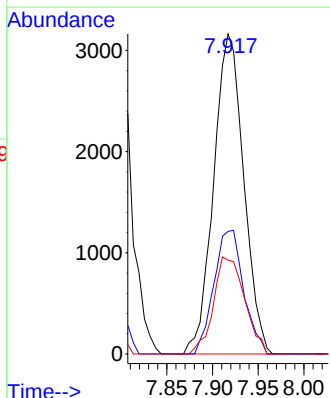
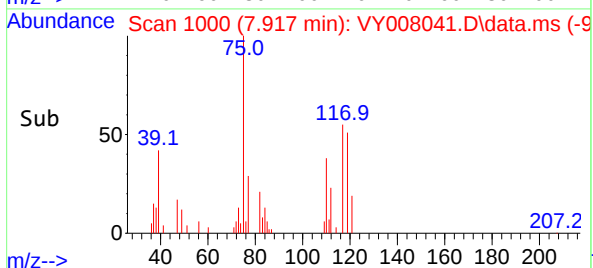
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

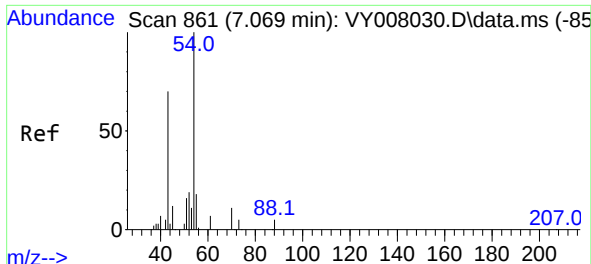


#36
1,1-Dichloropropene
Concen: 2.809 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



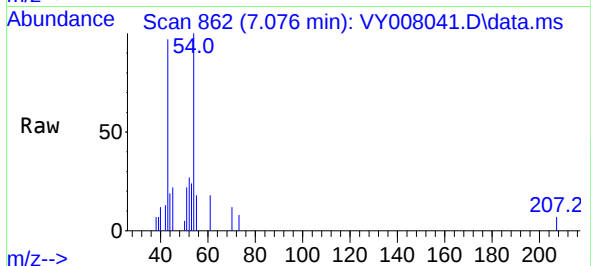
Tgt Ion: 75 Resp: 7235
Ion Ratio Lower Upper
75 100
110 38.3 17.1 51.2
77 31.3 24.4 36.6





#37
Ethyl Acetate
Concen: 2.811 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

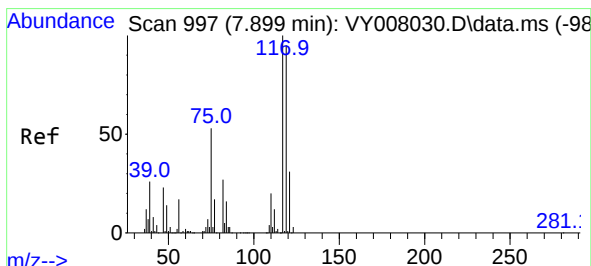
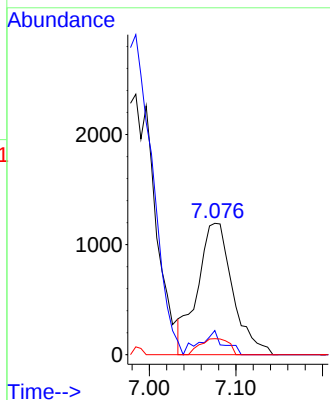
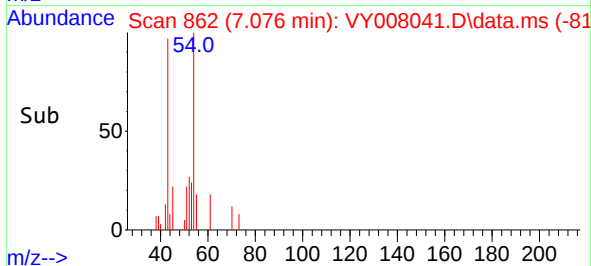
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 43 Resp: 3382
Ion Ratio Lower Upper
43 100
61 12.2 9.7 14.5
70 9.8 7.1 10.7

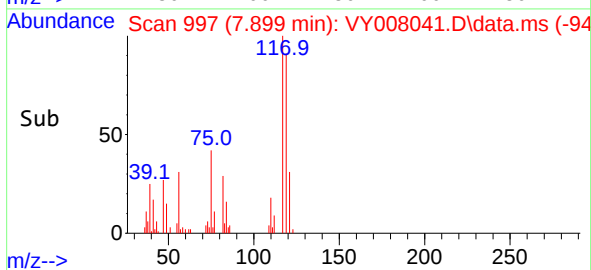
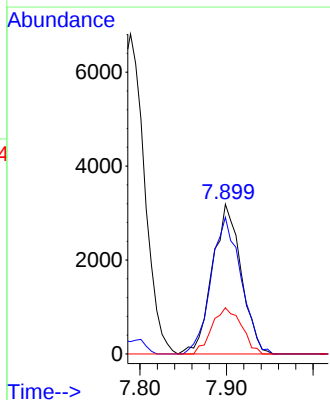
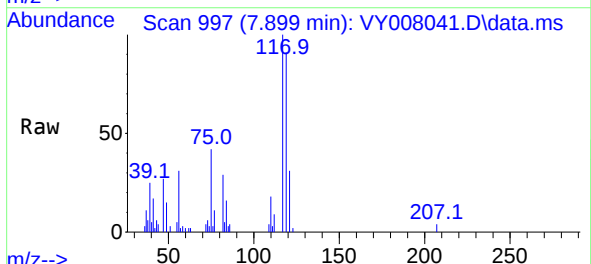
Manual Integrations
APPROVED

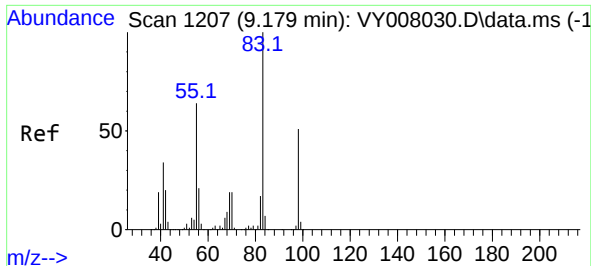
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 2.627 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Tgt Ion:117 Resp: 7374
Ion Ratio Lower Upper
117 100
119 91.2 77.9 116.9
121 30.9 24.8 37.2





#39

Methylcyclohexane

Concen: 2.578 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008041.D

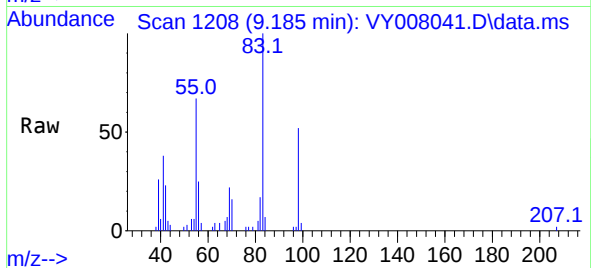
Acq: 26 Mar 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 83 Resp: 896

Ion Ratio Lower Upper

83 100

55 66.6 66.5 99.7

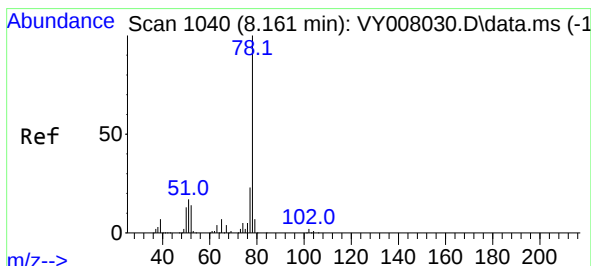
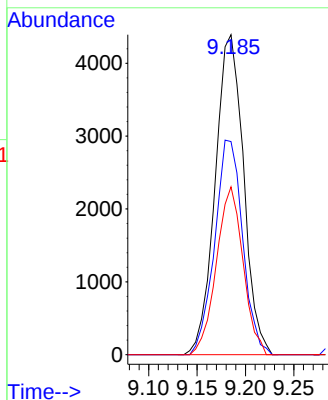
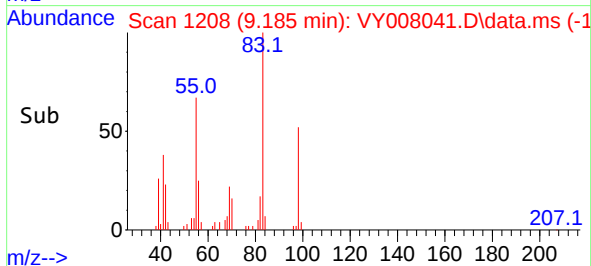
98 52.5 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#40

Benzene

Concen: 2.750 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008041.D

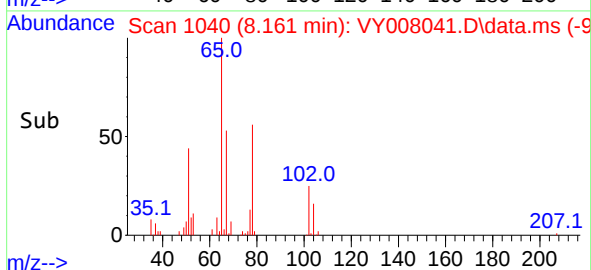
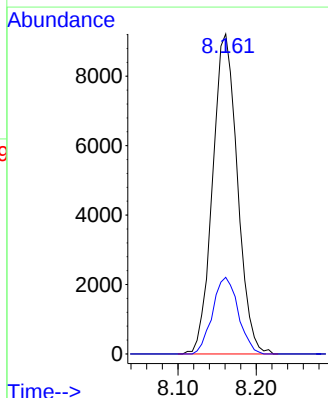
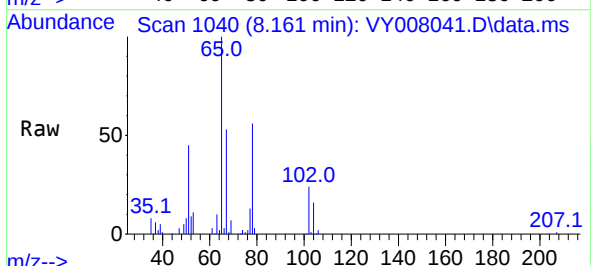
Acq: 26 Mar 2022 13:17

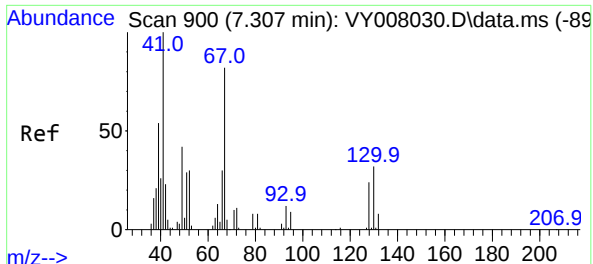
Tgt Ion: 78 Resp: 20260

Ion Ratio Lower Upper

78 100

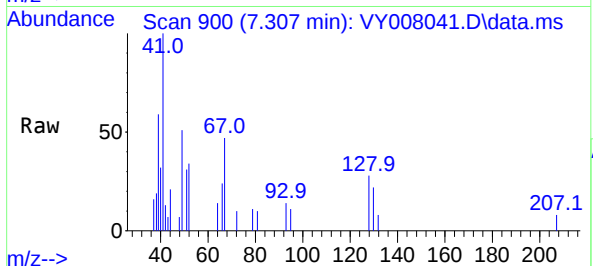
77 23.9 20.4 30.6





#41
Methacrylonitrile
Concen: 2.511 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

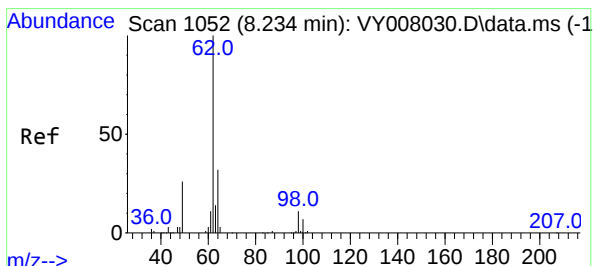
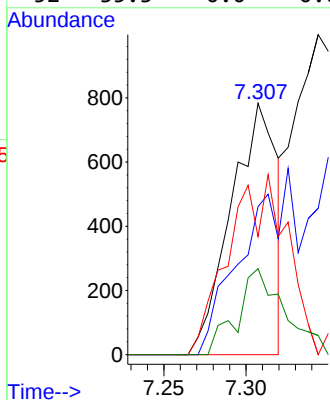
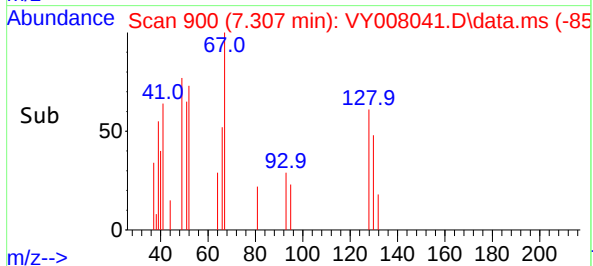
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 41 Resp: 151
Ion Ratio Lower Upper
41 100
39 59.1 92.9 139.3
67 51.0 0.0 0.0
52 35.3 0.0 0.0

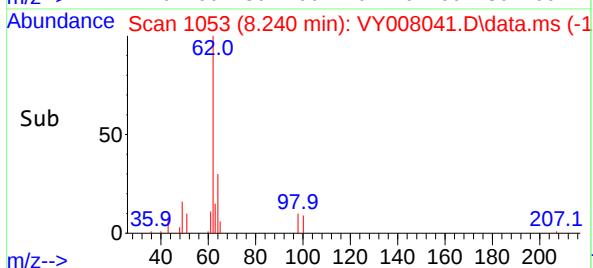
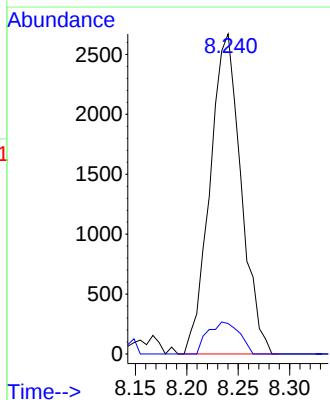
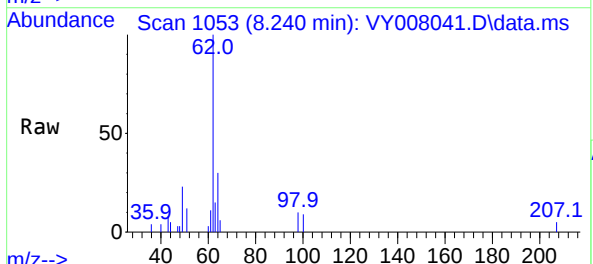
Manual Integrations
APPROVED

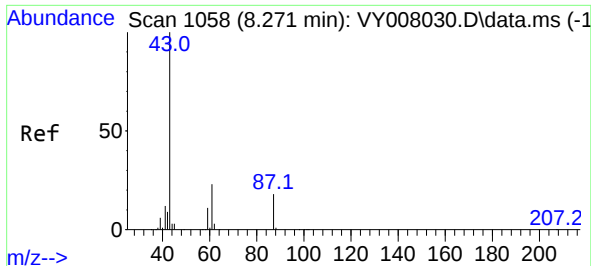
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#42
1,2-Dichloroethane
Concen: 2.720 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

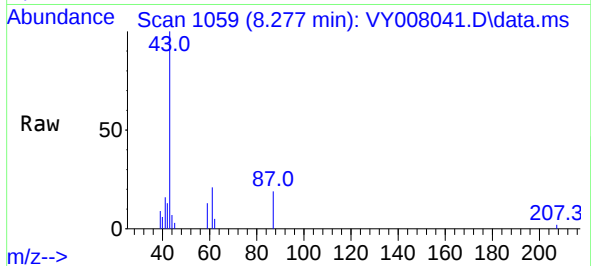
Tgt Ion: 62 Resp: 5620
Ion Ratio Lower Upper
62 100
98 10.1 0.0 14.8





#43
Isopropyl Acetate
Concen: 2.582 ug/l
RT: 8.277 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

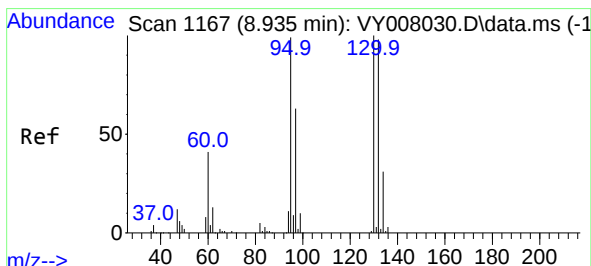
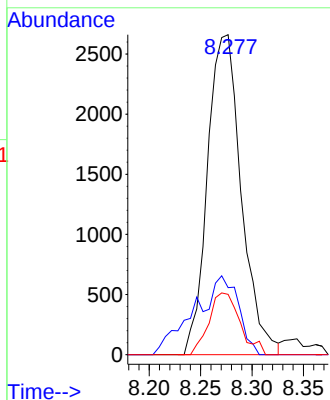
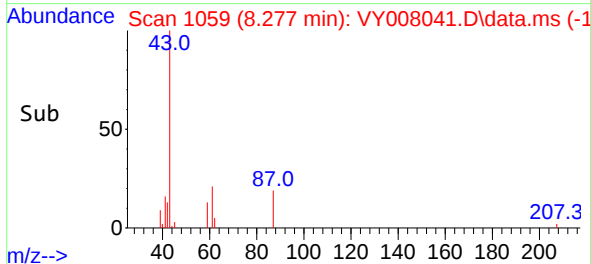
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 43 Resp: 6098
Ion Ratio Lower Upper
43 100
61 32.2 20.2 30.2
87 17.7 8.9 13.3

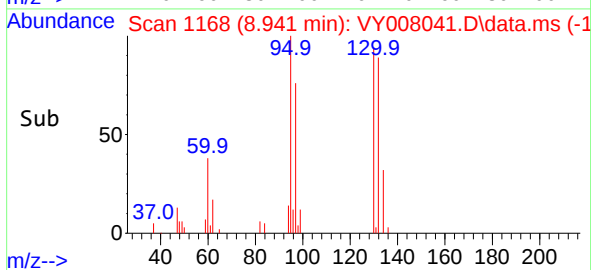
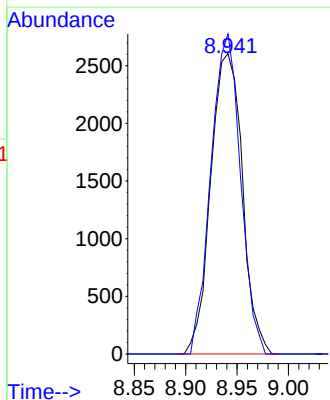
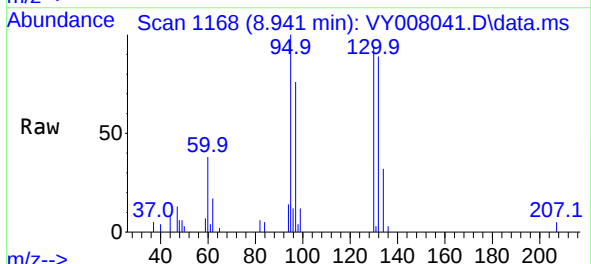
Manual Integrations
APPROVED

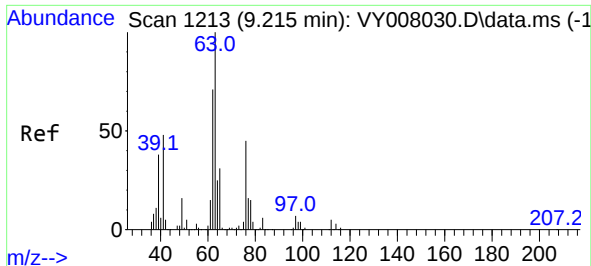
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#44
Trichloroethene
Concen: 2.613 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Tgt Ion:130 Resp: 5566
Ion Ratio Lower Upper
130 100
95 106.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 2.837 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008041.D

Acq: 26 Mar 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

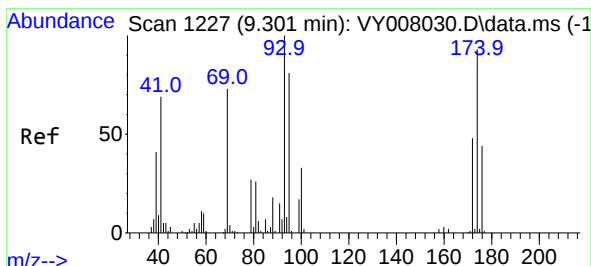
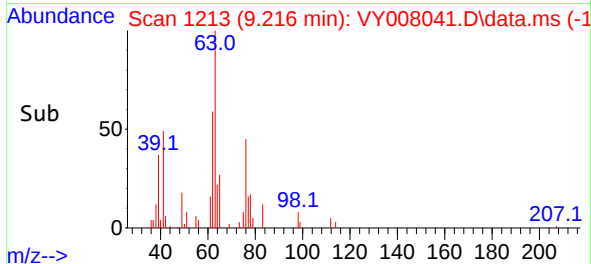
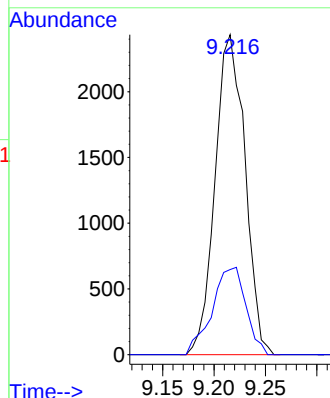
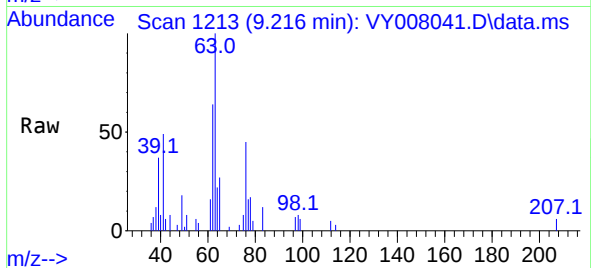
Tgt Ion:	63	Resp:	492
Ion Ratio	Lower	Upper	
63	100		
65	26.6	23.0	34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#46

Dibromomethane

Concen: 2.702 ug/l

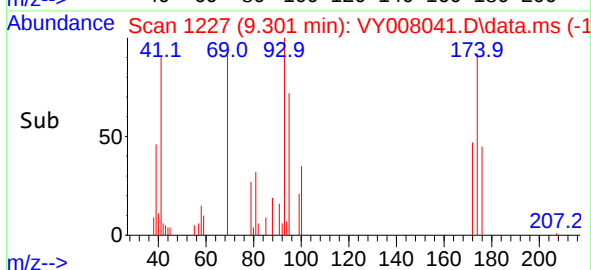
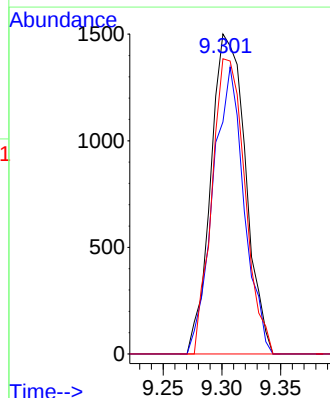
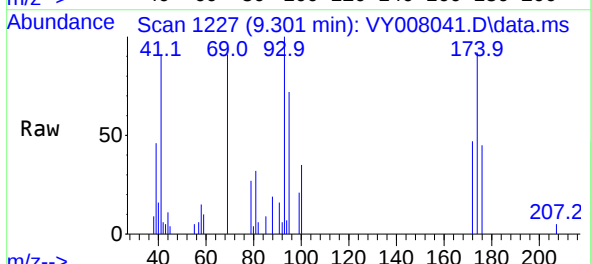
RT: 9.301 min Scan# 1227

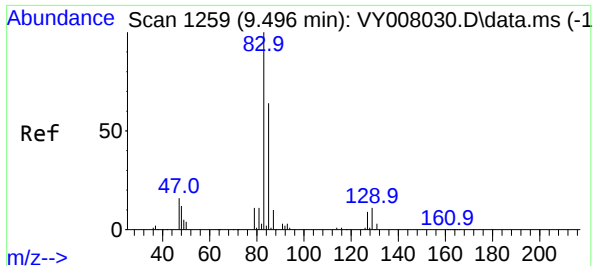
Delta R.T. -0.000 min

Lab File: VY008041.D

Acq: 26 Mar 2022 13:17

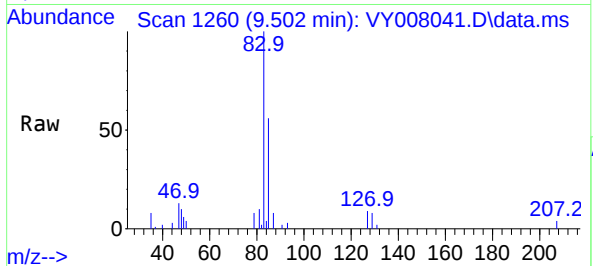
Tgt Ion:	93	Resp:	3084
Ion Ratio	Lower	Upper	
93	100		
95	80.6	64.3	96.5
174	87.6	83.4	125.0





#47
Bromodichloromethane
Concen: 2.663 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

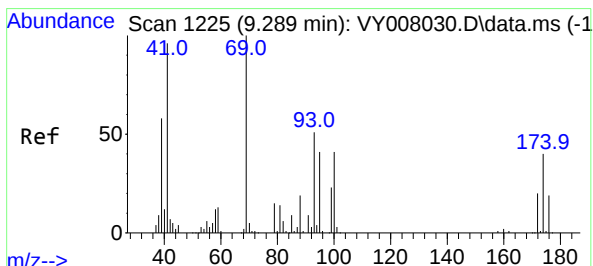
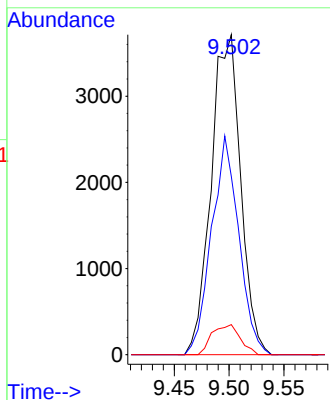
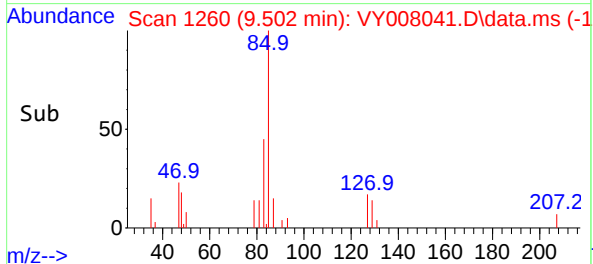
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



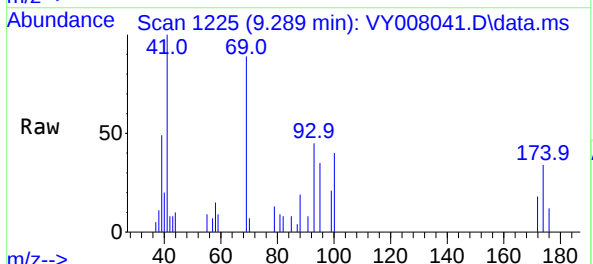
Tgt Ion: 83 Resp: 695
Ion Ratio Lower Upper
83 100
85 55.7 51.9 77.9
127 9.4 6.6 10.0

Manual Integrations
APPROVED

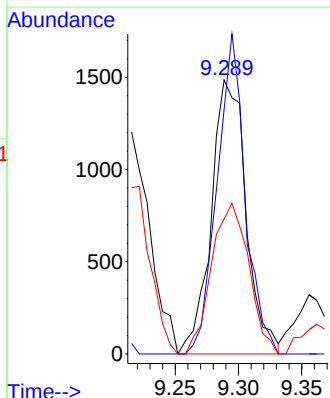
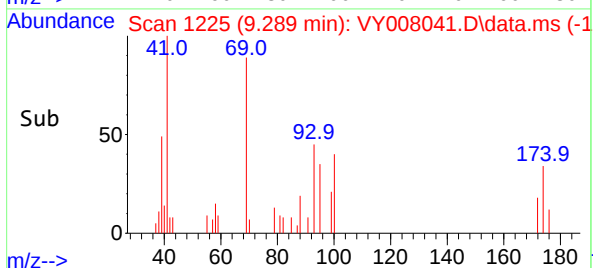
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

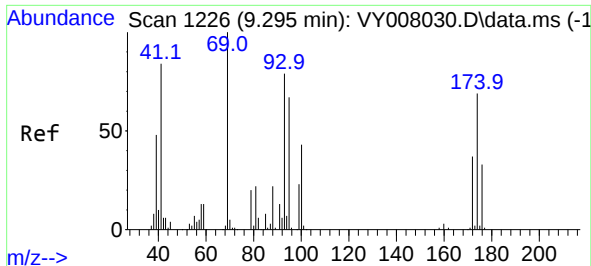


#48
Methyl methacrylate
Concen: 2.718 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



Tgt Ion: 41 Resp: 2843
Ion Ratio Lower Upper
41 100
69 94.2 58.2 87.2#
39 58.7 47.4 71.0





#49

1,4-Dioxane

Concen: 43.161 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY008041.D

Acq: 26 Mar 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 88 Resp: 65

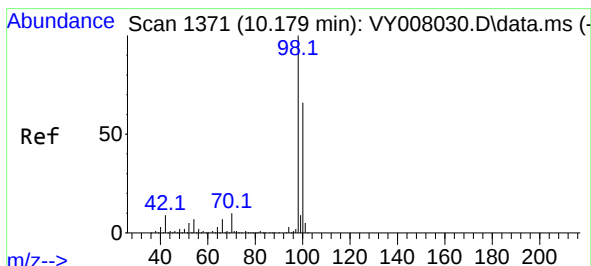
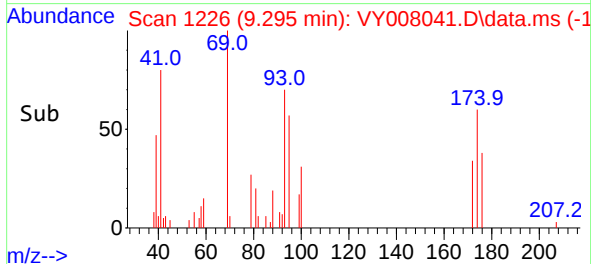
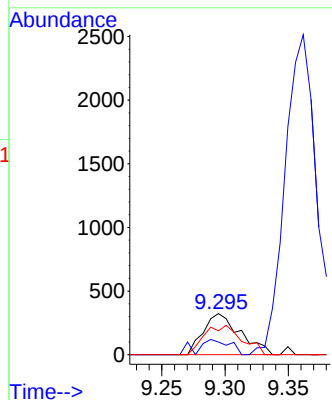
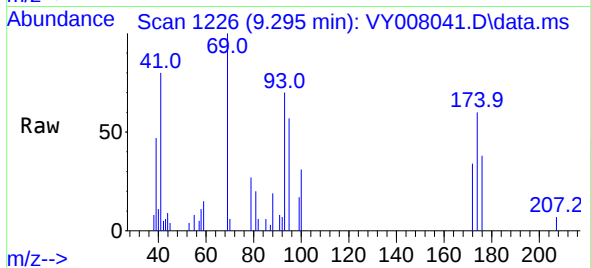
Ion	Ratio	Lower	Upper
88	100		
43	32.4	32.8	49.2
58	73.0	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#50

Toluene-d8

Concen: 55.556 ug/l

RT: 10.179 min Scan# 1371

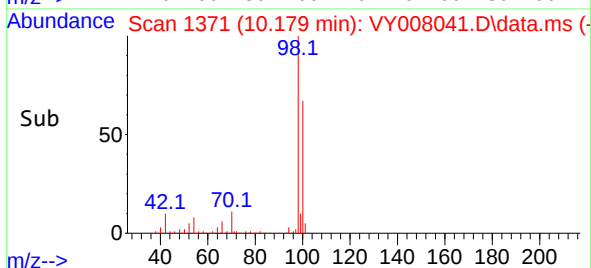
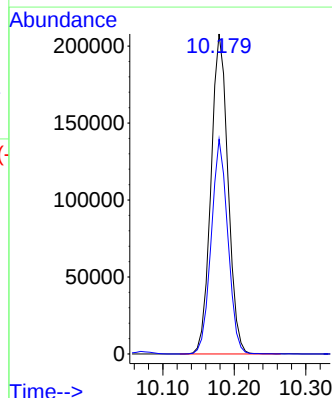
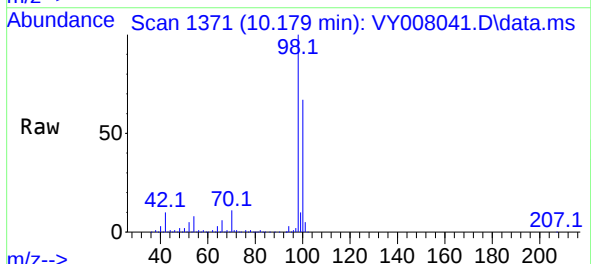
Delta R.T. -0.000 min

Lab File: VY008041.D

Acq: 26 Mar 2022 13:17

Tgt Ion: 98 Resp: 343161

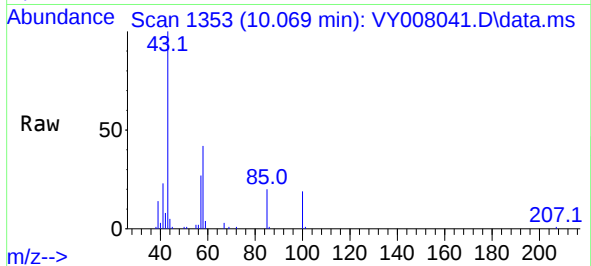
Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 12.359 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

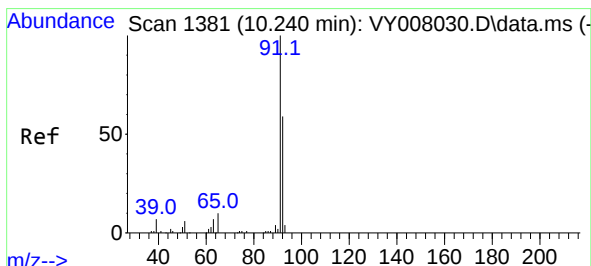
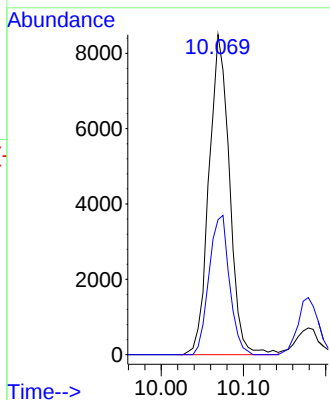
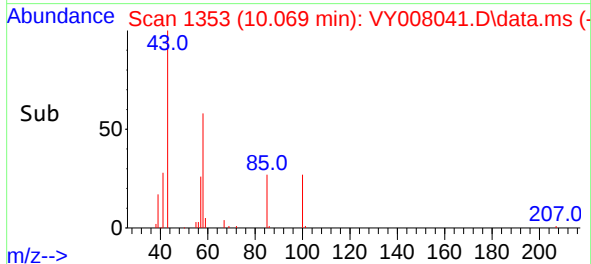
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 43 Resp: 1472
Ion Ratio Lower Upper
43 100
58 43.4 28.1 42.1

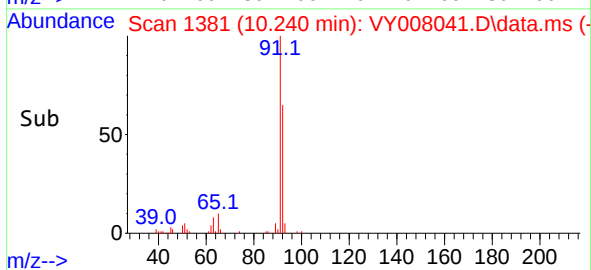
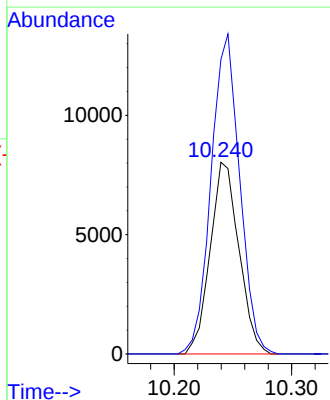
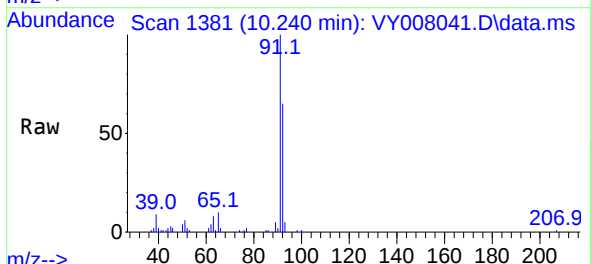
Manual Integrations
APPROVED

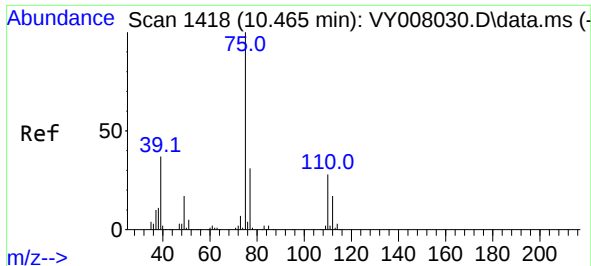
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Toluene
Concen: 2.831 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

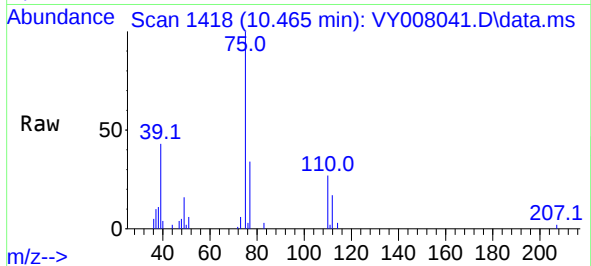
Tgt Ion: 92 Resp: 13677
Ion Ratio Lower Upper
92 100
91 166.0 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 2.459 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

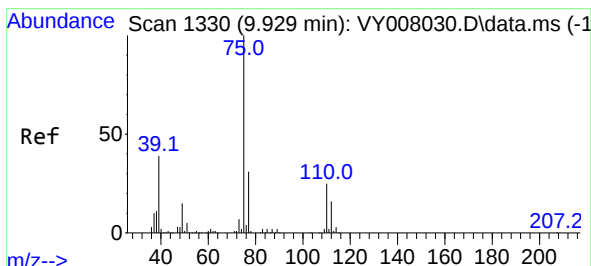
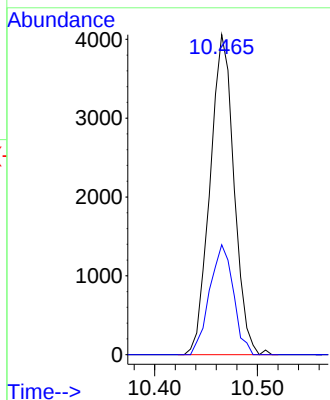
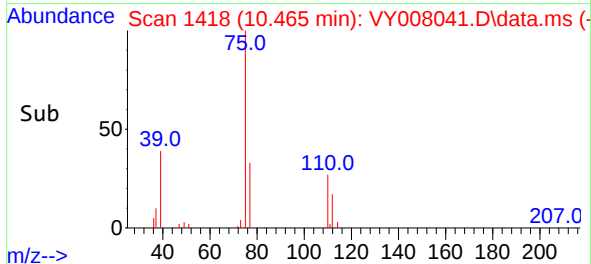
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



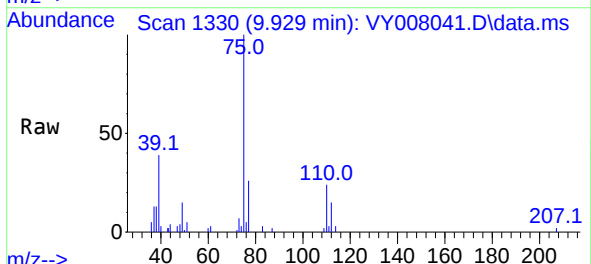
Tgt Ion: 75 Resp: 658
Ion Ratio Lower Upper
75 100
77 34.4 25.4 38.2

Manual Integrations
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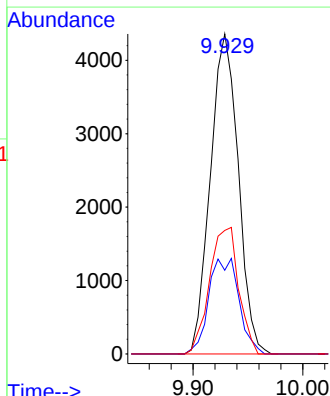
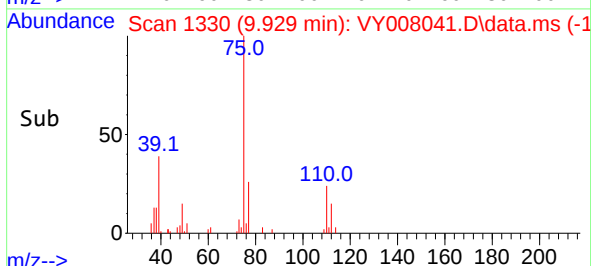
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#54
cis-1,3-Dichloropropene
Concen: 2.544 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



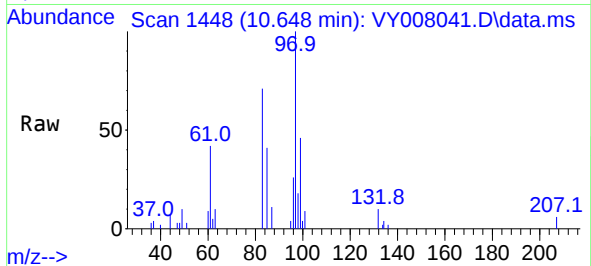
Tgt Ion: 75 Resp: 7707
Ion Ratio Lower Upper
75 100
77 26.1 25.6 38.4
39 38.6 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 2.770 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

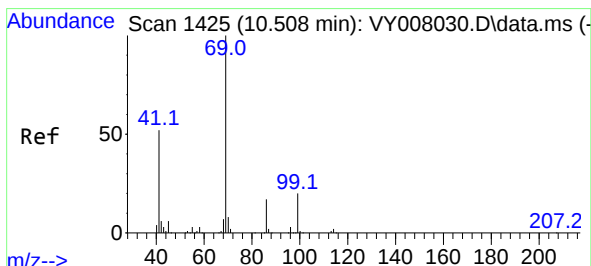
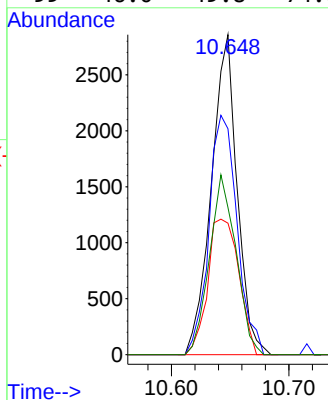
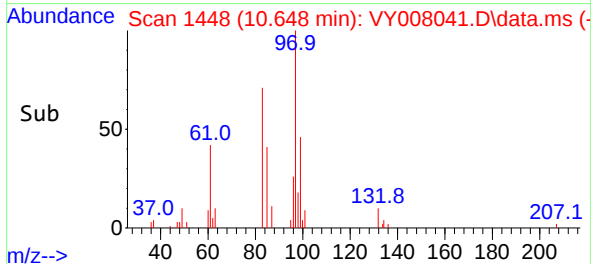
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



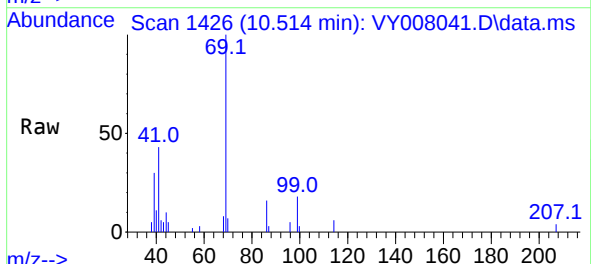
Tgt Ion: 97 Resp: 4360
Ion Ratio Lower Upper
97 100
83 70.6 69.8 104.8
85 41.1 44.3 66.5
99 46.0 49.8 74.6#

Manual Integrations
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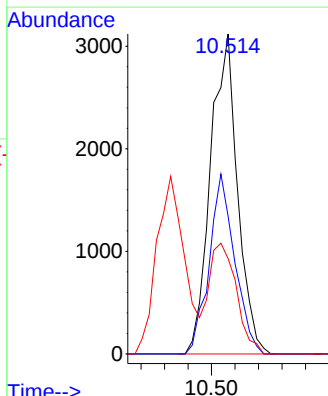
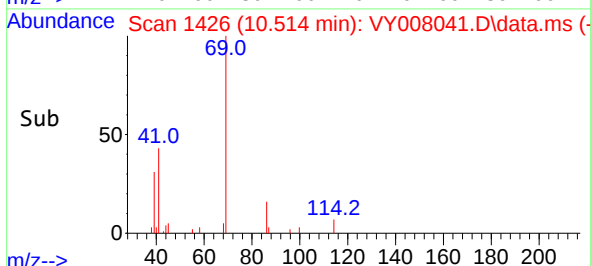
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

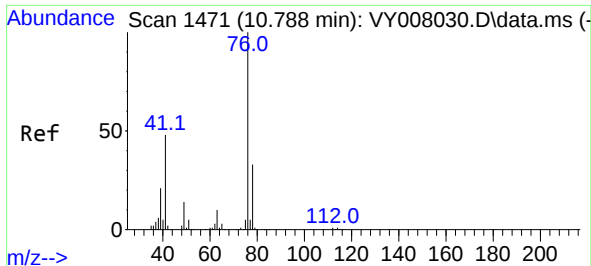


#56
Ethyl methacrylate
Concen: 2.420 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



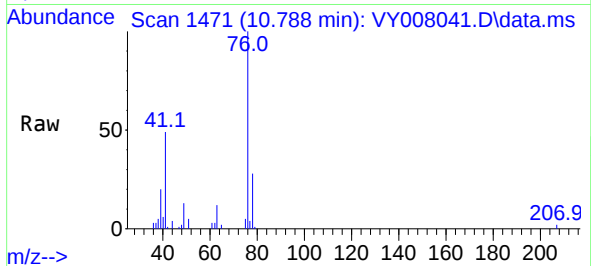
Tgt Ion: 69 Resp: 4977
Ion Ratio Lower Upper
69 100
41 53.2 63.4 95.0#
39 35.3 35.8 53.8#





#57
1,3-Dichloropropane
Concen: 2.766 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

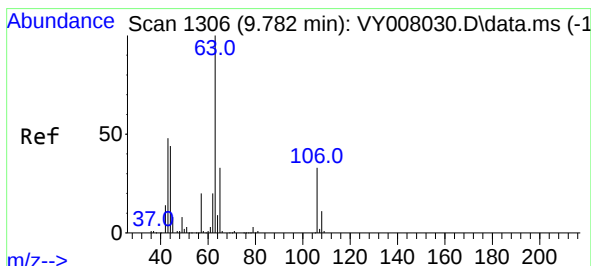
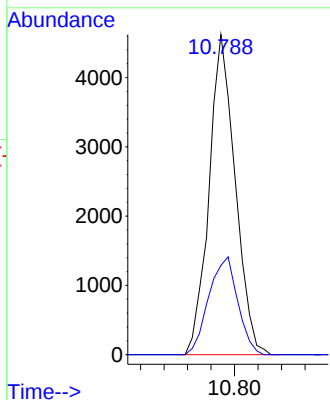
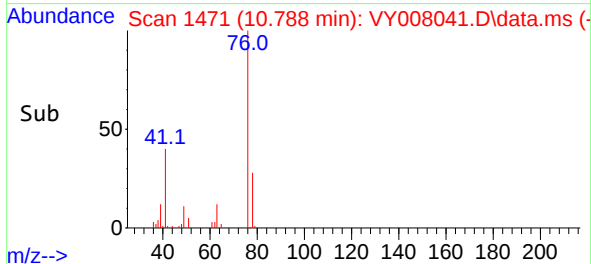
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 76 Resp: 7135
Ion Ratio Lower Upper
76 100
78 33.8 25.0 37.6

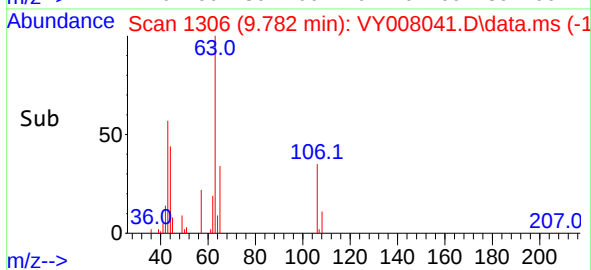
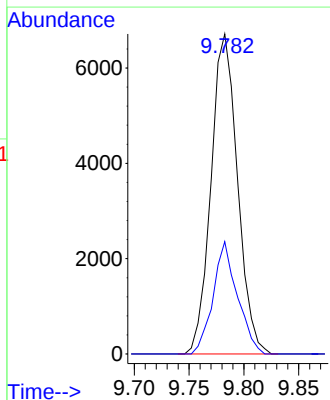
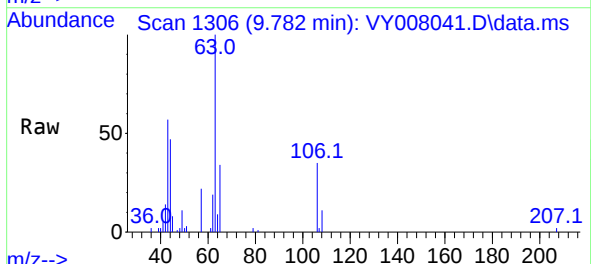
Manual Integrations
APPROVED

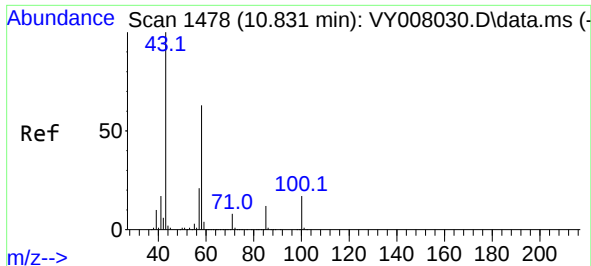
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#58
2-Chloroethyl Vinyl ether
Concen: 13.252 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

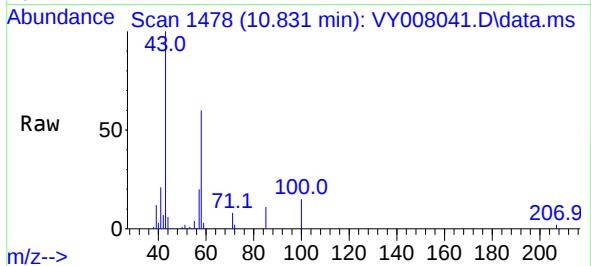
Tgt Ion: 63 Resp: 11290
Ion Ratio Lower Upper
63 100
106 32.1 21.5 32.3





#59
2-Hexanone
Concen: 11.664 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

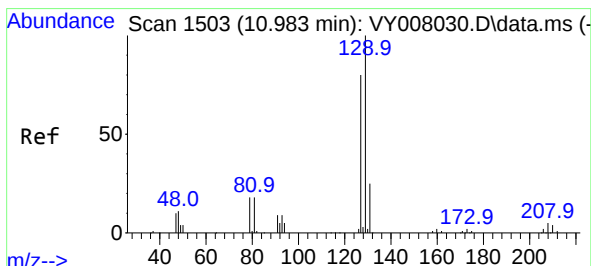
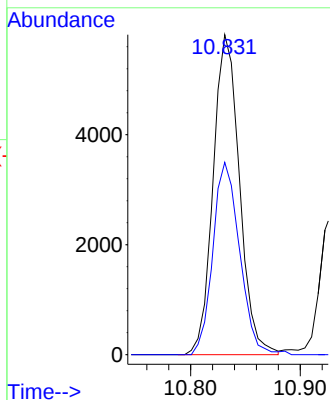
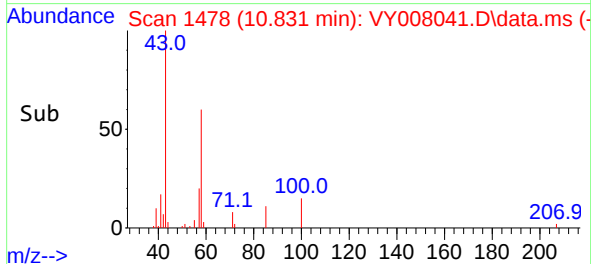
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
58 61.0 24.4 73.4

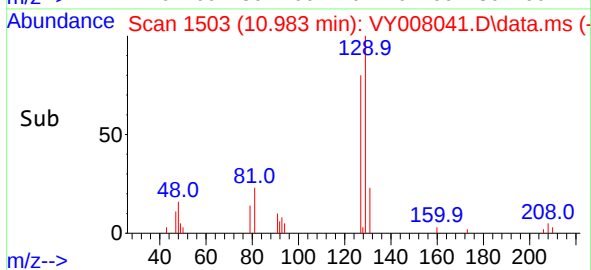
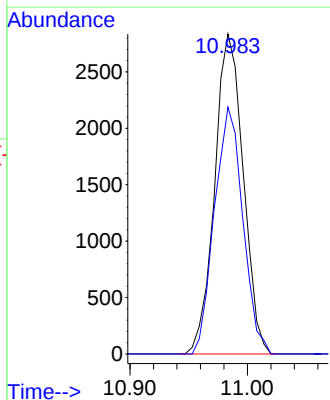
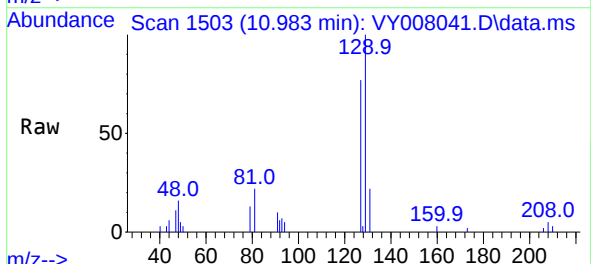
Manual Integrations
APPROVED

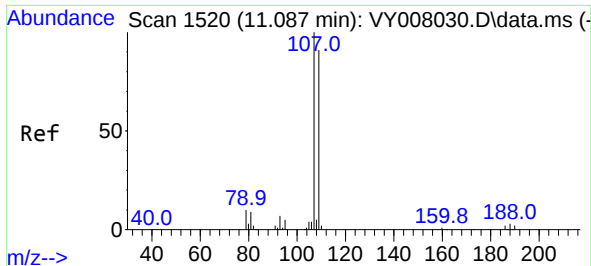
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#60
Dibromochloromethane
Concen: 2.494 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Tgt Ion:129 Resp: 4782
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1





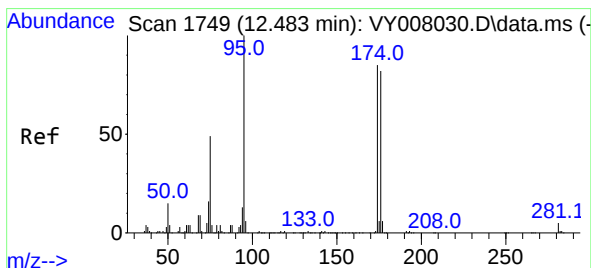
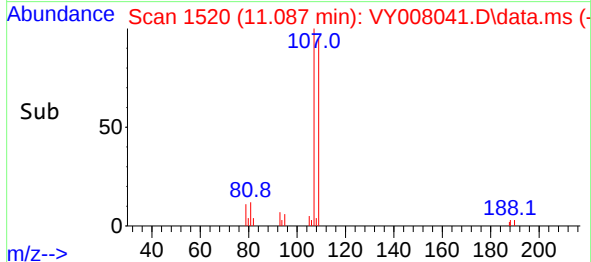
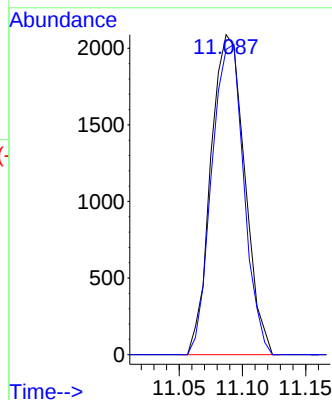
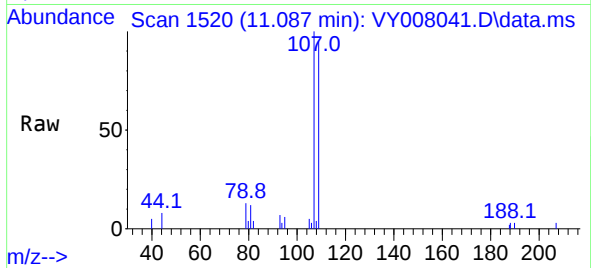
#61
1,2-Dibromoethane
Concen: 2.476 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:107 Resp: 388
Ion Ratio Lower Upper
107 100
109 92.1 75.4 113.2

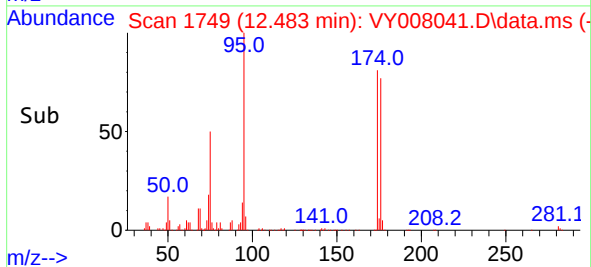
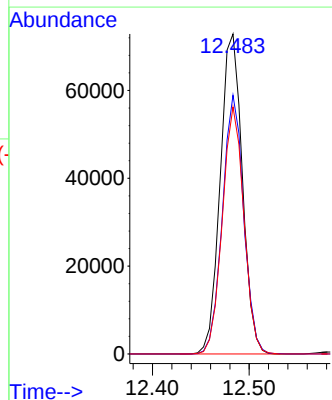
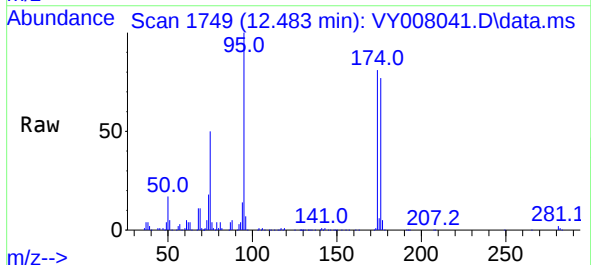
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#62
4-Bromofluorobenzene
Concen: 52.920 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

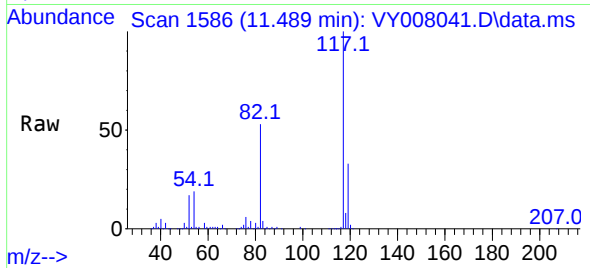
Tgt Ion: 95 Resp: 115325
Ion Ratio Lower Upper
95 100
174 77.8 0.0 177.0
176 75.1 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

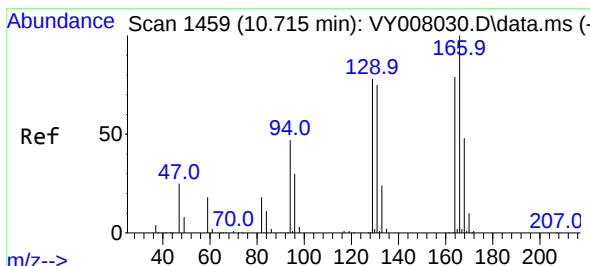
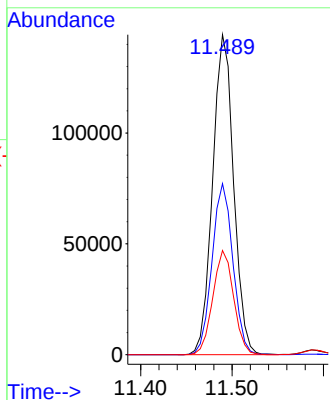
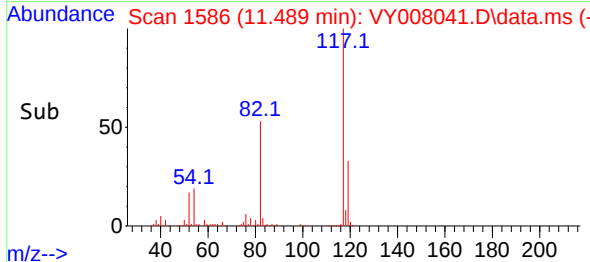
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



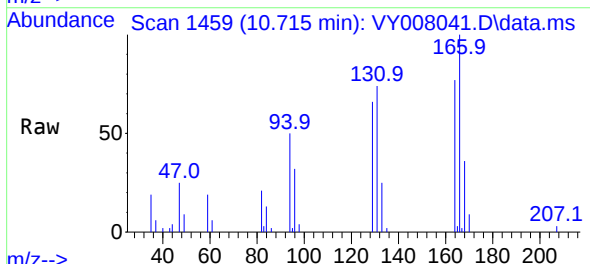
Tgt Ion:117 Resp: 230262
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.5 25.4 38.0

Manual Integrations
APPROVED

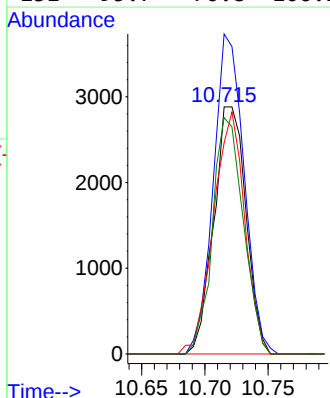
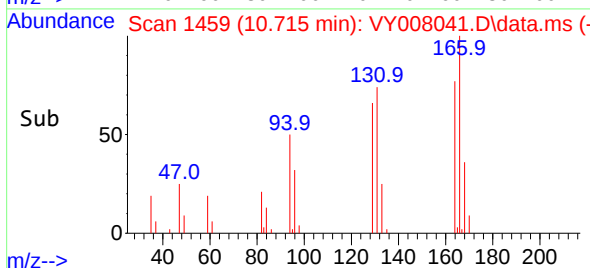
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

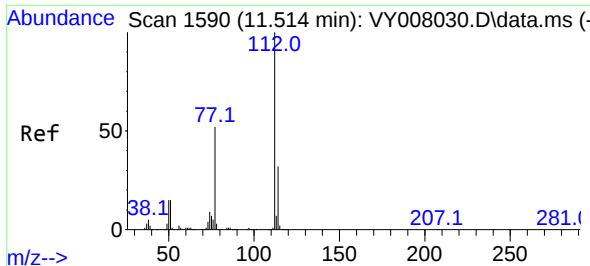


#64
Tetrachloroethene
Concen: 2.878 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



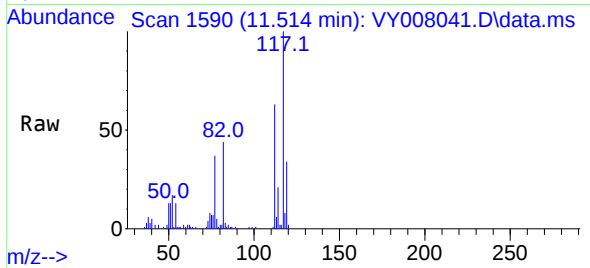
Tgt Ion:164 Resp: 5090
Ion Ratio Lower Upper
164 100
166 129.5 100.4 150.6
129 85.4 71.4 107.0
131 95.7 70.8 106.2





#65
Chlorobenzene
Concen: 2.762 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

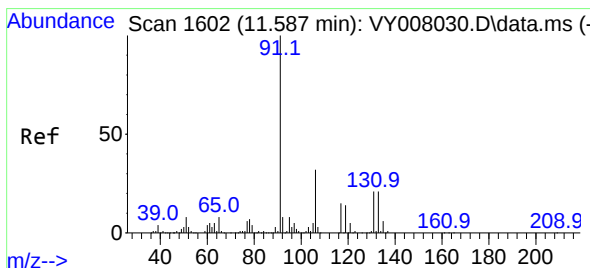
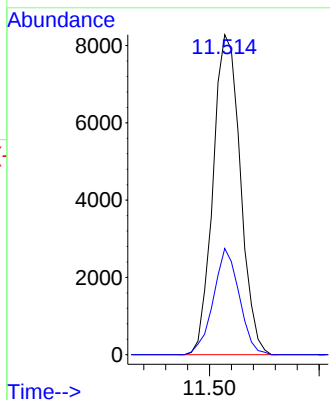
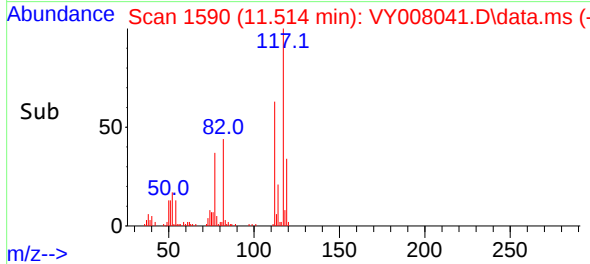
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



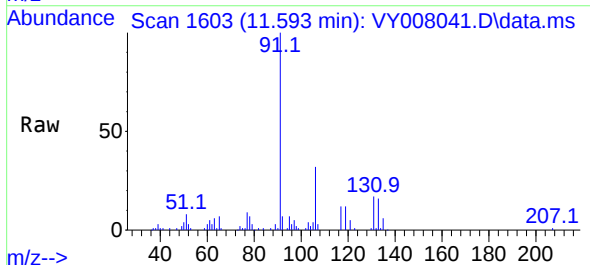
Tgt Ion:112 Resp: 1434
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6

Manual Integrations
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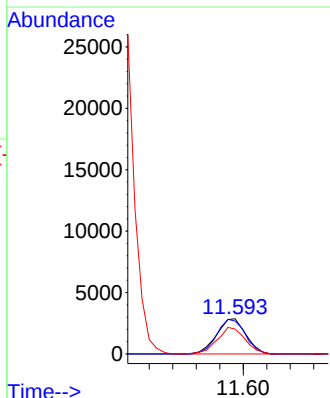
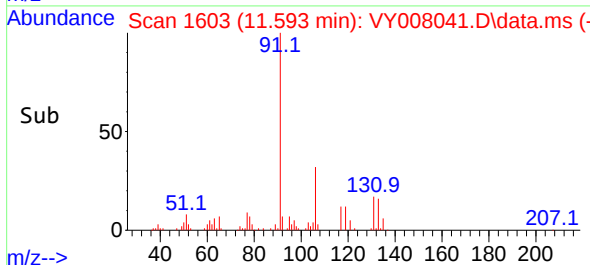
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

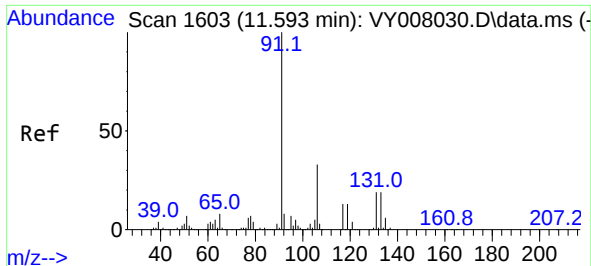


#66
1,1,1,2-Tetrachloroethane
Concen: 2.564 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



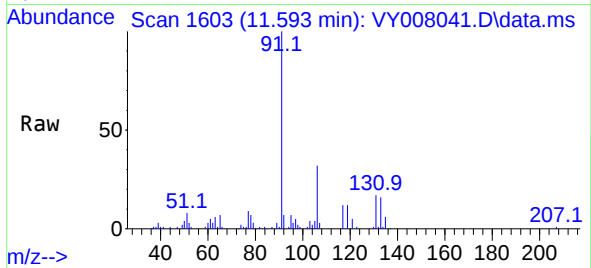
Tgt Ion:131 Resp: 4910
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.6
119 72.5 30.8 92.3





#67
Ethyl Benzene
Concen: 2.710 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

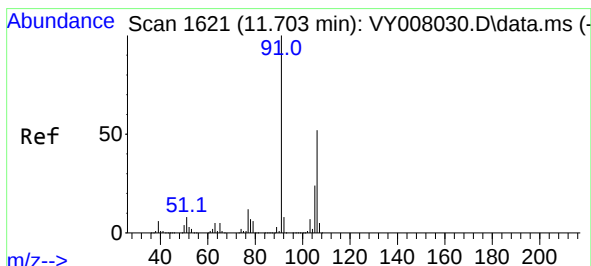
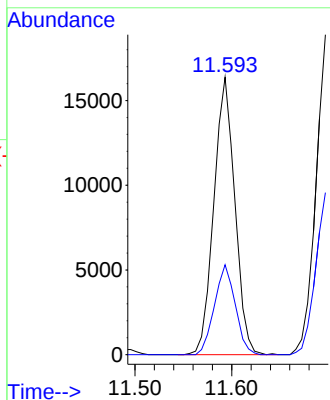
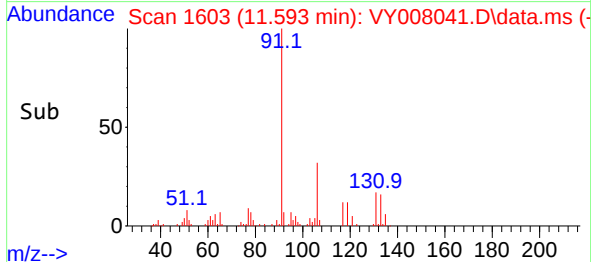
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



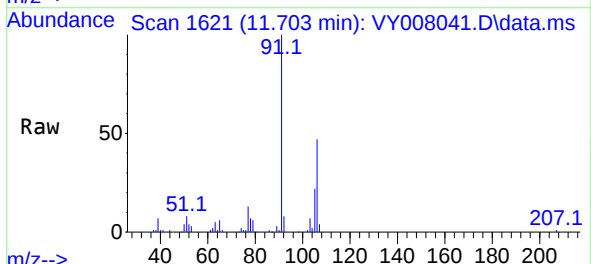
Tgt Ion: 91 Resp: 2466
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7

Manual Integrations
APPROVED

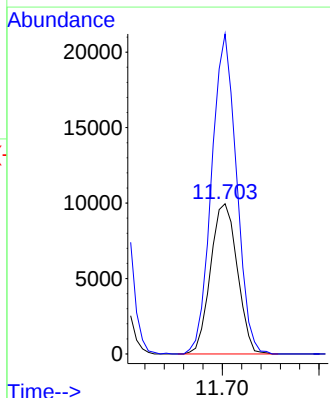
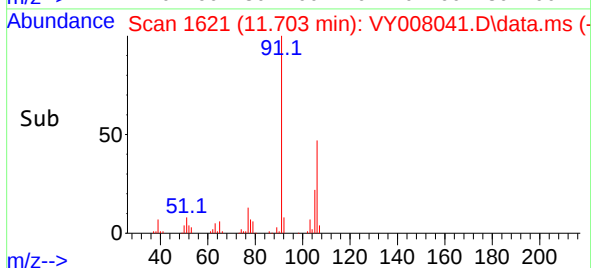
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

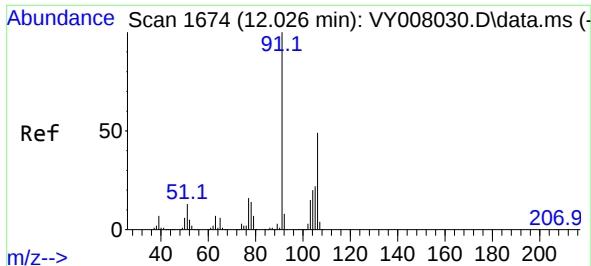


#68
m/p-Xylenes
Concen: 5.280 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



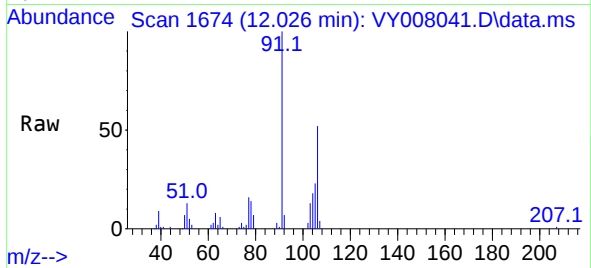
Tgt Ion:106 Resp: 19105
Ion Ratio Lower Upper
106 100
91 198.1 166.6 249.8





#69
o-Xylene
Concen: 2.662 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

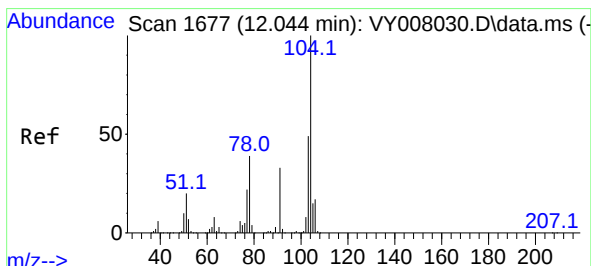
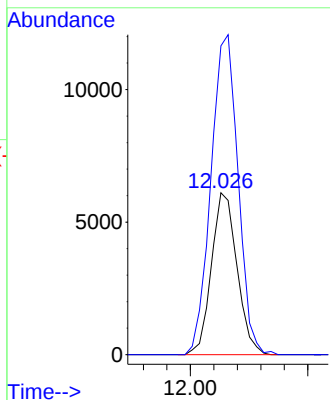
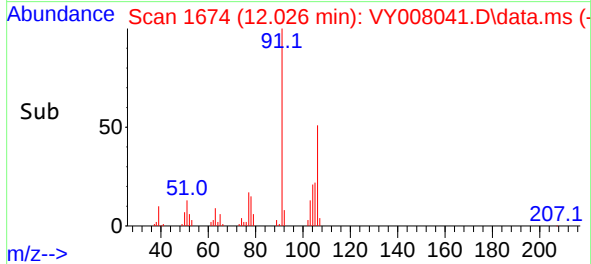
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:106 Resp: 9224
Ion Ratio Lower Upper
106 100
91 209.8 110.3 331.0

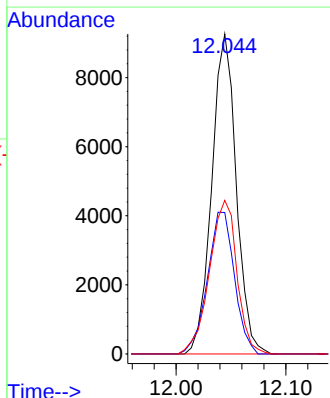
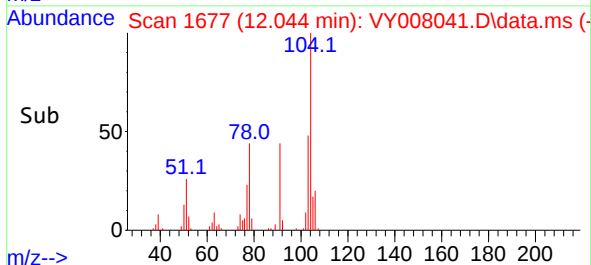
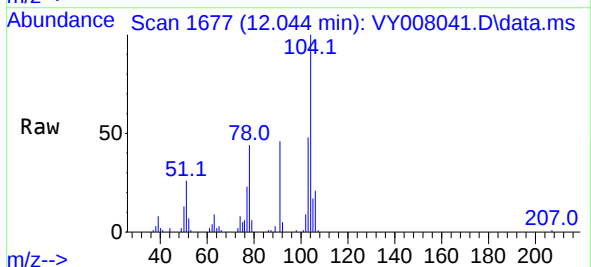
Manual Integrations
APPROVED

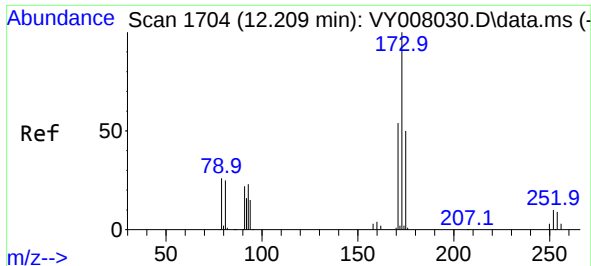
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
Styrene
Concen: 2.537 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

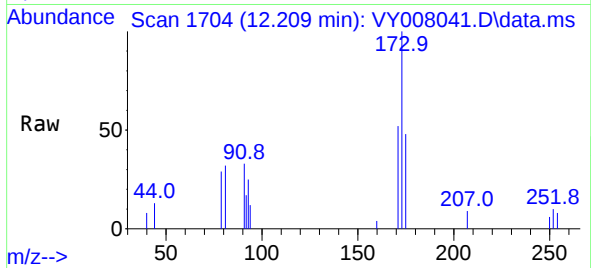
Tgt Ion:104 Resp: 14386
Ion Ratio Lower Upper
104 100
78 48.9 42.4 63.6
103 53.8 44.4 66.6





#71
Bromoform
Concen: 2.083 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

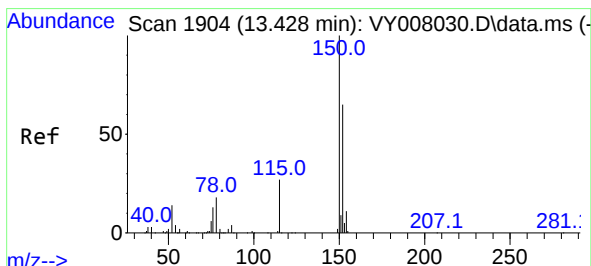
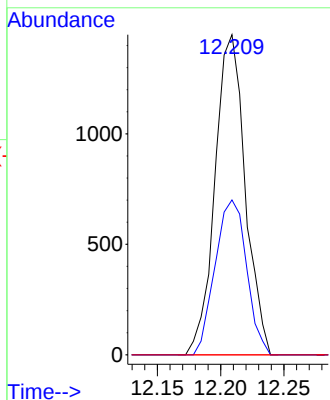
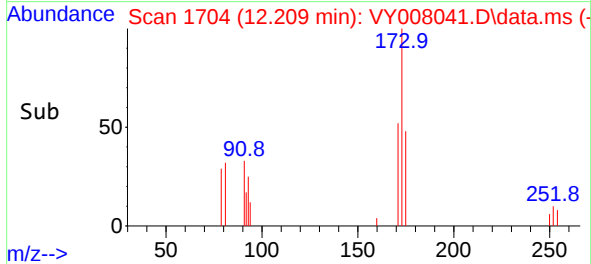
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



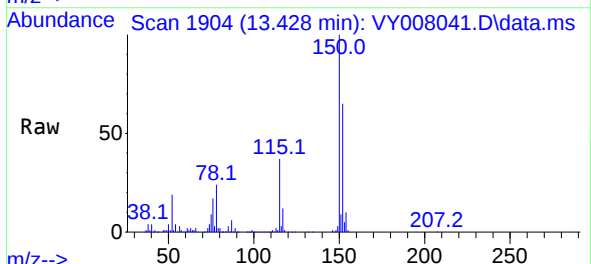
Tgt Ion:173 Resp: 2409
Ion Ratio Lower Upper
173 100
175 50.2 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
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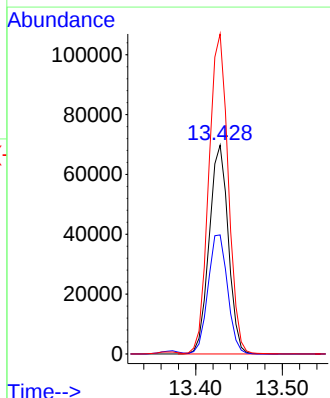
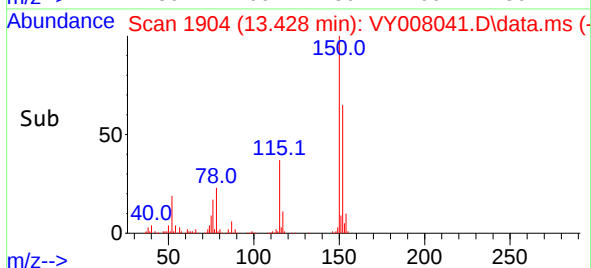
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



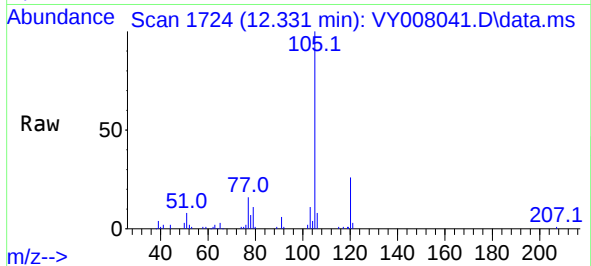
Tgt Ion:152 Resp: 106761
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 156.0 0.0 347.6





#73
Isopropylbenzene
Concen: 2.753 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

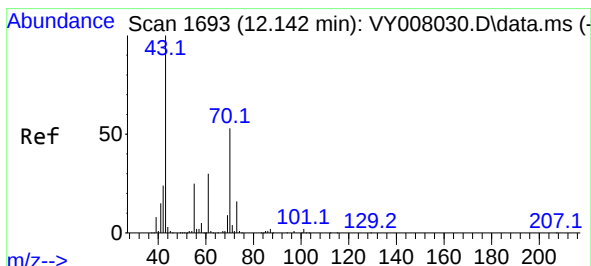
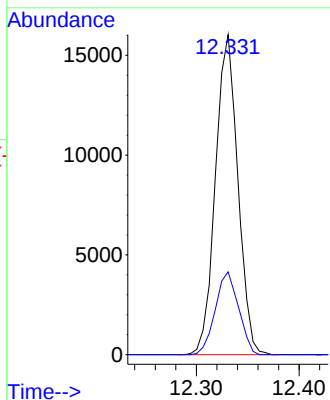
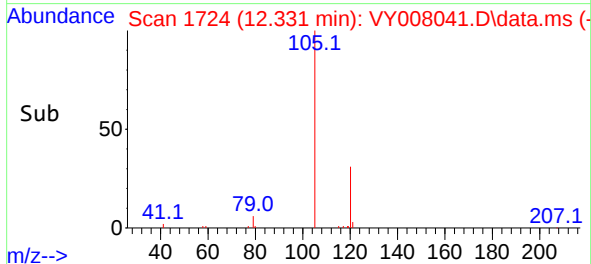
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



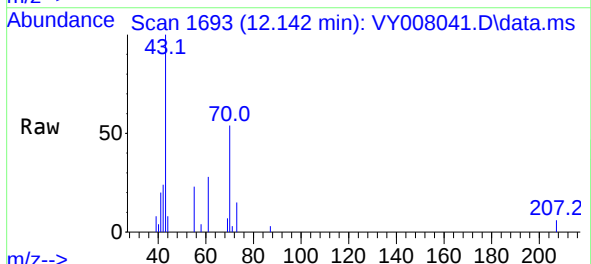
Tgt Ion: 105 Resp: 2426
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

Manual Integrations
APPROVED

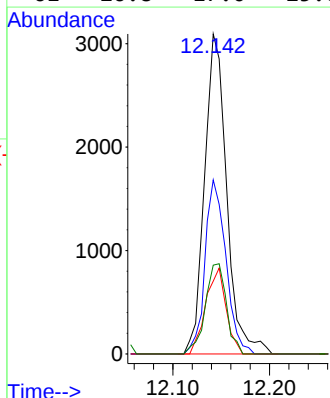
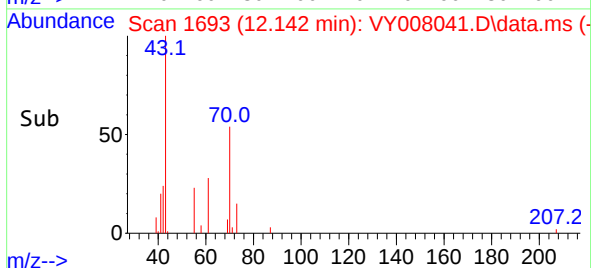
Reviewed By : John Carlone 03/28/2022
Supervised By : Mahesh Dadoda 03/28/2022

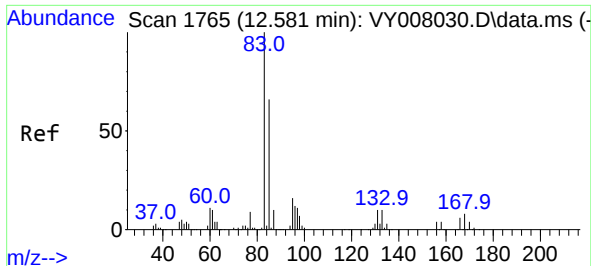


#74
N-ethyl acetate
Concen: 2.542 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



Tgt Ion: 43 Resp: 4924
Ion Ratio Lower Upper
43 100
70 51.1 28.7 43.1#
55 24.6 17.3 25.9
61 26.8 17.0 25.6#





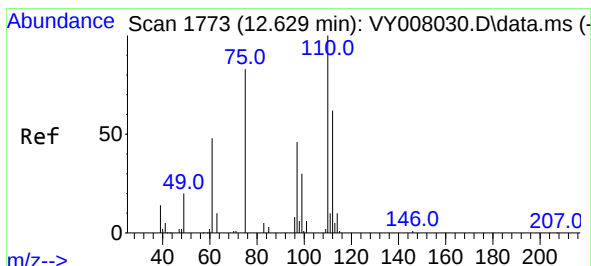
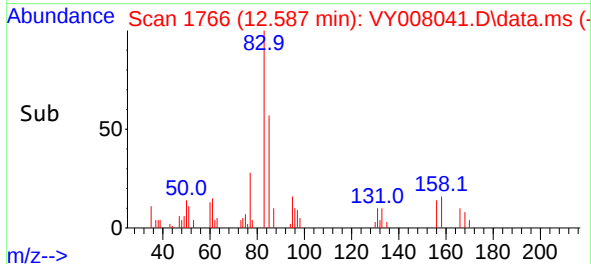
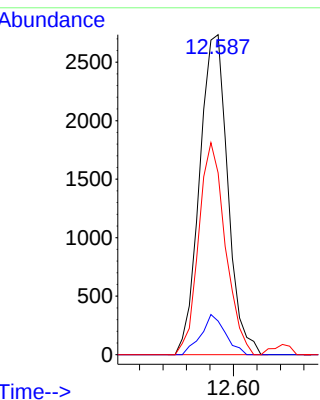
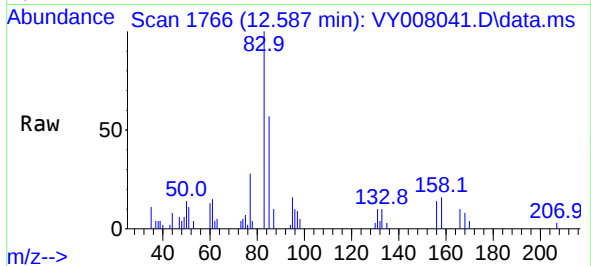
#75
1,1,2,2-Tetrachloroethane
Concen: 2.662 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 83 Resp: 4560
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 62.6 32.3 96.8

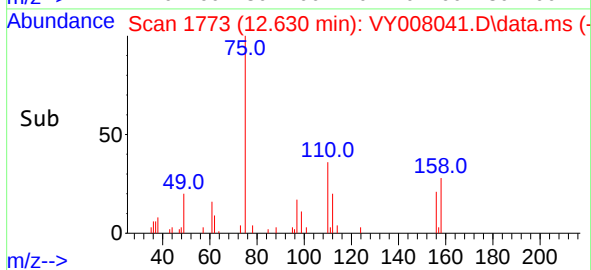
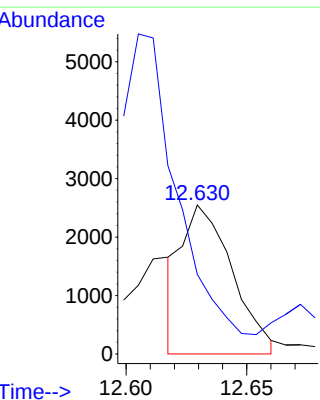
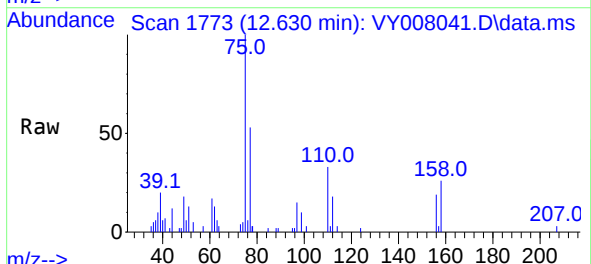
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#76
1,2,3-Trichloropropane
Concen: 2.840 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Tgt Ion: 75 Resp: 3696
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





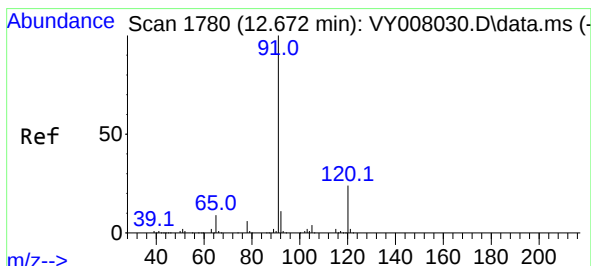
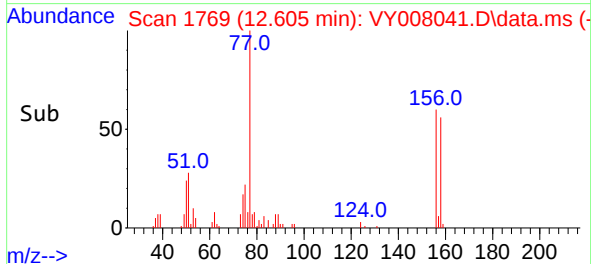
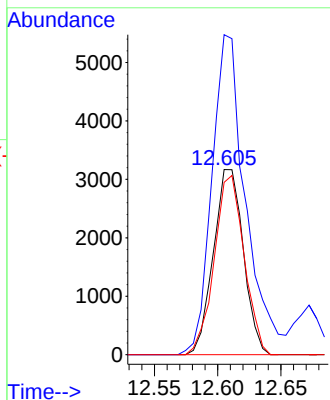
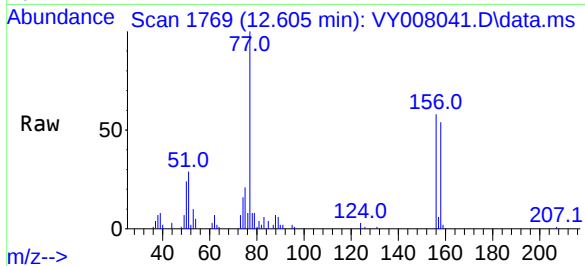
#77
Bromobenzene
Concen: 2.581 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 156 Resp: 521
Ion Ratio Lower Upper
156 100
77 193.8 95.5 286.4
158 96.5 48.0 144.0

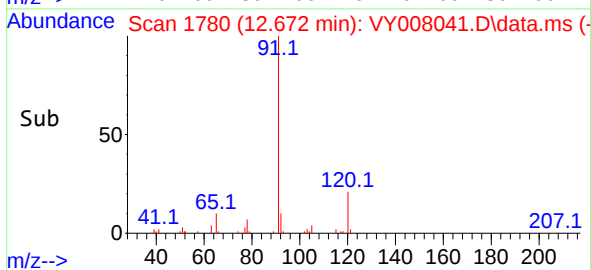
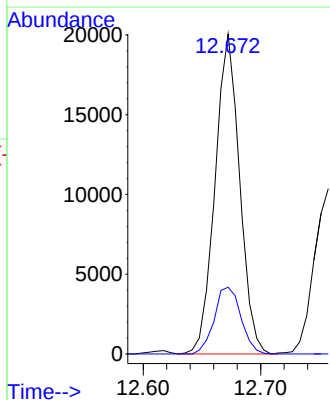
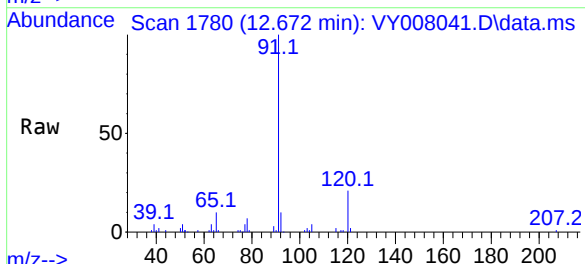
Manual Integrations
APPROVED

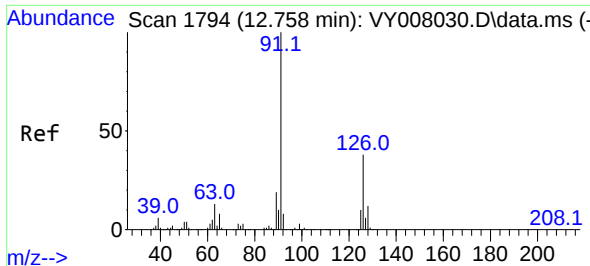
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#78
n-propylbenzene
Concen: 2.808 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Tgt Ion: 91 Resp: 29182
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9





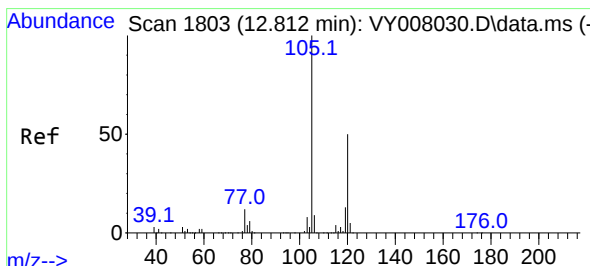
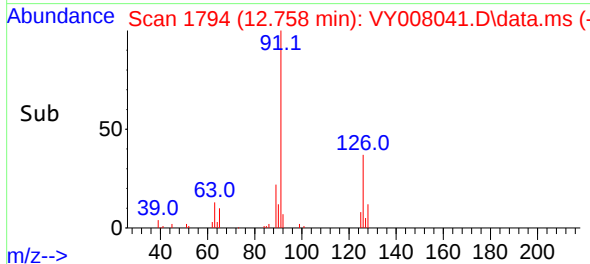
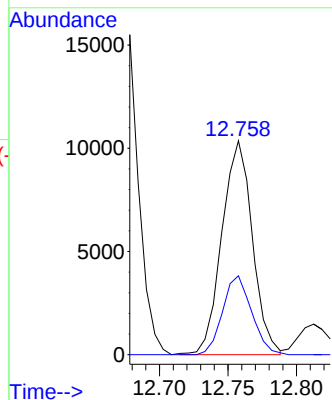
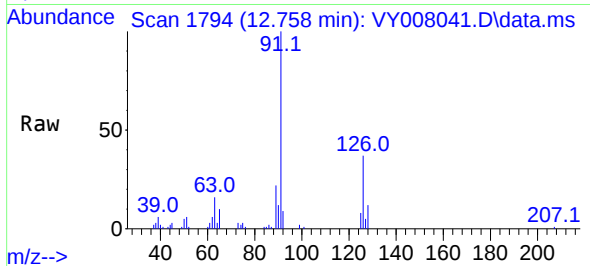
#79
2-Chlorotoluene
Concen: 2.783 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 91 Resp: 1604
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.6

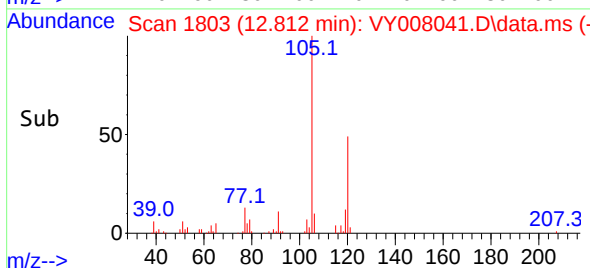
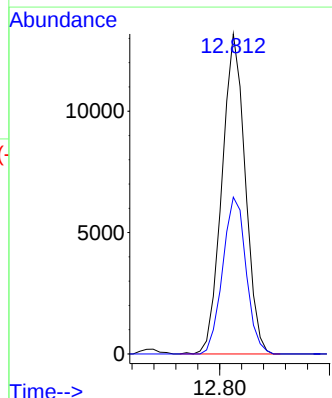
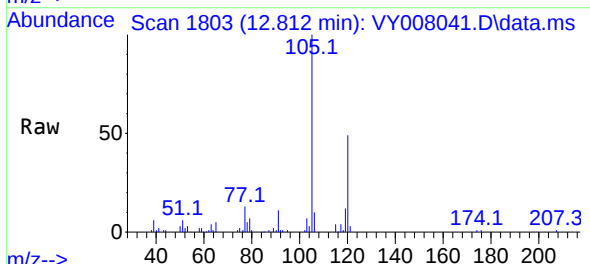
Manual Integrations
APPROVED

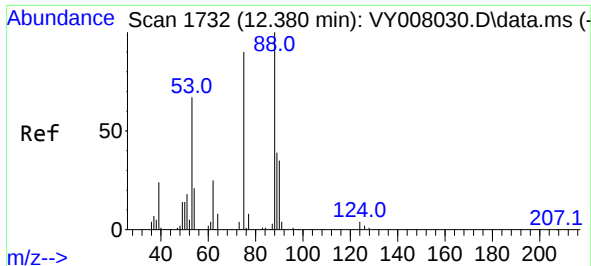
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.691 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

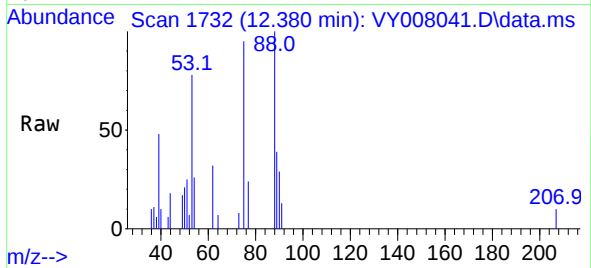
Tgt Ion:105 Resp: 19429
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.224 ug/l m
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

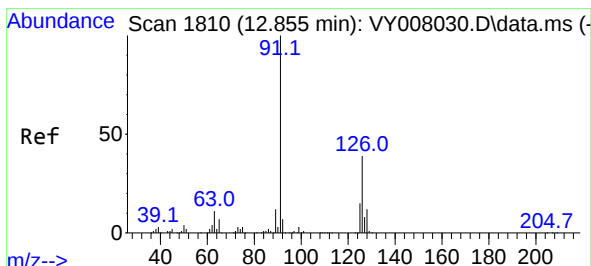
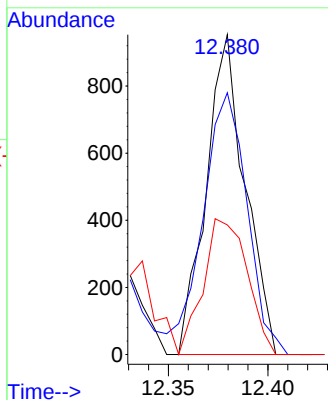
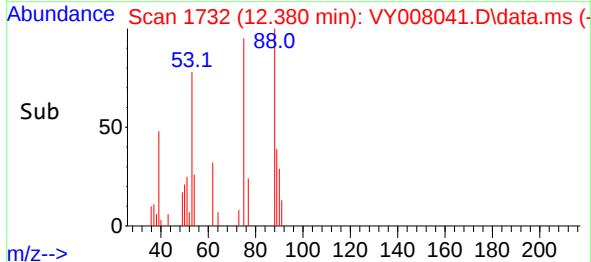
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 75 Resp: 129
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9
89 1.8 37.0 55.4

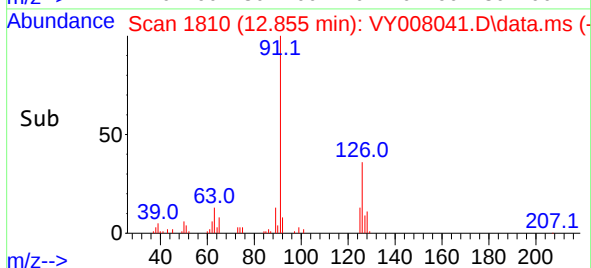
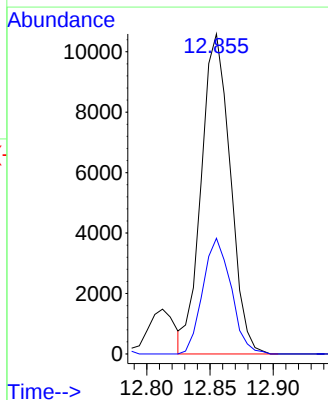
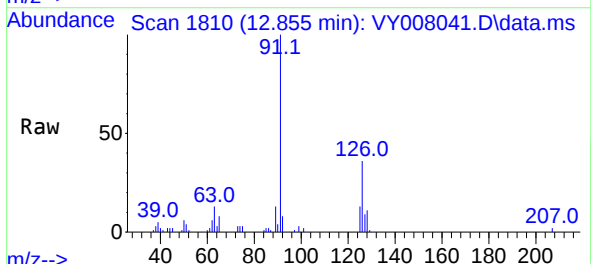
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#82
4-Chlorotoluene
Concen: 2.860 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Tgt Ion: 91 Resp: 16919
Ion Ratio Lower Upper
91 100
126 35.1 17.0 51.0





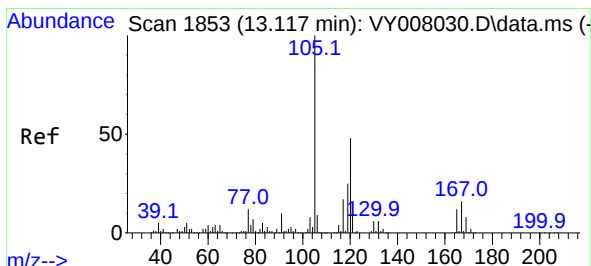
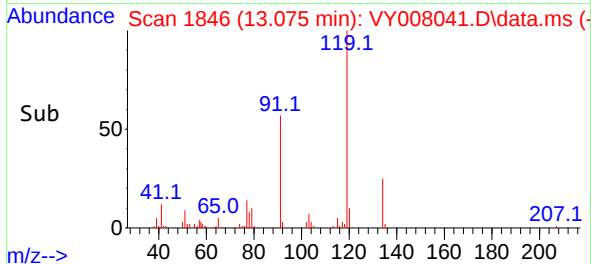
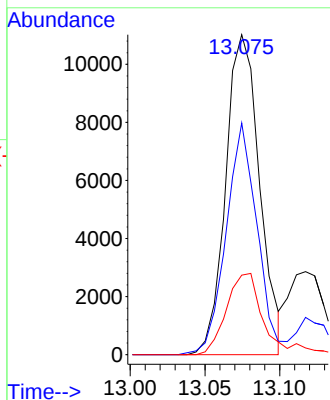
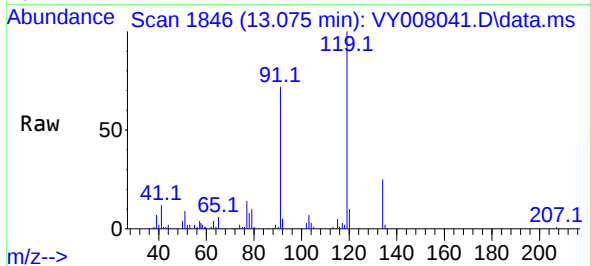
#83
tert-Butylbenzene
Concen: 2.704 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:	119	Resp:	1739
Ion Ratio	Lower	Upper	
119	100		
91	66.5	34.8	104.4
134	28.1	13.3	39.9

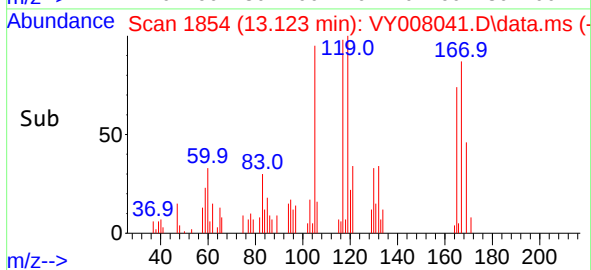
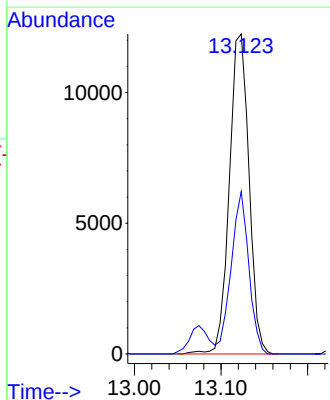
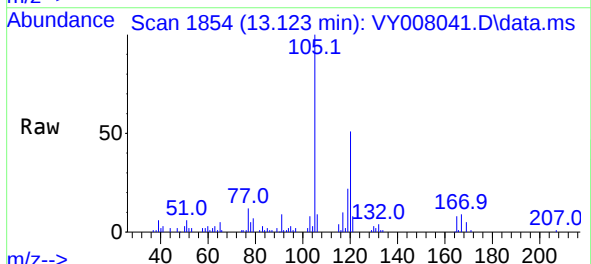
Manual Integrations
APPROVED

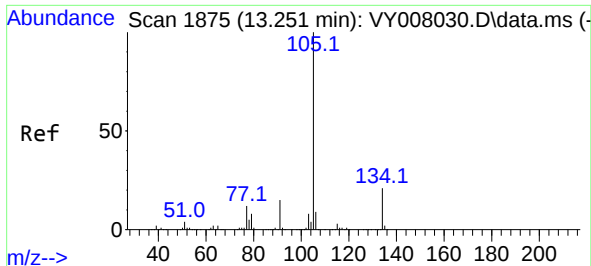
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 2.741 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Tgt Ion:	105	Resp:	19273
Ion Ratio	Lower	Upper	
105	100		
120	45.7	22.3	66.9





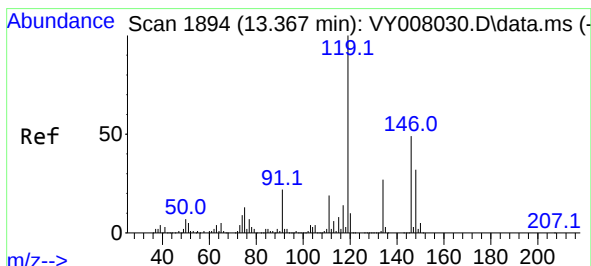
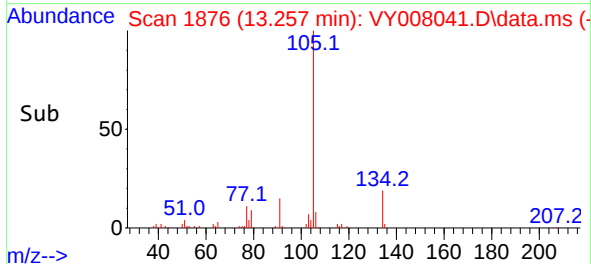
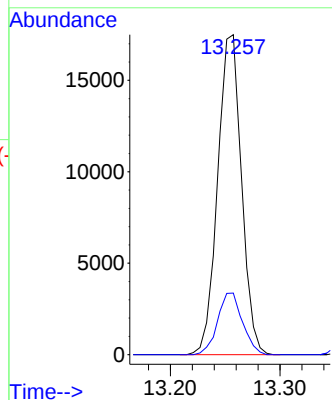
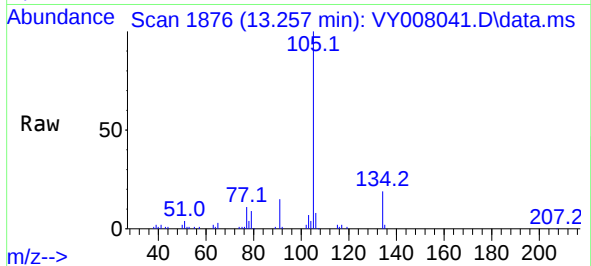
#85
 sec-Butylbenzene
 Concen: 2.789 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY008041.D
 Acq: 26 Mar 2022 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:105 Resp: 2647
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

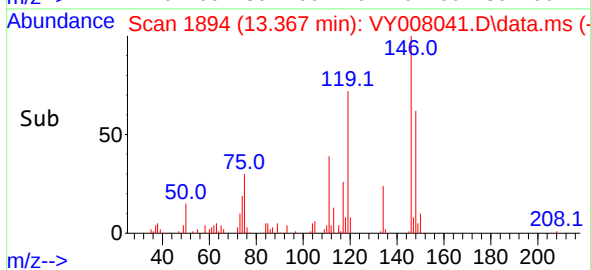
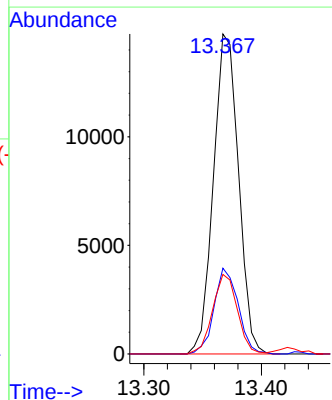
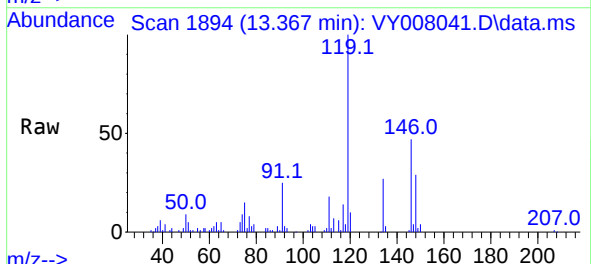
Manual Integrations
 APPROVED

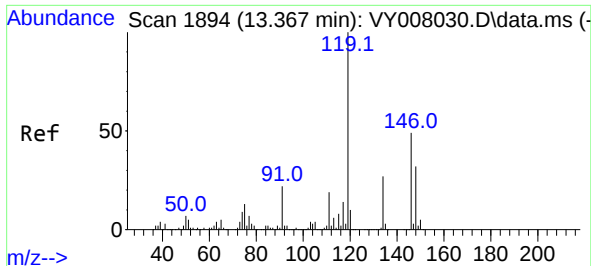
Reviewed By :John Carlone 03/28/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#86
 p-Isopropyltoluene
 Concen: 2.767 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008041.D
 Acq: 26 Mar 2022 13:17

Tgt Ion:119 Resp: 21860
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 24.6 12.4 37.2





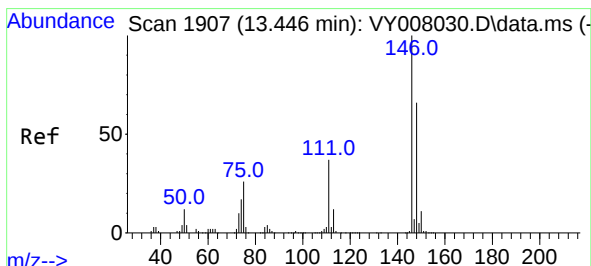
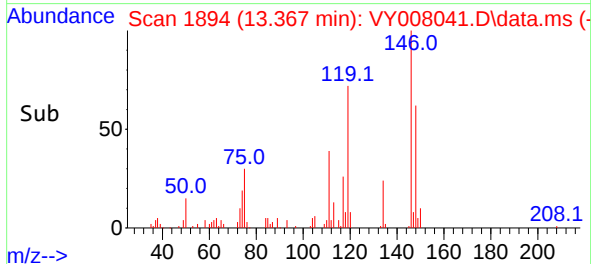
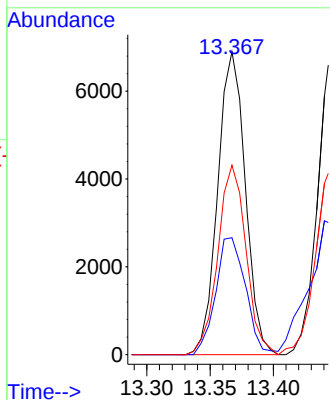
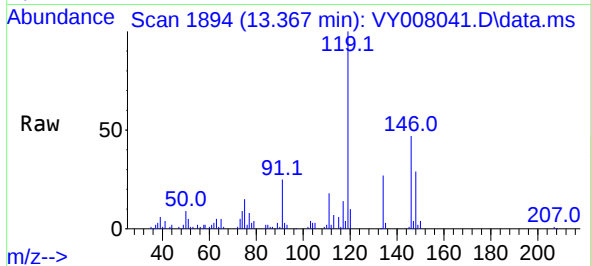
#87
1,3-Dichlorobenzene
Concen: 2.608 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:146 Resp: 10454
Ion Ratio Lower Upper
146 100
111 42.0 19.5 58.5
148 64.0 31.6 95.0

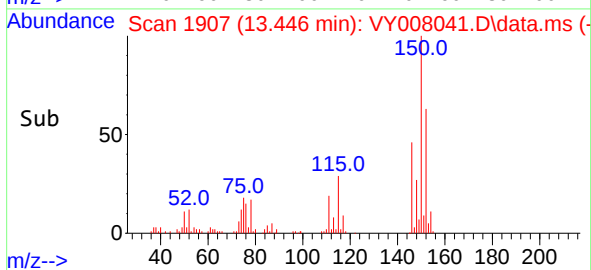
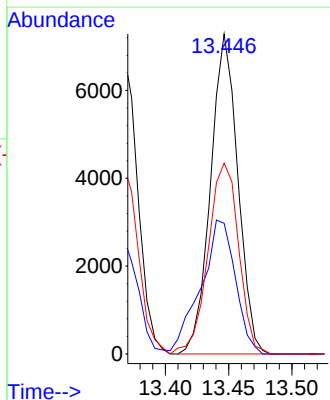
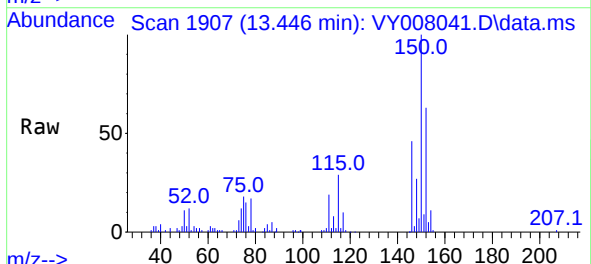
Manual Integrations
APPROVED

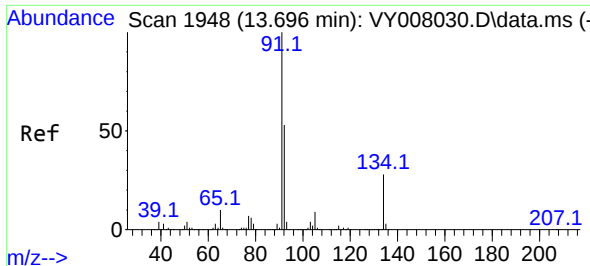
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#88
1,4-Dichlorobenzene
Concen: 2.731 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

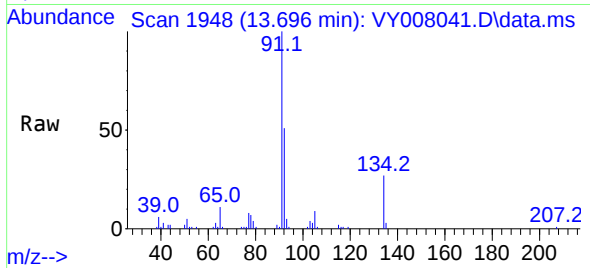
Tgt Ion:146 Resp: 10915
Ion Ratio Lower Upper
146 100
111 52.9 19.3 57.8
148 66.8 32.6 97.8





#89
n-Butylbenzene
Concen: 2.694 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

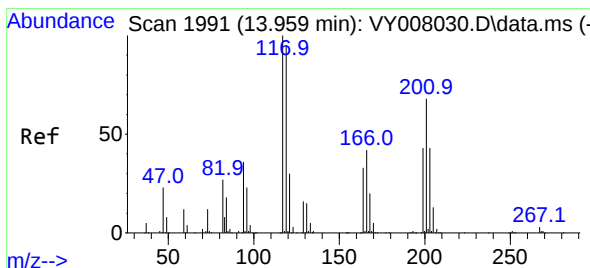
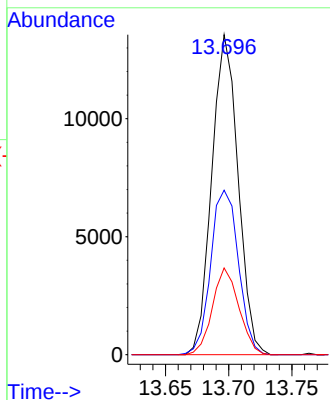
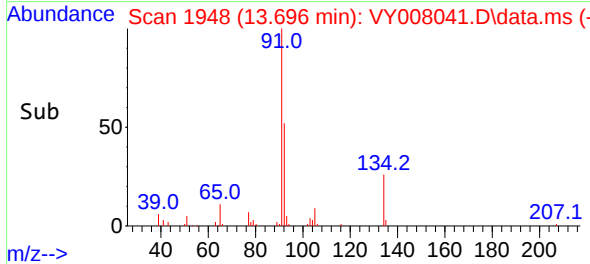
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 91 Resp: 19580
Ion Ratio Lower Upper
91 100
92 54.3 26.3 78.9
134 27.3 13.0 38.9

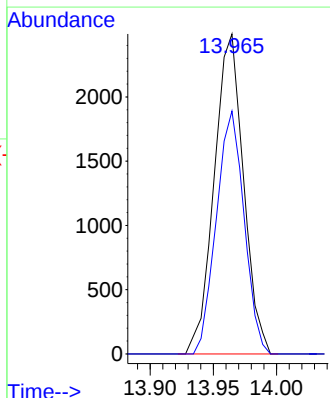
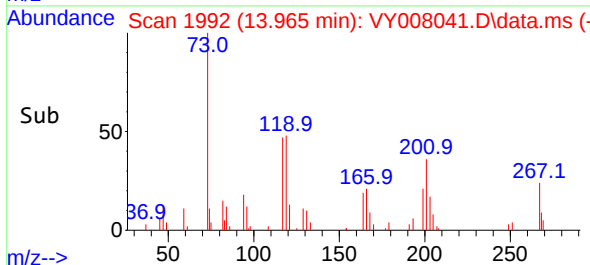
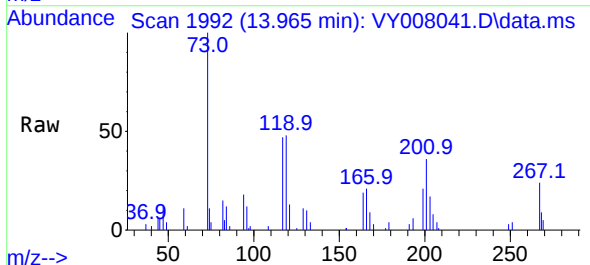
Manual Integrations
APPROVED

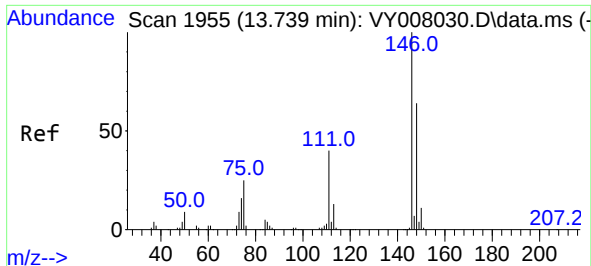
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#90
Hexachloroethane
Concen: 2.617 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

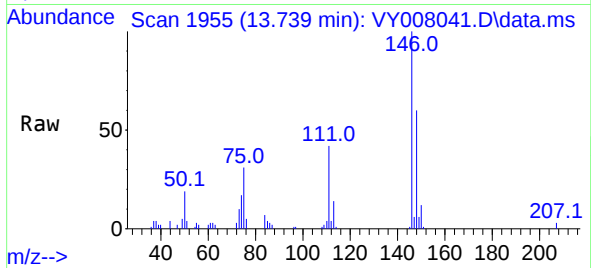
Tgt Ion:117 Resp: 4006
Ion Ratio Lower Upper
117 100
201 71.9 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 2.674 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

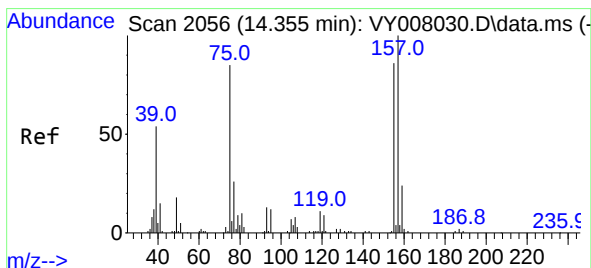
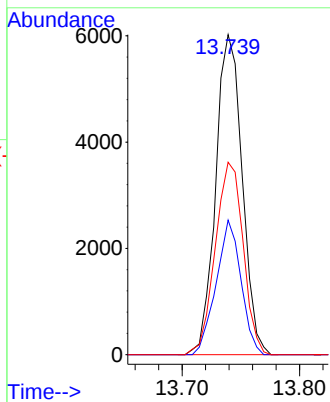
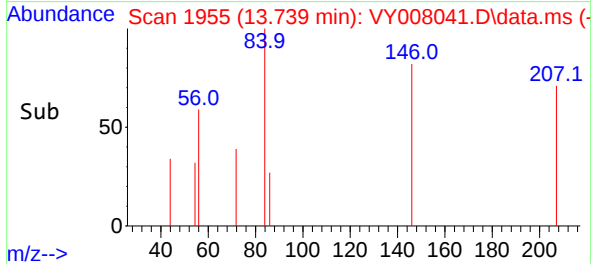
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



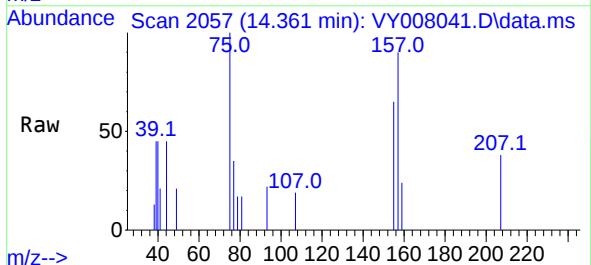
Tgt Ion:146 Resp: 943
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 63.3 32.3 96.9

Manual Integrations
APPROVED

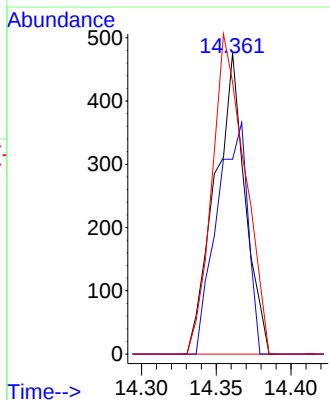
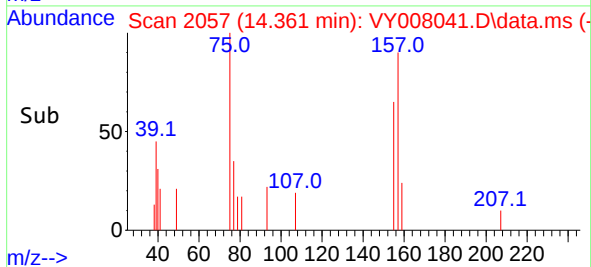
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

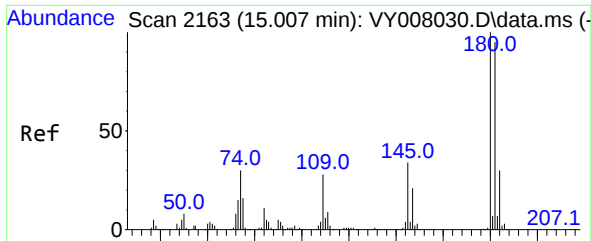


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.451 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



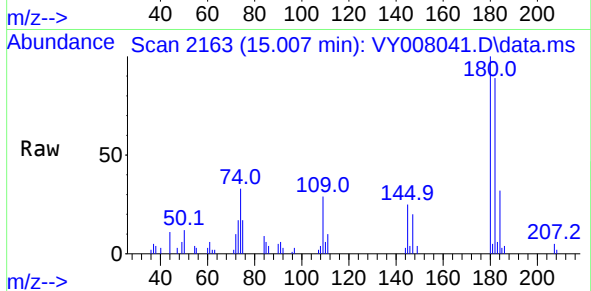
Tgt Ion: 75 Resp: 670
Ion Ratio Lower Upper
75 100
155 78.4 38.0 113.9
157 116.1 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 2.494 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

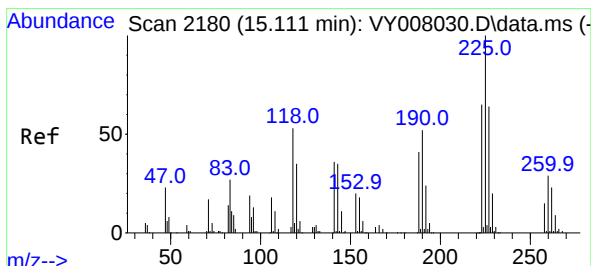
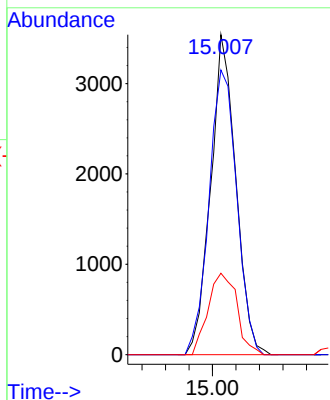
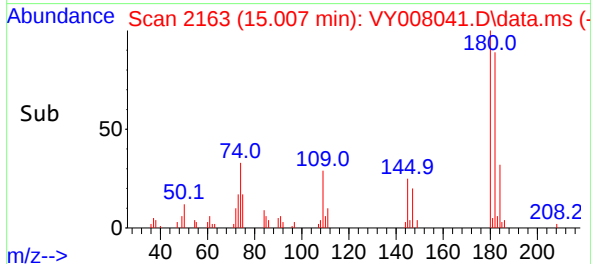
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



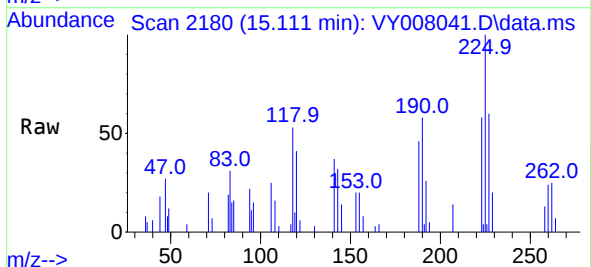
Tgt Ion:180 Resp: 5272
Ion Ratio Lower Upper
180 100
182 98.0 47.3 141.9
145 29.2 14.6 43.8

Manual Integrations
APPROVED

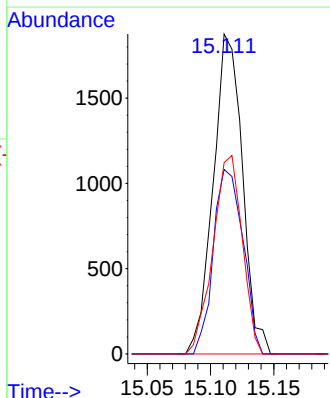
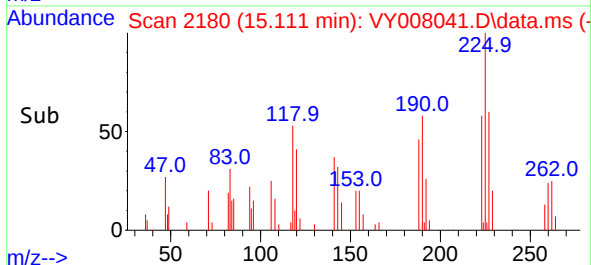
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

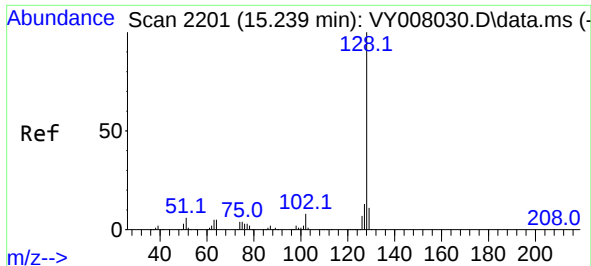


#94
Hexachlorobutadiene
Concen: 2.691 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



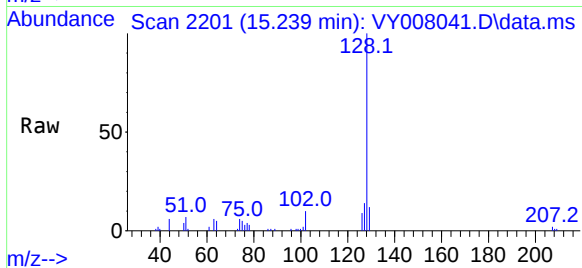
Tgt Ion:225 Resp: 3009
Ion Ratio Lower Upper
225 100
223 58.7 30.8 92.3
227 62.2 31.6 94.7





#95
Naphthalene
Concen: 2.400 ug/l
RT: 15.239 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17

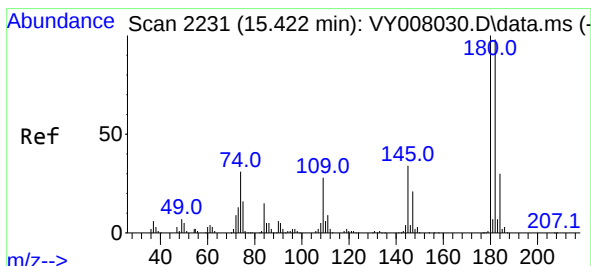
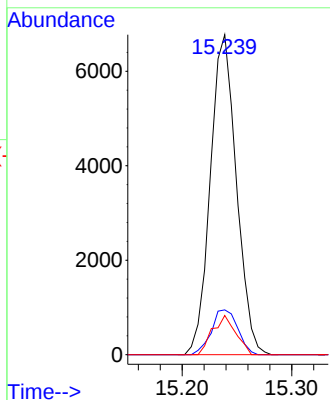
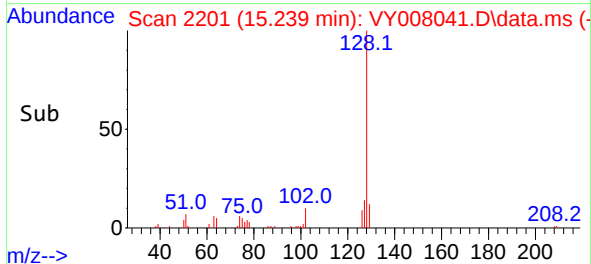
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



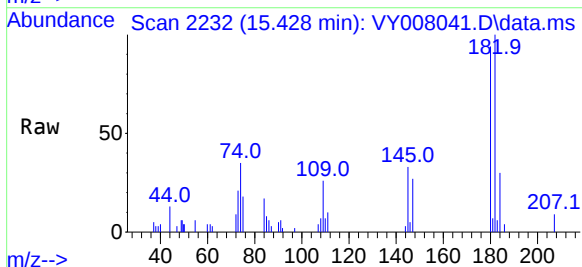
Tgt Ion:128 Resp: 1121
Ion Ratio Lower Upper
128 100
127 14.2 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.464 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008041.D
Acq: 26 Mar 2022 13:17



Tgt Ion:180 Resp: 4506
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.9
145 33.6 15.3 45.9

