

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008040.D
 Acq On : 26 Mar 2022 12:55
 Operator : SY/MD
 Sample : N1645-01 4.0ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 28 09:50:14 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	170551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	289705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	257178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90648	52.975	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.960%			
35) Dibromofluoromethane	7.716	113	93338	51.387	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.780%			
50) Toluene-d8	10.179	98	360244	52.643	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.280%			
62) 4-Bromofluorobenzene	12.483	95	121248	50.221	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	5277	3.432	ug/l	97
3) Chloromethane	2.113	50	7457	3.983	ug/l	94
4) Vinyl Chloride	2.247	62	9983	4.008	ug/l	90
5) Bromomethane	2.650	94	8966	4.392	ug/l	94
6) Chloroethane	2.796	64	6413	3.914	ug/l	89
7) Trichlorofluoromethane	3.125	101	12629	4.008	ug/l	99
8) Diethyl Ether	3.528	74	4150	4.067	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	7690	3.934	ug/l	93
10) Methyl Iodide	4.095	142	5904	2.924	ug/l	94
11) Tert butyl alcohol	4.954	59	3679	20.723	ug/l	99
12) 1,1-Dichloroethene	3.869	96	7347	4.060	ug/l #	74
13) Acrolein	3.729	56	3112	21.536	ug/l	90
14) Allyl chloride	4.485	41	9636	4.047	ug/l #	93
15) Acrylonitrile	5.167	53	9755	20.069	ug/l	95
16) Acetone	3.948	43	8101	20.712	ug/l #	80
17) Carbon Disulfide	4.192	76	19260	3.756	ug/l	97
18) Methyl Acetate	4.479	43	7918	6.018	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	20924	4.069	ug/l	93
20) Methylene Chloride	4.716	84	16946	7.381	ug/l #	75
21) trans-1,2-Dichloroethene	5.216	96	8544	4.078	ug/l #	77
22) Diisopropyl ether	6.125	45	20722	4.046	ug/l #	86
23) Vinyl Acetate	6.064	43	54816	17.271	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	13855	4.086	ug/l	97
25) 2-Butanone	6.984	43	12361	20.768	ug/l #	78
26) 2,2-Dichloropropane	6.984	77	12816	3.991	ug/l	92
27) cis-1,2-Dichloroethene	6.990	96	9359	3.854	ug/l	84
28) Bromochloromethane	7.338	49	5245	4.769	ug/l #	69
29) Tetrahydrofuran	7.344	42	7748	20.023	ug/l #	73
30) Chloroform	7.509	83	14671	3.996	ug/l	93
31) Cyclohexane	7.783	56	15349	4.799	ug/l #	61
32) 1,1,1-Trichloroethane	7.704	97	13177	3.884	ug/l	92
36) 1,1-Dichloropropene	7.917	75	11728	4.111	ug/l	98
37) Ethyl Acetate	7.076	43	5122	3.843	ug/l #	89
38) Carbon Tetrachloride	7.905	117	12103	3.892	ug/l	97
39) Methylcyclohexane	9.185	83	15256	3.961	ug/l #	84
40) Benzene	8.161	78	32608	3.995	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	3201m	4.783	ug/l	
42) 1,2-Dichloroethane	8.234	62	9409	4.110	ug/l	89
43) Isopropyl Acetate	8.271	43	10188	3.894	ug/l #	85
44) Trichloroethene	8.941	130	9186	3.892	ug/l	100
45) 1,2-Dichloropropane	9.216	63	7963	4.140	ug/l	97
46) Dibromomethane	9.301	93	4889	3.866	ug/l	95
47) Bromodichloromethane	9.496	83	11194	3.871	ug/l	100
48) Methyl methacrylate	9.295	41	4656	4.018	ug/l #	83
49) 1,4-Dioxane	9.289	88	1218	72.445	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	25892	19.620	ug/l #	83
52) Toluene	10.246	92	21452	4.008	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	10895	3.675	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	12907	3.846	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	6907	3.955	ug/l	99
56) Ethyl methacrylate	10.508	69	8397	3.686	ug/l #	77
57) 1,3-Dichloropropane	10.795	76	11385	3.983	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	21233	22.496	ug/l	91
59) 2-Hexanone	10.831	43	18112	19.614	ug/l	82
60) Dibromochloromethane	10.984	129	7939	3.738	ug/l	96
61) 1,2-Dibromoethane	11.087	107	6633	3.814	ug/l	96
64) Tetrachloroethene	10.721	164	7928	4.014	ug/l	94
65) Chlorobenzene	11.514	112	23240	4.008	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	8015	3.747	ug/l	96
67) Ethyl Benzene	11.593	91	41591	4.092	ug/l	99
68) m/p-Xylenes	11.703	106	31803	7.869	ug/l	92
69) o-Xylene	12.032	106	14779	3.819	ug/l	97
70) Styrene	12.044	104	23627	3.730	ug/l	97
71) Bromoform	12.209	173	4483	3.471	ug/l #	97
73) Isopropylbenzene	12.331	105	39814	4.141	ug/l	99
74) N-amyl acetate	12.142	43	8827	4.176	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.587	83	7773	4.159	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	6079m	4.281	ug/l	
77) Bromobenzene	12.611	156	8560	3.881	ug/l	98
78) n-propylbenzene	12.672	91	48330	4.262	ug/l	99
79) 2-Chlorotoluene	12.758	91	27056	4.301	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	32034	4.067	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	2428	3.815	ug/l #	85
82) 4-Chlorotoluene	12.855	91	27457	4.253	ug/l	98
83) tert-Butylbenzene	13.075	119	28630	4.080	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	31864	4.154	ug/l	99
85) sec-Butylbenzene	13.251	105	43439	4.194	ug/l	100
86) p-Isopropyltoluene	13.373	119	34706	4.026	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	17452	3.991	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	17824	4.087	ug/l	93
89) n-Butylbenzene	13.696	91	32547	4.104	ug/l	98
90) Hexachloroethane	13.959	117	6774	4.056	ug/l	77
91) 1,2-Dichlorobenzene	13.739	146	15344	3.985	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1158	3.882	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	8924	3.870	ug/l	97
94) Hexachlorobutadiene	15.117	225	4849	3.975	ug/l	97
95) Naphthalene	15.239	128	19523	3.830	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	7534	3.776	ug/l	97

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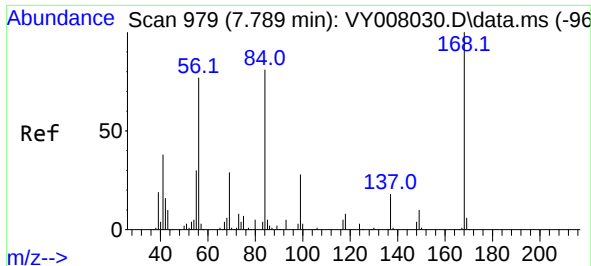
Manual Integrations
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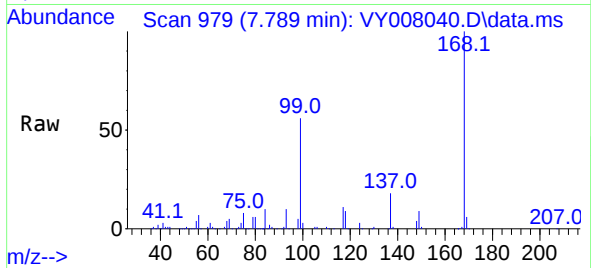
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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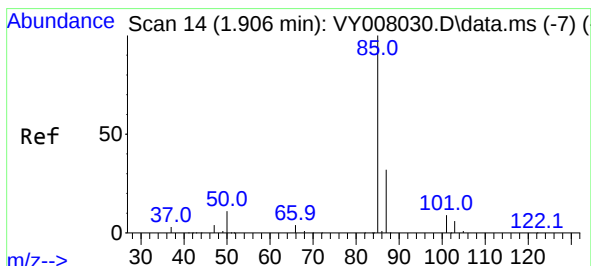
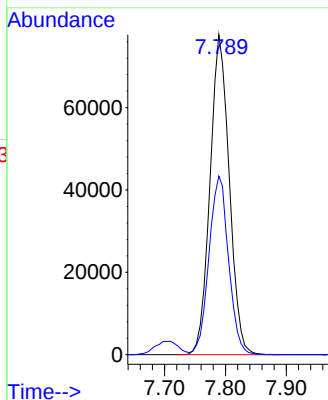
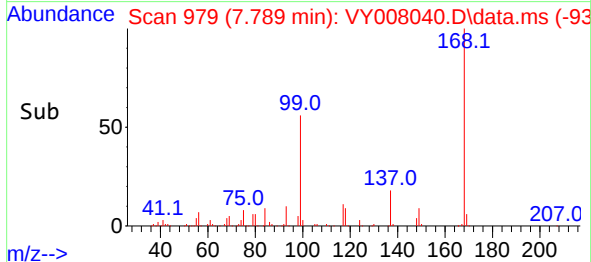
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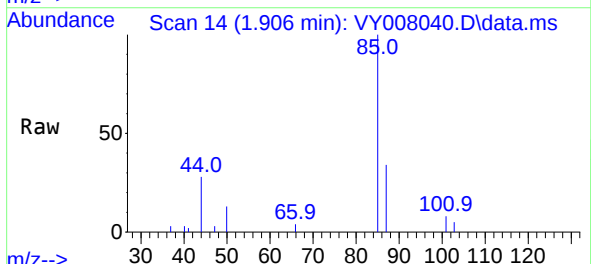
Tgt Ion:168 Resp: 17055
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3

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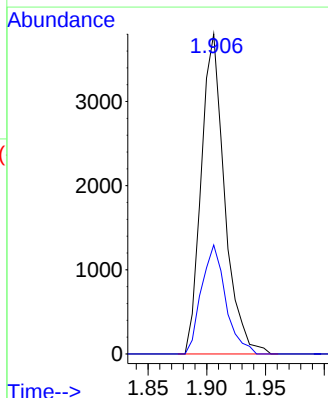
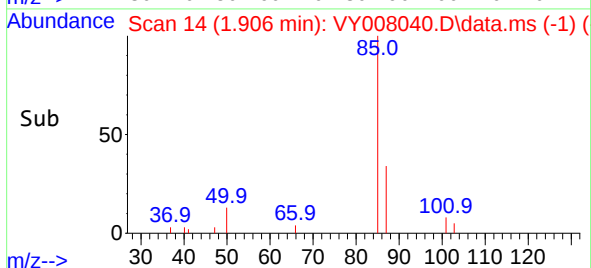
Reviewed By :John Carlone 03/28/2022
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#2
Dichlorodifluoromethane
Concen: 3.432 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



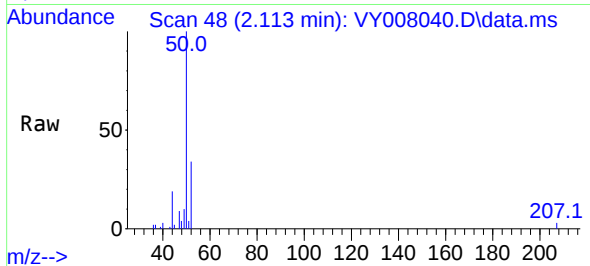
Tgt Ion: 85 Resp: 5277
Ion Ratio Lower Upper
85 100
87 34.1 16.1 48.2





#3
Chloromethane
Concen: 3.983 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

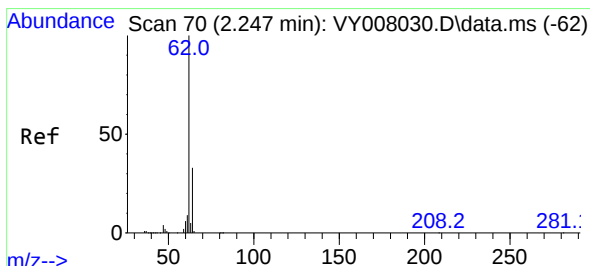
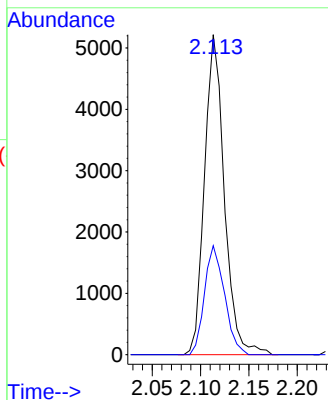
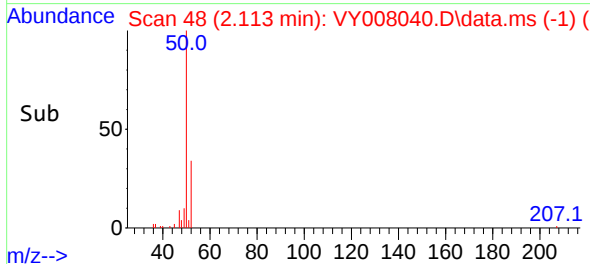
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Tgt Ion: 50 Resp: 745
Ion Ratio Lower Upper
50 100
52 34.0 24.6 37.0

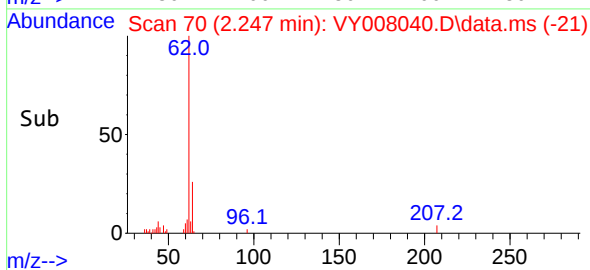
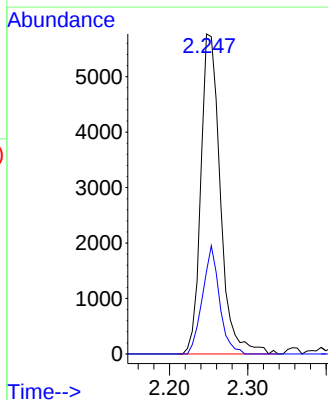
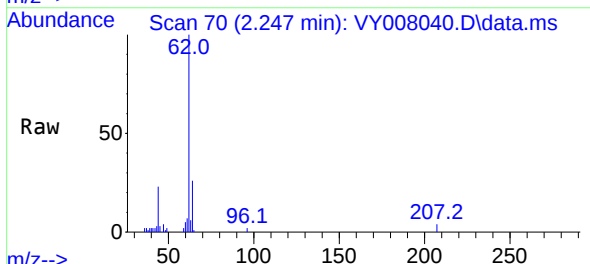
Manual Integrations
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#4
Vinyl Chloride
Concen: 4.008 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

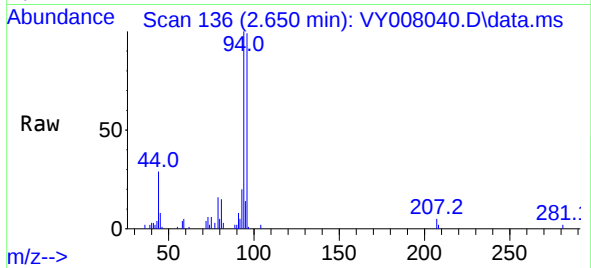
Tgt Ion: 62 Resp: 9983
Ion Ratio Lower Upper
62 100
64 25.9 25.0 37.6





#5
Bromomethane
Concen: 4.392 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

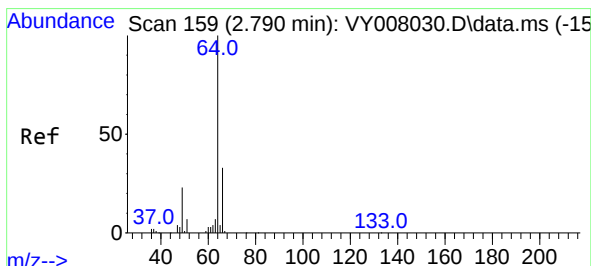
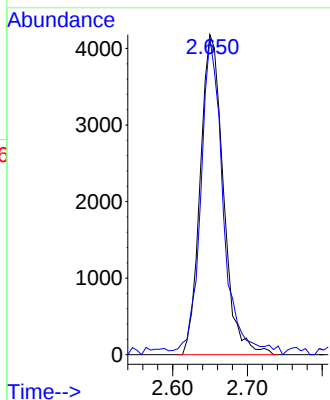
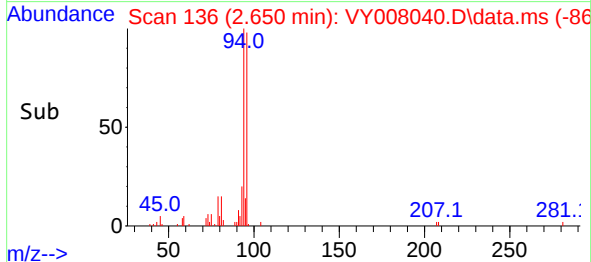
Instrument :
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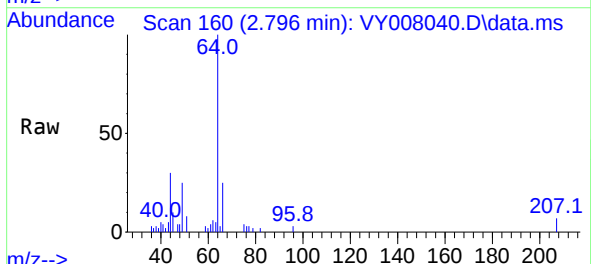
Tgt Ion: 94 Resp: 896
Ion Ratio Lower Upper
94 100
96 97.2 73.5 110.3

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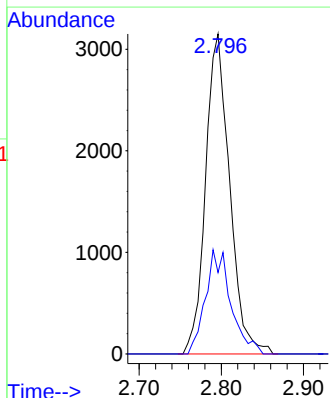
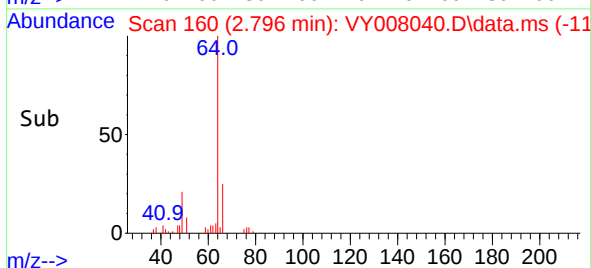
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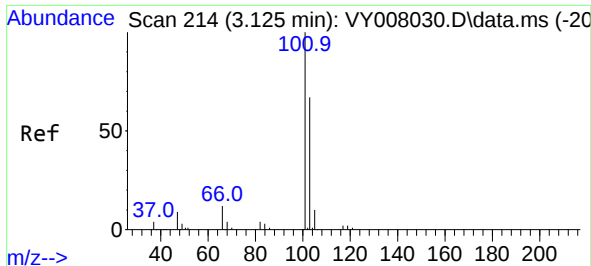


#6
Chloroethane
Concen: 3.914 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



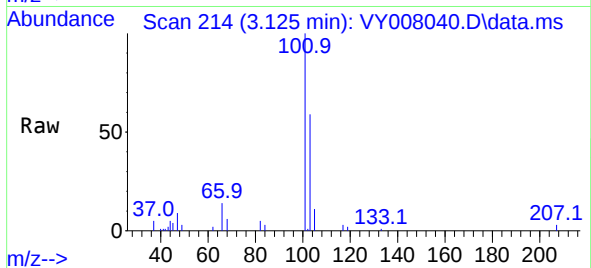
Tgt Ion: 64 Resp: 6413
Ion Ratio Lower Upper
64 100
66 25.4 25.4 38.0





#7
Trichlorofluoromethane
Concen: 4.008 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY008040.D
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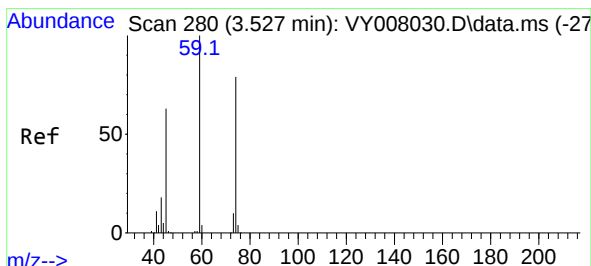
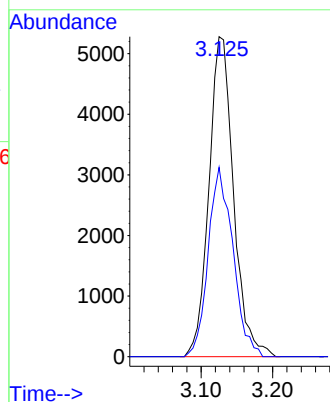
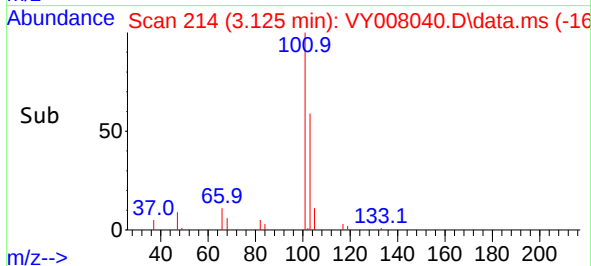
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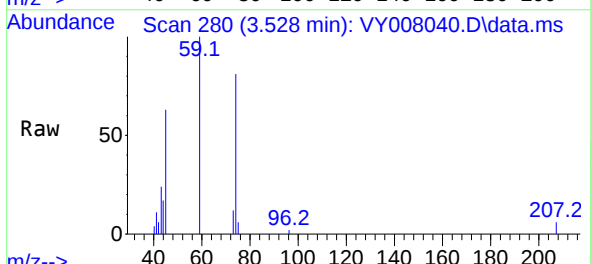
Tgt Ion:101 Resp: 12629
Ion Ratio Lower Upper
101 100
103 59.2 48.0 72.0

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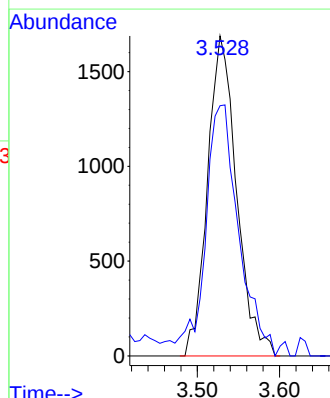
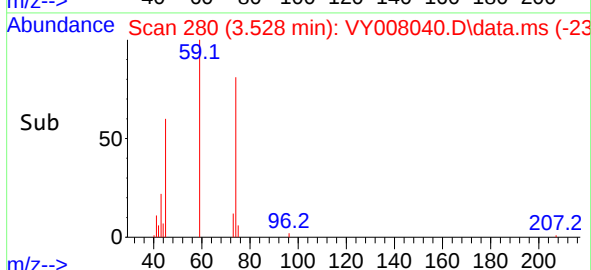
Reviewed By :John Carlone 03/28/2022
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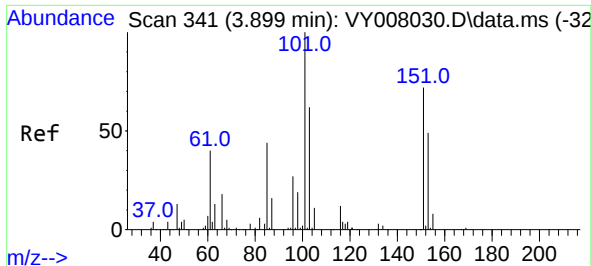


#8
Diethyl Ether
Concen: 4.067 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 4150
Ion Ratio Lower Upper
74 100
45 89.2 55.1 165.5





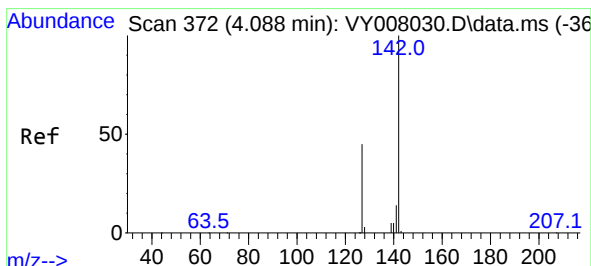
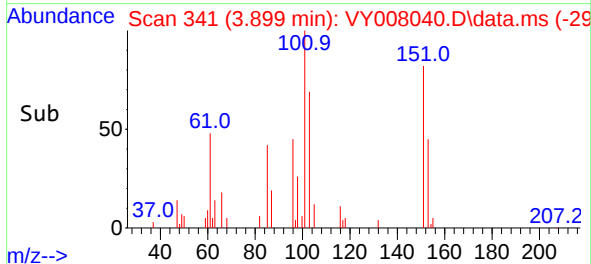
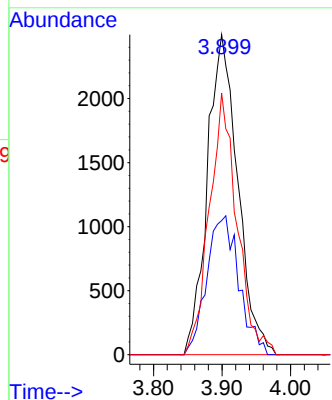
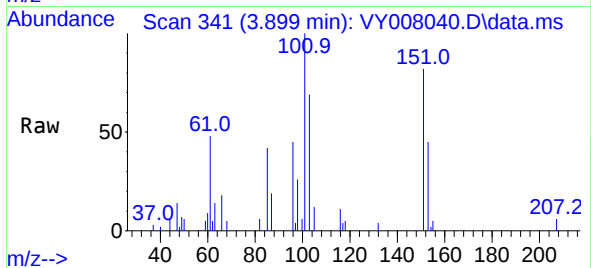
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1,1,2-Trichlorotrifluoroethane
Concen: 3.934 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY008040.D
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:101 Resp: 7690
Ion Ratio Lower Upper
101 100
85 46.1 40.6 60.8
151 74.5 64.9 97.3

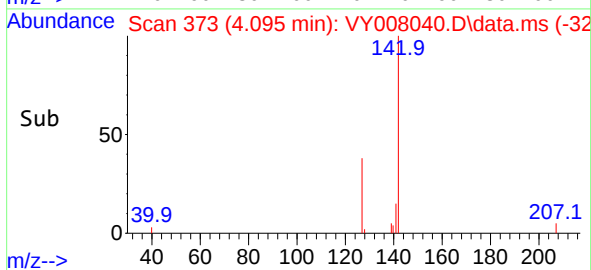
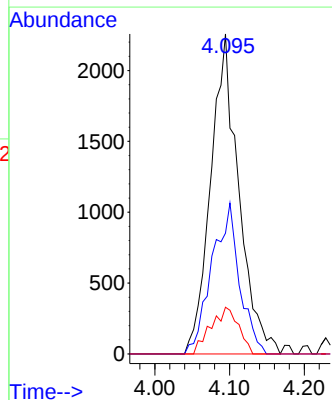
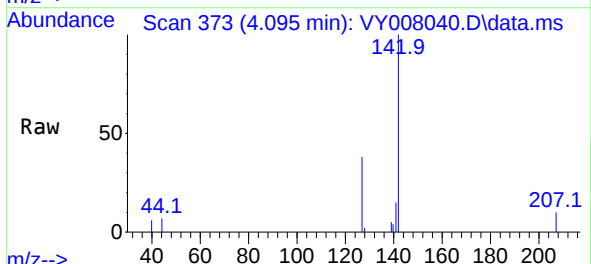
Manual Integrations
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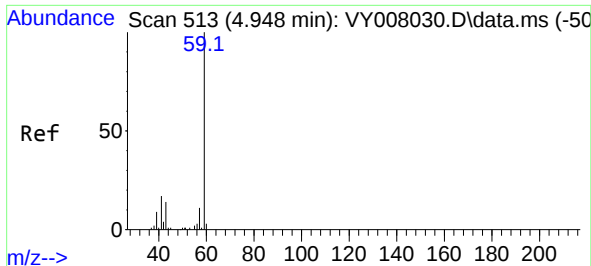
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#10
Methyl Iodide
Concen: 2.924 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

Tgt Ion:142 Resp: 5904
Ion Ratio Lower Upper
142 100
127 46.4 41.5 62.3
141 14.3 11.9 17.9





#11

Tert butyl alcohol

Concen: 20.723 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY008040.D

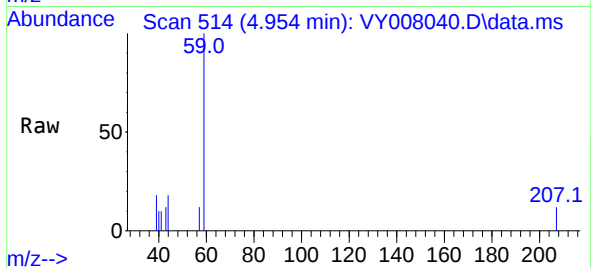
Acq: 26 Mar 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 59 Resp: 3679

Ion Ratio Lower Upper

59 100

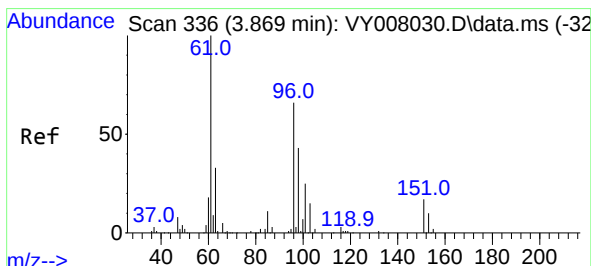
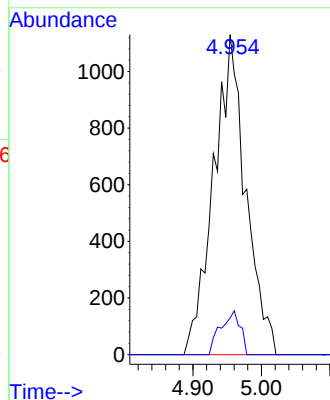
57 8.3 6.4 9.6

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: 4.060 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY008040.D

Acq: 26 Mar 2022 12:55

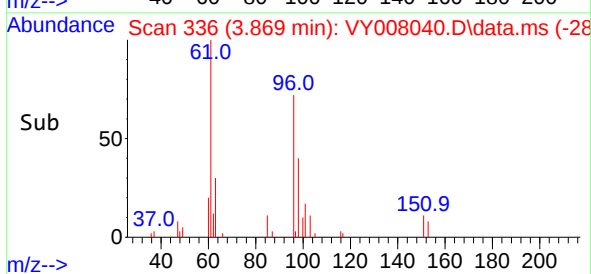
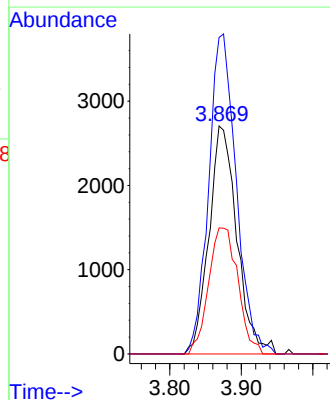
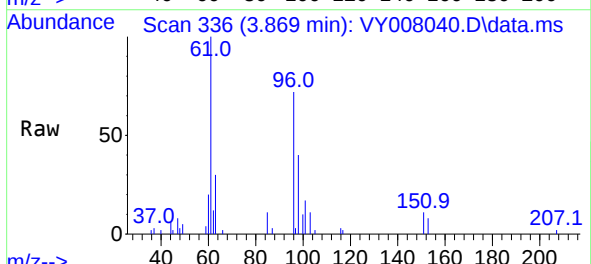
Tgt Ion: 96 Resp: 7347

Ion Ratio Lower Upper

96 100

61 138.8 145.8 218.6#

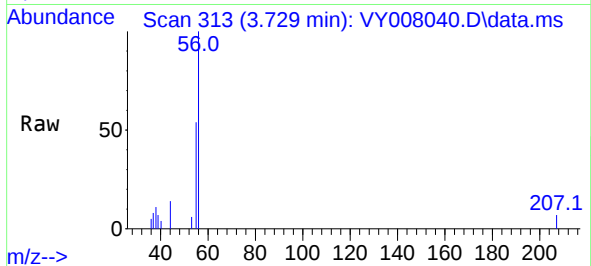
98 55.3 52.5 78.7





#13
Acrolein
Concen: 21.536 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

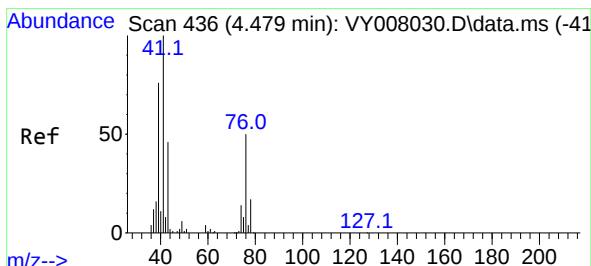
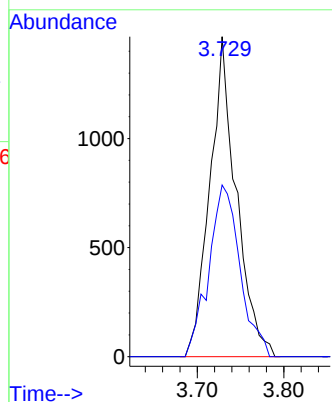
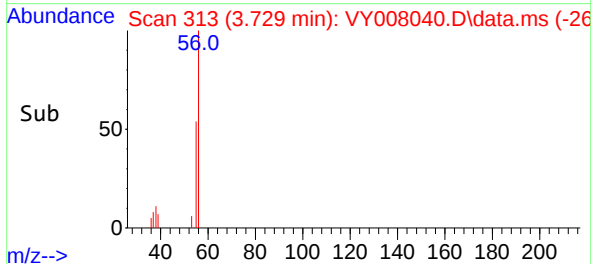
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 56 Resp: 311
Ion Ratio Lower Upper
56 100
55 63.3 57.6 86.4

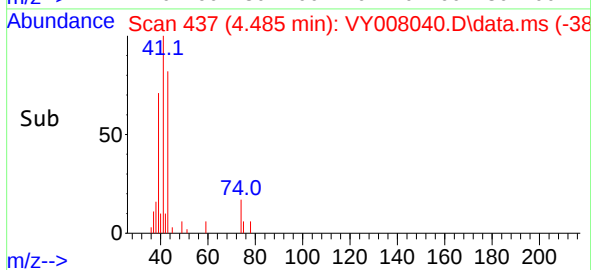
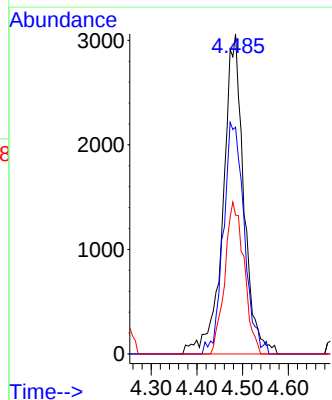
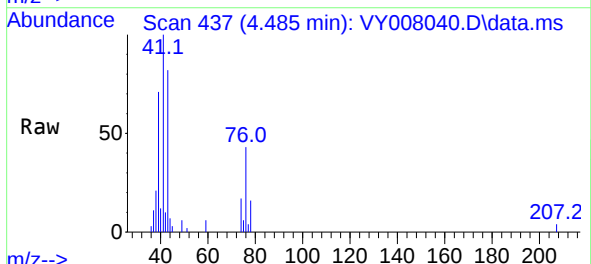
Manual Integrations
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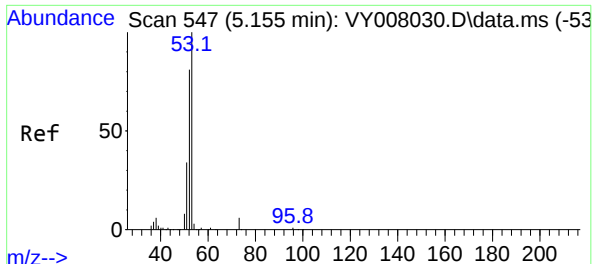
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#14
Allyl chloride
Concen: 4.047 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

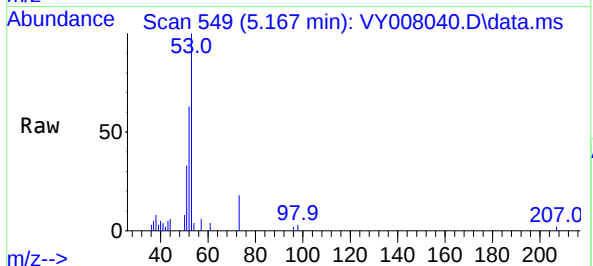
Tgt Ion: 41 Resp: 9636
Ion Ratio Lower Upper
41 100
39 72.9 58.8 88.2
76 44.1 25.1 37.7#





#15
Acrylonitrile
Concen: 20.069 ug/l
RT: 5.167 min Scan# 547
Delta R.T. 0.012 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

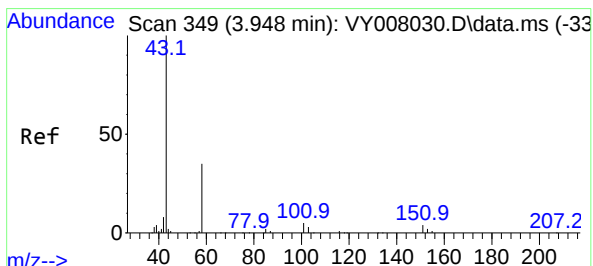
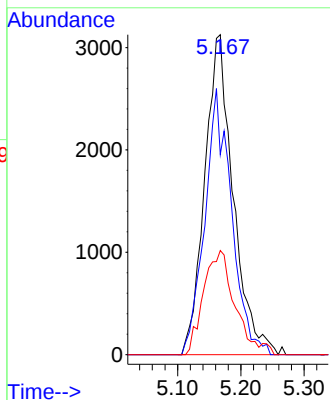
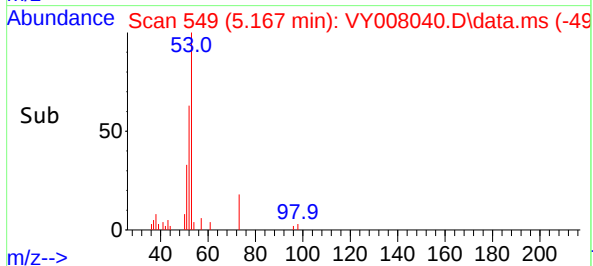
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 53 Resp: 975
Ion Ratio Lower Upper
53 100
52 78.3 67.0 100.4
51 35.0 29.8 44.6

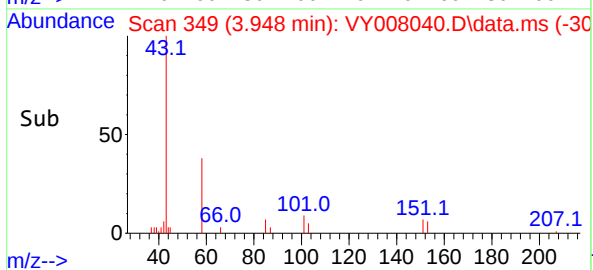
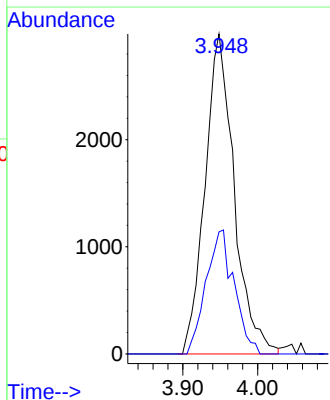
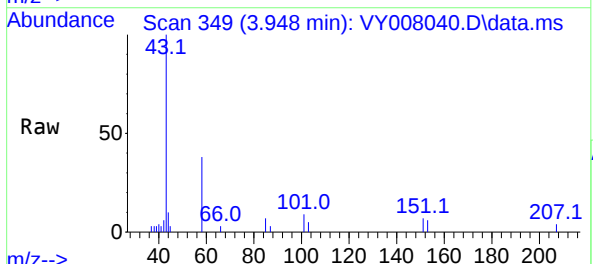
Manual Integrations
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Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#16
Acetone
Concen: 20.712 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

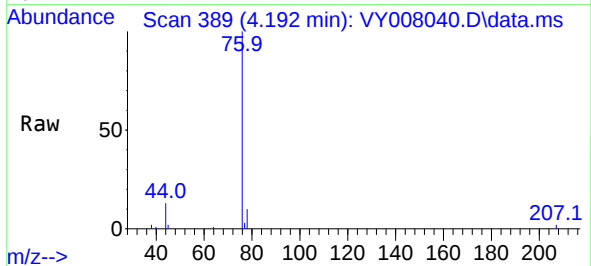
Tgt Ion: 43 Resp: 8101
Ion Ratio Lower Upper
43 100
58 38.2 22.0 33.0#





#17
Carbon Disulfide
Concen: 3.756 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

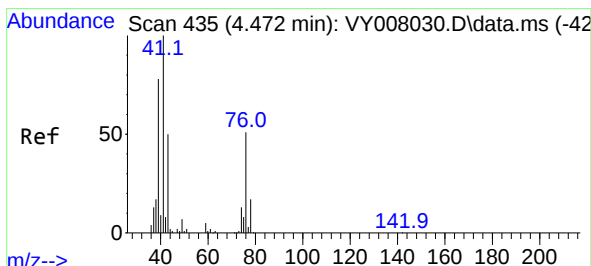
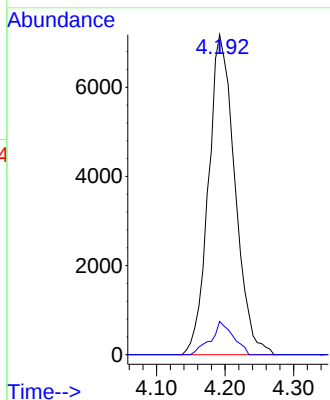
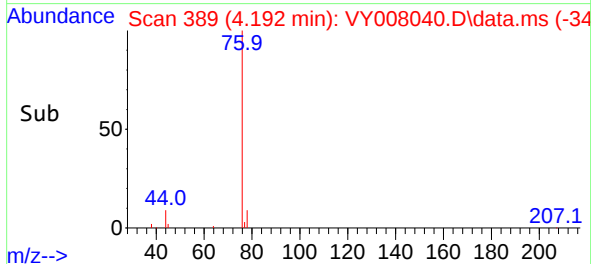
Instrument : MSVOA_Y
Client Sample Id : LOD-MDL-SOIL-01-QT1-2022



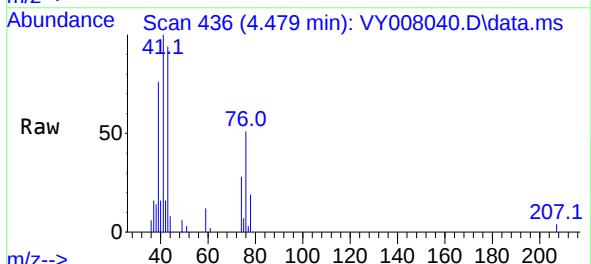
Tgt Ion: 76 Resp: 19260
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0

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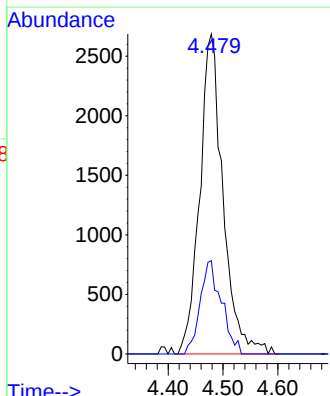
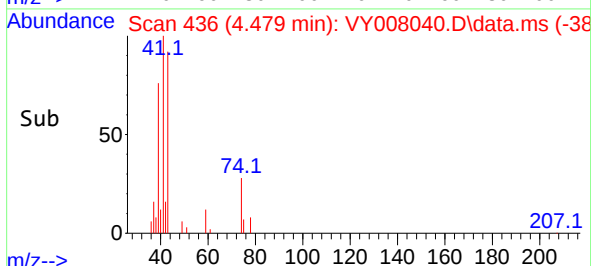
Reviewed By : John Carlone 03/28/2022
Supervised By : Mahesh Dadoda 03/28/2022

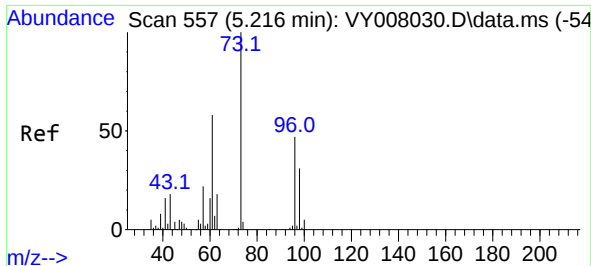


#18
Methyl Acetate
Concen: 6.018 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



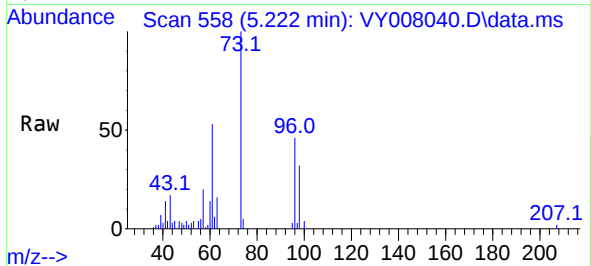
Tgt Ion: 43 Resp: 7918
Ion Ratio Lower Upper
43 100
74 26.6 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 4.069 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

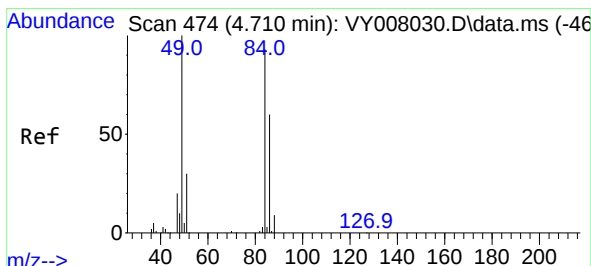
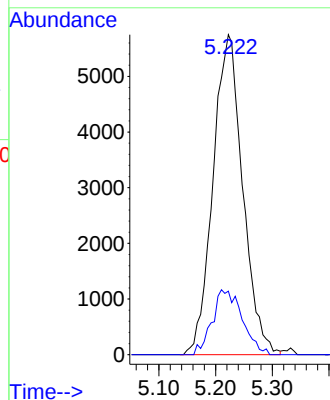
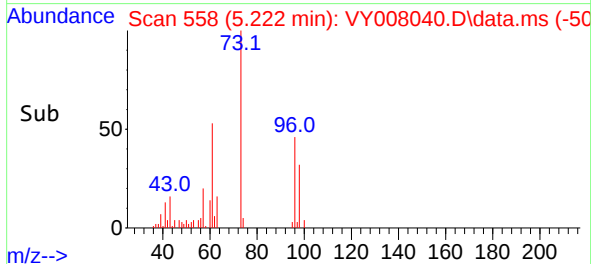
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 73 Resp: 20924
Ion Ratio Lower Upper
73 100
57 19.9 18.6 27.8

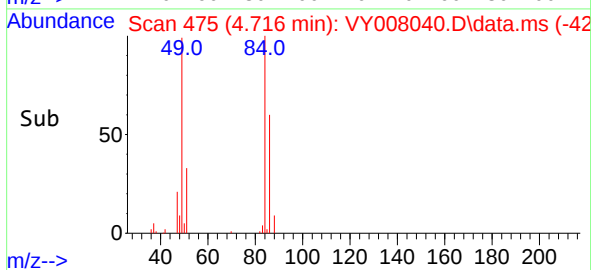
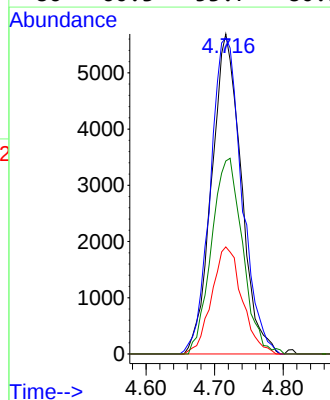
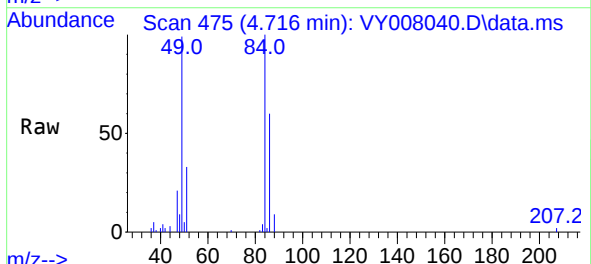
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 7.381 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

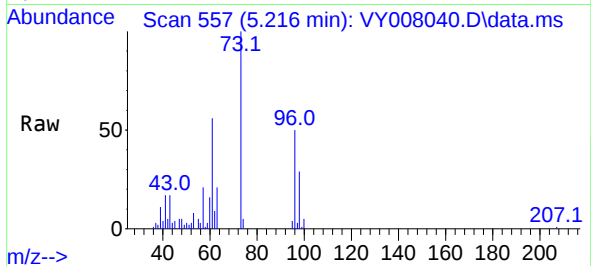
Tgt Ion: 84 Resp: 16946
Ion Ratio Lower Upper
84 100
49 98.7 114.4 171.6#
51 33.4 35.3 52.9#
86 60.3 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 4.078 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

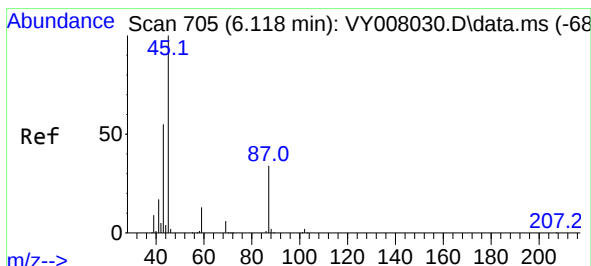
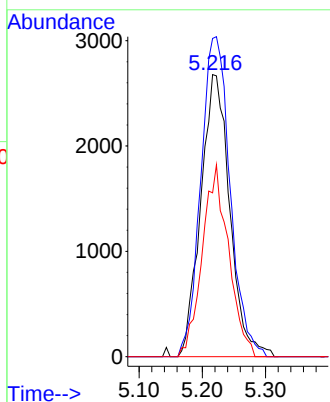
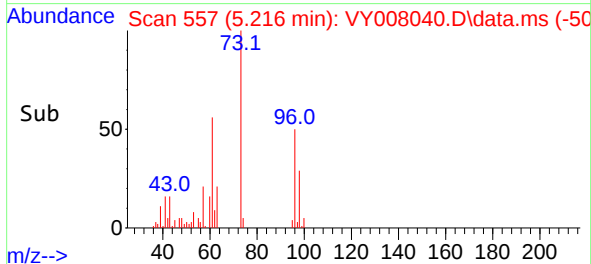
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



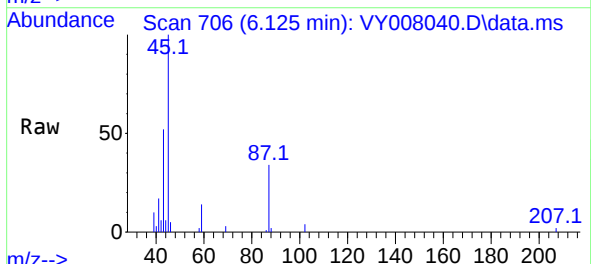
Tgt Ion: 96 Resp: 8544
Ion Ratio Lower Upper
96 100
61 112.8 120.5 180.7
98 58.1 49.8 74.8

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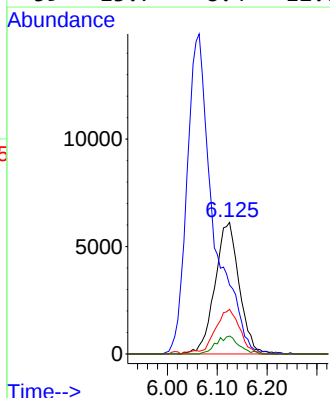
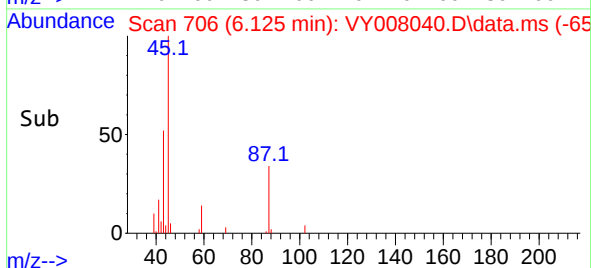
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

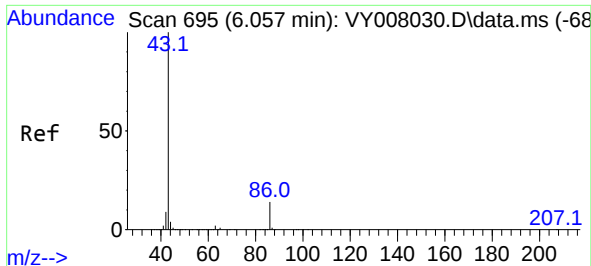


#22
Diisopropyl ether
Concen: 4.046 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



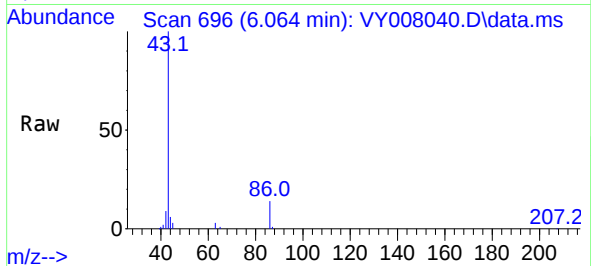
Tgt Ion: 45 Resp: 20722
Ion Ratio Lower Upper
45 100
43 51.4 49.3 73.9
87 33.9 19.2 28.8#
59 13.7 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 17.271 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.007 min
 Lab File: VY008040.D
 Acq: 26 Mar 2022 12:55

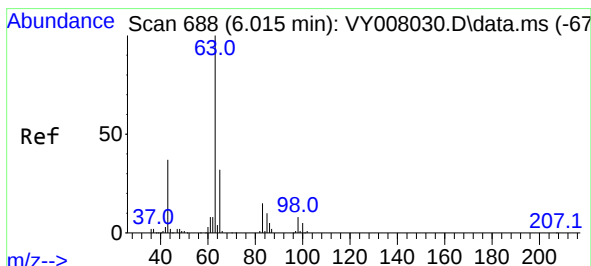
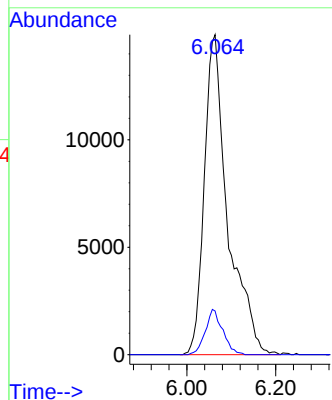
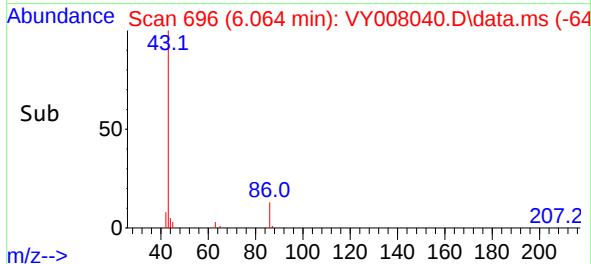
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



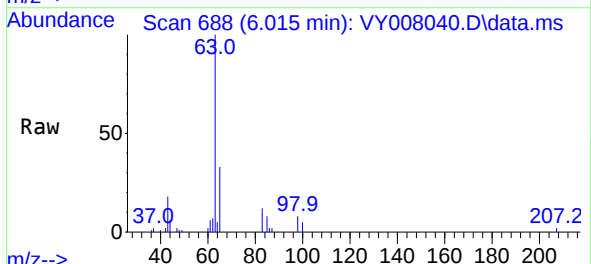
Tgt Ion: 43 Resp: 54810
 Ion Ratio Lower Upper
 43 100
 86 13.6 7.1 10.7

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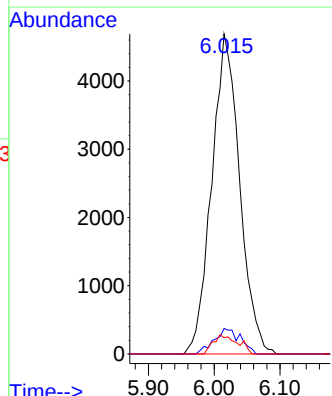
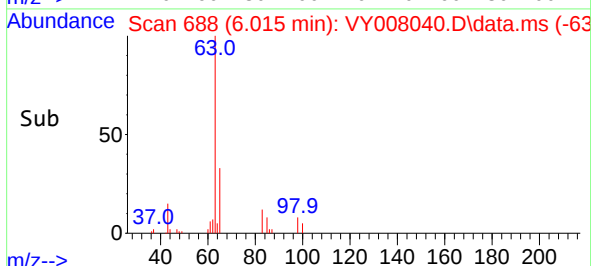
Reviewed By :John Carlone 03/28/2022
 Supervised By :Mahesh Dadoda 03/28/2022

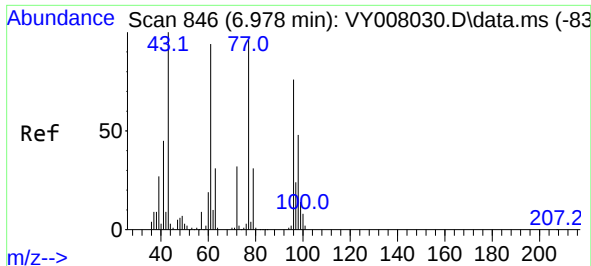


#24
 1,1-Dichloroethane
 Concen: 4.086 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY008040.D
 Acq: 26 Mar 2022 12:55



Tgt Ion: 63 Resp: 13855
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.6 10.8
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 20.768 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008040.D

Acq: 26 Mar 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 43 Resp: 1236

Ion Ratio Lower Upper

43 100

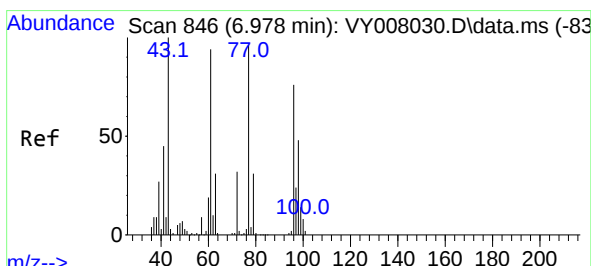
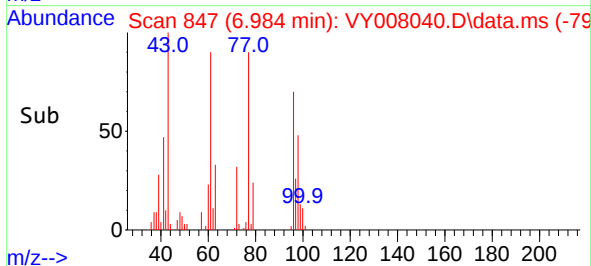
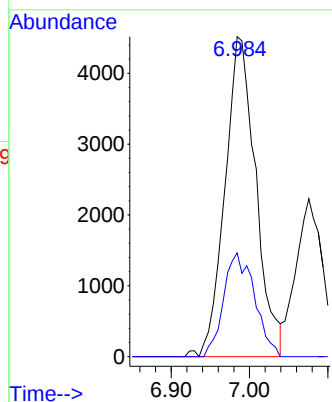
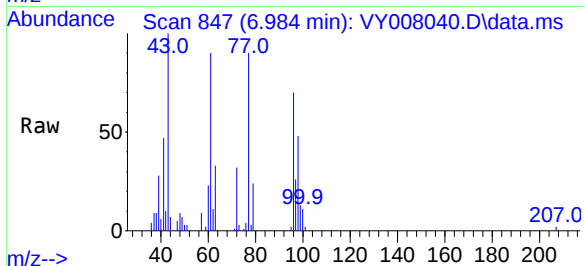
72 32.4 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#26

2,2-Dichloropropane

Concen: 3.991 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008040.D

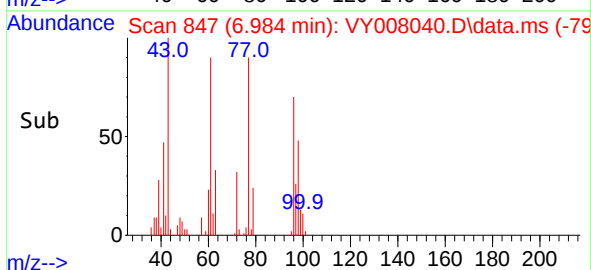
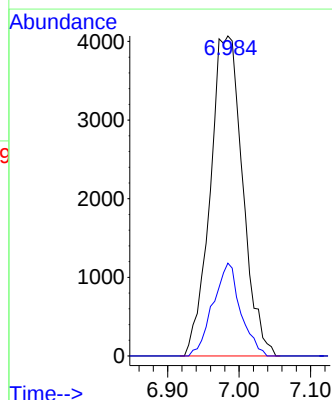
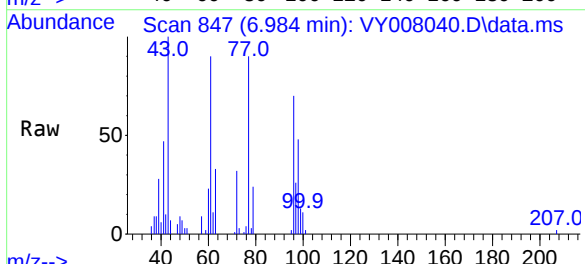
Acq: 26 Mar 2022 12:55

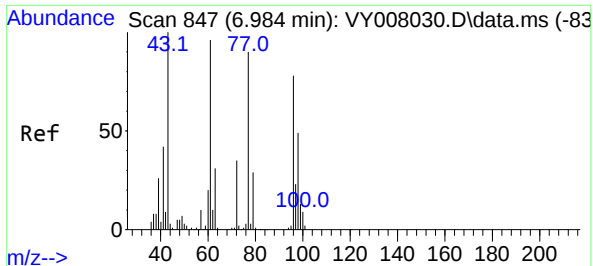
Tgt Ion: 77 Resp: 12816

Ion Ratio Lower Upper

77 100

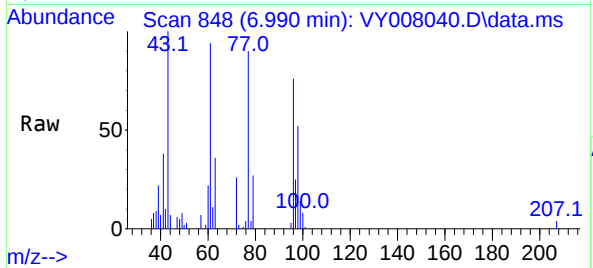
97 24.7 10.4 31.4





#27
cis-1,2-Dichloroethene
Concen: 3.854 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

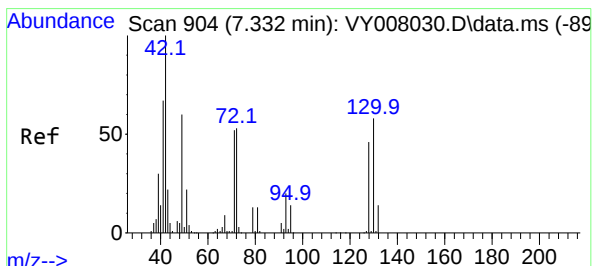
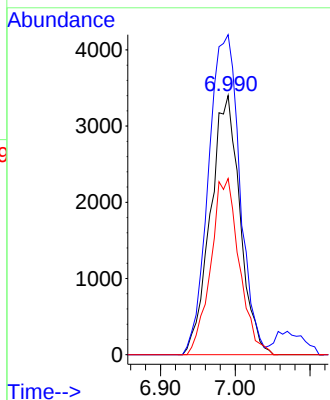
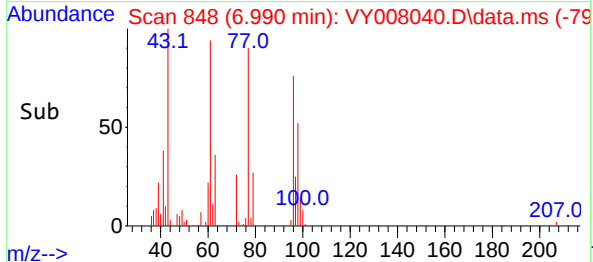
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 96 Resp: 935
Ion Ratio Lower Upper
96 100
61 130.9 0.0 319.8
98 65.5 0.0 127.0

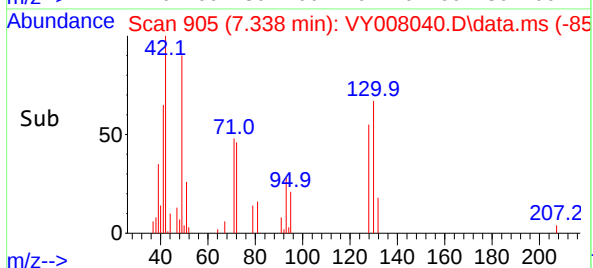
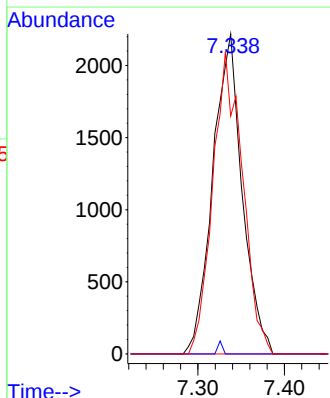
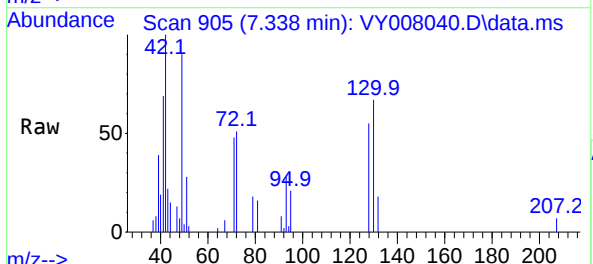
Manual Integrations
APPROVED

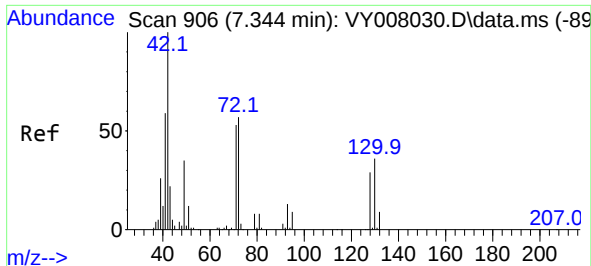
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#28
Bromochloromethane
Concen: 4.769 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

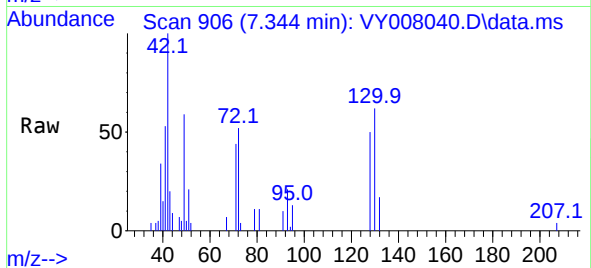
Tgt Ion: 49 Resp: 5245
Ion Ratio Lower Upper
49 100
129 0.6 0.0 2.2
130 95.2 55.4 83.0#





#29
Tetrahydrofuran
Concen: 20.023 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

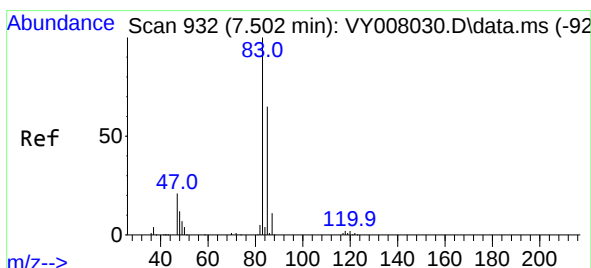
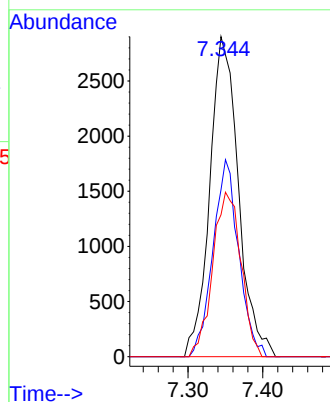
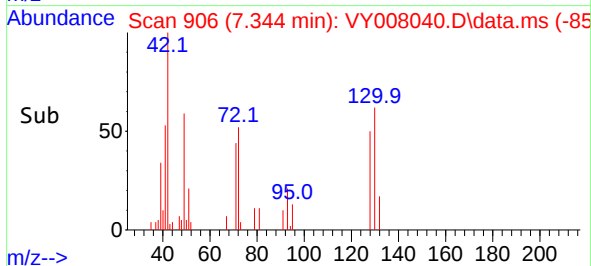
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 42 Resp: 7748
Ion Ratio Lower Upper
42 100
72 55.2 30.3 45.5
71 50.5 29.0 43.4

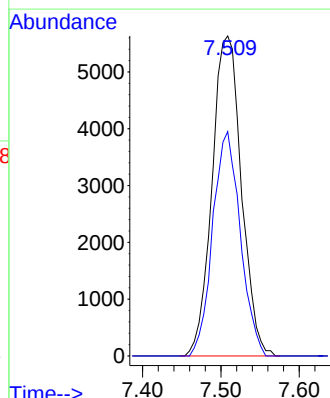
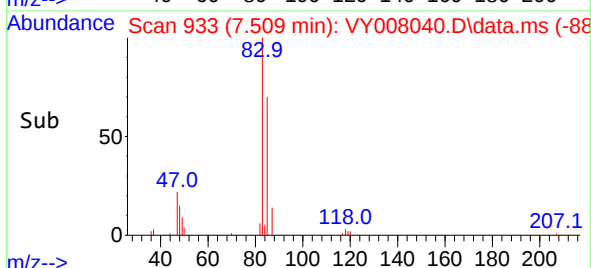
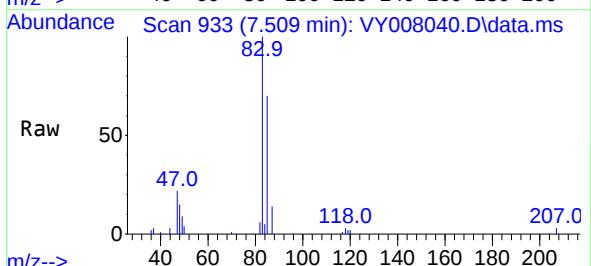
Manual Integrations
APPROVED

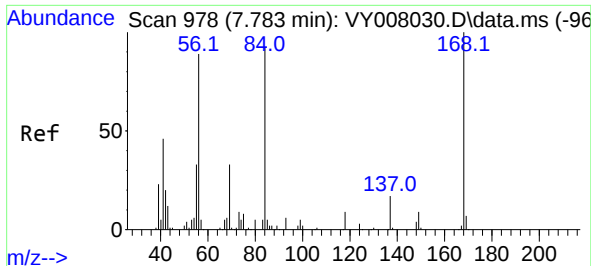
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#30
Chloroform
Concen: 3.996 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

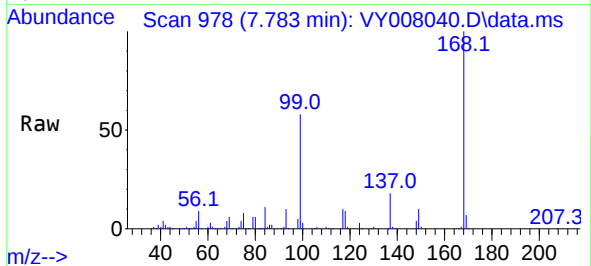
Tgt Ion: 83 Resp: 14671
Ion Ratio Lower Upper
83 100
85 70.1 51.8 77.6





#31
Cyclohexane
Concen: 4.799 ug/l
RT: 7.783 min Scan# 913
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

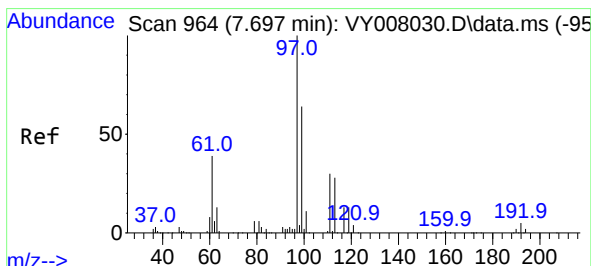
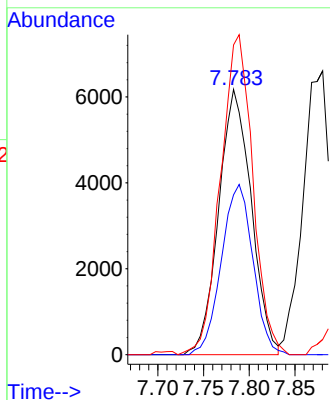
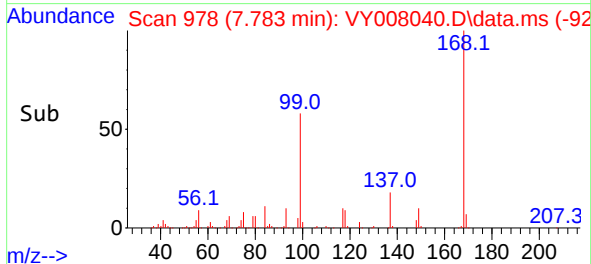
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



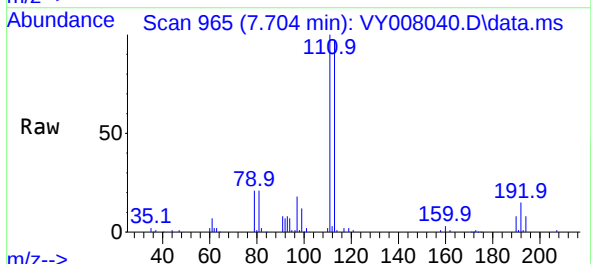
Tgt Ion: 56 Resp: 15349
Ion Ratio Lower Upper
56 100
69 60.3 26.7 40.1
84 116.8 67.2 100.8

Manual Integrations
APPROVED

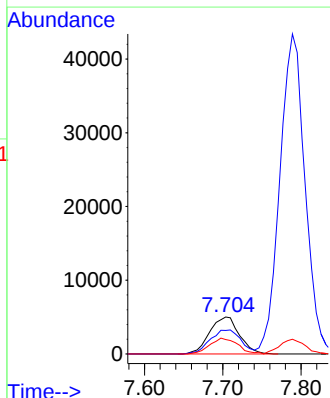
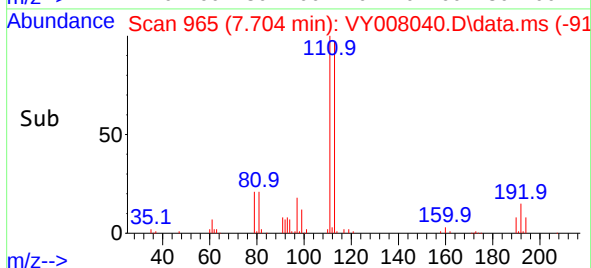
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

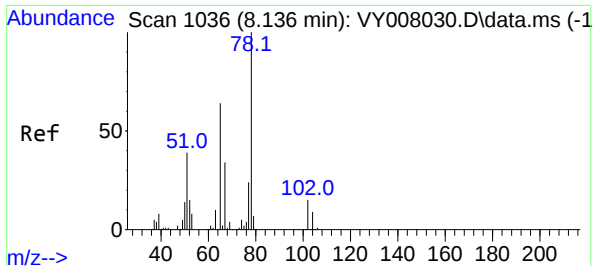


#32
1,1,1-Trichloroethane
Concen: 3.884 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



Tgt Ion: 97 Resp: 13177
Ion Ratio Lower Upper
97 100
99 68.0 50.7 76.1
61 40.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 52.975 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY008040.D

Acq: 26 Mar 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 65 Resp: 9064

Ion Ratio Lower Upper

65 100

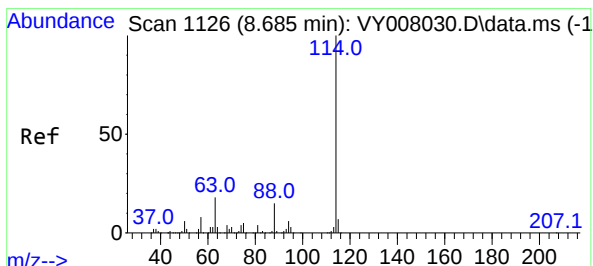
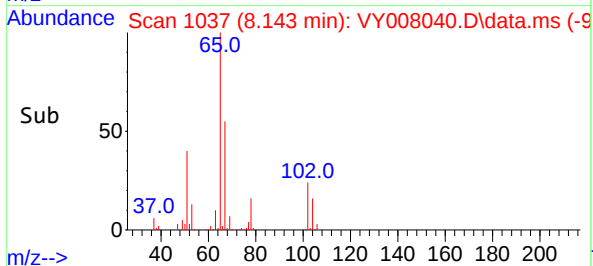
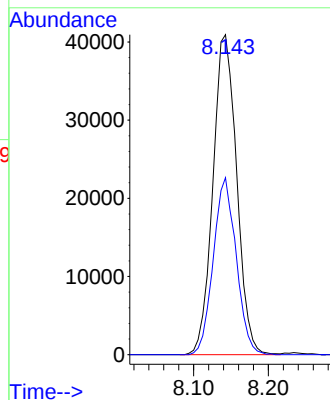
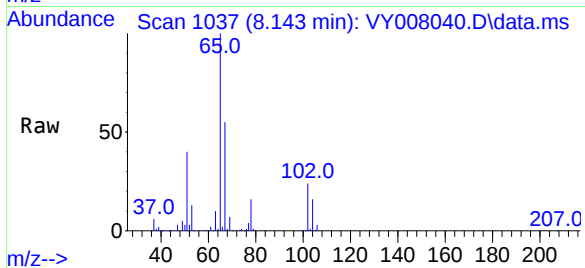
67 53.2 0.0 99.4

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: VY008040.D

Acq: 26 Mar 2022 12:55

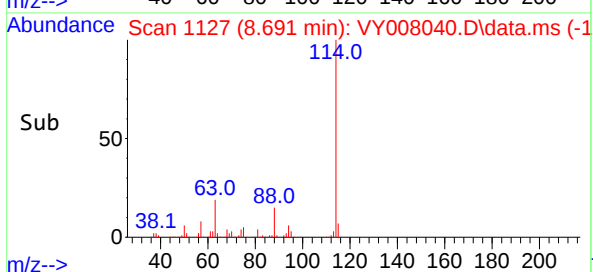
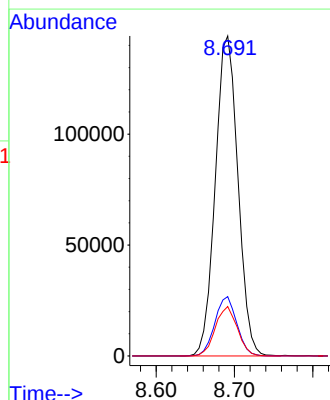
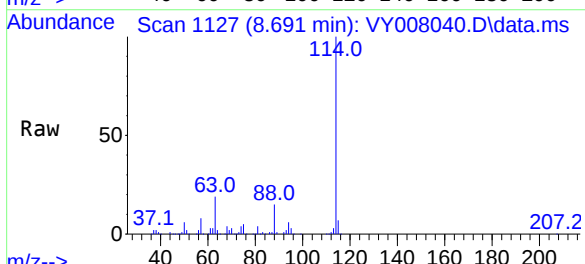
Tgt Ion:114 Resp: 289705

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

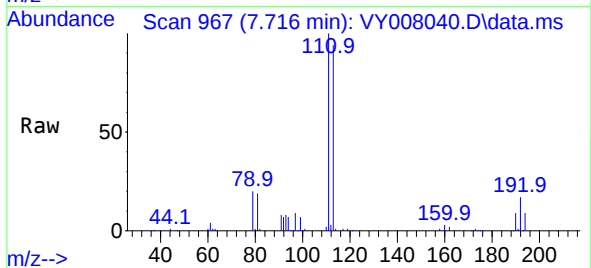
88 15.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 51.387 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

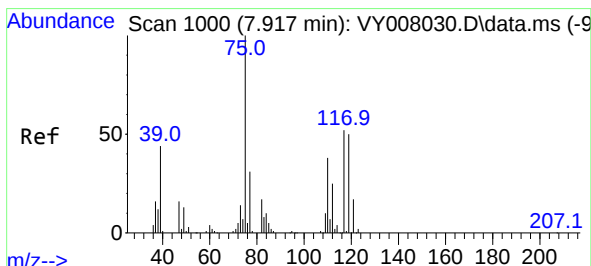
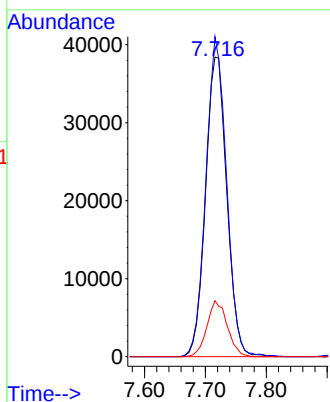
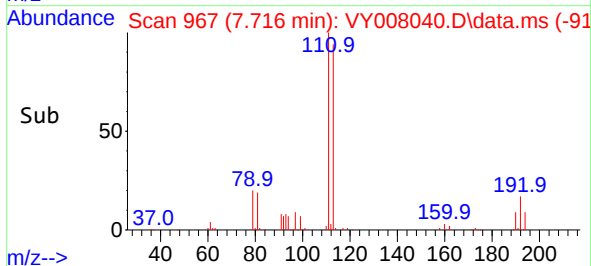
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



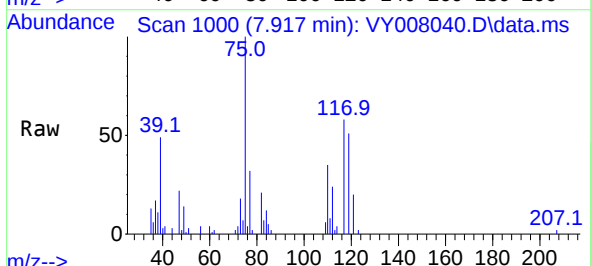
Tgt Ion:113 Resp: 93338
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.8 17.6 26.4

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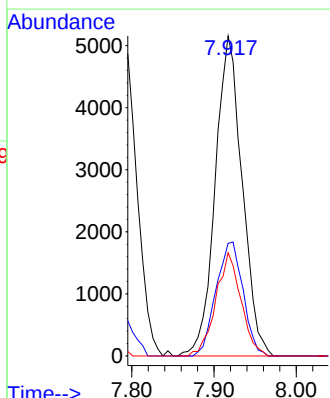
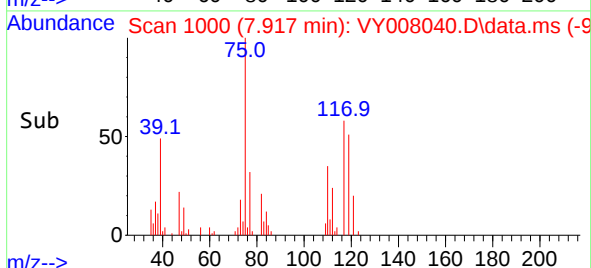
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#36
1,1-Dichloropropene
Concen: 4.111 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



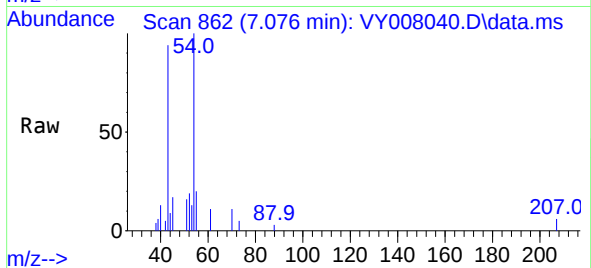
Tgt Ion: 75 Resp: 11728
Ion Ratio Lower Upper
75 100
110 35.6 17.1 51.2
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 3.843 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

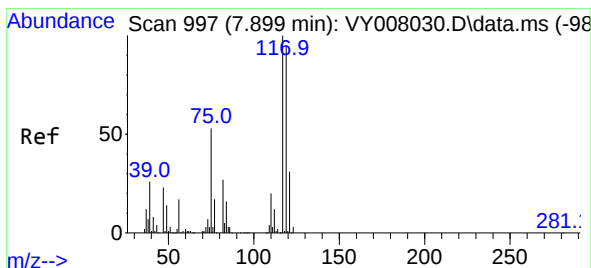
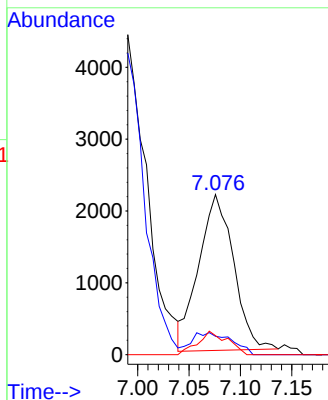
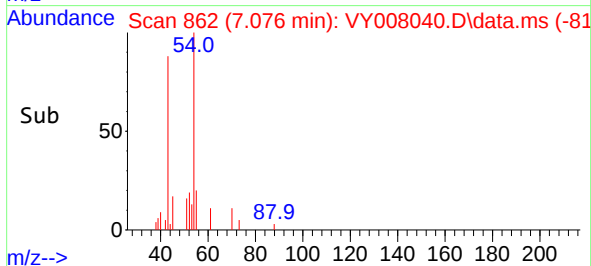
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
61 16.4 9.7 14.5
70 12.7 7.1 10.7

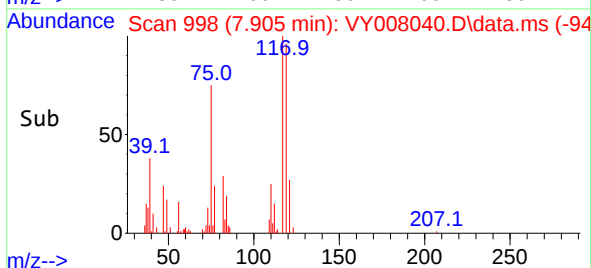
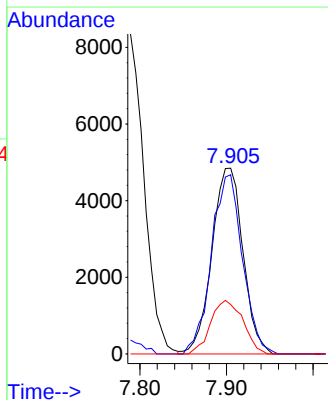
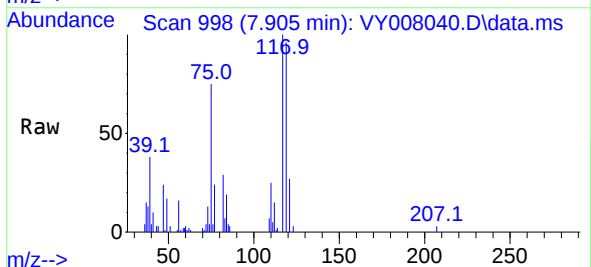
Manual Integrations
APPROVED

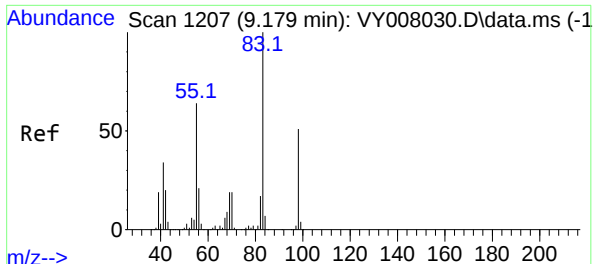
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 3.892 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

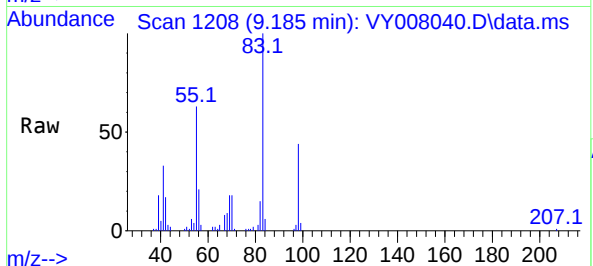
Tgt Ion:117 Resp: 12103
Ion Ratio Lower Upper
117 100
119 96.5 77.9 116.9
121 26.6 24.8 37.2





#39
Methylcyclohexane
Concen: 3.961 ug/l
RT: 9.185 min Scan# 1207
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

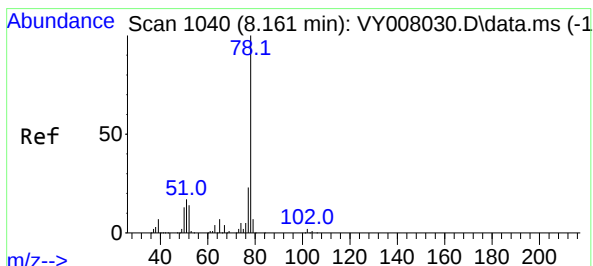
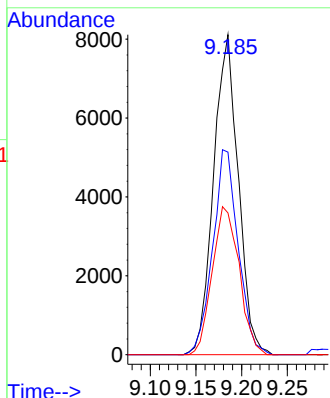
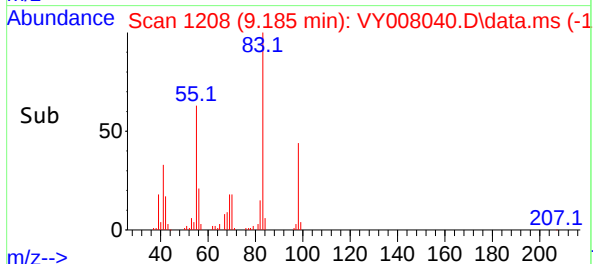
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 83 Resp: 15250
Ion Ratio Lower Upper
83 100
55 63.3 66.5 99.7
98 44.3 37.9 56.9

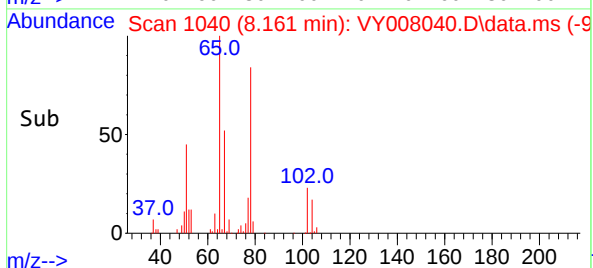
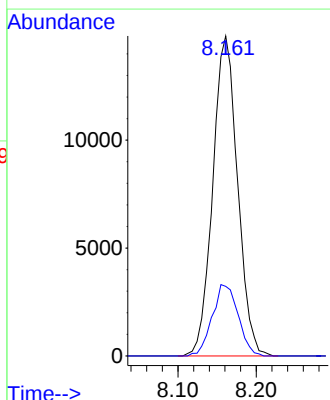
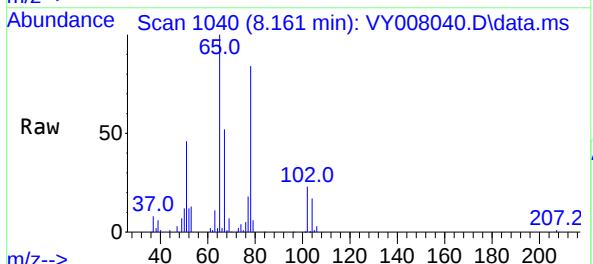
Manual Integrations
APPROVED

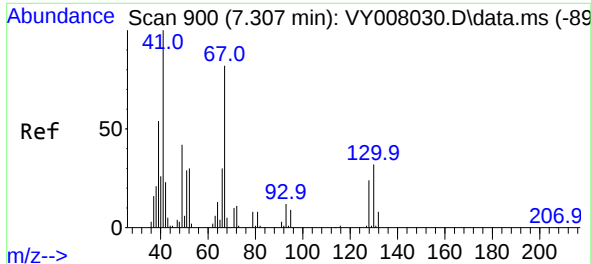
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#40
Benzene
Concen: 3.995 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

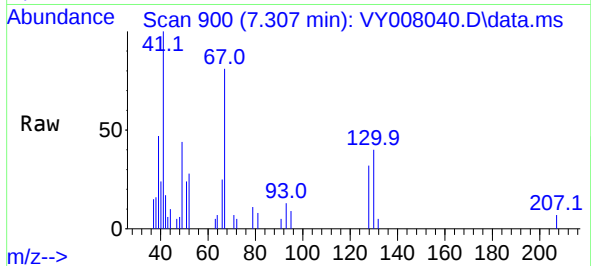
Tgt Ion: 78 Resp: 32608
Ion Ratio Lower Upper
78 100
77 21.8 20.4 30.6





#41
Methacrylonitrile
Concen: 4.783 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

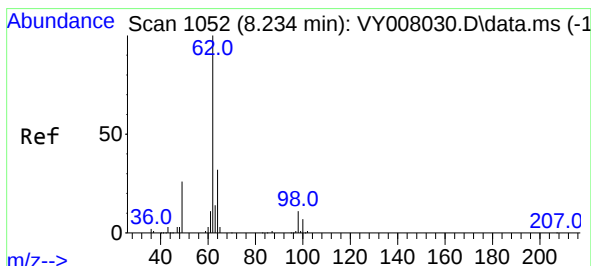
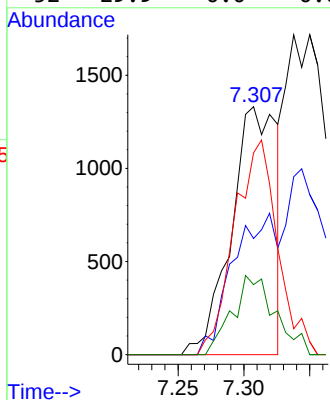
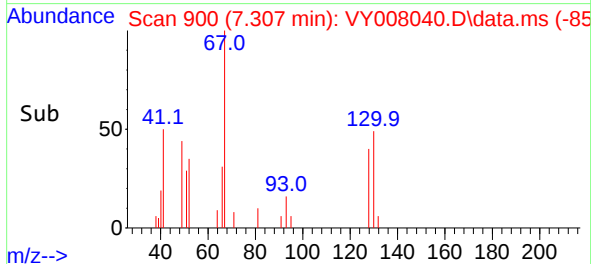
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



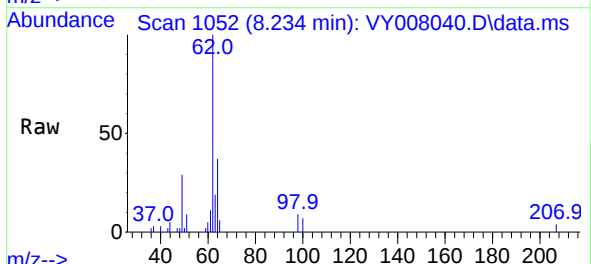
Tgt Ion: 41 Resp: 320
Ion Ratio Lower Upper
41 100
39 55.1 92.9 139.3
67 82.5 0.0 0.0
52 29.9 0.0 0.0

Manual Integrations
APPROVED

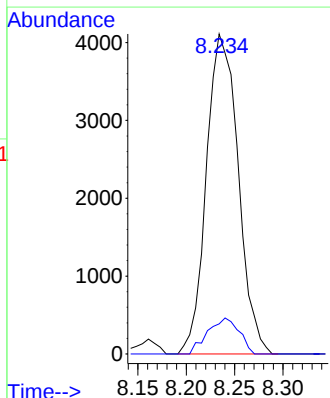
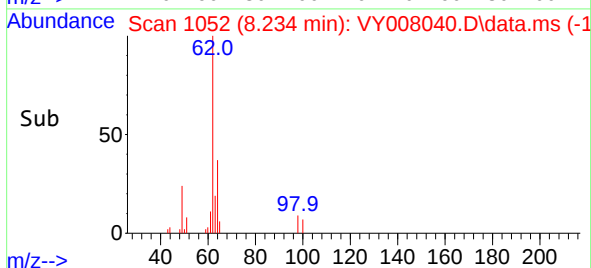
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#42
1,2-Dichloroethane
Concen: 4.110 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



Tgt Ion: 62 Resp: 9409
Ion Ratio Lower Upper
62 100
98 11.1 0.0 14.8





#43

Isopropyl Acetate

Concen: 3.894 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY008040.D

Acq: 26 Mar 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

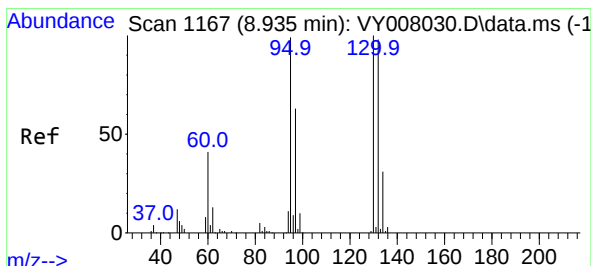
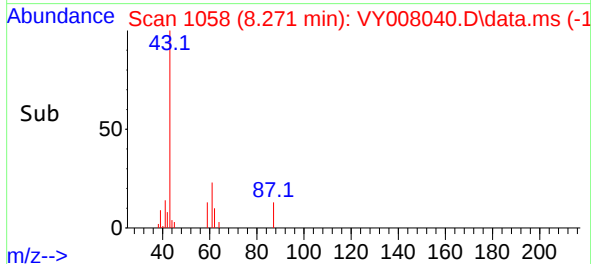
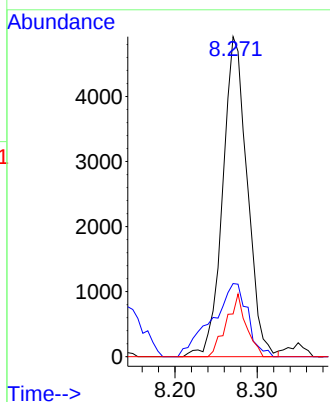
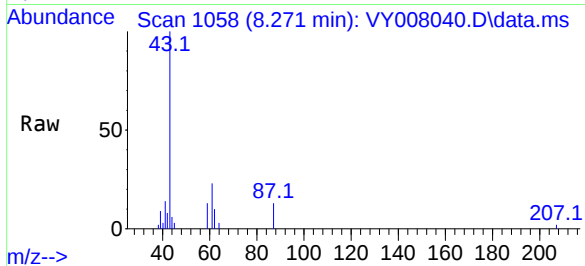
Tgt Ion: 43	Resp: 1018
Ion Ratio	Lower Upper
43 100	
61 33.1	20.2 30.2
87 15.7	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#44

Trichloroethene

Concen: 3.892 ug/l

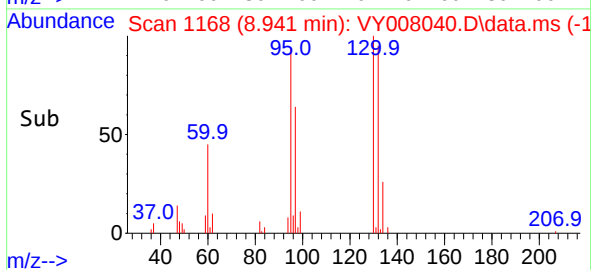
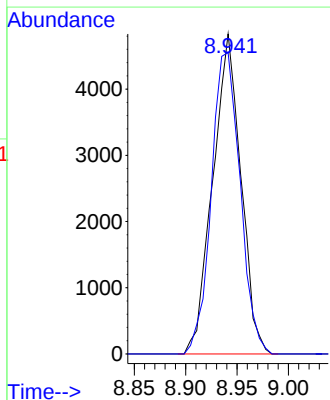
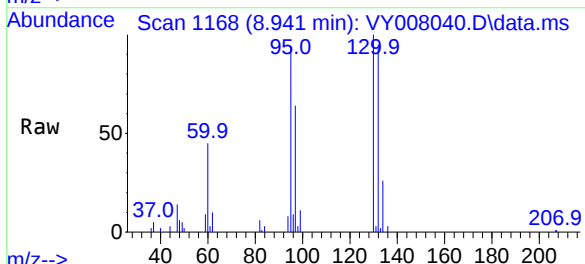
RT: 8.941 min Scan# 1168

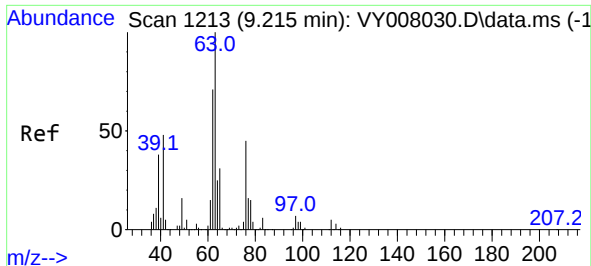
Delta R.T. 0.006 min

Lab File: VY008040.D

Acq: 26 Mar 2022 12:55

Tgt Ion:130	Resp: 9186
Ion Ratio	Lower Upper
130 100	
95 94.2	0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.140 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008040.D

Acq: 26 Mar 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 63 Resp: 796

Ion Ratio Lower Upper

63 100

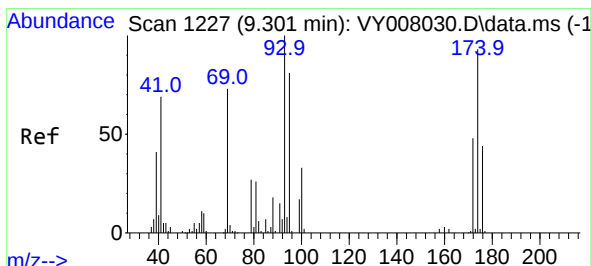
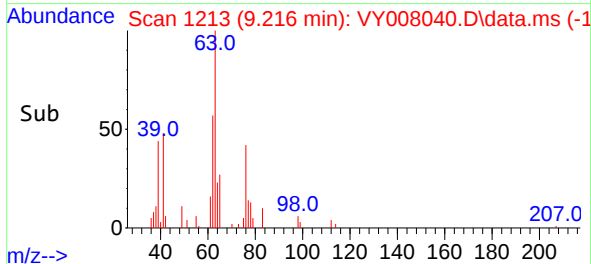
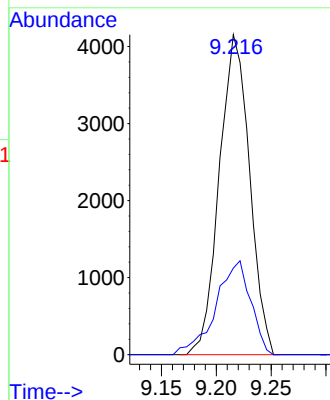
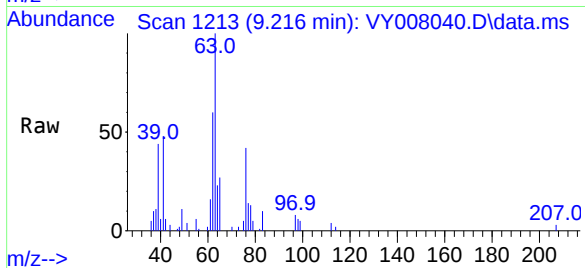
65 27.0 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#46

Dibromomethane

Concen: 3.866 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY008040.D

Acq: 26 Mar 2022 12:55

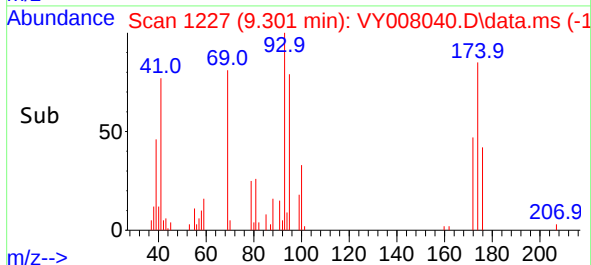
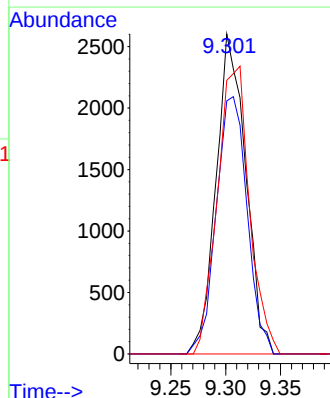
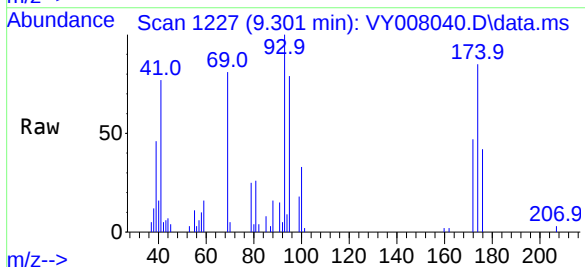
Tgt Ion: 93 Resp: 4889

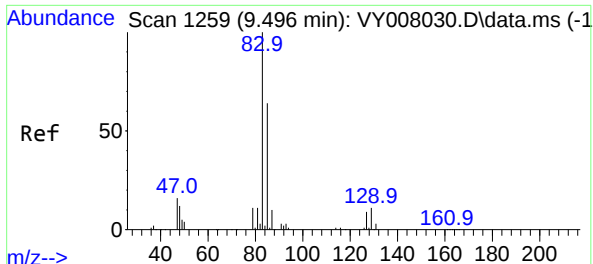
Ion Ratio Lower Upper

93 100

95 84.0 64.3 96.5

174 97.5 83.4 125.0





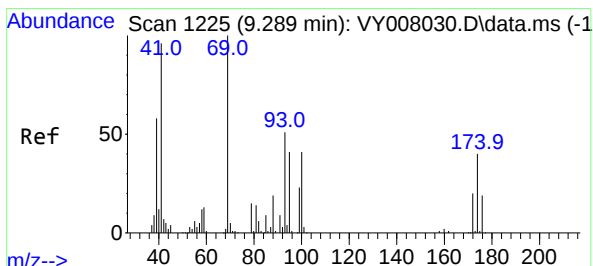
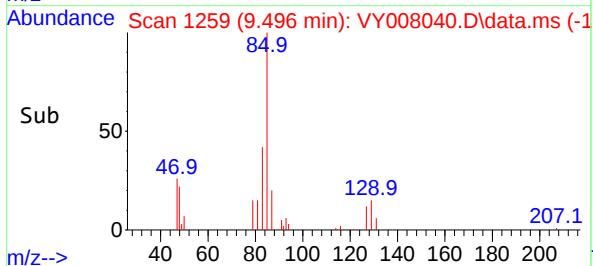
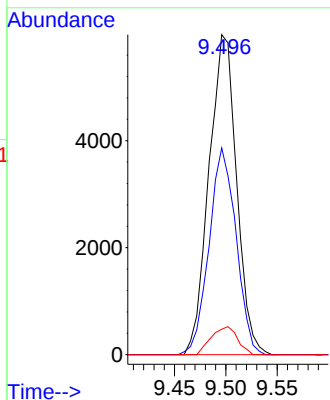
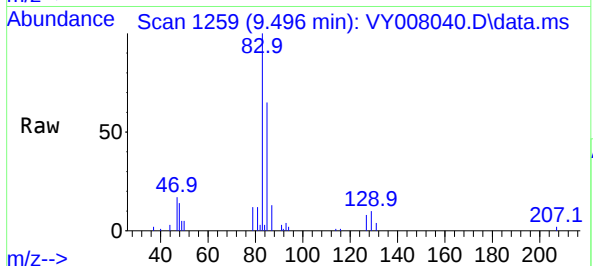
#47
Bromodichloromethane
Concen: 3.871 ug/l
RT: 9.496 min Scan# 11194
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

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

Tgt Ion: 83 Resp: 11194
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9
127 8.0 6.6 10.0

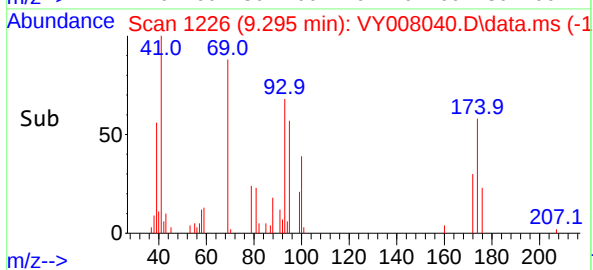
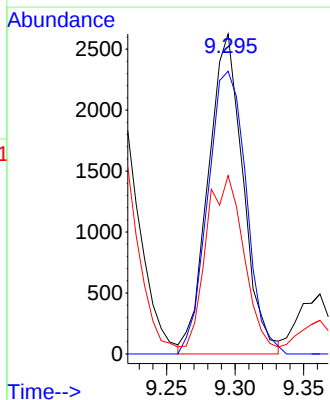
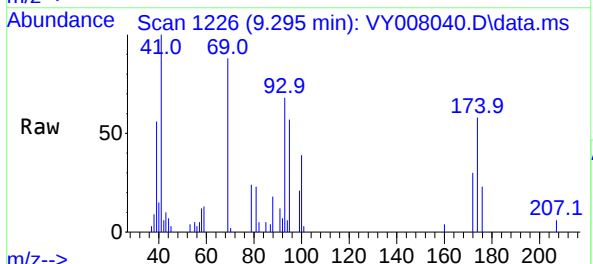
Manual Integrations
APPROVED

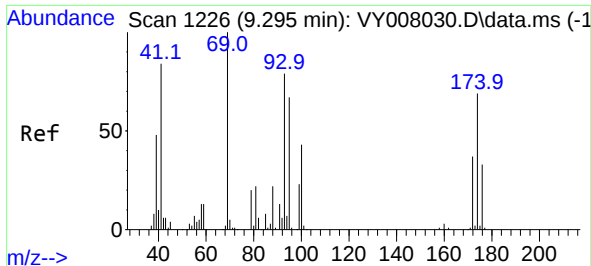
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#48
Methyl methacrylate
Concen: 4.018 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

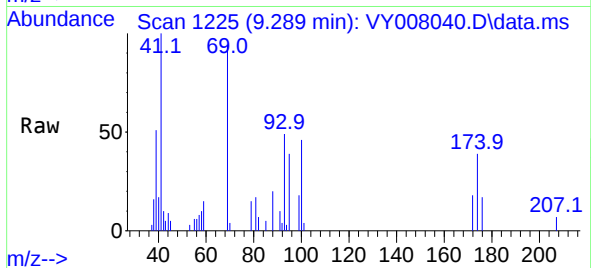
Tgt Ion: 41 Resp: 4656
Ion Ratio Lower Upper
41 100
69 97.0 58.2 87.2#
39 61.2 47.4 71.0





#49
1,4-Dioxane
Concen: 72.445 ug/l
RT: 9.289 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

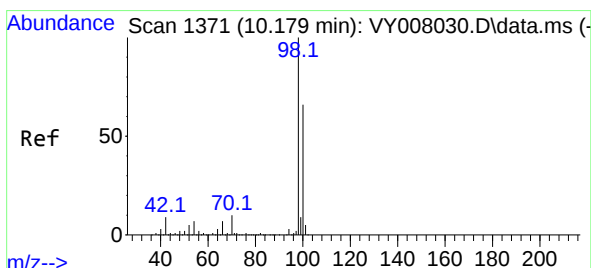
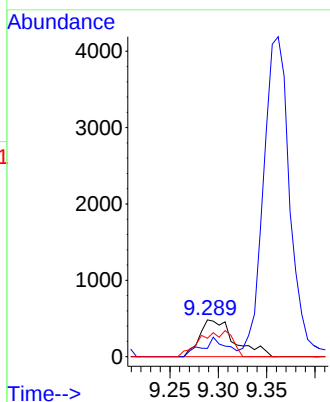
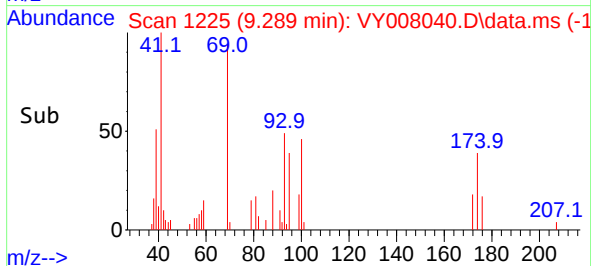
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 88 Resp: 1218
Ion Ratio Lower Upper
88 100
43 35.7 32.8 49.2
58 64.3 59.8 89.6

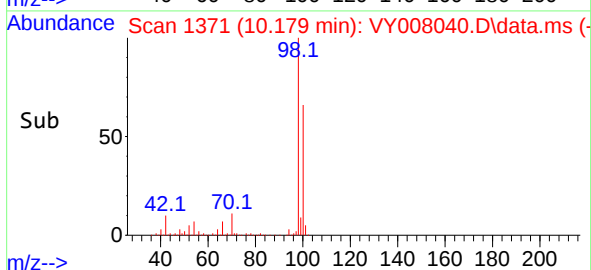
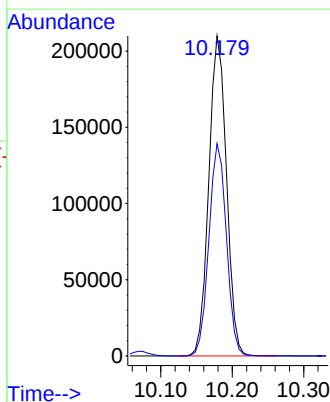
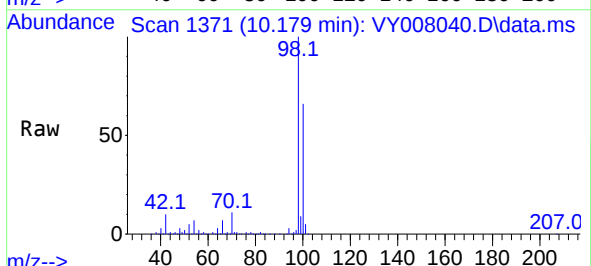
Manual Integrations
APPROVED

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



#50
Toluene-d8
Concen: 52.643 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

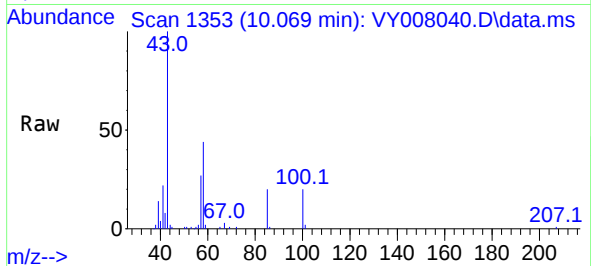
Tgt Ion: 98 Resp: 360244
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 19.620 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

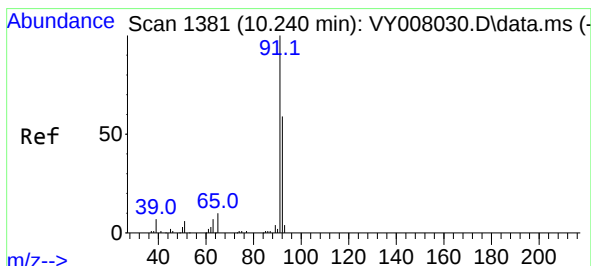
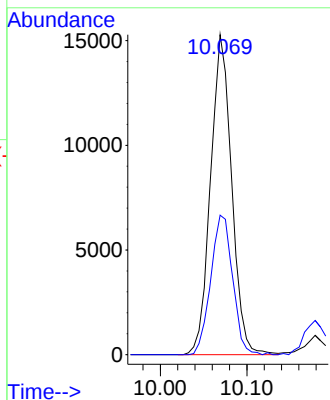
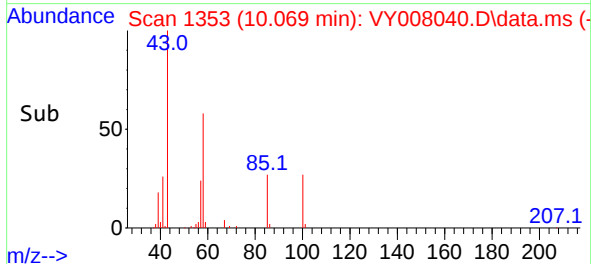
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



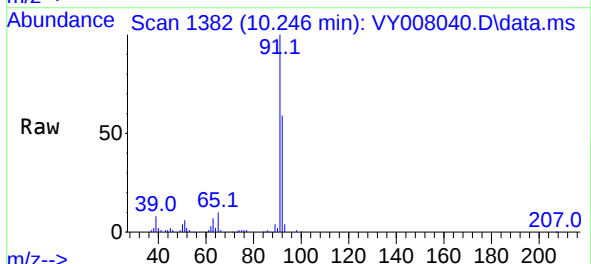
Tgt Ion: 43 Resp: 25892
Ion Ratio Lower Upper
43 100
58 45.2 28.1 42.1

Manual Integrations
APPROVED

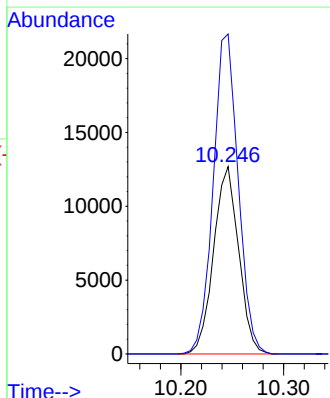
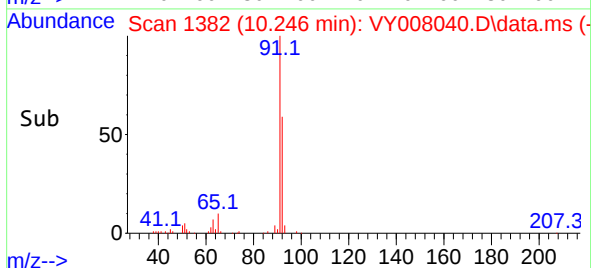
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

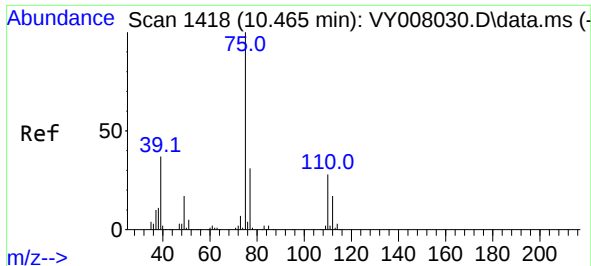


#52
Toluene
Concen: 4.008 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



Tgt Ion: 92 Resp: 21452
Ion Ratio Lower Upper
92 100
91 170.4 142.6 213.8





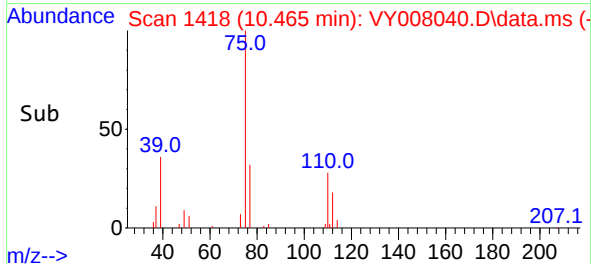
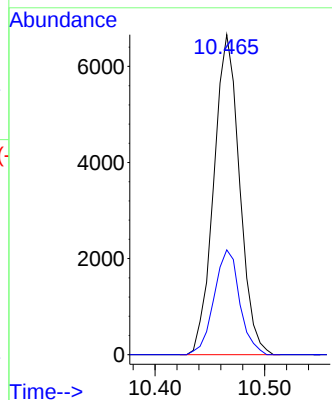
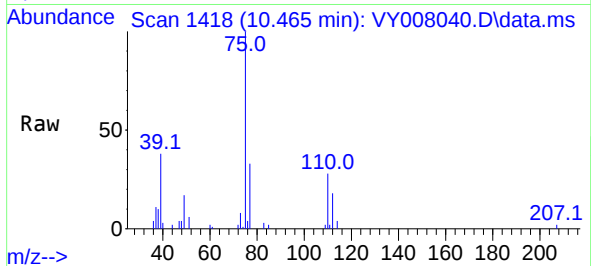
#53
t-1,3-Dichloropropene
Concen: 3.675 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

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

Tgt Ion: 75 Resp: 1089
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2

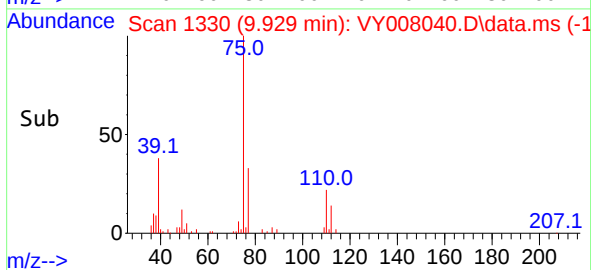
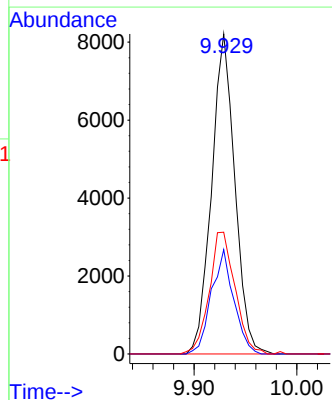
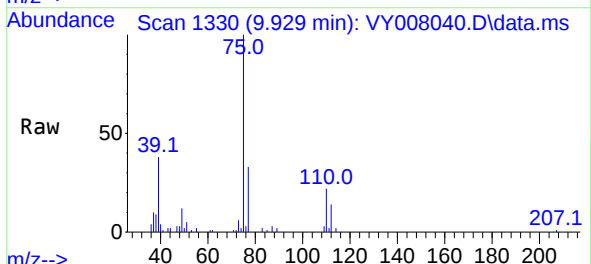
Manual Integrations
APPROVED

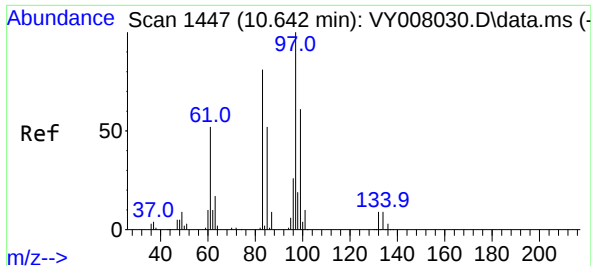
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#54
cis-1,3-Dichloropropene
Concen: 3.846 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

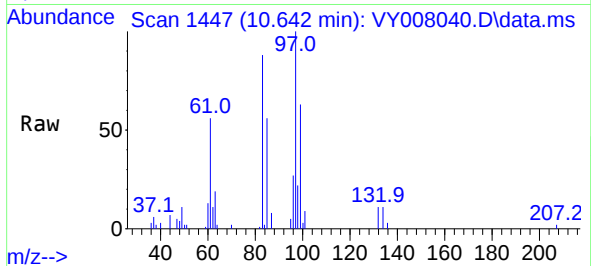
Tgt Ion: 75 Resp: 12907
Ion Ratio Lower Upper
75 100
77 32.6 25.6 38.4
39 38.0 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 3.955 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

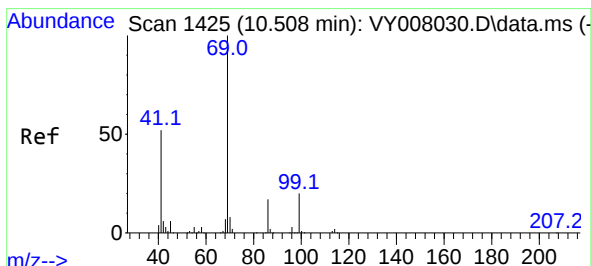
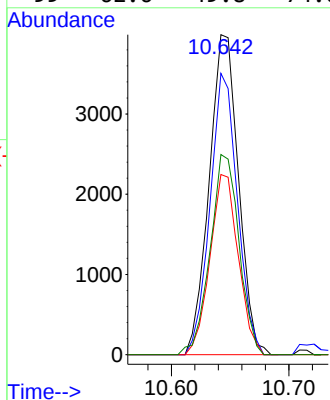
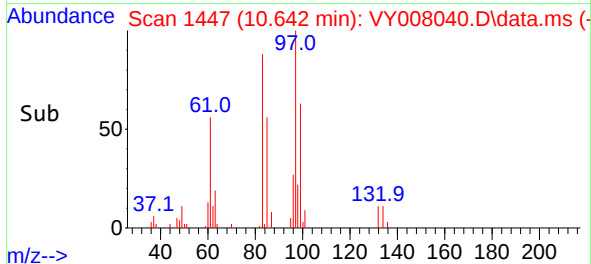
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



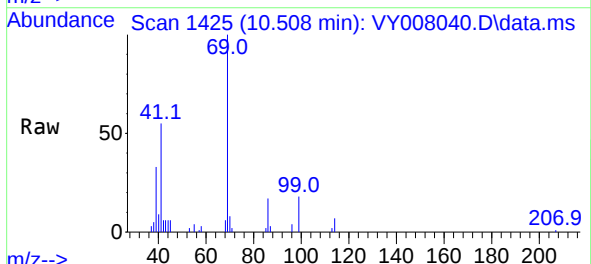
Tgt Ion:	97	Resp:	690
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.8	104.8
85	56.3	44.3	66.5
99	62.6	49.8	74.6

Manual Integrations
APPROVED

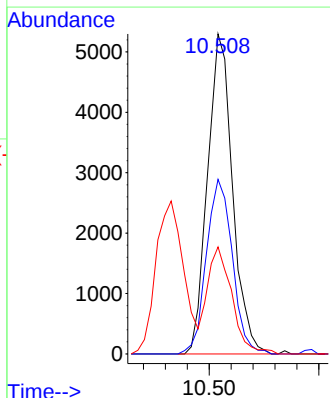
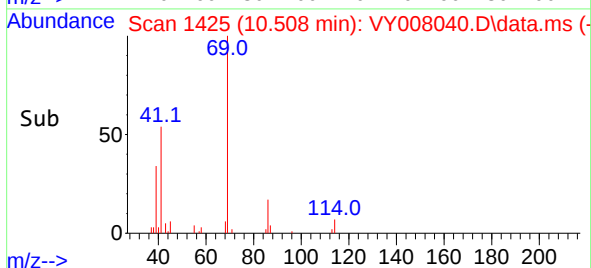
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

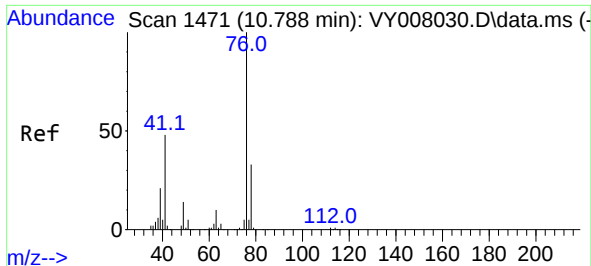


#56
Ethyl methacrylate
Concen: 3.686 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



Tgt Ion:	69	Resp:	8397
Ion	Ratio	Lower	Upper
69	100		
41	56.7	63.4	95.0#
39	32.9	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 3.983 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY008040.D

Acq: 26 Mar 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 76 Resp: 1138

Ion Ratio Lower Upper

76 100

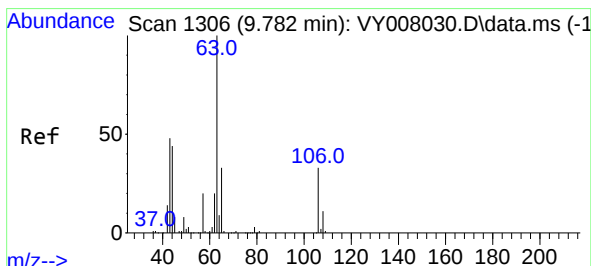
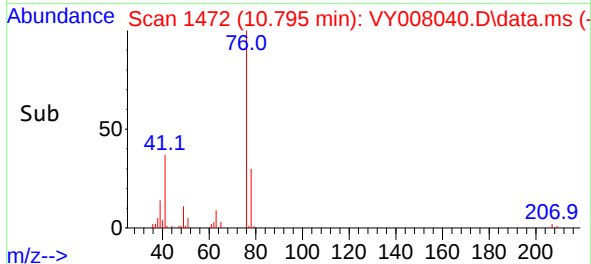
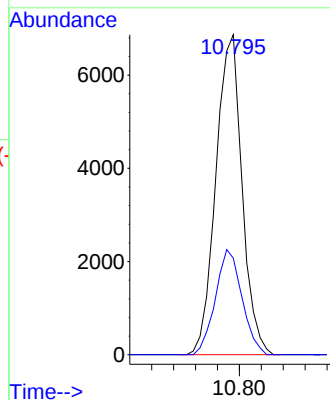
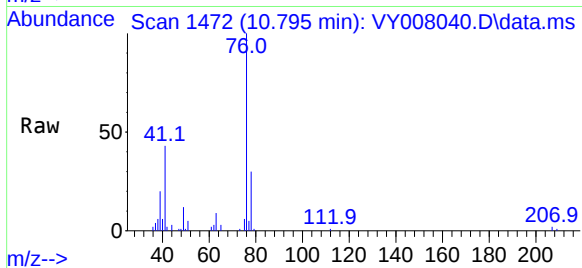
78 33.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#58

2-Chloroethyl Vinyl ether

Concen: 22.496 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY008040.D

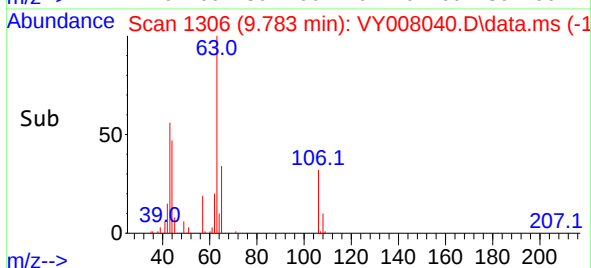
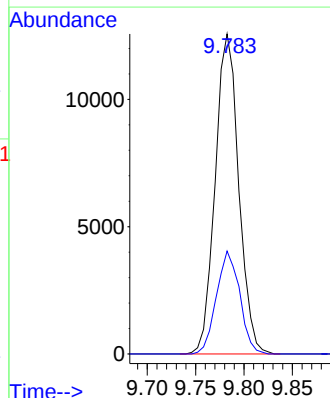
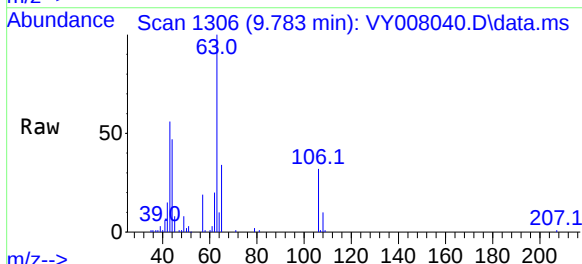
Acq: 26 Mar 2022 12:55

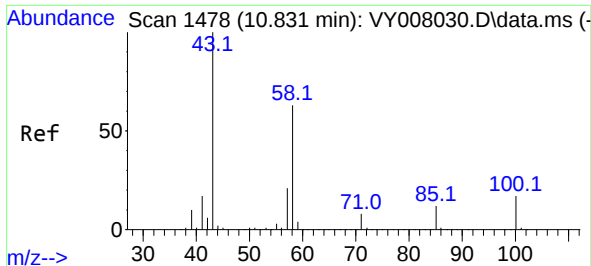
Tgt Ion: 63 Resp: 21233

Ion Ratio Lower Upper

63 100

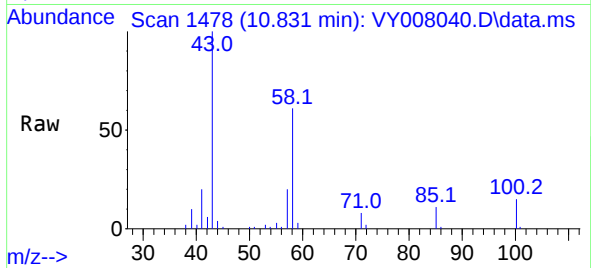
106 31.8 21.5 32.3





#59
2-Hexanone
Concen: 19.614 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

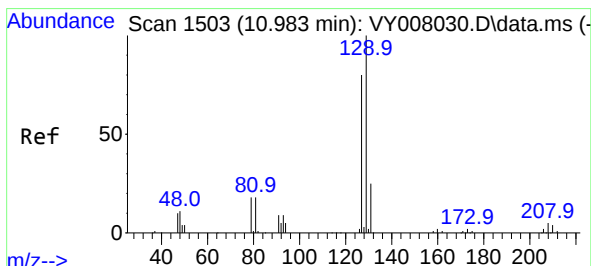
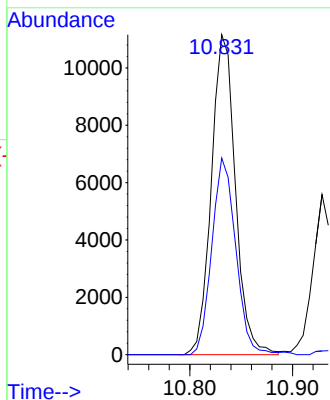
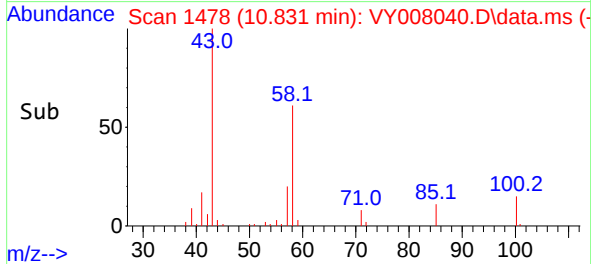
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 43 Resp: 1811
Ion Ratio Lower Upper
43 100
58 61.4 24.4 73.4

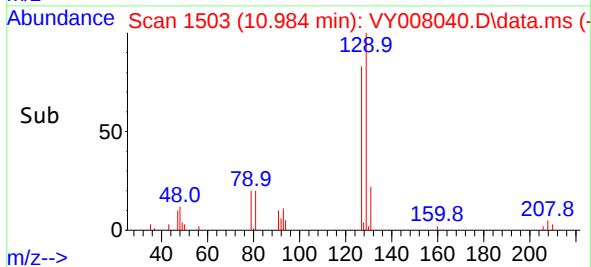
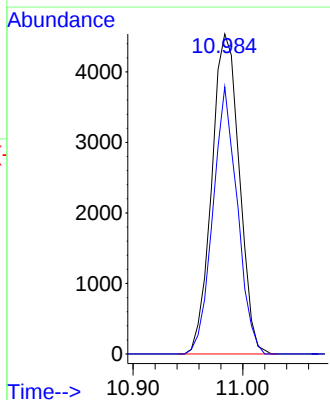
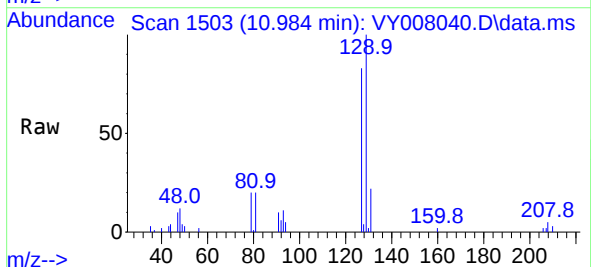
Manual Integrations
APPROVED

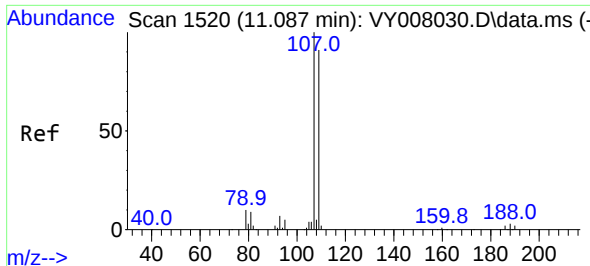
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#60
Dibromochloromethane
Concen: 3.738 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

Tgt Ion:129 Resp: 7939
Ion Ratio Lower Upper
129 100
127 74.0 38.7 116.1





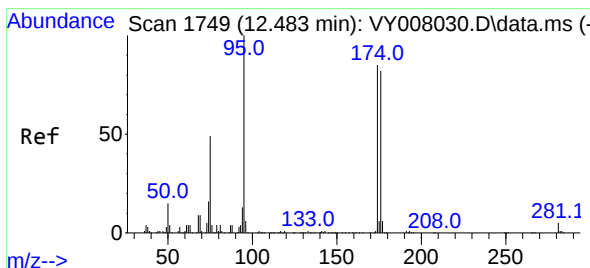
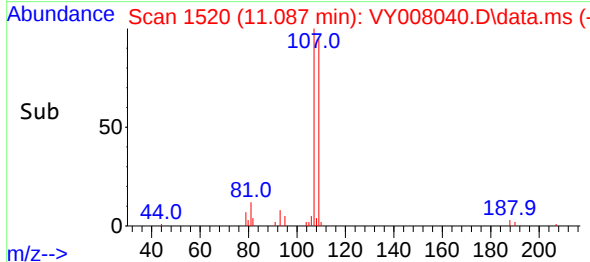
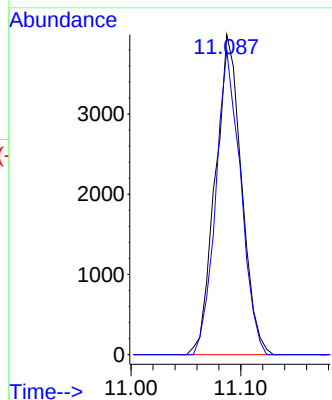
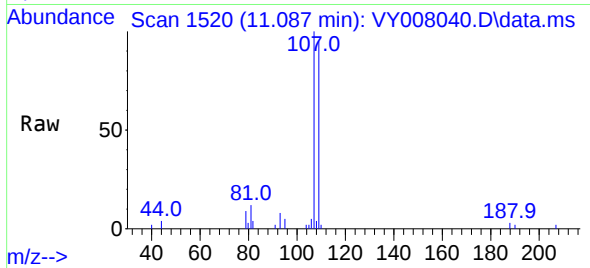
#61
1,2-Dibromoethane
Concen: 3.814 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

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

Tgt Ion:107 Resp: 663
Ion Ratio Lower Upper
107 100
109 90.4 75.4 113.2

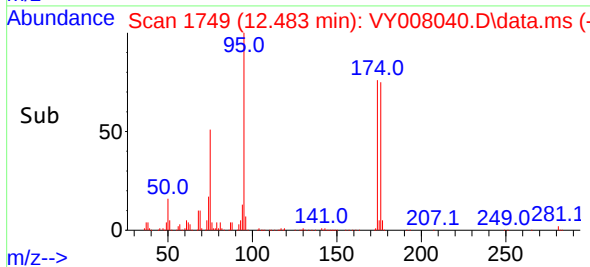
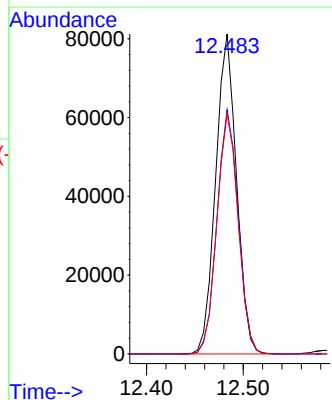
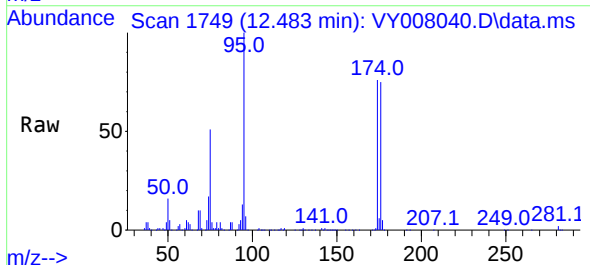
Manual Integrations
APPROVED

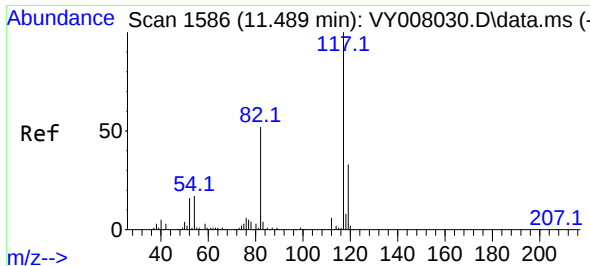
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#62
4-Bromofluorobenzene
Concen: 50.221 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

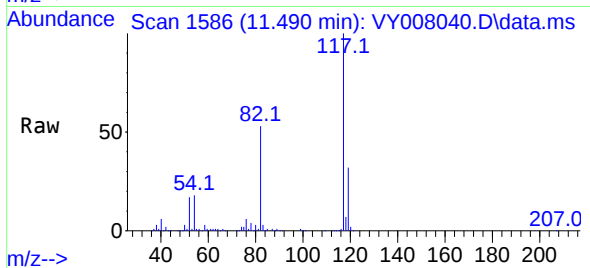
Tgt Ion: 95 Resp: 121248
Ion Ratio Lower Upper
95 100
174 78.1 0.0 177.0
176 76.4 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

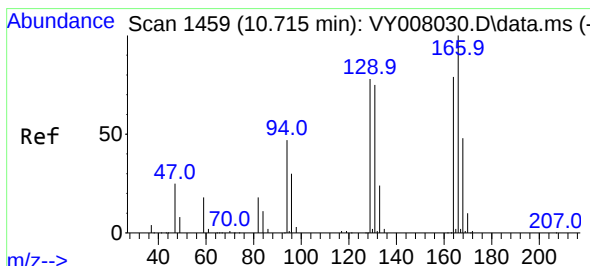
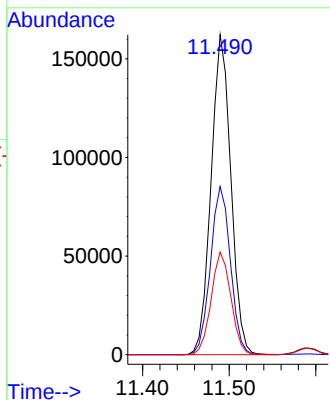
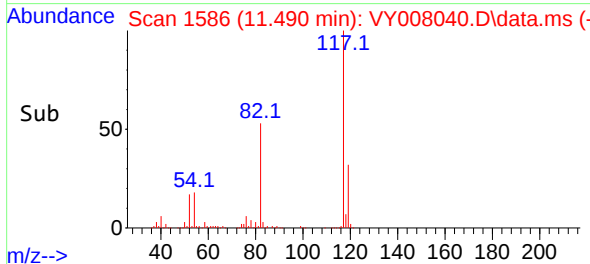
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



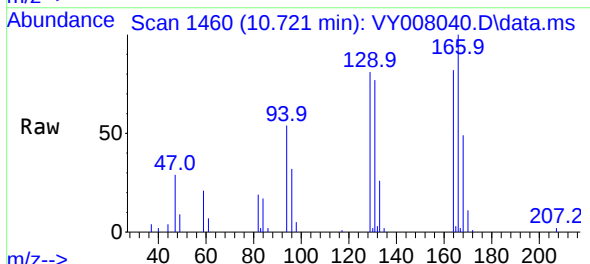
Tgt Ion:117 Resp: 257178
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.1 25.4 38.0

Manual Integrations
APPROVED

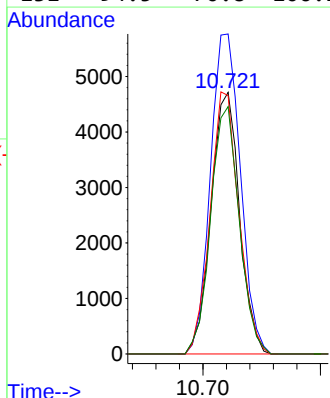
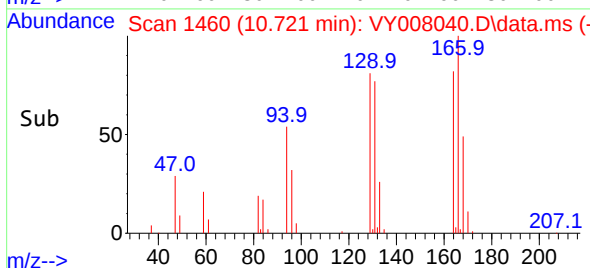
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

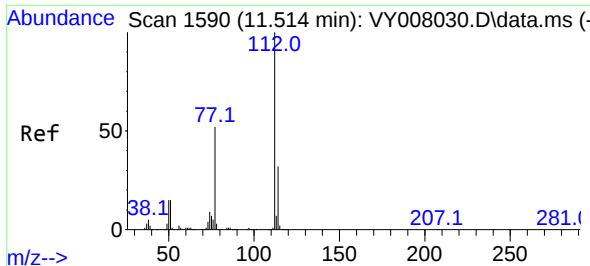


#64
Tetrachloroethene
Concen: 4.014 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



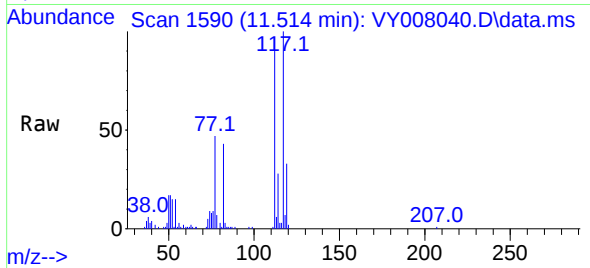
Tgt Ion:164 Resp: 7928
Ion Ratio Lower Upper
164 100
166 122.3 100.4 150.6
129 98.8 71.4 107.0
131 94.5 70.8 106.2





#65
Chlorobenzene
Concen: 4.008 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

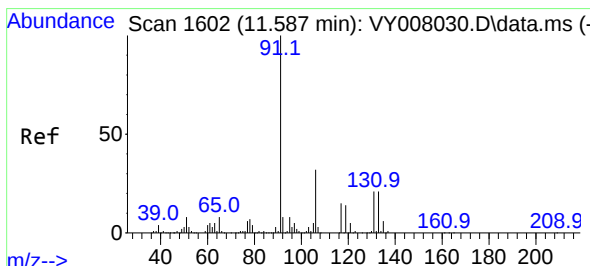
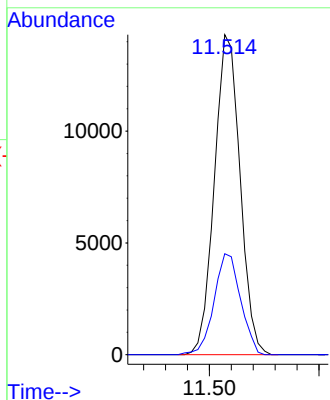
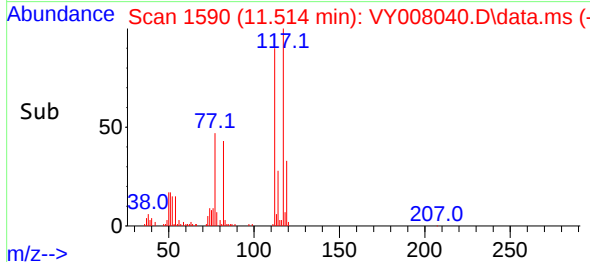
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



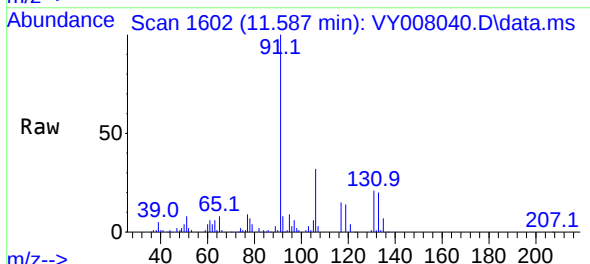
Tgt Ion:112 Resp: 23240
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

Manual Integrations
APPROVED

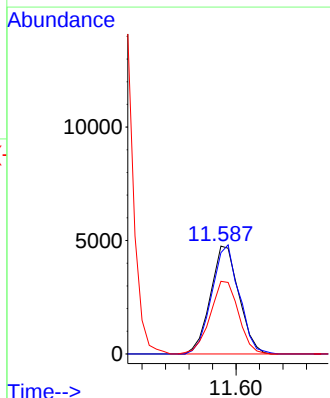
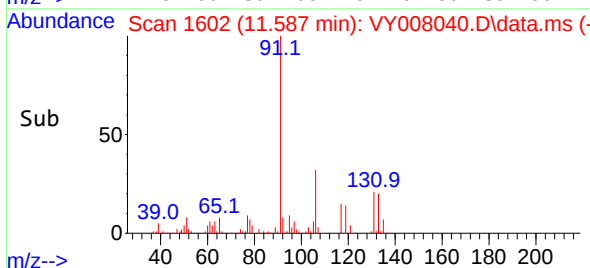
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

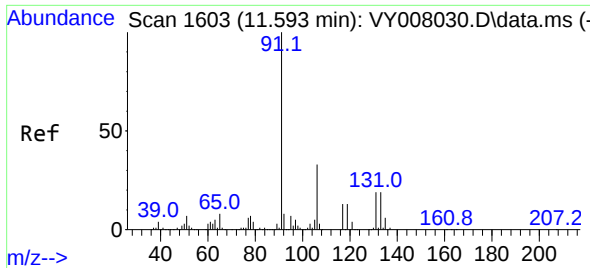


#66
1,1,1,2-Tetrachloroethane
Concen: 3.747 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



Tgt Ion:131 Resp: 8015
Ion Ratio Lower Upper
131 100
133 97.2 47.9 143.6
119 66.9 30.8 92.3





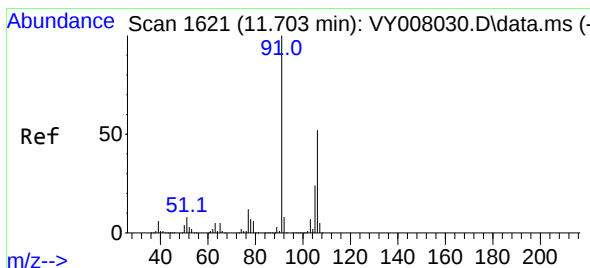
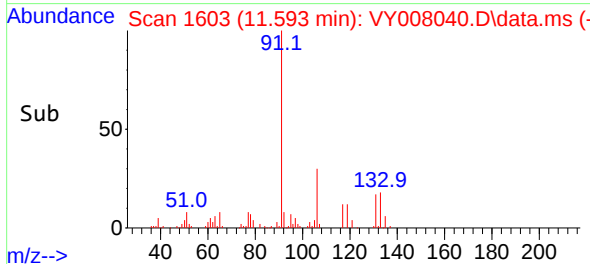
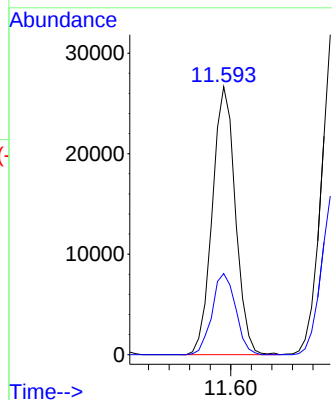
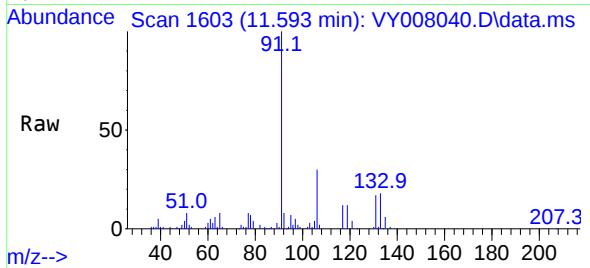
#67
Ethyl Benzene
Concen: 4.092 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

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

Tgt Ion: 91 Resp: 4159
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7

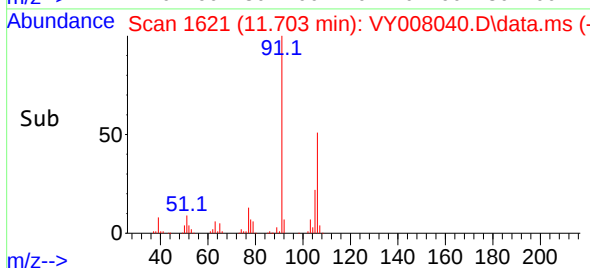
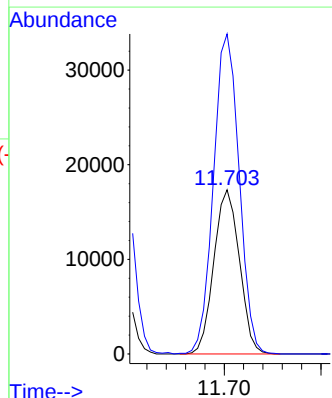
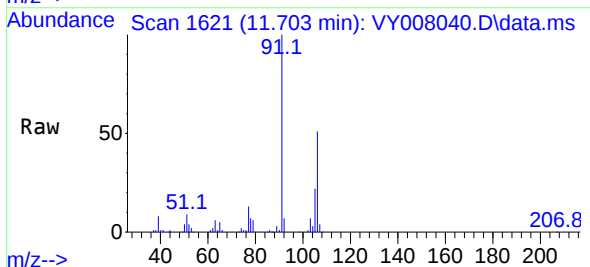
Manual Integrations
APPROVED

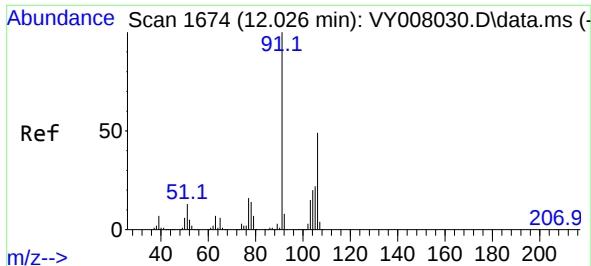
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#68
m/p-Xylenes
Concen: 7.869 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

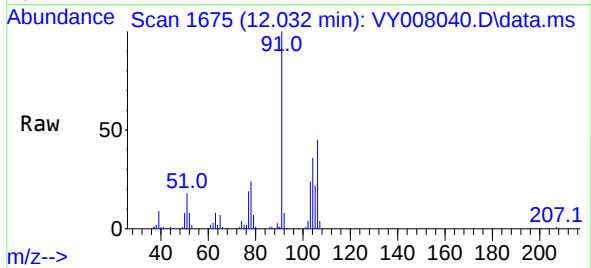
Tgt Ion:106 Resp: 31803
Ion Ratio Lower Upper
106 100
91 195.5 166.6 249.8





#69
o-Xylene
Concen: 3.819 ug/l
RT: 12.032 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

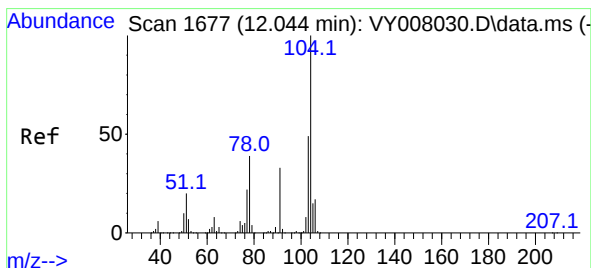
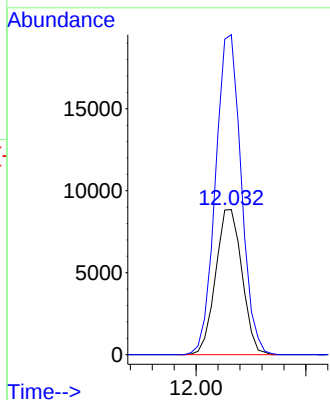
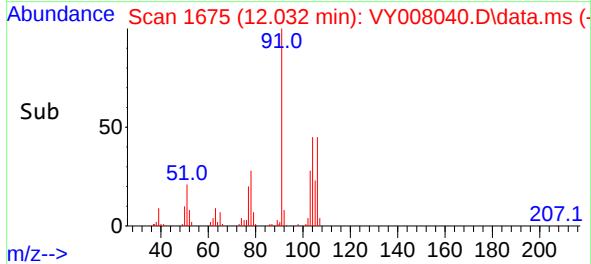
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



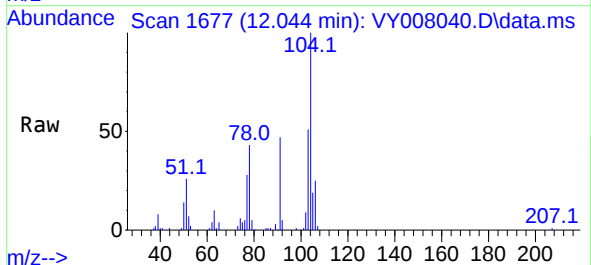
Tgt Ion:106 Resp: 14779
Ion Ratio Lower Upper
106 100
91 215.1 110.3 331.0

Manual Integrations
APPROVED

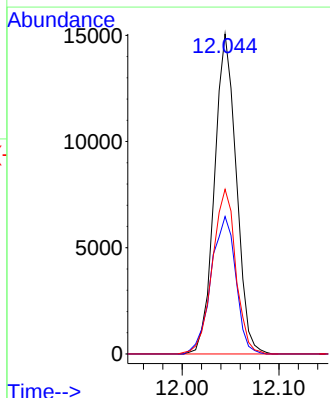
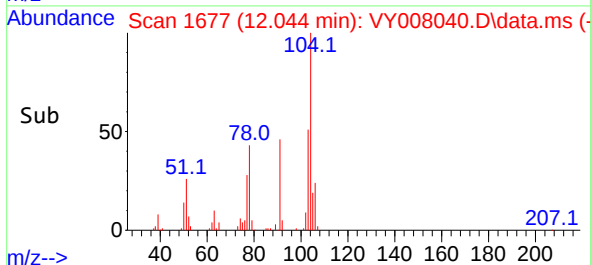
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

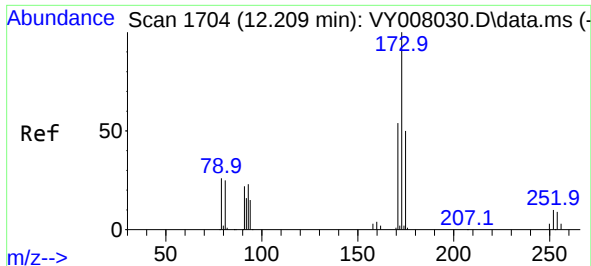


#70
Styrene
Concen: 3.730 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



Tgt Ion:104 Resp: 23627
Ion Ratio Lower Upper
104 100
78 48.4 42.4 63.6
103 55.2 44.4 66.6





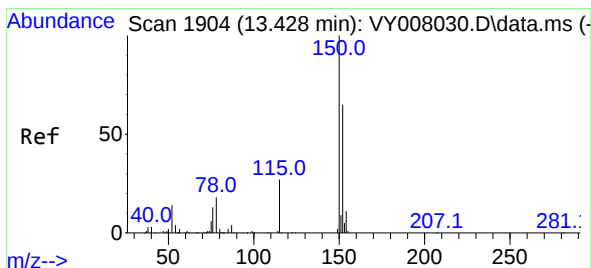
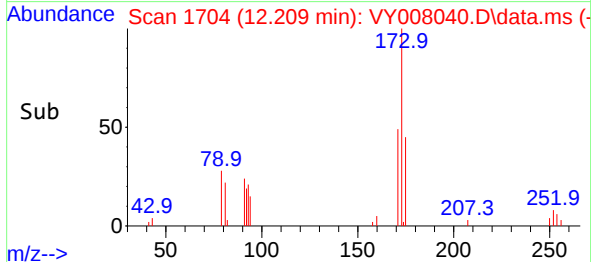
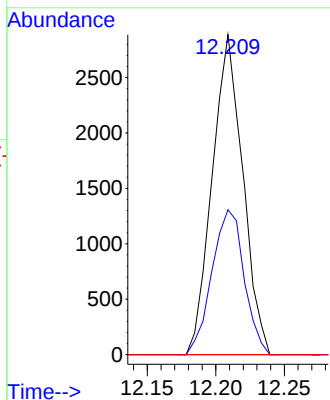
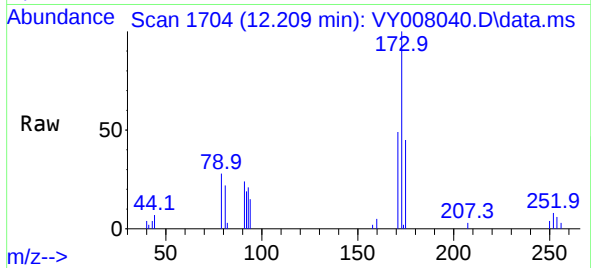
#71
Bromoform
Concen: 3.471 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

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

Tgt Ion:173 Resp: 448
Ion Ratio Lower Upper
173 100
175 47.6 24.6 74.0
254 0.0 0.0 0.0

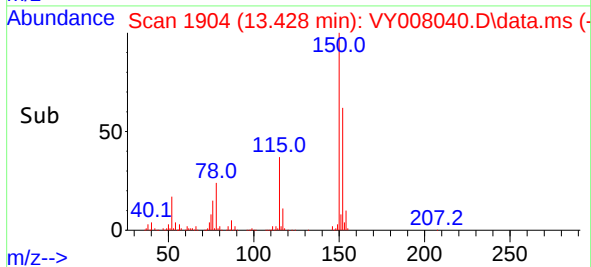
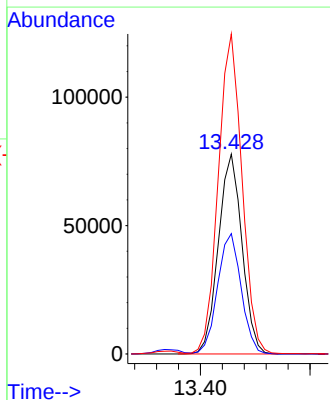
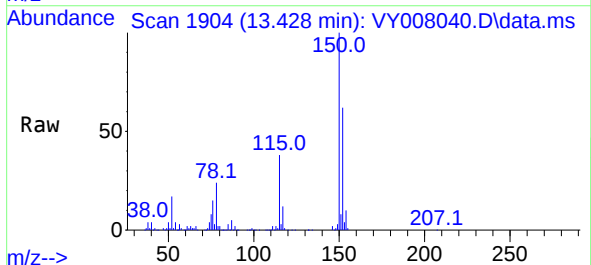
Manual Integrations
APPROVED

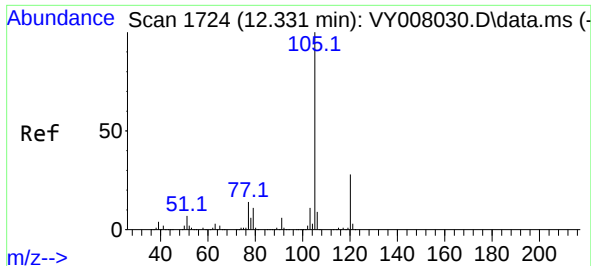
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

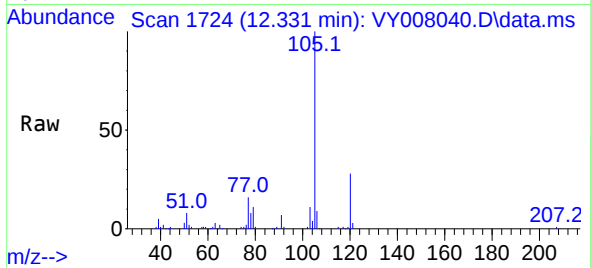
Tgt Ion:152 Resp: 116484
Ion Ratio Lower Upper
152 100
115 60.2 28.2 84.7
150 161.1 0.0 347.6





#73
Isopropylbenzene
Concen: 4.141 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

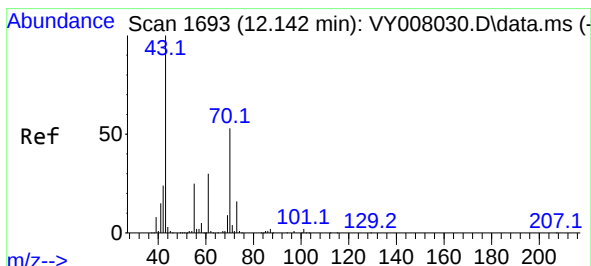
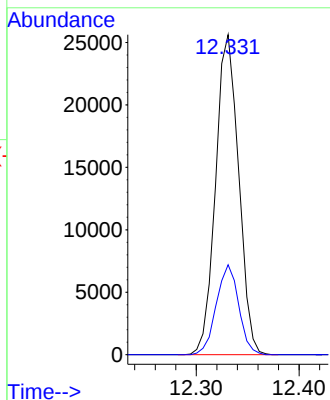
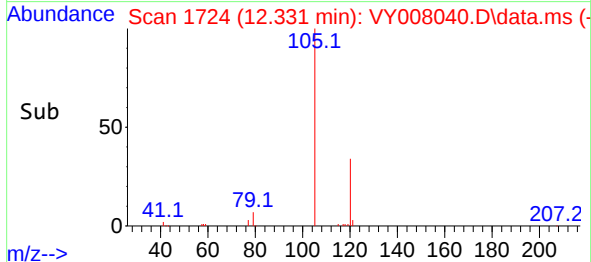
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



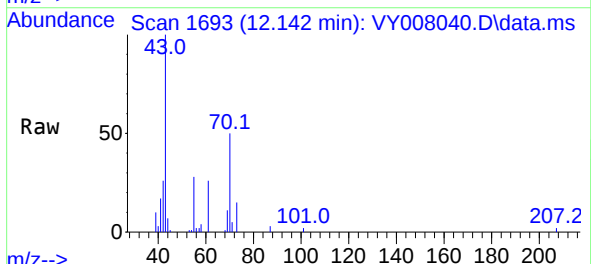
Tgt Ion:105 Resp: 39814
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

Manual Integrations
APPROVED

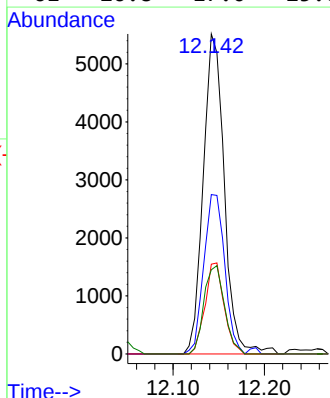
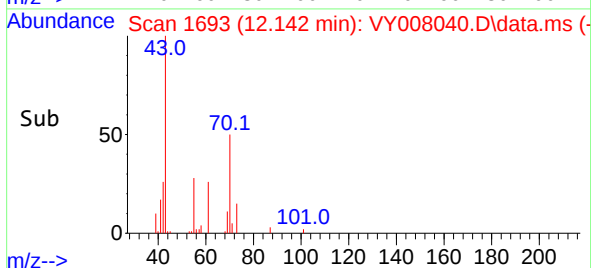
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

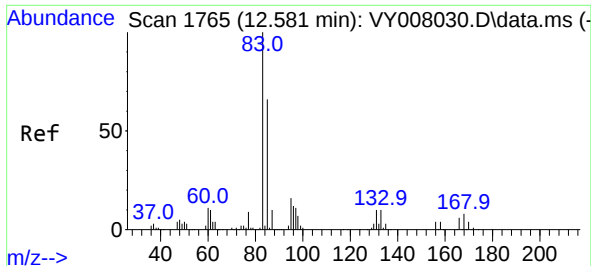


#74
N-ethyl acetate
Concen: 4.176 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



Tgt Ion: 43 Resp: 8827
Ion Ratio Lower Upper
43 100
70 49.3 28.7 43.1#
55 25.9 17.3 25.9
61 26.8 17.0 25.6#





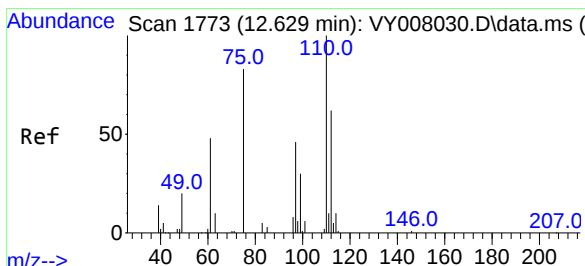
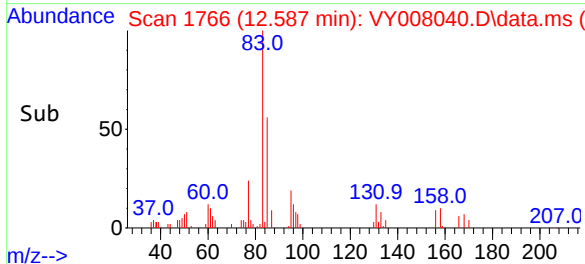
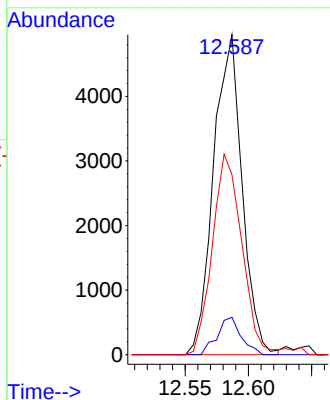
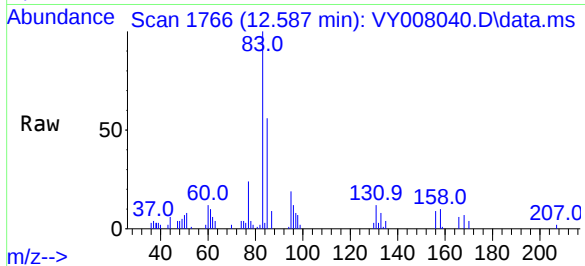
#75
1,1,2,2-Tetrachloroethane
Concen: 4.159 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

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

Tgt Ion: 83 Resp: 777
Ion Ratio Lower Upper
83 100
131 9.8 5.6 16.8
85 64.5 32.3 96.8

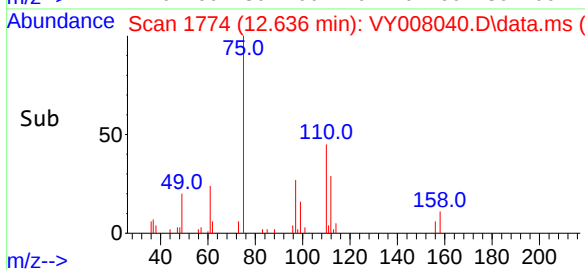
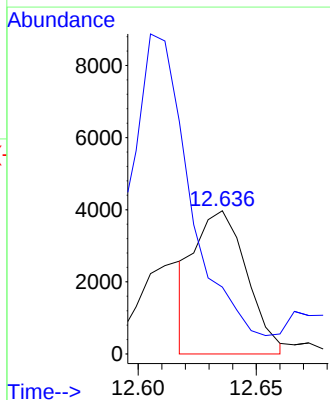
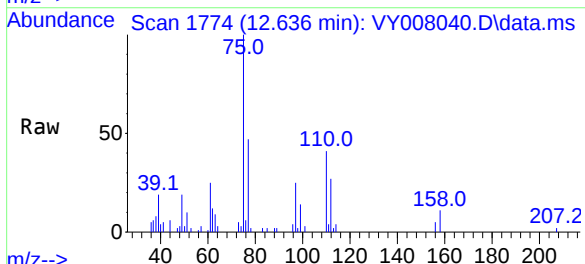
Manual Integrations
APPROVED

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



#76
1,2,3-Trichloropropane
Concen: 4.281 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

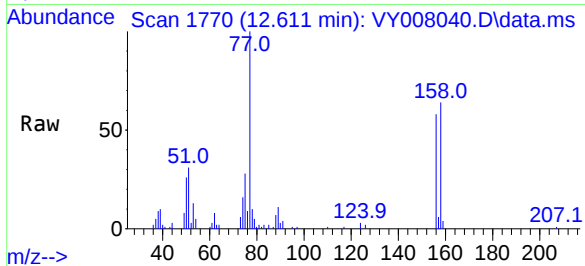
Tgt Ion: 75 Resp: 6079
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 3.881 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

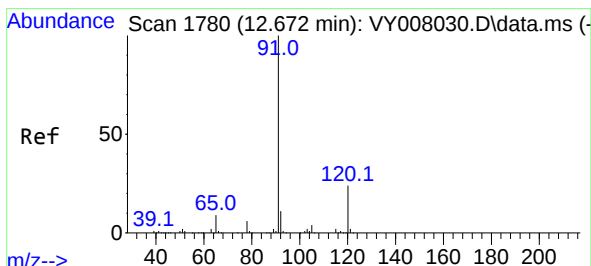
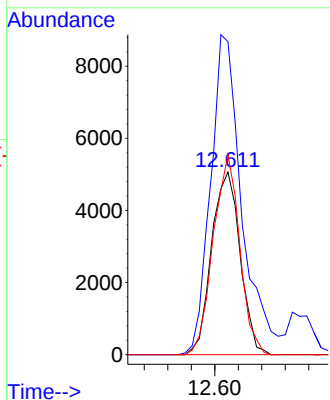
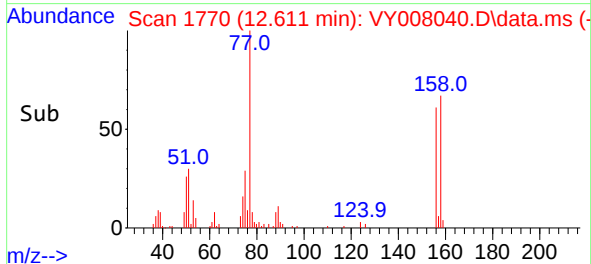
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



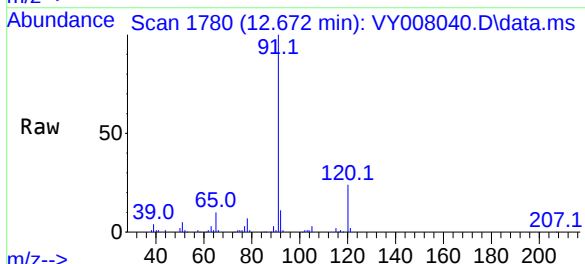
Tgt Ion: 156 Resp: 8560
Ion Ratio Lower Upper
156 100
77 191.0 95.5 286.4
158 101.5 48.0 144.0

Manual Integrations
APPROVED

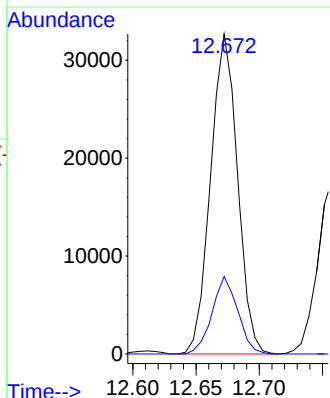
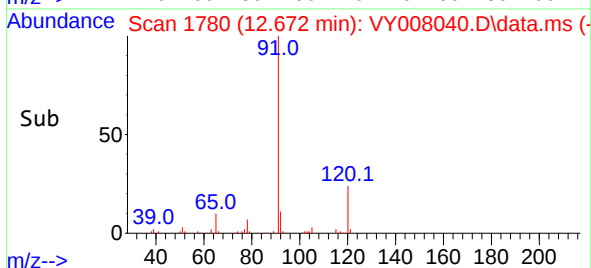
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

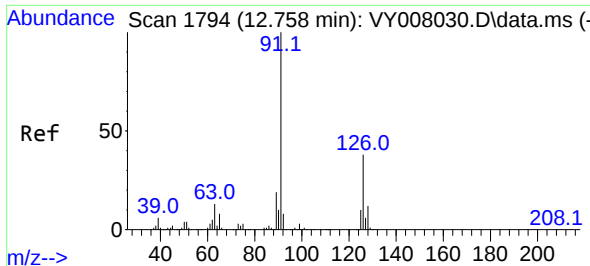


#78
n-propylbenzene
Concen: 4.262 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



Tgt Ion: 91 Resp: 48330
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9





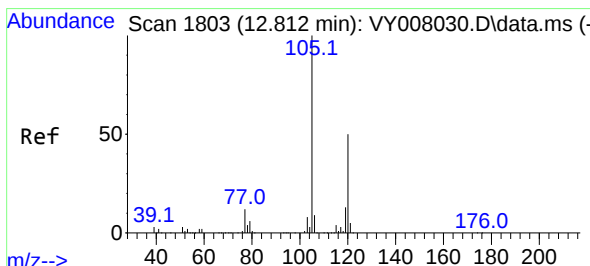
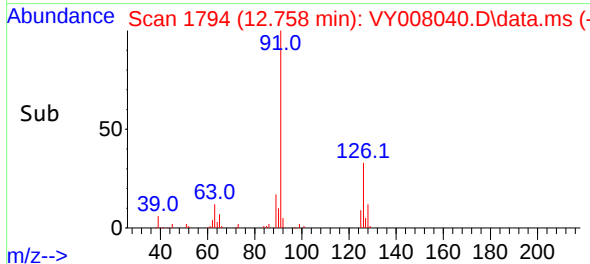
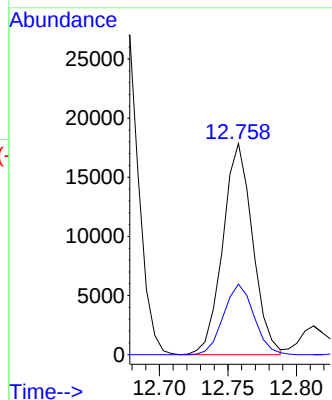
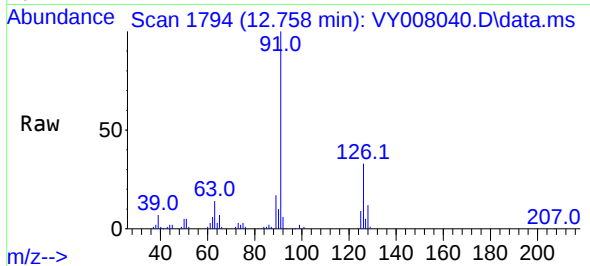
#79
2-Chlorotoluene
Concen: 4.301 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

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

Tgt Ion: 91 Resp: 27050
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.6

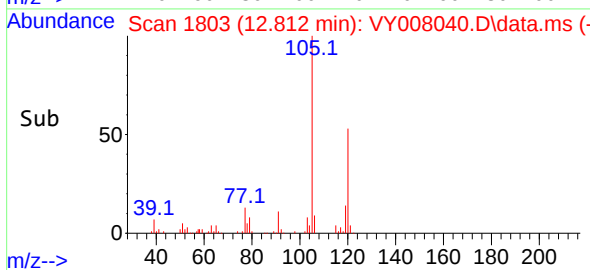
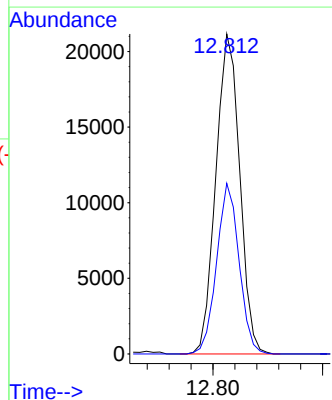
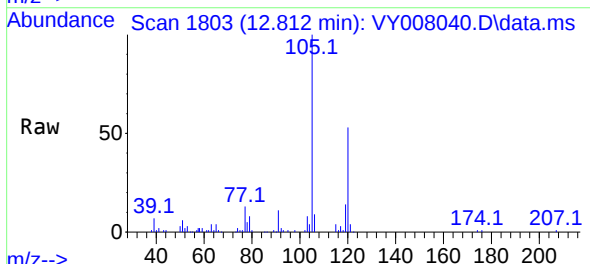
Manual Integrations
APPROVED

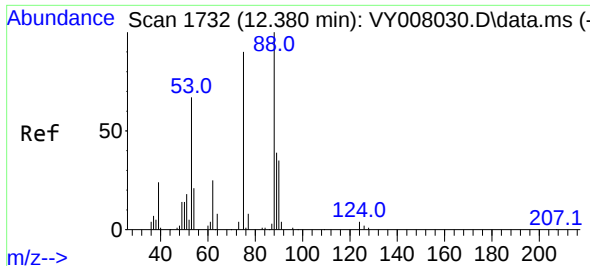
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.067 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

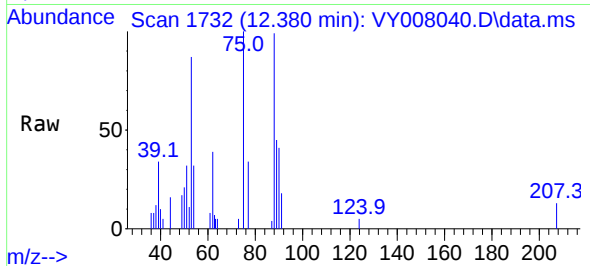
Tgt Ion:105 Resp: 32034
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.815 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

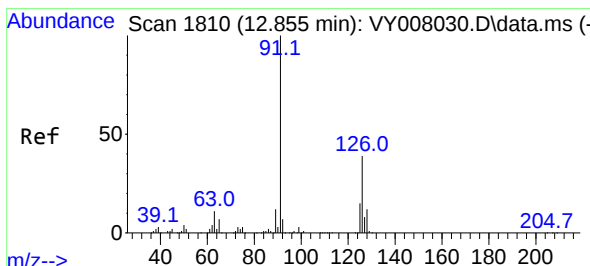
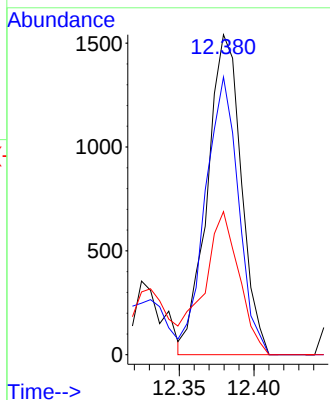
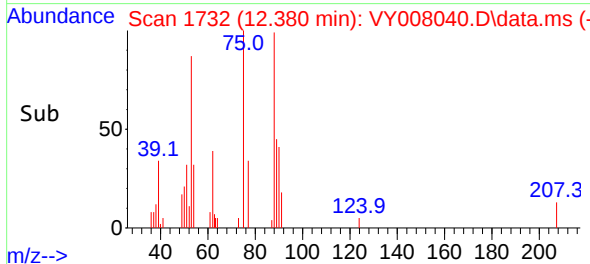
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 75 Resp: 2428
Ion Ratio Lower Upper
75 100
53 84.8 85.3 127.9
89 46.4 37.0 55.4

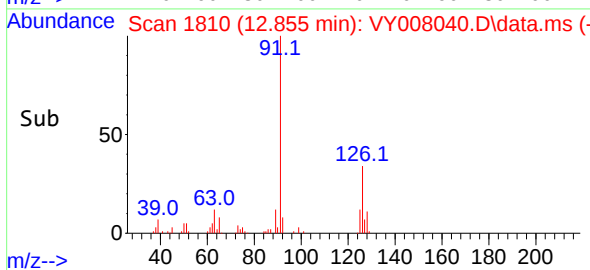
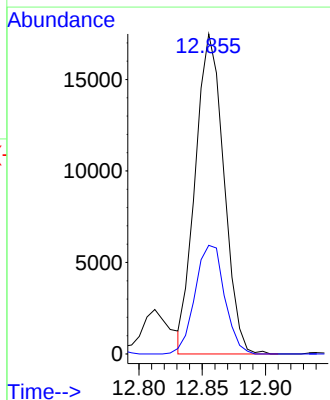
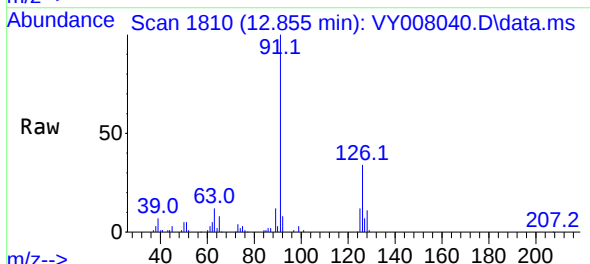
Manual Integrations
APPROVED

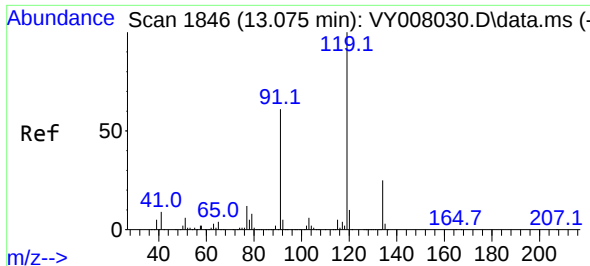
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#82
4-Chlorotoluene
Concen: 4.253 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

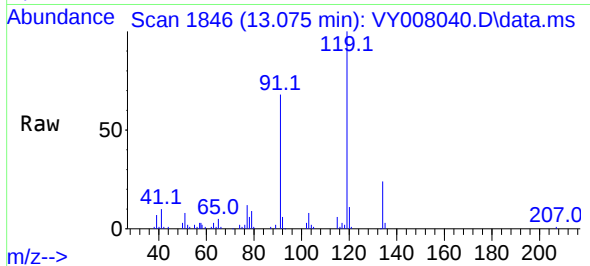
Tgt Ion: 91 Resp: 27457
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0





#83
tert-Butylbenzene
Concen: 4.080 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

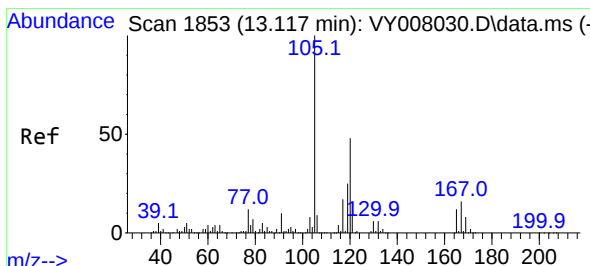
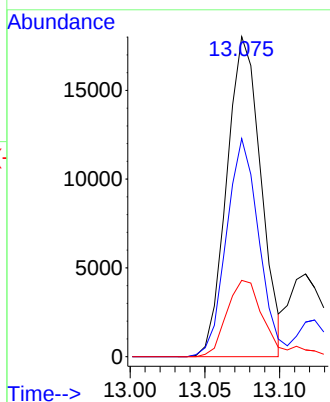
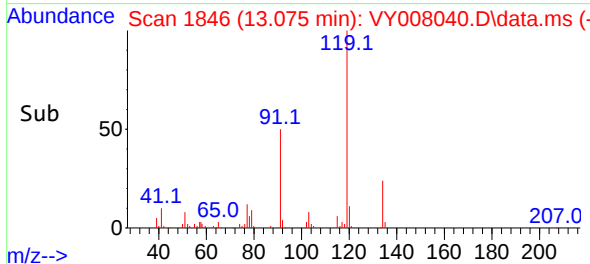
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:119 Resp: 28630
Ion Ratio Lower Upper
119 100
91 65.0 34.8 104.4
134 24.9 13.3 39.9

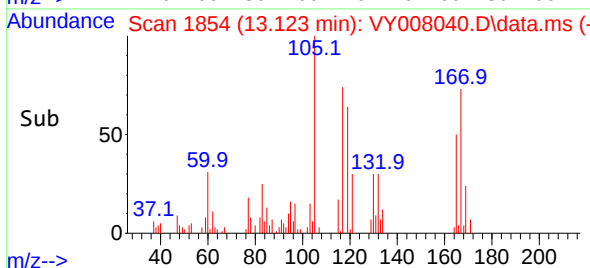
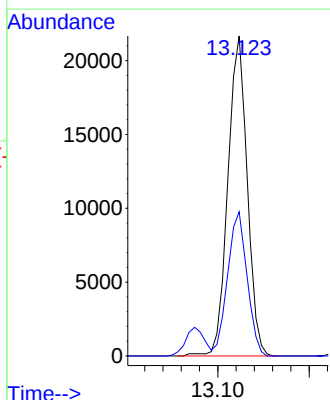
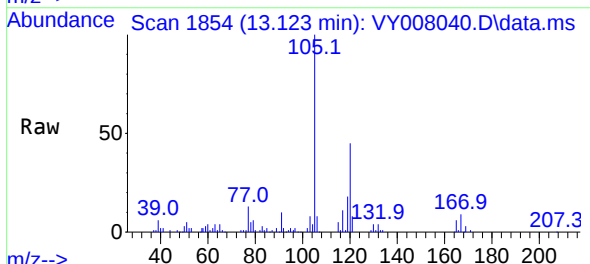
Manual Integrations
APPROVED

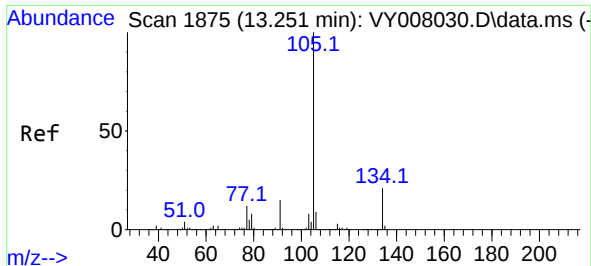
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 4.154 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

Tgt Ion:105 Resp: 31864
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.9





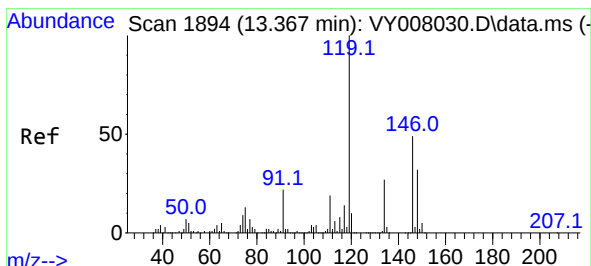
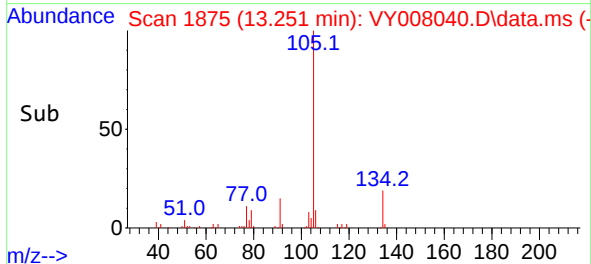
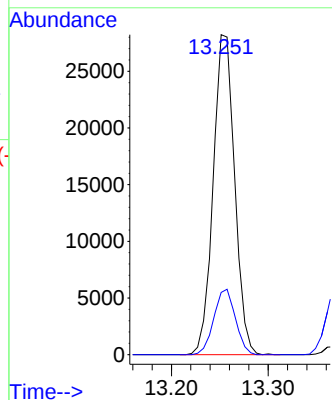
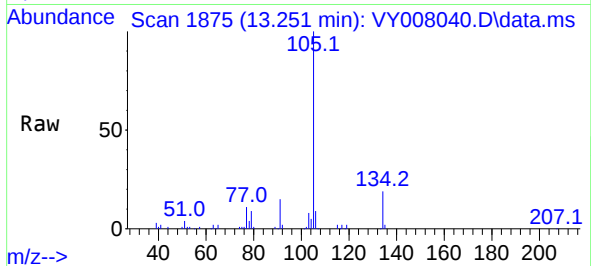
#85
 sec-Butylbenzene
 Concen: 4.194 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY008040.D
 Acq: 26 Mar 2022 12:55

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

Tgt Ion:105 Resp: 43439
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

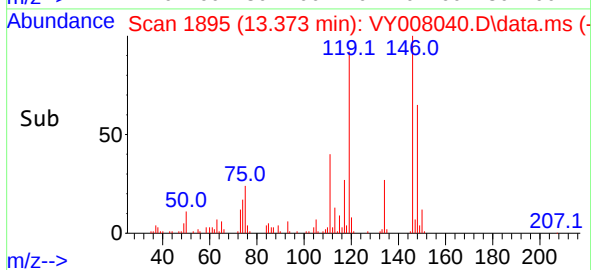
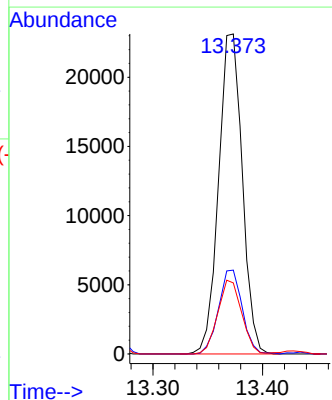
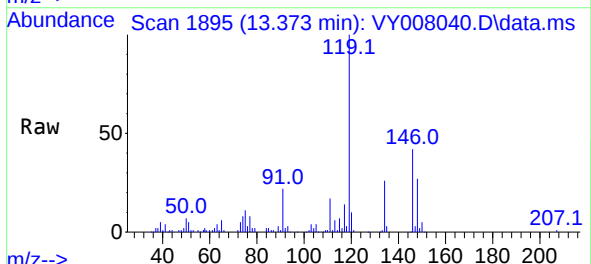
Manual Integrations
 APPROVED

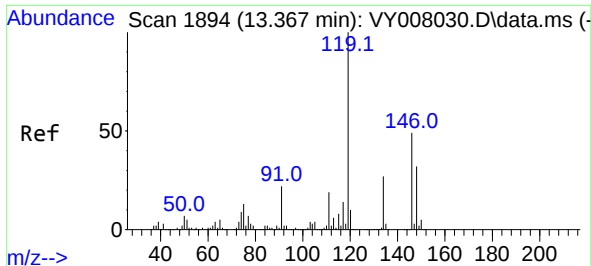
Reviewed By :John Carlone 03/28/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#86
 p-Isopropyltoluene
 Concen: 4.026 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008040.D
 Acq: 26 Mar 2022 12:55

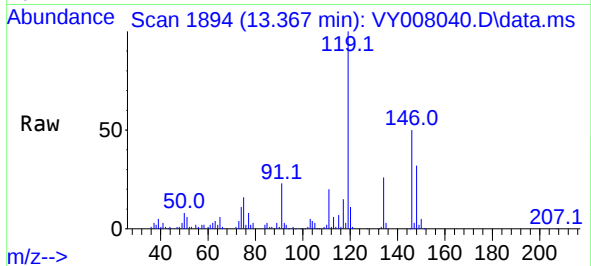
Tgt Ion:119 Resp: 34706
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 23.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 3.991 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

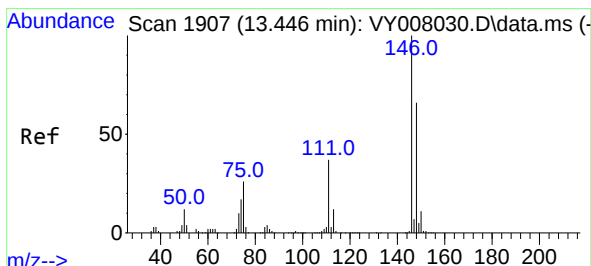
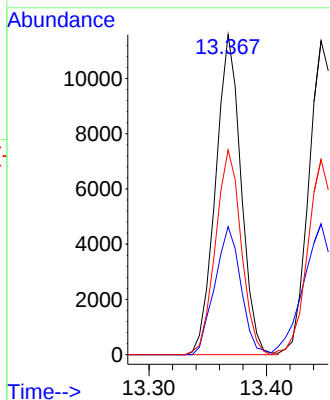
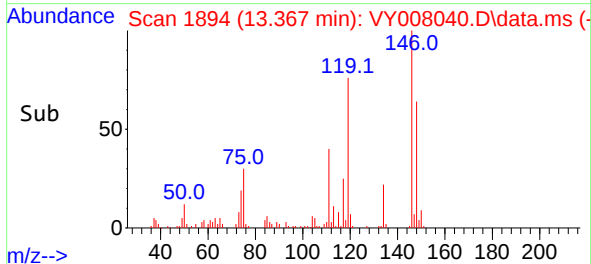
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



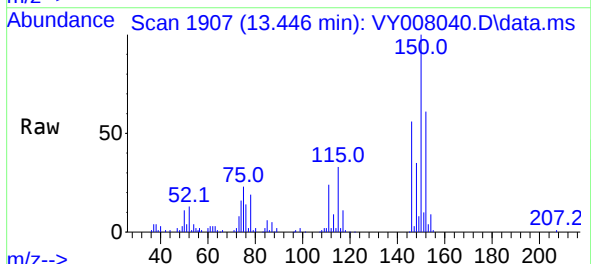
Tgt Ion:146 Resp: 17452
Ion Ratio Lower Upper
146 100
111 41.1 19.5 58.5
148 64.6 31.6 95.0

Manual Integrations
APPROVED

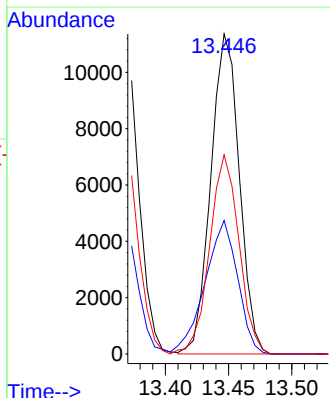
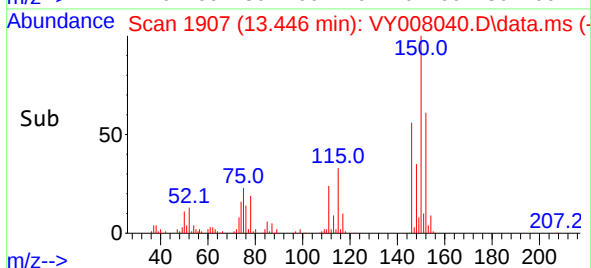
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

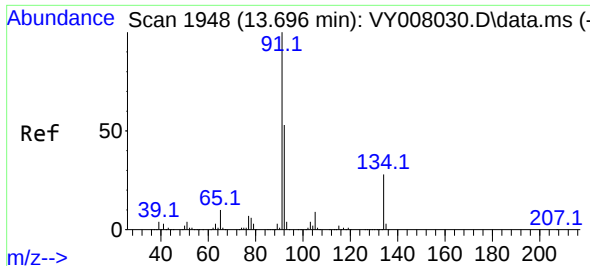


#88
1,4-Dichlorobenzene
Concen: 4.087 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



Tgt Ion:146 Resp: 17824
Ion Ratio Lower Upper
146 100
111 47.9 19.3 57.8
148 64.0 32.6 97.8





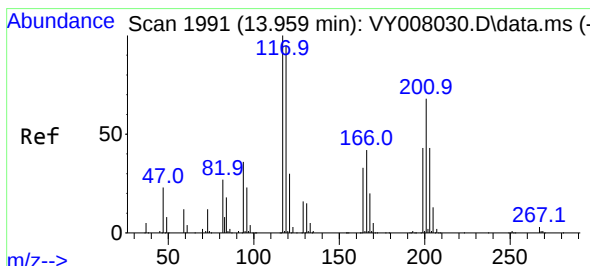
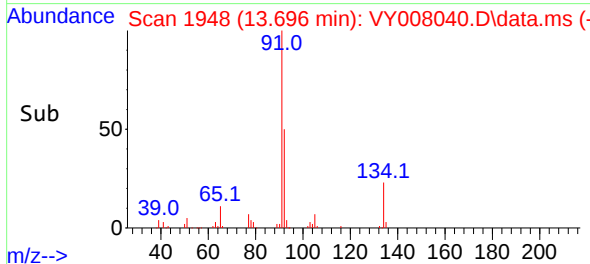
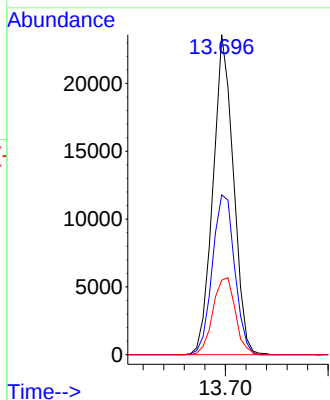
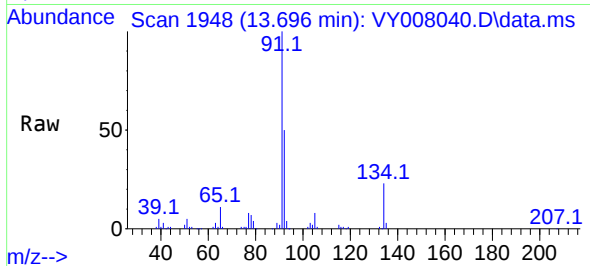
#89
n-Butylbenzene
Concen: 4.104 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

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

Tgt Ion: 91 Resp: 3254
Ion Ratio Lower Upper
91 100
92 54.6 26.3 78.9
134 26.4 13.0 38.9

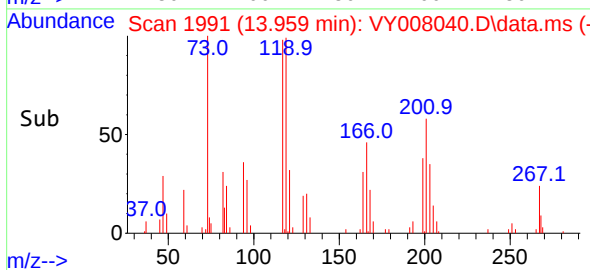
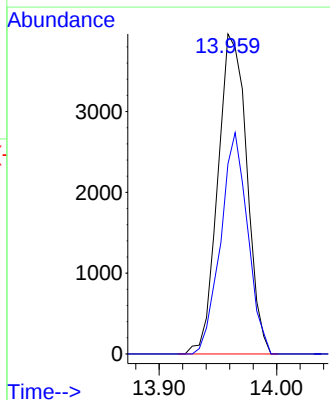
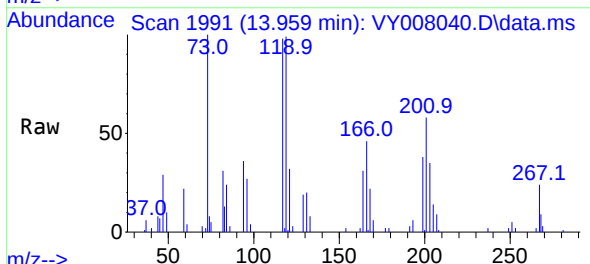
Manual Integrations
APPROVED

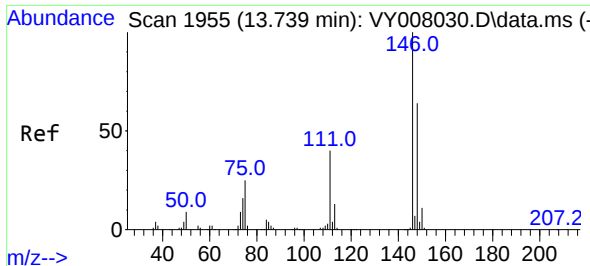
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#90
Hexachloroethane
Concen: 4.056 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

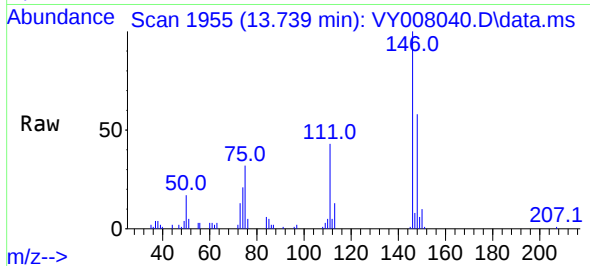
Tgt Ion:117 Resp: 6774
Ion Ratio Lower Upper
117 100
201 64.7 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 3.985 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

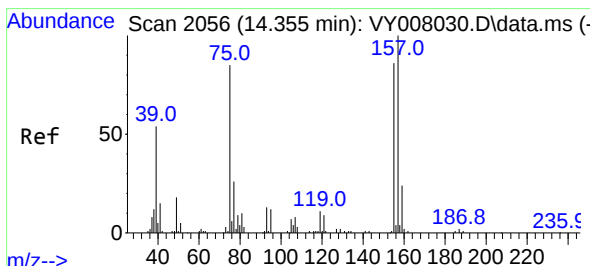
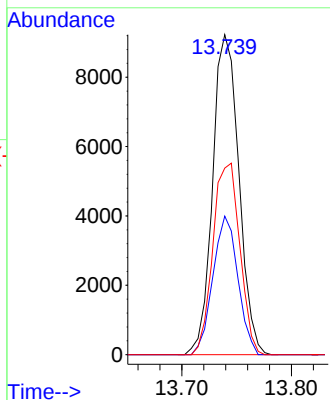
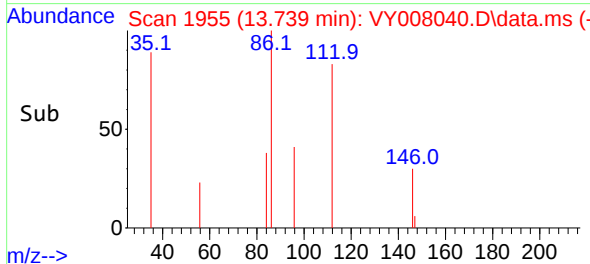
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



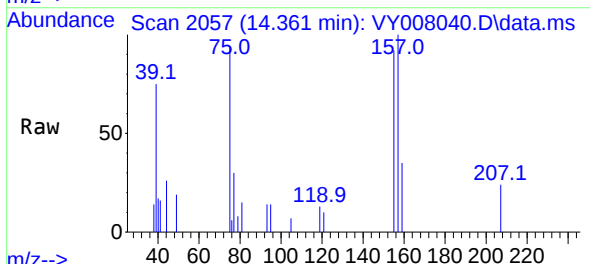
Tgt Ion:146 Resp: 15344
Ion Ratio Lower Upper
146 100
111 41.2 20.3 60.9
148 61.3 32.3 96.9

Manual Integrations
APPROVED

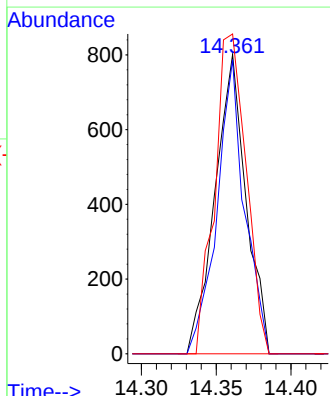
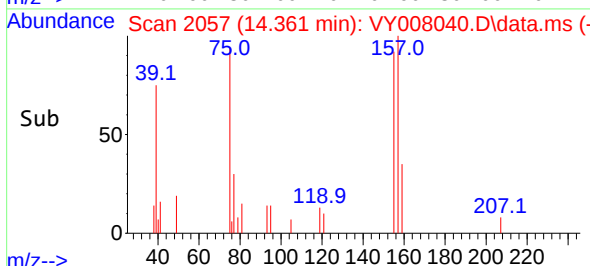
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

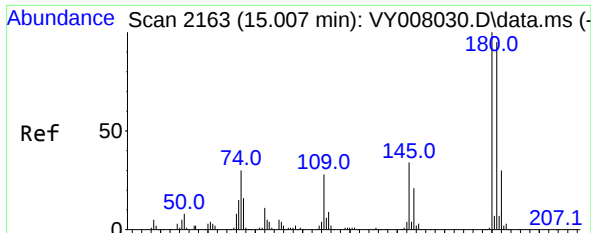


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.882 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



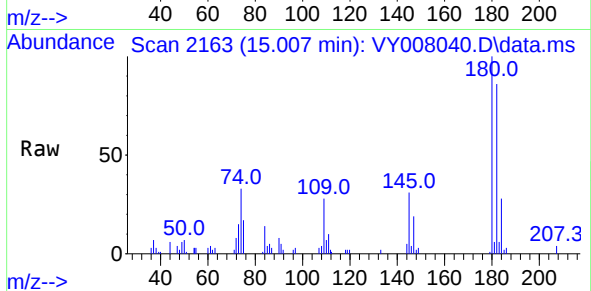
Tgt Ion: 75 Resp: 1158
Ion Ratio Lower Upper
75 100
155 87.7 38.0 113.9
157 108.4 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 3.870 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

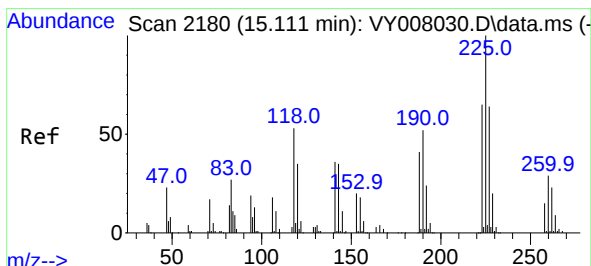
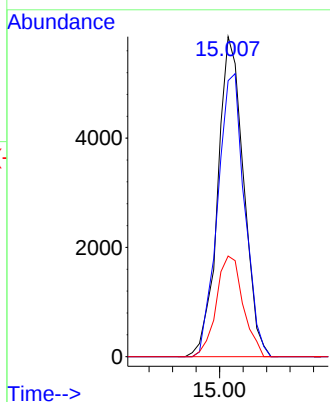
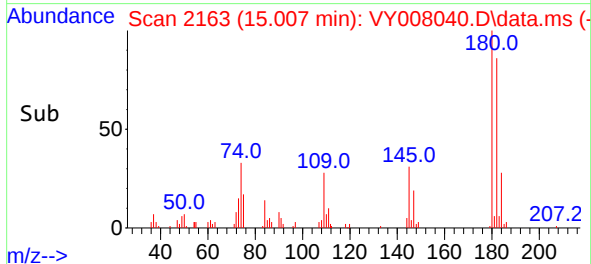
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



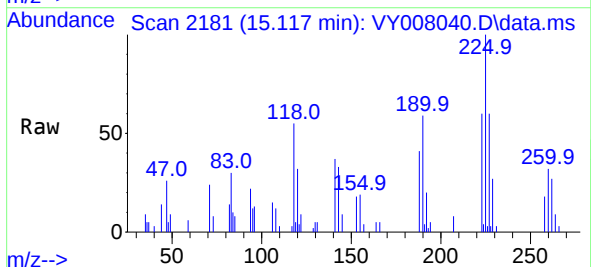
Tgt Ion:180 Resp: 8924
Ion Ratio Lower Upper
180 100
182 92.4 47.3 141.9
145 32.7 14.6 43.8

Manual Integrations
APPROVED

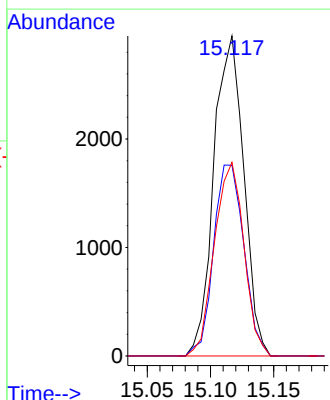
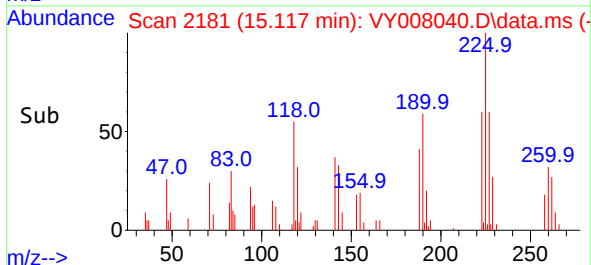
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#94
Hexachlorobutadiene
Concen: 3.975 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



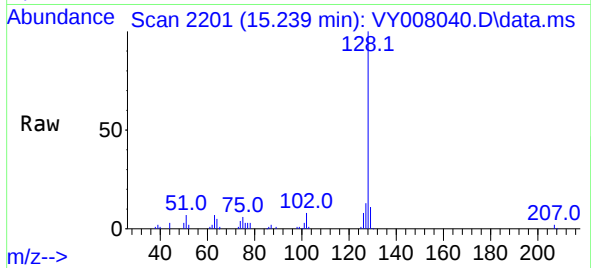
Tgt Ion:225 Resp: 4849
Ion Ratio Lower Upper
225 100
223 60.5 30.8 92.3
227 59.6 31.6 94.7





#95
Naphthalene
Concen: 3.830 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55

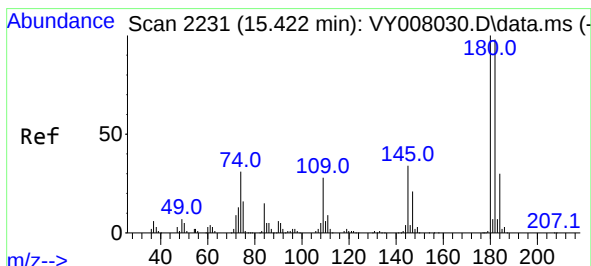
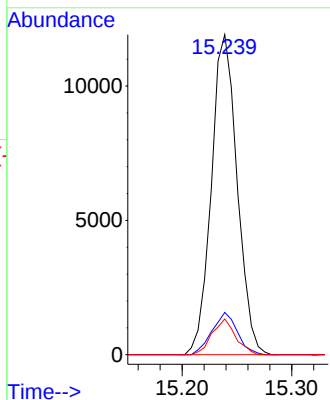
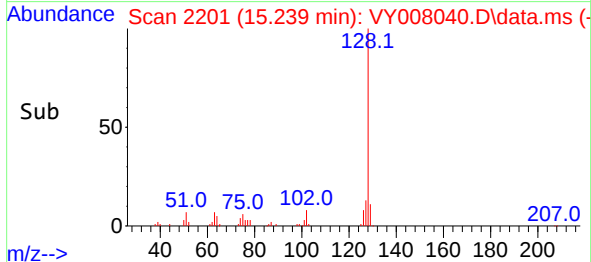
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



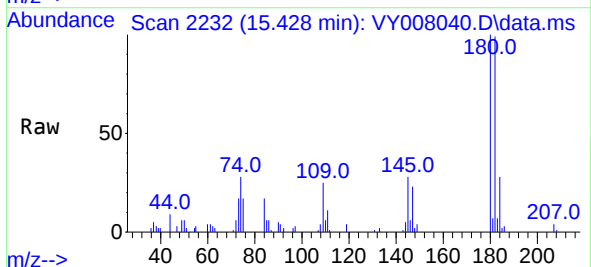
Tgt Ion:128 Resp: 1952
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 10.2 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 3.776 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008040.D
Acq: 26 Mar 2022 12:55



Tgt Ion:180 Resp: 7534
Ion Ratio Lower Upper
180 100
182 96.8 47.3 141.9
145 32.5 15.3 45.9

