

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010508.D
 Acq On : 15 Sep 2022 14:05
 Operator : KP/MD
 Sample : N3980-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Sep 16 04:55:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 16 04:54:10 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	209295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	299886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	150687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108200	51.330	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.660%	
35) Dibromofluoromethane	7.710	113	107226	45.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.160%	
50) Toluene-d8	10.179	98	383281	49.722	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.440%	
62) 4-Bromofluorobenzene	12.477	95	134738	38.090	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	6760	4.215	ug/l	99
3) Chloromethane	2.107	50	7051	2.999	ug/l	98
4) Vinyl Chloride	2.247	62	7901	2.724	ug/l	96
5) Bromomethane	2.644	94	6446	3.172	ug/l	92
6) Chloroethane	2.790	64	5431	2.799	ug/l	98
7) Trichlorofluoromethane	3.119	101	10167	2.767	ug/l #	84
8) Diethyl Ether	3.528	74	3418	2.872	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.893	101	6157	2.862	ug/l	93
10) Methyl Iodide	4.082	142	6511	2.446	ug/l	91
11) Tert butyl alcohol	4.930	59	6363	22.348	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	5409	2.680	ug/l	81
13) Acrolein	3.723	56	2007	9.980	ug/l	93
14) Allyl chloride	4.473	41	7896	2.717	ug/l #	94
15) Acrylonitrile	5.155	53	7603	13.197	ug/l	98
16) Acetone	3.942	43	8833	18.259	ug/l	92
17) Carbon Disulfide	4.186	76	13711	2.512	ug/l	98
18) Methyl Acetate	4.479	43	5764	3.873	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	14523	2.606	ug/l	93
20) Methylene Chloride	4.710	84	32934	11.155	ug/l #	79
21) trans-1,2-Dichloroethene	5.216	96	6107	2.665	ug/l	88
22) Diisopropyl ether	6.112	45	16616	2.561	ug/l #	92
23) Vinyl Acetate	6.058	43	42293	10.636	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	11003	2.801	ug/l #	96
25) 2-Butanone	6.984	43	12457	16.203	ug/l	93
26) 2,2-Dichloropropane	6.978	77	13728	3.662	ug/l	90
27) cis-1,2-Dichloroethene	6.984	96	7124	2.674	ug/l	91
28) Bromochloromethane	7.326	49	4014	3.187	ug/l #	85
29) Tetrahydrofuran	7.350	42	6403	13.345	ug/l #	83
30) Chloroform	7.509	83	11786	2.828	ug/l	97
31) Cyclohexane	7.783	56	12887	3.619	ug/l #	50
32) 1,1,1-Trichloroethane	7.698	97	10537	2.793	ug/l	97
36) 1,1-Dichloropropene	7.917	75	8757	2.689	ug/l	97
37) Ethyl Acetate	7.076	43	4146	2.422	ug/l #	87
38) Carbon Tetrachloride	7.899	117	9708	2.680	ug/l	99
39) Methylcyclohexane	9.179	83	10002	2.464	ug/l	87
40) Benzene	8.155	78	25618	2.733	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	2179	2.227	ug/l #	44
42) 1,2-Dichloroethane	8.234	62	7614	2.732	ug/l	94
43) Isopropyl Acetate	8.271	43	7392	2.360	ug/l #	95
44) Trichloroethene	8.935	130	7066	2.561	ug/l	84
45) 1,2-Dichloropropane	9.216	63	6046	2.645	ug/l #	83
46) Dibromomethane	9.301	93	3843	2.788	ug/l	93
47) Bromodichloromethane	9.496	83	8525	2.603	ug/l	94
48) Methyl methacrylate	9.289	41	3352	2.383	ug/l #	84
49) 1,4-Dioxane	9.295	88	979	53.647	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	20590	11.983	ug/l	92
52) Toluene	10.240	92	16820	2.742	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	8217	2.438	ug/l	93
54) cis-1,3-Dichloropropene	9.929	75	9610	2.528	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	5126	2.614	ug/l	92
56) Ethyl methacrylate	10.508	69	5572	2.164	ug/l	88
57) 1,3-Dichloropropane	10.788	76	8480	2.601	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	15286	17.448	ug/l	92
59) 2-Hexanone	10.831	43	12876	10.993	ug/l	88
60) Dibromochloromethane	10.977	129	5856	2.444	ug/l	95
61) 1,2-Dibromoethane	11.087	107	5061	2.659	ug/l	96
64) Tetrachloroethene	10.715	164	7362	2.724	ug/l	94
65) Chlorobenzene	11.514	112	17295	2.579	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	6436	2.591	ug/l	96
67) Ethyl Benzene	11.587	91	29557	2.490	ug/l	99
68) m/p-Xylenes	11.703	106	22664	4.864	ug/l	94
69) o-Xylene	12.026	106	10729	2.411	ug/l	95
70) Styrene	12.044	104	16860	2.239	ug/l	96
71) Bromoform	12.209	173	3842	2.474	ug/l #	93
73) Isopropylbenzene	12.325	105	28410	2.416	ug/l	99
74) N-amyl acetate	12.142	43	5793	2.112	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	5976	2.717	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	4451m	2.676	ug/l	
77) Bromobenzene	12.605	156	7134	2.561	ug/l	93
78) n-propylbenzene	12.666	91	33850	2.431	ug/l	97
79) 2-Chlorotoluene	12.752	91	20169	2.579	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	26212	2.642	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	1721m	2.298	ug/l	
82) 4-Chlorotoluene	12.855	91	20488	2.518	ug/l	98
83) tert-Butylbenzene	13.075	119	20794	2.398	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	24705	2.545	ug/l	98
85) sec-Butylbenzene	13.251	105	31207	2.431	ug/l	97
86) p-Isopropyltoluene	13.367	119	25455	2.344	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	13861	2.478	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	14494	2.616	ug/l	89
89) n-Butylbenzene	13.696	91	23908	2.425	ug/l	100
90) Hexachloroethane	13.959	117	5185	2.543	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	12619	2.547	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	1058	2.850	ug/l	98
93) 1,2,4-Trichlorobenzene	15.001	180	6869	2.232	ug/l	93
94) Hexachlorobutadiene	15.111	225	4769	2.568	ug/l	99
95) Naphthalene	15.233	128	13664	2.251	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	6005	2.235	ug/l	97

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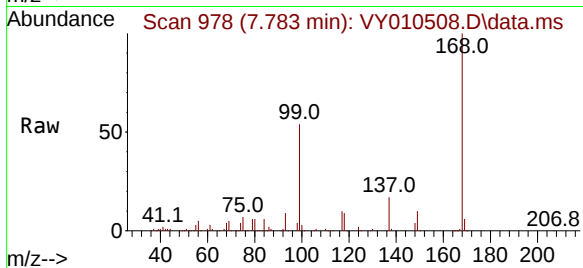
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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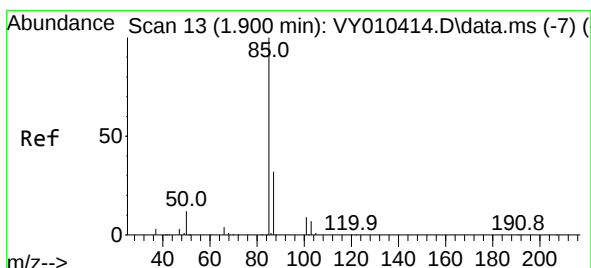
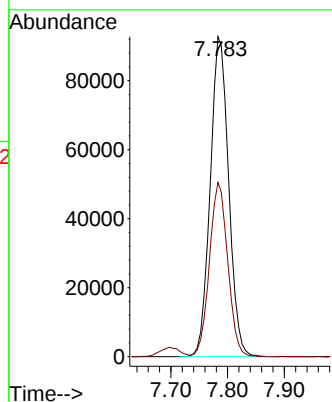
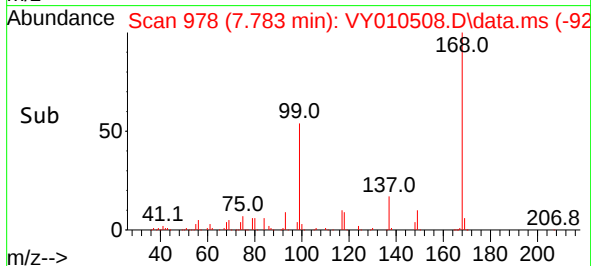
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:168 Resp: 20929
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3

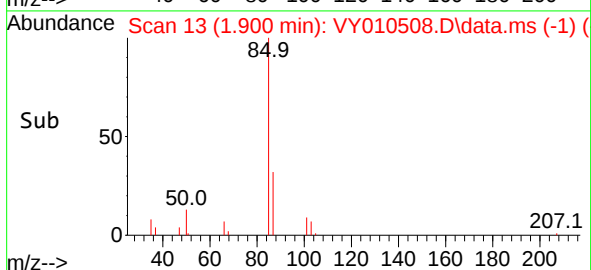
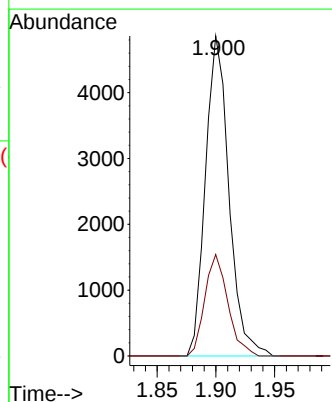
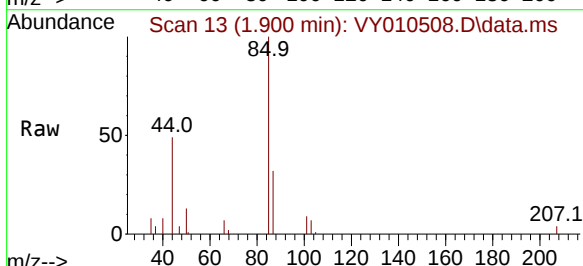
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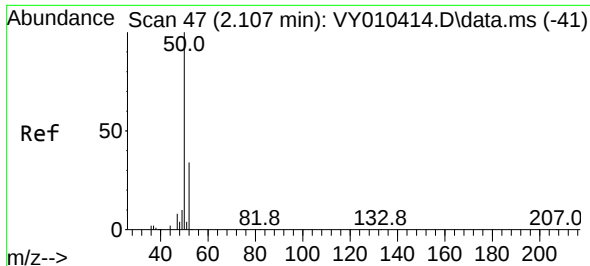
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#2
Dichlorodifluoromethane
Concen: 4.215 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

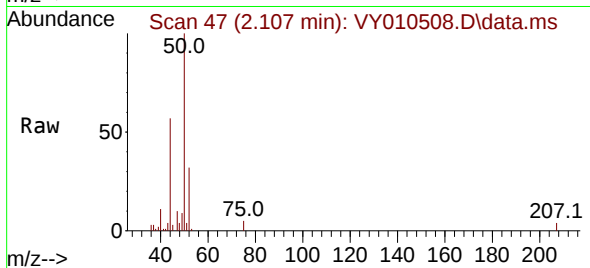
Tgt Ion: 85 Resp: 6760
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2





#3
Chloromethane
Concen: 2.999 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

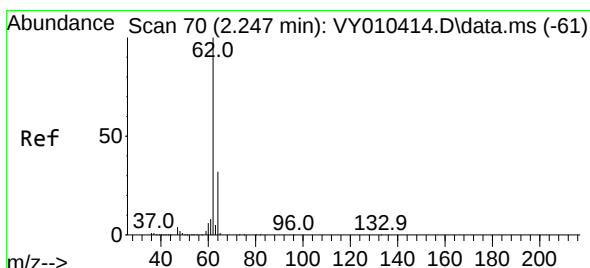
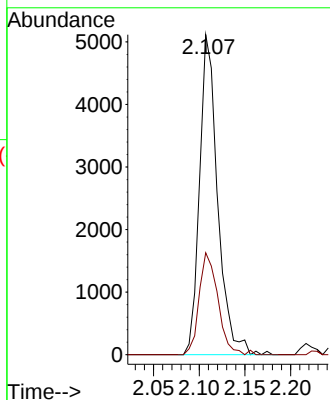
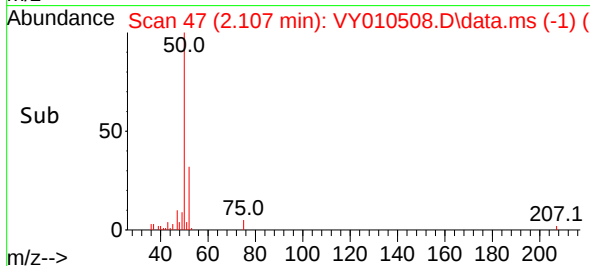
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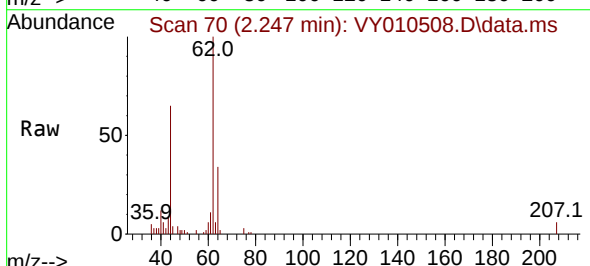
Tgt Ion: 50 Resp: 705
Ion Ratio Lower Upper
50 100
52 31.9 24.6 37.0

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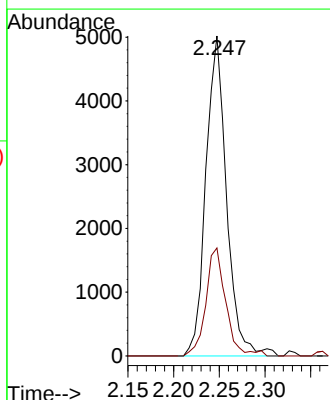
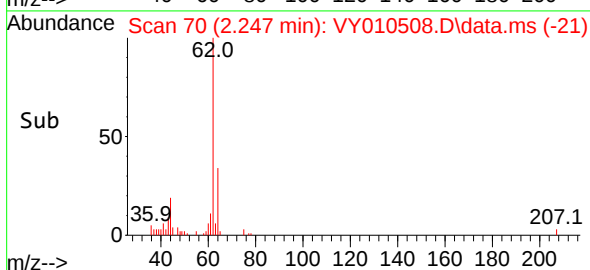
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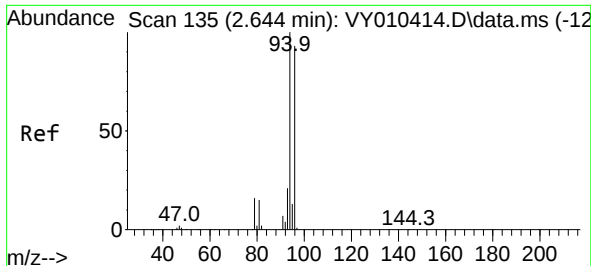


#4
Vinyl Chloride
Concen: 2.724 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010508.D
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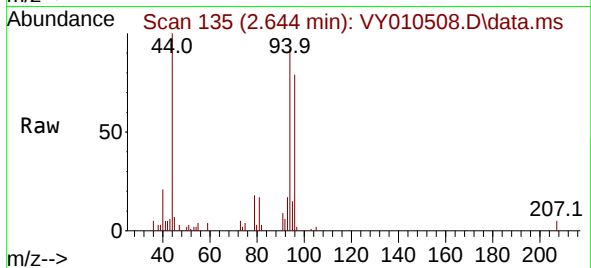
Tgt Ion: 62 Resp: 7901
Ion Ratio Lower Upper
62 100
64 33.8 25.0 37.6





#5
Bromomethane
Concen: 3.172 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010508.D
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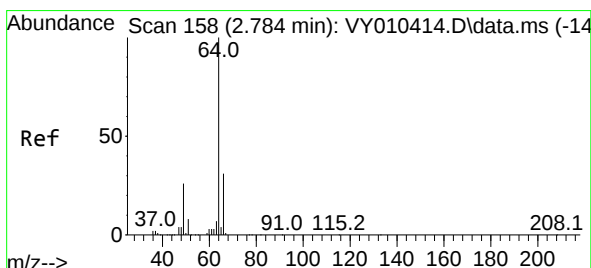
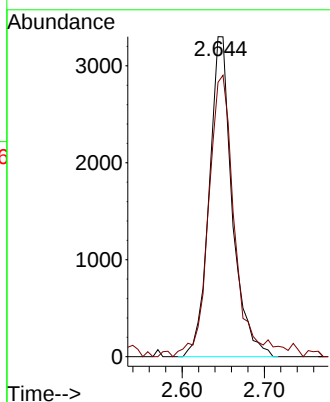
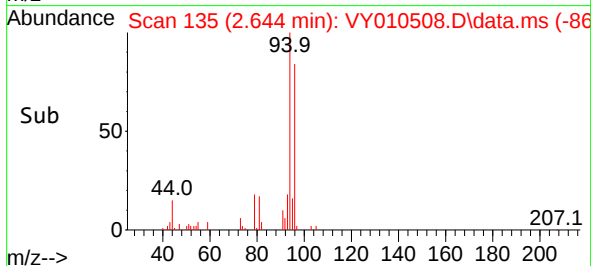
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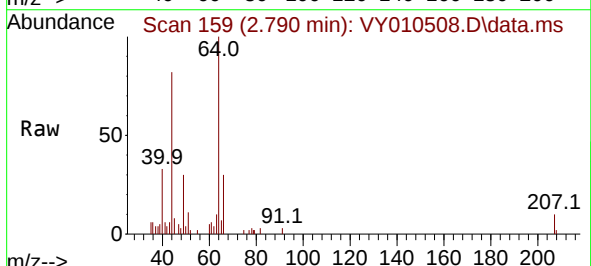
Tgt Ion: 94 Resp: 6440
Ion Ratio Lower Upper
94 100
96 84.1 73.5 110.3

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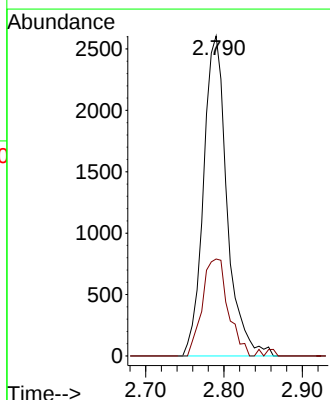
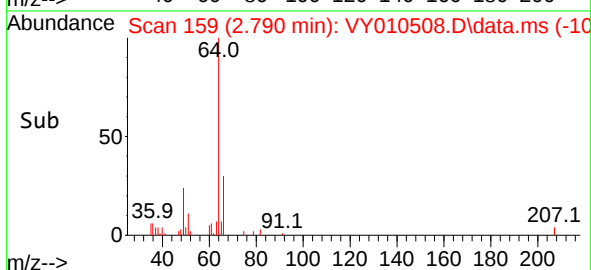
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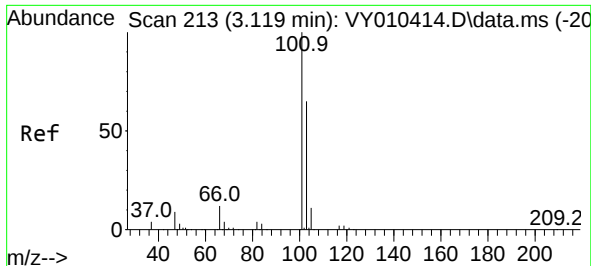


#6
Chloroethane
Concen: 2.799 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY010508.D
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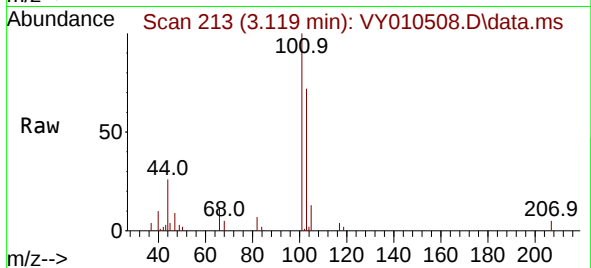
Tgt Ion: 64 Resp: 5431
Ion Ratio Lower Upper
64 100
66 30.3 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 2.767 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY010508.D
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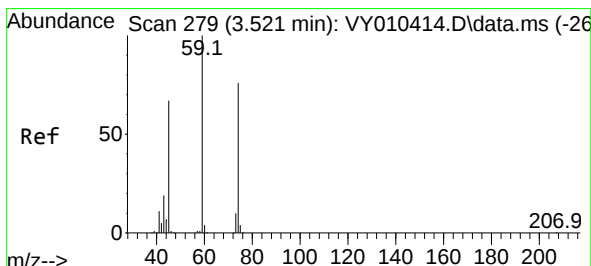
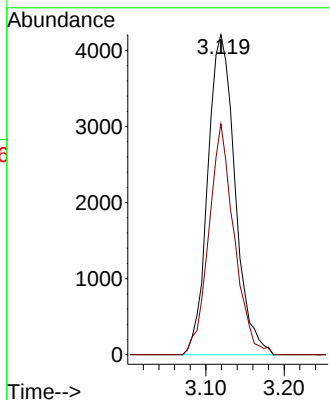
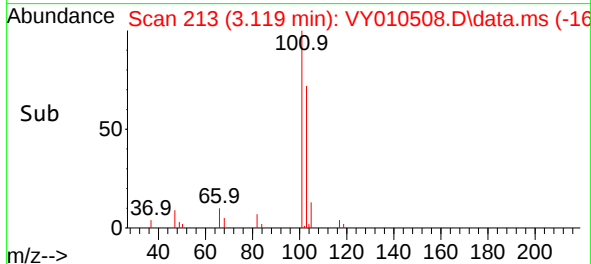
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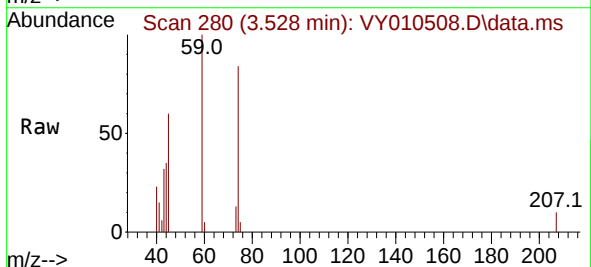
Tgt Ion: 101 Resp: 1016
 Ion Ratio Lower Upper
 101 100
 103 72.1 48.0 72.0

Manual Integrations
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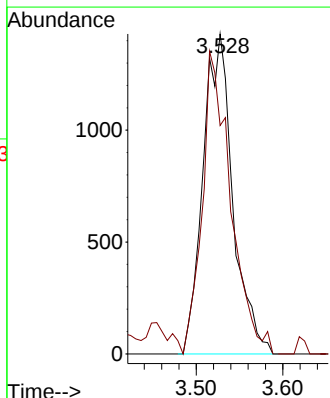
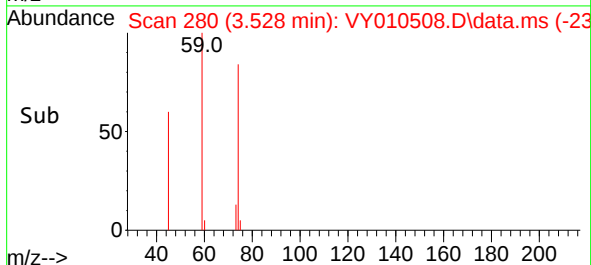
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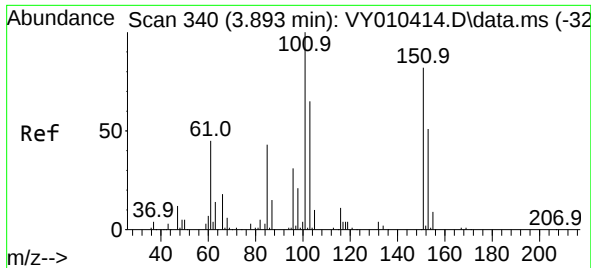


#8
 Diethyl Ether
 Concen: 2.872 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 3418
 Ion Ratio Lower Upper
 74 100
 45 90.6 55.1 165.5





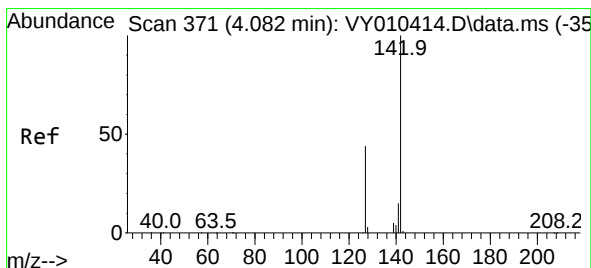
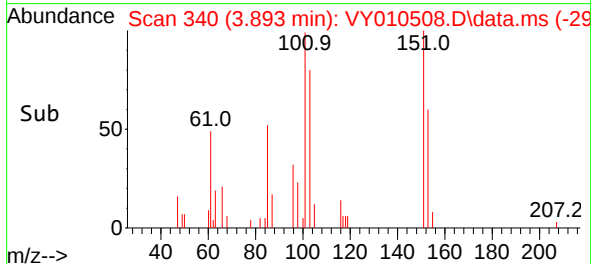
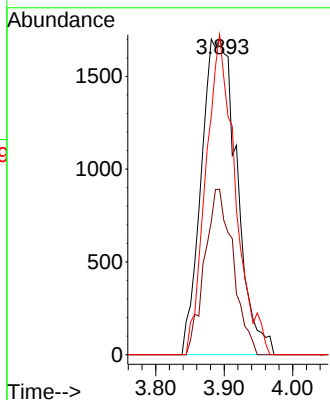
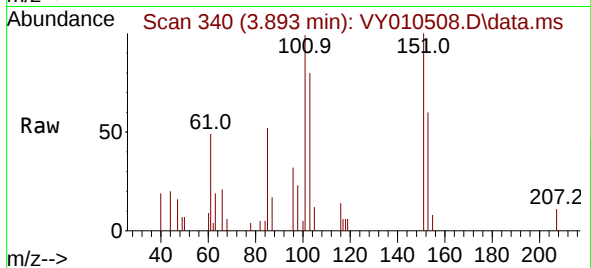
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.862 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:101 Resp: 615
Ion Ratio Lower Upper
101 100
85 41.8 40.6 60.8
151 83.6 64.9 97.3

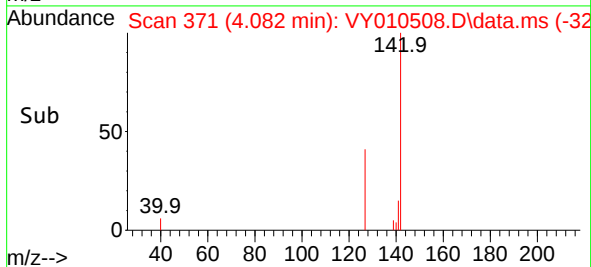
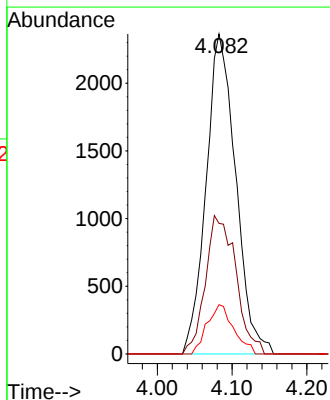
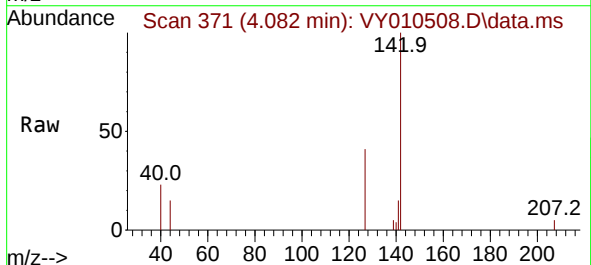
Manual Integrations
APPROVED

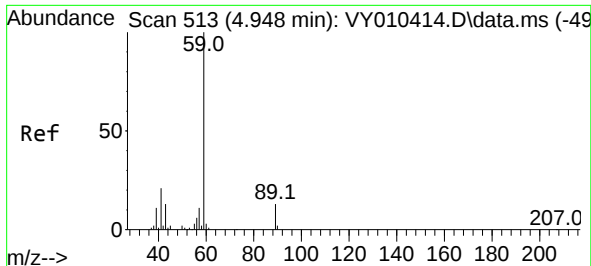
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 2.446 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

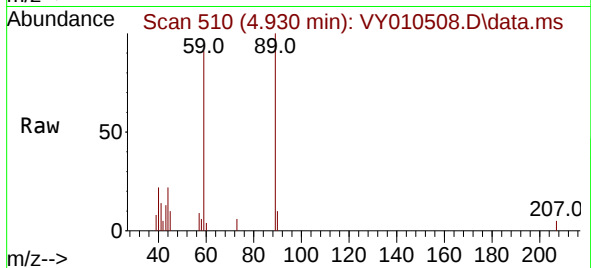
Tgt Ion:142 Resp: 6511
Ion Ratio Lower Upper
142 100
127 44.4 41.5 62.3
141 13.8 11.9 17.9





#11
Tert butyl alcohol
Concen: 22.348 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

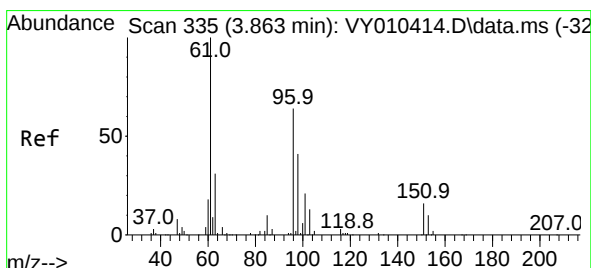
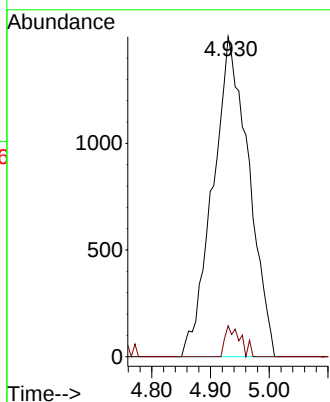
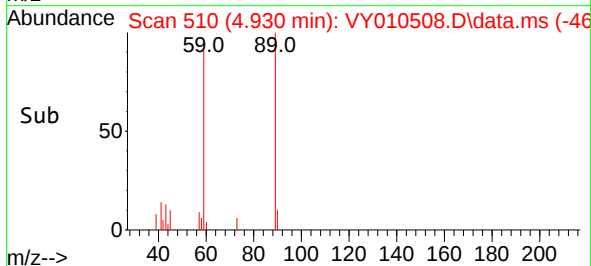
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



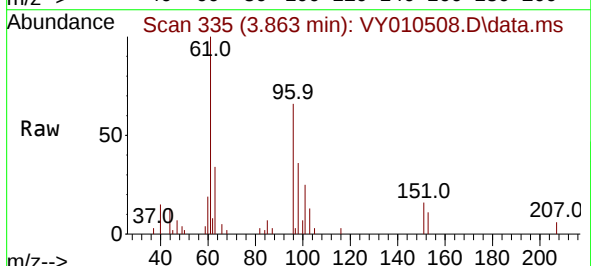
Tgt Ion: 59 Resp: 636
Ion Ratio Lower Upper
59 100
57 4.1 6.4 9.6

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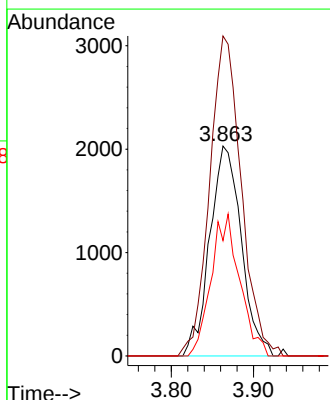
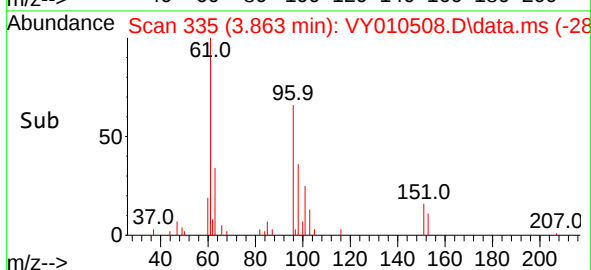
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

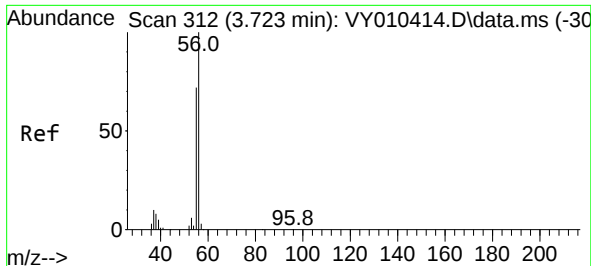


#12
1,1-Dichloroethene
Concen: 2.680 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05



Tgt Ion: 96 Resp: 5409
Ion Ratio Lower Upper
96 100
61 152.5 145.8 218.6
98 55.0 52.5 78.7





#13

Acrolein

Concen: 9.980 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 56 Resp: 200

Ion Ratio Lower Upper

56 100

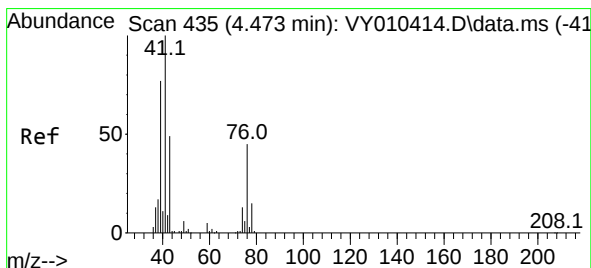
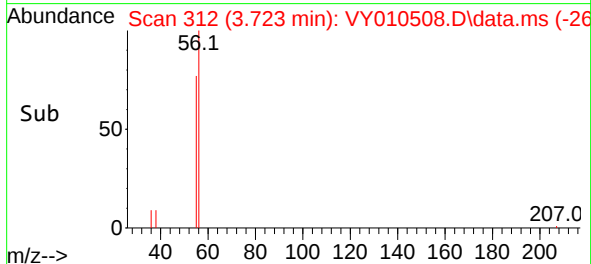
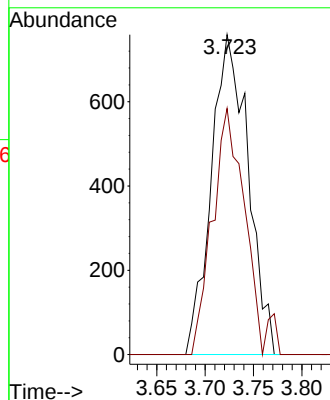
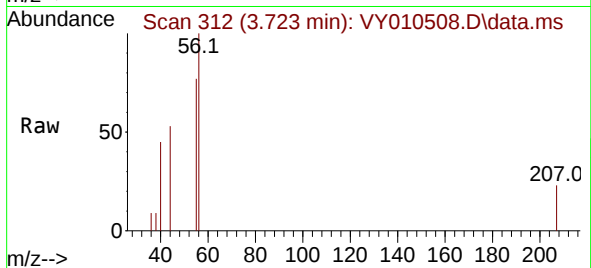
55 65.9 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#14

Allyl chloride

Concen: 2.717 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

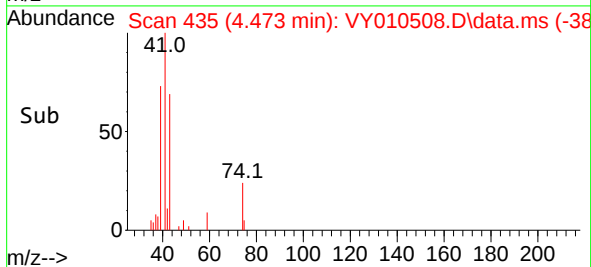
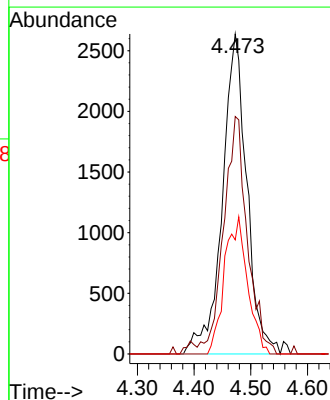
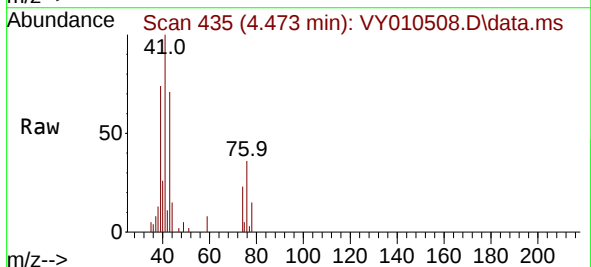
Tgt Ion: 41 Resp: 7896

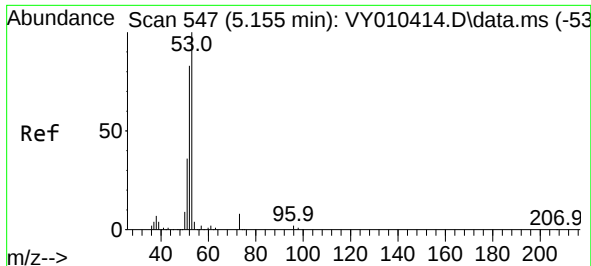
Ion Ratio Lower Upper

41 100

39 71.7 58.8 88.2

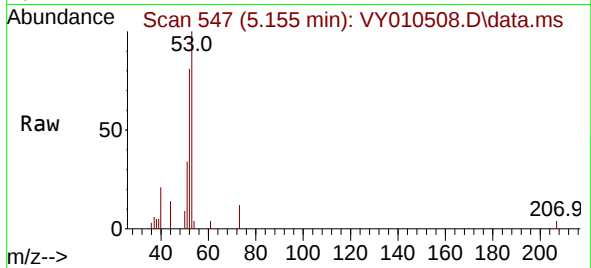
76 40.3 25.1 37.7#





#15
Acrylonitrile
Concen: 13.197 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

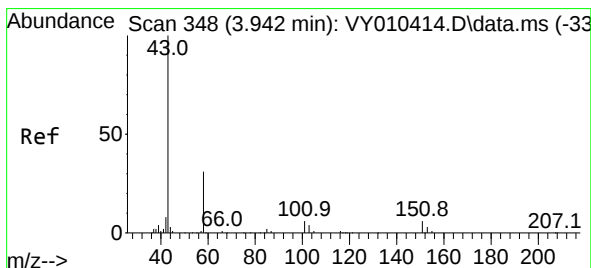
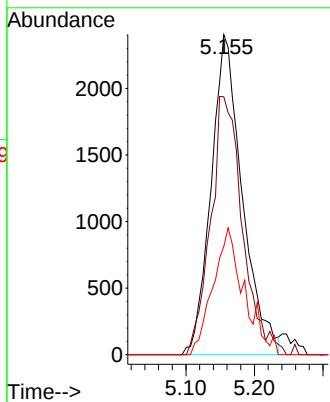
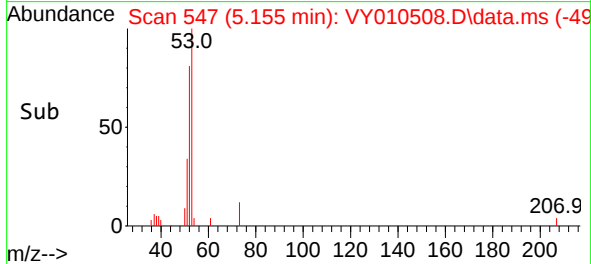
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 53 Resp: 760
Ion Ratio Lower Upper
53 100
52 82.1 67.0 100.4
51 39.5 29.8 44.6

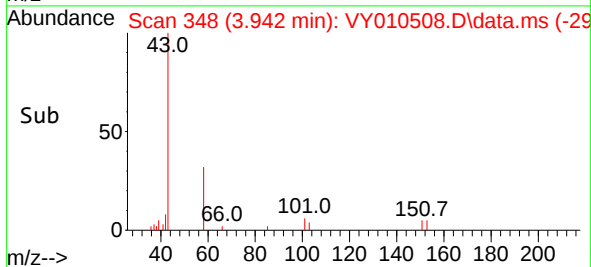
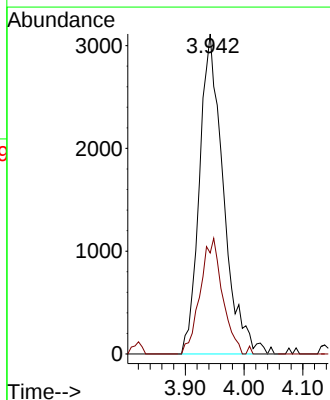
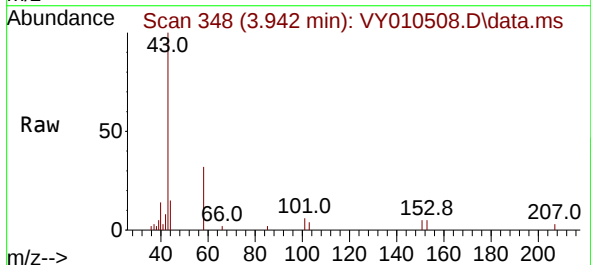
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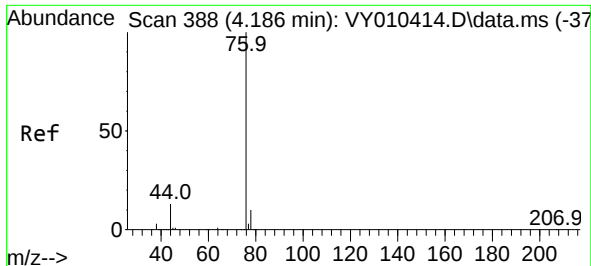
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#16
Acetone
Concen: 18.259 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

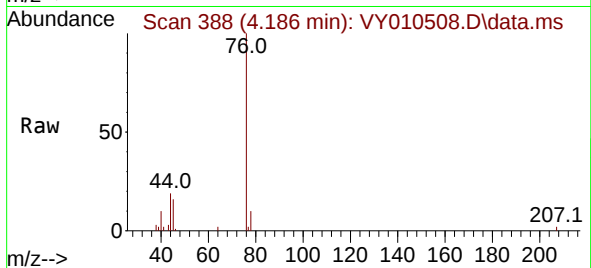
Tgt Ion: 43 Resp: 8833
Ion Ratio Lower Upper
43 100
58 31.6 22.0 33.0





#17
Carbon Disulfide
Concen: 2.512 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

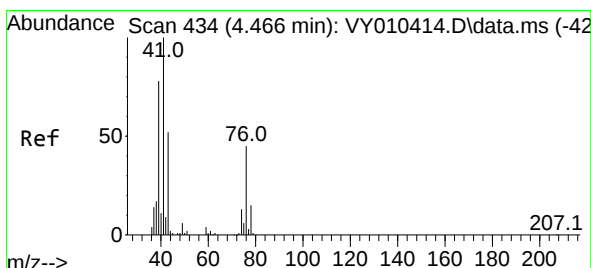
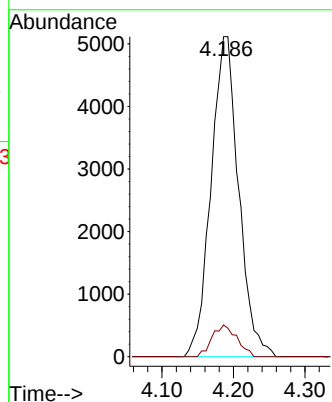
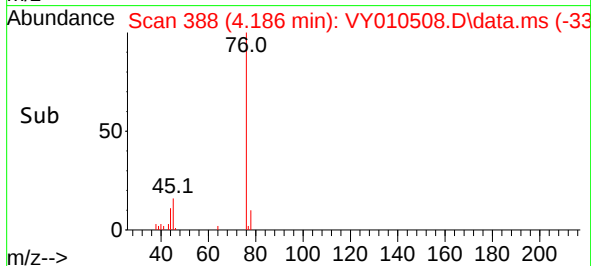
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



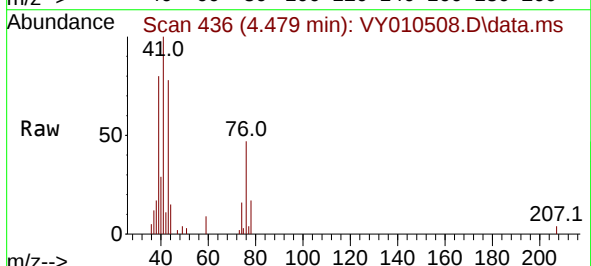
Tgt Ion: 76 Resp: 1371
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

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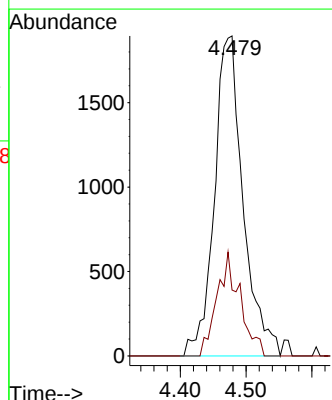
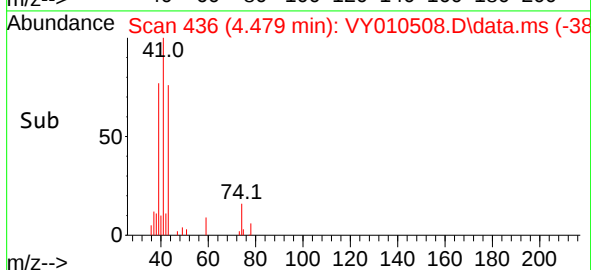
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

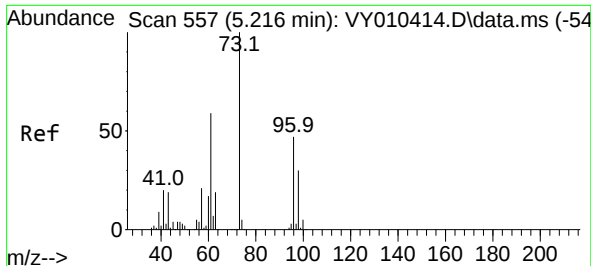


#18
Methyl Acetate
Concen: 3.873 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05



Tgt Ion: 43 Resp: 5764
Ion Ratio Lower Upper
43 100
74 26.1 16.6 24.8#





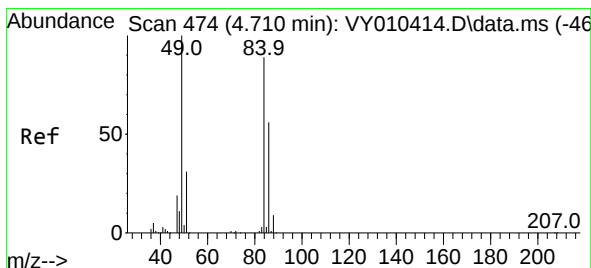
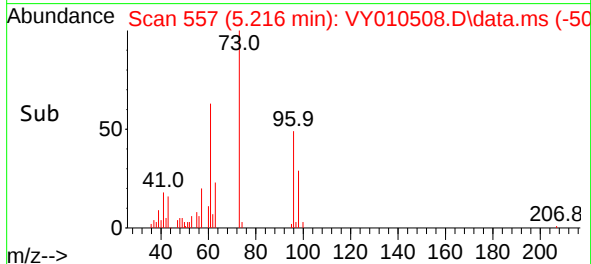
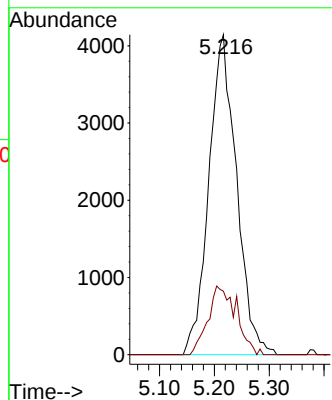
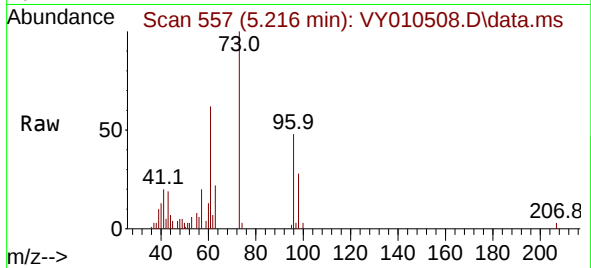
#19
Methyl tert-butyl Ether
Concen: 2.606 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 73 Resp: 1452
Ion Ratio Lower Upper
73 100
57 19.9 18.6 27.8

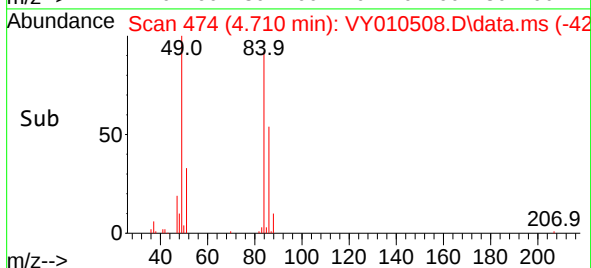
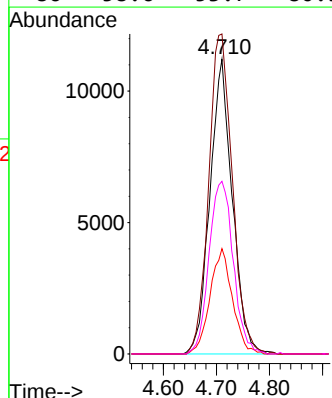
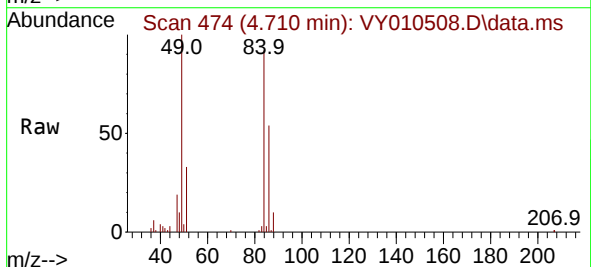
Manual Integrations
APPROVED

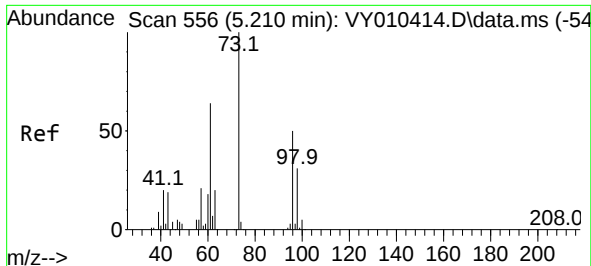
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#20
Methylene Chloride
Concen: 11.155 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

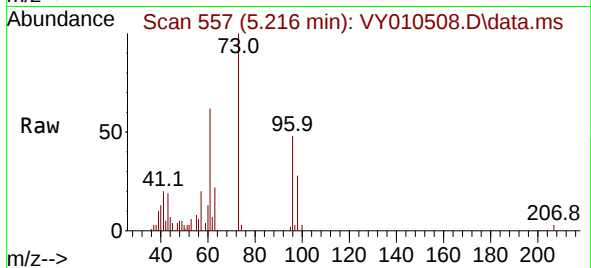
Tgt Ion: 84 Resp: 32934
Ion Ratio Lower Upper
84 100
49 108.6 114.4 171.6#
51 35.7 35.3 52.9
86 58.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 2.665 ug/l
RT: 5.216 min Scan# 510
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

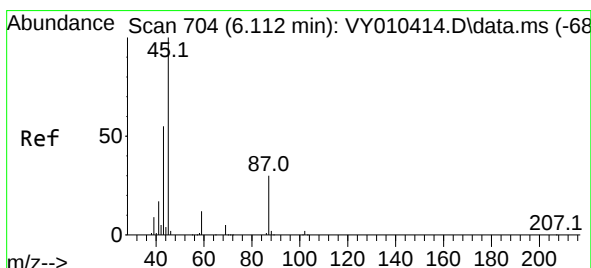
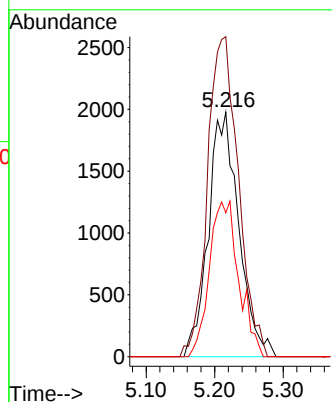
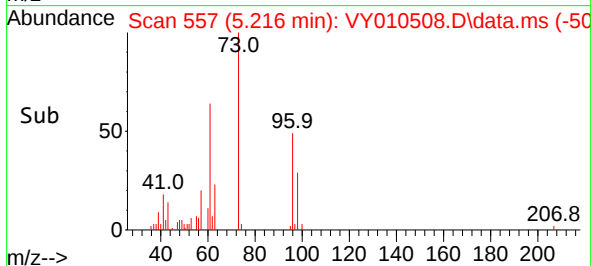
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 96 Resp: 610
Ion Ratio Lower Upper
96 100
61 130.9 120.5 180.7
98 58.9 49.8 74.8

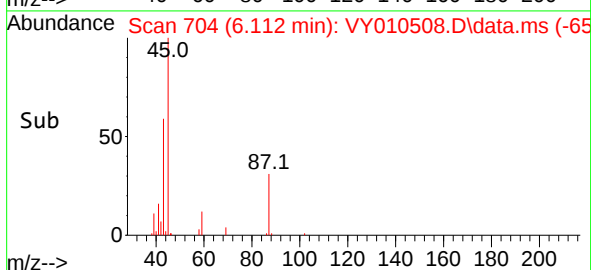
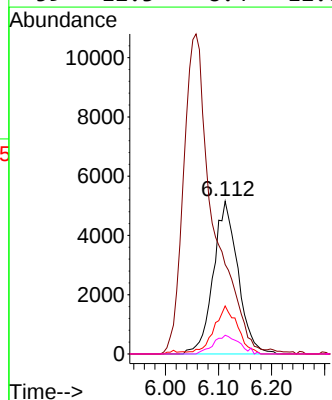
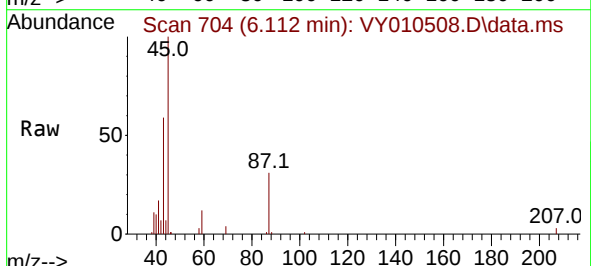
Manual Integrations
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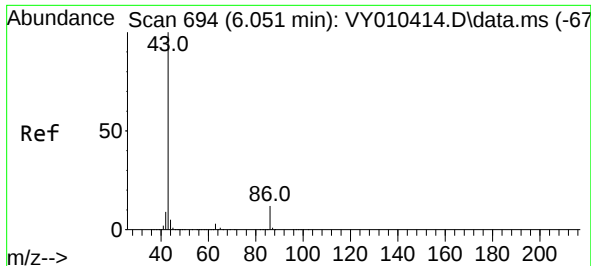
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 2.561 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

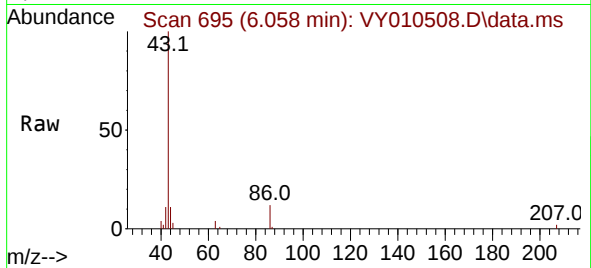
Tgt Ion: 45 Resp: 16616
Ion Ratio Lower Upper
45 100
43 56.8 49.3 73.9
87 31.4 19.2 28.8#
59 12.3 8.4 12.6





#23
 Vinyl Acetate
 Concen: 10.636 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY010508.D
 Acq: 15 Sep 2022 14:05

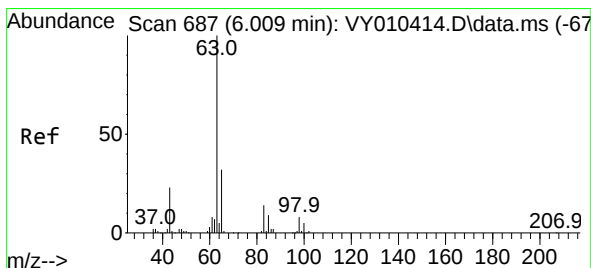
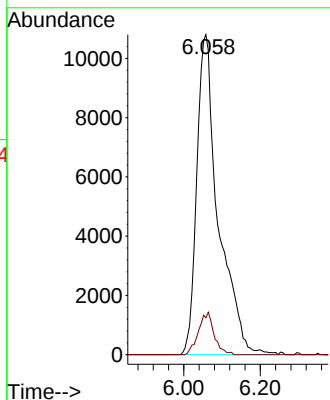
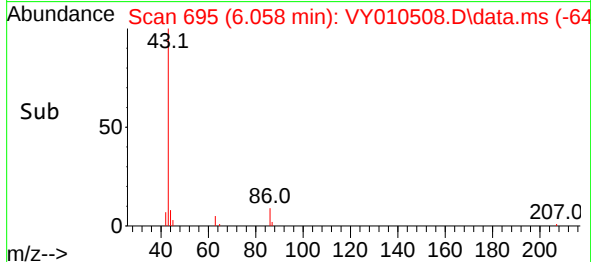
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022



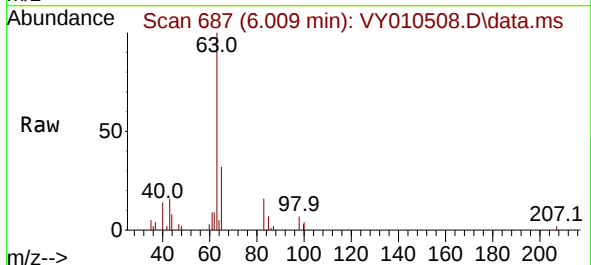
Tgt Ion: 43 Resp: 4229
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7

Manual Integrations
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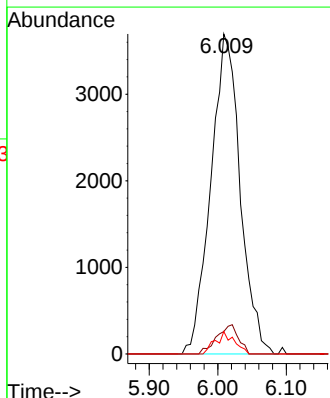
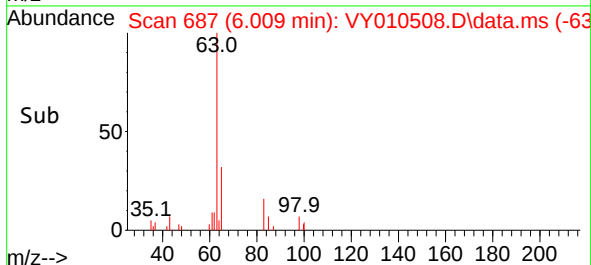
Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#24
 1,1-Dichloroethane
 Concen: 2.801 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010508.D
 Acq: 15 Sep 2022 14:05



Tgt Ion: 63 Resp: 11003
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 7.0 2.0 5.8





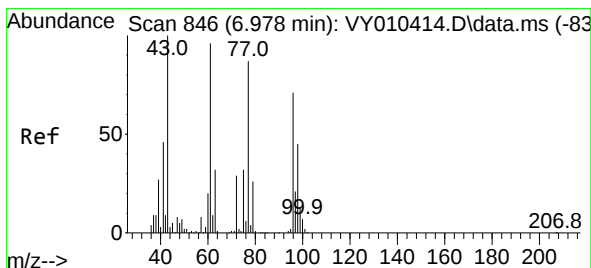
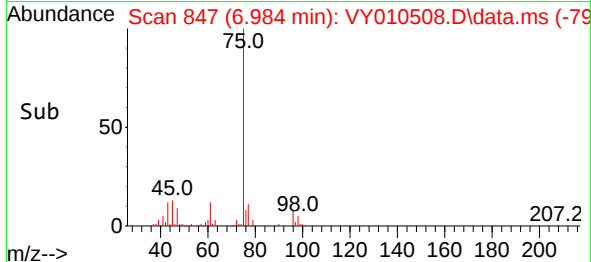
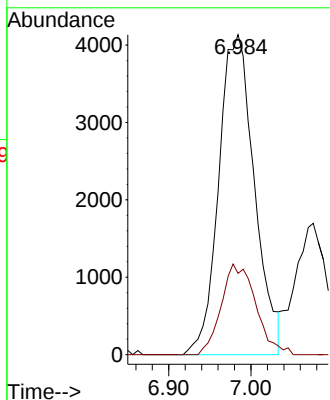
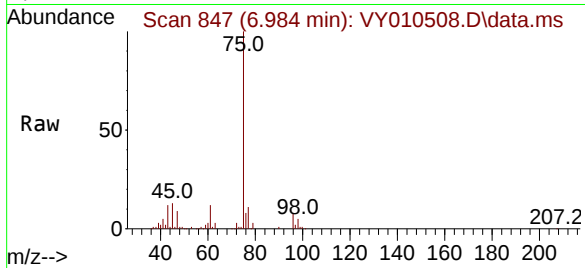
#25
2-Butanone
Concen: 16.203 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
72 25.4 17.7 26.5

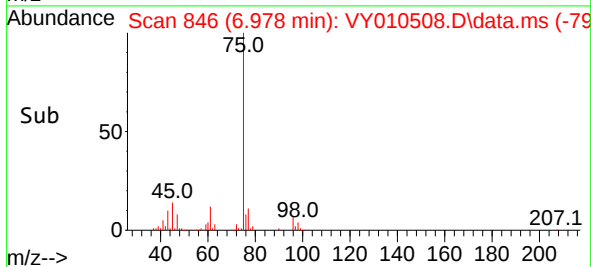
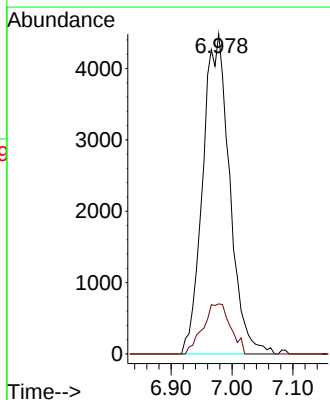
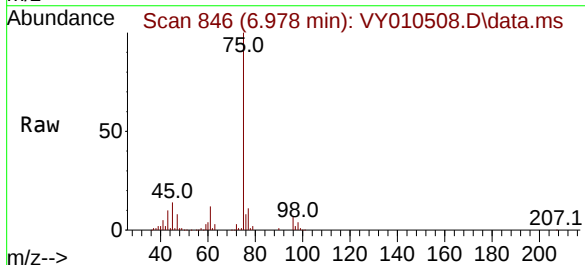
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#26
2,2-Dichloropropane
Concen: 3.662 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 77 Resp: 13728
Ion Ratio Lower Upper
77 100
97 16.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 2.674 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY010508.D

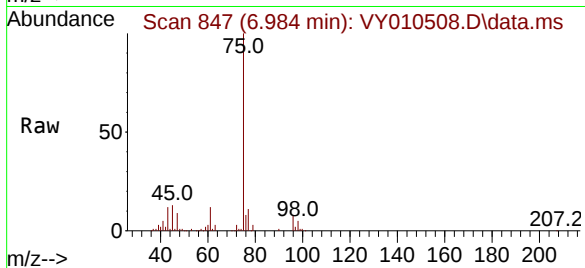
Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



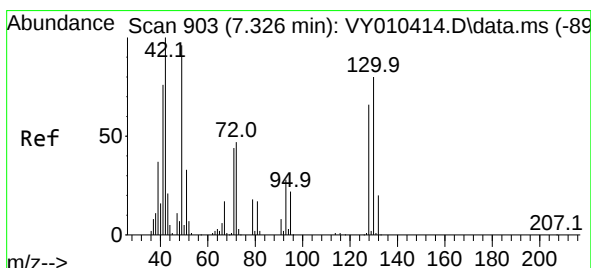
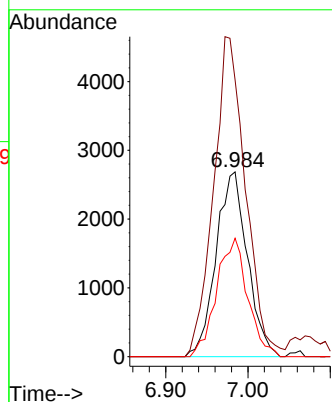
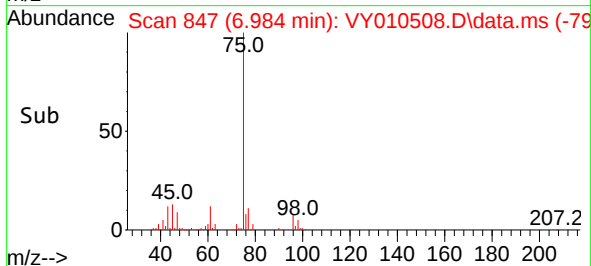
Tgt Ion:	96	Resp:	7124
Ion	Ratio	Lower	Upper
96	100		
61	176.4	0.0	319.8
98	63.5	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#28

Bromochloromethane

Concen: 3.187 ug/l

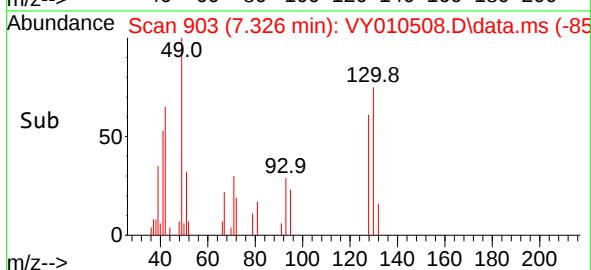
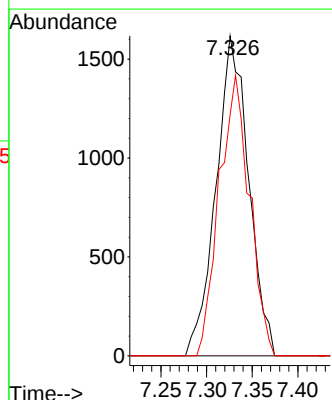
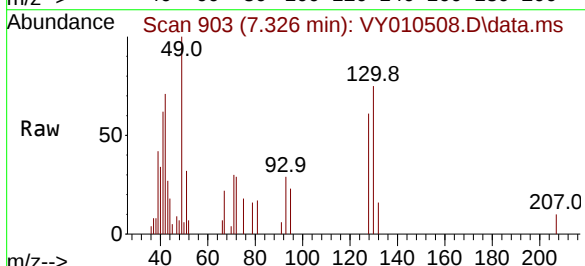
RT: 7.326 min Scan# 903

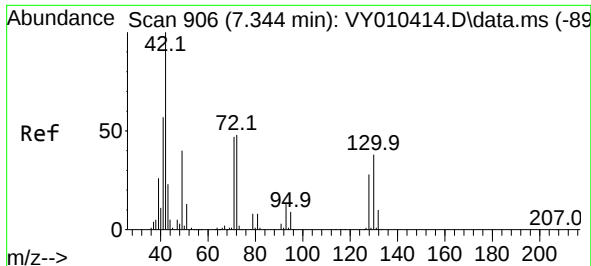
Delta R.T. -0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Tgt Ion:	49	Resp:	4014
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	81.3	55.4	83.0





#29

Tetrahydrofuran

Concen: 13.345 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

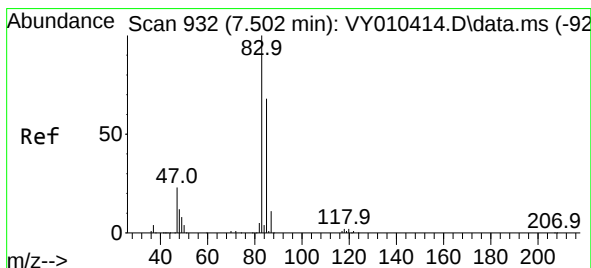
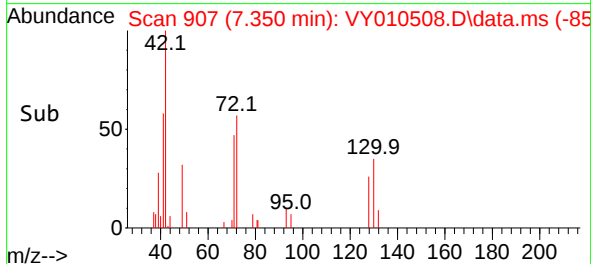
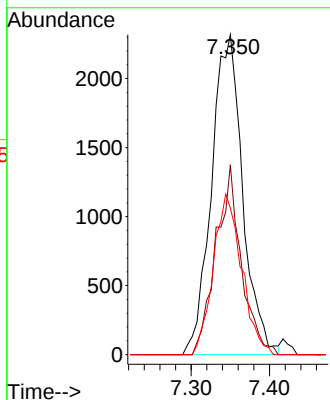
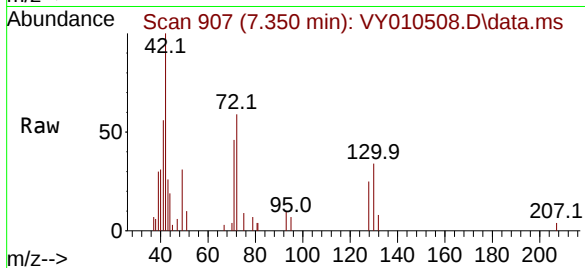
Tgt Ion:	42	Resp:	640
Ion Ratio	Lower	Upper	
42	100		
72	48.3	30.3	45.5
71	45.6	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 2.828 ug/l

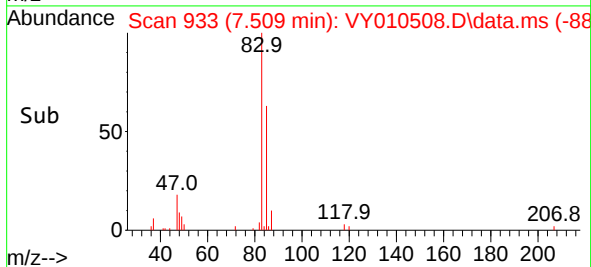
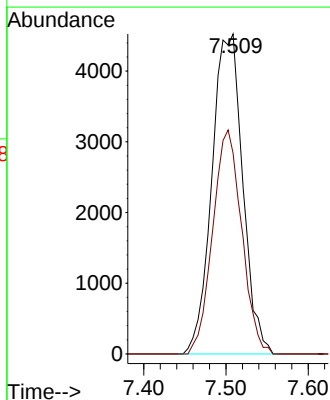
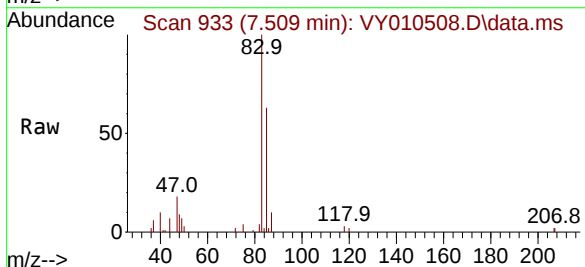
RT: 7.509 min Scan# 933

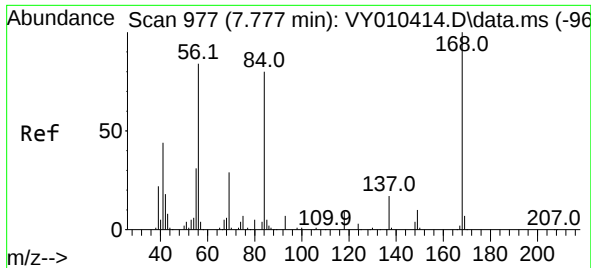
Delta R.T. 0.007 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

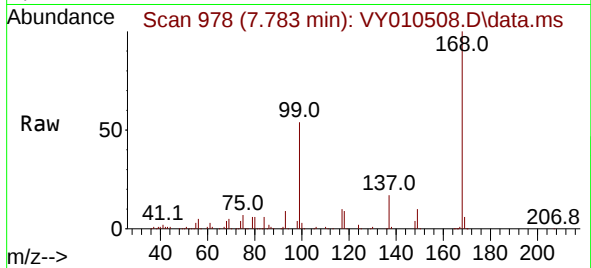
Tgt Ion:	83	Resp:	11786
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.8	77.6





#31
Cyclohexane
Concen: 3.619 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

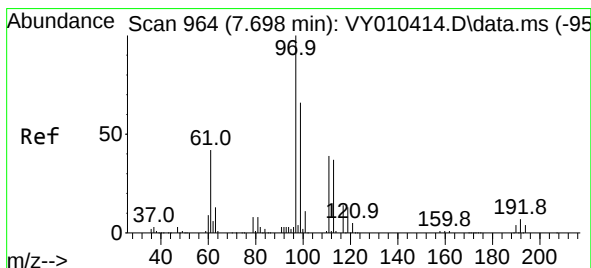
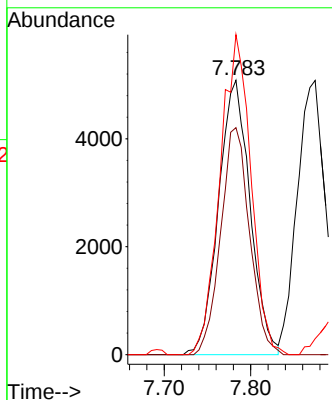
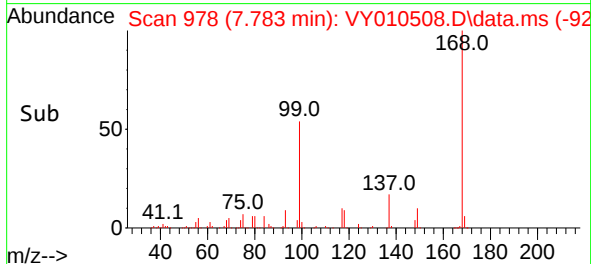
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 56 Resp: 1288
Ion Ratio Lower Upper
56 100
69 82.7 26.7 40.1
84 116.6 67.2 100.8

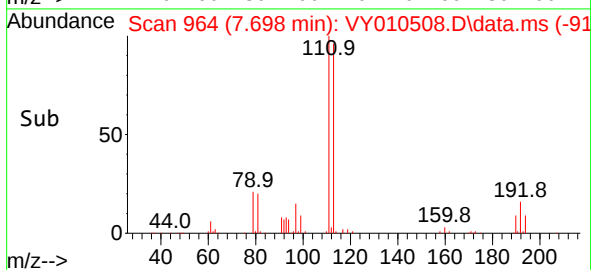
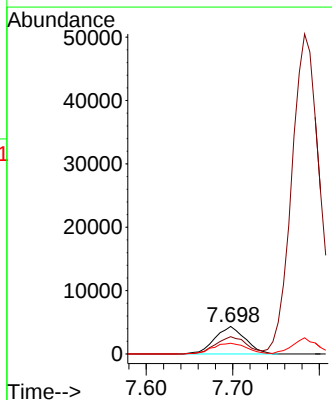
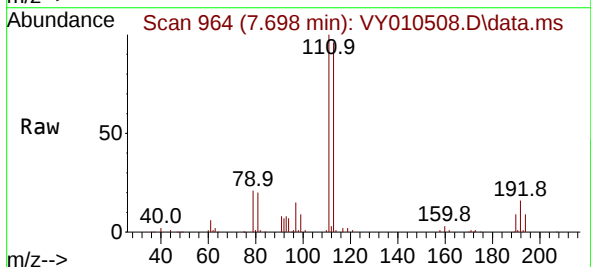
Manual Integrations
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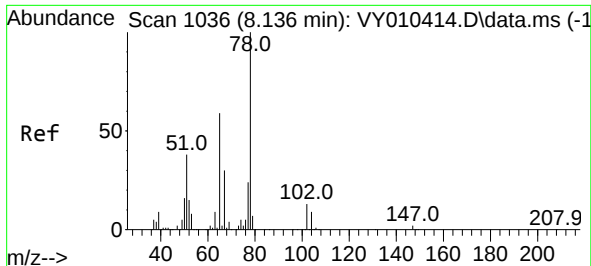
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#32
1,1,1-Trichloroethane
Concen: 2.793 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 97 Resp: 10537
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 43.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.330 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010508.D

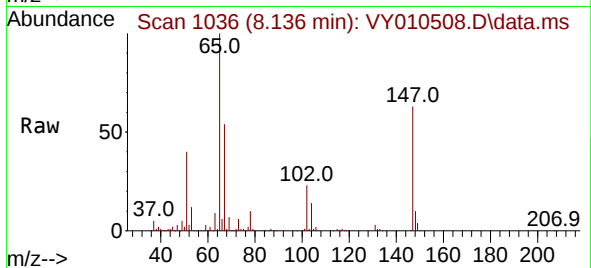
Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 65 Resp: 108200

Ion Ratio Lower Upper

65 100

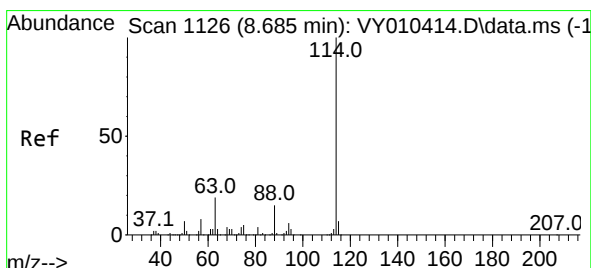
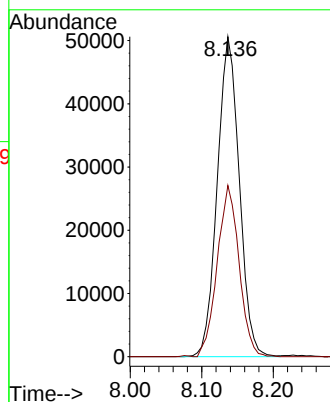
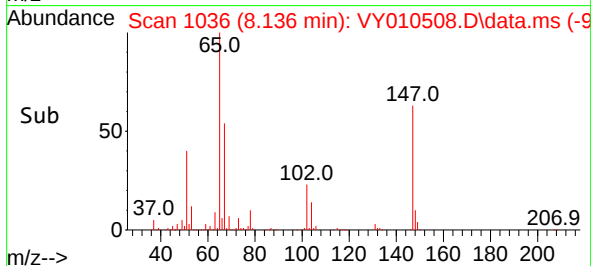
67 53.1 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

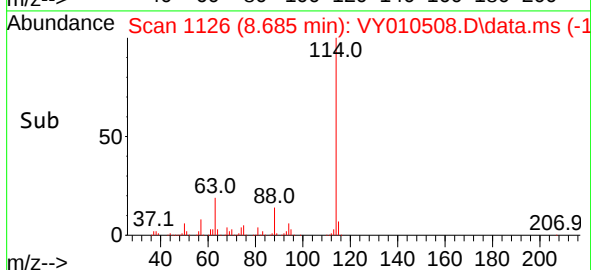
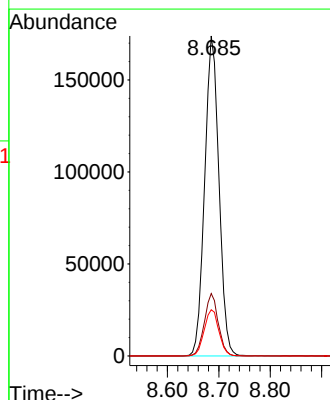
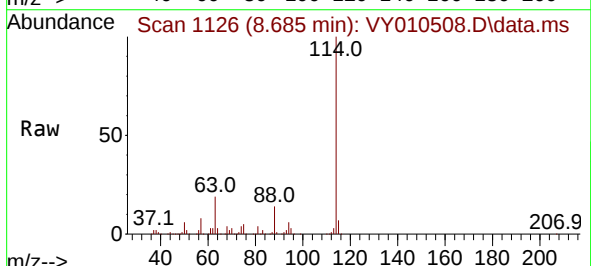
Tgt Ion:114 Resp: 334897

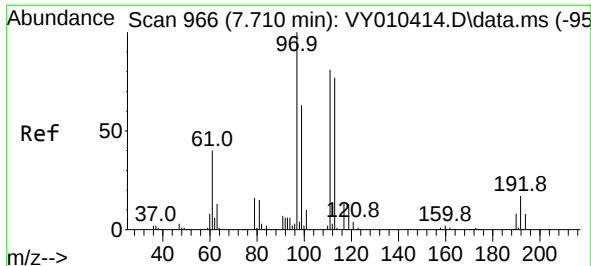
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

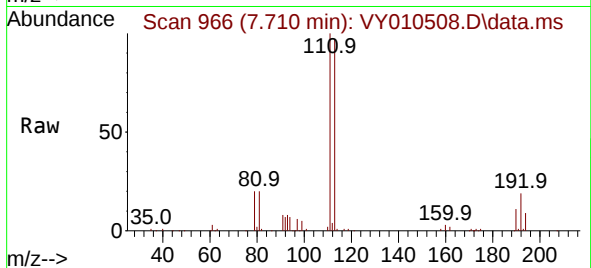
88 14.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 45.082 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

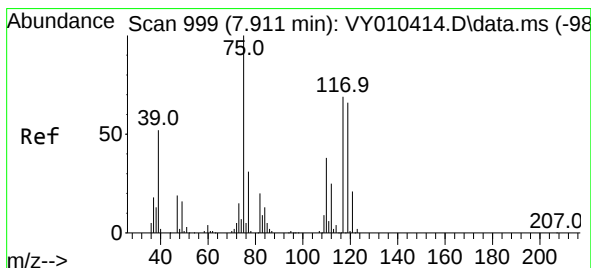
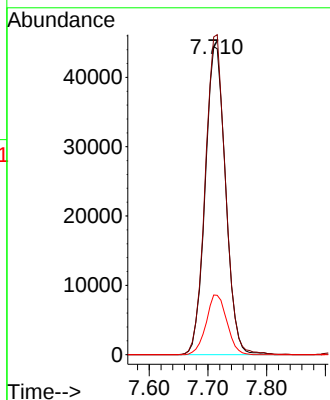
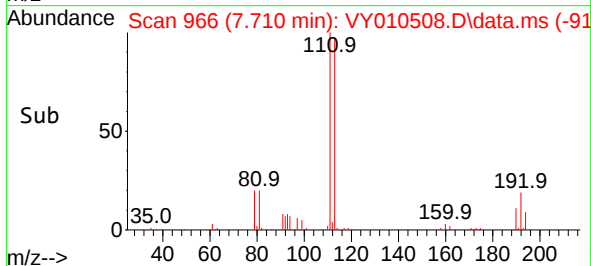
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



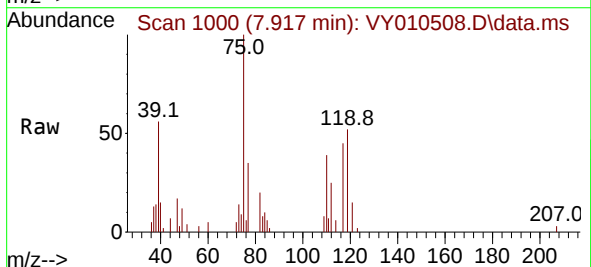
Tgt Ion: 113 Resp: 107220
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.7 17.6 26.4

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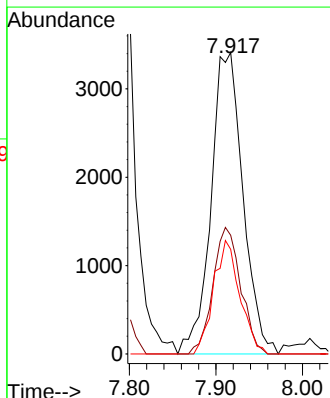
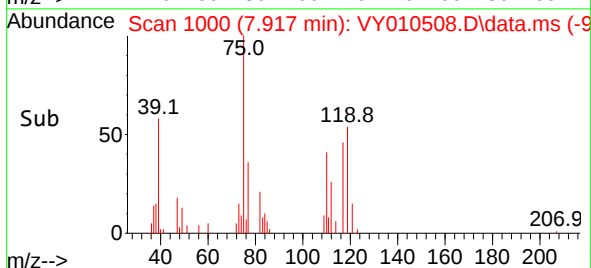
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

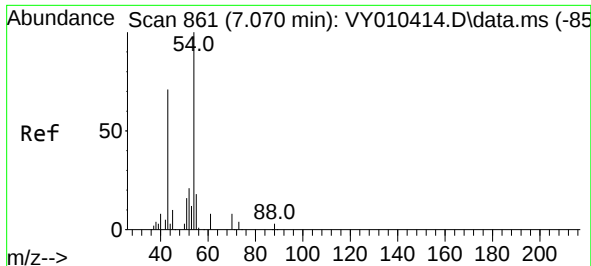


#36
1,1-Dichloropropene
Concen: 2.689 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05



Tgt Ion: 75 Resp: 8757
Ion Ratio Lower Upper
75 100
110 36.5 17.1 51.2
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 2.422 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 43 Resp: 4140

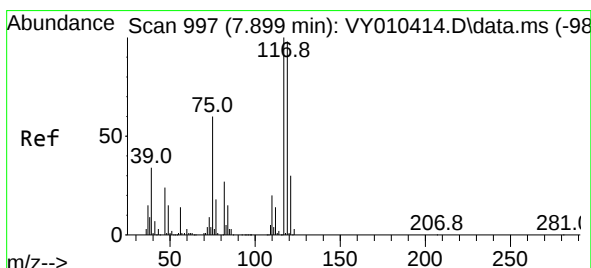
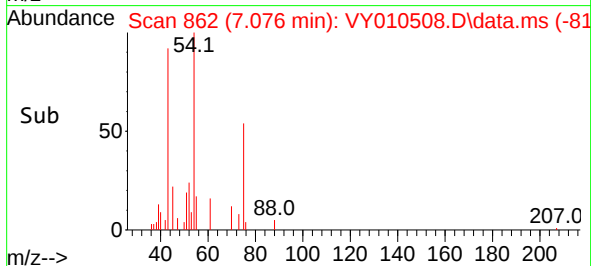
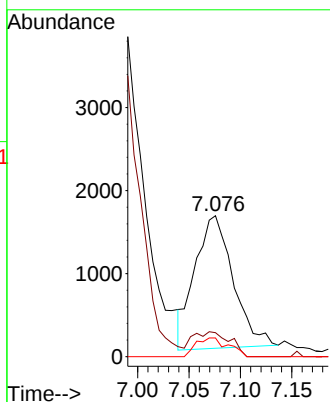
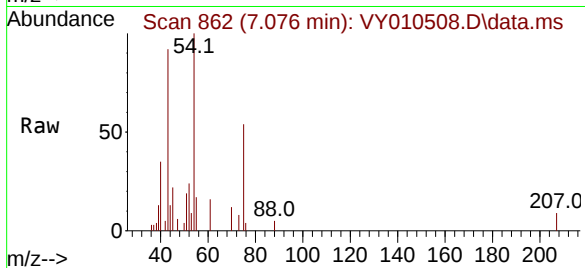
Ion	Ratio	Lower	Upper
43	100		
61	18.2	9.7	14.5
70	11.9	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#38

Carbon Tetrachloride

Concen: 2.680 ug/l

RT: 7.899 min Scan# 997

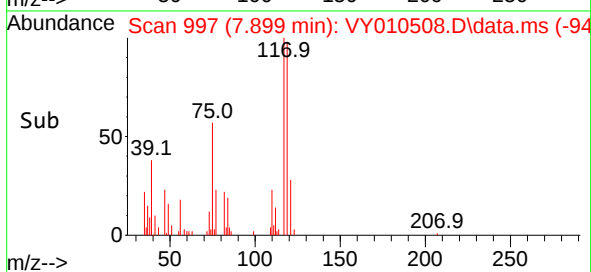
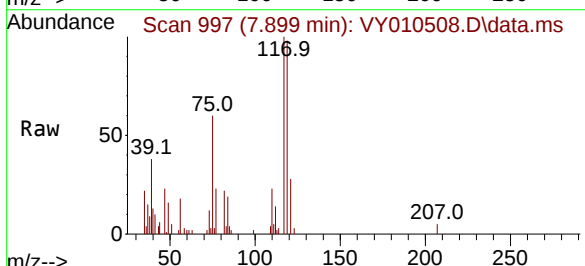
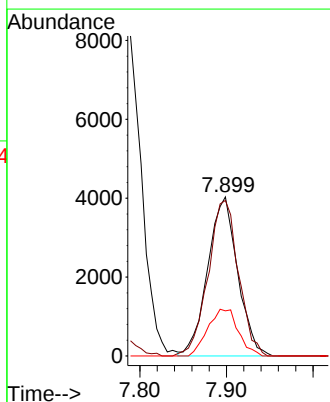
Delta R.T. -0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Tgt Ion:117 Resp: 9708

Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.9	116.9
121	28.3	24.8	37.2





#39

Methylcyclohexane

Concen: 2.464 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

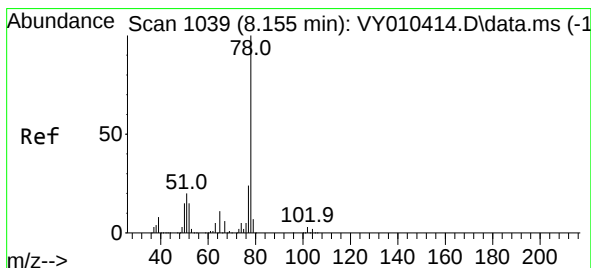
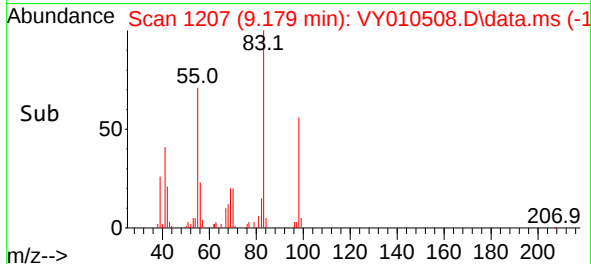
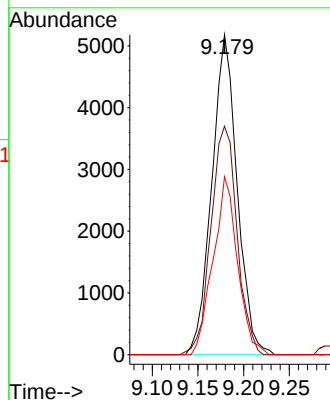
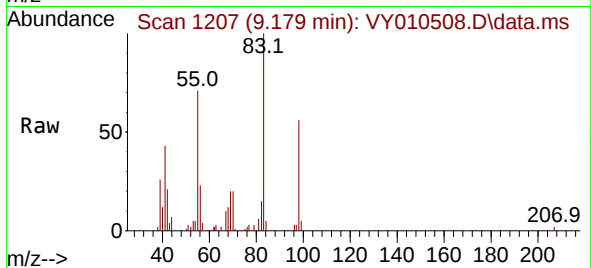
Tgt Ion: 83	Resp: 1000
Ion Ratio	Lower Upper
83	100
55	71.4 66.5 99.7
98	55.6 37.9 56.9

Manual Integrations

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Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 2.733 ug/l

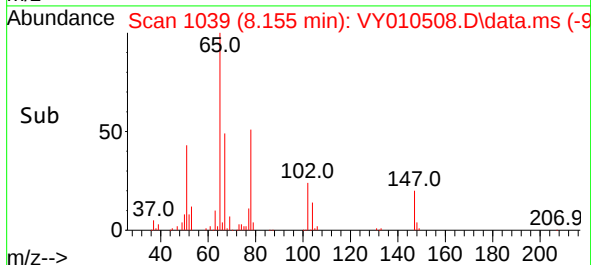
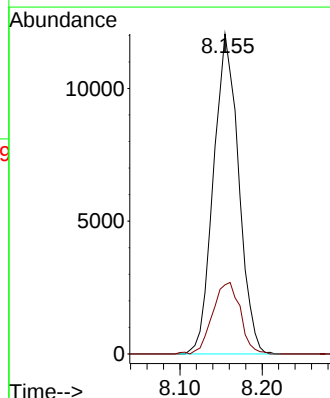
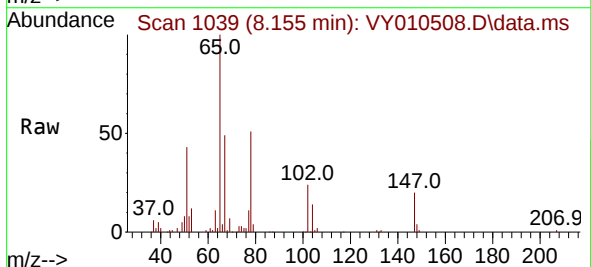
RT: 8.155 min Scan# 1039

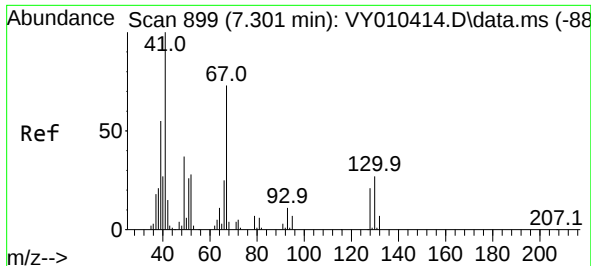
Delta R.T. -0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

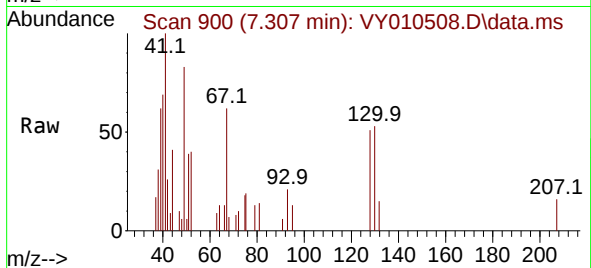
Tgt Ion: 78	Resp: 25618
Ion Ratio	Lower Upper
78	100
77	21.6 20.4 30.6





#41
Methacrylonitrile
Concen: 2.227 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

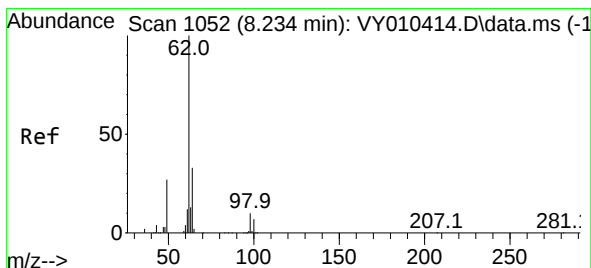
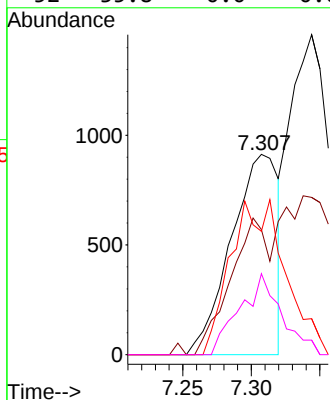
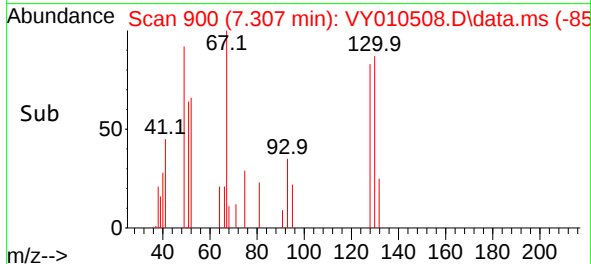
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 41 Resp: 2179
Ion Ratio Lower Upper
41 100
39 55.2 92.9 139.3
67 89.2 0.0 0.0
52 35.8 0.0 0.0

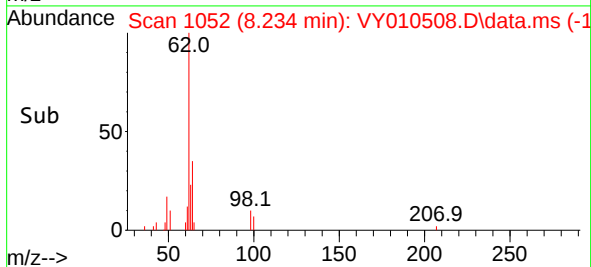
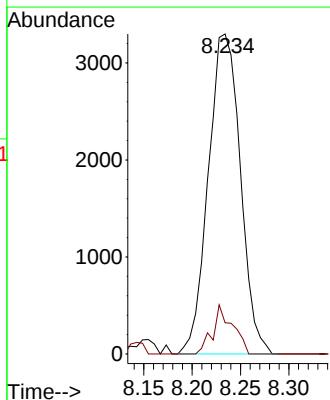
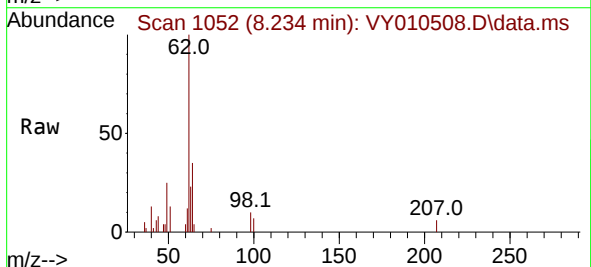
Manual Integrations
APPROVED

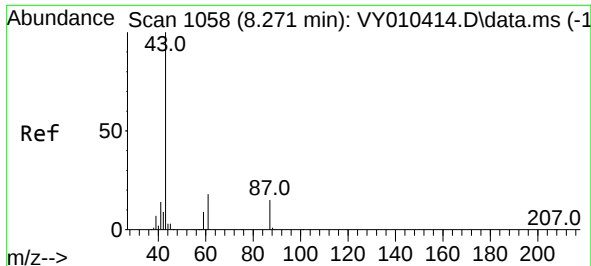
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#42
1,2-Dichloroethane
Concen: 2.732 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

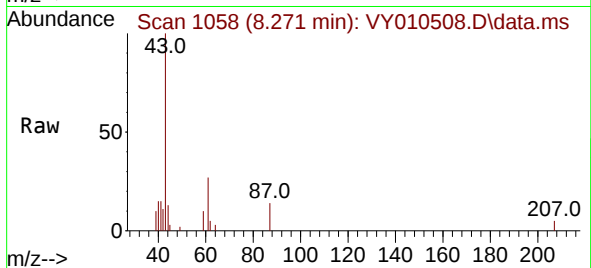
Tgt Ion: 62 Resp: 7614
Ion Ratio Lower Upper
62 100
98 9.5 0.0 14.8





#43
Isopropyl Acetate
Concen: 2.360 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

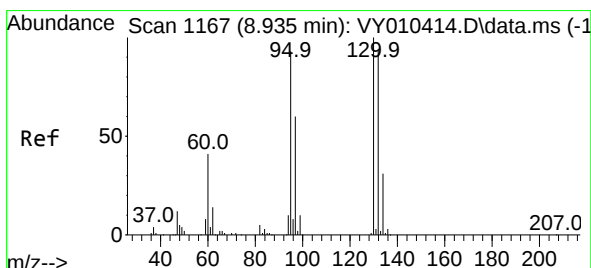
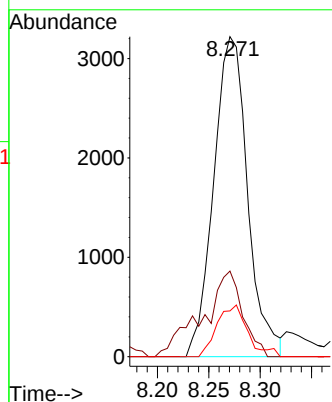
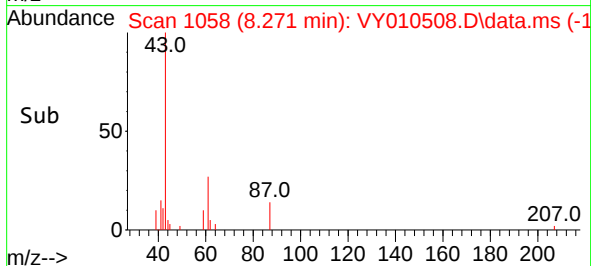
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 43 Resp: 7392
Ion Ratio Lower Upper
43 100
61 23.5 20.2 30.2
87 14.6 8.9 13.3

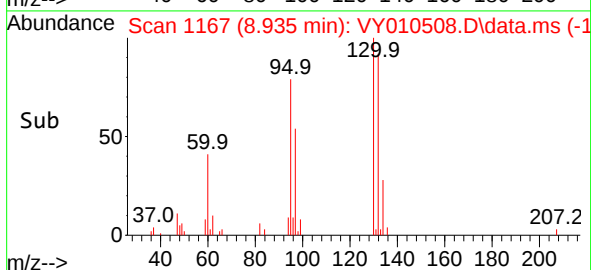
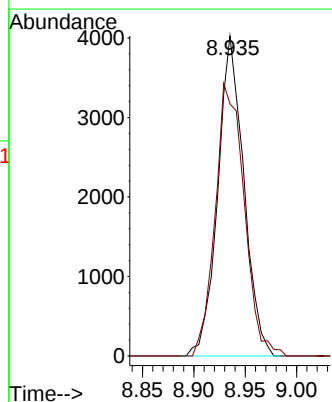
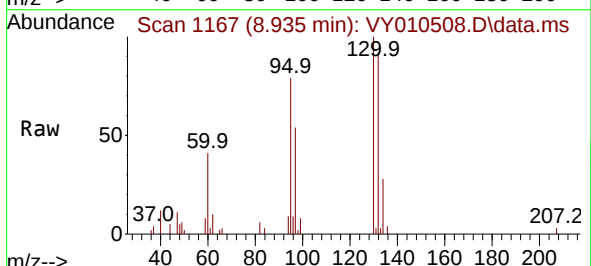
Manual Integrations
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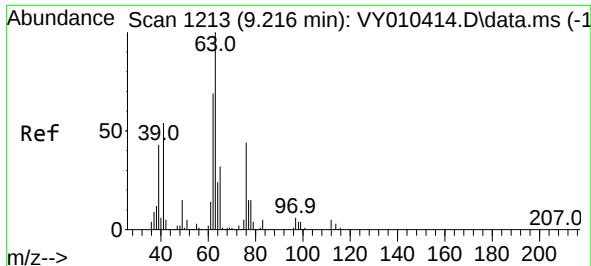
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#44
Trichloroethene
Concen: 2.561 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:130 Resp: 7066
Ion Ratio Lower Upper
130 100
95 78.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 2.645 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 63 Resp: 6040

Ion Ratio Lower Upper

63 100

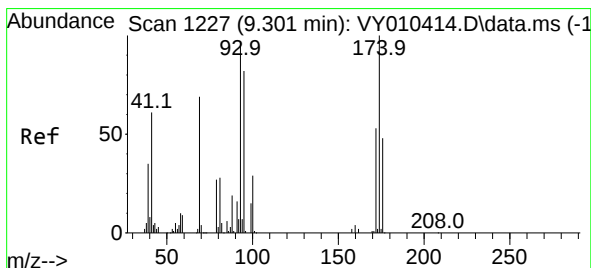
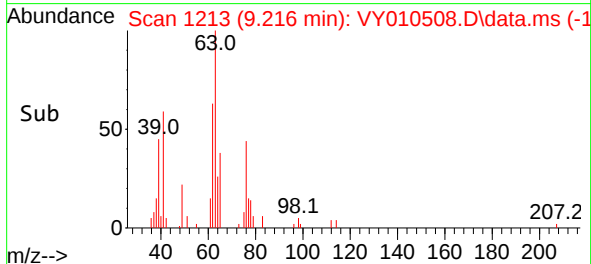
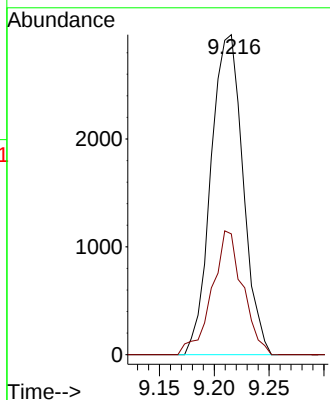
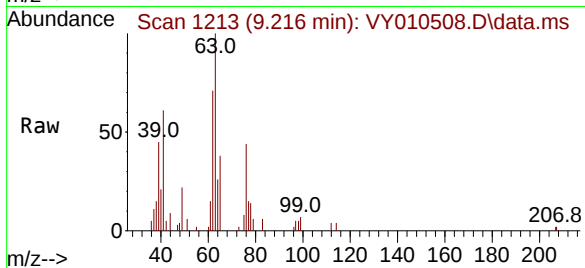
65 37.7 23.0 34.6

Manual Integrations

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Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 2.788 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

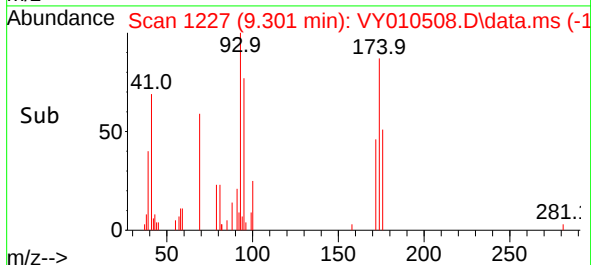
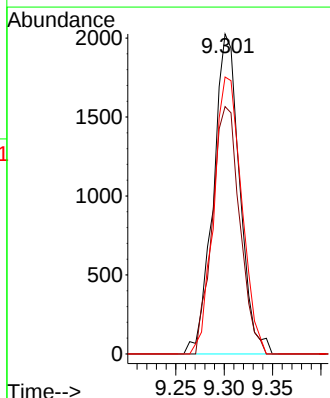
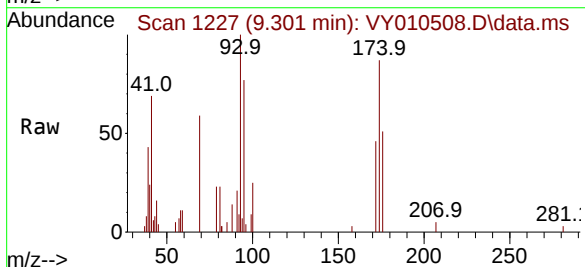
Tgt Ion: 93 Resp: 3843

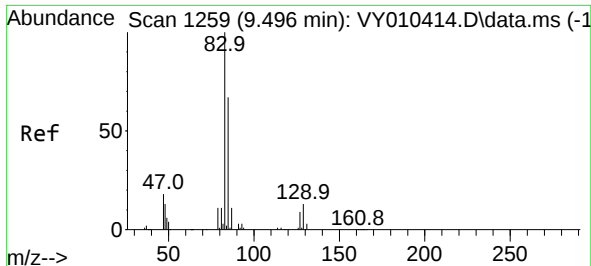
Ion Ratio Lower Upper

93 100

95 80.3 64.3 96.5

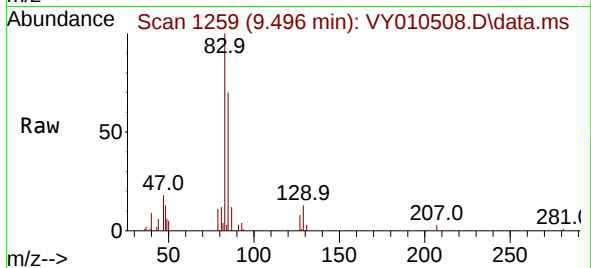
174 91.1 83.4 125.0





#47
Bromodichloromethane
Concen: 2.603 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

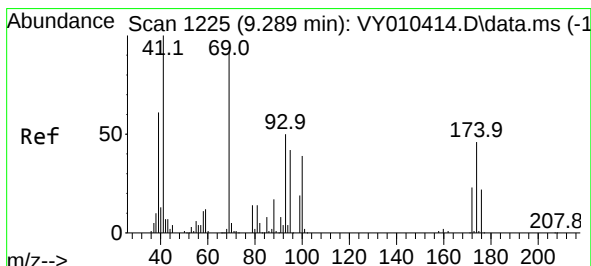
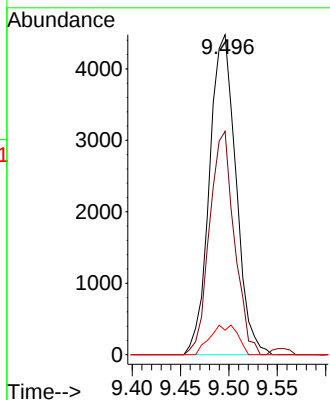
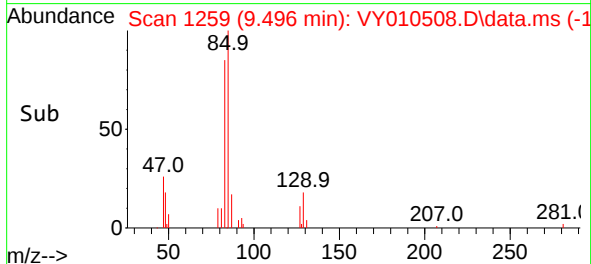
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



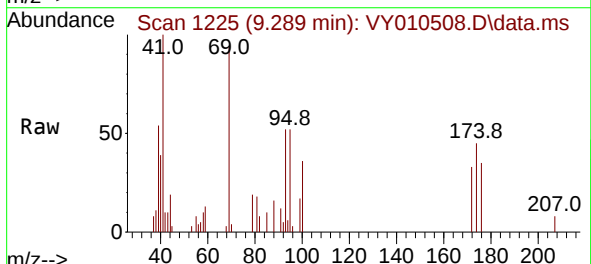
Tgt Ion: 83 Resp: 852
Ion Ratio Lower Upper
83 100
85 69.8 51.9 77.9
127 7.7 6.6 10.0

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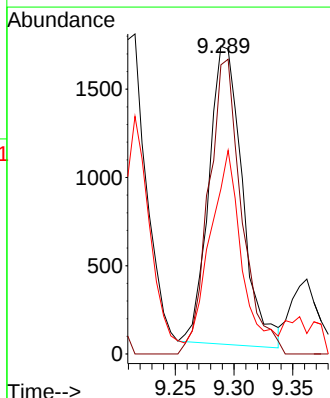
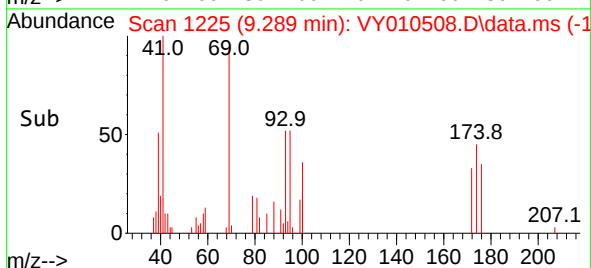
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

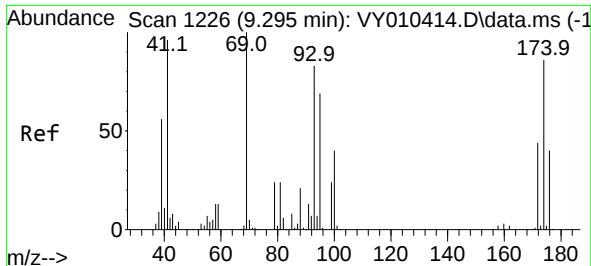


#48
Methyl methacrylate
Concen: 2.383 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05



Tgt Ion: 41 Resp: 3352
Ion Ratio Lower Upper
41 100
69 97.1 58.2 87.2#
39 59.6 47.4 71.0





#49

1,4-Dioxane

Concen: 53.647 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY010508.D

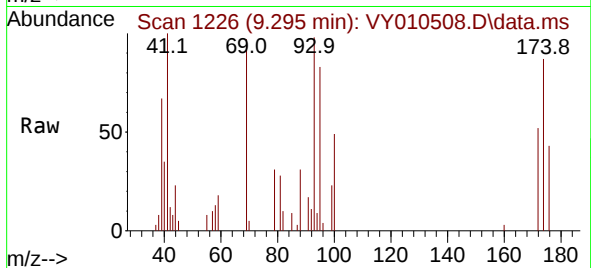
Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



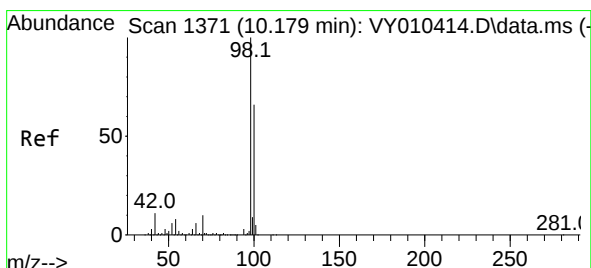
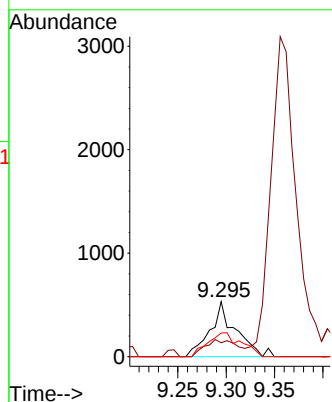
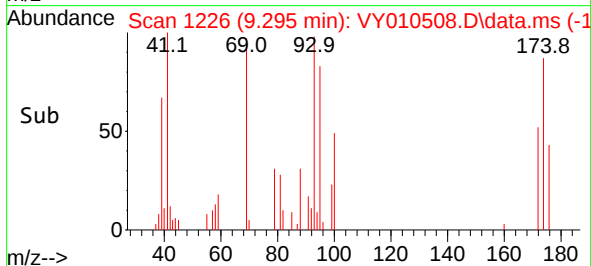
Tgt Ion:	88	Resp:	979
Ion	Ratio	Lower	Upper
88	100		
43	38.4	32.8	49.2
58	57.0	59.8	89.6

Manual Integrations

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Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 49.722 ug/l

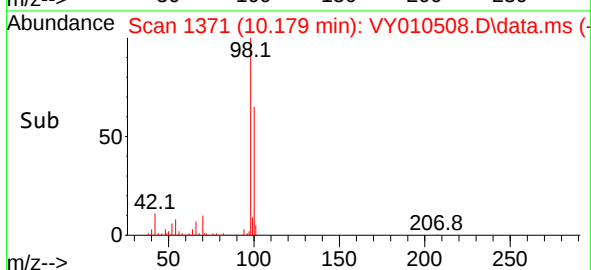
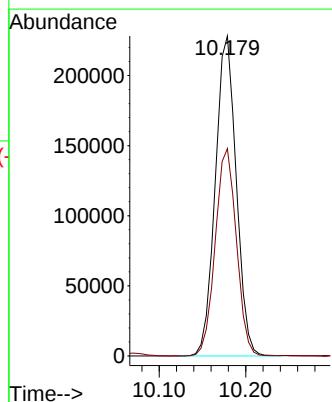
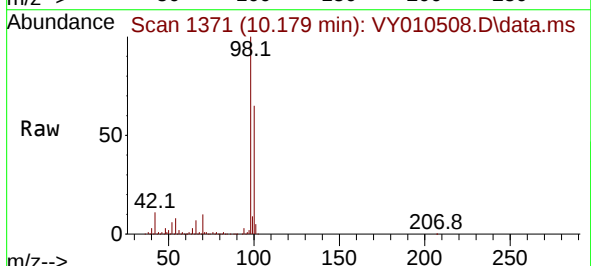
RT: 10.179 min Scan# 1371

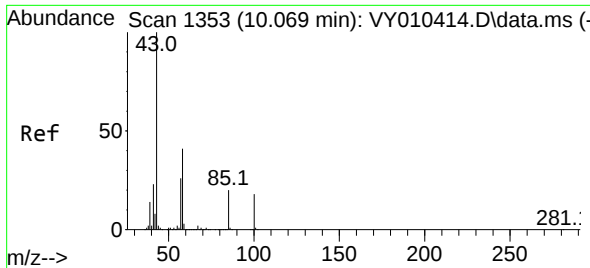
Delta R.T. -0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

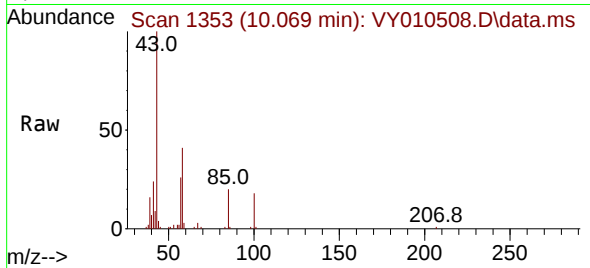
Tgt Ion:	98	Resp:	383281
Ion	Ratio	Lower	Upper
98	100		
100	65.6	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 11.983 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

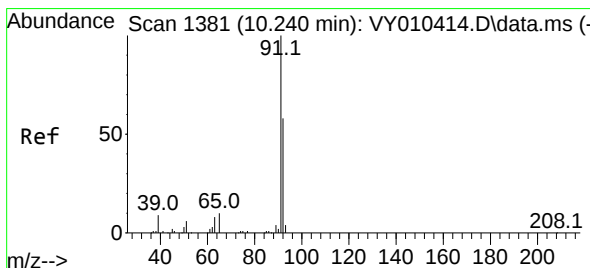
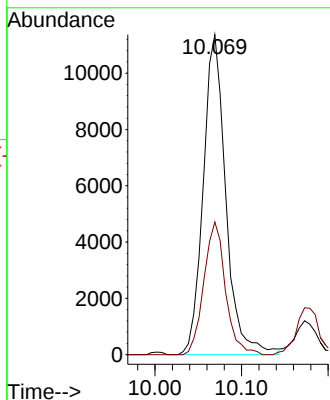
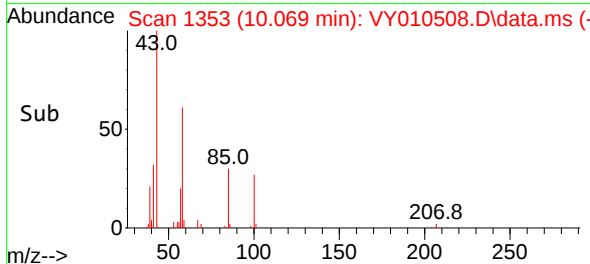
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 43 Resp: 20590
Ion Ratio Lower Upper
43 100
58 39.6 28.1 42.1

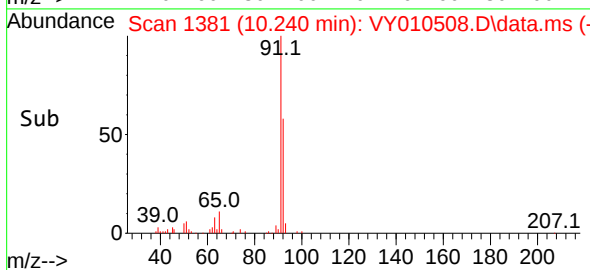
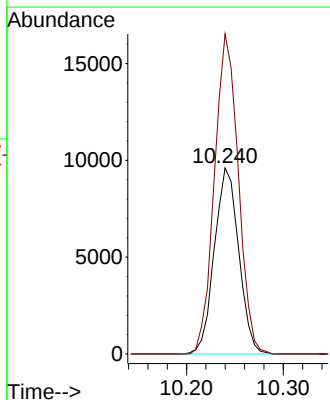
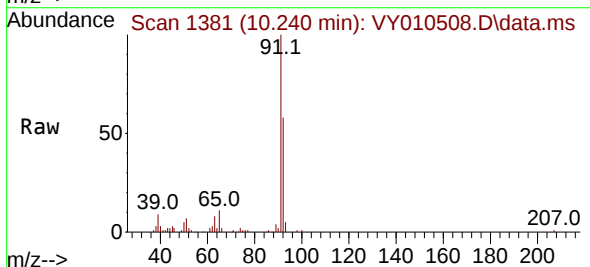
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#52
Toluene
Concen: 2.742 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 92 Resp: 16820
Ion Ratio Lower Upper
92 100
91 168.5 142.6 213.8





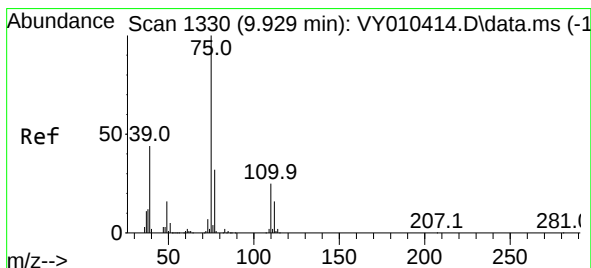
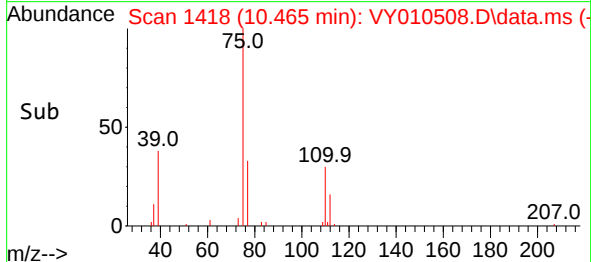
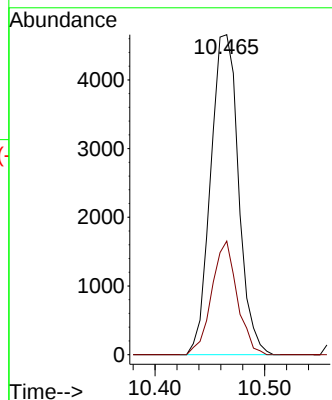
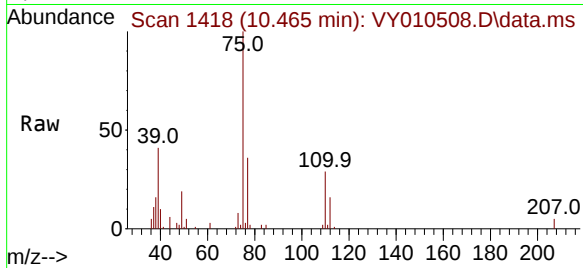
#53
t-1,3-Dichloropropene
Concen: 2.438 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 75 Resp: 821
Ion Ratio Lower Upper
75 100
77 35.5 25.4 38.2

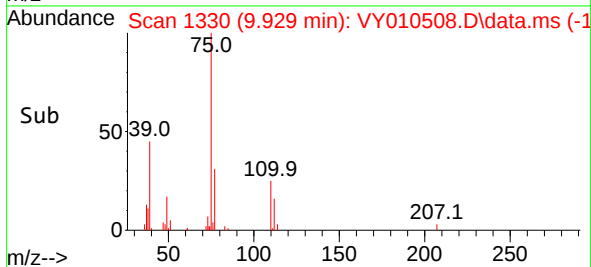
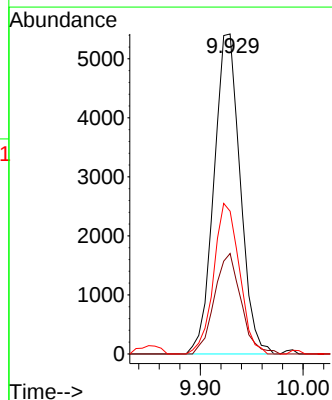
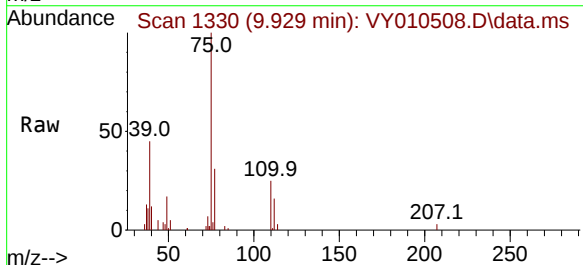
Manual Integrations
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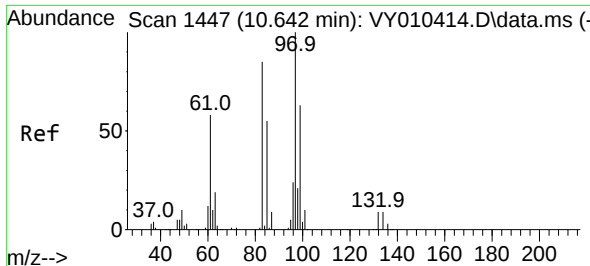
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#54
cis-1,3-Dichloropropene
Concen: 2.528 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

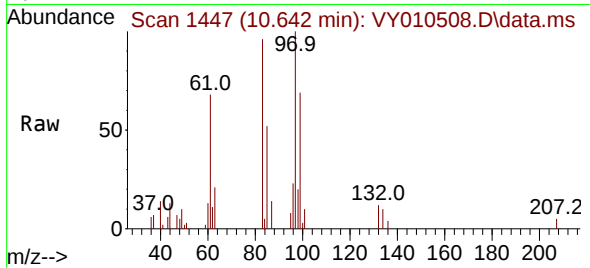
Tgt Ion: 75 Resp: 9610
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4
39 44.6 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 2.614 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

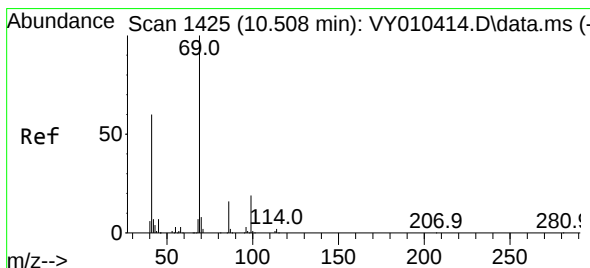
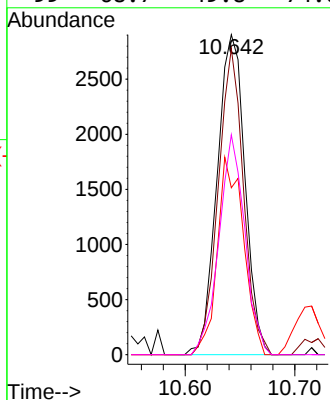
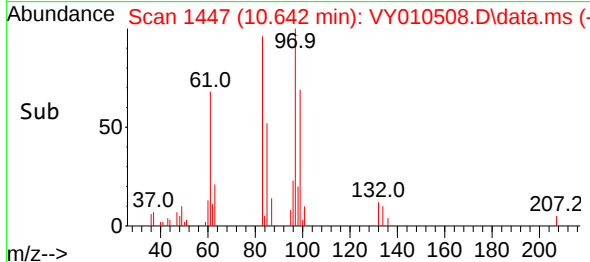
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.7	69.8	104.8
85	52.1	44.3	66.5
99	68.7	49.8	74.6

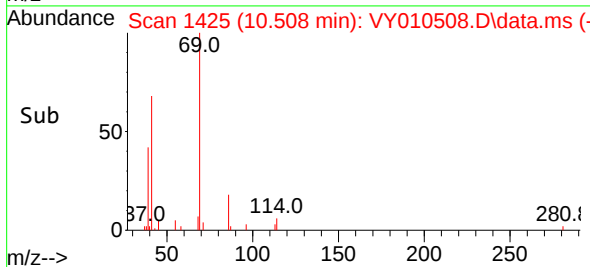
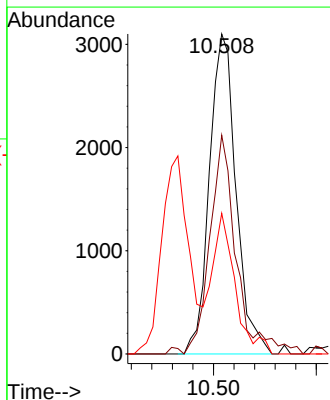
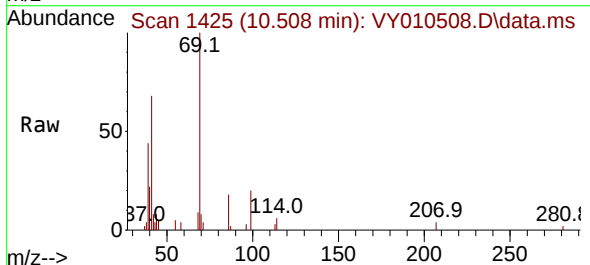
Manual Integrations
APPROVED

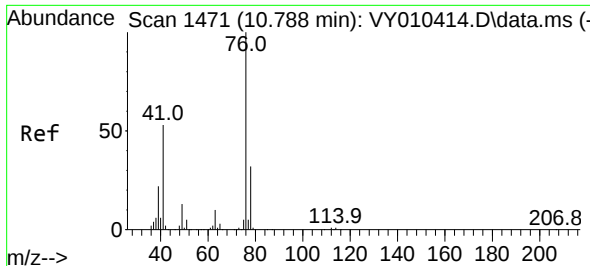
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#56
Ethyl methacrylate
Concen: 2.164 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

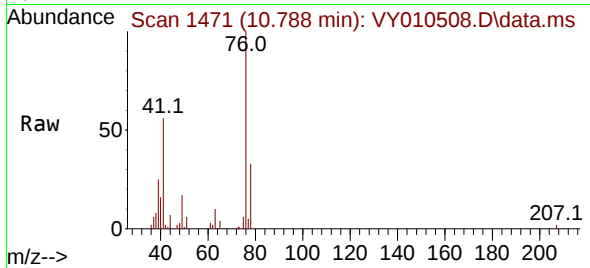
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	63.4	95.0
39	37.7	35.8	53.8





#57
1,3-Dichloropropane
Concen: 2.601 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

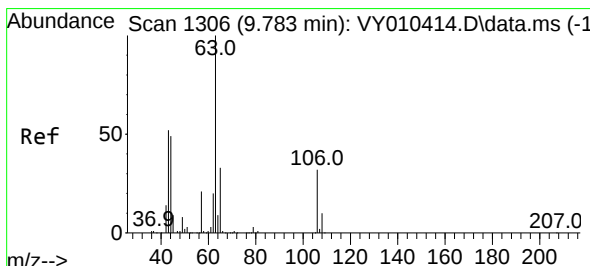
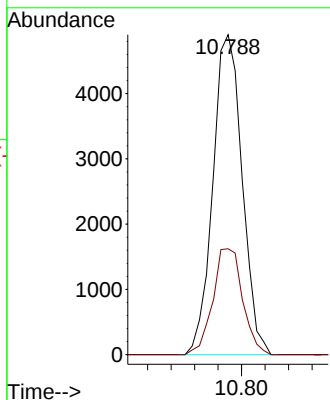
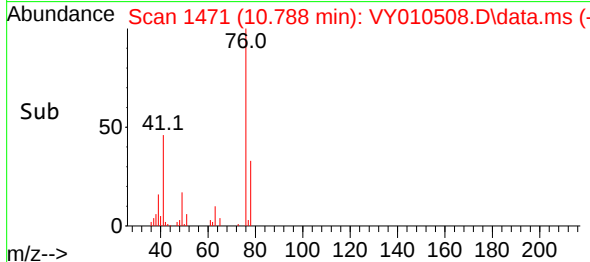
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 76 Resp: 8480
Ion Ratio Lower Upper
76 100
78 33.8 25.0 37.6

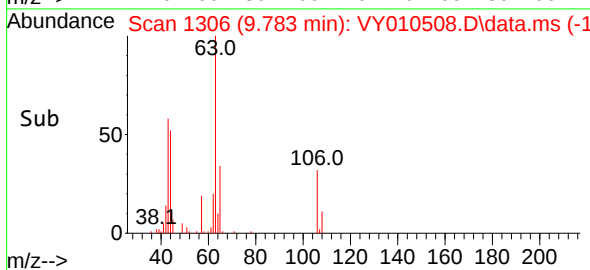
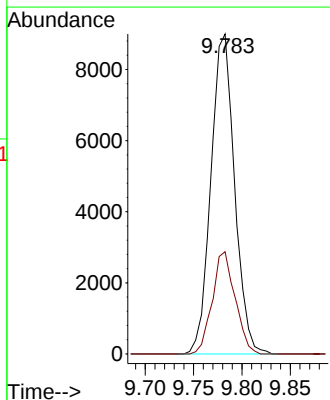
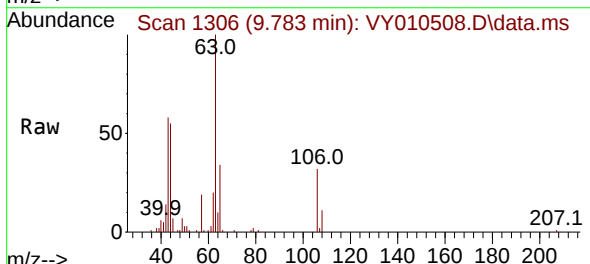
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#58
2-Chloroethyl Vinyl ether
Concen: 17.448 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion: 63 Resp: 15286
Ion Ratio Lower Upper
63 100
106 30.8 21.5 32.3





#59

2-Hexanone

Concen: 10.993 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 43 Resp: 12870

Ion Ratio Lower Upper

43 100

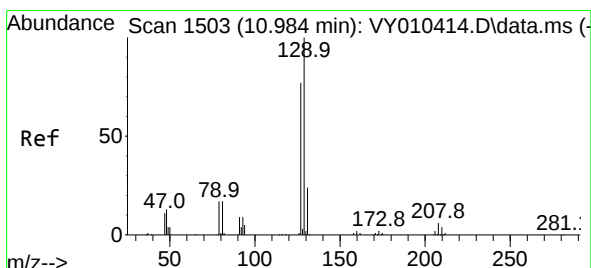
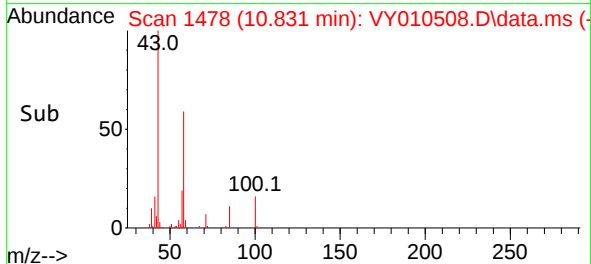
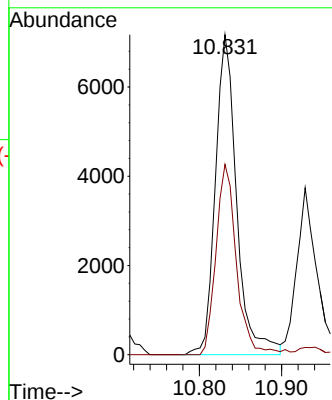
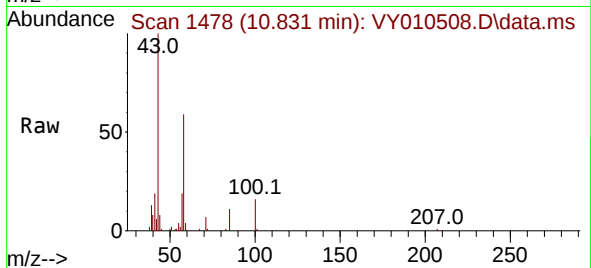
58 57.0 24.4 73.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#60

Dibromochloromethane

Concen: 2.444 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. -0.007 min

Lab File: VY010508.D

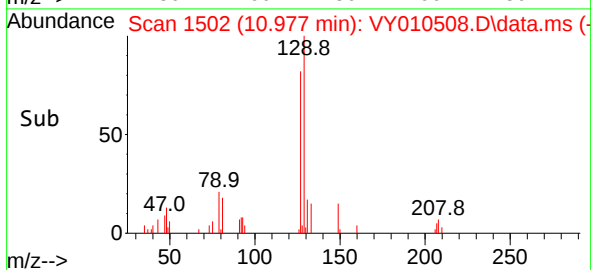
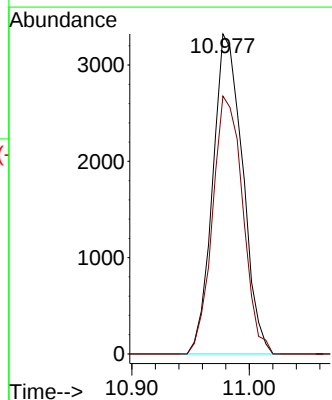
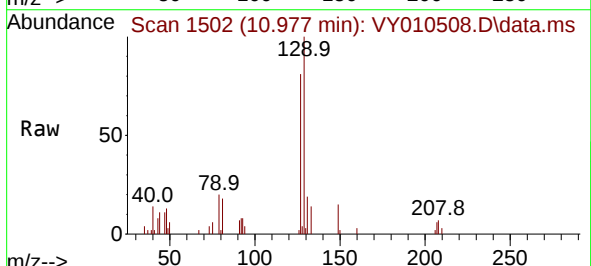
Acq: 15 Sep 2022 14:05

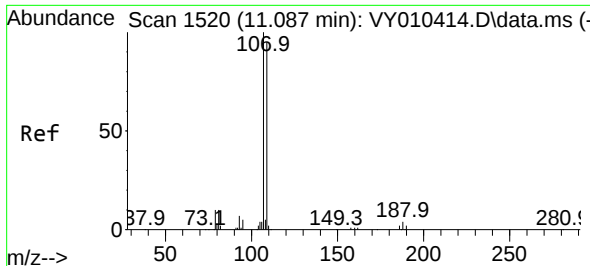
Tgt Ion:129 Resp: 5856

Ion Ratio Lower Upper

129 100

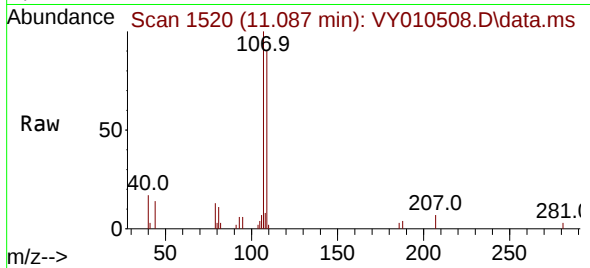
127 81.6 38.7 116.1





#61
1,2-Dibromoethane
Concen: 2.659 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

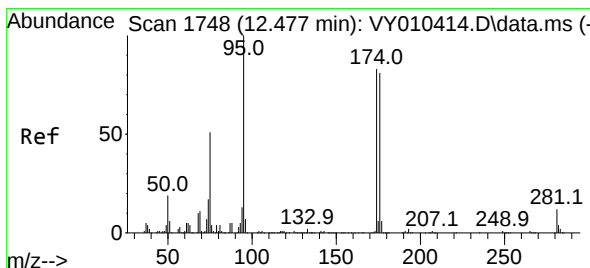
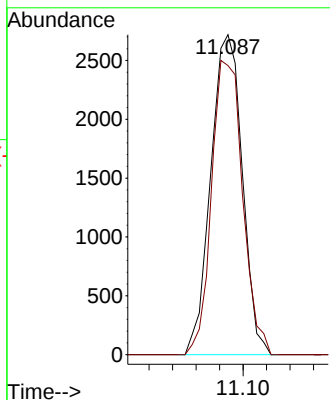
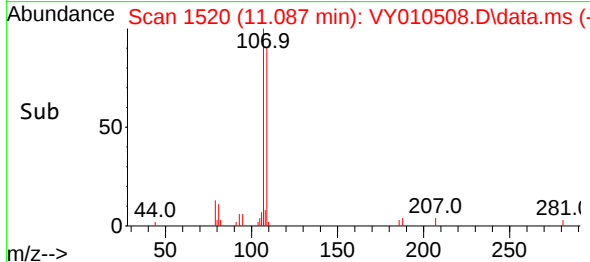
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



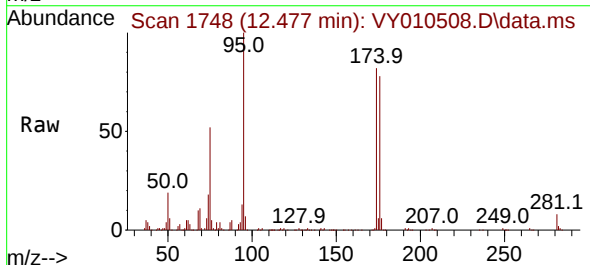
Tgt Ion:107 Resp: 506
Ion Ratio Lower Upper
107 100
109 90.7 75.4 113.2

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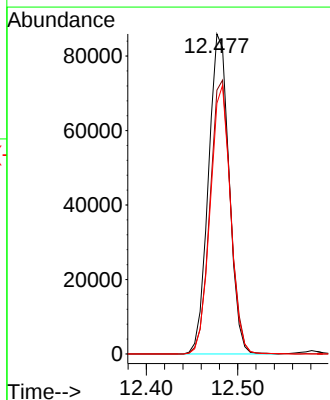
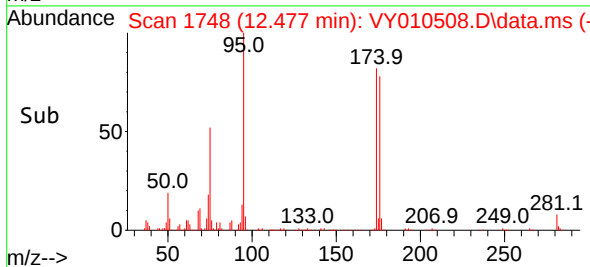
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

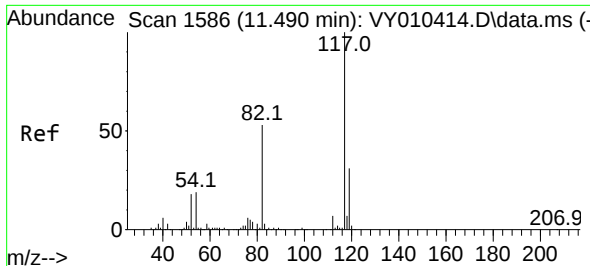


#62
4-Bromofluorobenzene
Concen: 38.090 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05



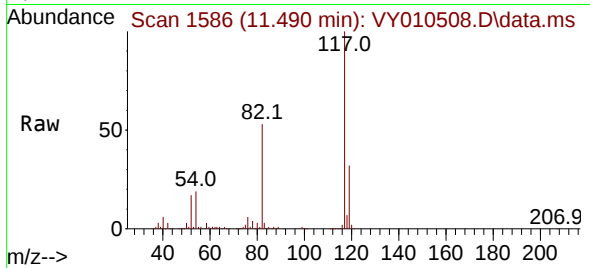
Tgt Ion: 95 Resp: 134738
Ion Ratio Lower Upper
95 100
174 85.4 0.0 177.0
176 82.3 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

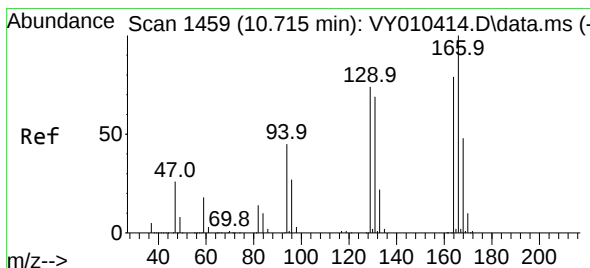
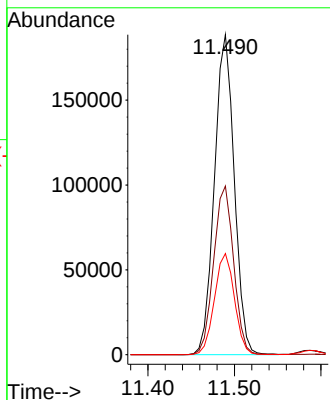
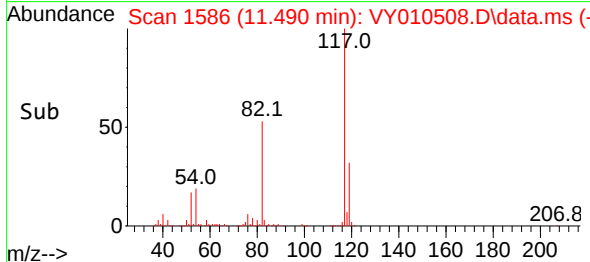
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:117 Resp: 299880
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.6 25.4 38.0

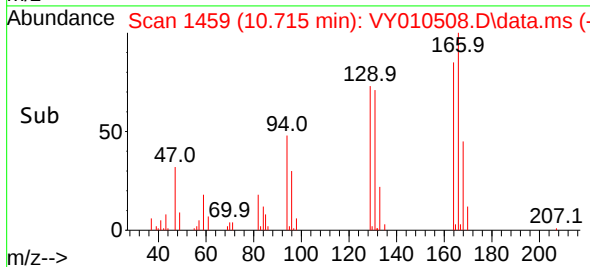
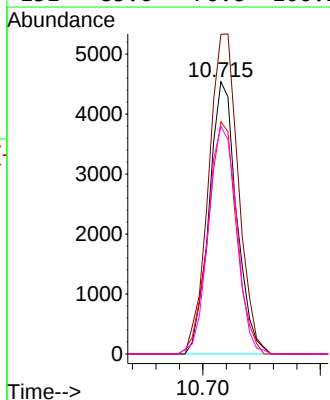
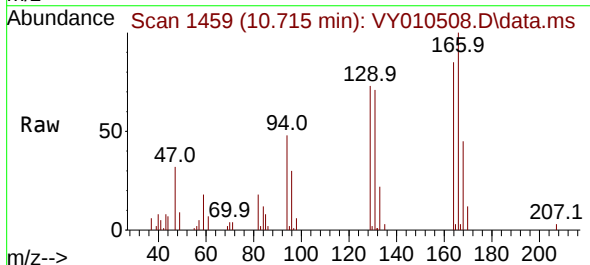
Manual Integrations
APPROVED

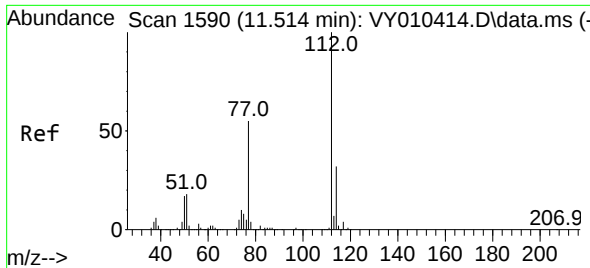
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#64
Tetrachloroethene
Concen: 2.724 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:164 Resp: 7362
Ion Ratio Lower Upper
164 100
166 117.4 100.4 150.6
129 85.3 71.4 107.0
131 83.6 70.8 106.2





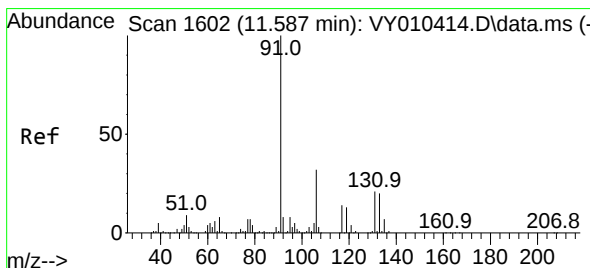
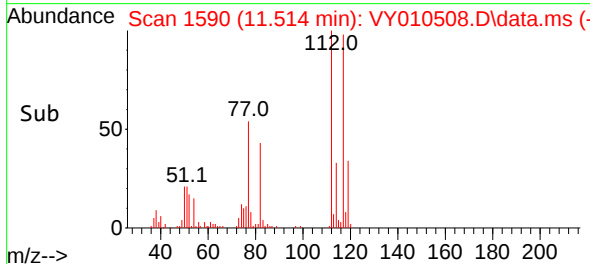
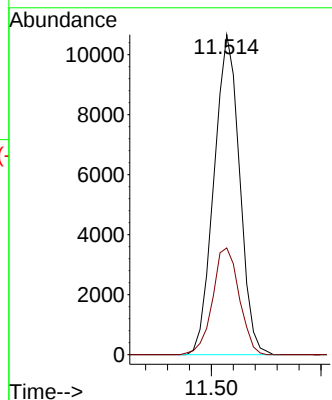
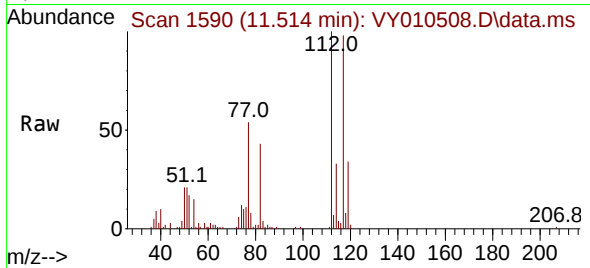
#65
Chlorobenzene
Concen: 2.579 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:112 Resp: 1729
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.6

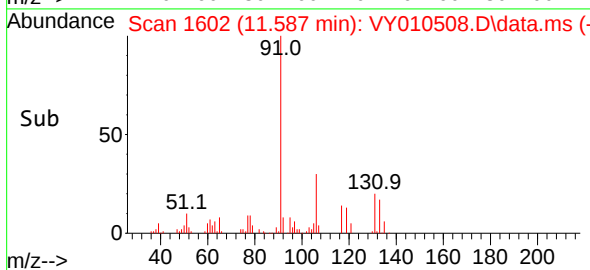
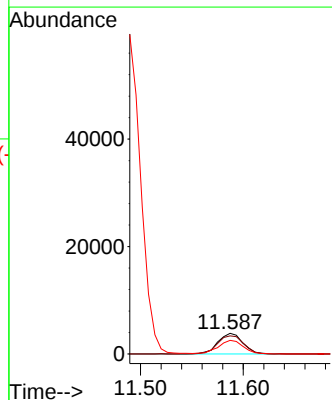
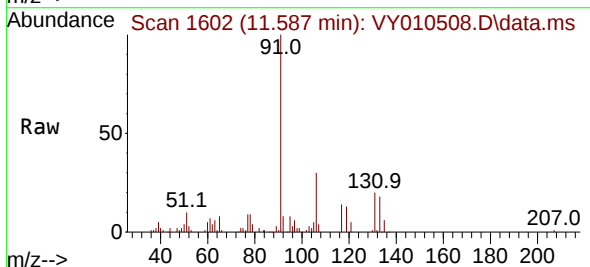
Manual Integrations
APPROVED

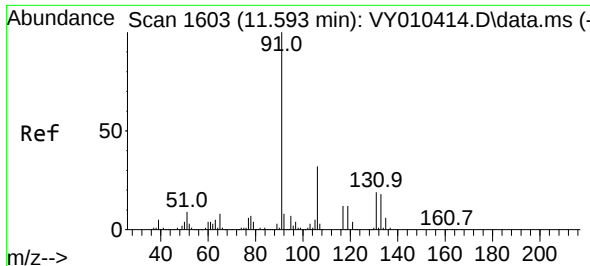
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 2.591 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:131 Resp: 6436
Ion Ratio Lower Upper
131 100
133 93.2 47.9 143.6
119 66.8 30.8 92.3





#67

Ethyl Benzene

Concen: 2.490 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 91 Resp: 2955

Ion Ratio Lower Upper

91 100

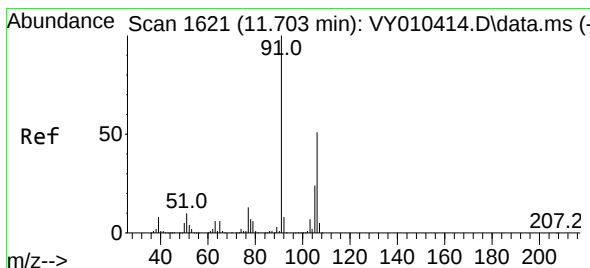
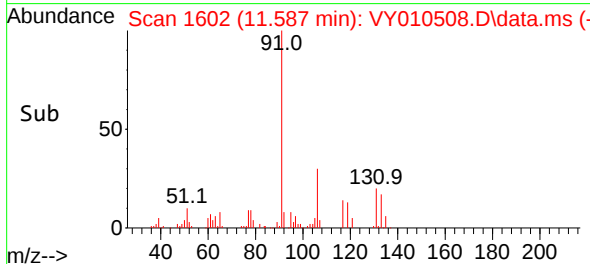
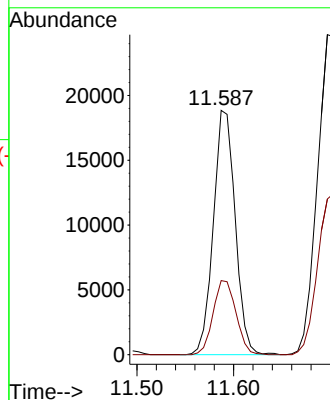
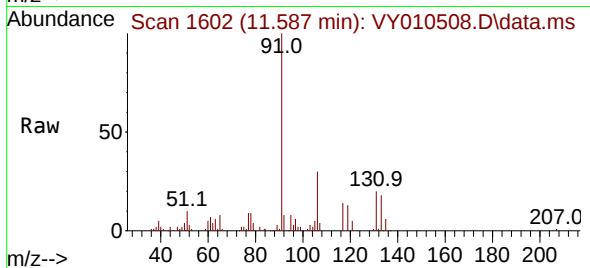
106 30.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#68

m/p-Xylenes

Concen: 4.864 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010508.D

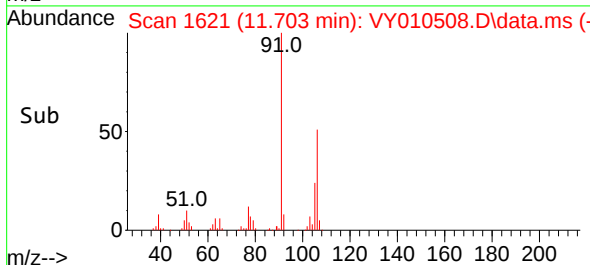
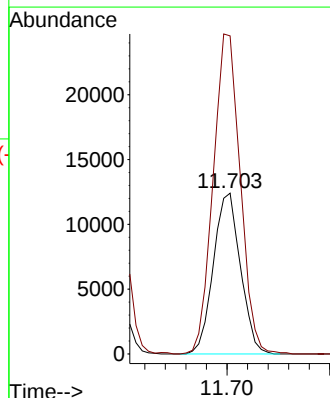
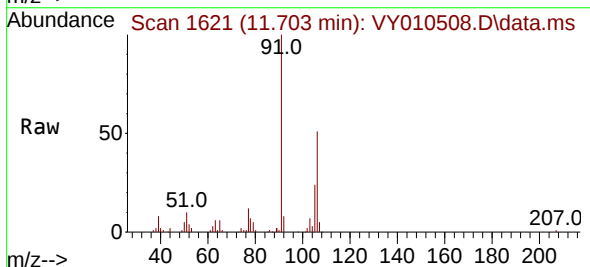
Acq: 15 Sep 2022 14:05

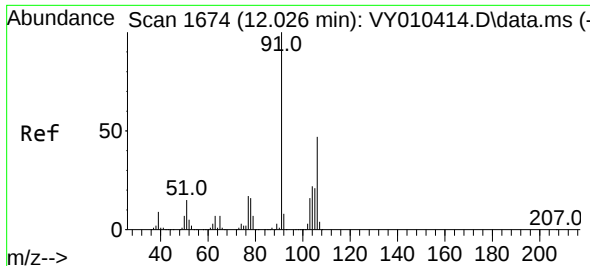
Tgt Ion:106 Resp: 22664

Ion Ratio Lower Upper

106 100

91 199.3 166.6 249.8





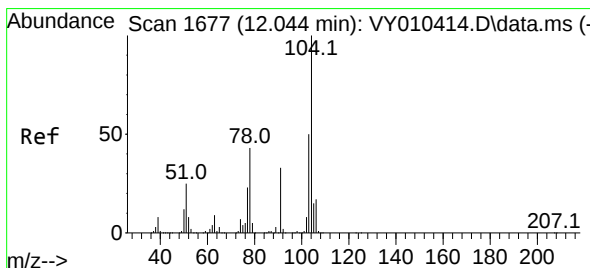
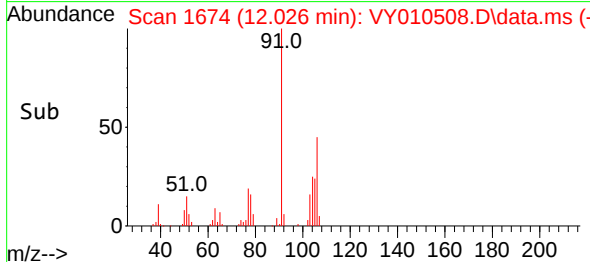
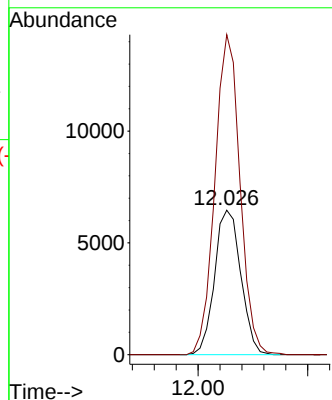
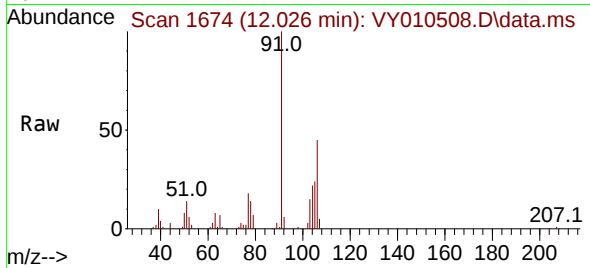
#69
o-Xylene
Concen: 2.411 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:106 Resp: 10729
Ion Ratio Lower Upper
106 100
91 212.3 110.3 331.0

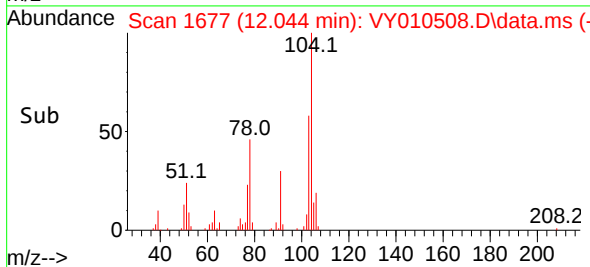
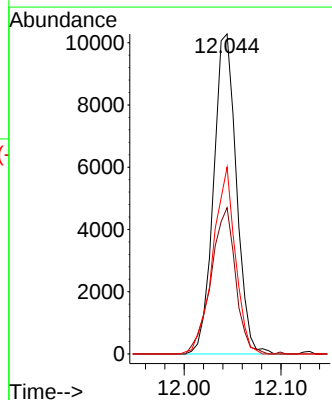
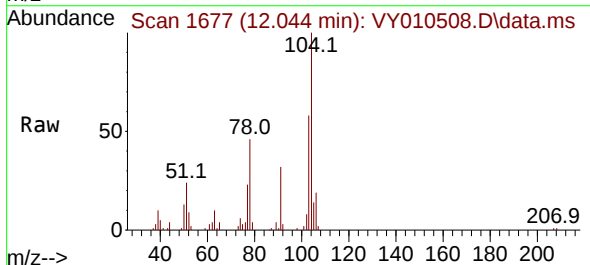
Manual Integrations
APPROVED

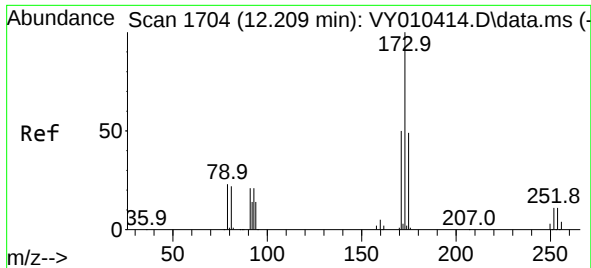
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#70
Styrene
Concen: 2.239 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:104 Resp: 16860
Ion Ratio Lower Upper
104 100
78 48.9 42.4 63.6
103 57.5 44.4 66.6





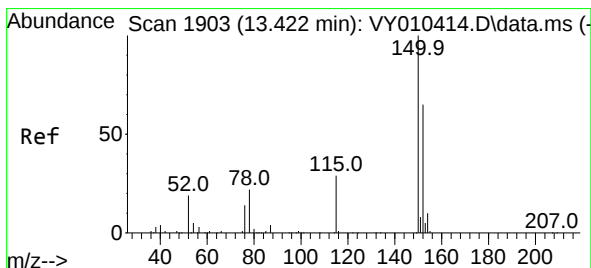
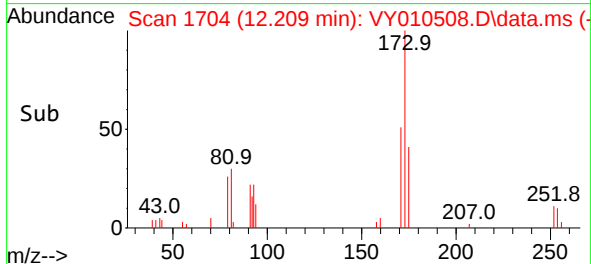
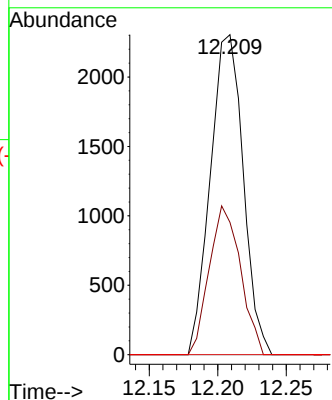
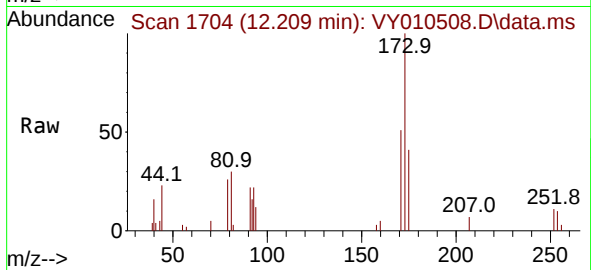
#71
Bromoform
Concen: 2.474 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:173 Resp: 384
Ion Ratio Lower Upper
173 100
175 44.3 24.6 74.0
254 0.0 0.0 0.0

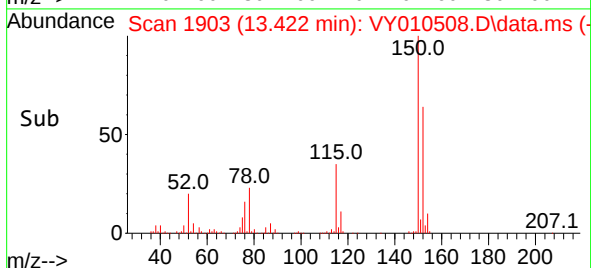
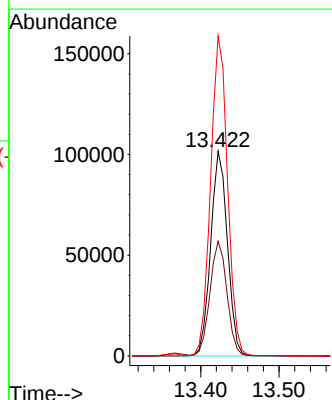
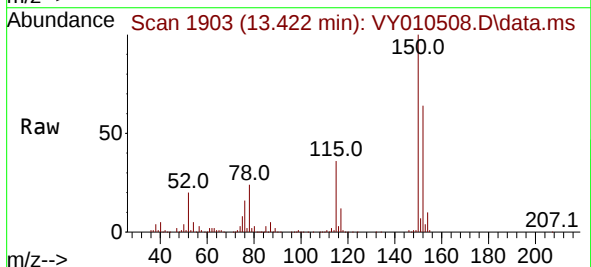
Manual Integrations
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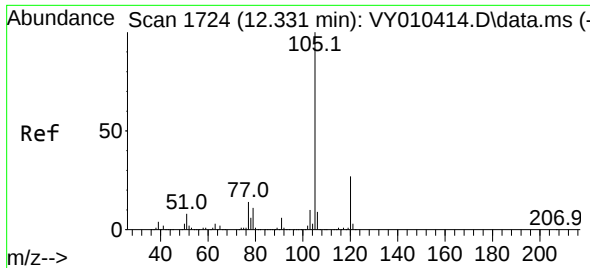
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:152 Resp: 150687
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 158.3 0.0 347.6





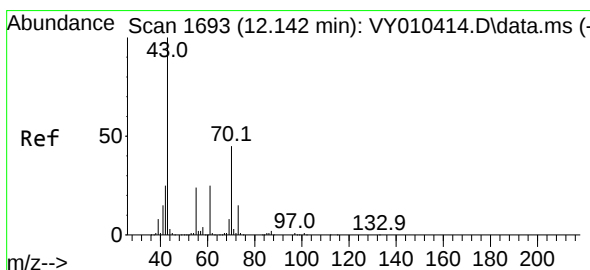
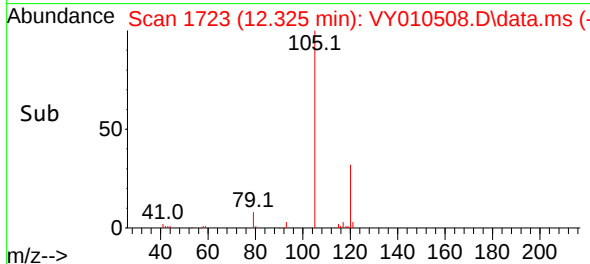
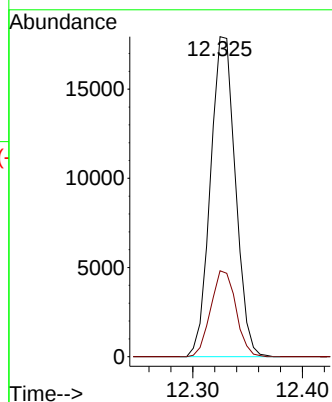
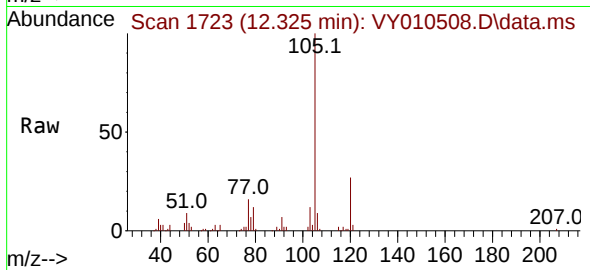
#73
Isopropylbenzene
Concen: 2.416 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:105 Resp: 28410
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

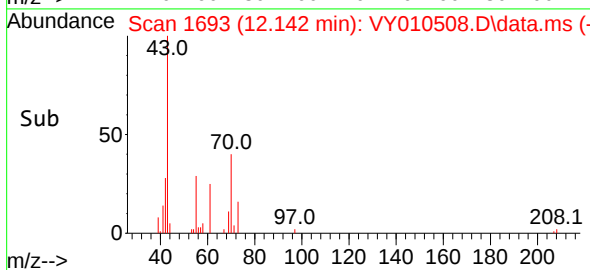
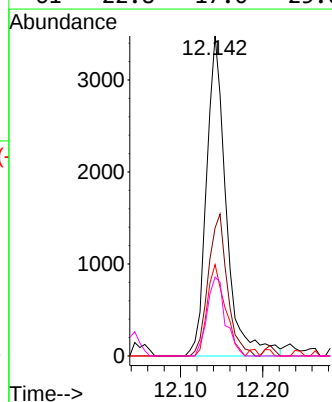
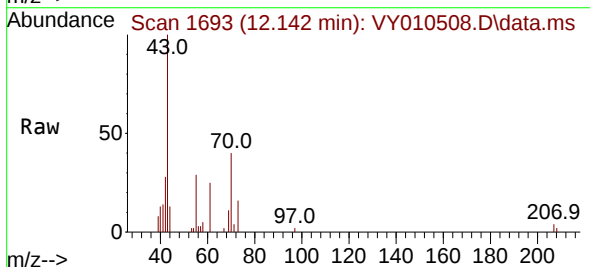
Manual Integrations
APPROVED

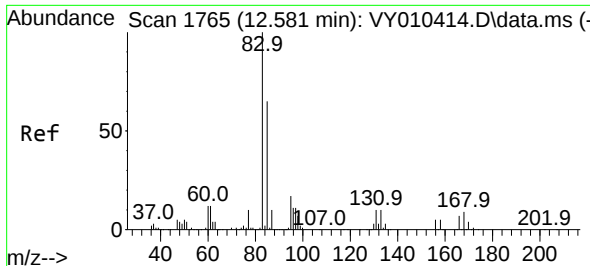
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#74
N-ethyl acetate
Concen: 2.112 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

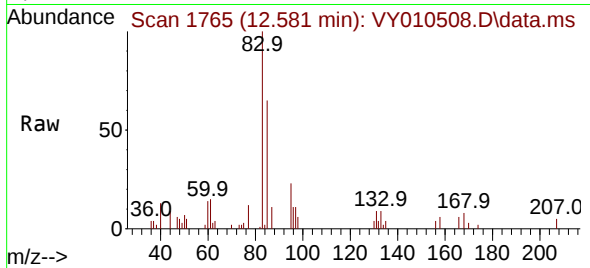
Tgt Ion: 43 Resp: 5793
Ion Ratio Lower Upper
43 100
70 42.9 28.7 43.1
55 25.9 17.3 25.9
61 22.8 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 2.717 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

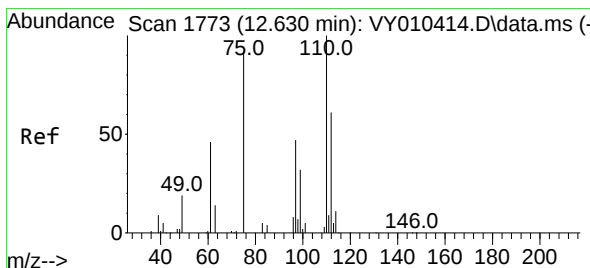
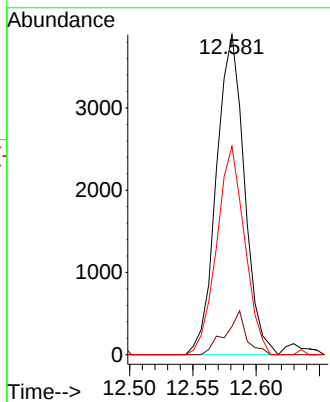
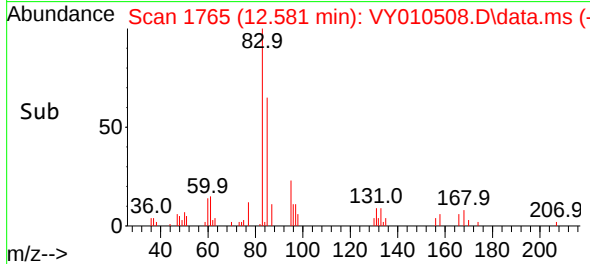
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 83 Resp: 5970
Ion Ratio Lower Upper
83 100
131 10.3 5.6 16.8
85 65.2 32.3 96.8

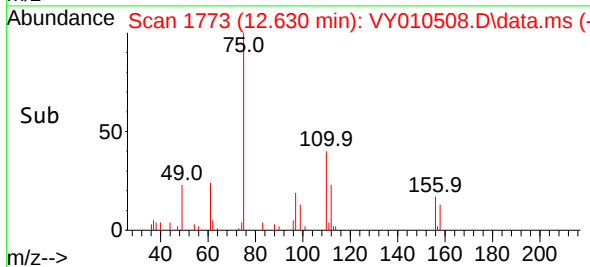
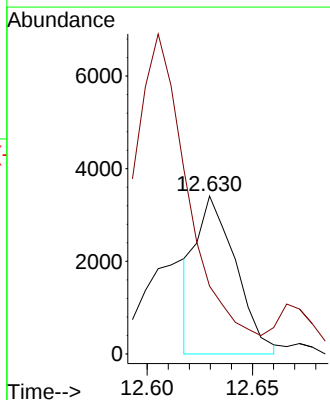
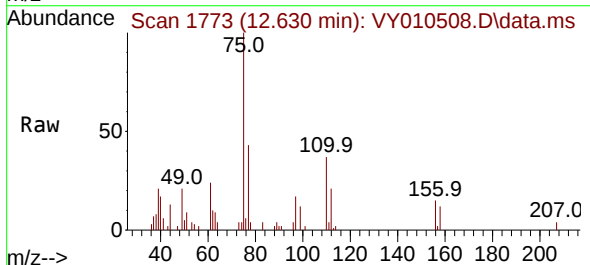
Manual Integrations
APPROVED

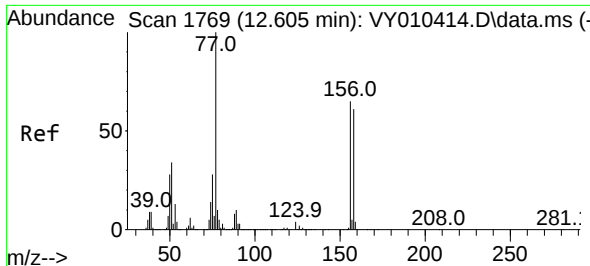
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#76
1,2,3-Trichloropropane
Concen: 2.676 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

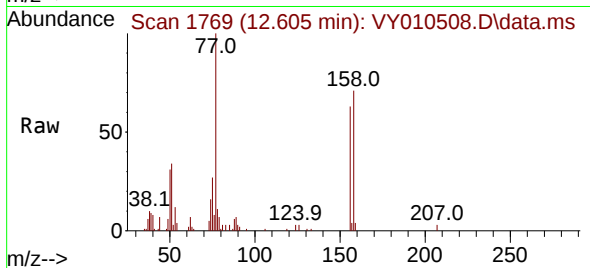
Tgt Ion: 75 Resp: 4451
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 2.561 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

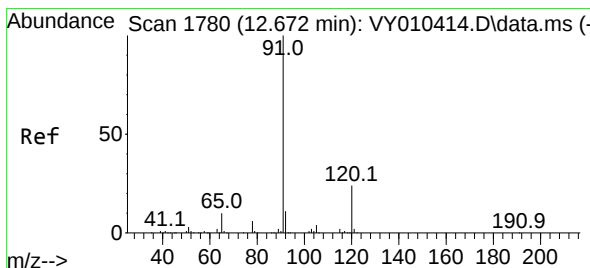
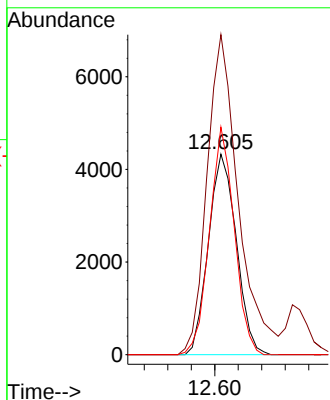
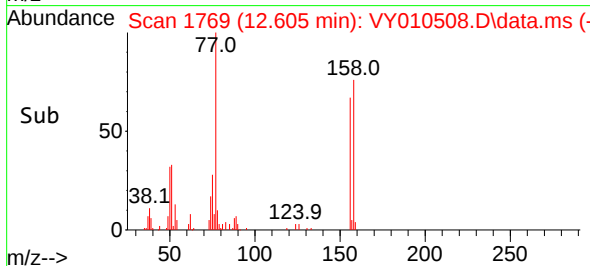
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



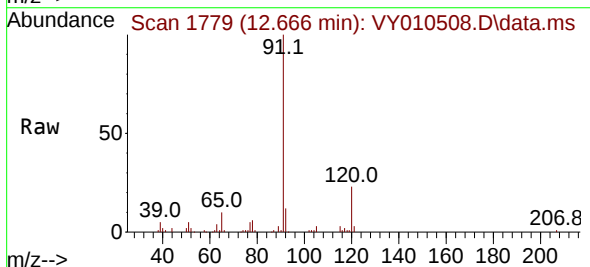
Tgt Ion:156 Resp: 7134
Ion Ratio Lower Upper
156 100
77 179.4 95.5 286.4
158 101.2 48.0 144.0

Manual Integrations
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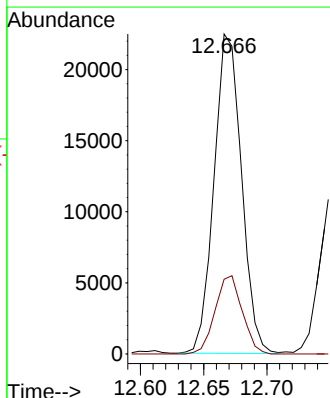
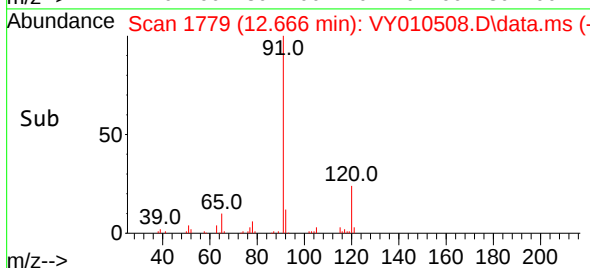
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

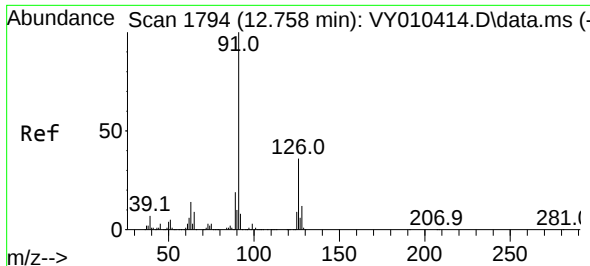


#78
n-propylbenzene
Concen: 2.431 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05



Tgt Ion: 91 Resp: 33850
Ion Ratio Lower Upper
91 100
120 24.2 11.3 33.9





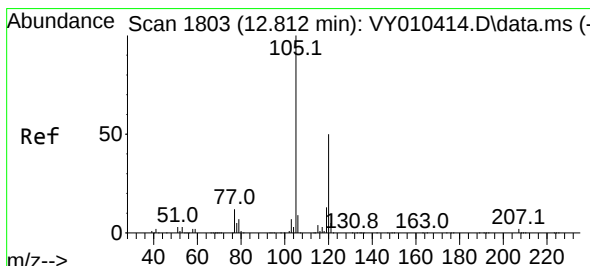
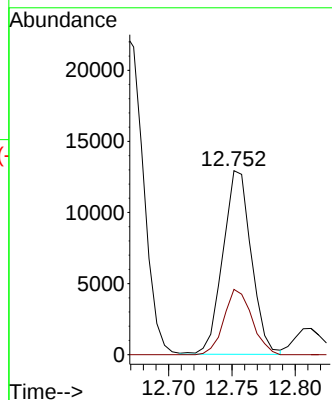
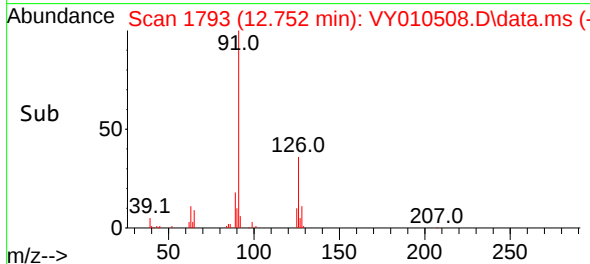
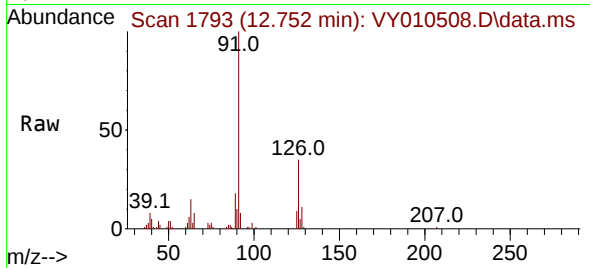
#79
2-Chlorotoluene
Concen: 2.579 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 91 Resp: 20169
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.6

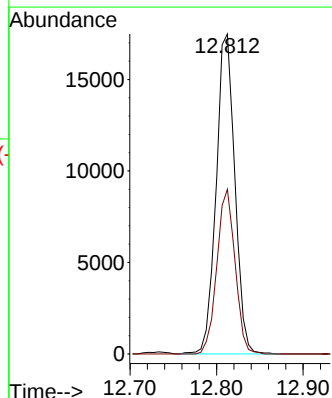
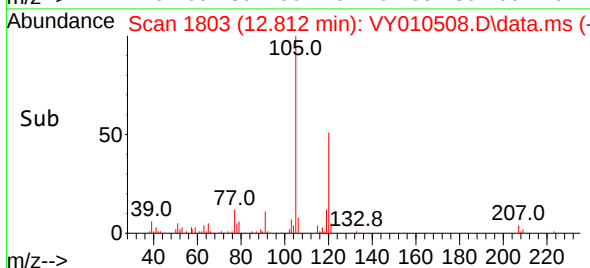
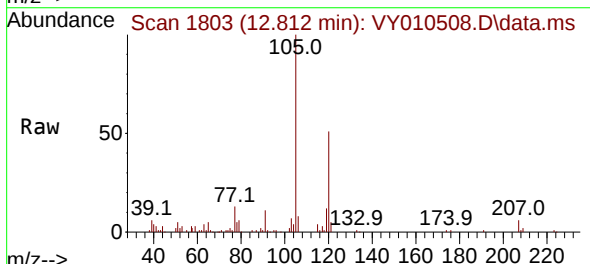
Manual Integrations
APPROVED

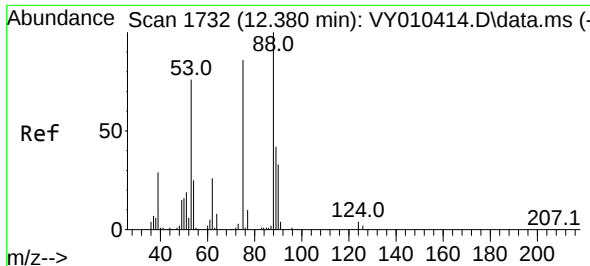
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.642 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

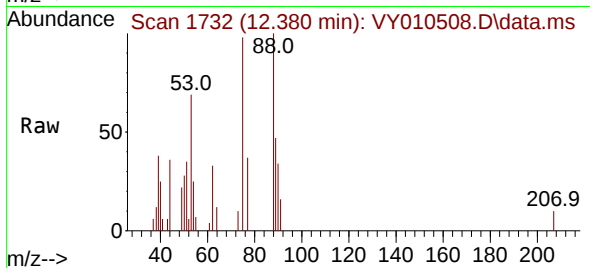
Tgt Ion:105 Resp: 26212
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.298 ug/l m
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

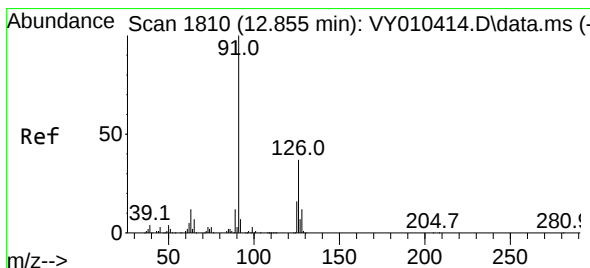
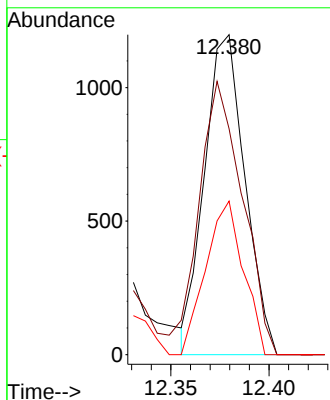
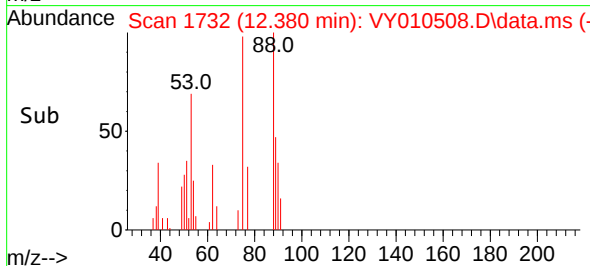
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



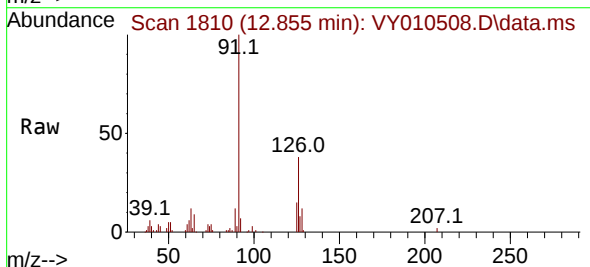
Tgt Ion: 75 Resp: 172
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9
89 2.6 37.0 55.4

Manual Integrations
APPROVED

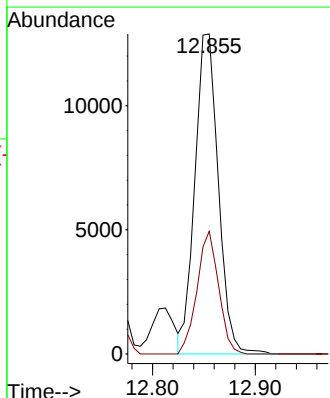
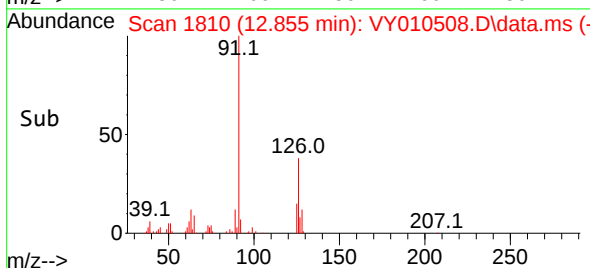
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

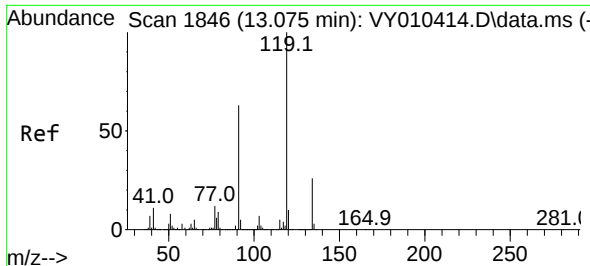


#82
4-Chlorotoluene
Concen: 2.518 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05



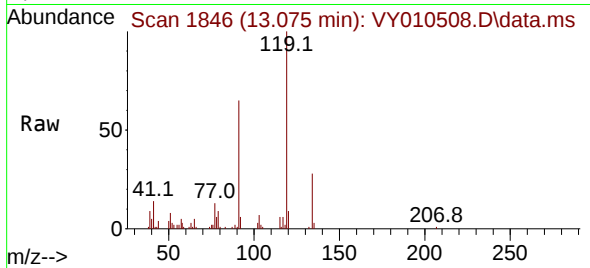
Tgt Ion: 91 Resp: 20488
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0





#83
tert-Butylbenzene
Concen: 2.398 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

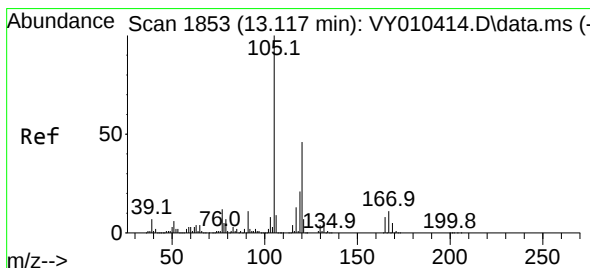
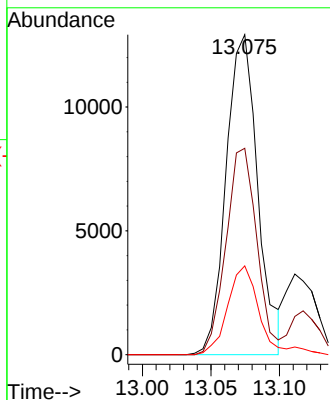
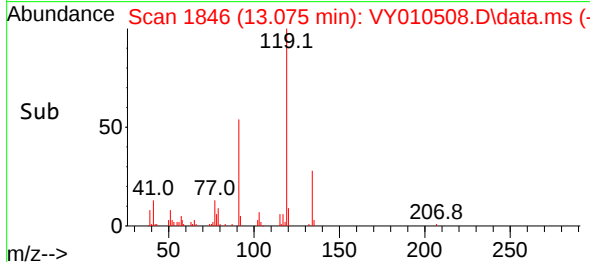
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:119 Resp: 20794
Ion Ratio Lower Upper
119 100
91 63.0 34.8 104.4
134 28.1 13.3 39.9

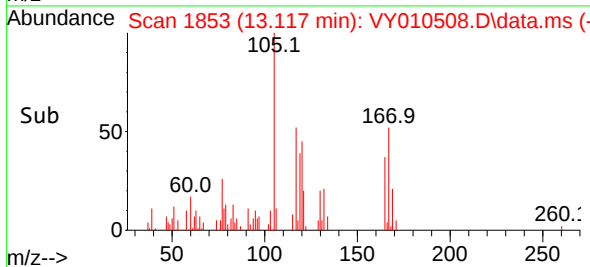
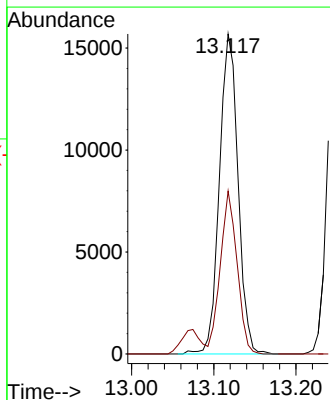
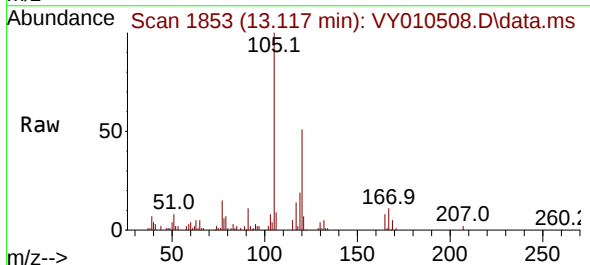
Manual Integrations
APPROVED

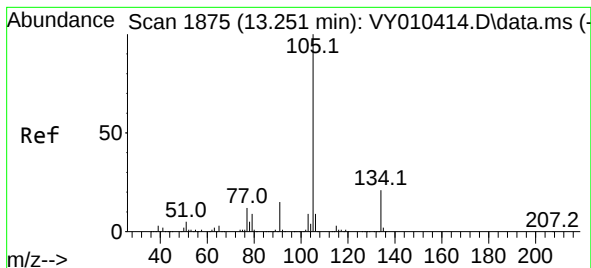
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 2.545 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:105 Resp: 24705
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 2.431 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

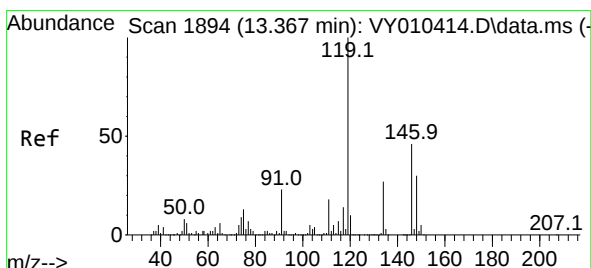
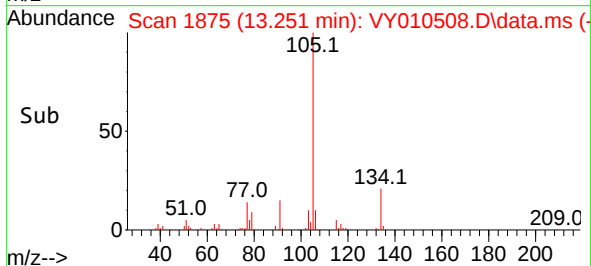
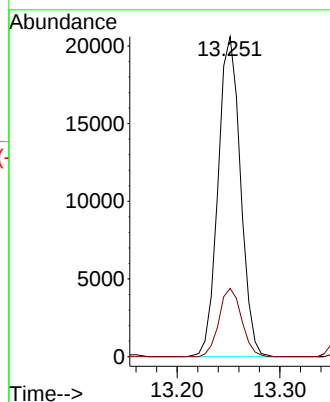
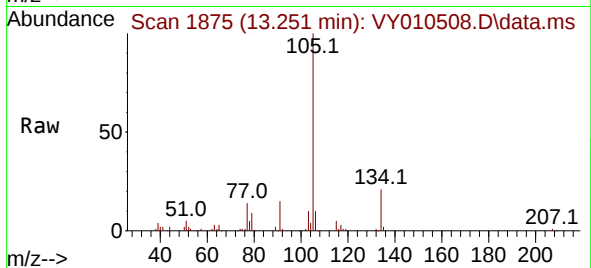
Tgt Ion:105 Resp: 3120
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#86

p-Isopropyltoluene

Concen: 2.344 ug/l

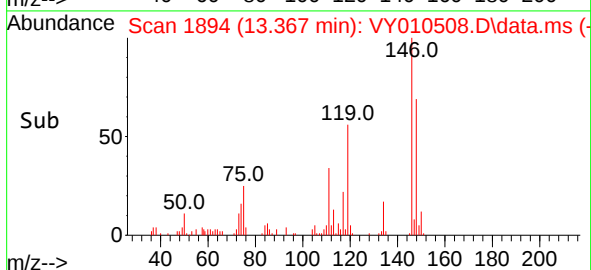
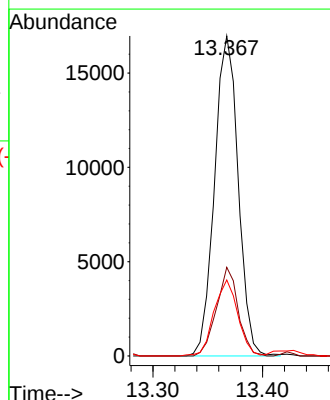
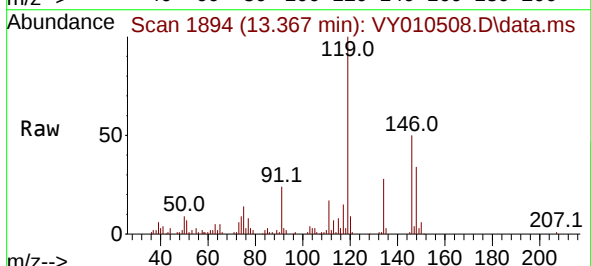
RT: 13.367 min Scan# 1894

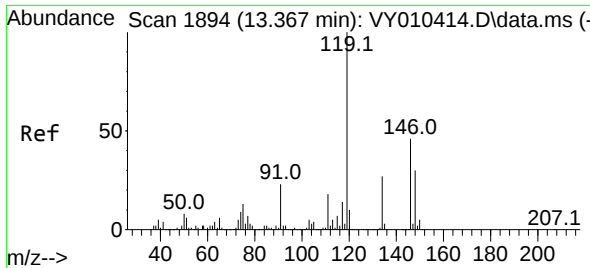
Delta R.T. 0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Tgt Ion:119 Resp: 25455
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 23.9 12.4 37.2





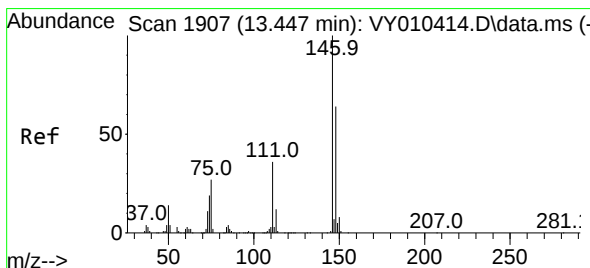
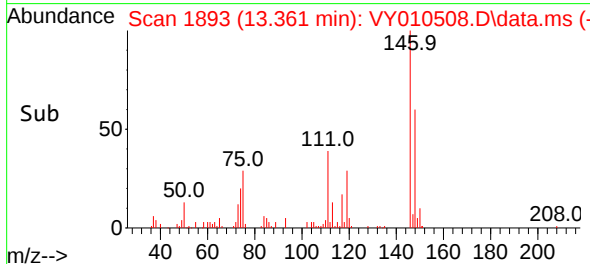
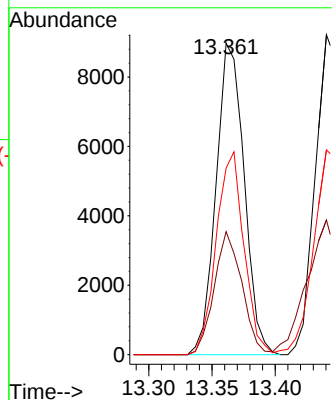
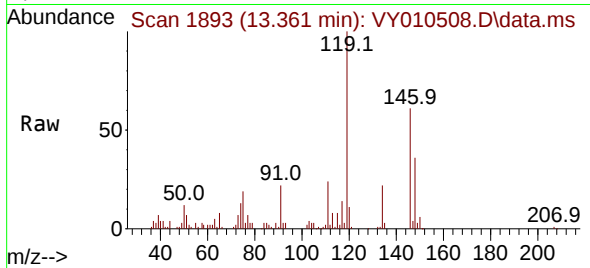
#87
1,3-Dichlorobenzene
Concen: 2.478 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:146 Resp: 1386
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 64.1 31.6 95.0

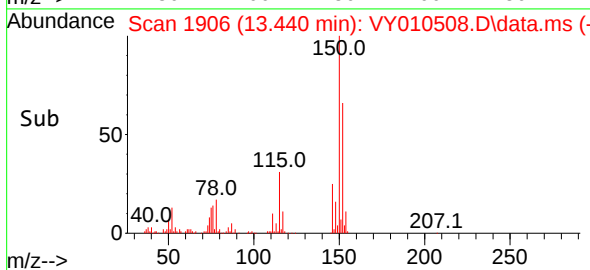
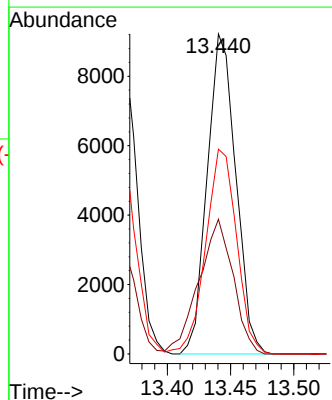
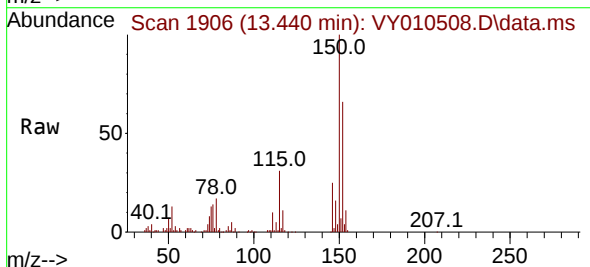
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#88
1,4-Dichlorobenzene
Concen: 2.616 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.007 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

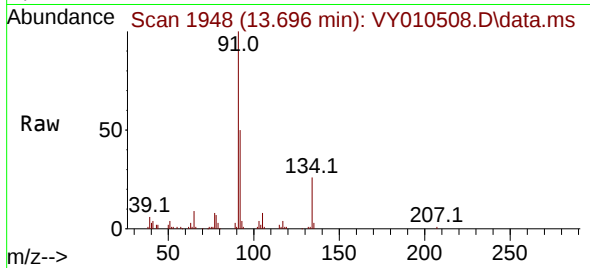
Tgt Ion:146 Resp: 14494
Ion Ratio Lower Upper
146 100
111 50.5 19.3 57.8
148 69.3 32.6 97.8





#89
n-Butylbenzene
Concen: 2.425 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

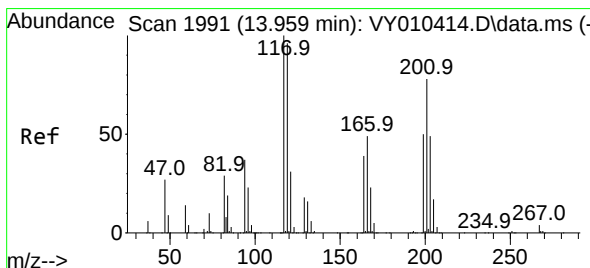
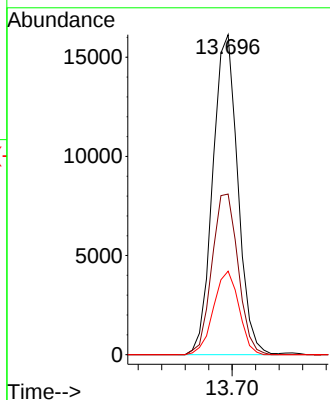
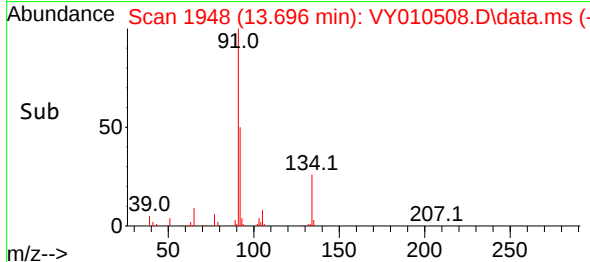
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 91 Resp: 23908
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 26.5 13.0 38.9

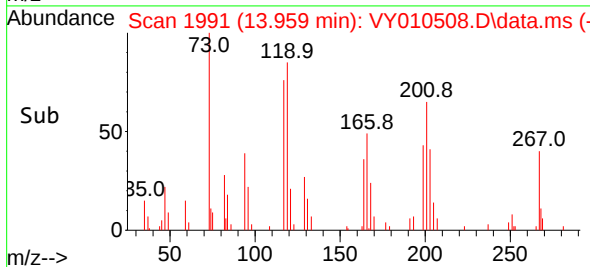
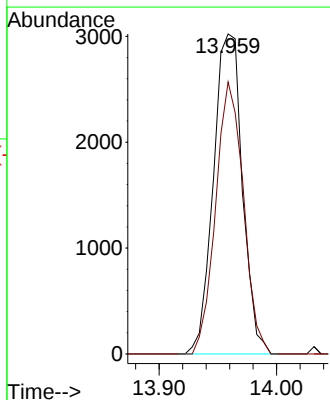
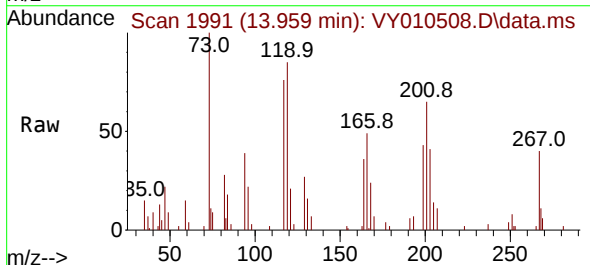
Manual Integrations
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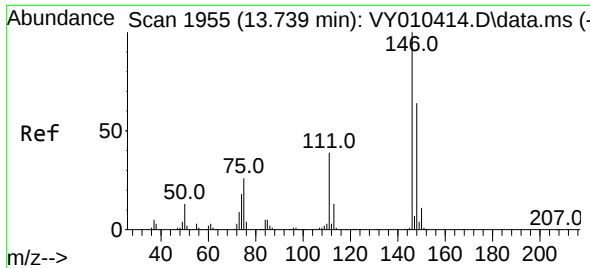
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#90
Hexachloroethane
Concen: 2.543 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

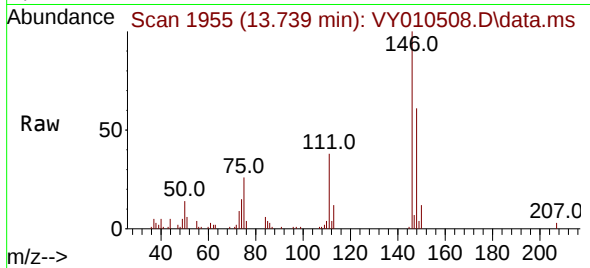
Tgt Ion:117 Resp: 5185
Ion Ratio Lower Upper
117 100
201 81.4 43.0 128.8





#91
1,2-Dichlorobenzene
Concen: 2.547 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

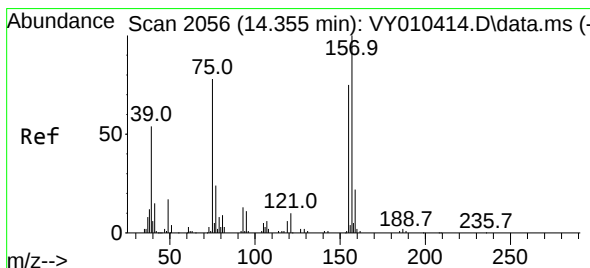
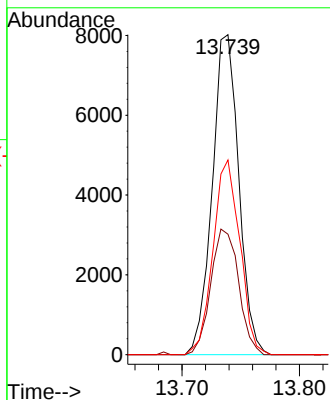
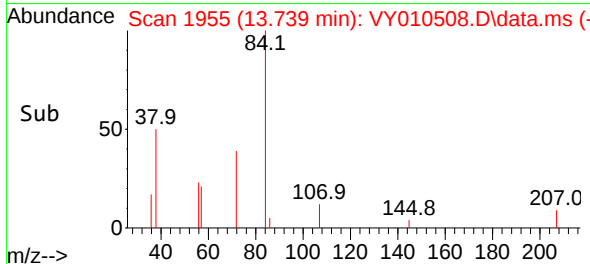
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



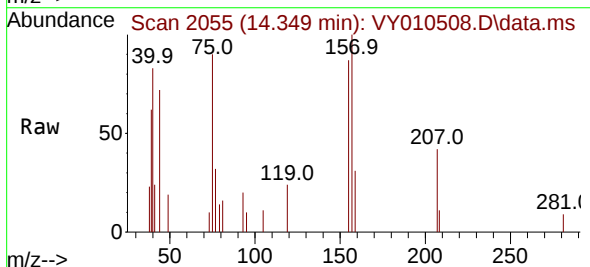
Tgt Ion:146 Resp: 12619
Ion Ratio Lower Upper
146 100
111 41.2 20.3 60.9
148 61.3 32.3 96.9

Manual Integrations
APPROVED

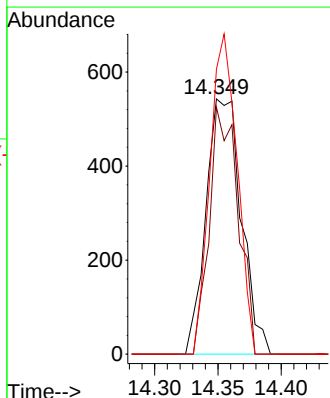
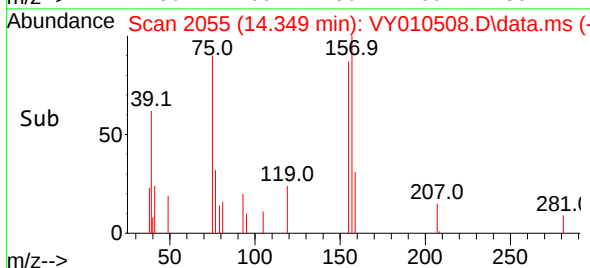
Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

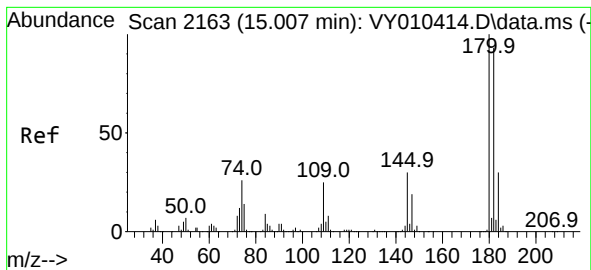


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.850 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05



Tgt Ion: 75 Resp: 1058
Ion Ratio Lower Upper
75 100
155 78.5 38.0 113.9
157 96.5 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 2.232 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

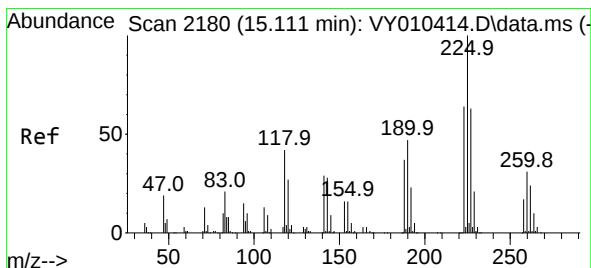
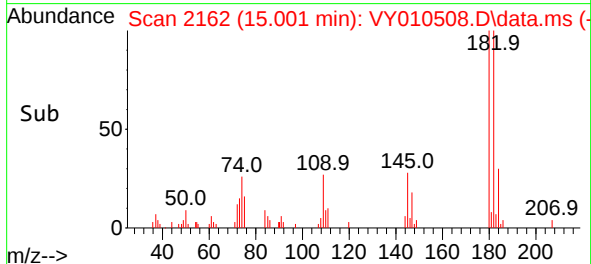
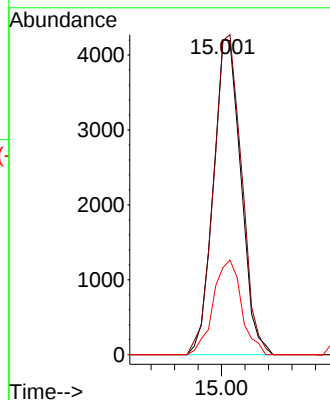
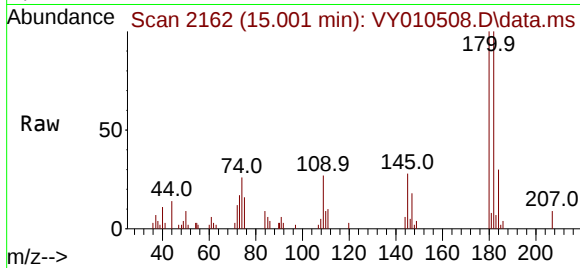
Tgt Ion:180	Resp: 686
Ion Ratio	Lower Upper
180 100	
182 102.8	47.3 141.9
145 30.6	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#94

Hexachlorobutadiene

Concen: 2.568 ug/l

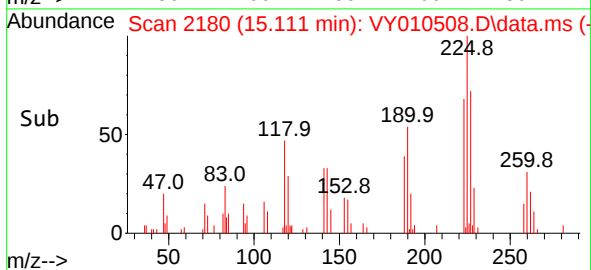
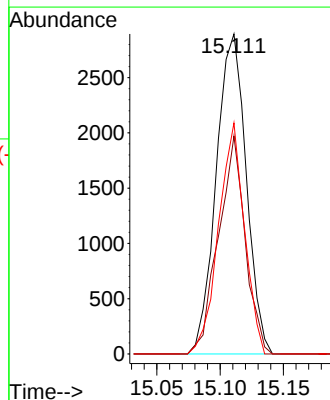
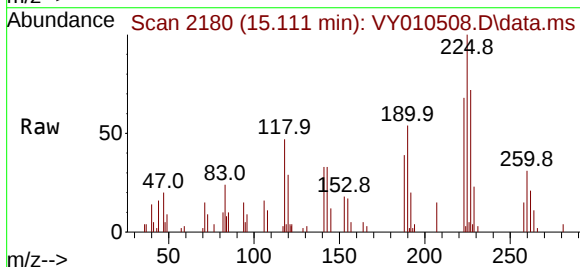
RT: 15.111 min Scan# 2180

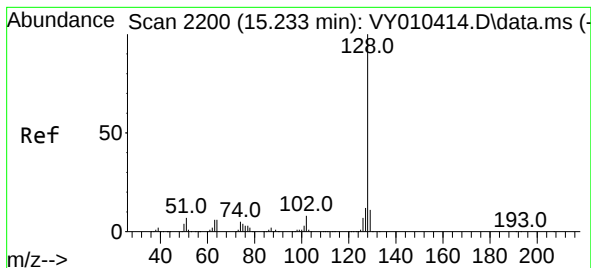
Delta R.T. -0.000 min

Lab File: VY010508.D

Acq: 15 Sep 2022 14:05

Tgt Ion:225	Resp: 4769
Ion Ratio	Lower Upper
225 100	
223 60.7	30.8 92.3
227 62.3	31.6 94.7





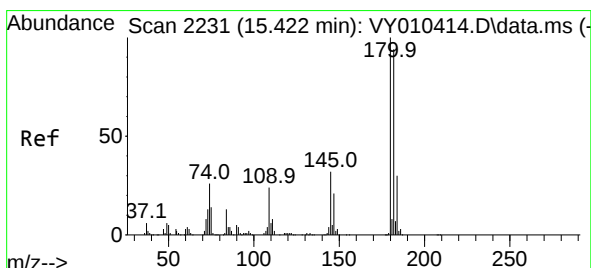
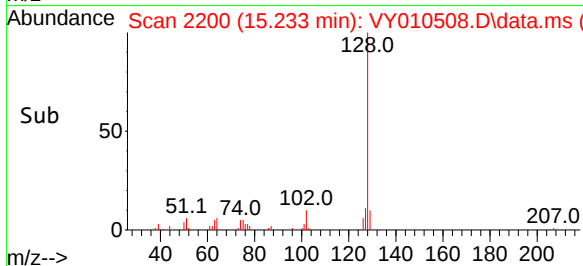
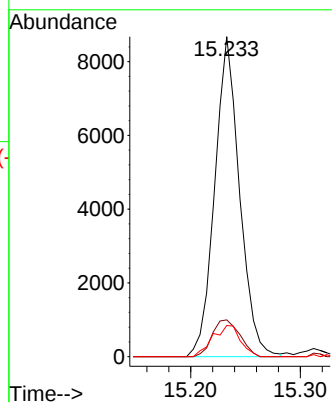
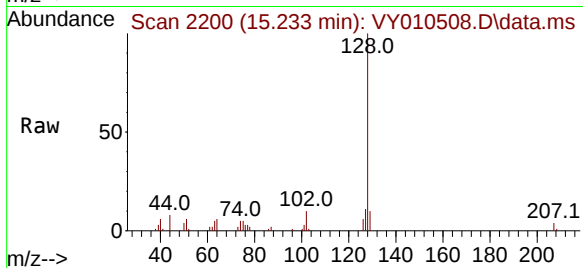
#95
Naphthalene
Concen: 2.251 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:128 Resp: 1366
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.235 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010508.D
Acq: 15 Sep 2022 14:05

Tgt Ion:180 Resp: 6005
Ion Ratio Lower Upper
180 100
182 96.8 47.3 141.9
145 32.6 15.3 45.9

