

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101722\
 Data File : VY010978.D
 Acq On : 17 Oct 2022 18:29
 Operator : KP/MD
 Sample : N4955-03 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2022

Quant Time: Oct 18 02:00:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:59:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	272584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	460140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	407372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	192399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126612	53.398	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.800%			
35) Dibromofluoromethane	7.716	113	125378	48.831	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.660%			
50) Toluene-d8	10.179	98	454302	48.761	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.520%			
62) 4-Bromofluorobenzene	12.477	95	155852	45.519	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	5102	2.069	ug/l	95
3) Chloromethane	2.113	50	8308	1.797	ug/l	99
4) Vinyl Chloride	2.247	62	8445	1.985	ug/l	91
5) Bromomethane	2.650	94	7041	1.752	ug/l	100
6) Chloroethane	2.790	64	5618	2.171	ug/l	99
7) Trichlorofluoromethane	3.119	101	11648	2.372	ug/l	94
8) Diethyl Ether	3.521	74	4542	2.596	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	7421	2.430	ug/l	93
10) Methyl Iodide	4.082	142	9314	3.928	ug/l	89
11) Tert butyl alcohol	4.924	59	8932	10.841	ug/l #	85
12) 1,1-Dichloroethene	3.869	96	7231	2.509	ug/l	90
13) Acrolein	3.723	56	5445	10.224	ug/l	92
14) Allyl chloride	4.473	41	11162	2.838	ug/l #	88
15) Acrylonitrile	5.161	53	11530	11.342	ug/l	98
16) Acetone	3.942	43	10522	3.696	ug/l #	87
17) Carbon Disulfide	4.192	76	22792	1.931	ug/l	98
18) Methyl Acetate	4.473	43	9255	1.795	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	18703	2.974	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	8168	2.356	ug/l	95
22) Diisopropyl ether	6.106	45	21692	2.254	ug/l	97
23) Vinyl Acetate	6.058	43	56628	14.207	ug/l #	90
24) 1,1-Dichloroethane	6.015	63	14199	2.389	ug/l	98
25) 2-Butanone	6.984	43	15743	10.193	ug/l	96
26) 2,2-Dichloropropane	6.972	77	14003	2.901	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	9138	2.760	ug/l	93
28) Bromochloromethane	7.332	49	4466	5.730	ug/l #	81
29) Tetrahydrofuran	7.344	42	9030	10.620	ug/l #	86
30) Chloroform	7.502	83	14561	2.421	ug/l	99
31) Cyclohexane	7.783	56	16674	2.628	ug/l #	48
32) 1,1,1-Trichloroethane	7.698	97	12391	2.749	ug/l	96
36) 1,1-Dichloropropene	7.911	75	11234	2.669	ug/l	96
37) Ethyl Acetate	7.070	43	6882	2.823	ug/l #	94
38) Carbon Tetrachloride	7.899	117	11167	2.759	ug/l	99
39) Methylcyclohexane	9.179	83	13024	3.315	ug/l	93
40) Benzene	8.155	78	34010	2.534	ug/l	98
41) Methacrylonitrile	7.307	41	2683	4.983	ug/l #	1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.234	62	9789	2.588	ug/l	93
43) Isopropyl Acetate	8.271	43	10282	3.140	ug/l #	87
44) Trichloroethene	8.935	130	8820	2.791	ug/l	88
45) 1,2-Dichloropropane	9.209	63	8459	2.753	ug/l	100
46) Dibromomethane	9.301	93	4665	2.798	ug/l	98
47) Bromodichloromethane	9.496	83	11104	3.048	ug/l	93
48) Methyl methacrylate	9.289	41	4678	3.580	ug/l #	83
49) 1,4-Dioxane	9.295	88	1076	52.448	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	28510	13.035	ug/l	90
52) Toluene	10.240	92	20591	2.917	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	10995	3.348	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	12615	3.028	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	6825	2.677	ug/l	98
56) Ethyl methacrylate	10.508	69	7936	3.802	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	11533	2.515	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	18707	27.303	ug/l	98
59) 2-Hexanone	10.831	43	18376	12.602	ug/l	88
60) Dibromochloromethane	10.984	129	7502	2.724	ug/l	98
61) 1,2-Dibromoethane	11.087	107	6455	2.667	ug/l	99
64) Tetrachloroethene	10.721	164	8691	2.301	ug/l	95
65) Chlorobenzene	11.514	112	22061	2.478	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	7731	2.693	ug/l	95
67) Ethyl Benzene	11.593	91	37265	3.019	ug/l	92
68) m/p-Xylenes	11.703	106	27617	5.702	ug/l	96
69) o-Xylene	12.026	106	12769	3.149	ug/l	97
70) Styrene	12.044	104	21229	3.046	ug/l	96
71) Bromoform	12.203	173	4966	3.179	ug/l #	99
73) Isopropylbenzene	12.325	105	33449	3.202	ug/l	99
74) N-amyl acetate	12.142	43	8144	3.913	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	8166	2.894	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	4757m	2.127	ug/l	
77) Bromobenzene	12.605	156	9080	3.264	ug/l	99
78) n-propylbenzene	12.672	91	43476	2.933	ug/l	100
79) 2-Chlorotoluene	12.758	91	24421	3.129	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	27911	2.678	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	2529	3.766	ug/l #	85
82) 4-Chlorotoluene	12.855	91	25587	2.852	ug/l	98
83) tert-Butylbenzene	13.075	119	24078	3.277	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	27071	2.786	ug/l	100
85) sec-Butylbenzene	13.251	105	36850	2.666	ug/l	100
86) p-Isopropyltoluene	13.367	119	29543	2.949	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	17296	2.789	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	18103	2.604	ug/l	89
89) n-Butylbenzene	13.696	91	29104	2.923	ug/l	99
90) Hexachloroethane	13.959	117	6561	2.822	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	16034	2.613	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1201	2.636	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	8815	3.680	ug/l	96
94) Hexachlorobutadiene	15.111	225	5775	2.730	ug/l	97
95) Naphthalene	15.233	128	16628	4.378	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	7528	3.353	ug/l	96

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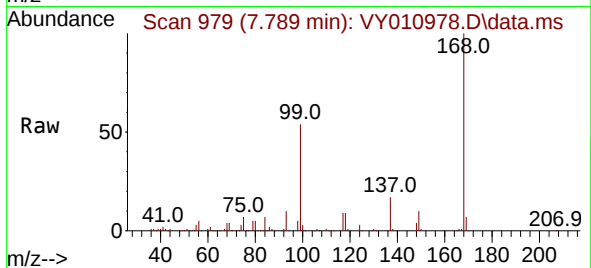
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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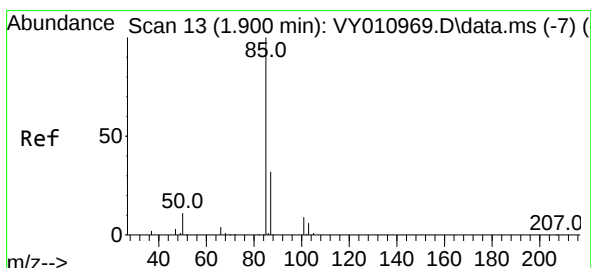
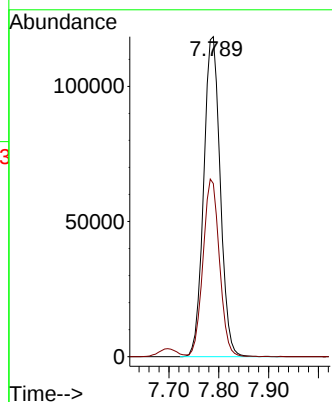
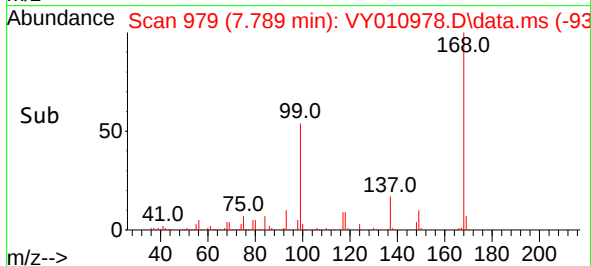
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion:168 Resp: 272584
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3

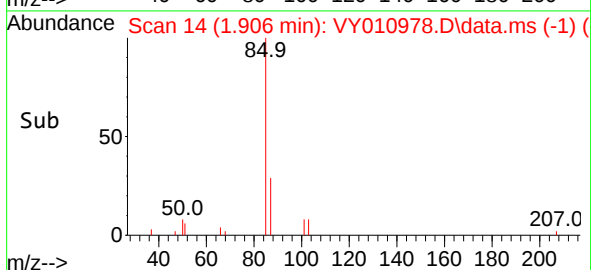
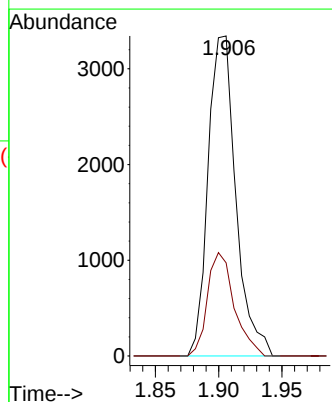
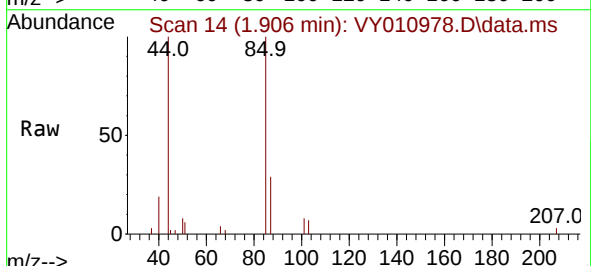
Manual Integrations
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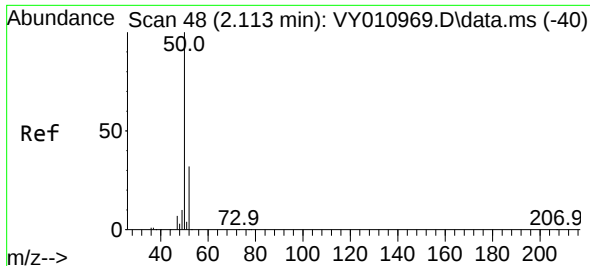
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#2
Dichlorodifluoromethane
Concen: 2.069 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

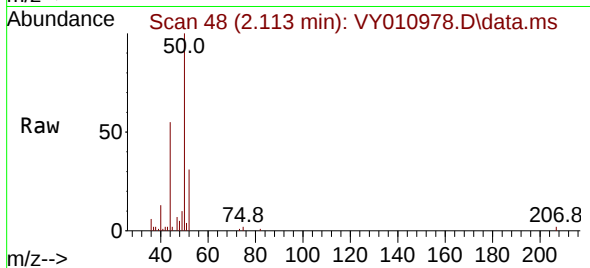
Tgt Ion: 85 Resp: 5102
Ion Ratio Lower Upper
85 100
87 29.1 16.1 48.2





#3
Chloromethane
Concen: 1.797 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

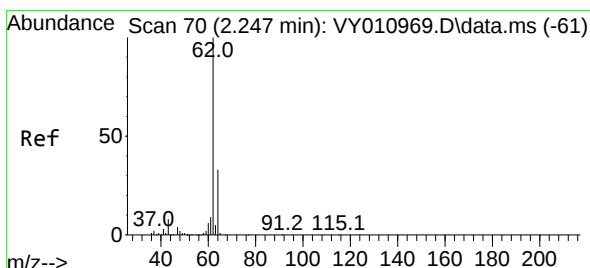
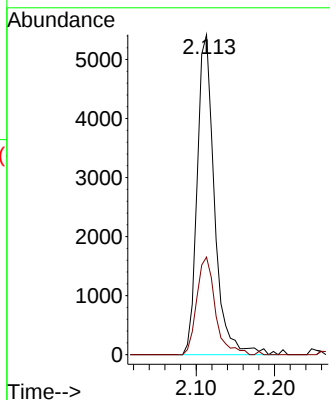
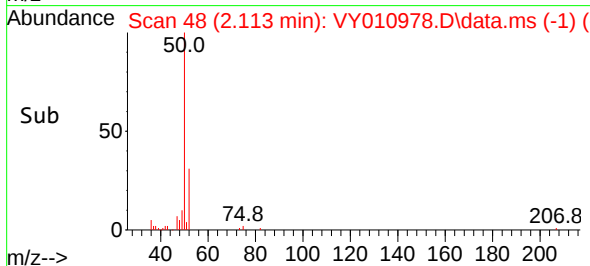
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Tgt Ion: 50 Resp: 8308
Ion Ratio Lower Upper
50 100
52 30.5 24.6 37.0

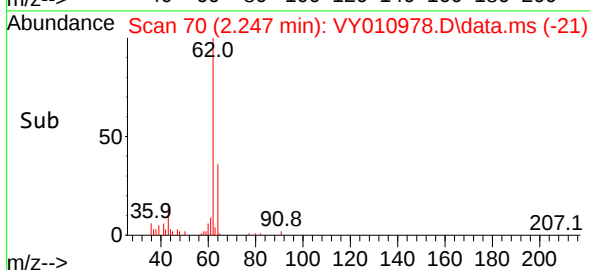
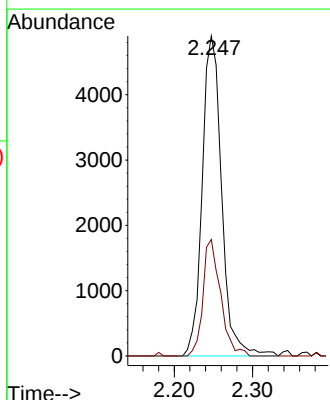
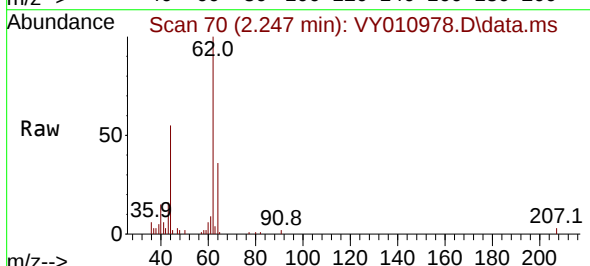
Manual Integrations
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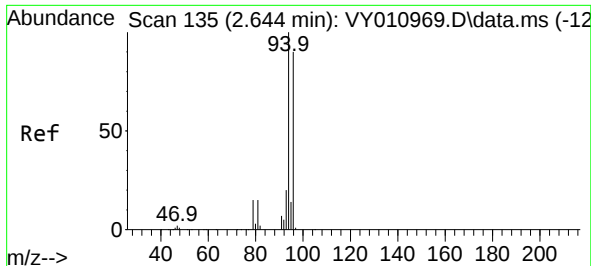
Reviewed By :Krupa Patel 10/18/2022
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#4
Vinyl Chloride
Concen: 1.985 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010978.D
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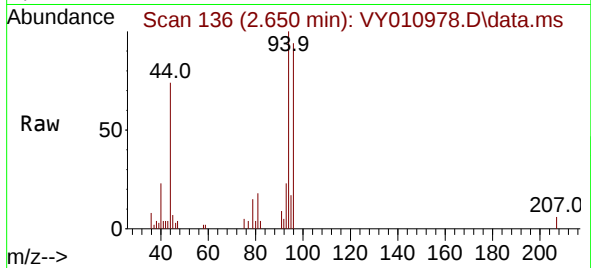
Tgt Ion: 62 Resp: 8445
Ion Ratio Lower Upper
62 100
64 36.4 25.0 37.6





#5
Bromomethane
Concen: 1.752 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

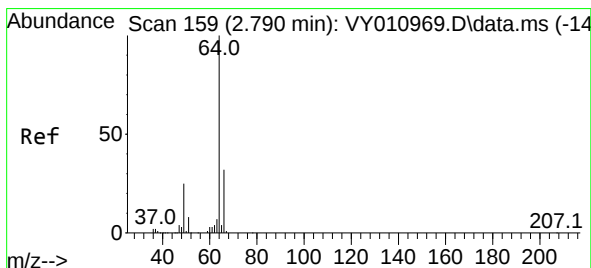
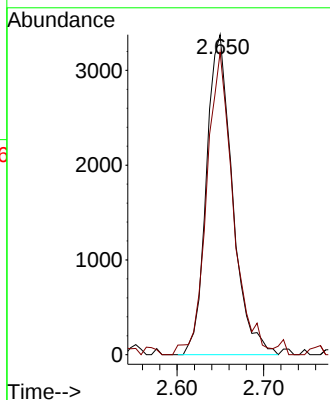
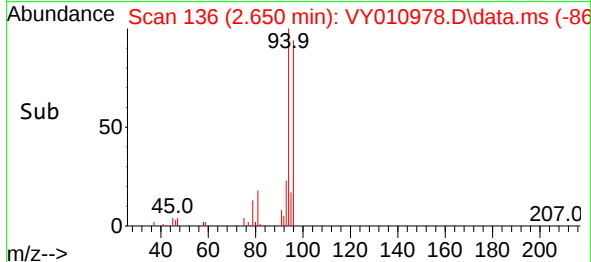
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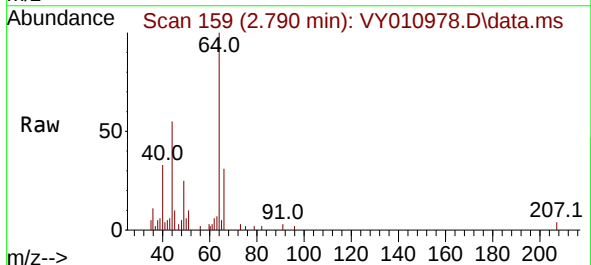
Tgt Ion: 94 Resp: 704
Ion Ratio Lower Upper
94 100
96 91.8 73.5 110.3

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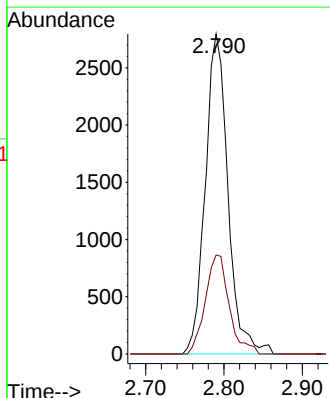
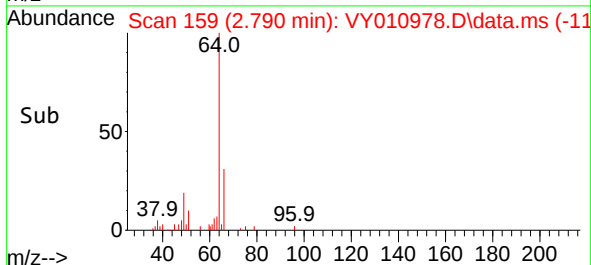
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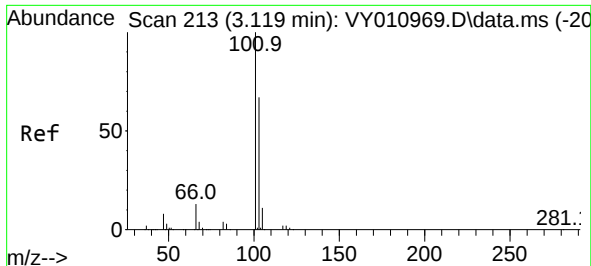


#6
Chloroethane
Concen: 2.171 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY010978.D
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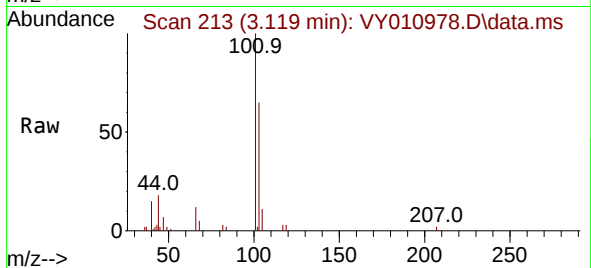
Tgt Ion: 64 Resp: 5618
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0





#7
Trichlorofluoromethane
Concen: 2.372 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY010978.D
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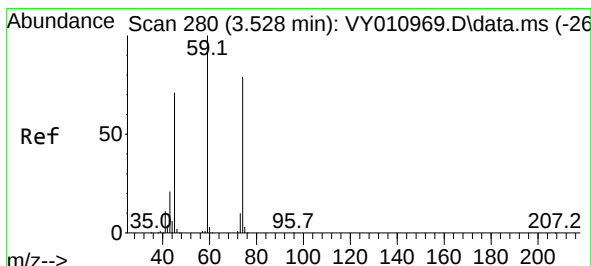
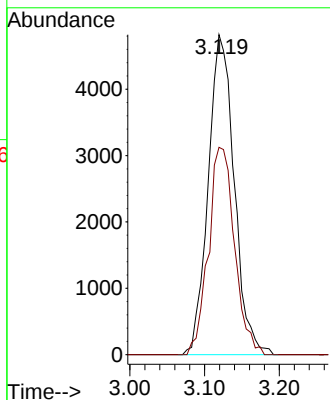
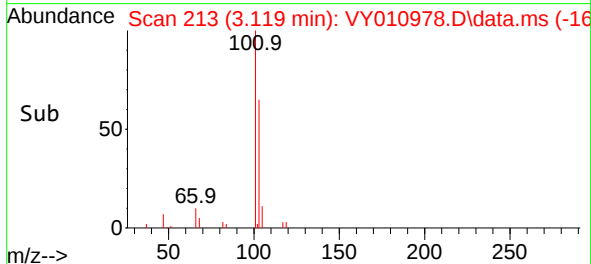
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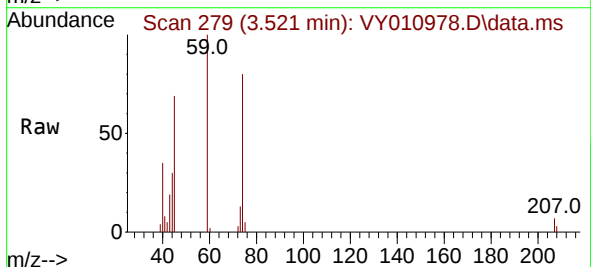
Tgt Ion:101 Resp: 11648
Ion Ratio Lower Upper
101 100
103 64.8 48.0 72.0

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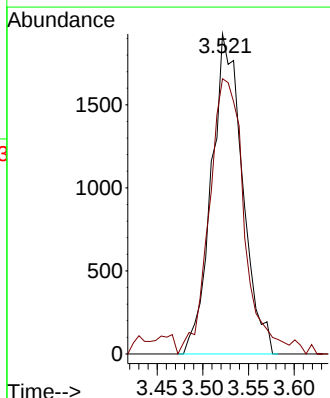
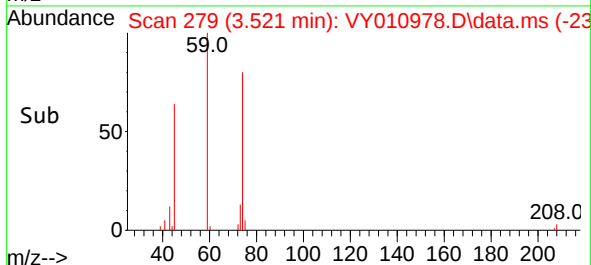
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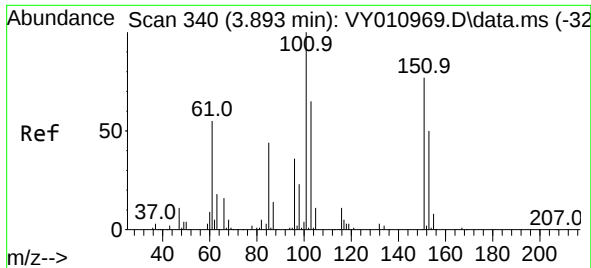


#8
Diethyl Ether
Concen: 2.596 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.007 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



Tgt Ion: 74 Resp: 4542
Ion Ratio Lower Upper
74 100
45 97.8 55.1 165.5





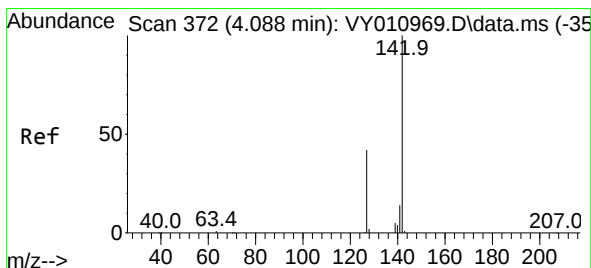
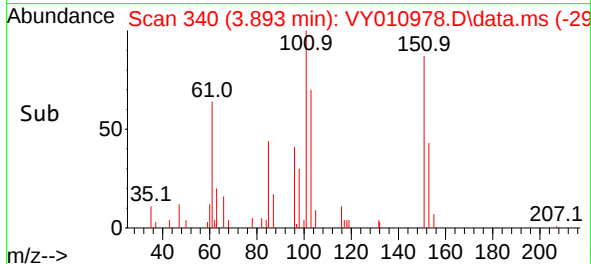
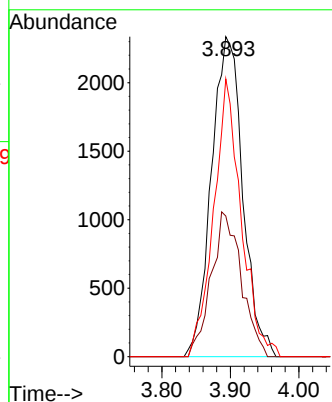
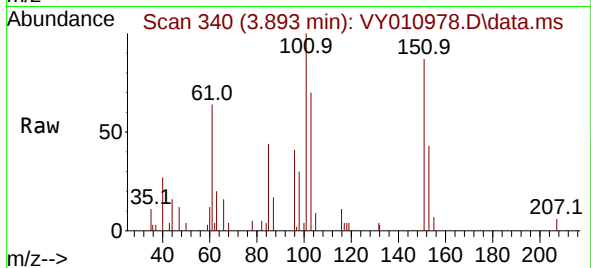
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.430 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion:101 Resp: 742
Ion Ratio Lower Upper
101 100
85 43.5 40.6 60.8
151 76.2 64.9 97.3

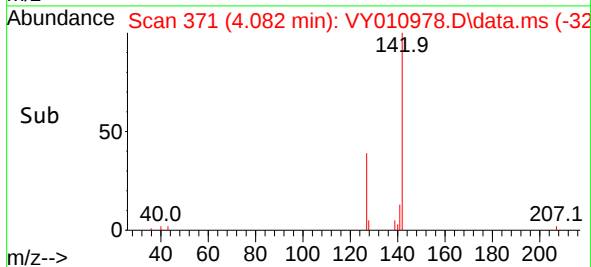
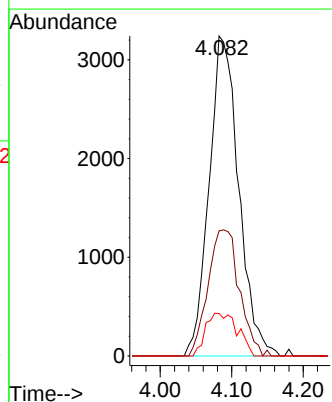
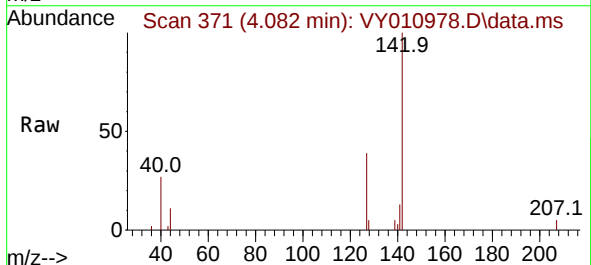
Manual Integrations
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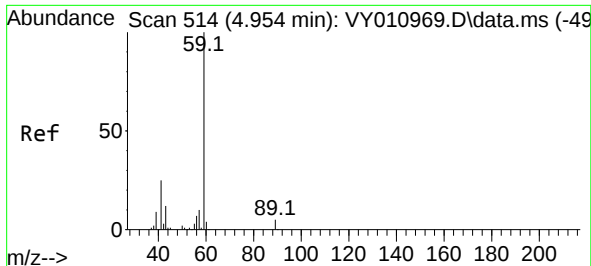
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#10
Methyl Iodide
Concen: 3.928 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

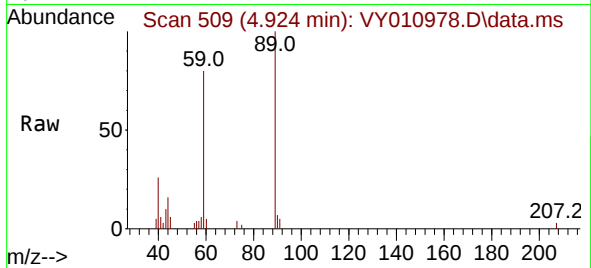
Tgt Ion:142 Resp: 9314
Ion Ratio Lower Upper
142 100
127 41.8 41.5 62.3
141 14.4 11.9 17.9





#11
Tert butyl alcohol
Concen: 10.841 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.030 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

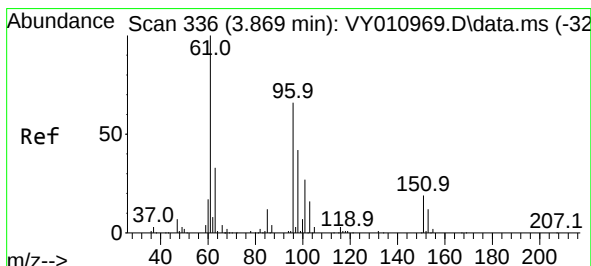
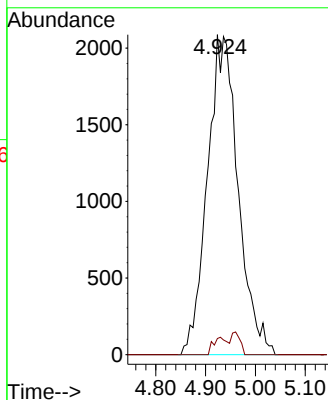
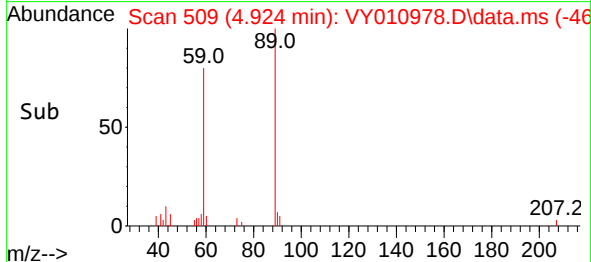
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



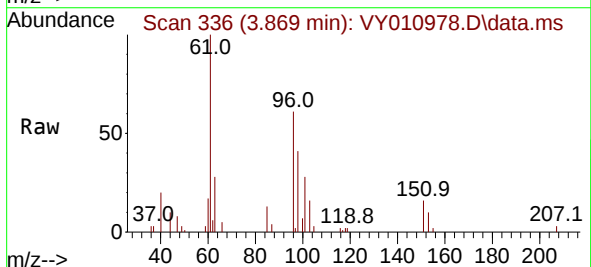
Tgt Ion: 59 Resp: 8932
Ion Ratio Lower Upper
59 100
57 2.5 6.4 9.6

Manual Integrations
APPROVED

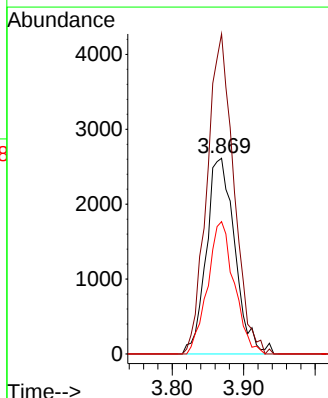
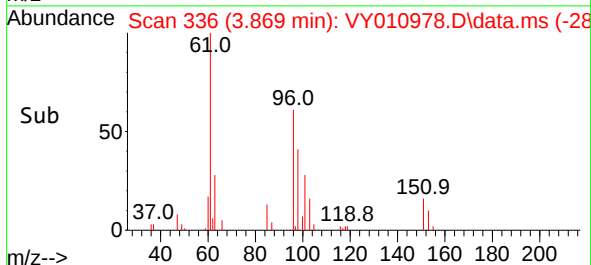
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

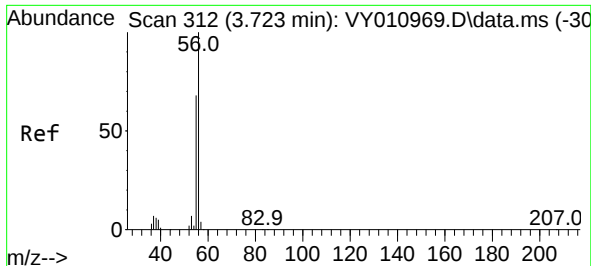


#12
1,1-Dichloroethene
Concen: 2.509 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



Tgt Ion: 96 Resp: 7231
Ion Ratio Lower Upper
96 100
61 163.5 145.8 218.6
98 67.6 52.5 78.7





#13

Acrolein

Concen: 10.224 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

Instrument :

MSVOA_Y

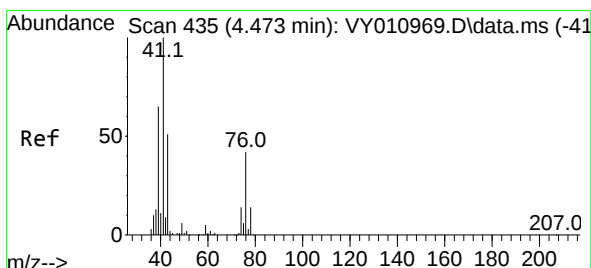
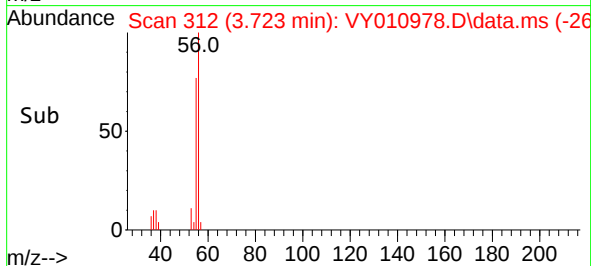
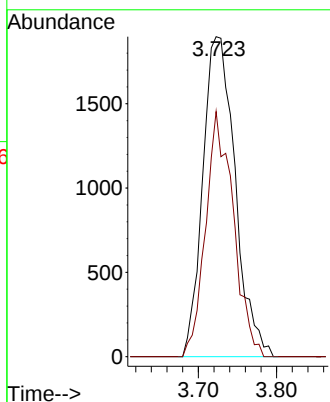
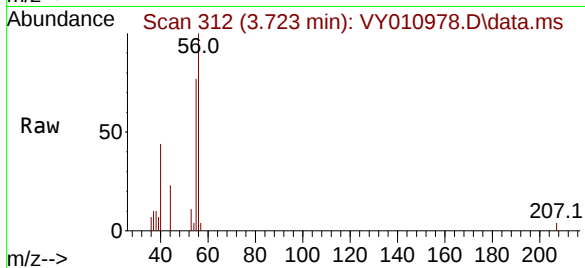
ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion: 56 Resp: 544
 Ion Ratio Lower Upper
 56 100
 55 65.6 57.6 86.4

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#14

Allyl chloride

Concen: 2.838 ug/l

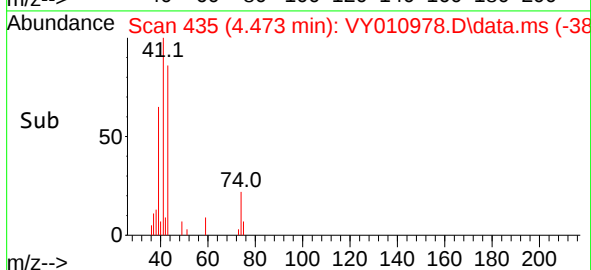
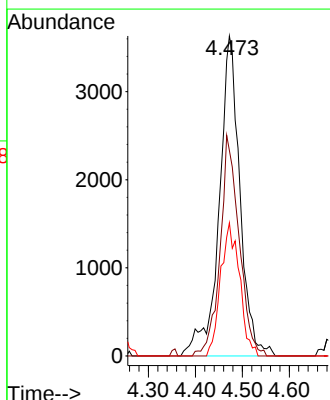
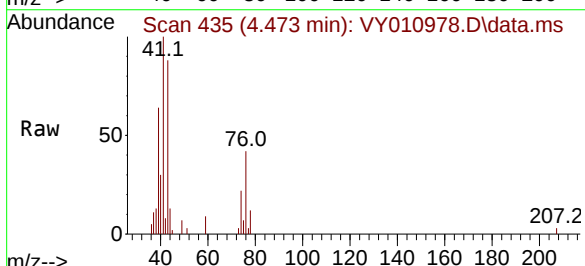
RT: 4.473 min Scan# 435

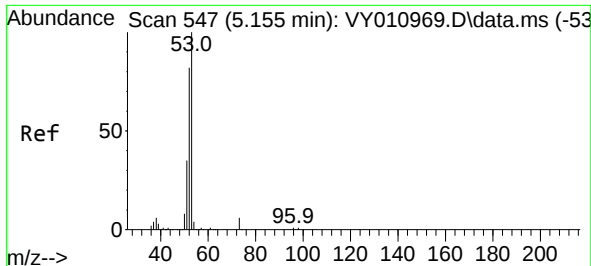
Delta R.T. -0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

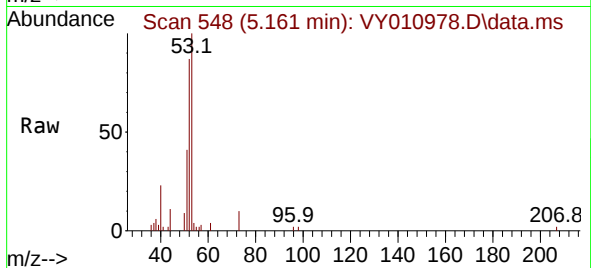
Tgt Ion: 41 Resp: 11162
 Ion Ratio Lower Upper
 41 100
 39 63.3 58.8 88.2
 76 37.8 25.1 37.7#





#15
Acrylonitrile
Concen: 11.342 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

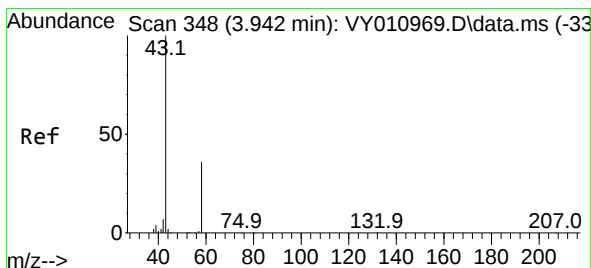
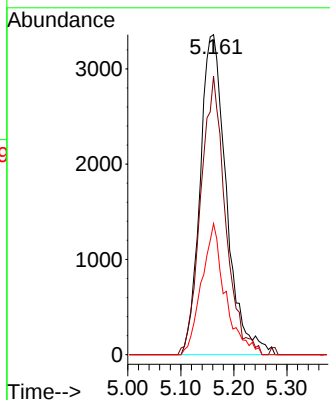
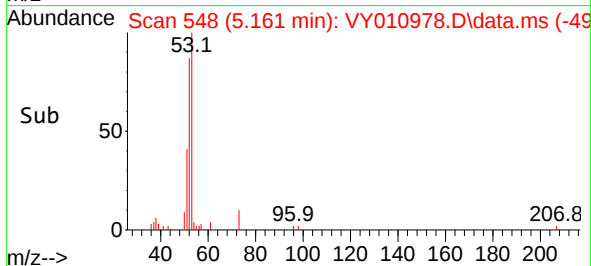
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 53 Resp: 11530
Ion Ratio Lower Upper
53 100
52 81.7 67.0 100.4
51 37.0 29.8 44.6

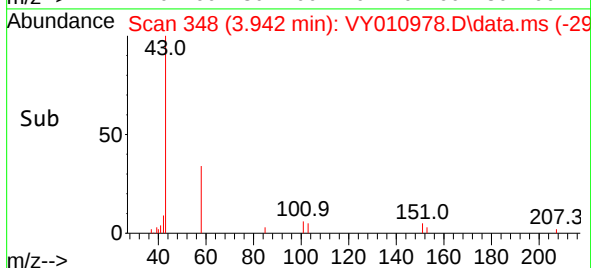
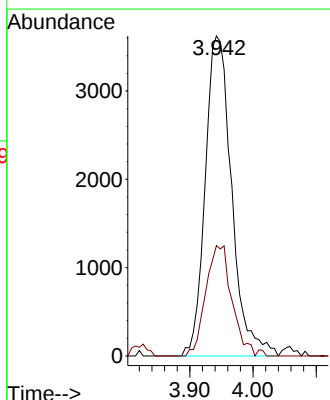
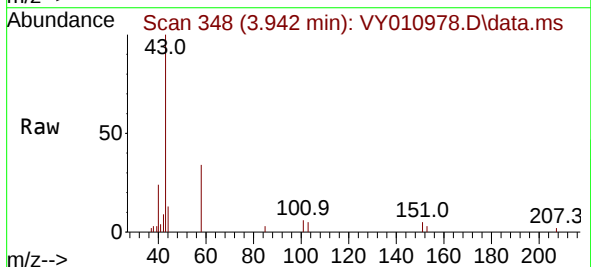
Manual Integrations
APPROVED

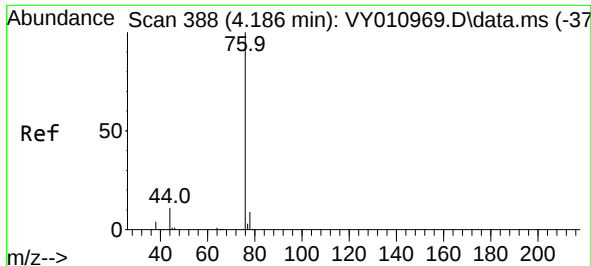
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#16
Acetone
Concen: 3.696 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

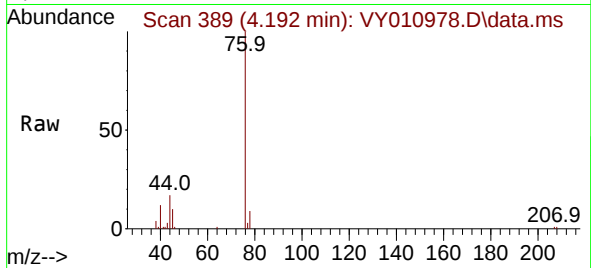
Tgt Ion: 43 Resp: 10522
Ion Ratio Lower Upper
43 100
58 34.5 22.0 33.0#





#17
Carbon Disulfide
Concen: 1.931 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

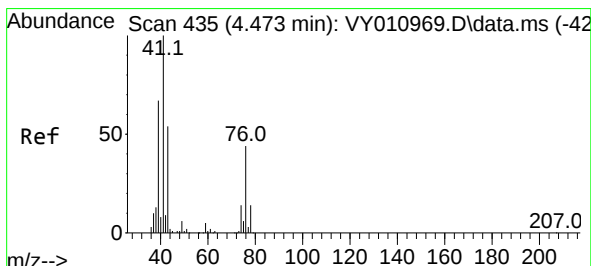
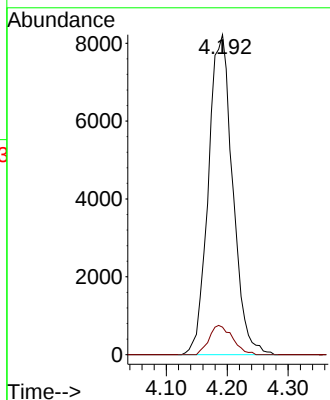
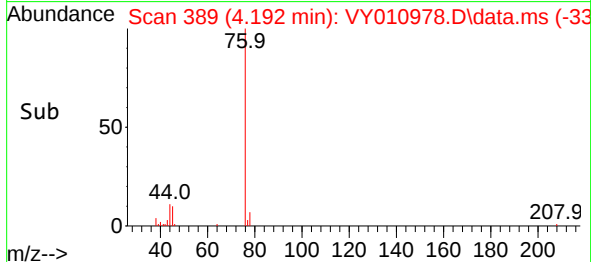
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 76 Resp: 22792
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

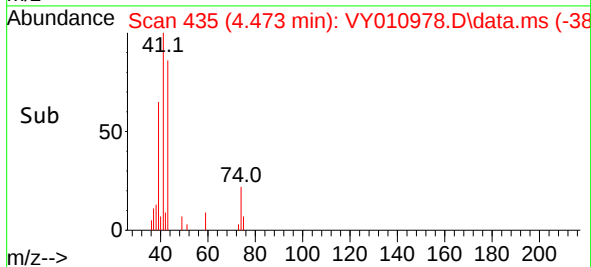
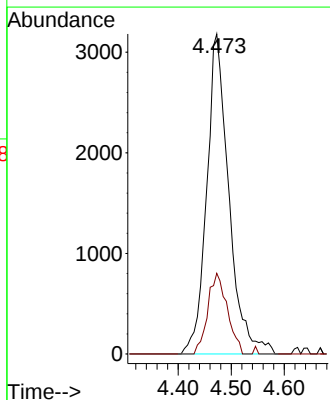
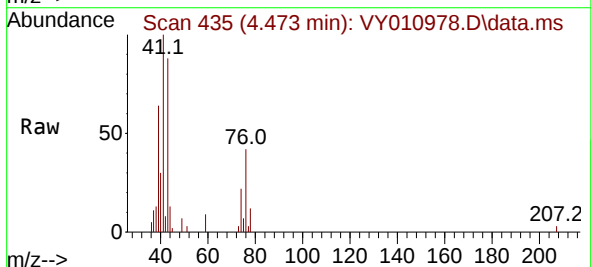
Manual Integrations
APPROVED

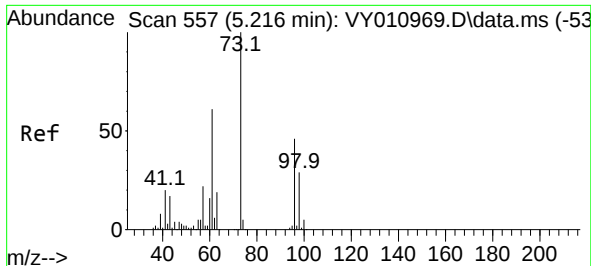
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#18
Methyl Acetate
Concen: 1.795 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Tgt Ion: 43 Resp: 9255
Ion Ratio Lower Upper
43 100
74 22.2 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 2.974 ug/l

RT: 5.216 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion: 73 Resp: 1870

Ion Ratio Lower Upper

73 100

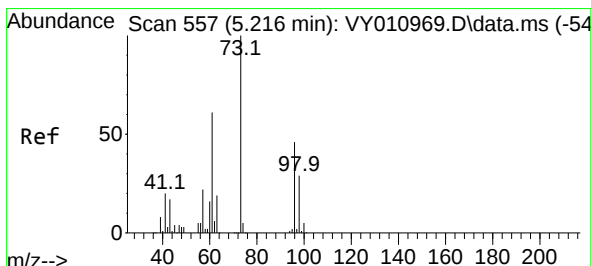
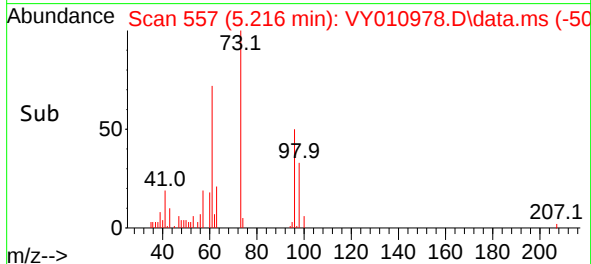
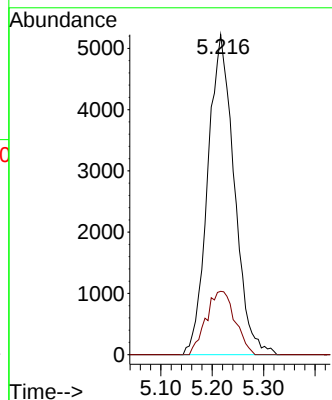
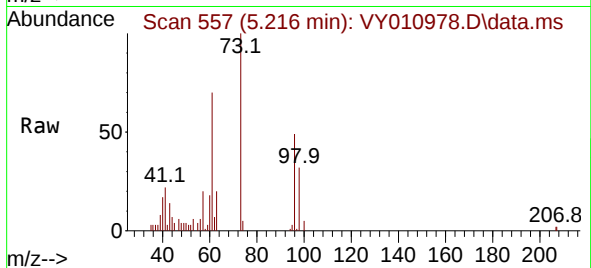
57 19.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#21

trans-1,2-Dichloroethene

Concen: 2.356 ug/l

RT: 5.216 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

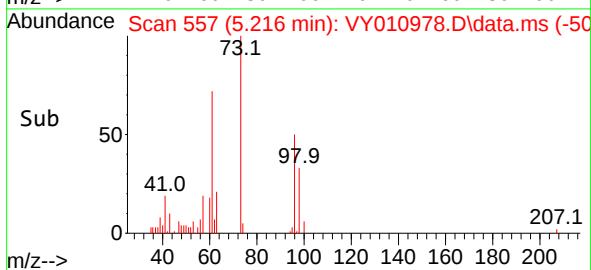
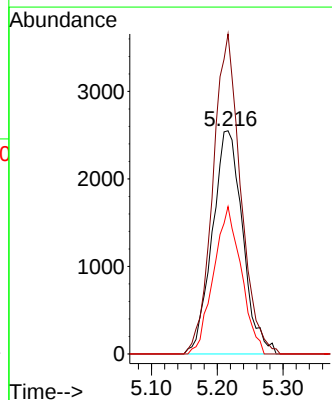
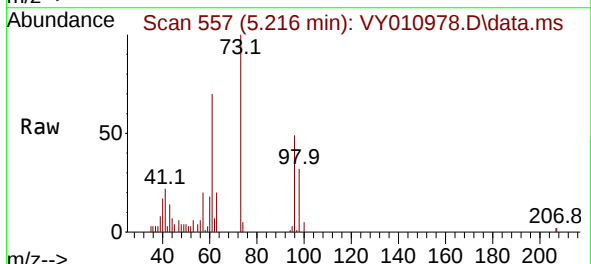
Tgt Ion: 96 Resp: 8168

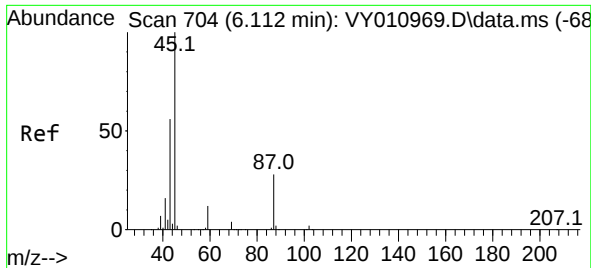
Ion Ratio Lower Upper

96 100

61 143.4 120.5 180.7

98 66.0 49.8 74.8





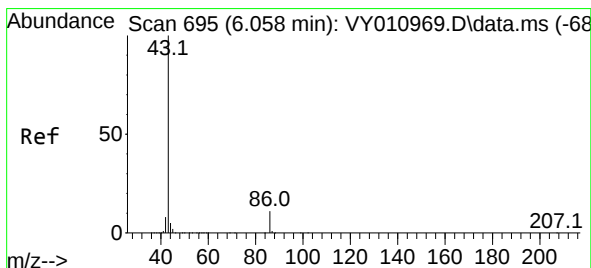
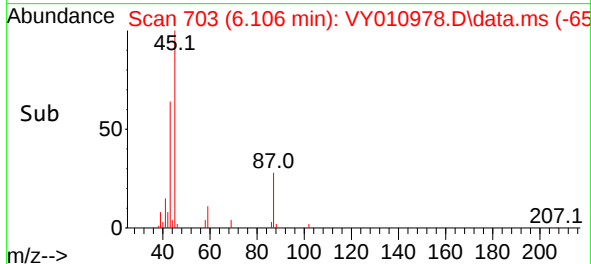
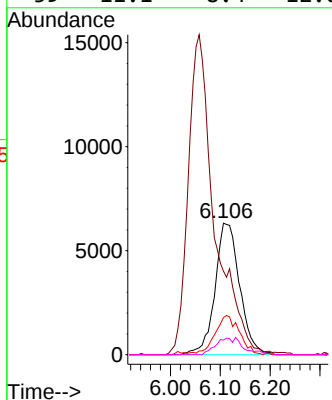
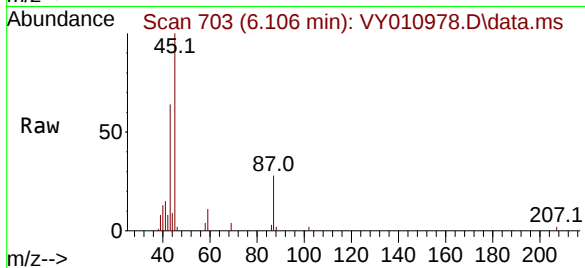
#22
Diisopropyl ether
Concen: 2.254 ug/l
RT: 6.106 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion:	45	Resp:	21692
Ion Ratio	Lower	Upper	
45	100		
43	61.9	49.3	73.9
87	28.3	19.2	28.8
59	11.1	8.4	12.6

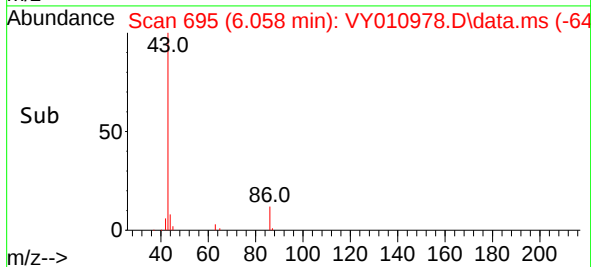
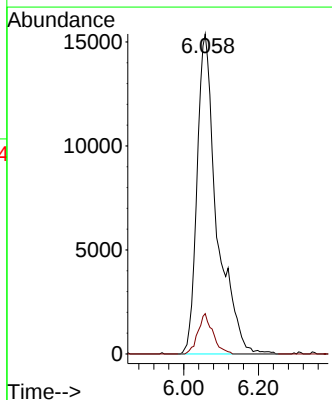
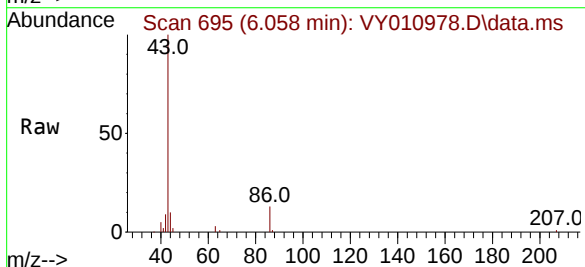
Manual Integrations
APPROVED

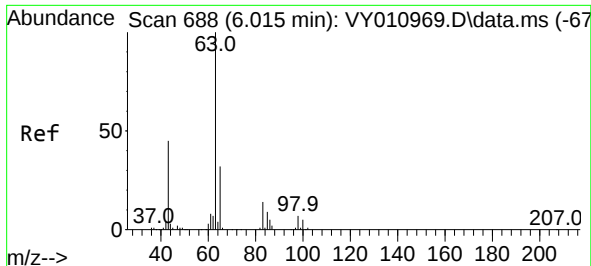
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#23
Vinyl Acetate
Concen: 14.207 ug/l
RT: 6.058 min Scan# 695
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Tgt Ion:	43	Resp:	56628
Ion Ratio	Lower	Upper	
43	100		
86	12.6	7.1	10.7#





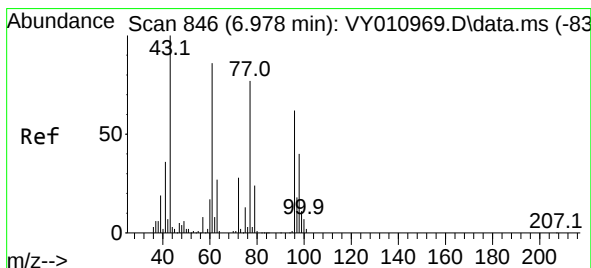
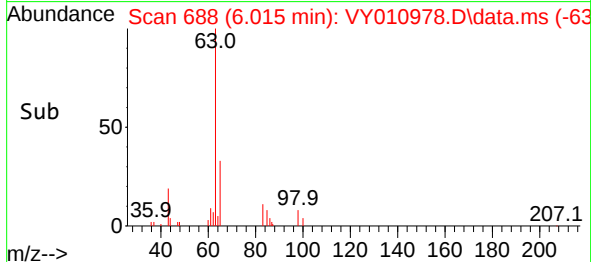
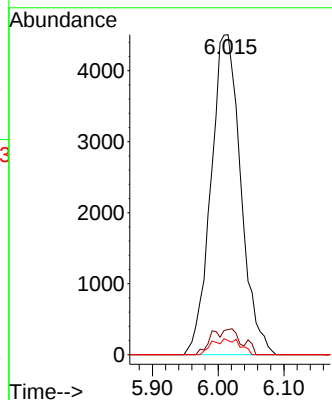
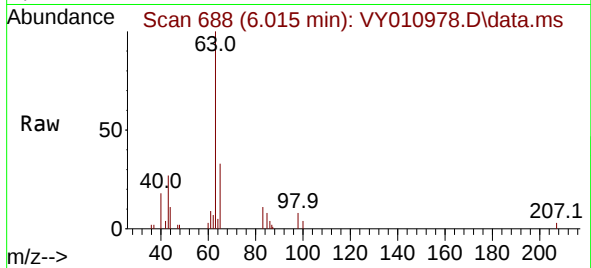
#24
1,1-Dichloroethane
Concen: 2.389 ug/l
RT: 6.015 min Scan# 601
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022

Tgt Ion: 63 Resp: 14199
Ion Ratio Lower Upper
63 100
98 7.8 3.6 10.8
100 4.4 2.0 5.8

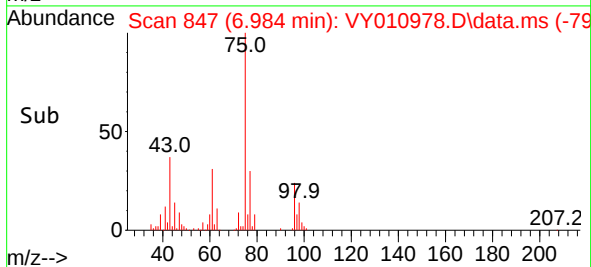
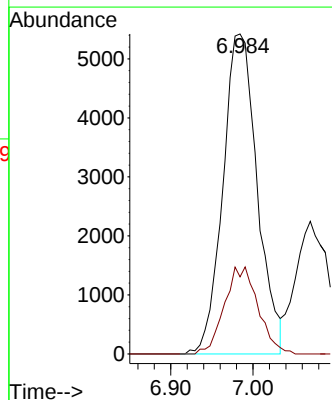
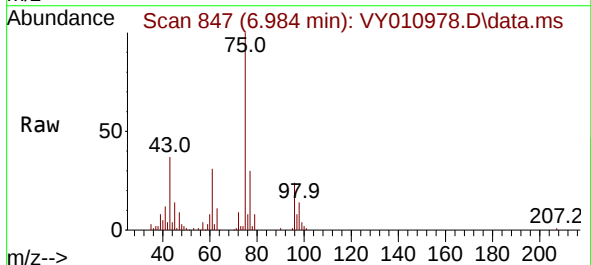
Manual Integrations
APPROVED

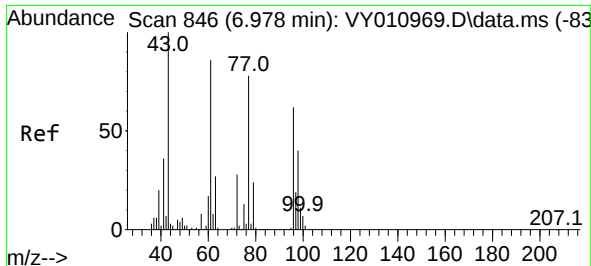
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#25
2-Butanone
Concen: 10.193 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Tgt Ion: 43 Resp: 15743
Ion Ratio Lower Upper
43 100
72 24.1 17.7 26.5





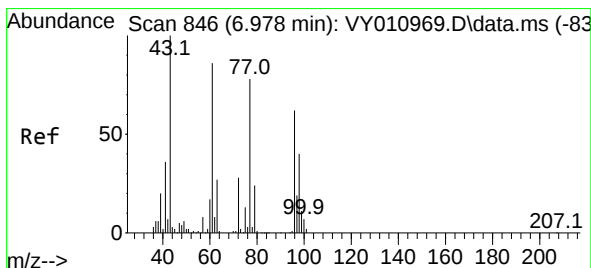
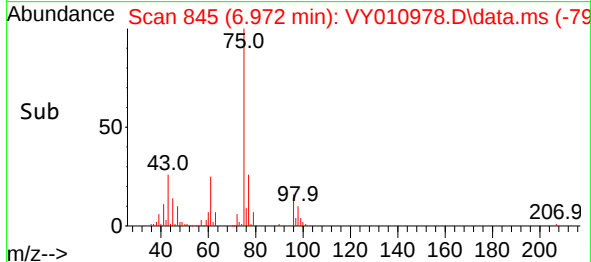
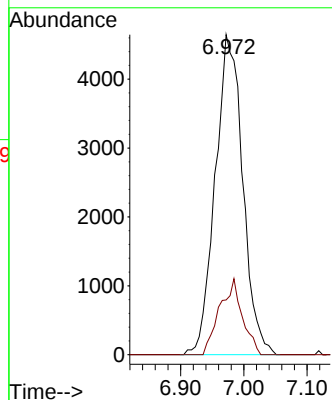
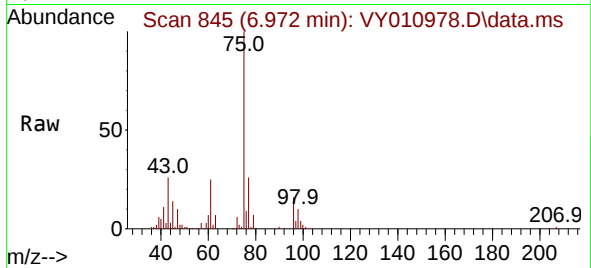
#26
2,2-Dichloropropane
Concen: 2.901 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion: 77 Resp: 1400
Ion Ratio Lower Upper
77 100
97 19.6 10.4 31.4

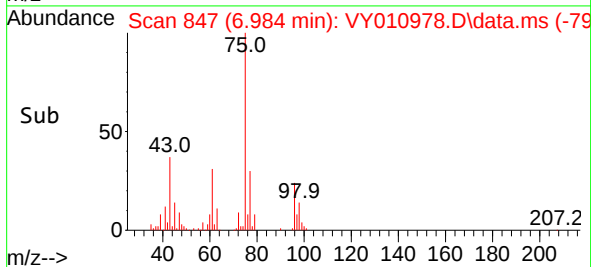
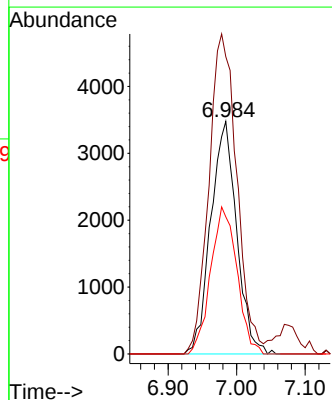
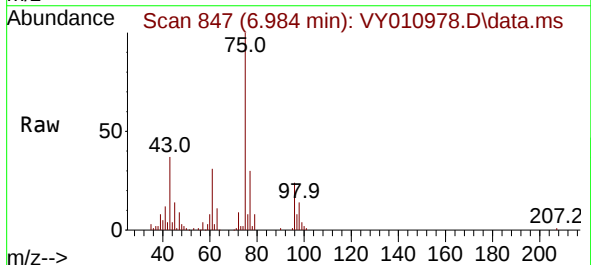
Manual Integrations
APPROVED

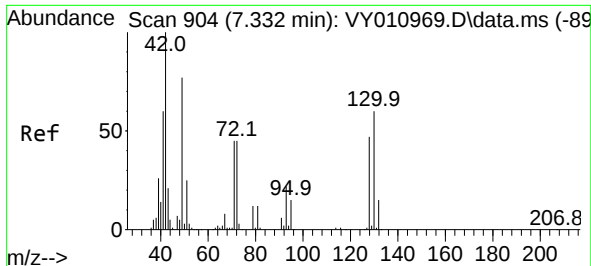
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#27
cis-1,2-Dichloroethene
Concen: 2.760 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

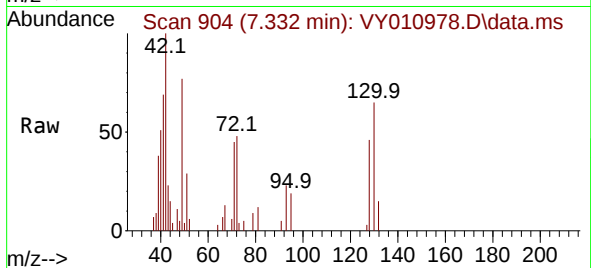
Tgt Ion: 96 Resp: 9138
Ion Ratio Lower Upper
96 100
61 147.9 0.0 319.8
98 64.1 0.0 127.0





#28
Bromochloromethane
Concen: 5.730 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

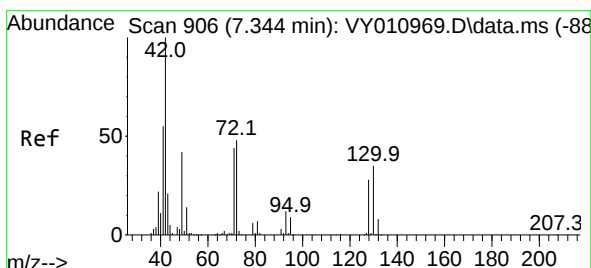
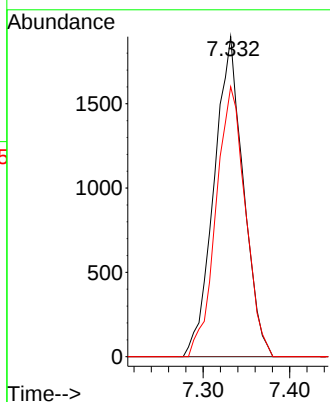
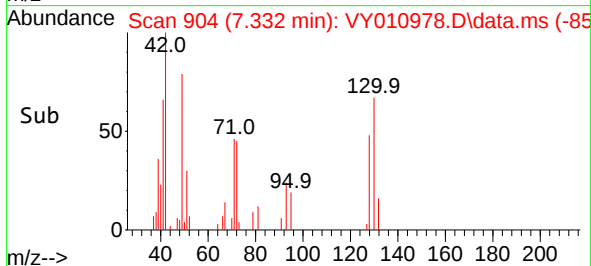
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



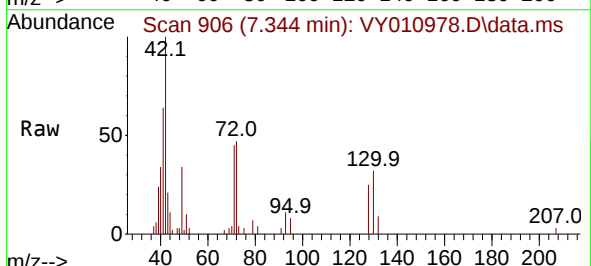
Tgt Ion: 49 Resp: 4460
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 84.6 55.4 83.0

Manual Integrations
APPROVED

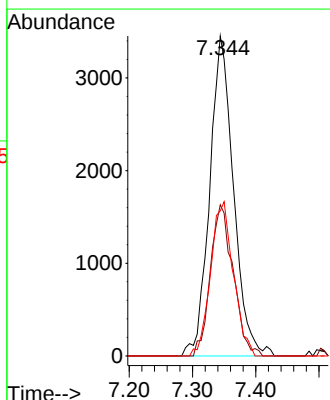
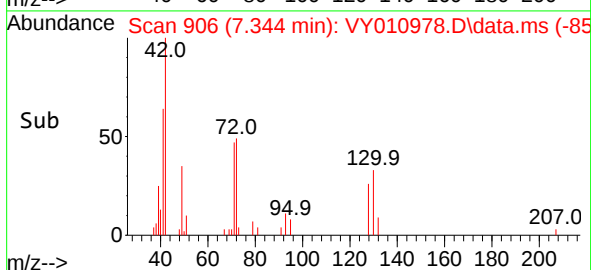
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

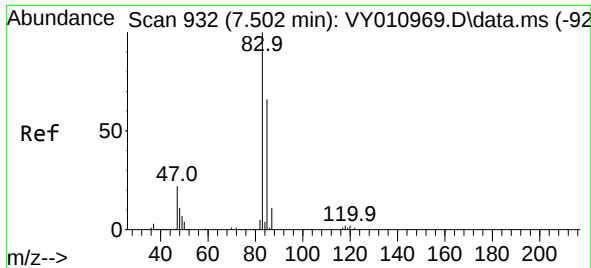


#29
Tetrahydrofuran
Concen: 10.620 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



Tgt Ion: 42 Resp: 9030
Ion Ratio Lower Upper
42 100
72 45.3 30.3 45.5
71 46.0 29.0 43.4





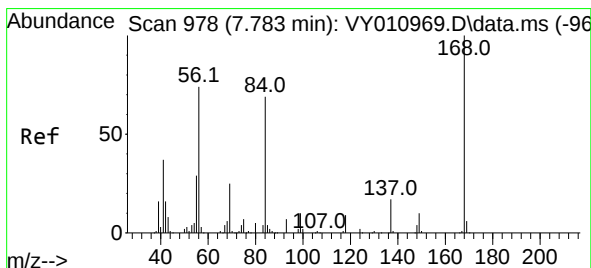
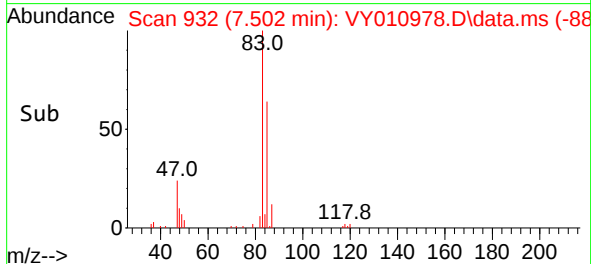
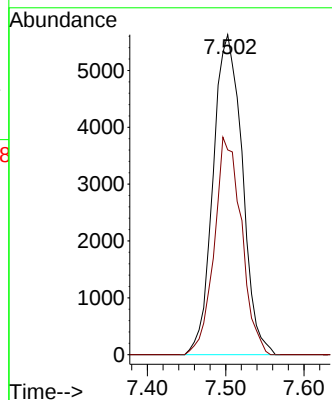
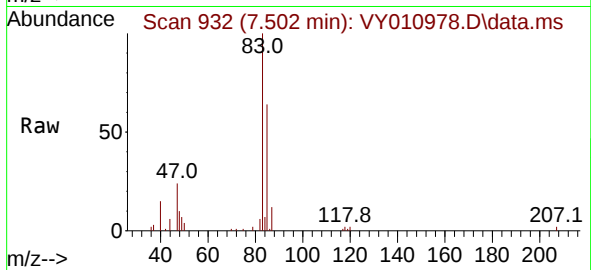
#30
Chloroform
Concen: 2.421 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion: 83 Resp: 1456
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6

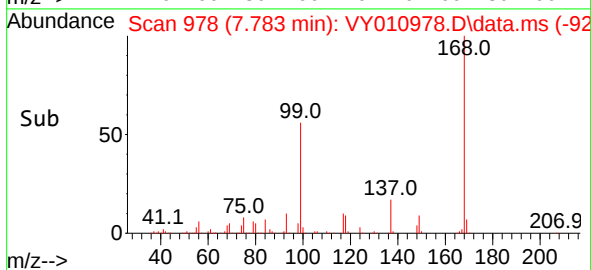
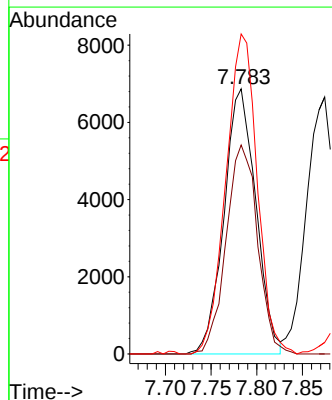
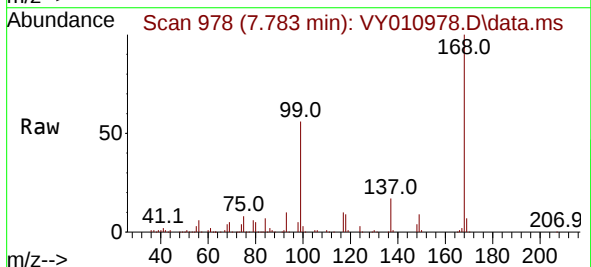
Manual Integrations
APPROVED

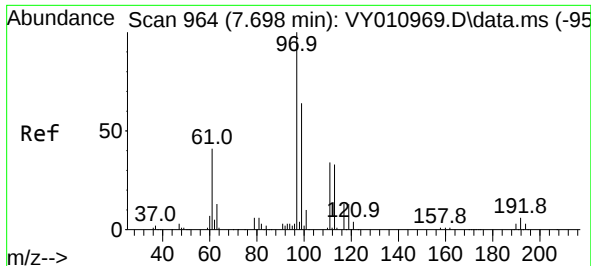
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#31
Cyclohexane
Concen: 2.628 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

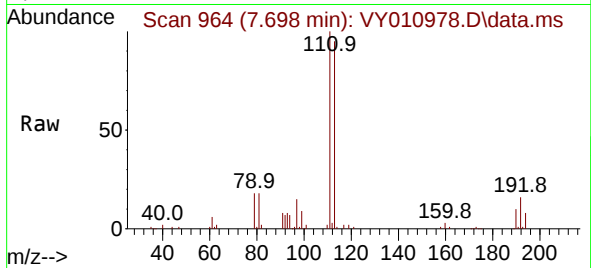
Tgt Ion: 56 Resp: 16674
Ion Ratio Lower Upper
56 100
69 78.8 26.7 40.1#
84 120.7 67.2 100.8#





#32
1,1,1-Trichloroethane
Concen: 2.749 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

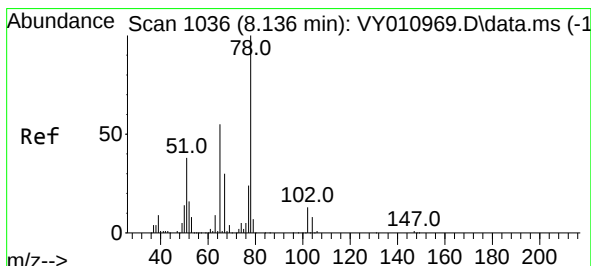
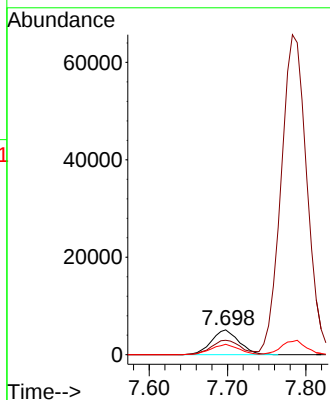
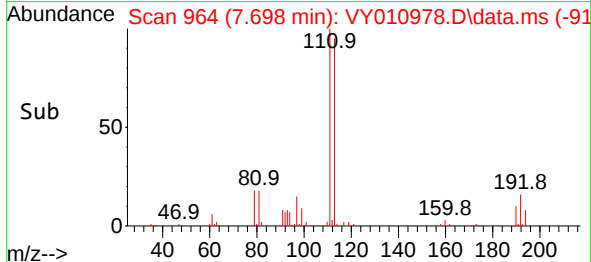
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 97 Resp: 1239
Ion Ratio Lower Upper
97 100
99 62.0 50.7 76.1
61 42.2 37.6 56.4

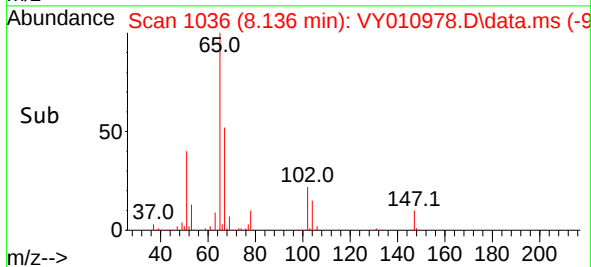
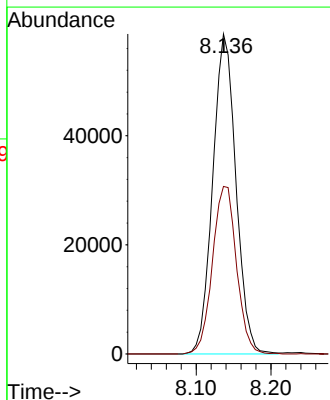
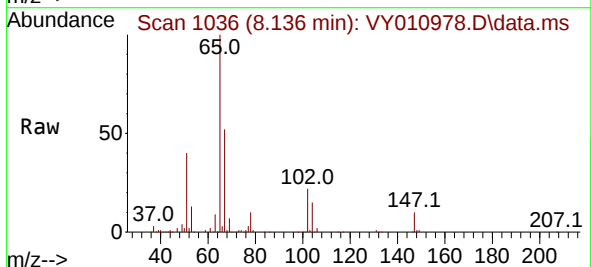
Manual Integrations
APPROVED

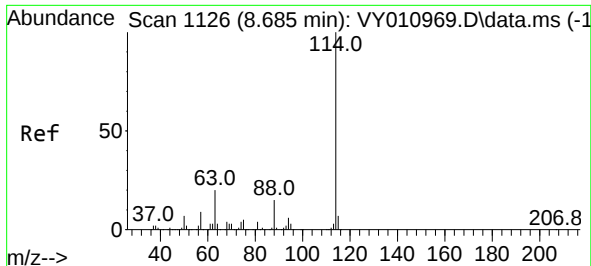
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#33
1,2-Dichloroethane-d4
Concen: 53.398 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

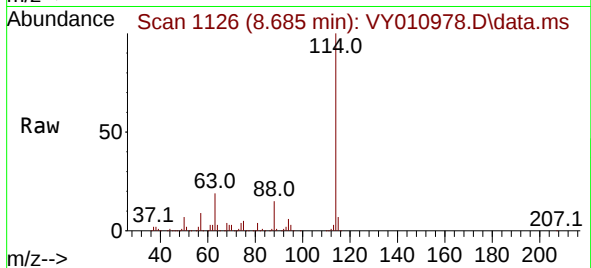
Tgt Ion: 65 Resp: 126612
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

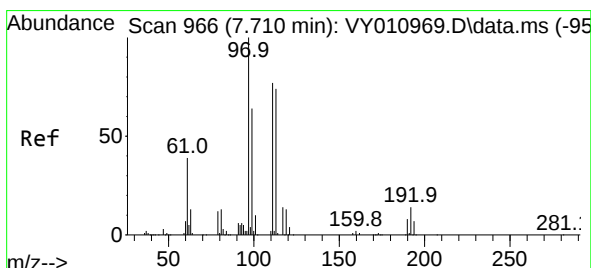
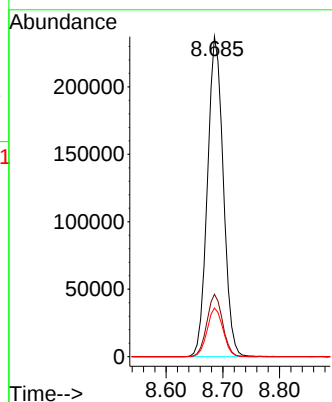
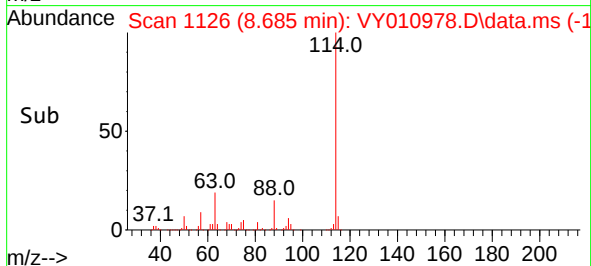
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



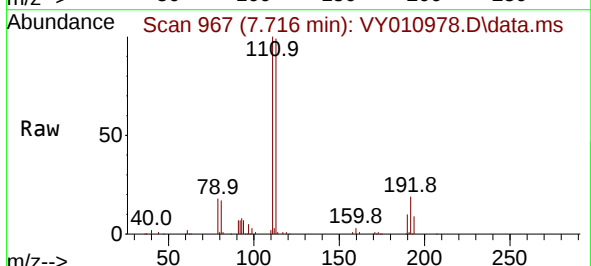
Tgt Ion:114 Resp: 460140
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.2 0.0 31.8

Manual Integrations
APPROVED

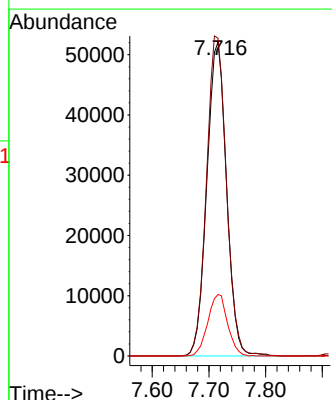
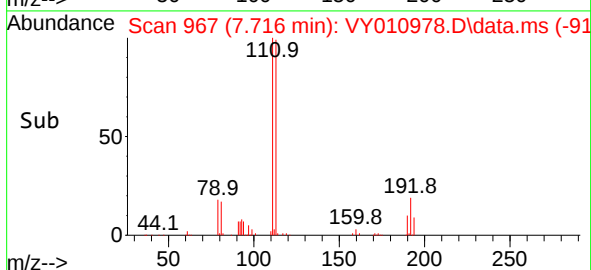
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

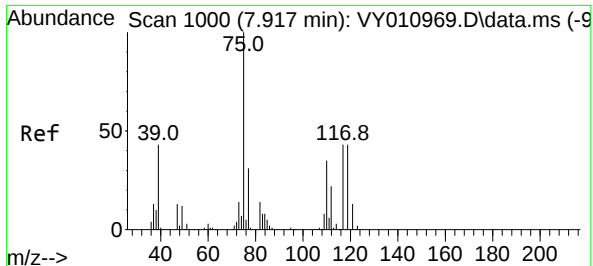


#35
Dibromofluoromethane
Concen: 48.831 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



Tgt Ion:113 Resp: 125378
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.7 17.6 26.4





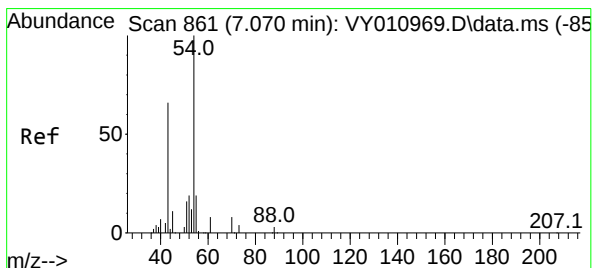
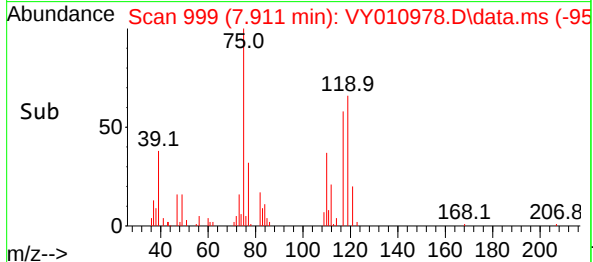
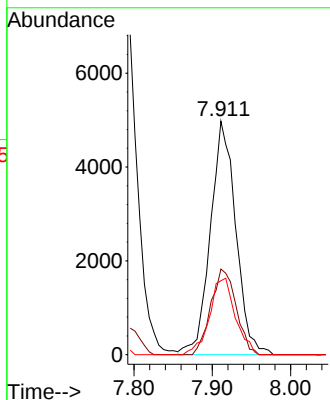
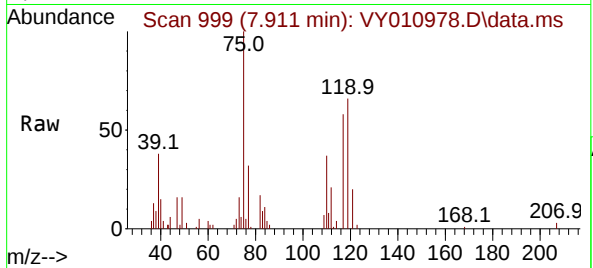
#36
1,1-Dichloropropene
Concen: 2.669 ug/l
RT: 7.911 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion: 75 Resp: 11234
Ion Ratio Lower Upper
75 100
110 36.4 17.1 51.2
77 33.2 24.4 36.6

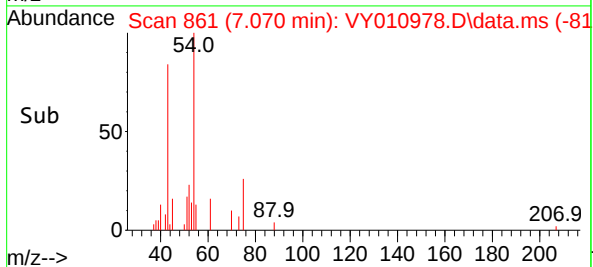
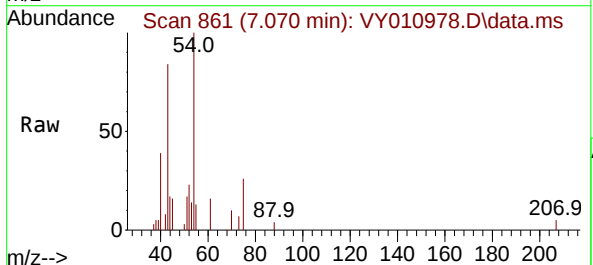
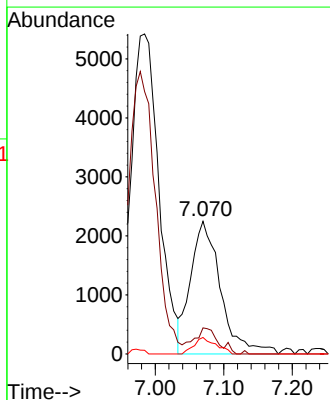
Manual Integrations
APPROVED

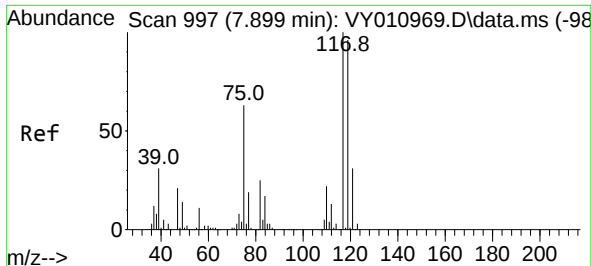
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#37
Ethyl Acetate
Concen: 2.823 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

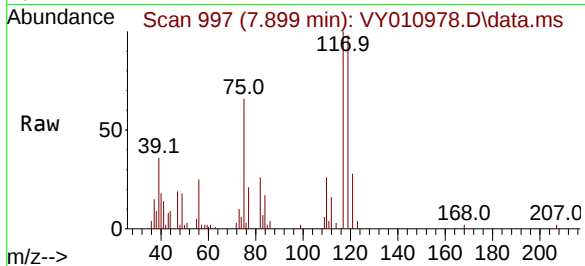
Tgt Ion: 43 Resp: 6882
Ion Ratio Lower Upper
43 100
61 15.8 9.7 14.5#
70 9.0 7.1 10.7





#38
Carbon Tetrachloride
Concen: 2.759 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

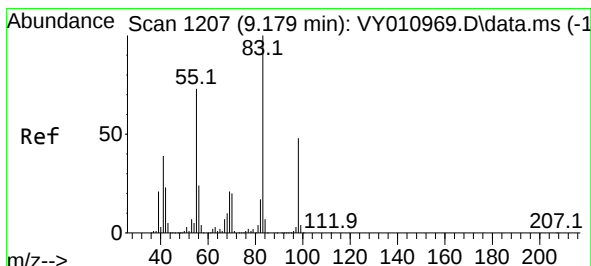
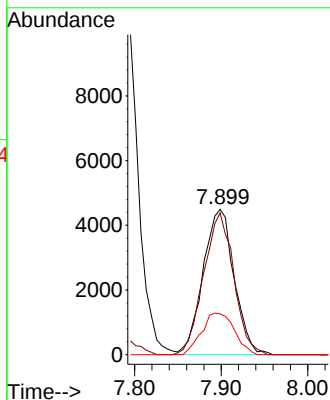
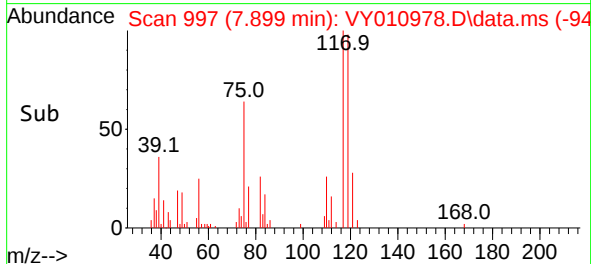
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022



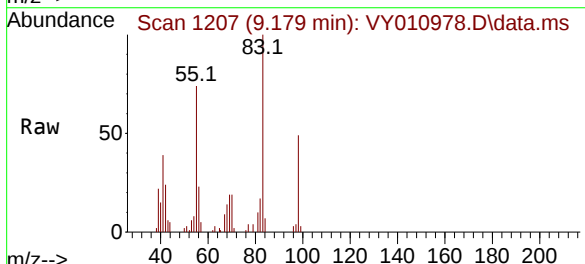
Tgt Ion: 117 Resp: 1116
Ion Ratio Lower Upper
117 100
119 97.6 77.9 116.9
121 28.0 24.8 37.2

Manual Integrations
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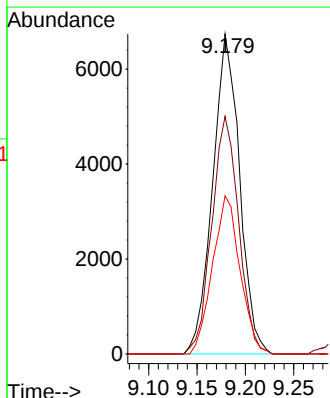
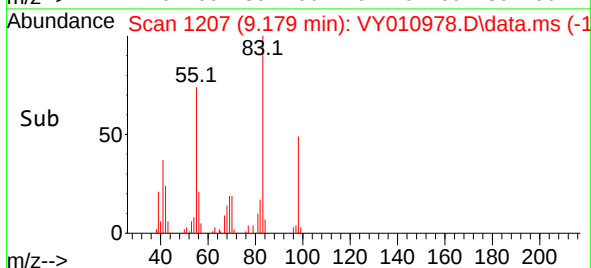
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

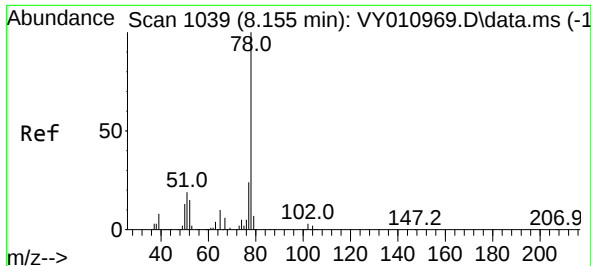


#39
Methylcyclohexane
Concen: 3.315 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



Tgt Ion: 83 Resp: 13024
Ion Ratio Lower Upper
83 100
55 74.3 66.5 99.7
98 49.5 37.9 56.9





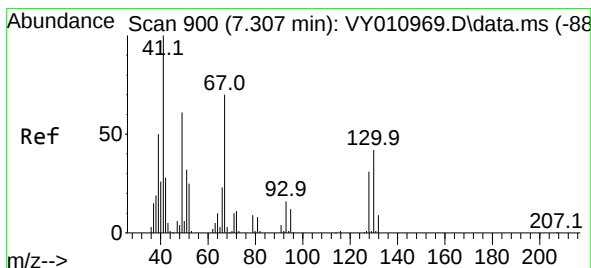
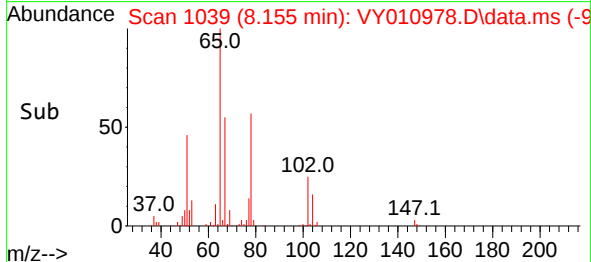
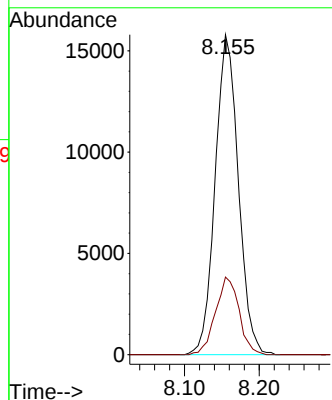
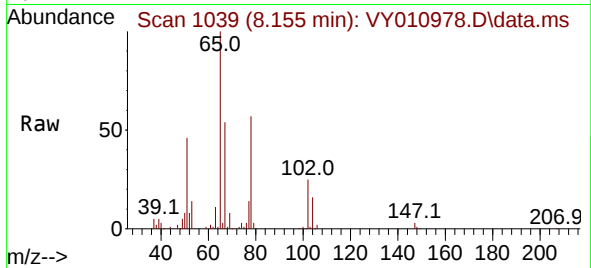
#40
Benzene
Concen: 2.534 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion: 78 Resp: 34010
Ion Ratio Lower Upper
78 100
77 24.3 20.4 30.6

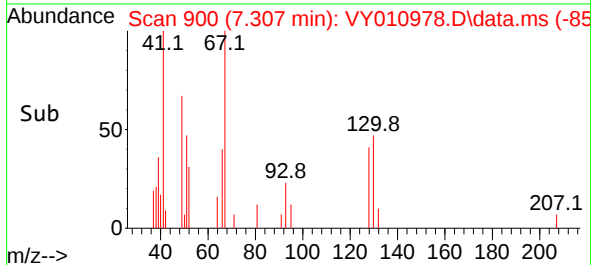
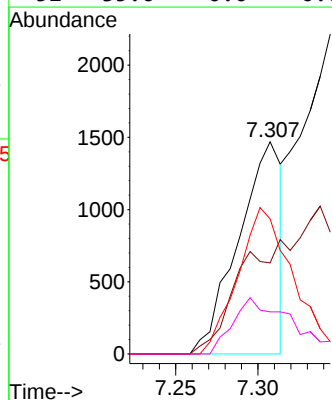
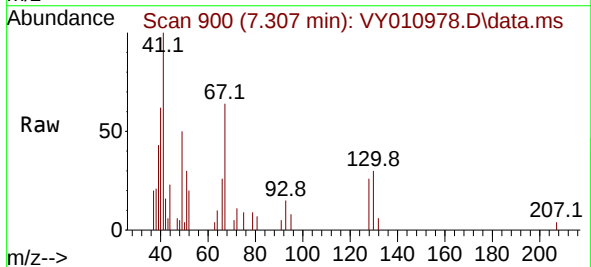
Manual Integrations
APPROVED

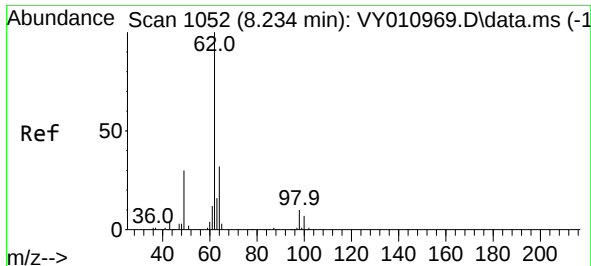
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#41
Methacrylonitrile
Concen: 4.983 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Tgt Ion: 41 Resp: 2683
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 88.0 0.0 0.0#
52 35.6 0.0 0.0#





#42

1,2-Dichloroethane

Concen: 2.588 ug/l

RT: 8.234 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

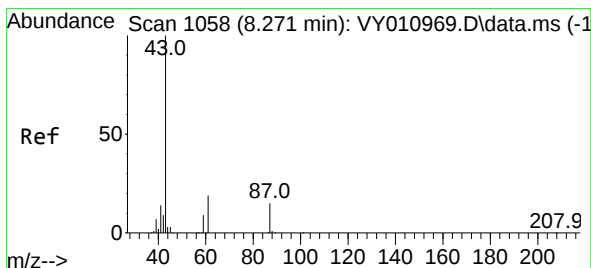
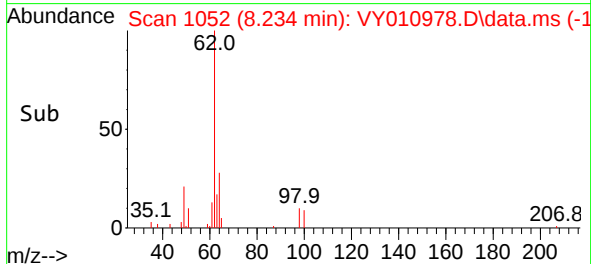
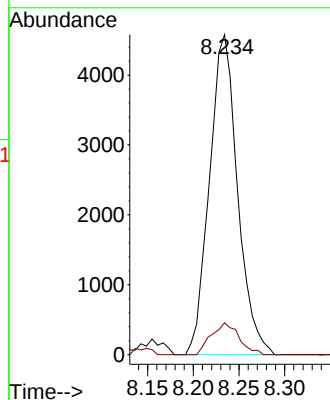
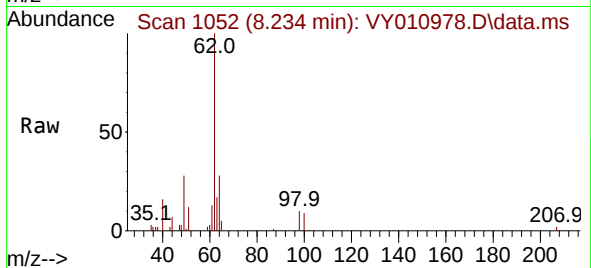
Tgt Ion: 62 Resp: 9789
 Ion Ratio Lower Upper
 62 100
 98 9.8 0.0 14.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#43

Isopropyl Acetate

Concen: 3.140 ug/l

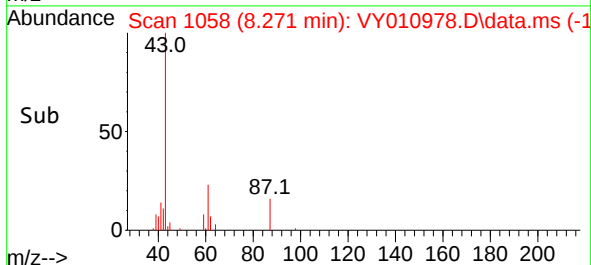
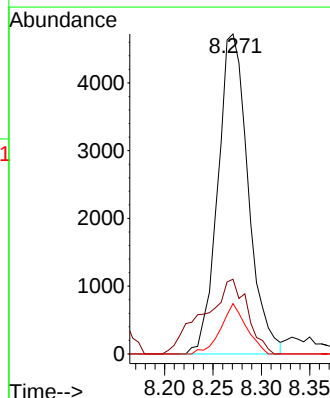
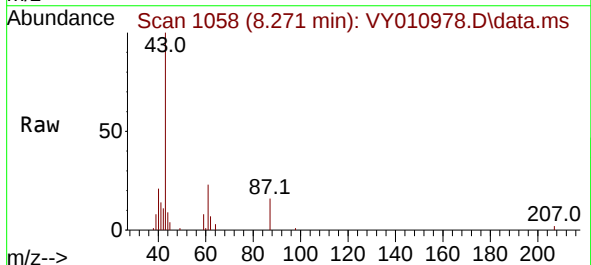
RT: 8.271 min Scan# 1058

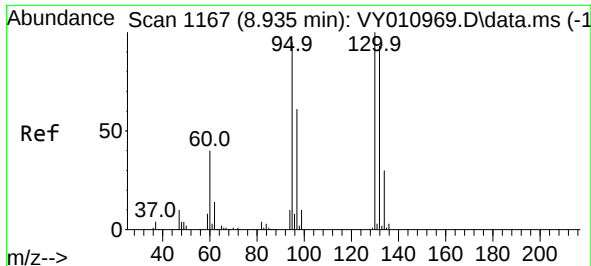
Delta R.T. -0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

Tgt Ion: 43 Resp: 10282
 Ion Ratio Lower Upper
 43 100
 61 33.5 20.2 30.2#
 87 13.3 8.9 13.3#





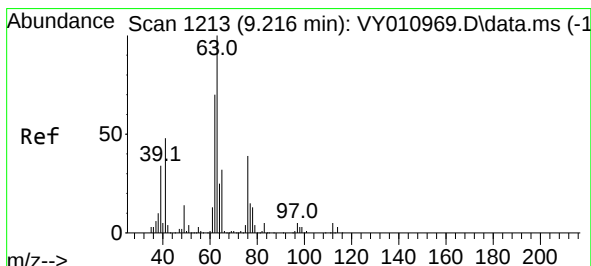
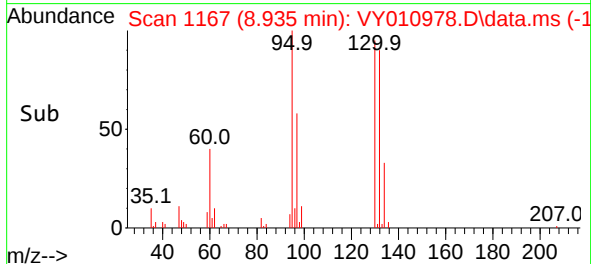
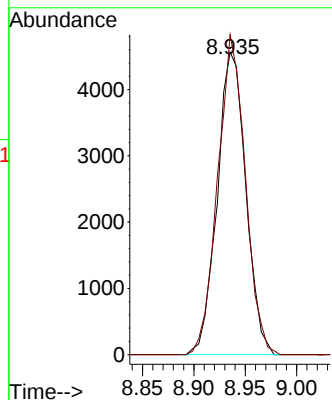
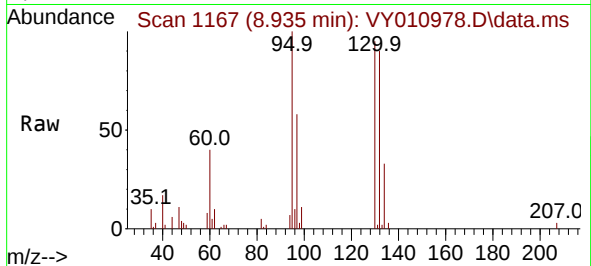
#44
Trichloroethene
Concen: 2.791 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion:130 Resp: 8820
Ion Ratio Lower Upper
130 100
95 105.8 0.0 188.2

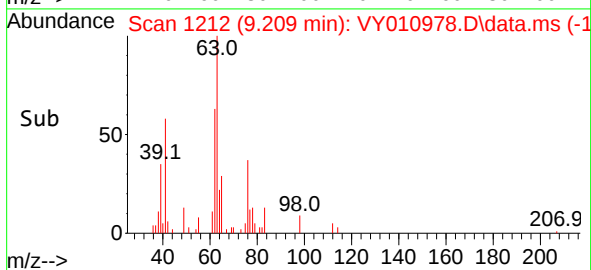
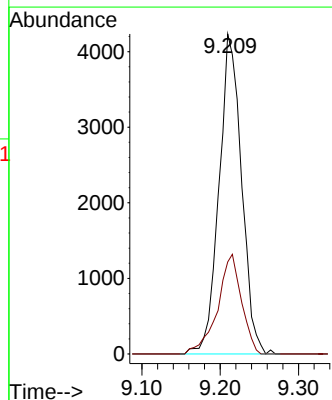
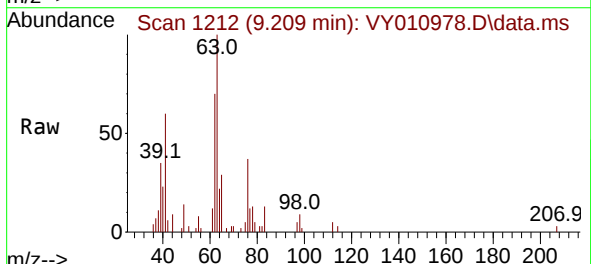
Manual Integrations
APPROVED

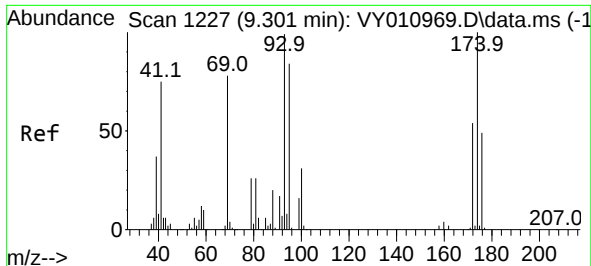
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#45
1,2-Dichloropropane
Concen: 2.753 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.007 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

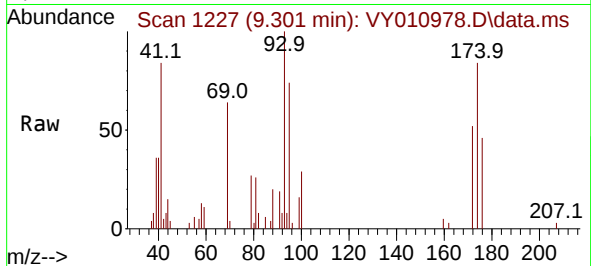
Tgt Ion: 63 Resp: 8459
Ion Ratio Lower Upper
63 100
65 28.8 23.0 34.6





#46
Dibromomethane
Concen: 2.798 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

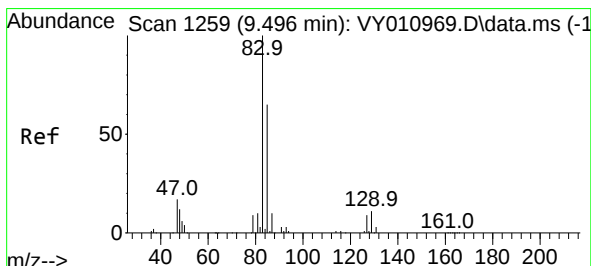
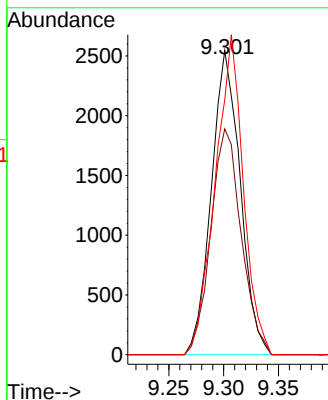
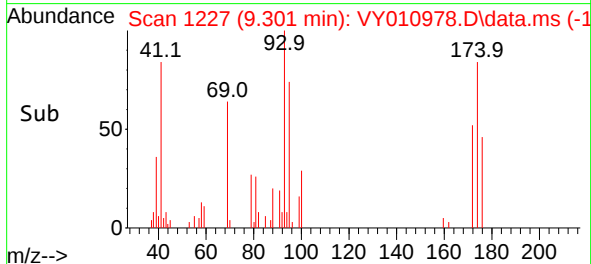
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022



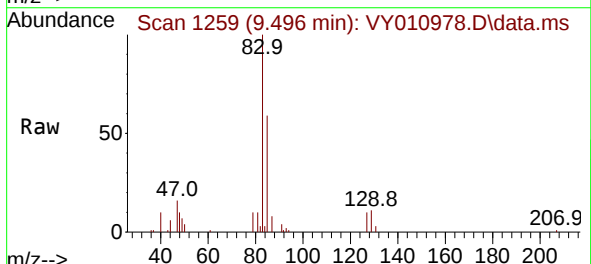
Tgt Ion: 93 Resp: 466
Ion Ratio Lower Upper
93 100
95 78.3 64.3 96.5
174 102.3 83.4 125.0

Manual Integrations
APPROVED

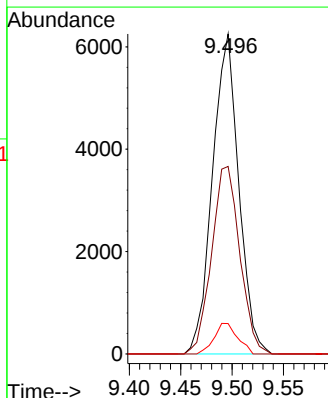
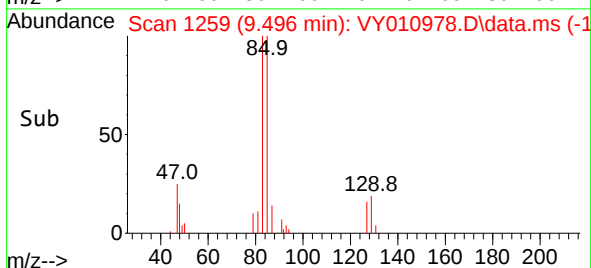
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

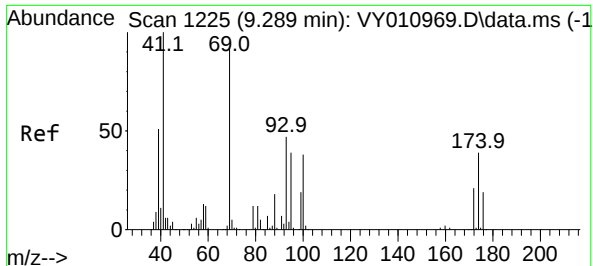


#47
Bromodichloromethane
Concen: 3.048 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



Tgt Ion: 83 Resp: 11104
Ion Ratio Lower Upper
83 100
85 58.6 51.9 77.9
127 9.5 6.6 10.0





#48

Methyl methacrylate

Concen: 3.580 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion: 41 Resp: 4678

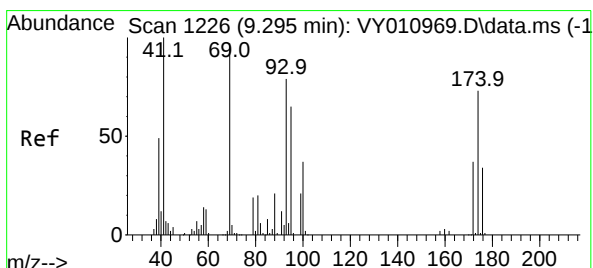
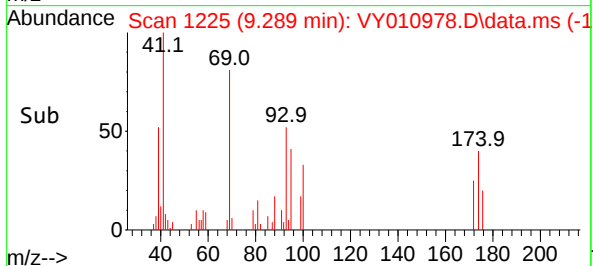
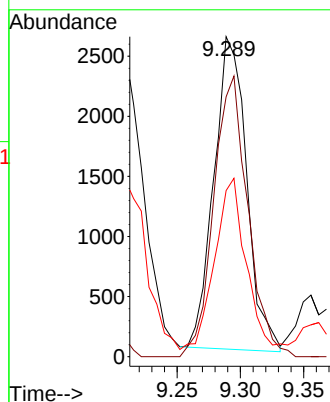
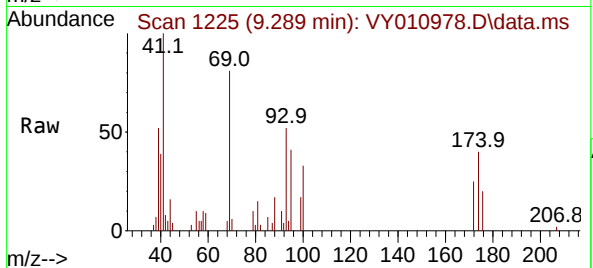
Ion	Ratio	Lower	Upper
41	100		
69	93.7	58.2	87.2
39	53.8	47.4	71.0

Manual Integrations

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Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#49

1,4-Dioxane

Concen: 52.448 ug/l

RT: 9.295 min Scan# 1226

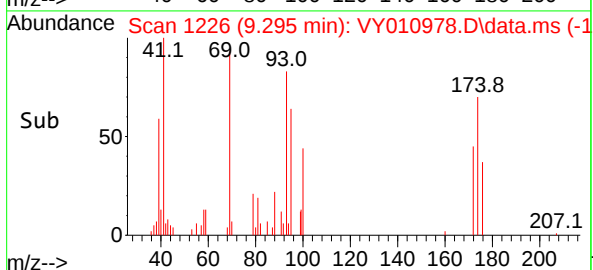
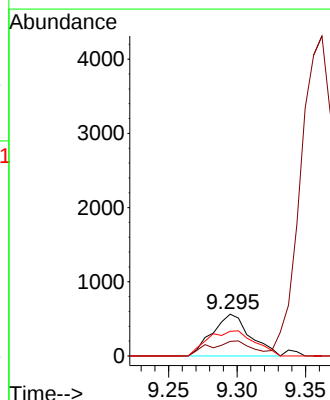
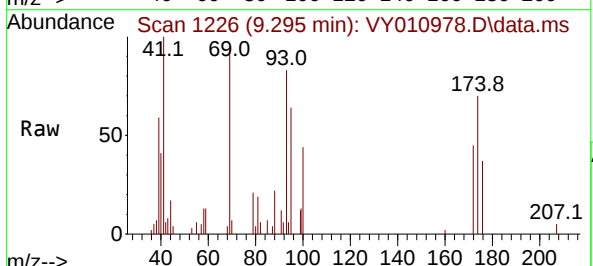
Delta R.T. -0.000 min

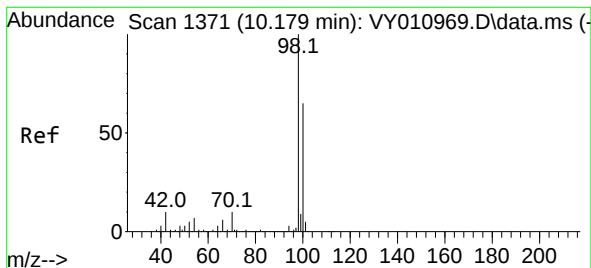
Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

Tgt Ion: 88 Resp: 1076

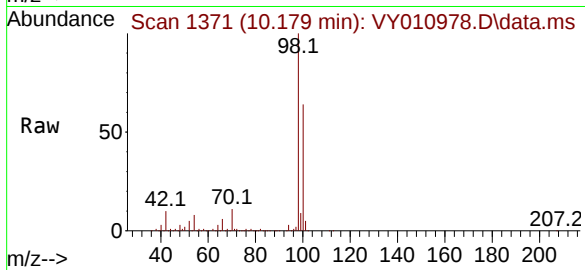
Ion	Ratio	Lower	Upper
88	100		
43	39.8	32.8	49.2
58	74.5	59.8	89.6





#50
Toluene-d8
Concen: 48.761 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

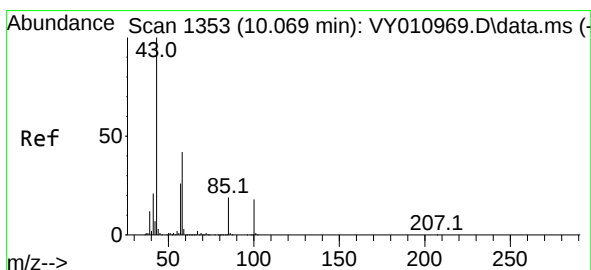
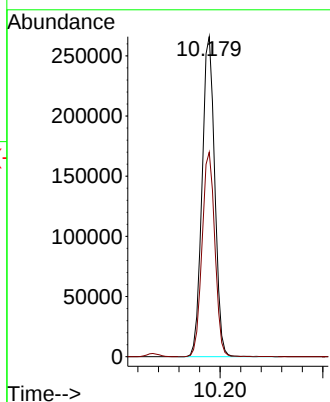
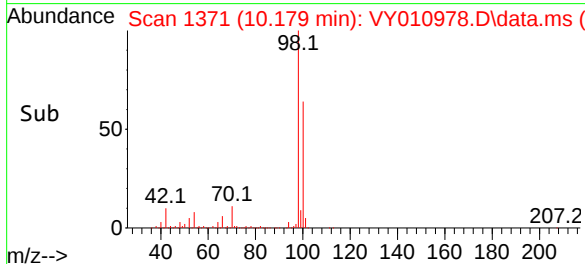
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



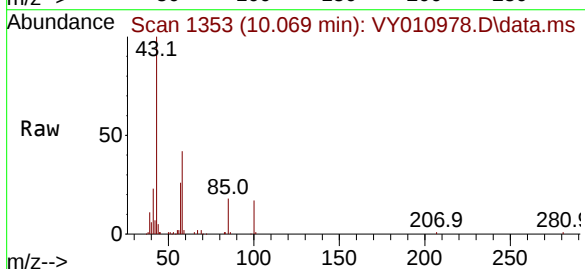
Tgt Ion: 98 Resp: 454302
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

Manual Integrations
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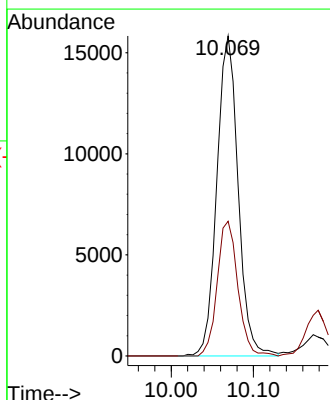
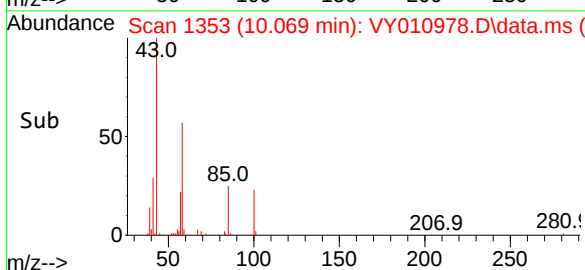
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

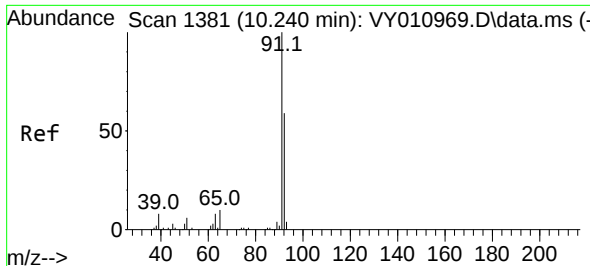


#51
4-Methyl-2-Pentanone
Concen: 13.035 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



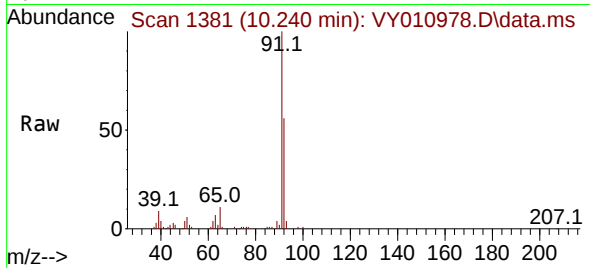
Tgt Ion: 43 Resp: 28510
Ion Ratio Lower Upper
43 100
58 40.9 28.1 42.1





#52
Toluene
Concen: 2.917 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

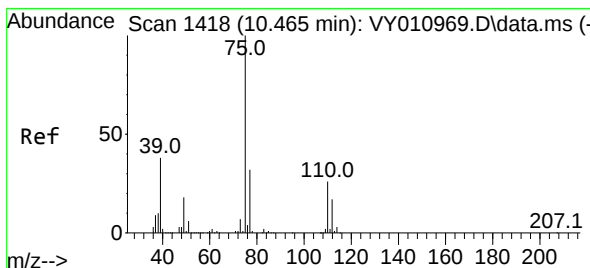
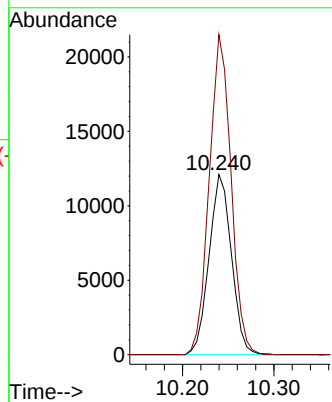
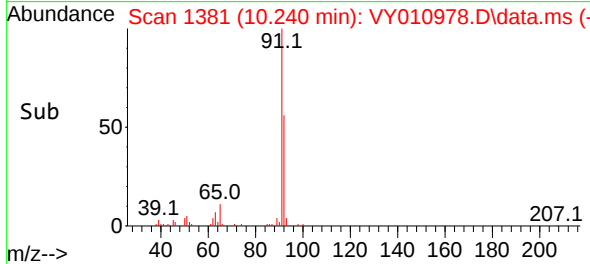
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



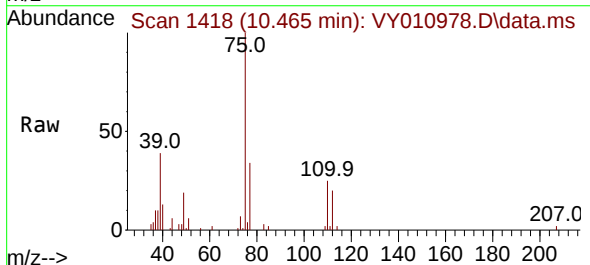
Tgt Ion: 92 Resp: 2059
Ion Ratio Lower Upper
92 100
91 172.7 142.6 213.8

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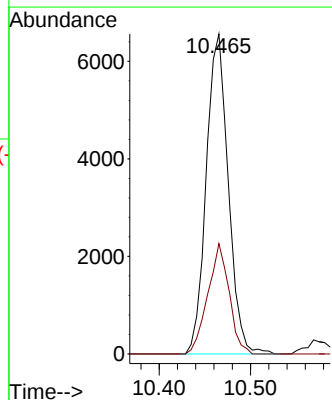
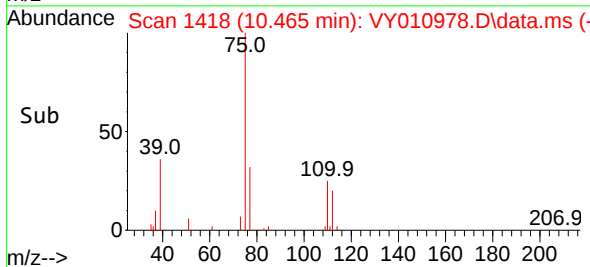
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

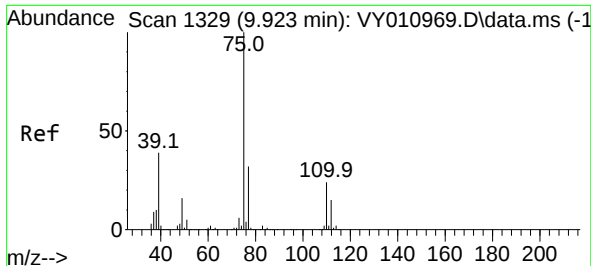


#53
t-1,3-Dichloropropene
Concen: 3.348 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



Tgt Ion: 75 Resp: 10995
Ion Ratio Lower Upper
75 100
77 34.5 25.4 38.2





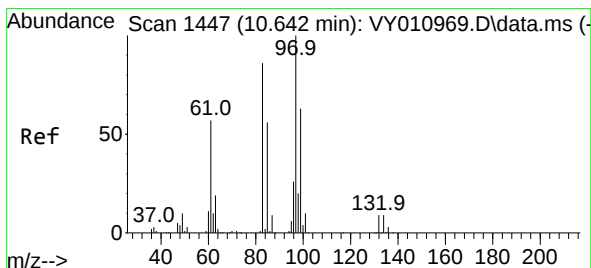
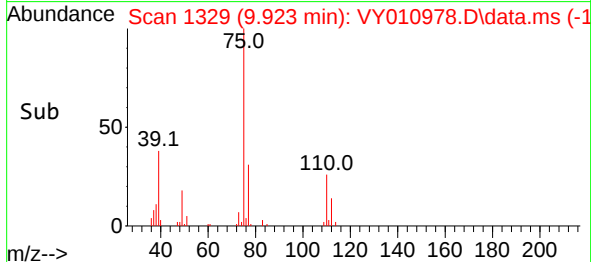
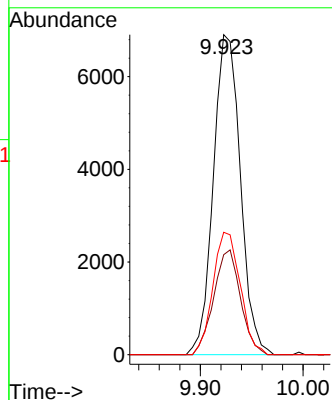
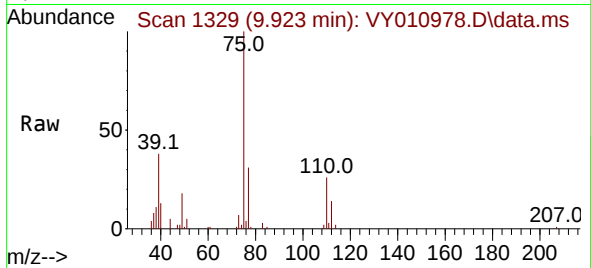
#54
 cis-1,3-Dichloropropene
 Concen: 3.028 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY010978.D
 Acq: 17 Oct 2022 18:29

Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2022

Tgt Ion: 75	Resp: 1261
Ion Ratio	Lower Upper
75 100	
77 31.3	25.6 38.4
39 38.3	47.6 71.4

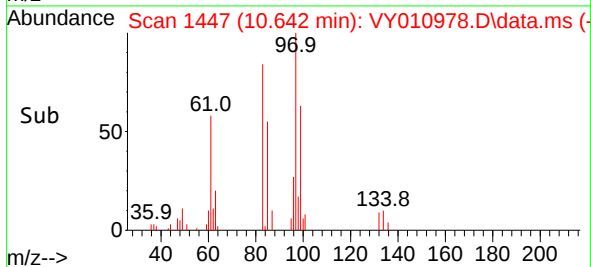
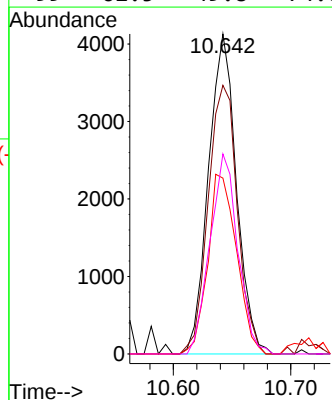
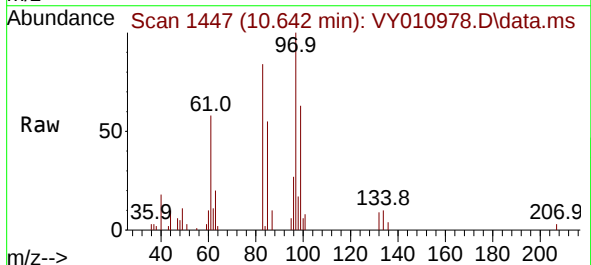
Manual Integrations
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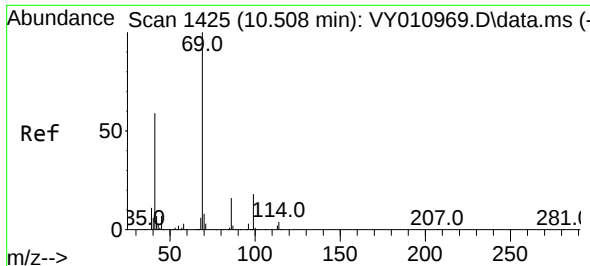
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022



#55
 1,1,2-Trichloroethane
 Concen: 2.677 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY010978.D
 Acq: 17 Oct 2022 18:29

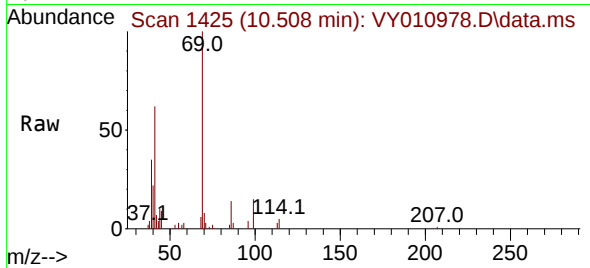
Tgt Ion: 97	Resp: 6825
Ion Ratio	Lower Upper
97 100	
83 83.9	69.8 104.8
85 55.0	44.3 66.5
99 62.5	49.8 74.6





#56
Ethyl methacrylate
Concen: 3.802 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

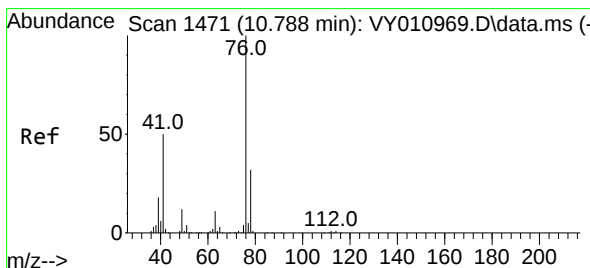
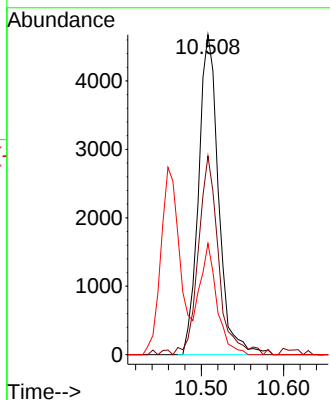
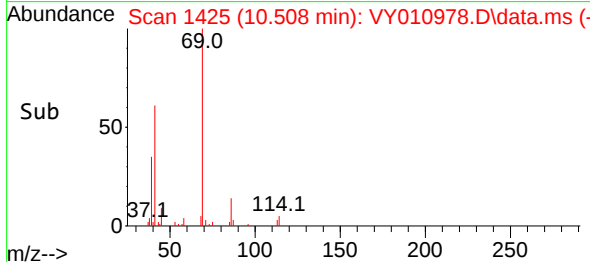
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 69 Resp: 7930
Ion Ratio Lower Upper
69 100
41 62.2 63.4 95.0
39 29.4 35.8 53.8

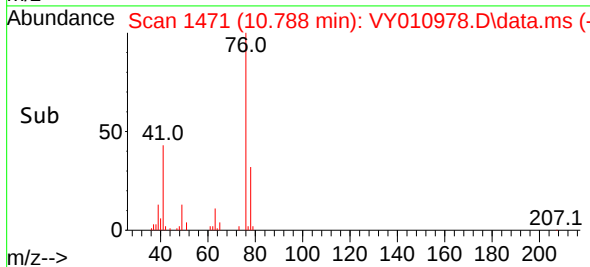
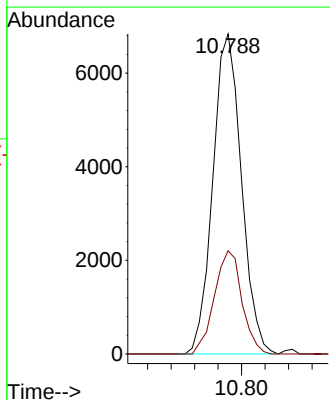
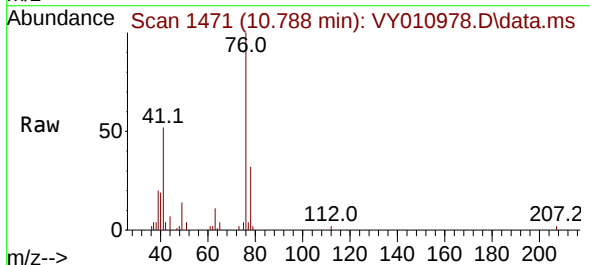
Manual Integrations
APPROVED

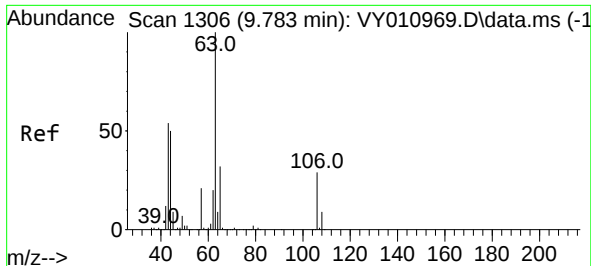
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#57
1,3-Dichloropropane
Concen: 2.515 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Tgt Ion: 76 Resp: 11533
Ion Ratio Lower Upper
76 100
78 31.1 25.0 37.6





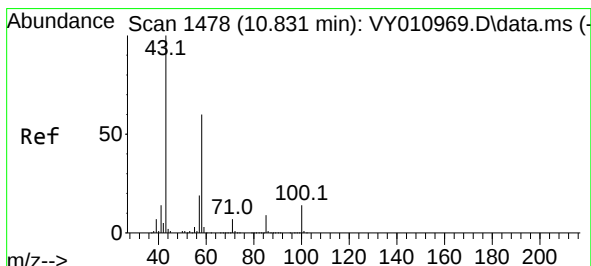
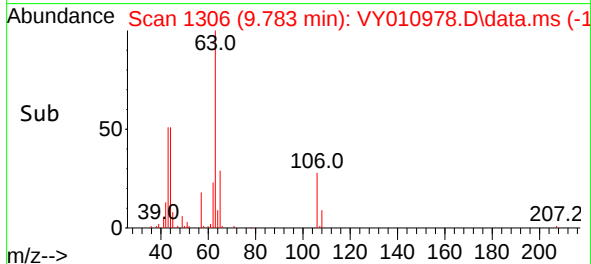
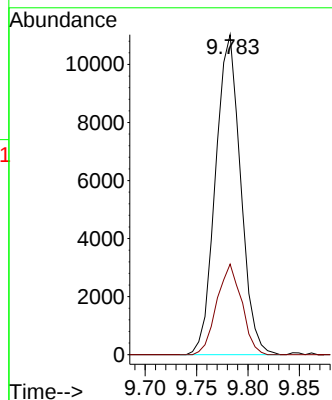
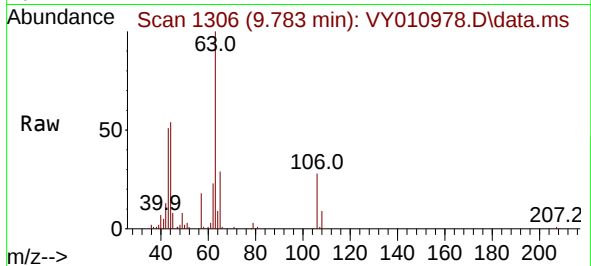
#58
2-Chloroethyl Vinyl ether
Concen: 27.303 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion: 63 Resp: 1870
Ion Ratio Lower Upper
63 100
106 28.0 21.5 32.3

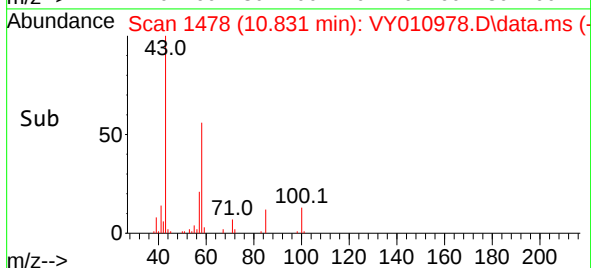
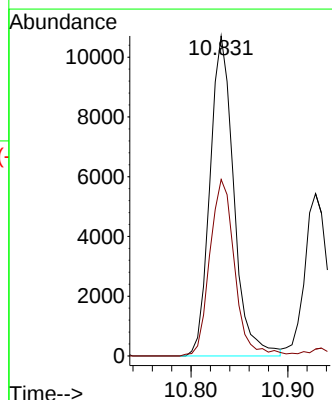
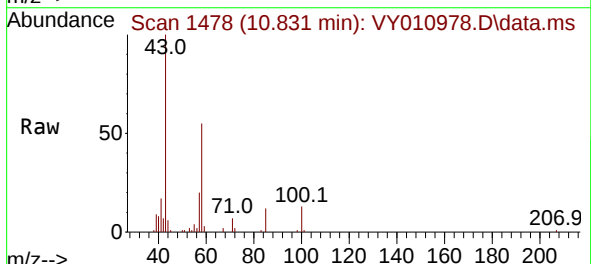
Manual Integrations
APPROVED

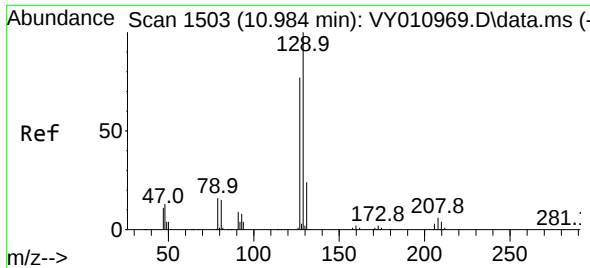
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#59
2-Hexanone
Concen: 12.602 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

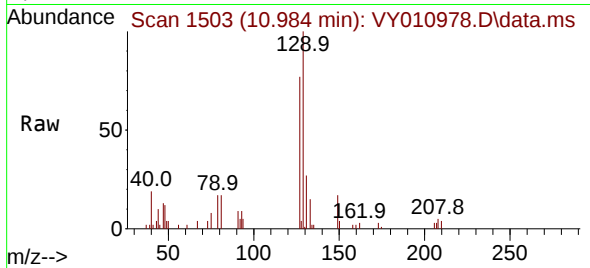
Tgt Ion: 43 Resp: 18376
Ion Ratio Lower Upper
43 100
58 57.2 24.4 73.4





#60
Dibromochloromethane
Concen: 2.724 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

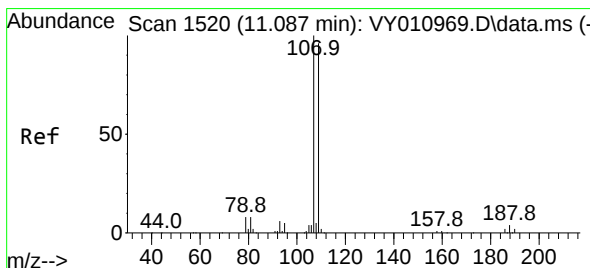
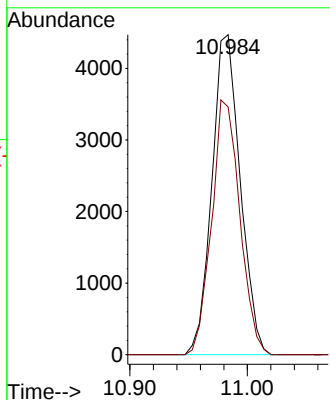
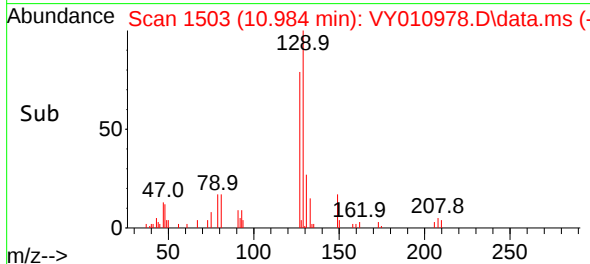
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022



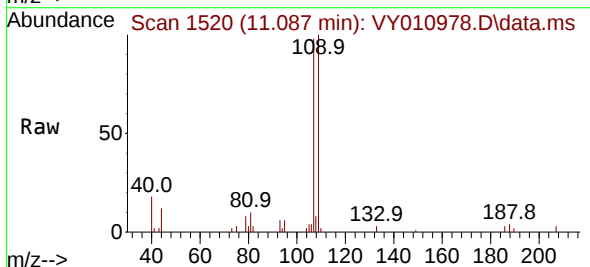
Tgt Ion:129 Resp: 7502
Ion Ratio Lower Upper
129 100
127 79.0 38.7 116.1

Manual Integrations
APPROVED

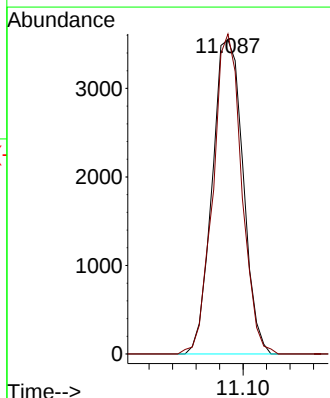
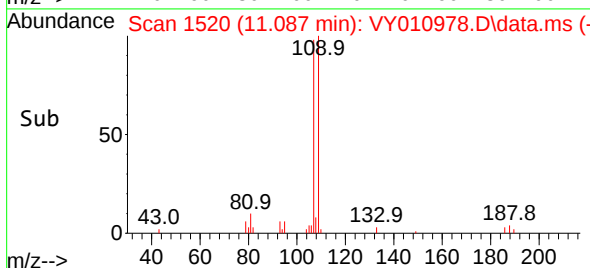
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

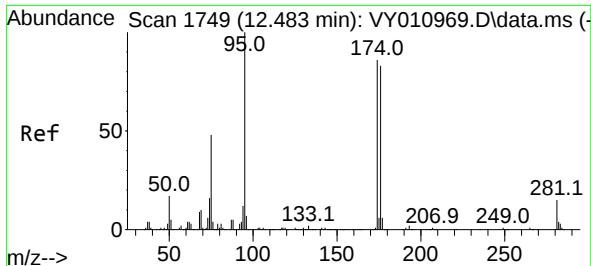


#61
1,2-Dibromoethane
Concen: 2.667 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



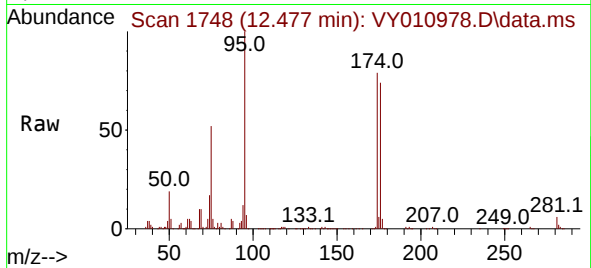
Tgt Ion:107 Resp: 6455
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.2





#62
4-Bromofluorobenzene
Concen: 45.519 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

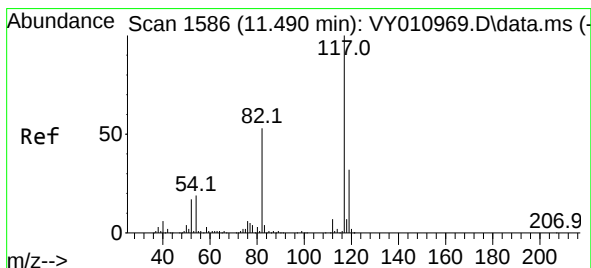
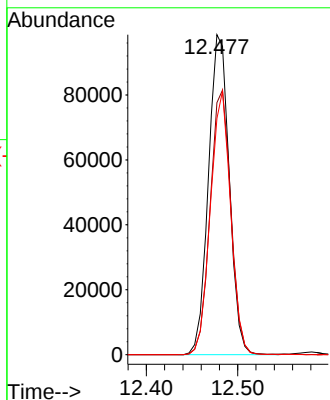
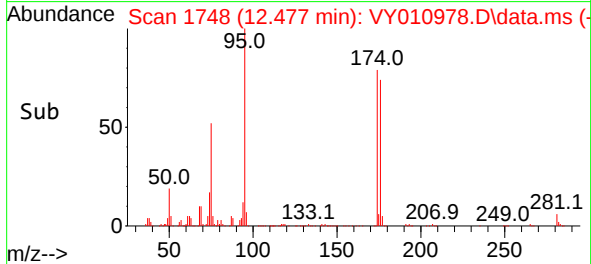
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



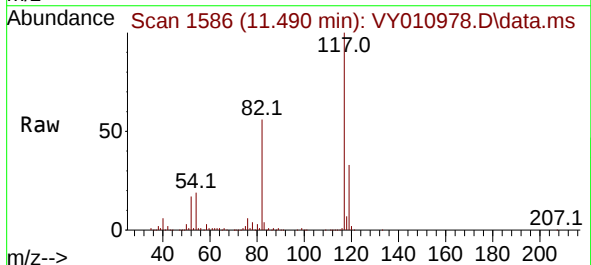
Tgt Ion: 95 Resp: 155852
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 80.3 0.0 175.8

Manual Integrations
APPROVED

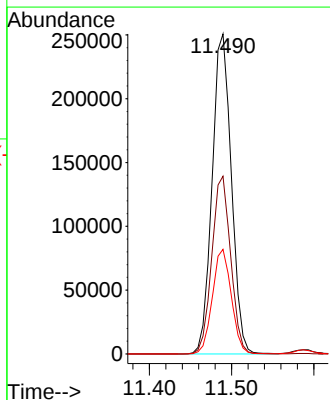
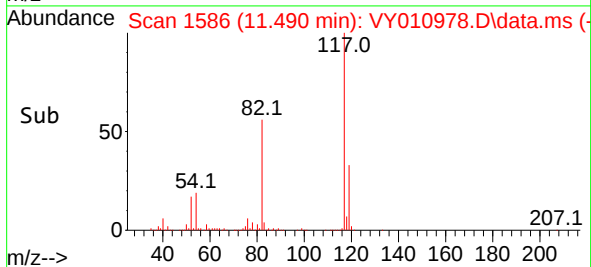
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

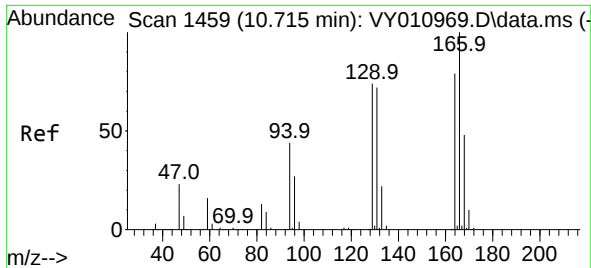


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



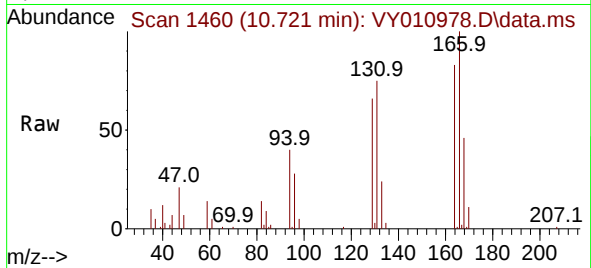
Tgt Ion:117 Resp: 407372
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.7 25.4 38.0





#64
Tetrachloroethene
Concen: 2.301 ug/l
RT: 10.721 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

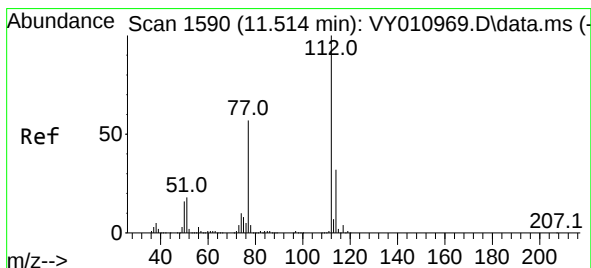
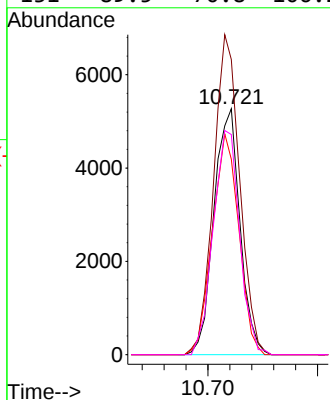
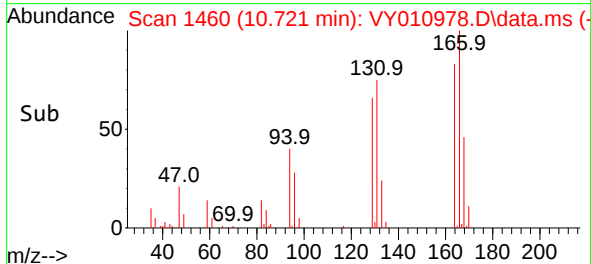
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion:164 Resp: 869
Ion Ratio Lower Upper
164 100
166 120.1 100.4 150.6
129 79.5 71.4 107.0
131 89.5 70.8 106.2

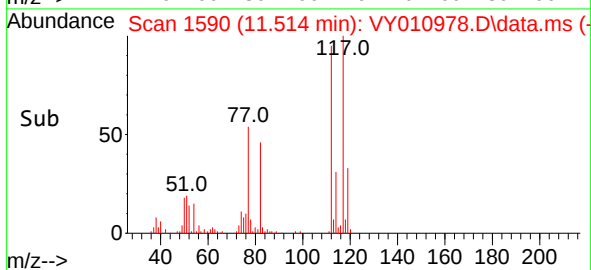
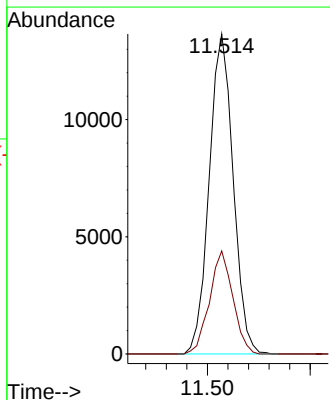
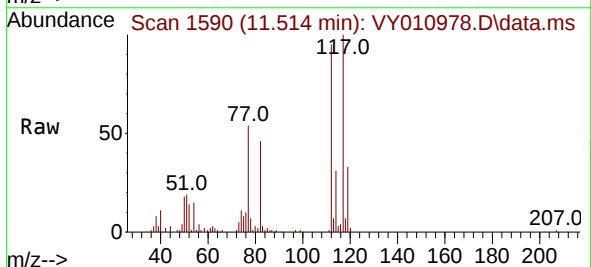
Manual Integrations
APPROVED

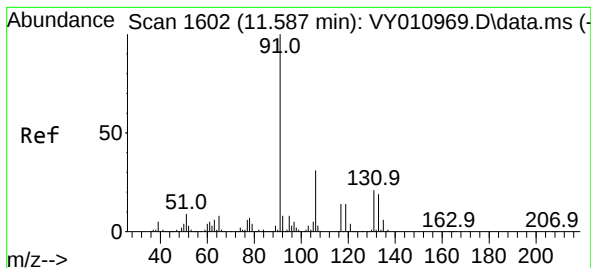
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#65
Chlorobenzene
Concen: 2.478 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Tgt Ion:112 Resp: 22061
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6





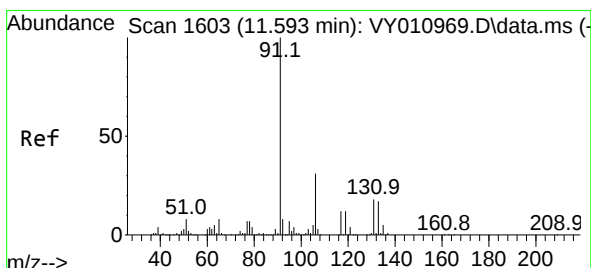
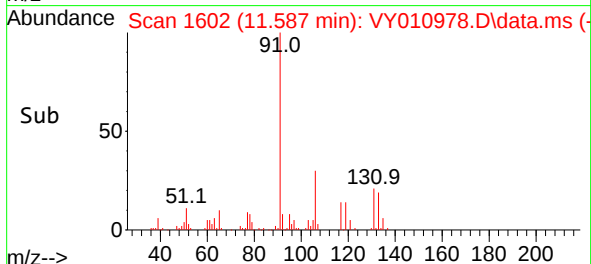
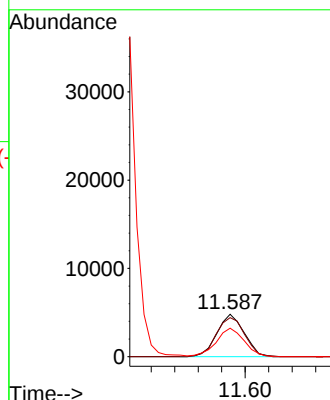
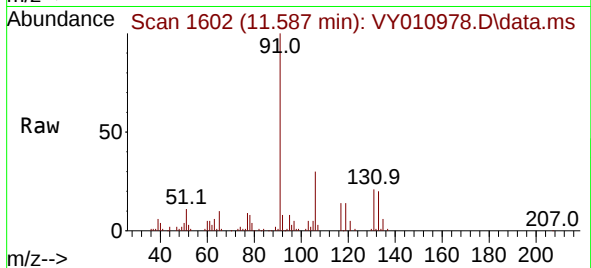
#66
1,1,1,2-Tetrachloroethane
Concen: 2.693 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022

Tgt Ion:131 Resp: 773
Ion Ratio Lower Upper
131 100
133 97.2 47.9 143.6
119 69.0 30.8 92.3

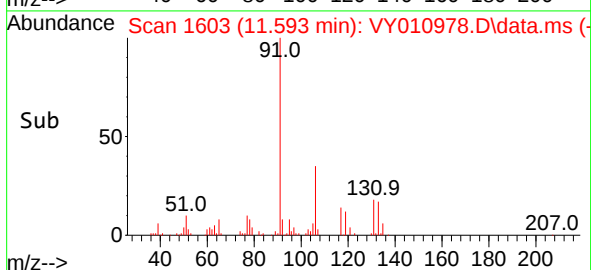
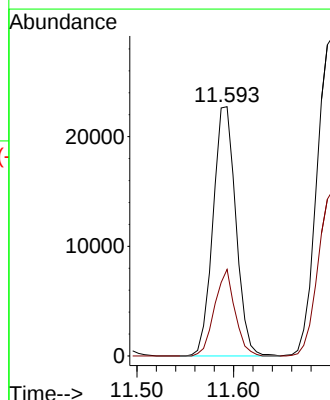
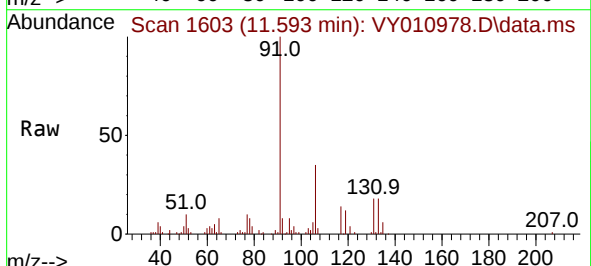
Manual Integrations
APPROVED

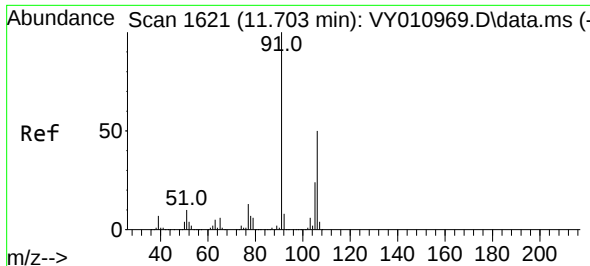
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#67
Ethyl Benzene
Concen: 3.019 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Tgt Ion: 91 Resp: 37265
Ion Ratio Lower Upper
91 100
106 34.8 24.5 36.7





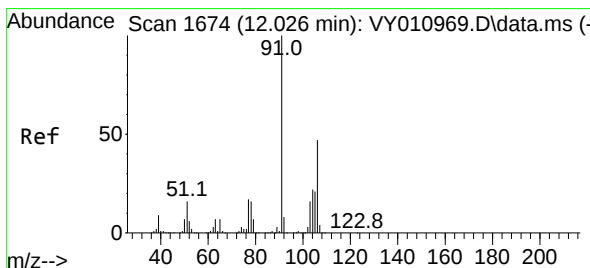
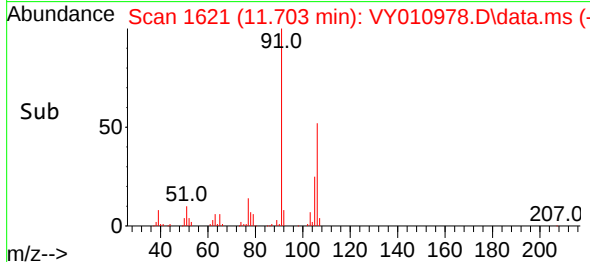
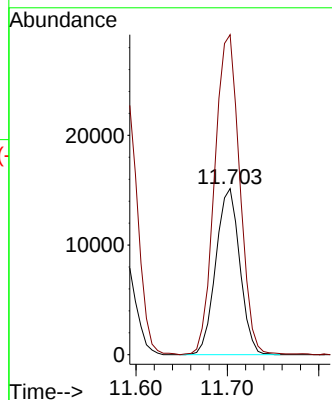
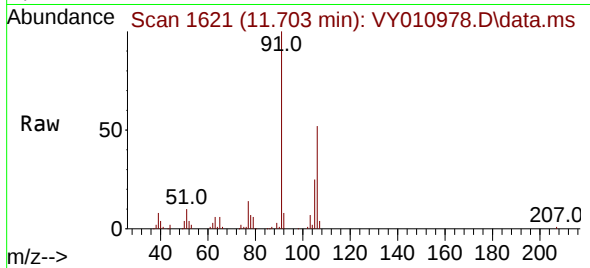
#68
m/p-Xylenes
Concen: 5.702 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion:106 Resp: 2761
Ion Ratio Lower Upper
106 100
91 201.6 166.6 249.8

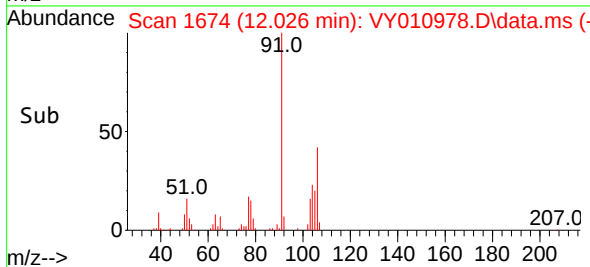
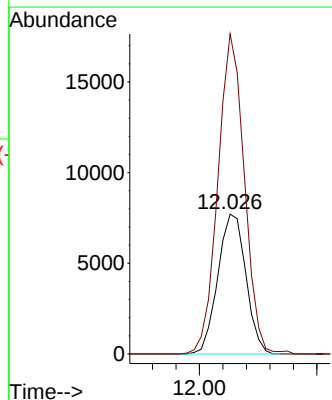
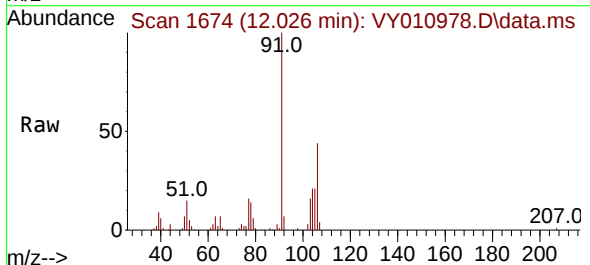
Manual Integrations
APPROVED

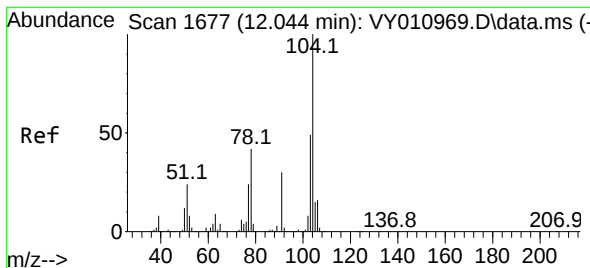
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#69
o-Xylene
Concen: 3.149 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Tgt Ion:106 Resp: 12769
Ion Ratio Lower Upper
106 100
91 216.3 110.3 331.0





#70

Styrene

Concen: 3.046 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

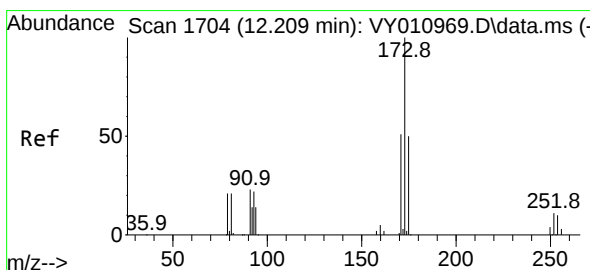
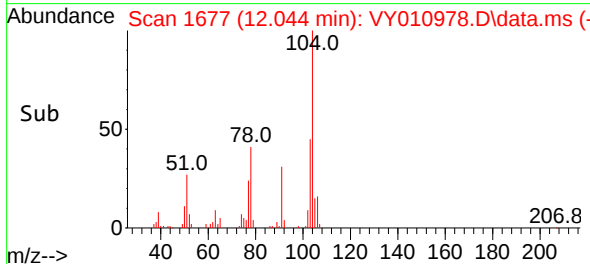
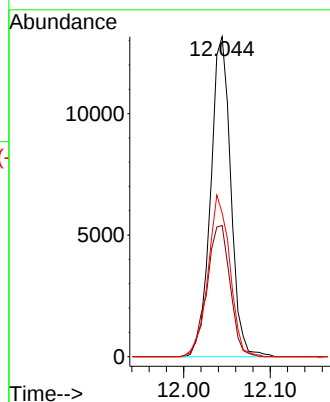
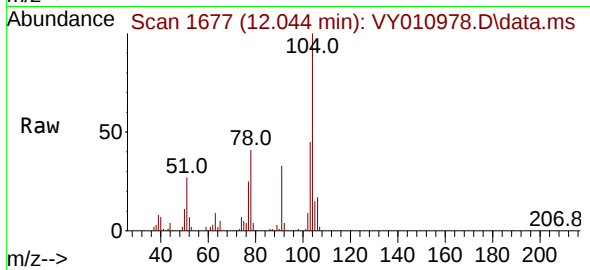
Tgt Ion:104	Resp:	21229
Ion Ratio	Lower	Upper
104	100	
78	47.7	42.4 63.6
103	54.5	44.4 66.6

Manual Integrations

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Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#71

Bromoform

Concen: 3.179 ug/l

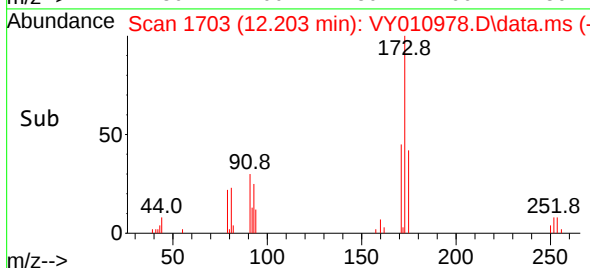
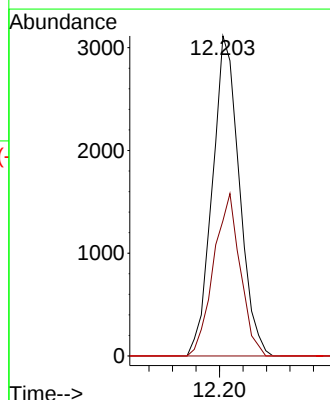
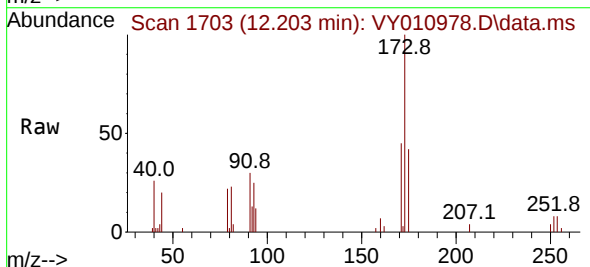
RT: 12.203 min Scan# 1703

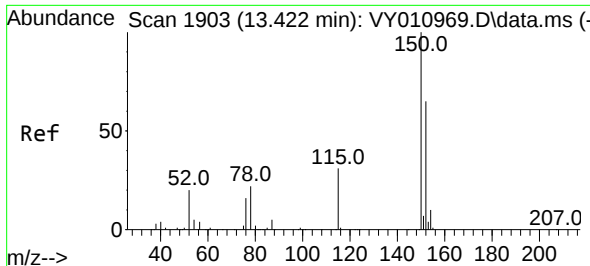
Delta R.T. -0.006 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

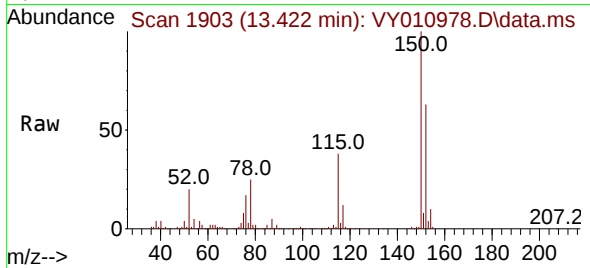
Tgt Ion:173	Resp:	4966
Ion Ratio	Lower	Upper
173	100	
175	50.1	24.6 74.0
254	0.0	0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

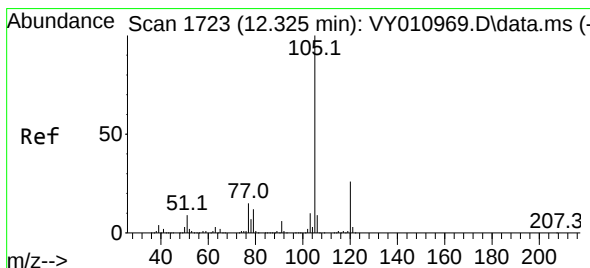
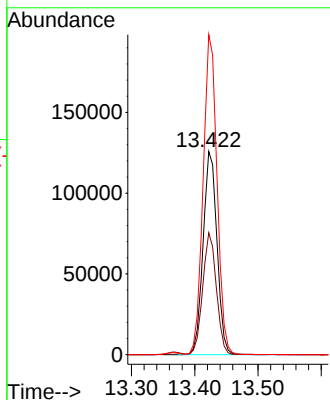
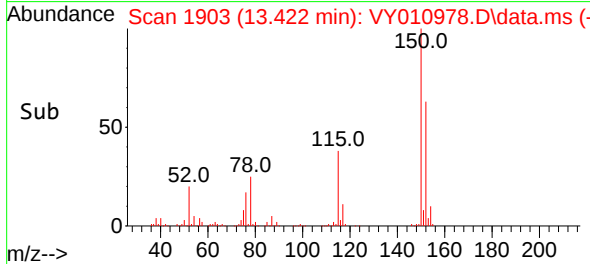
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



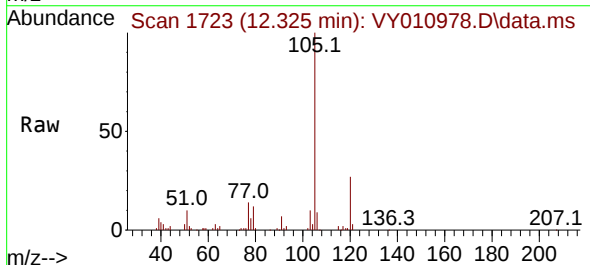
Tgt Ion:152 Resp: 192399
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 157.3 0.0 347.6

Manual Integrations
APPROVED

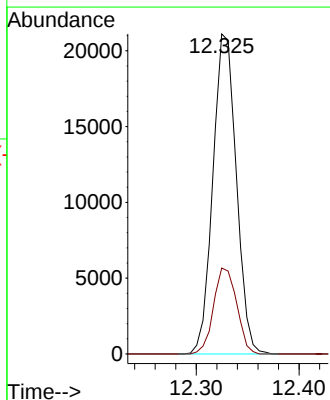
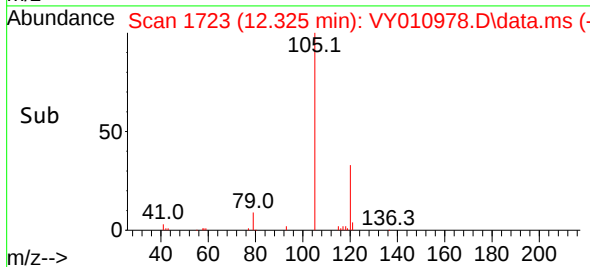
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

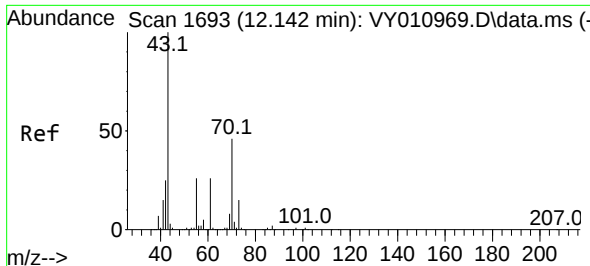


#73
Isopropylbenzene
Concen: 3.202 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



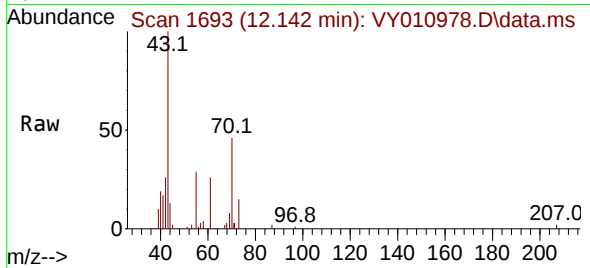
Tgt Ion:105 Resp: 33449
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2





#74
N-amy1 acetate
Concen: 3.913 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

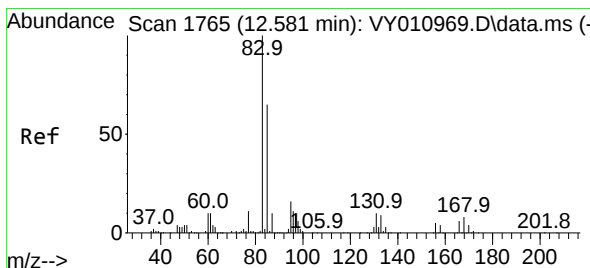
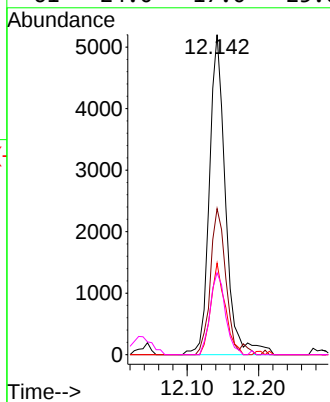
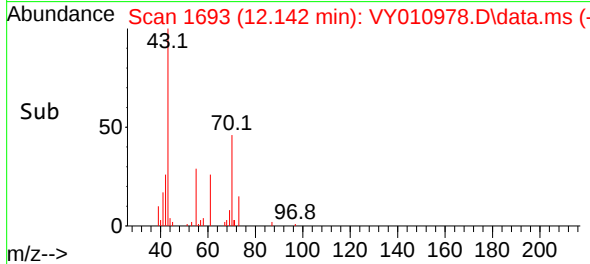
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022



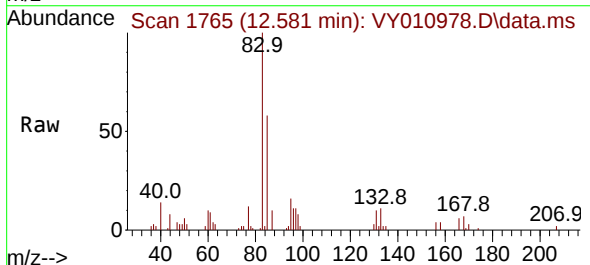
Tgt Ion:	43	Resp:	814
Ion Ratio	100	Lower	Upper
70	42.9	28.7	43.1
55	25.4	17.3	25.9
61	24.0	17.0	25.6

Manual Integrations
APPROVED

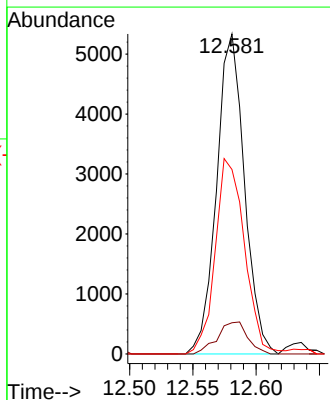
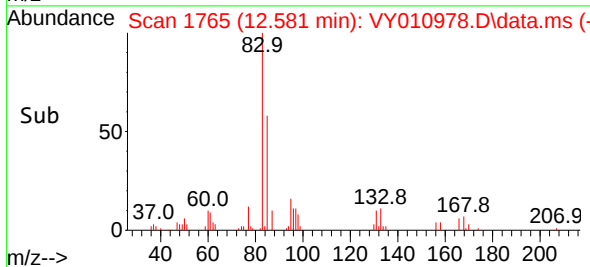
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

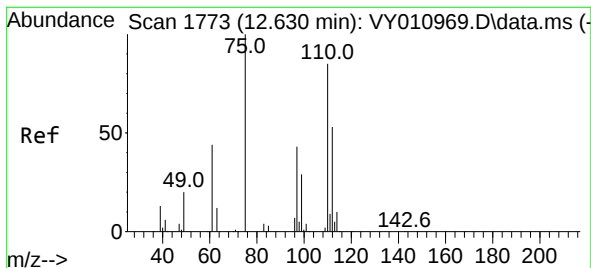


#75
1,1,2,2-Tetrachloroethane
Concen: 2.894 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



Tgt Ion:	83	Resp:	8166
Ion Ratio	100	Lower	Upper
131	10.9	5.6	16.8
85	64.1	32.3	96.8





#76

1,2,3-Trichloropropane

Concen: 2.127 ug/l m

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

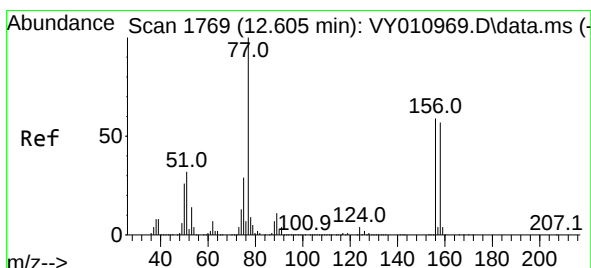
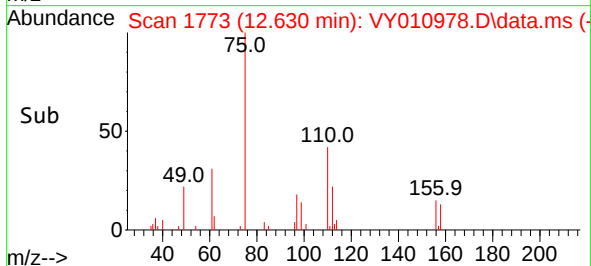
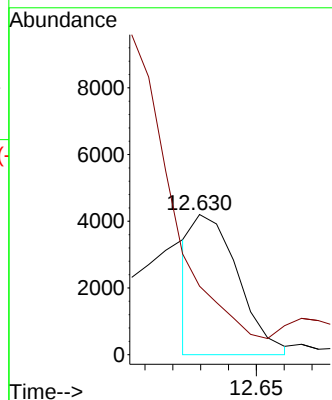
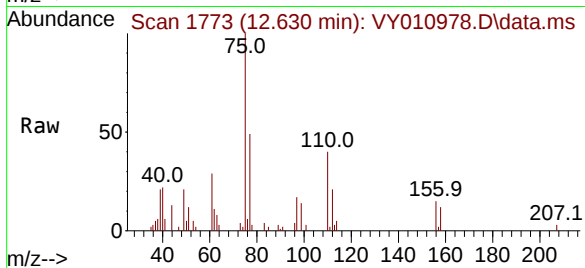
Tgt Ion: 75 Resp: 475
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#77

Bromobenzene

Concen: 3.264 ug/l

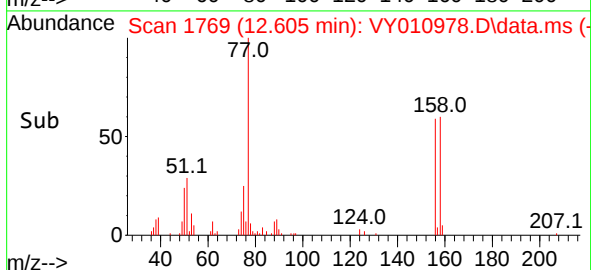
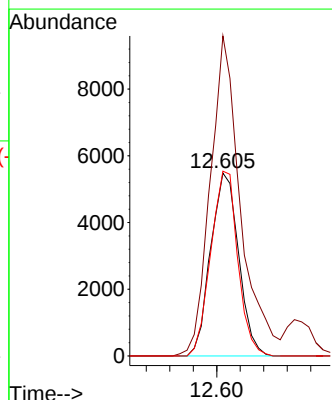
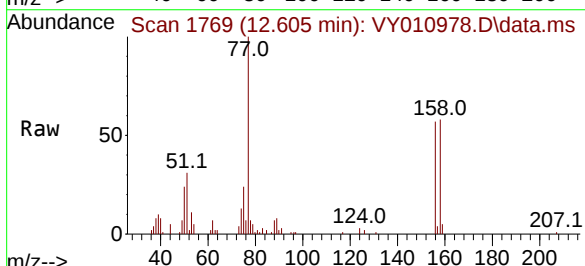
RT: 12.605 min Scan# 1769

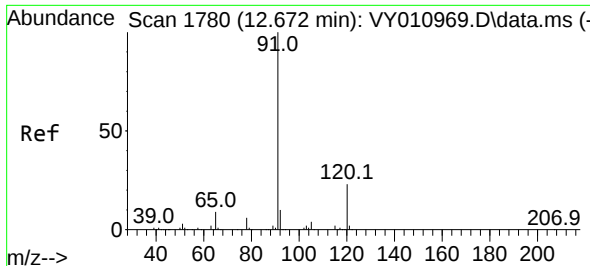
Delta R.T. 0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

Tgt Ion:156 Resp: 9080
 Ion Ratio Lower Upper
 156 100
 77 189.4 95.5 286.4
 158 97.3 48.0 144.0





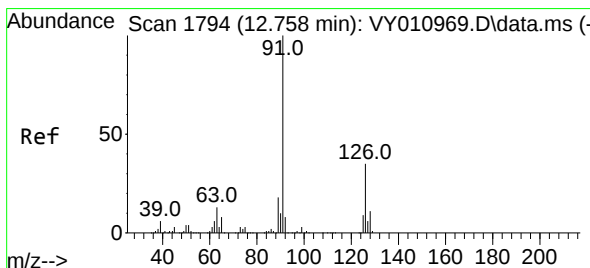
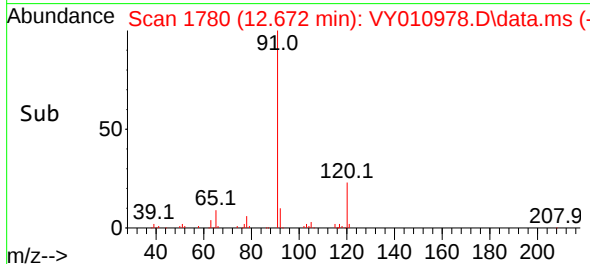
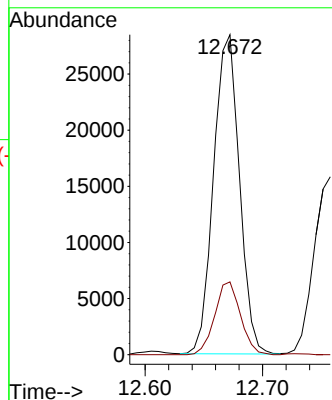
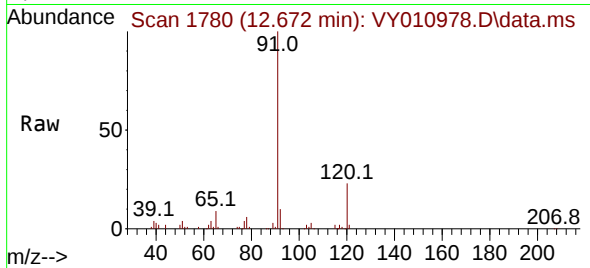
#78
n-propylbenzene
Concen: 2.933 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022

Tgt Ion: 91 Resp: 43470
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9

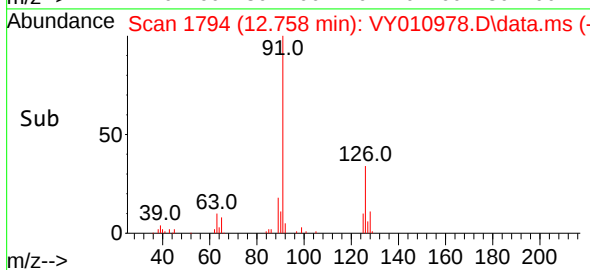
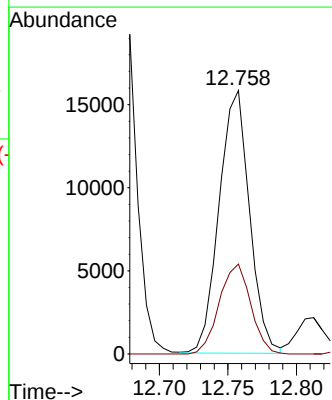
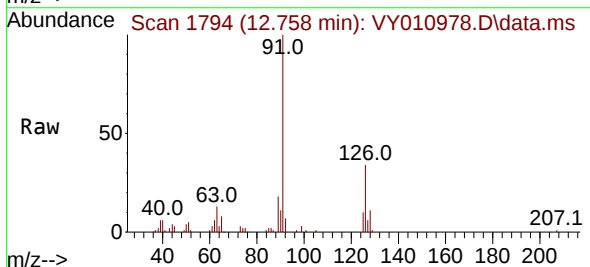
Manual Integrations
APPROVED

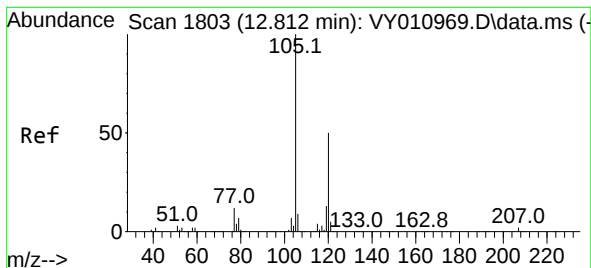
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#79
2-Chlorotoluene
Concen: 3.129 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Tgt Ion: 91 Resp: 24421
Ion Ratio Lower Upper
91 100
126 35.2 16.9 50.6





#80

1,3,5-Trimethylbenzene

Concen: 2.678 ug/l

RT: 12.812 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion:105 Resp: 2791

Ion Ratio Lower Upper

105 100

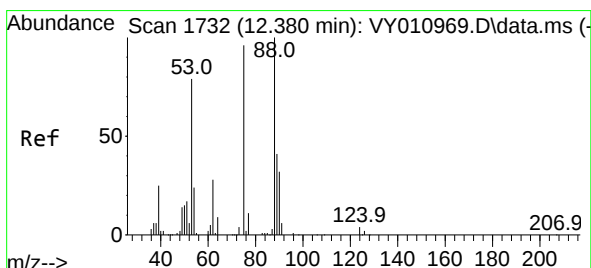
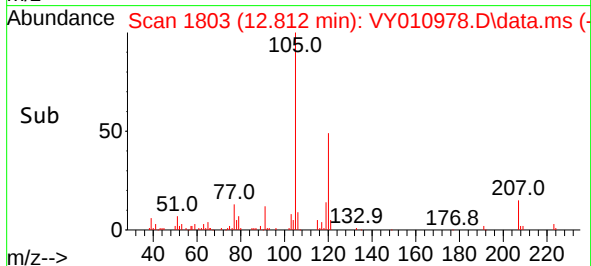
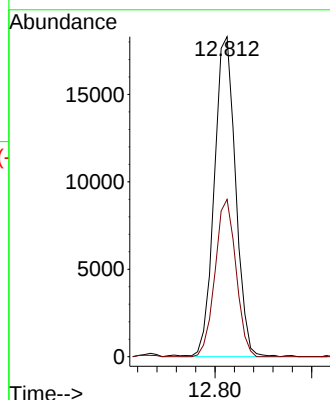
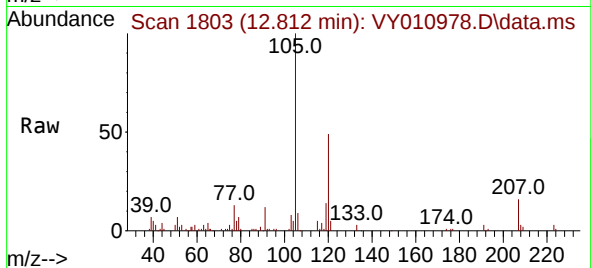
120 48.3 24.4 73.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#81

trans-1,4-Dichloro-2-butene

Concen: 3.766 ug/l

RT: 12.374 min Scan# 1731

Delta R.T. -0.006 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

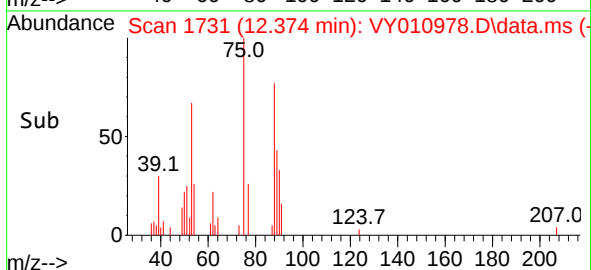
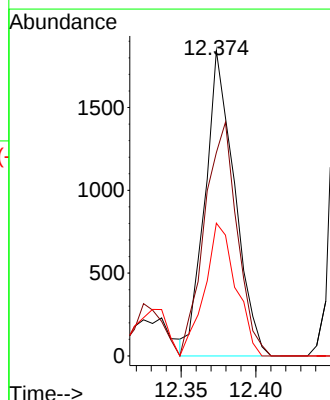
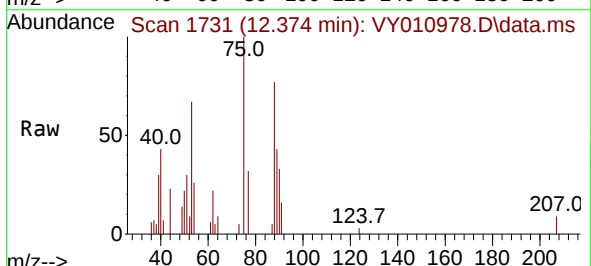
Tgt Ion: 75 Resp: 2529

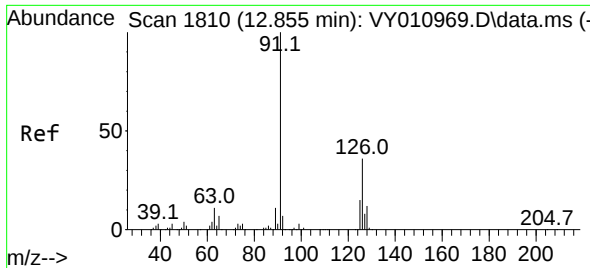
Ion Ratio Lower Upper

75 100

53 85.0 85.3 127.9#

89 46.1 37.0 55.4





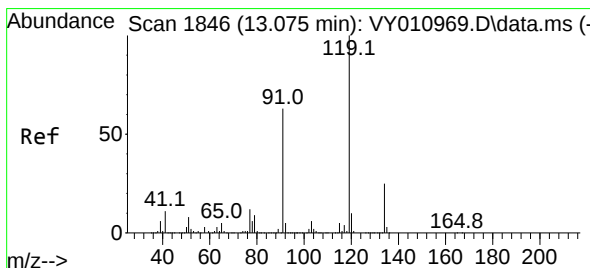
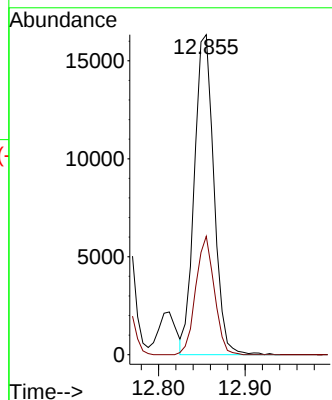
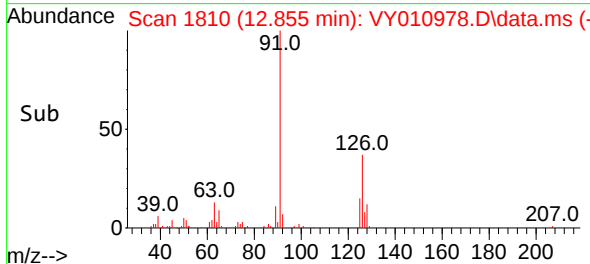
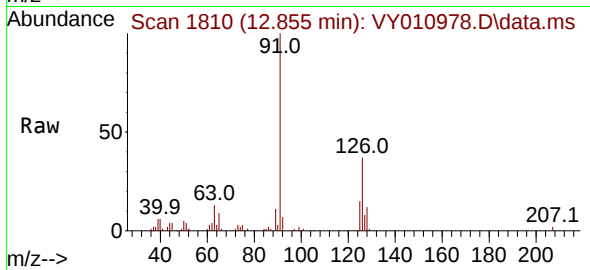
#82
4-Chlorotoluene
Concen: 2.852 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion: 91 Resp: 2558
Ion Ratio Lower Upper
91 100
126 35.2 17.0 51.0

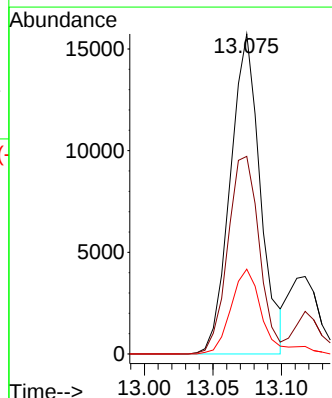
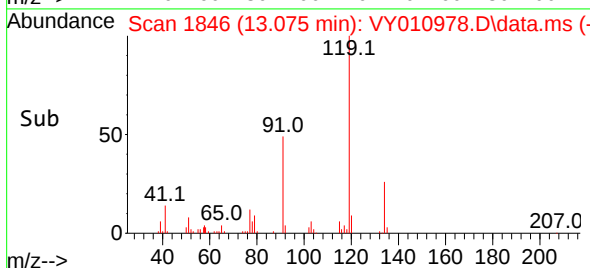
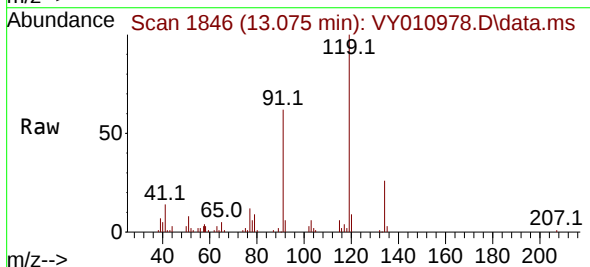
Manual Integrations
APPROVED

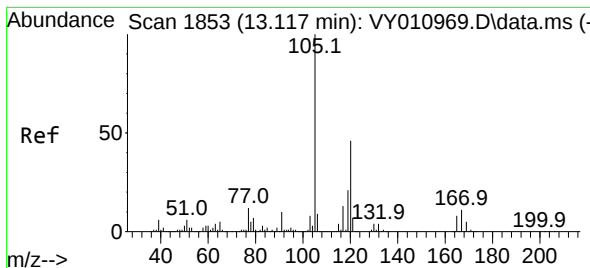
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#83
tert-Butylbenzene
Concen: 3.277 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Tgt Ion:119 Resp: 24078
Ion Ratio Lower Upper
119 100
91 64.6 34.8 104.4
134 28.0 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 2.786 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion:105 Resp: 2707

Ion Ratio Lower Upper

105 100

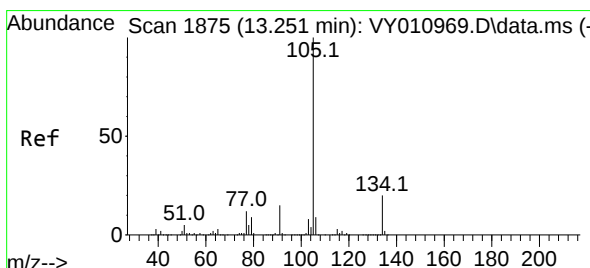
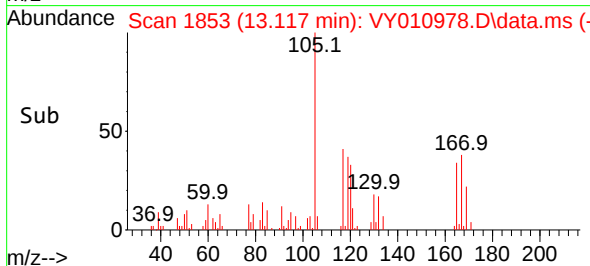
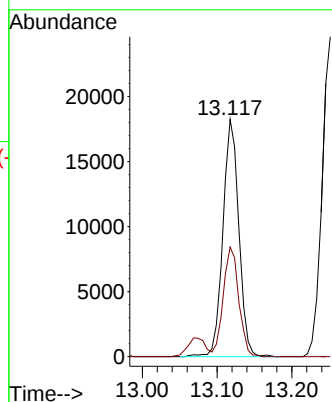
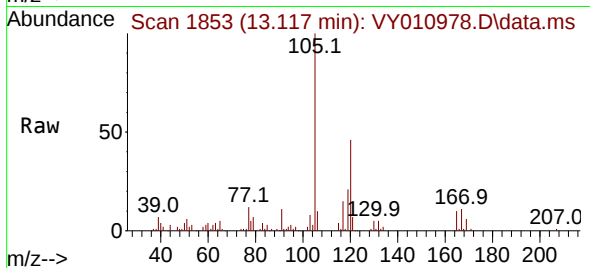
120 44.9 22.3 66.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#85

sec-Butylbenzene

Concen: 2.666 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010978.D

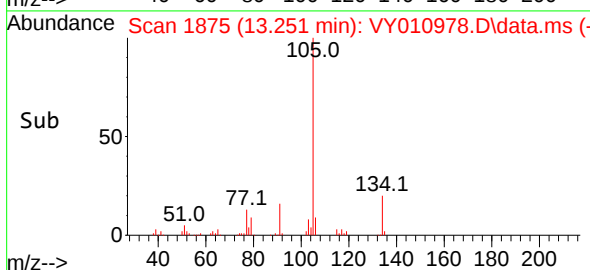
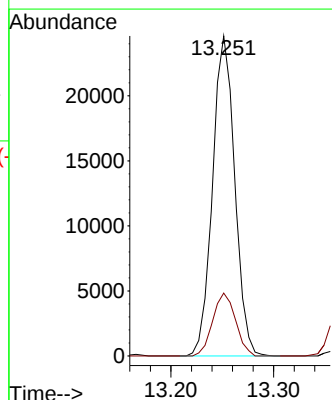
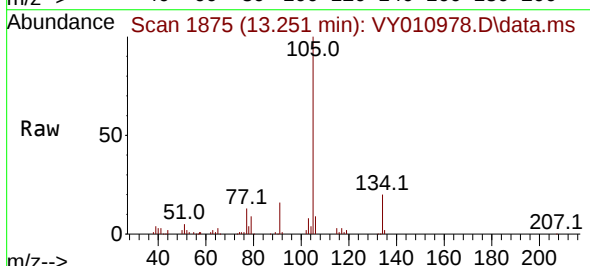
Acq: 17 Oct 2022 18:29

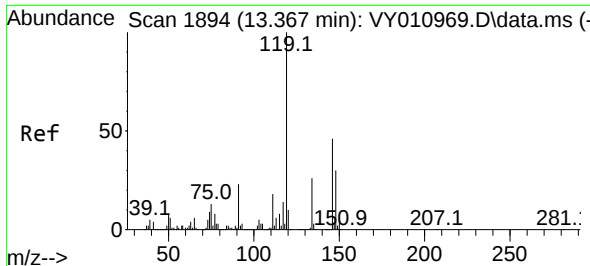
Tgt Ion:105 Resp: 36850

Ion Ratio Lower Upper

105 100

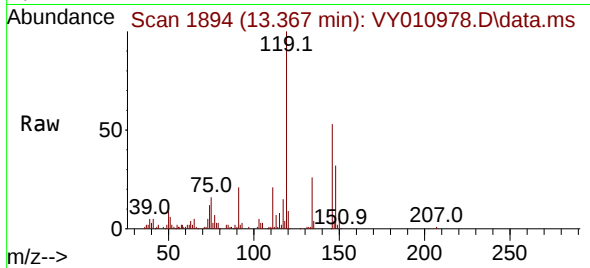
134 20.2 10.2 30.4





#86
p-Isopropyltoluene
Concen: 2.949 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

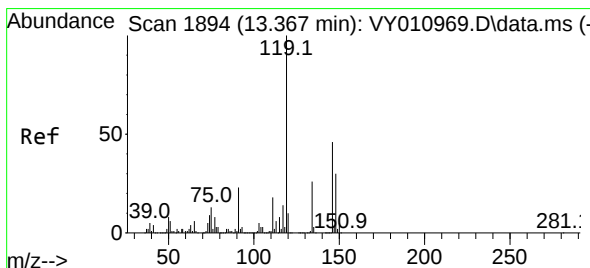
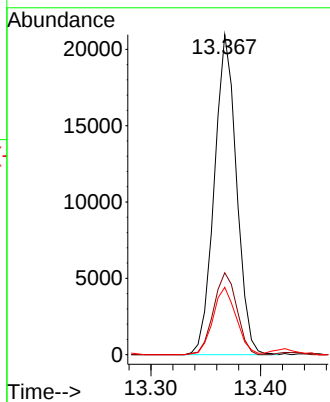
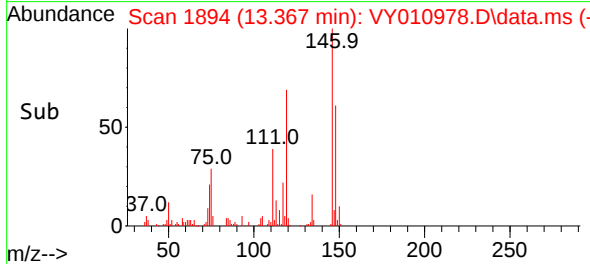
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022



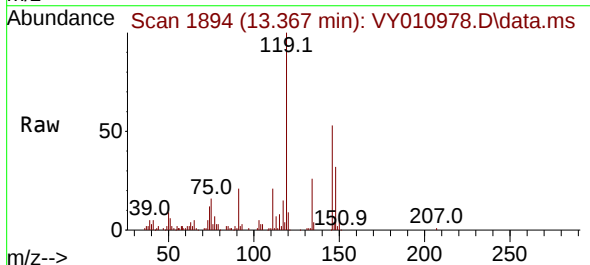
Tgt Ion:119 Resp: 2954
Ion Ratio Lower Upper
119 100
134 26.7 13.2 39.5
91 22.0 12.4 37.2

Manual Integrations
APPROVED

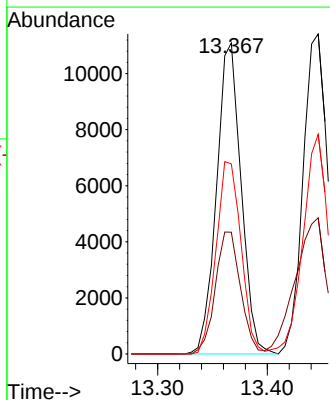
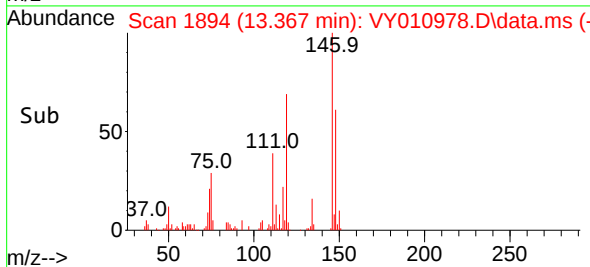
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

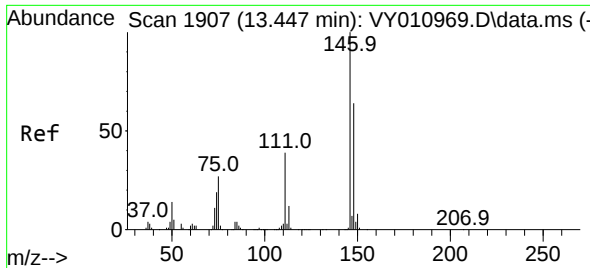


#87
1,3-Dichlorobenzene
Concen: 2.789 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



Tgt Ion:146 Resp: 17296
Ion Ratio Lower Upper
146 100
111 40.3 19.5 58.5
148 63.0 31.6 95.0





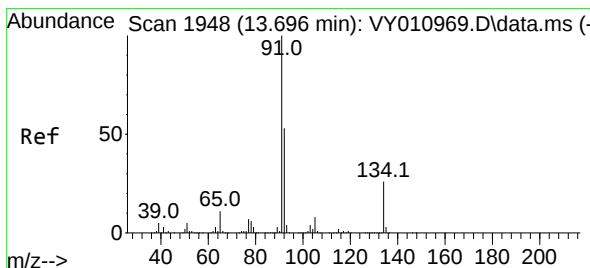
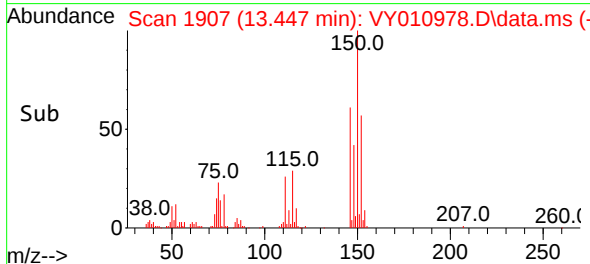
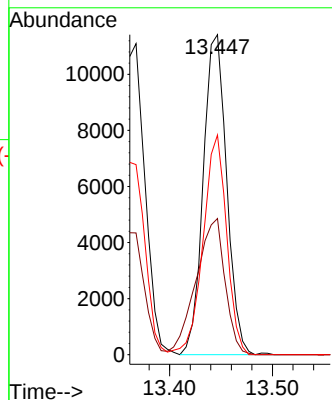
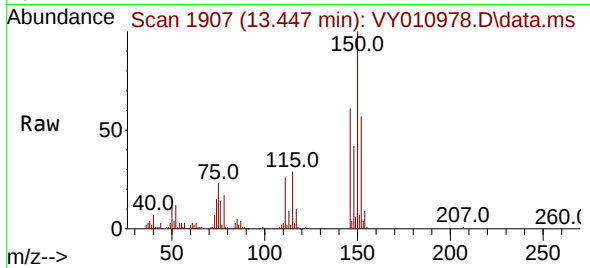
#88
1,4-Dichlorobenzene
Concen: 2.604 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022

Tgt Ion:146 Resp: 1810
Ion Ratio Lower Upper
146 100
111 52.6 19.3 57.8
148 68.7 32.6 97.8

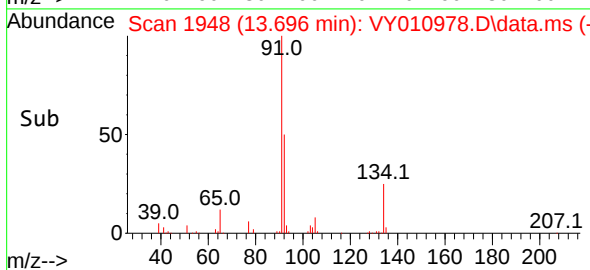
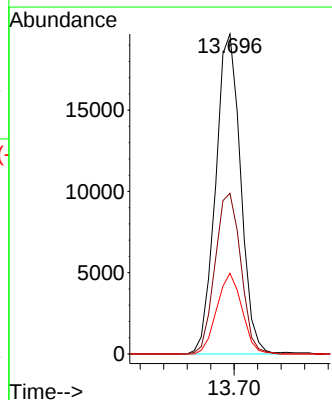
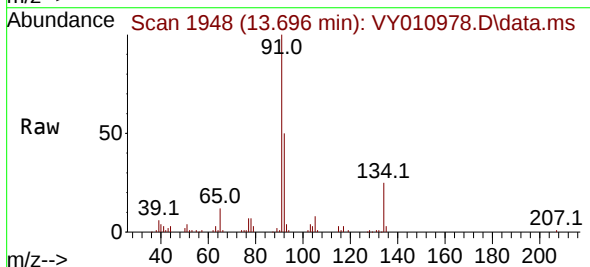
Manual Integrations
APPROVED

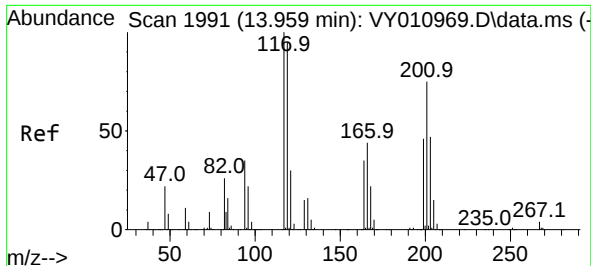
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#89
n-Butylbenzene
Concen: 2.923 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Tgt Ion: 91 Resp: 29104
Ion Ratio Lower Upper
91 100
92 51.7 26.3 78.9
134 25.4 13.0 38.9





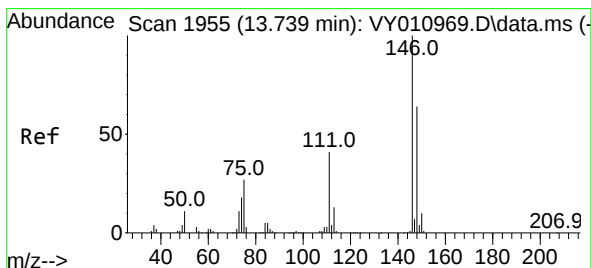
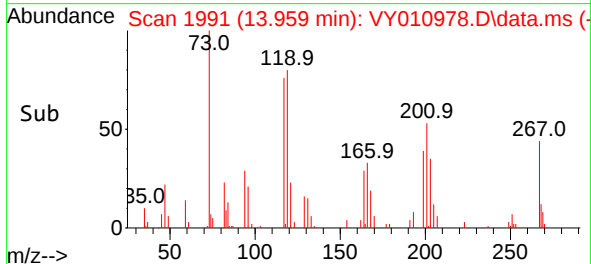
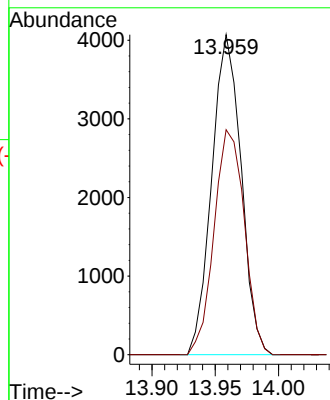
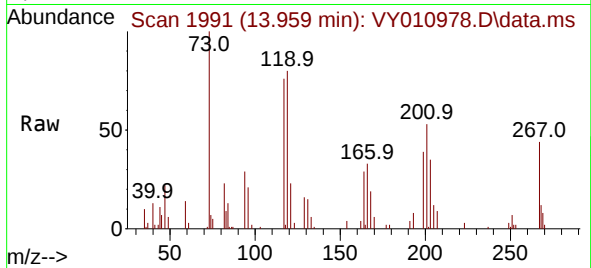
#90
Hexachloroethane
Concen: 2.822 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022

Tgt Ion:117 Resp: 656
Ion Ratio Lower Upper
117 100
201 72.6 43.0 128.8

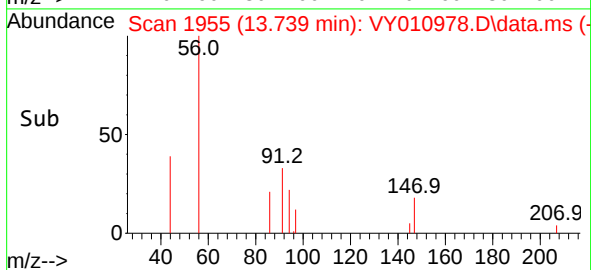
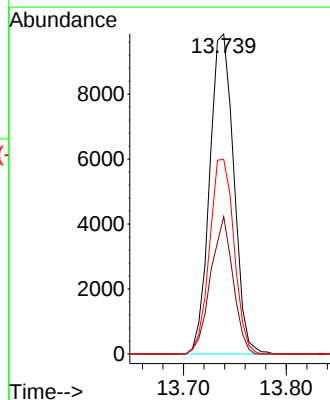
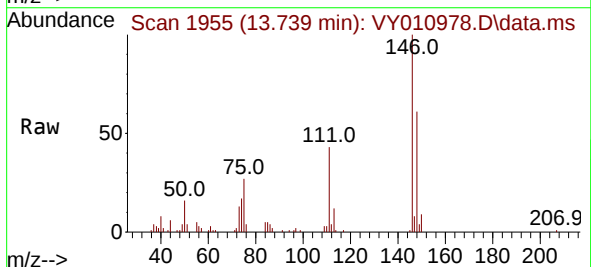
Manual Integrations
APPROVED

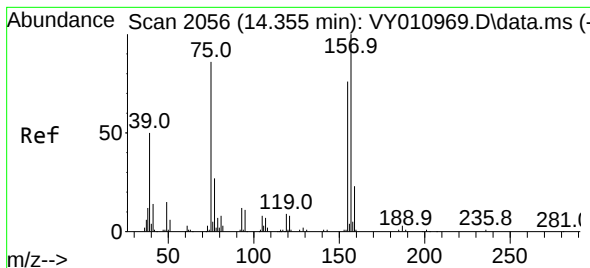
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#91
1,2-Dichlorobenzene
Concen: 2.613 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

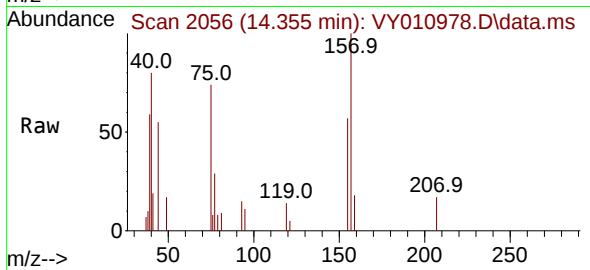
Tgt Ion:146 Resp: 16034
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.9
148 61.8 32.3 96.9





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.636 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29

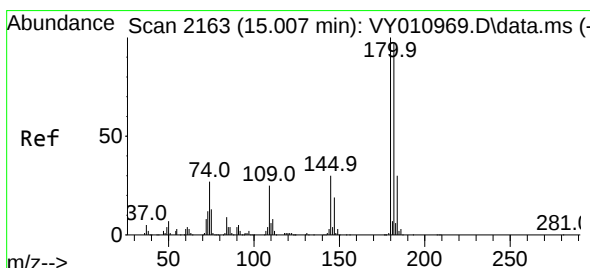
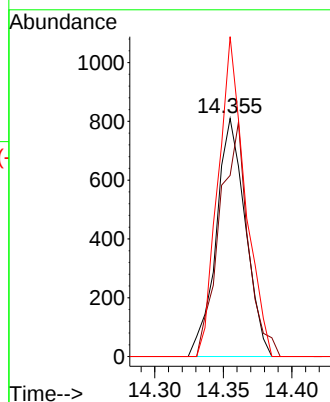
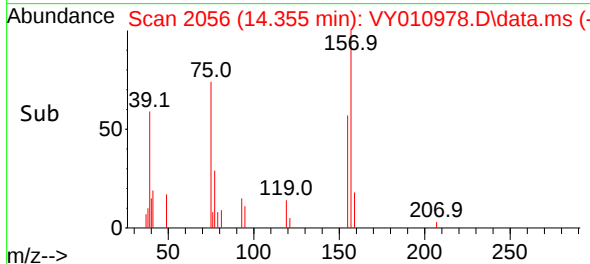
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



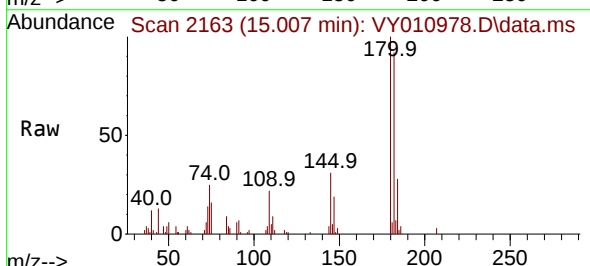
Tgt Ion: 75 Resp: 120
Ion Ratio Lower Upper
75 100
155 95.4 38.0 113.9
157 124.1 47.8 143.3

Manual Integrations
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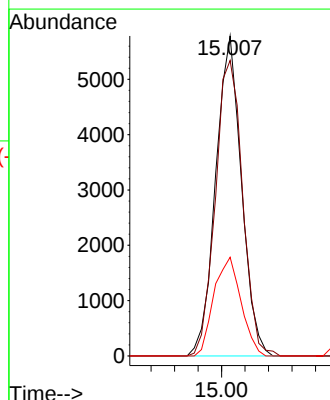
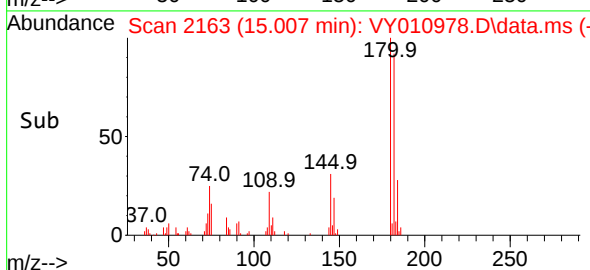
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

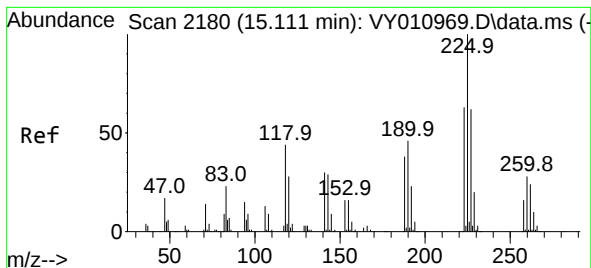


#93
1,2,4-Trichlorobenzene
Concen: 3.680 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY010978.D
Acq: 17 Oct 2022 18:29



Tgt Ion:180 Resp: 8815
Ion Ratio Lower Upper
180 100
182 97.3 47.3 141.9
145 32.4 14.6 43.8





#94

Hexachlorobutadiene

Concen: 2.730 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

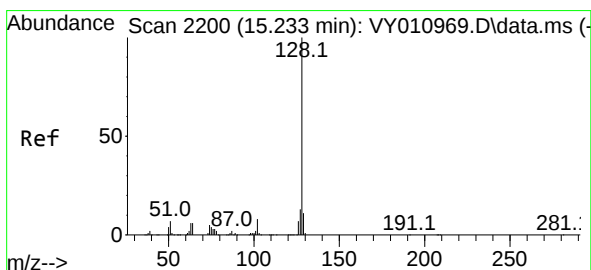
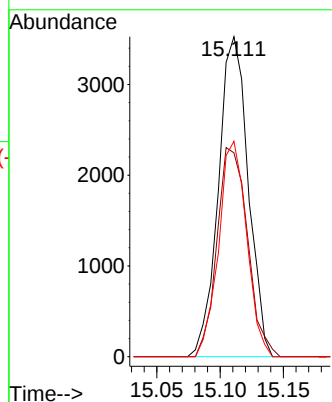
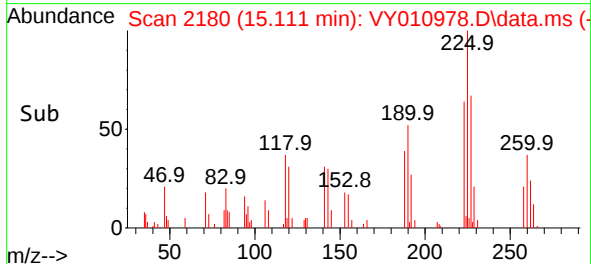
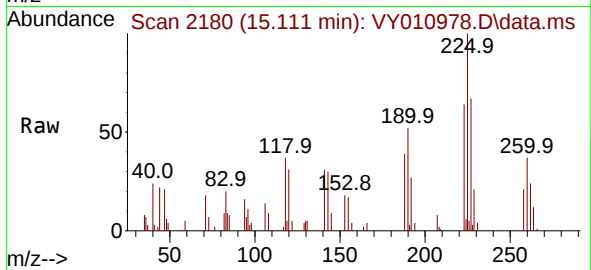
Tgt Ion:	225	Resp:	577
Ion Ratio	Lower	Upper	
225	100		
223	66.9	30.8	92.3
227	63.1	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#95

Naphthalene

Concen: 4.378 ug/l

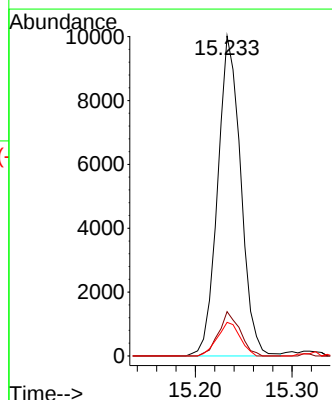
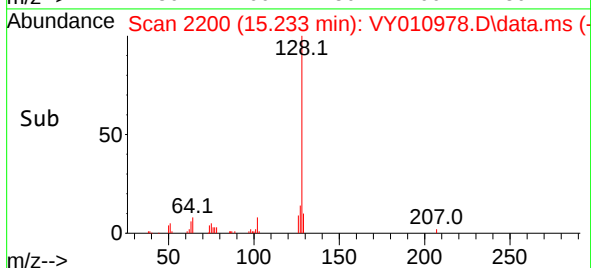
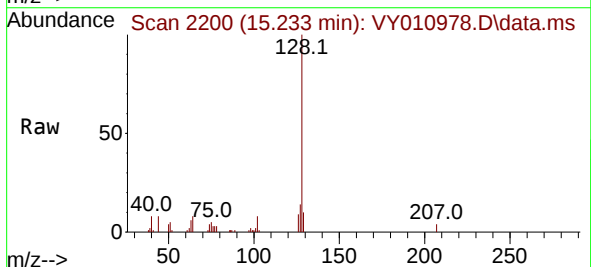
RT: 15.233 min Scan# 2200

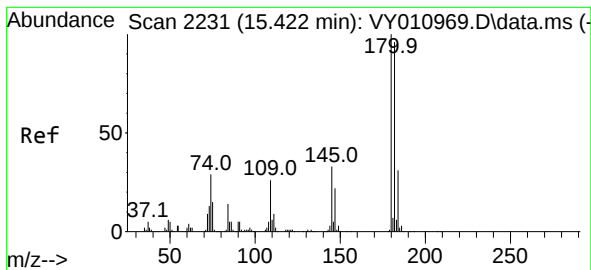
Delta R.T. -0.000 min

Lab File: VY010978.D

Acq: 17 Oct 2022 18:29

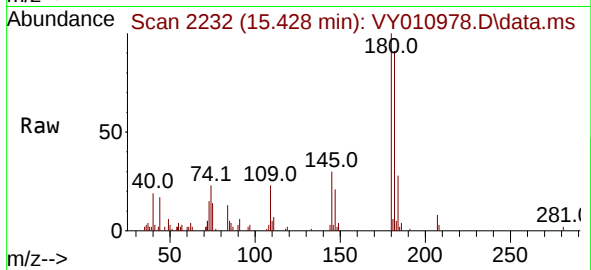
Tgt Ion:	128	Resp:	16628
Ion Ratio	Lower	Upper	
128	100		
127	12.9	11.0	16.4
129	10.3	8.4	12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 3.353 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY010978.D
 Acq: 17 Oct 2022 18:29

Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2022



Tgt Ion:	180	Resp:	7528
Ion Ratio	Lower	Upper	
180	100		
182	98.2	47.3	141.9
145	33.1	15.3	45.9

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

