

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101722\
 Data File : VY010979.D
 Acq On : 17 Oct 2022 18:52
 Operator : KP/MD
 Sample : N4955-03 4.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 18 02:00:53 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	268333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	454201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	406117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126532	54.233	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.460%			
35) Dibromofluoromethane	7.716	113	126403	49.922	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.840%			
50) Toluene-d8	10.179	98	457686	49.781	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.477	95	158719	47.066	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	7878	3.781	ug/l	97
3) Chloromethane	2.113	50	12139	3.514	ug/l	97
4) Vinyl Chloride	2.247	62	13286	3.806	ug/l	96
5) Bromomethane	2.644	94	10780	3.948	ug/l	99
6) Chloroethane	2.790	64	8992	4.059	ug/l	99
7) Trichlorofluoromethane	3.125	101	18478	4.086	ug/l	98
8) Diethyl Ether	3.528	74	6946	4.193	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	11607	4.101	ug/l	93
10) Methyl Iodide	4.088	142	13529	5.193	ug/l	91
11) Tert butyl alcohol	4.936	59	11513	21.546	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	11501	4.284	ug/l #	75
13) Acrolein	3.729	56	8291	17.775	ug/l	91
14) Allyl chloride	4.472	41	17769	4.524	ug/l #	86
15) Acrylonitrile	5.155	53	18317	19.955	ug/l	97
16) Acetone	3.942	43	15025	10.705	ug/l #	89
17) Carbon Disulfide	4.186	76	34962	3.759	ug/l	99
18) Methyl Acetate	4.472	43	14387	4.564	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	30238	4.601	ug/l	96
20) Methylene Chloride	4.704	84	27834	2.954	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	12840	4.086	ug/l #	80
22) Diisopropyl ether	6.112	45	35914	3.941	ug/l	97
23) Vinyl Acetate	6.058	43	92273	20.838	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	23100	4.175	ug/l	96
25) 2-Butanone	6.978	43	23371	17.690	ug/l	91
26) 2,2-Dichloropropane	6.972	77	20171	4.316	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	14196	4.337	ug/l	93
28) Bromochloromethane	7.326	49	7365	7.222	ug/l	84
29) Tetrahydrofuran	7.344	42	14708	19.412	ug/l #	88
30) Chloroform	7.502	83	23513	4.200	ug/l	100
31) Cyclohexane	7.783	56	23969	4.363	ug/l #	54
32) 1,1,1-Trichloroethane	7.698	97	19851	4.413	ug/l	96
36) 1,1-Dichloropropene	7.917	75	17474	4.199	ug/l	99
37) Ethyl Acetate	7.070	43	10607	4.439	ug/l	98
38) Carbon Tetrachloride	7.899	117	18814	4.550	ug/l	96
39) Methylcyclohexane	9.179	83	20410	4.771	ug/l	94
40) Benzene	8.155	78	53433	4.172	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	4474m	6.306	ug/l	
42) 1,2-Dichloroethane	8.228	62	14880	4.137	ug/l	90
43) Isopropyl Acetate	8.271	43	16958	4.706	ug/l #	91
44) Trichloroethene	8.935	130	14131	4.421	ug/l	95
45) 1,2-Dichloropropane	9.209	63	12793	4.170	ug/l	98
46) Dibromomethane	9.307	93	7628	4.518	ug/l	97
47) Bromodichloromethane	9.496	83	18200	4.734	ug/l	98
48) Methyl methacrylate	9.295	41	7266	4.904	ug/l #	77
49) 1,4-Dioxane	9.301	88	2007	88.834	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	45657	20.376	ug/l	90
52) Toluene	10.240	92	32130	4.436	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	18303	4.977	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	20430	4.574	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	11016	4.371	ug/l	96
56) Ethyl methacrylate	10.508	69	12601	5.097	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	18415	4.143	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	29347	33.397	ug/l	95
59) 2-Hexanone	10.831	43	30098	19.757	ug/l	88
60) Dibromochloromethane	10.984	129	12640	4.443	ug/l	100
61) 1,2-Dibromoethane	11.087	107	10302	4.294	ug/l	99
64) Tetrachloroethene	10.715	164	13781	3.978	ug/l	98
65) Chlorobenzene	11.514	112	36035	4.191	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	12392	4.207	ug/l	94
67) Ethyl Benzene	11.593	91	58327	4.422	ug/l	94
68) m/p-Xylenes	11.703	106	44772	8.682	ug/l	96
69) o-Xylene	12.026	106	21431	4.702	ug/l	92
70) Styrene	12.044	104	34746	4.471	ug/l	95
71) Bromoform	12.209	173	7938	4.704	ug/l #	97
73) Isopropylbenzene	12.325	105	54656	4.595	ug/l	100
74) N-amyl acetate	12.142	43	13279	5.174	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	12476	4.295	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	9520m	4.261	ug/l	
77) Bromobenzene	12.605	156	14048	4.686	ug/l	99
78) n-propylbenzene	12.672	91	69657	4.368	ug/l	100
79) 2-Chlorotoluene	12.758	91	39494	4.597	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	45978	4.130	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	4101	5.144	ug/l #	84
82) 4-Chlorotoluene	12.855	91	41992	4.410	ug/l	99
83) tert-Butylbenzene	13.075	119	38599	4.581	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	45505	4.276	ug/l	98
85) sec-Butylbenzene	13.251	105	59439	4.059	ug/l	99
86) p-Isopropyltoluene	13.367	119	48540	4.338	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	27321	4.256	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	28277	4.124	ug/l	94
89) n-Butylbenzene	13.696	91	45751	4.224	ug/l	100
90) Hexachloroethane	13.959	117	10868	4.475	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	24169	3.948	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2023	4.265	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	13880	4.978	ug/l	98
94) Hexachlorobutadiene	15.111	225	8754	4.119	ug/l	98
95) Naphthalene	15.233	128	25466	5.419	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	11793	4.614	ug/l	97

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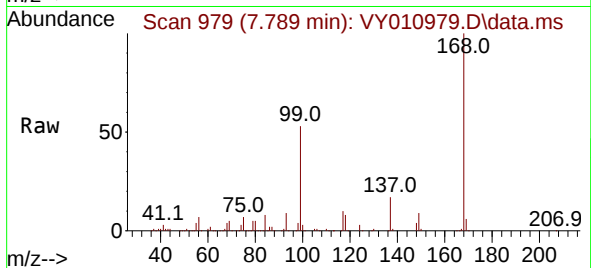
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010979.D
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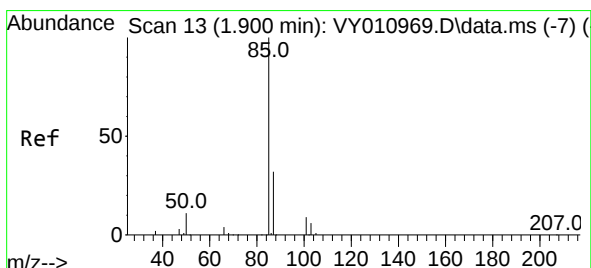
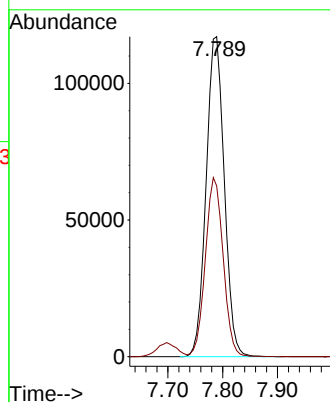
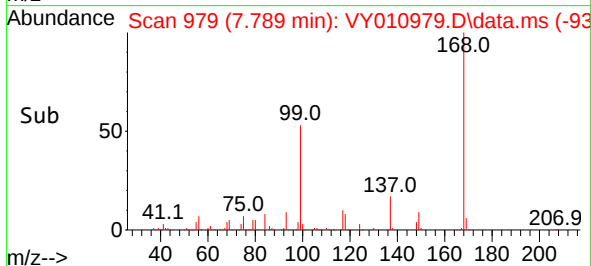
Instrument :
MSVOA_Y
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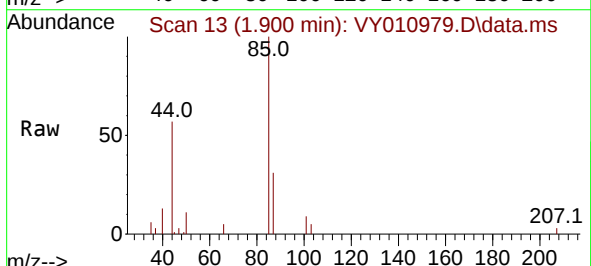
Tgt Ion:168 Resp: 26833
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3

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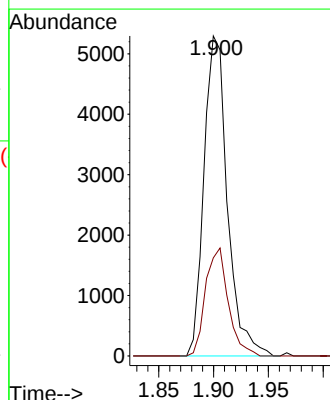
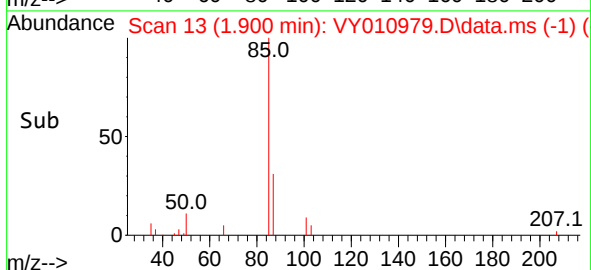
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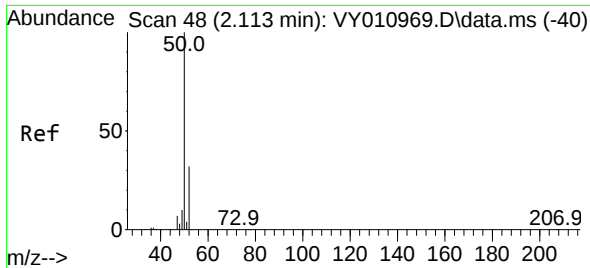


#2
Dichlorodifluoromethane
Concen: 3.781 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52



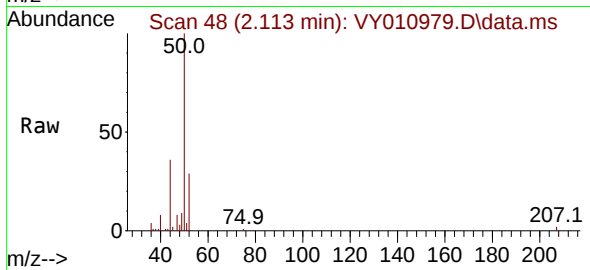
Tgt Ion: 85 Resp: 7878
Ion Ratio Lower Upper
85 100
87 30.7 16.1 48.2





#3
Chloromethane
Concen: 3.514 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

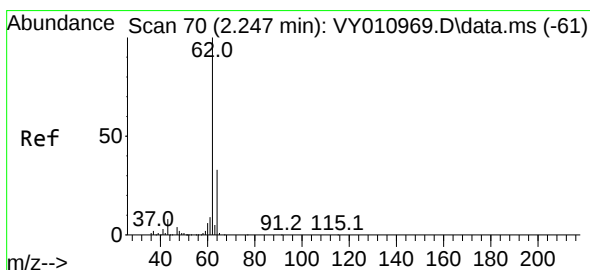
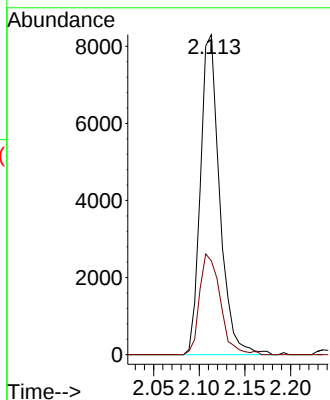
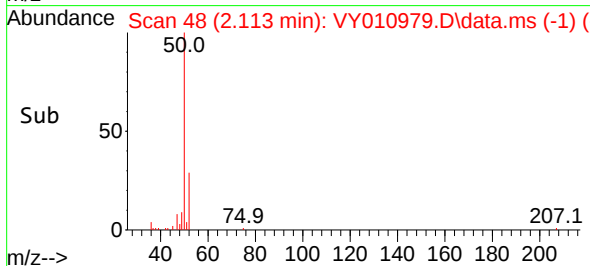
Instrument :
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Tgt Ion: 50 Resp: 12139
Ion Ratio Lower Upper
50 100
52 29.3 24.6 37.0

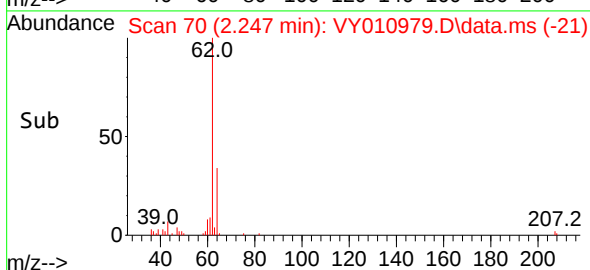
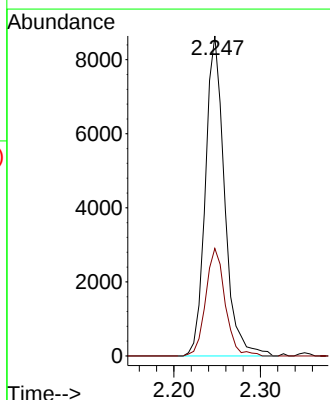
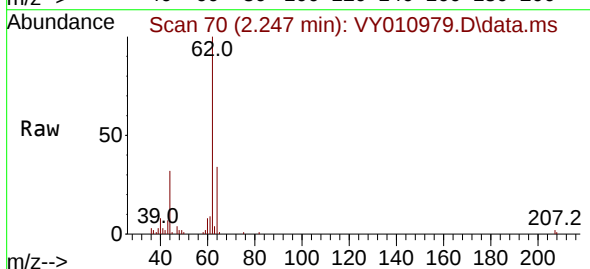
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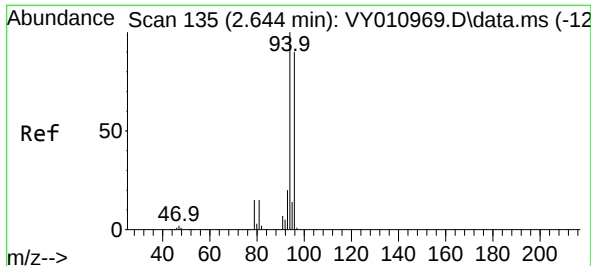
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#4
Vinyl Chloride
Concen: 3.806 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY010979.D
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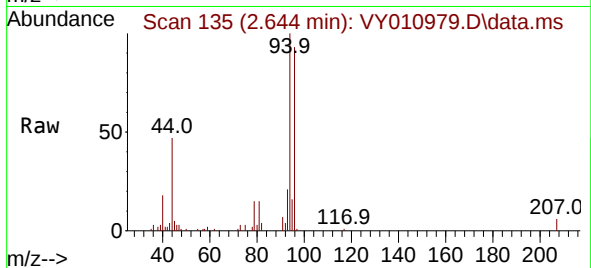
Tgt Ion: 62 Resp: 13286
Ion Ratio Lower Upper
62 100
64 33.6 25.0 37.6





#5
Bromomethane
Concen: 3.948 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010979.D
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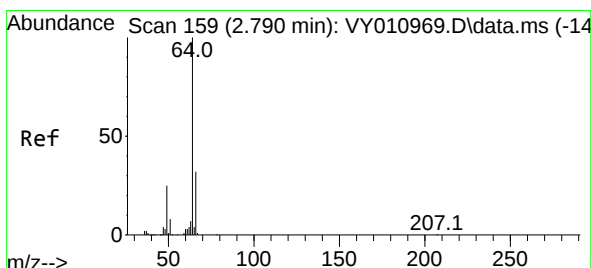
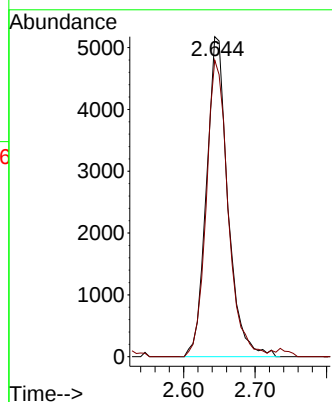
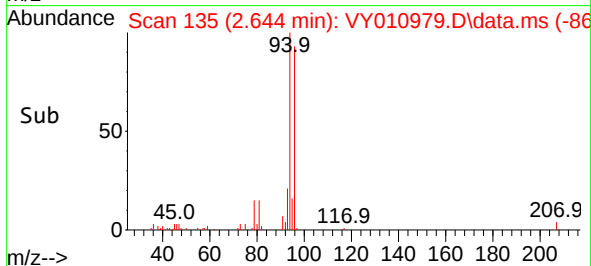
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Tgt Ion: 94 Resp: 10780
Ion Ratio Lower Upper
94 100
96 92.6 73.5 110.3

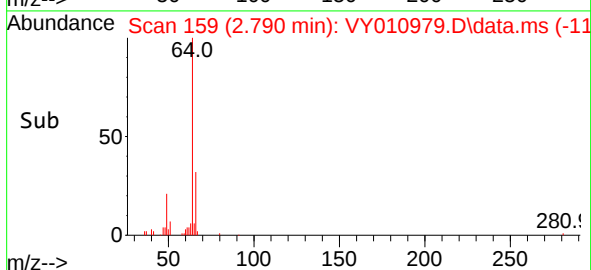
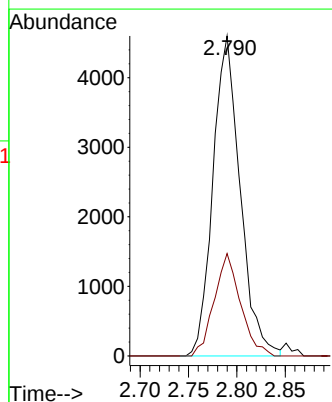
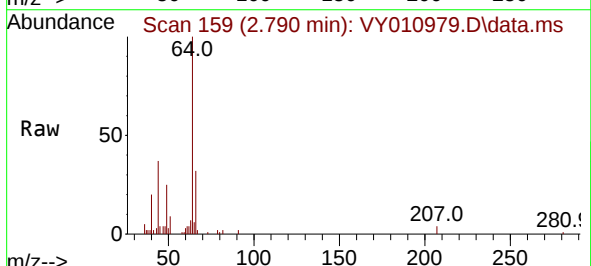
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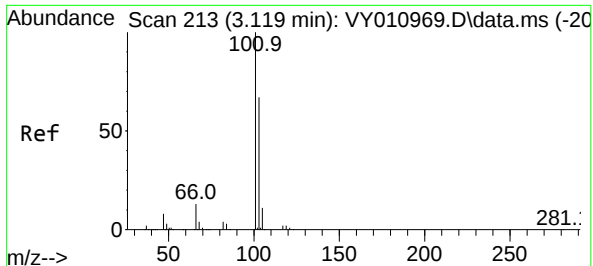
Reviewed By :Krupa Patel 10/18/2022
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#6
Chloroethane
Concen: 4.059 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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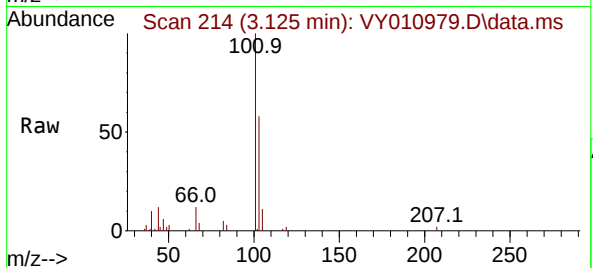
Tgt Ion: 64 Resp: 8992
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0





#7
Trichlorofluoromethane
Concen: 4.086 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

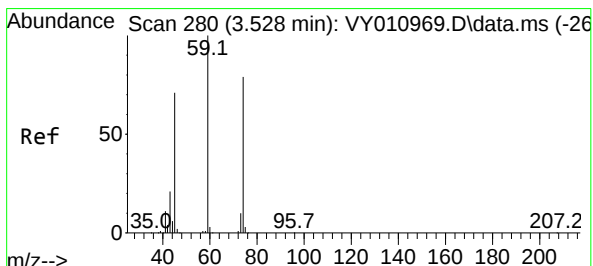
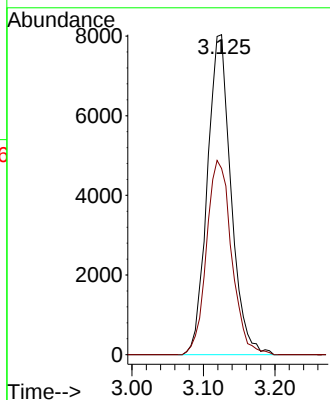
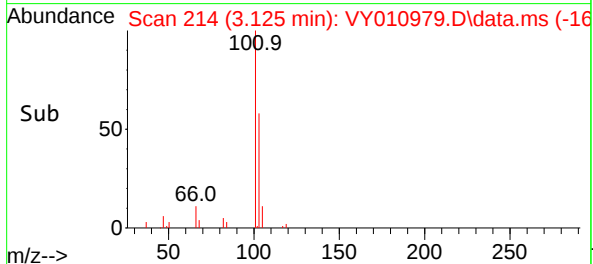
Instrument :
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MDL-SOIL-03-QT4-2022



Tgt Ion:101 Resp: 18478
Ion Ratio Lower Upper
101 100
103 58.2 48.0 72.0

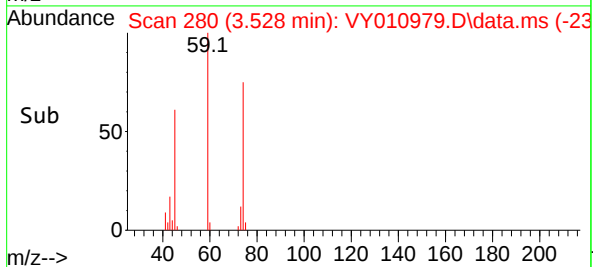
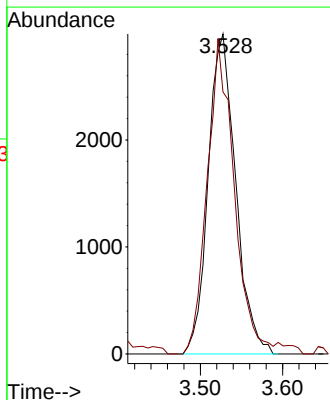
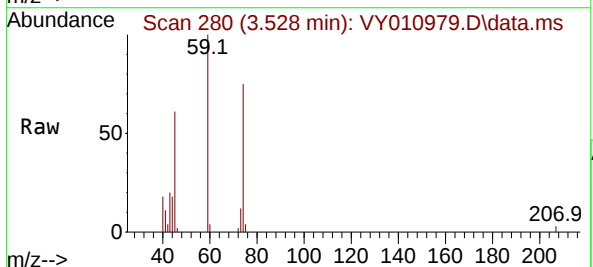
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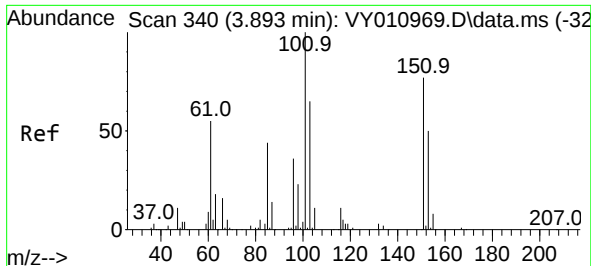
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#8
Diethyl Ether
Concen: 4.193 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 6946
Ion Ratio Lower Upper
74 100
45 96.4 55.1 165.5





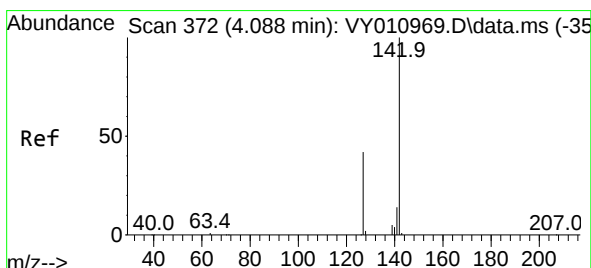
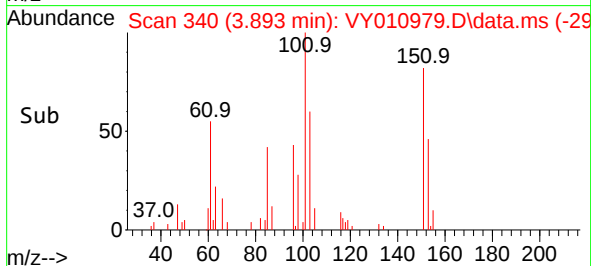
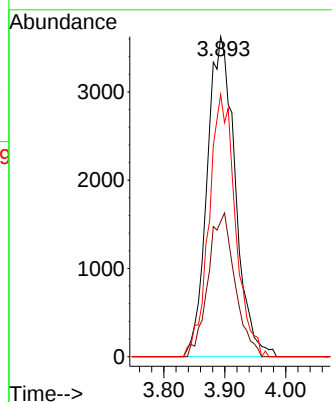
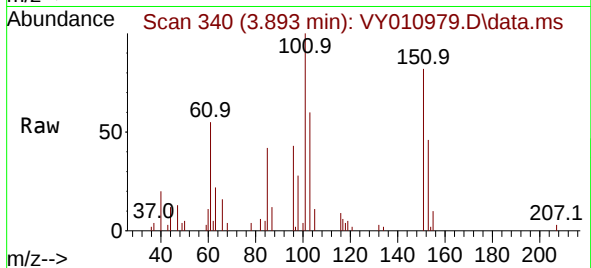
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.101 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

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

Tgt Ion:101 Resp: 1160
Ion Ratio Lower Upper
101 100
85 42.9 40.6 60.8
151 77.0 64.9 97.3

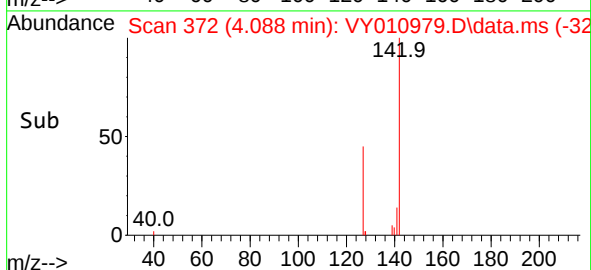
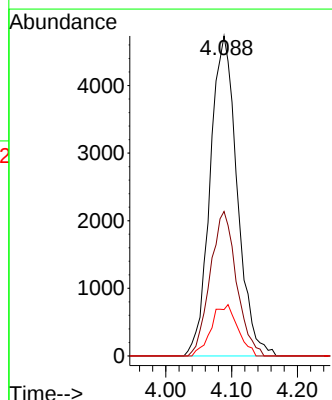
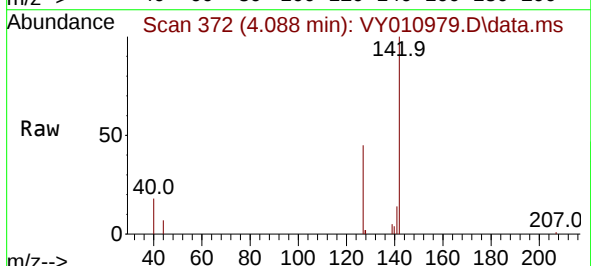
Manual Integrations
APPROVED

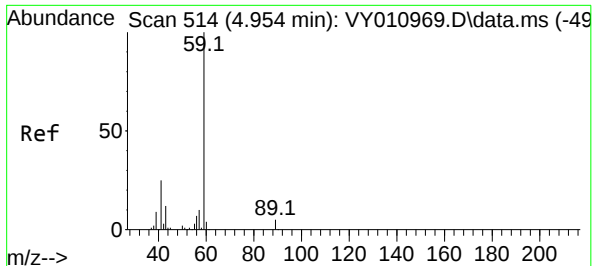
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#10
Methyl Iodide
Concen: 5.193 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

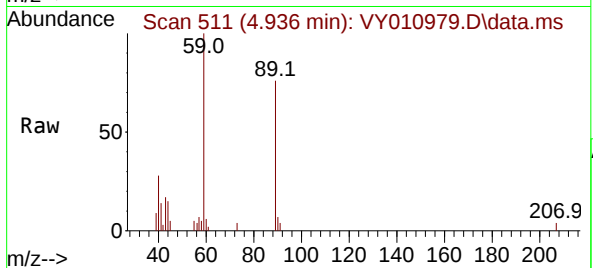
Tgt Ion:142 Resp: 13529
Ion Ratio Lower Upper
142 100
127 44.0 41.5 62.3
141 15.7 11.9 17.9





#11
Tert butyl alcohol
Concen: 21.546 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

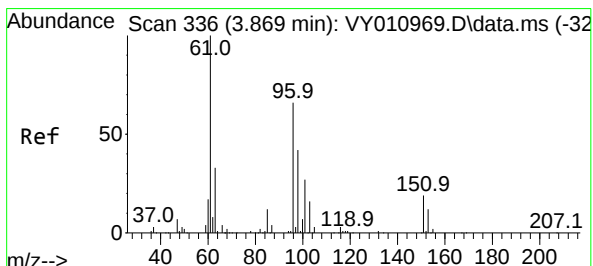
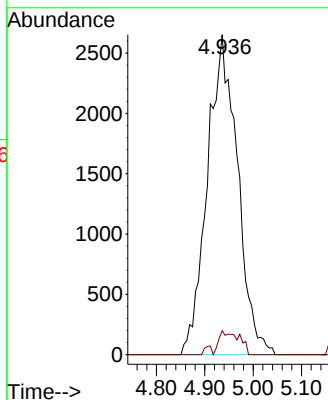
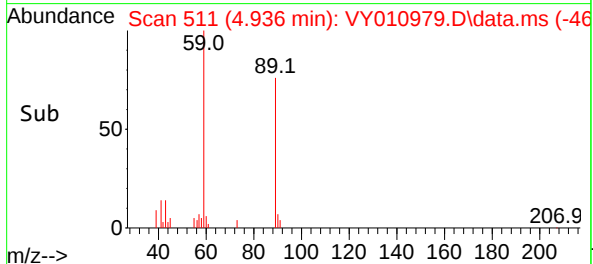
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



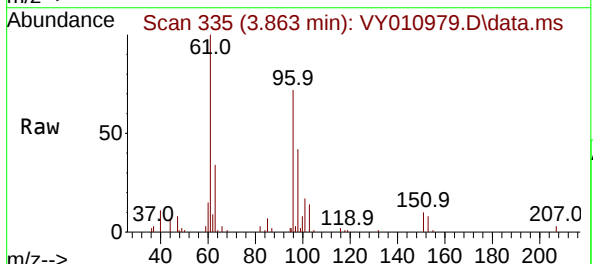
Tgt Ion: 59 Resp: 1151
Ion Ratio Lower Upper
59 100
57 4.9 6.4 9.6

Manual Integrations
APPROVED

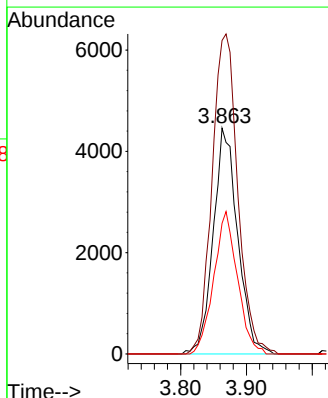
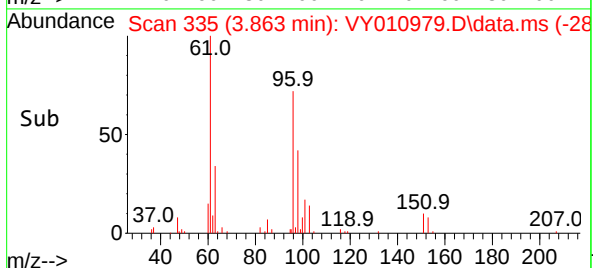
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

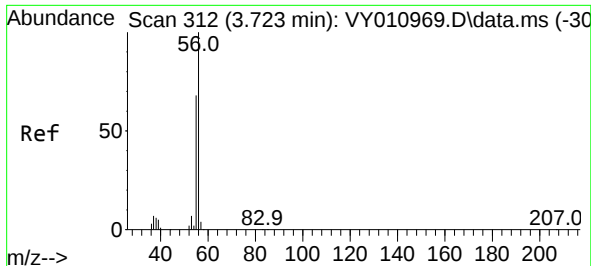


#12
1,1-Dichloroethene
Concen: 4.284 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52



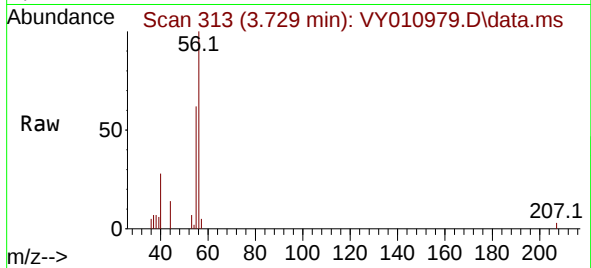
Tgt Ion: 96 Resp: 11501
Ion Ratio Lower Upper
96 100
61 138.8 145.8 218.6#
98 57.8 52.5 78.7





#13
Acrolein
Concen: 17.775 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

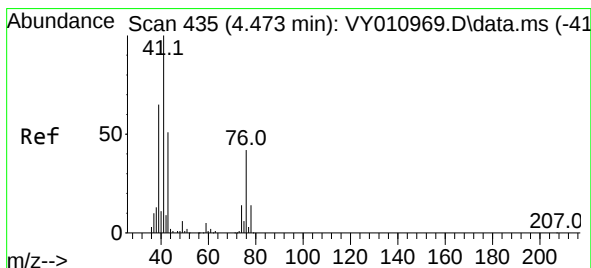
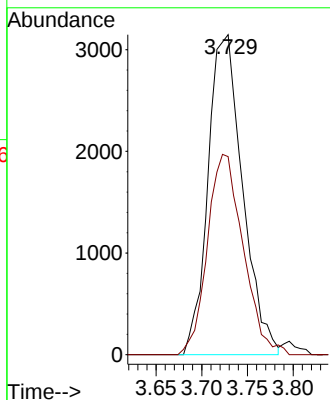
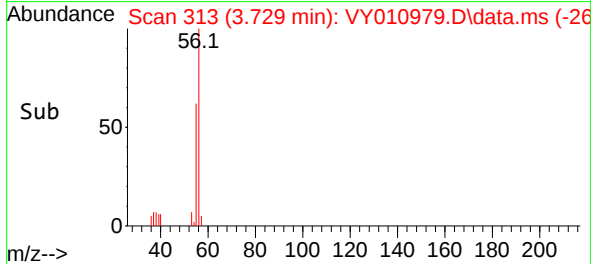
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 56 Resp: 829
Ion Ratio Lower Upper
56 100
55 64.7 57.6 86.4

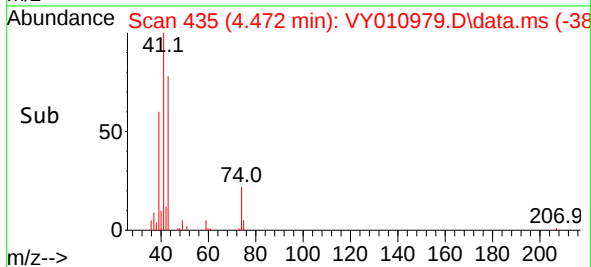
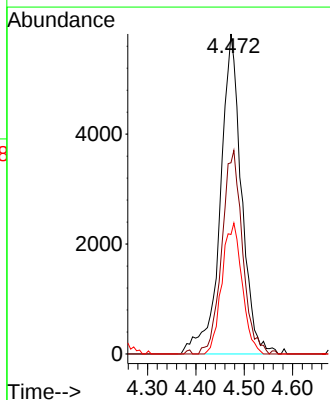
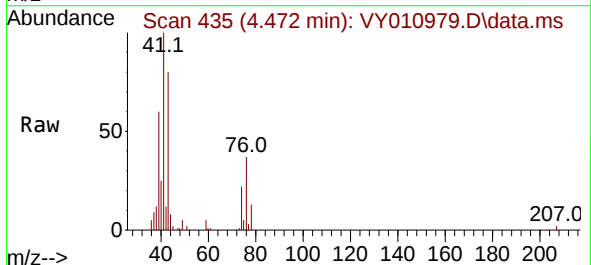
Manual Integrations
APPROVED

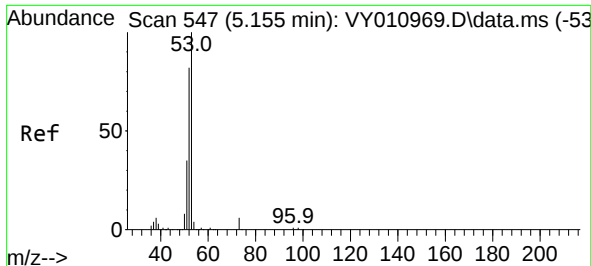
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#14
Allyl chloride
Concen: 4.524 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

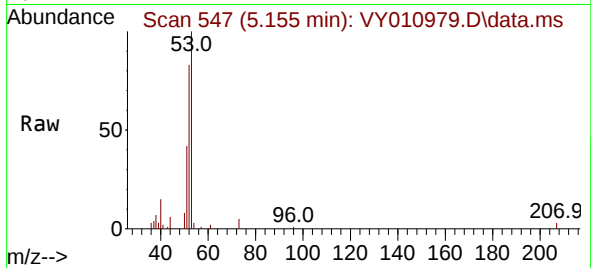
Tgt Ion: 41 Resp: 17769
Ion Ratio Lower Upper
41 100
39 61.6 58.8 88.2
76 38.8 25.1 37.7#





#15
Acrylonitrile
Concen: 19.955 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

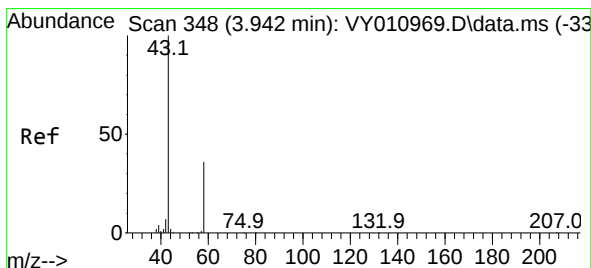
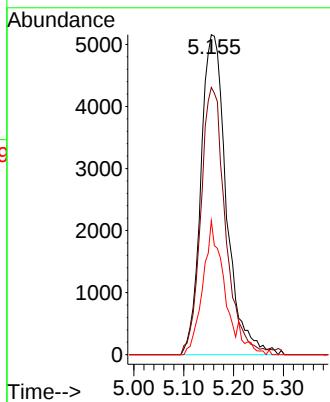
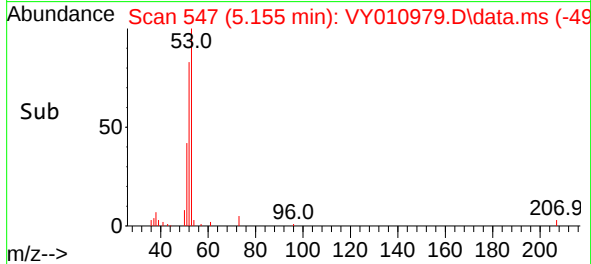
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 53	Resp: 1831
Ion Ratio	Lower Upper
53	100
52	80.6 67.0 100.4
51	36.4 29.8 44.6

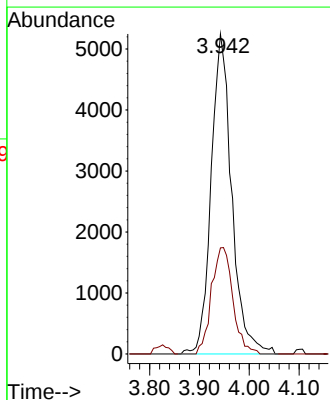
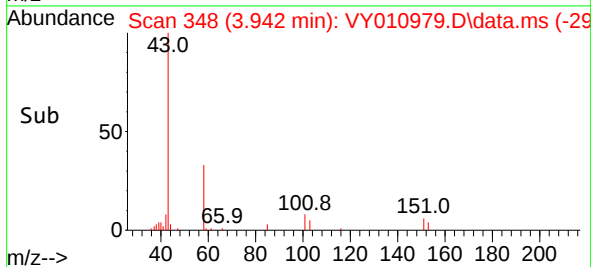
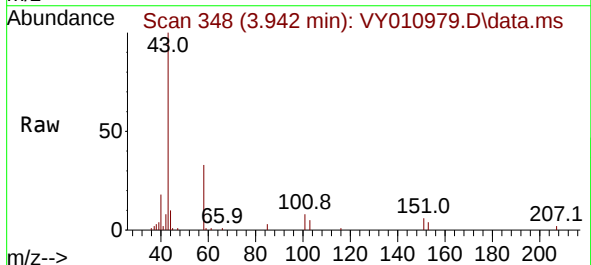
Manual Integrations
APPROVED

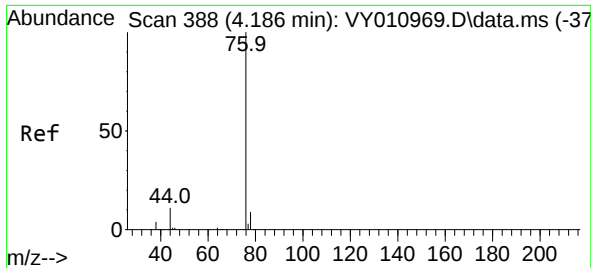
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#16
Acetone
Concen: 10.705 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

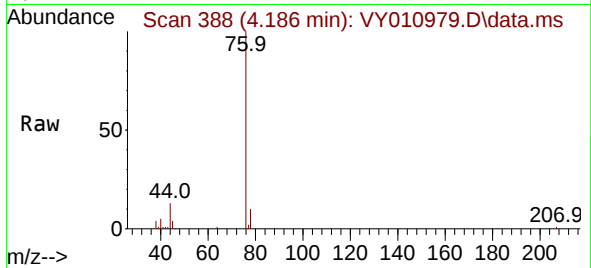
Tgt Ion: 43	Resp: 15025
Ion Ratio	Lower Upper
43	100
58	33.2 22.0 33.0#





#17
Carbon Disulfide
Concen: 3.759 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

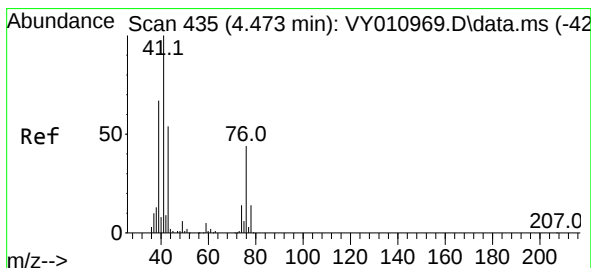
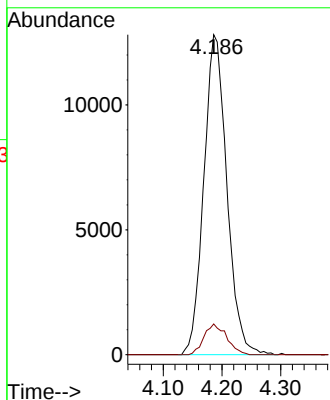
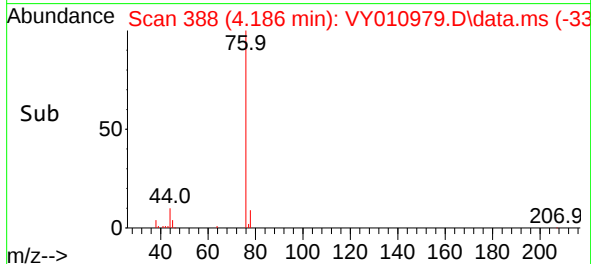
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022



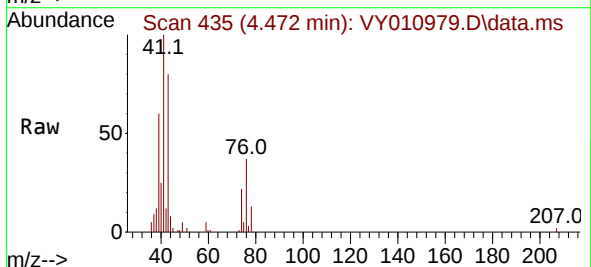
Tgt Ion: 76 Resp: 34962
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

Manual Integrations
APPROVED

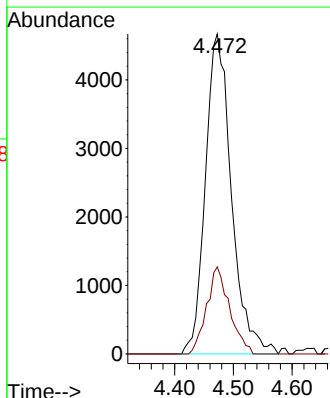
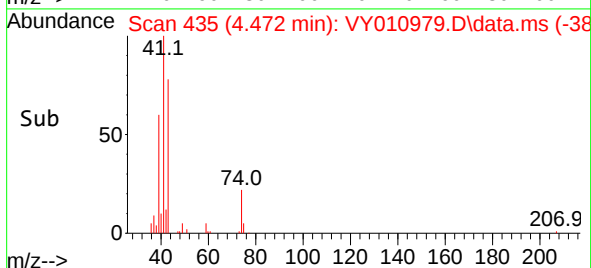
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

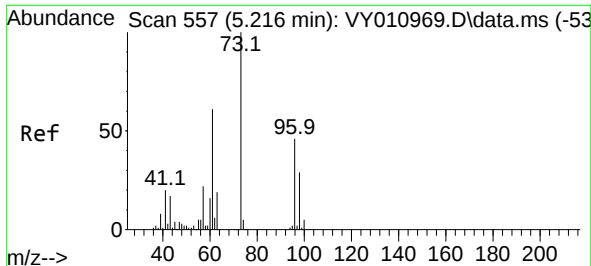


#18
Methyl Acetate
Concen: 4.564 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52



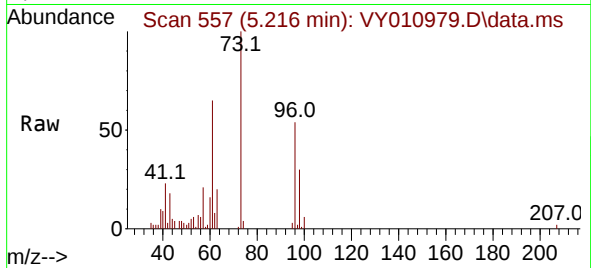
Tgt Ion: 43 Resp: 14387
Ion Ratio Lower Upper
43 100
74 24.0 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 4.601 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

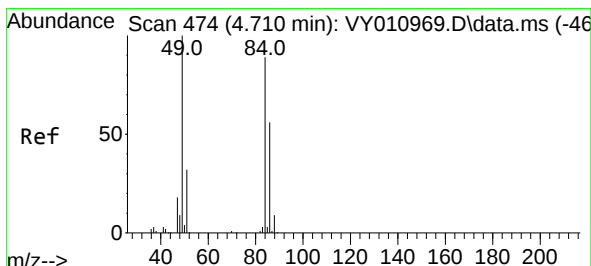
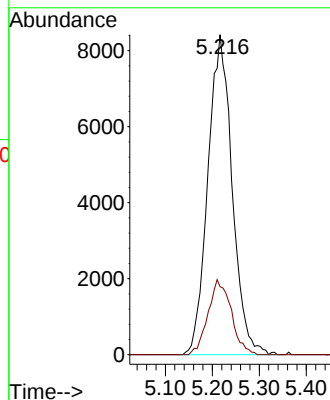
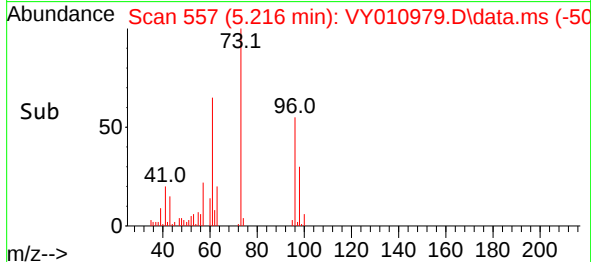
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 73 Resp: 30238
Ion Ratio Lower Upper
73 100
57 21.3 18.6 27.8

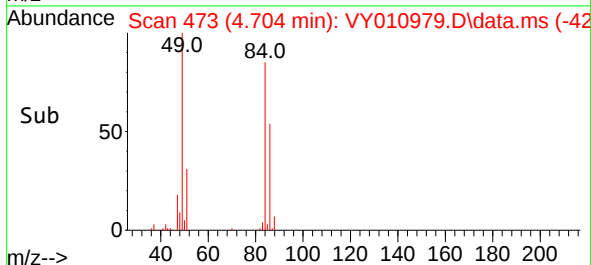
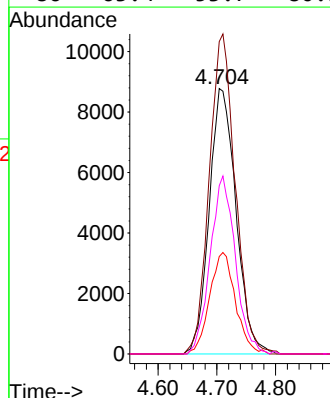
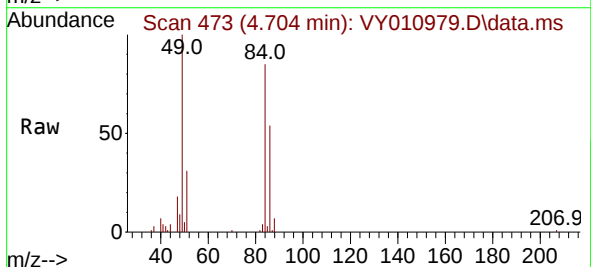
Manual Integrations
APPROVED

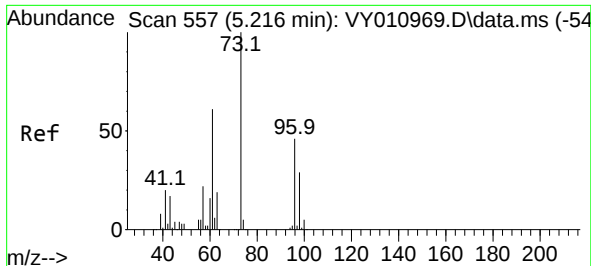
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#20
Methylene Chloride
Concen: 2.954 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

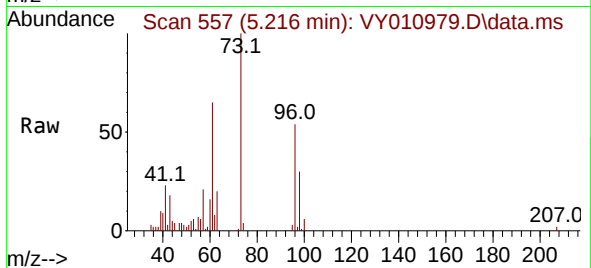
Tgt Ion: 84 Resp: 27834
Ion Ratio Lower Upper
84 100
49 117.7 114.4 171.6
51 36.7 35.3 52.9
86 63.4 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 4.086 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

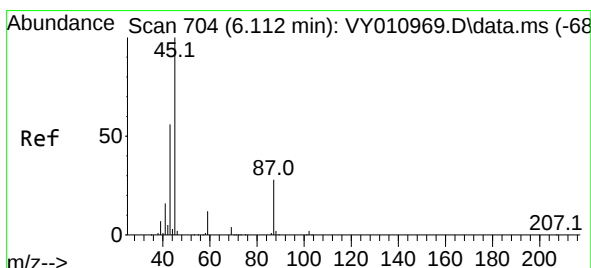
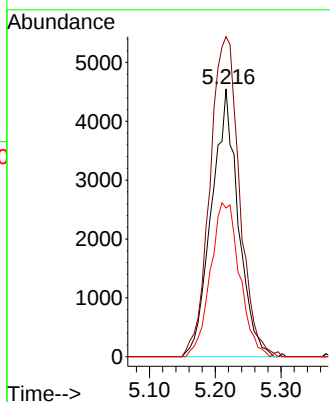
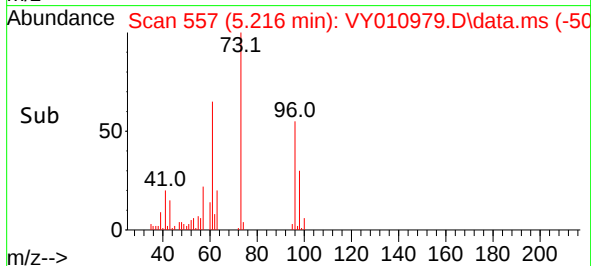
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



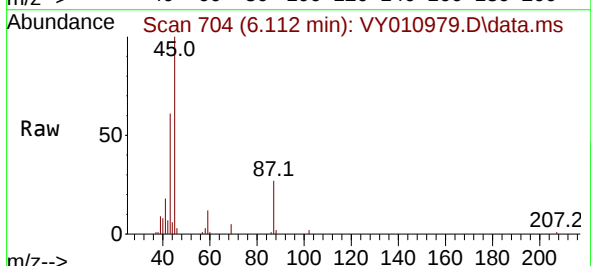
Tgt Ion: 96 Resp: 12840
Ion Ratio Lower Upper
96 100
61 119.5 120.5 180.7
98 55.5 49.8 74.8

Manual Integrations
APPROVED

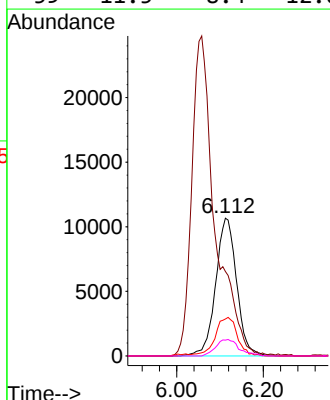
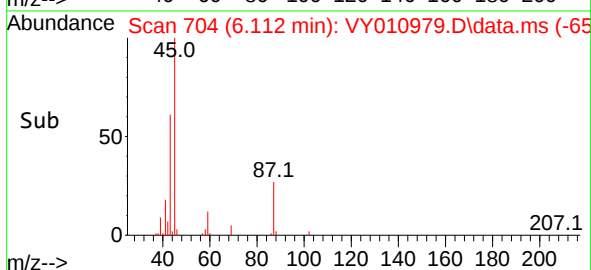
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

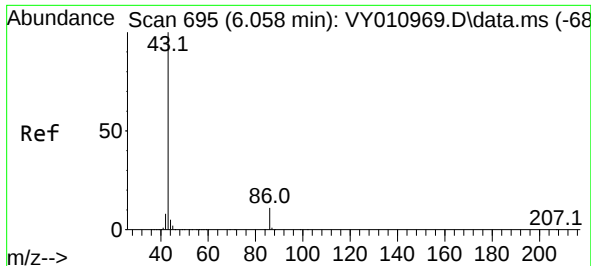


#22
Diisopropyl ether
Concen: 3.941 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52



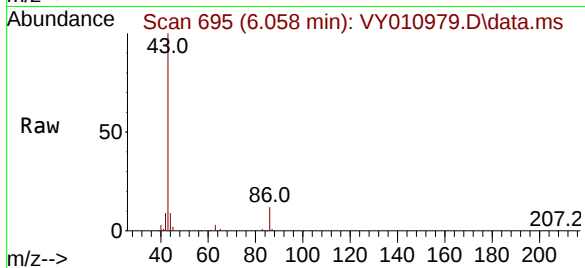
Tgt Ion: 45 Resp: 35914
Ion Ratio Lower Upper
45 100
43 59.8 49.3 73.9
87 26.9 19.2 28.8
59 11.5 8.4 12.6





#23
 Vinyl Acetate
 Concen: 20.838 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY010979.D
 Acq: 17 Oct 2022 18:52

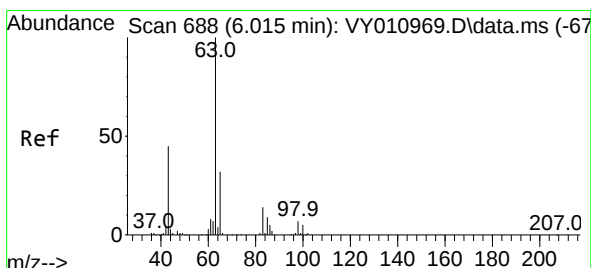
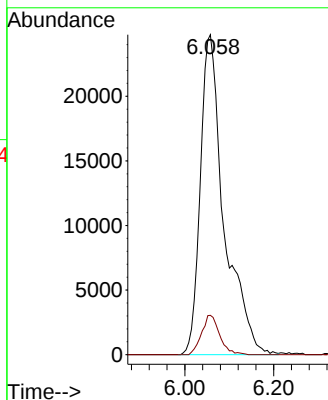
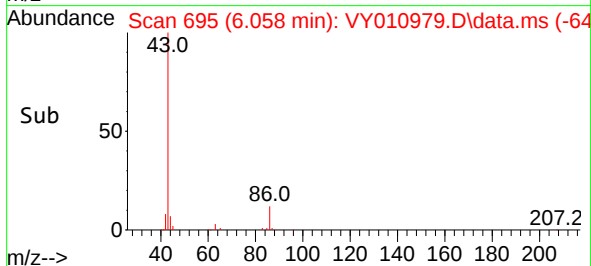
Instrument : MSVOA_Y
 ClientSampleId : MDL-SOIL-03-QT4-2022



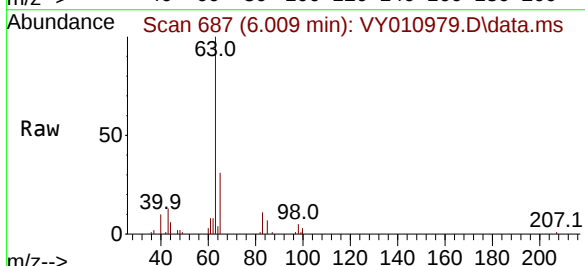
Tgt Ion: 43 Resp: 9227
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.1 10.7

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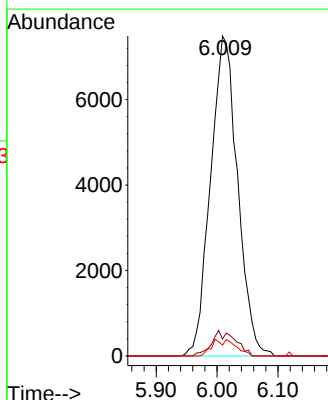
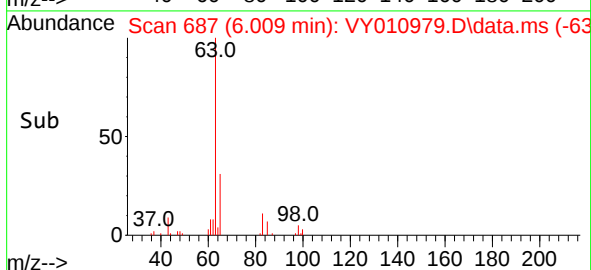
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

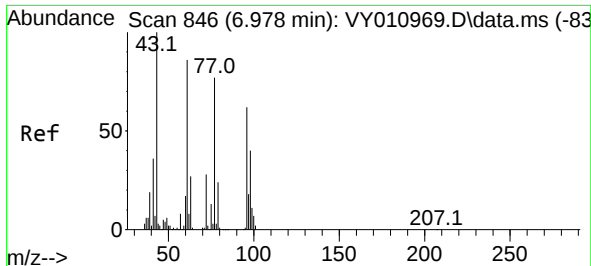


#24
 1,1-Dichloroethane
 Concen: 4.175 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY010979.D
 Acq: 17 Oct 2022 18:52



Tgt Ion: 63 Resp: 23100
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.6 10.8
 100 3.4 2.0 5.8





#25

2-Butanone

Concen: 17.690 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion: 43 Resp: 2337

Ion Ratio Lower Upper

43 100

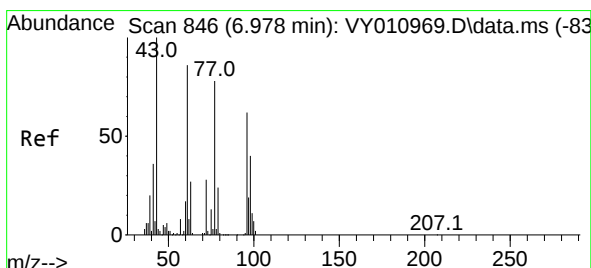
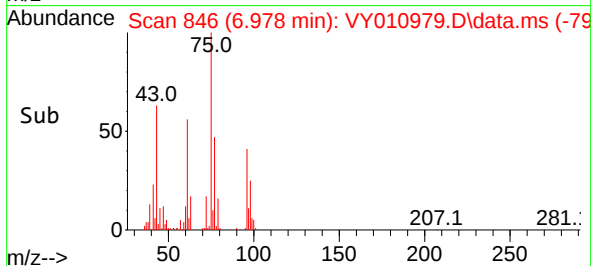
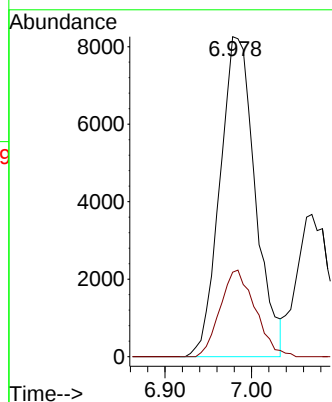
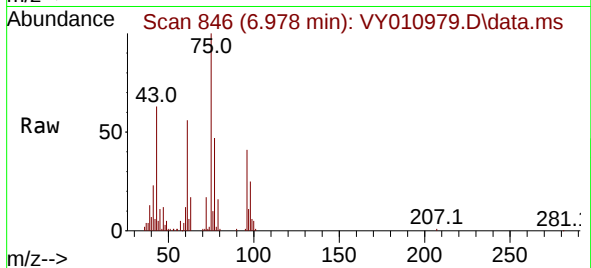
72 26.4 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#26

2,2-Dichloropropane

Concen: 4.316 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010979.D

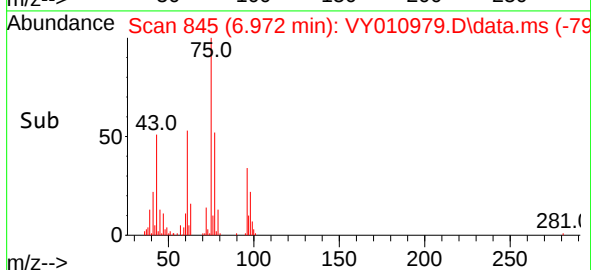
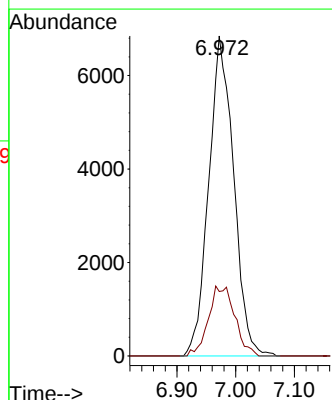
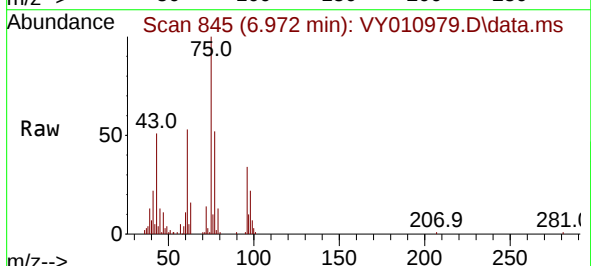
Acq: 17 Oct 2022 18:52

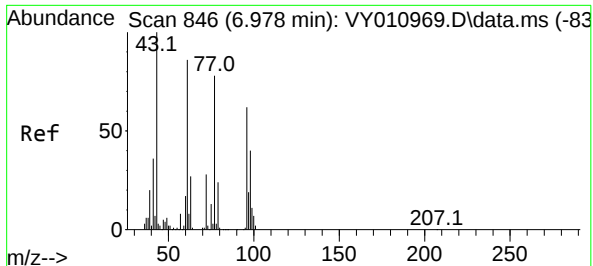
Tgt Ion: 77 Resp: 20171

Ion Ratio Lower Upper

77 100

97 23.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 4.337 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010979.D

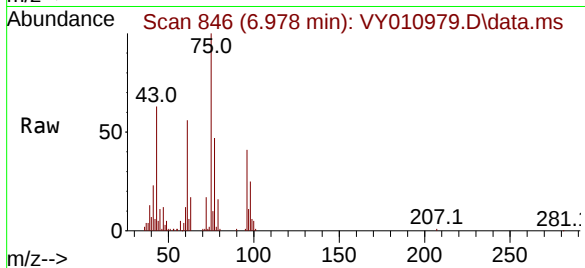
Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022



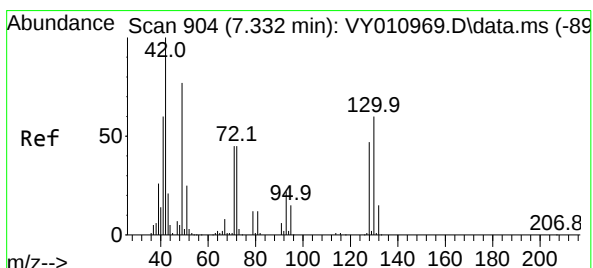
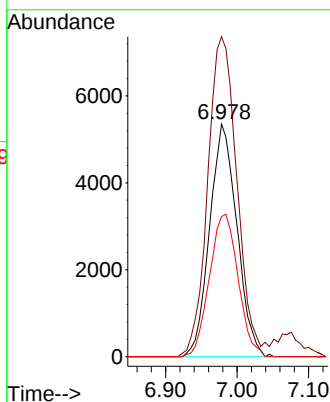
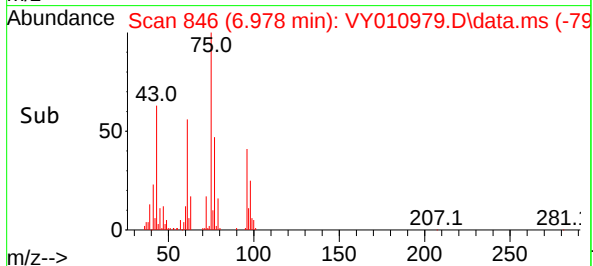
Tgt Ion:	96	Resp:	14190
Ion	Ratio	Lower	Upper
96	100		
61	147.8	0.0	319.8
98	64.2	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#28

Bromochloromethane

Concen: 7.222 ug/l

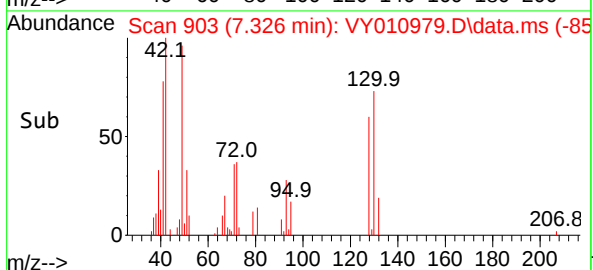
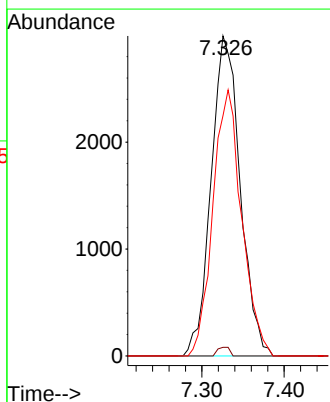
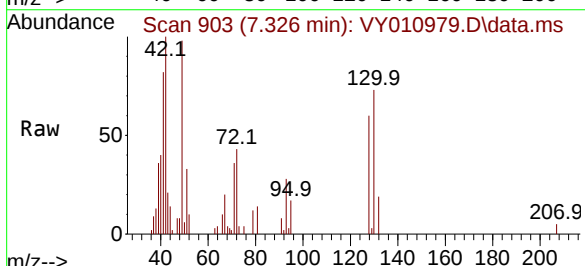
RT: 7.326 min Scan# 903

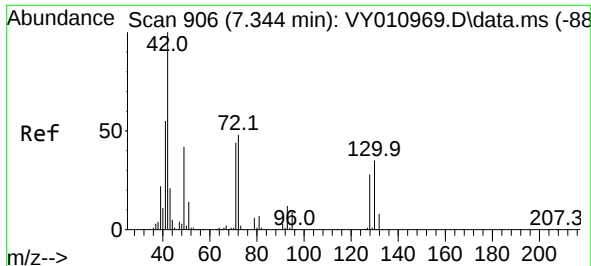
Delta R.T. -0.006 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Tgt Ion:	49	Resp:	7365
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.2
130	82.2	55.4	83.0





#29

Tetrahydrofuran

Concen: 19.412 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

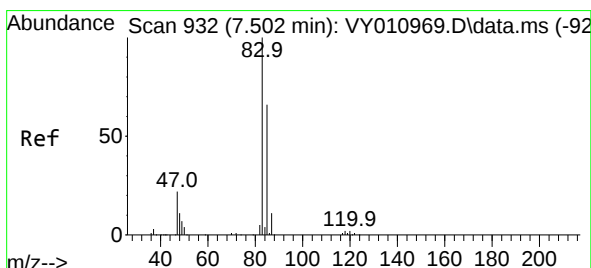
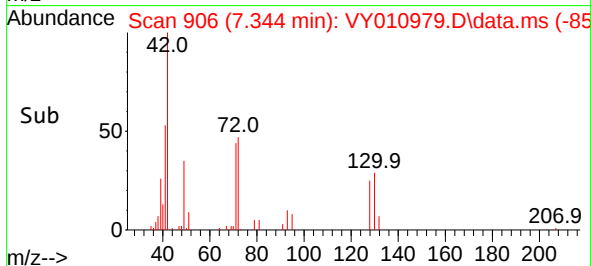
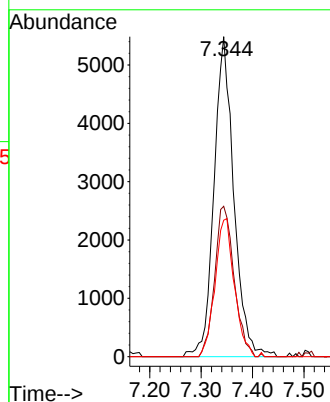
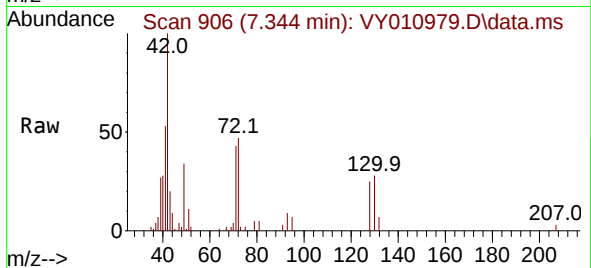
Tgt Ion:	42	Resp:	14708
Ion Ratio	Lower	Upper	
42	100		
72	46.0	30.3	45.5
71	42.0	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#30

Chloroform

Concen: 4.200 ug/l

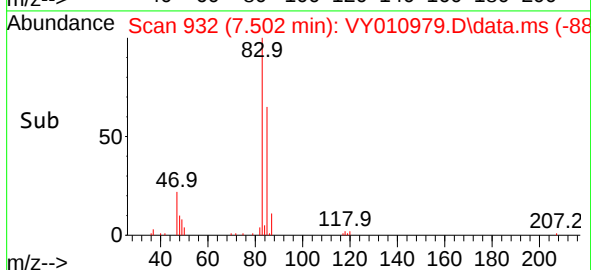
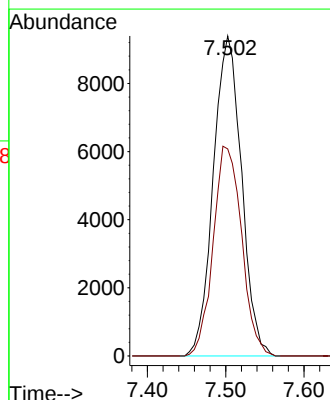
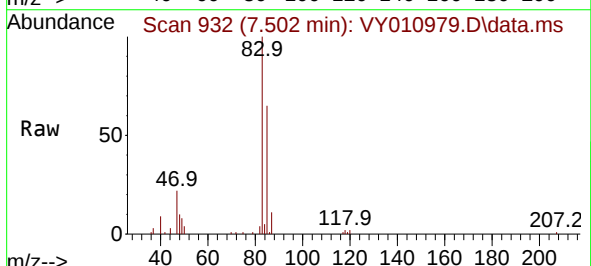
RT: 7.502 min Scan# 932

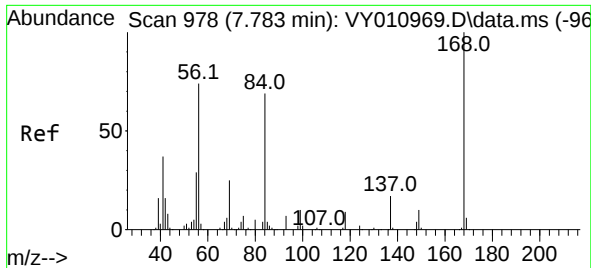
Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

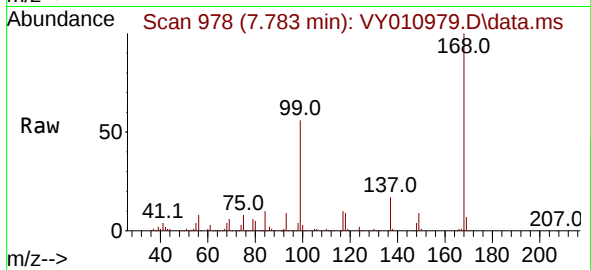
Tgt Ion:	83	Resp:	23513
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.8	77.6





#31
Cyclohexane
Concen: 4.363 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

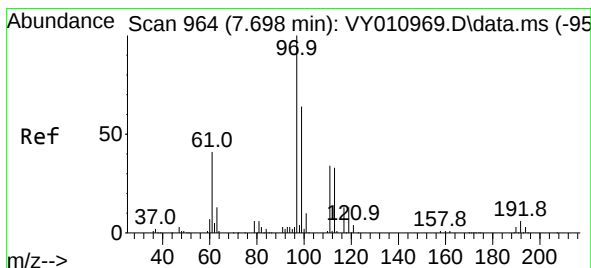
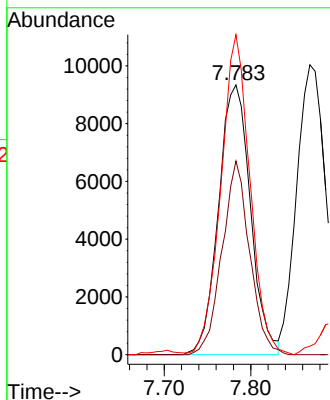
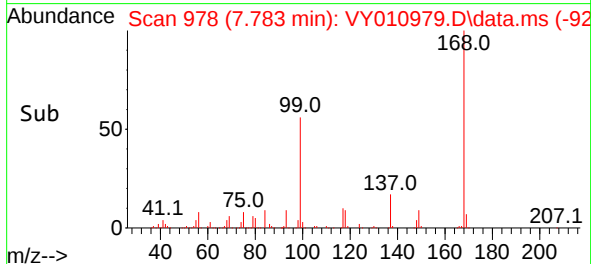
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 56 Resp: 2396
Ion Ratio Lower Upper
56 100
69 71.8 26.7 40.1
84 117.8 67.2 100.8

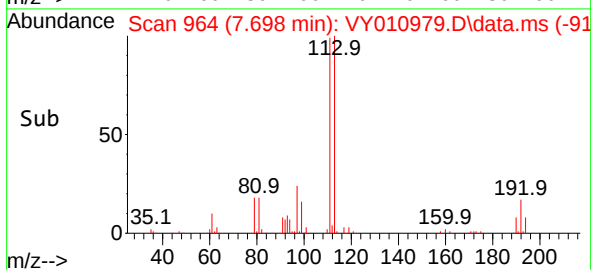
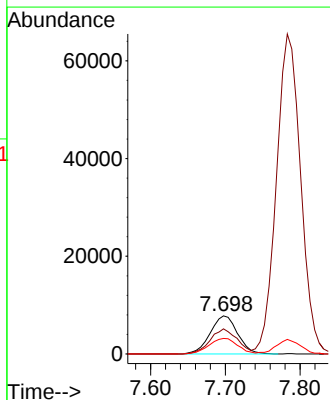
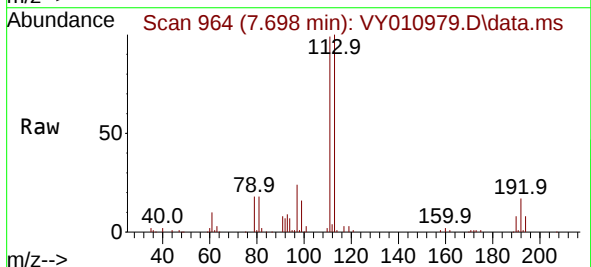
Manual Integrations
APPROVED

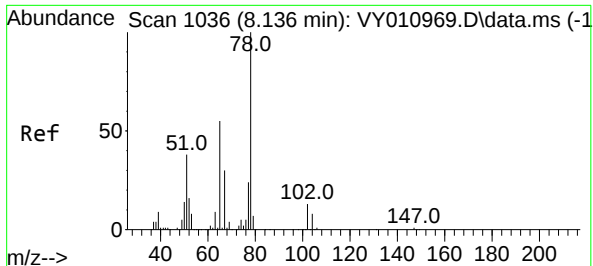
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#32
1,1,1-Trichloroethane
Concen: 4.413 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 97 Resp: 19851
Ion Ratio Lower Upper
97 100
99 65.2 50.7 76.1
61 42.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 54.233 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion: 65 Resp: 126532

Ion Ratio Lower Upper

65 100

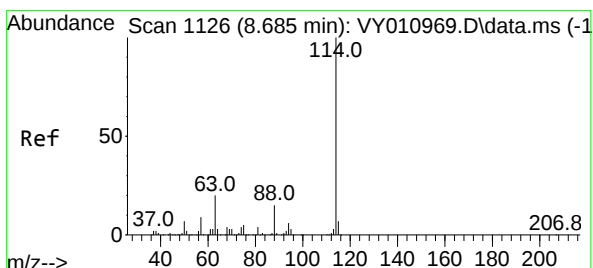
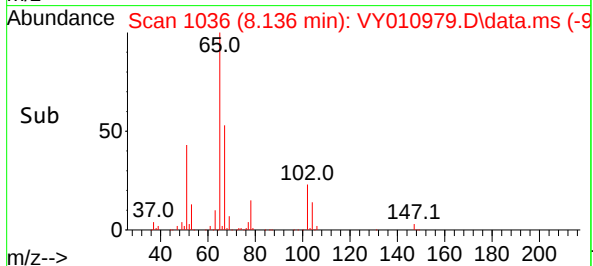
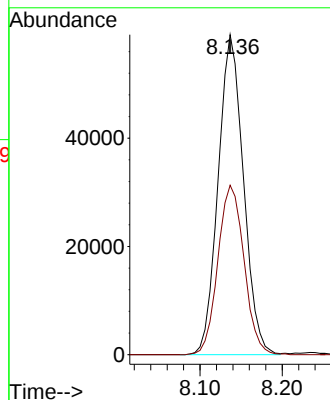
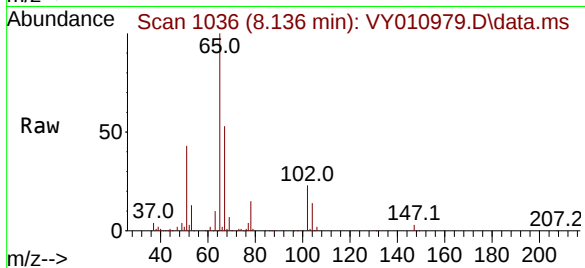
67 54.7 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

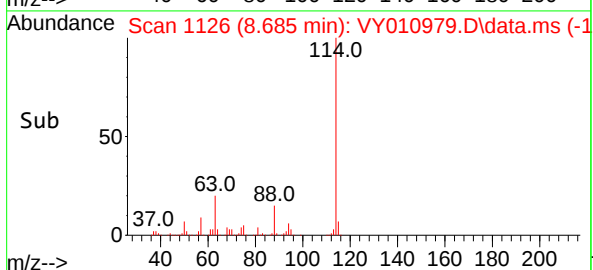
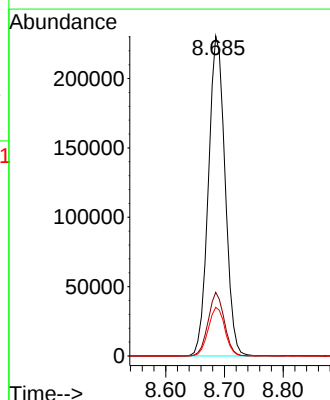
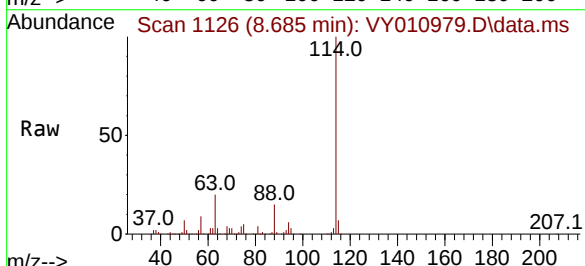
Tgt Ion:114 Resp: 454201

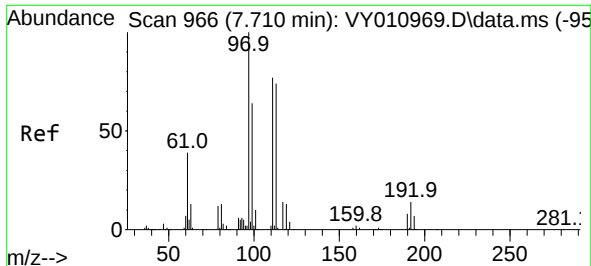
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

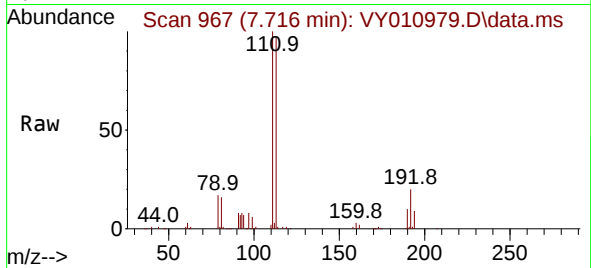
88 15.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.922 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

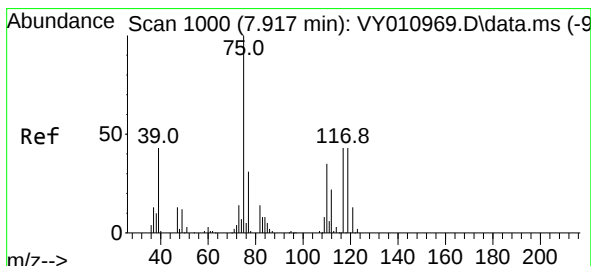
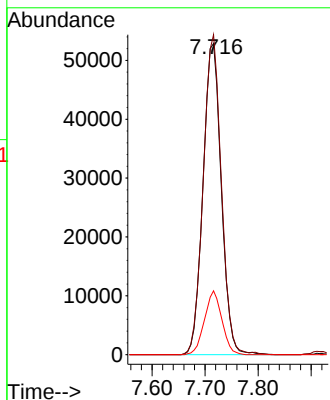
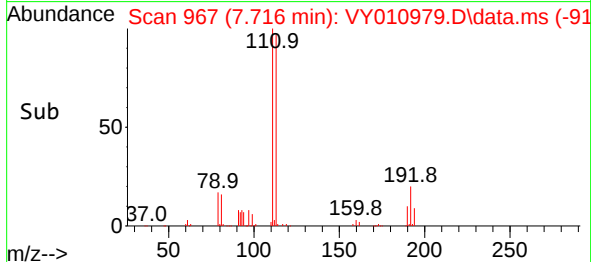
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion:113 Resp: 12640
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 19.6 17.6 26.4

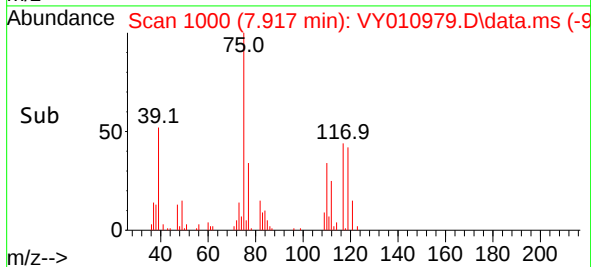
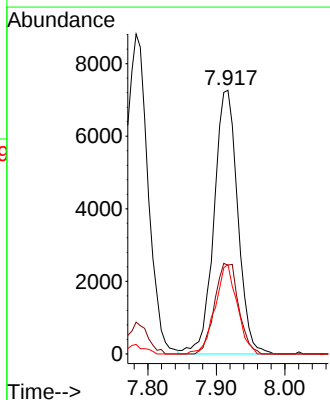
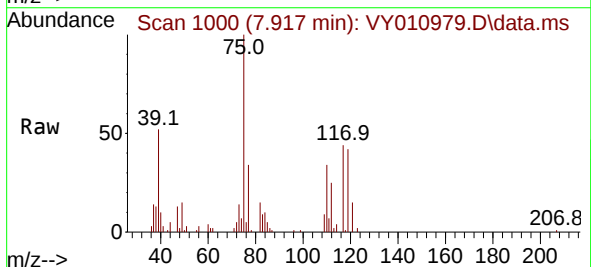
Manual Integrations
APPROVED

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



#36
1,1-Dichloropropene
Concen: 4.199 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 75 Resp: 17474
Ion Ratio Lower Upper
75 100
110 34.7 17.1 51.2
77 31.6 24.4 36.6





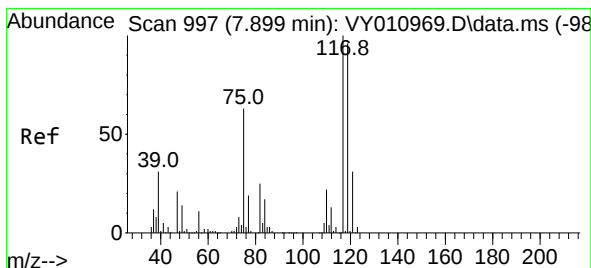
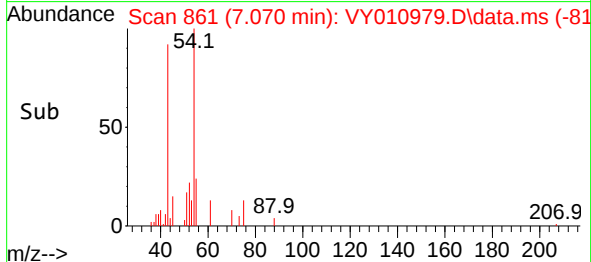
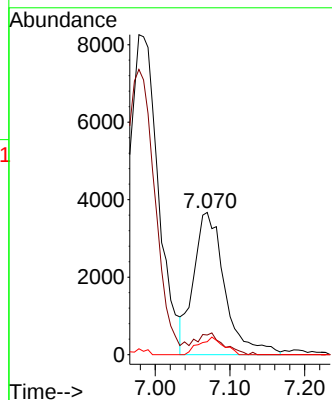
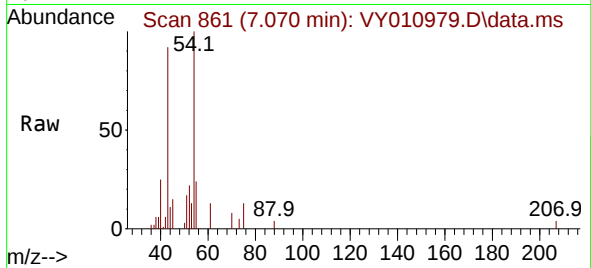
#37
Ethyl Acetate
Concen: 4.439 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

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

Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
61 12.8 9.7 14.5
70 9.6 7.1 10.7

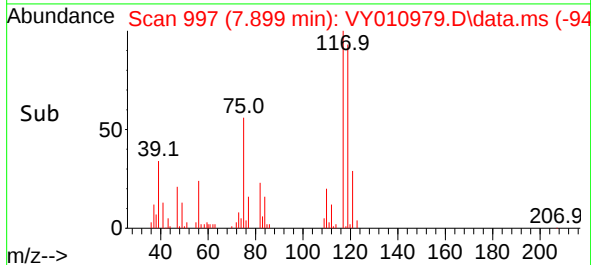
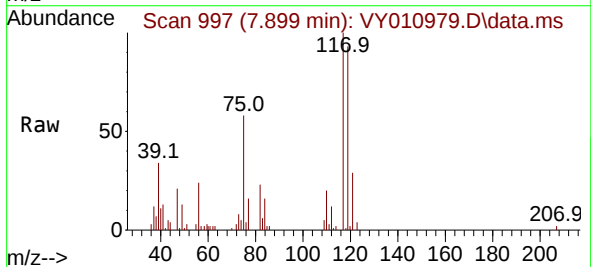
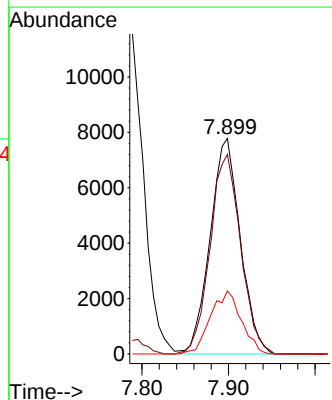
Manual Integrations
APPROVED

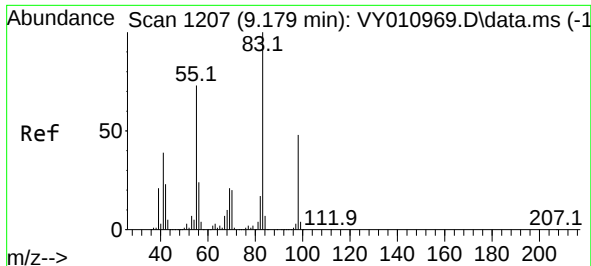
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#38
Carbon Tetrachloride
Concen: 4.550 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:117 Resp: 18814
Ion Ratio Lower Upper
117 100
119 92.6 77.9 116.9
121 29.2 24.8 37.2





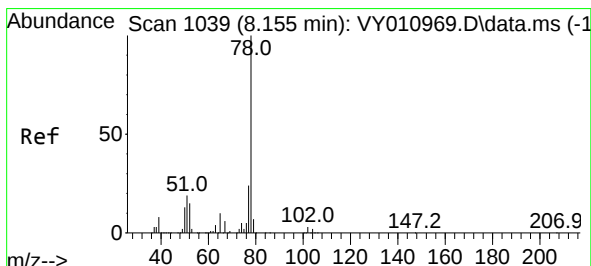
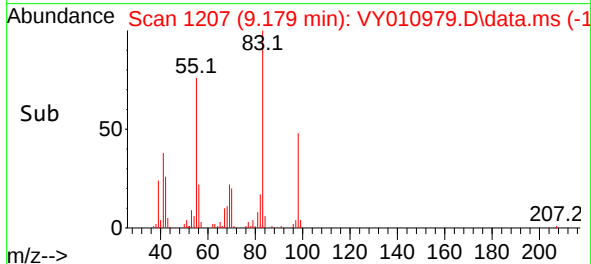
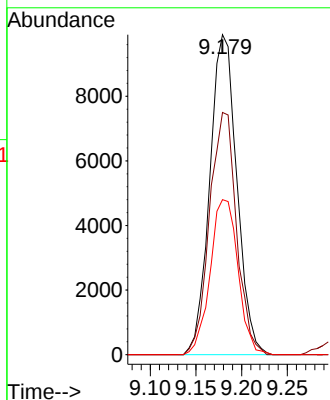
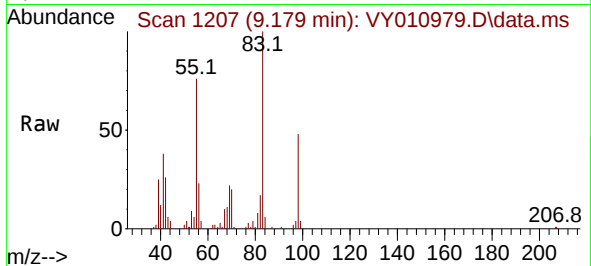
#39
Methylcyclohexane
Concen: 4.771 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

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

Tgt Ion: 83 Resp: 20410
Ion Ratio Lower Upper
83 100
55 75.7 66.5 99.7
98 48.5 37.9 56.9

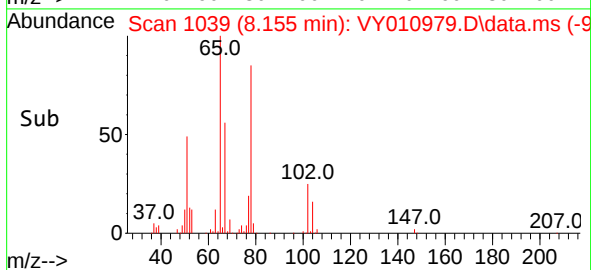
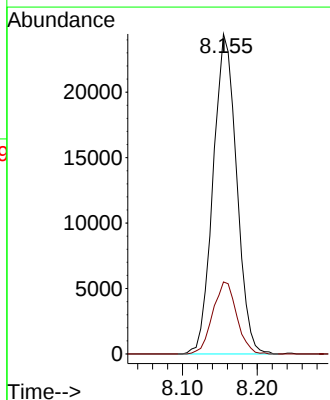
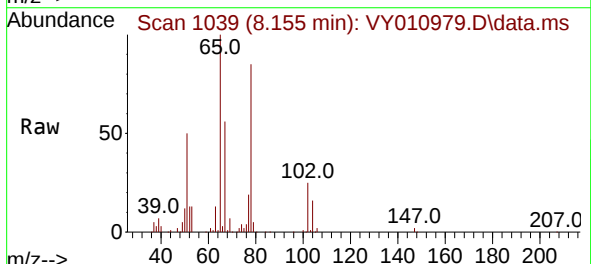
Manual Integrations
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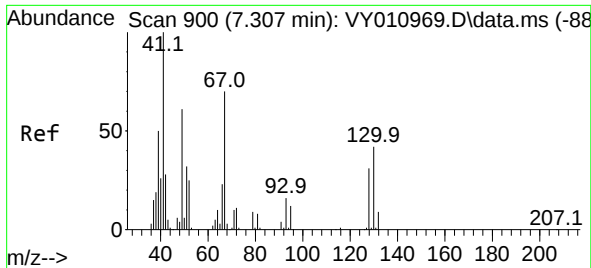
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#40
Benzene
Concen: 4.172 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

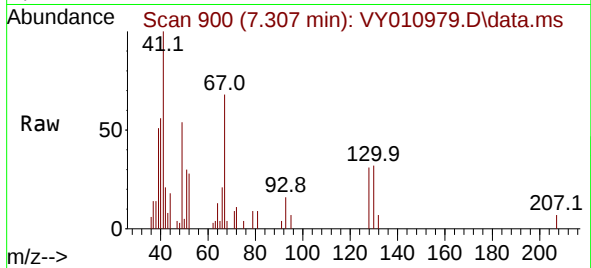
Tgt Ion: 78 Resp: 53433
Ion Ratio Lower Upper
78 100
77 22.5 20.4 30.6





#41
Methacrylonitrile
Concen: 6.306 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

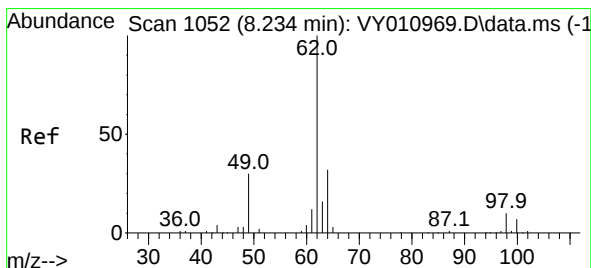
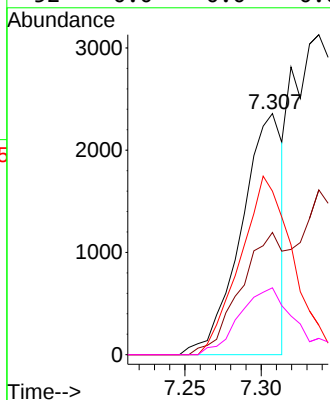
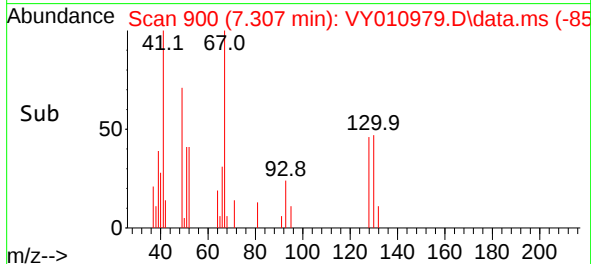
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 41 Resp: 4474
Ion Ratio Lower Upper
41 100
39 89.1 92.9 139.3
67 0.0 0.0 0.0
52 0.0 0.0 0.0

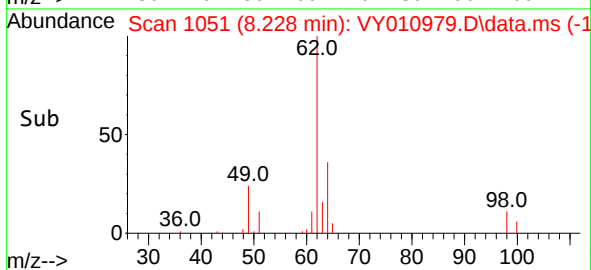
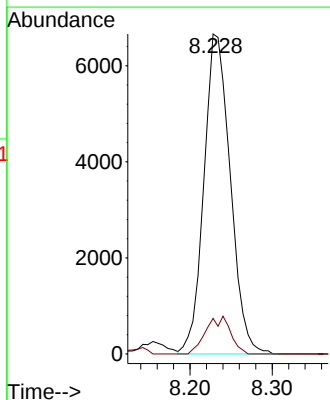
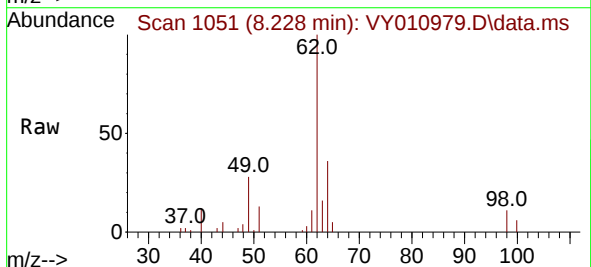
Manual Integrations
APPROVED

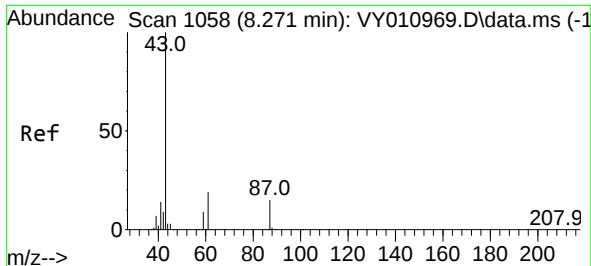
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#42
1,2-Dichloroethane
Concen: 4.137 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

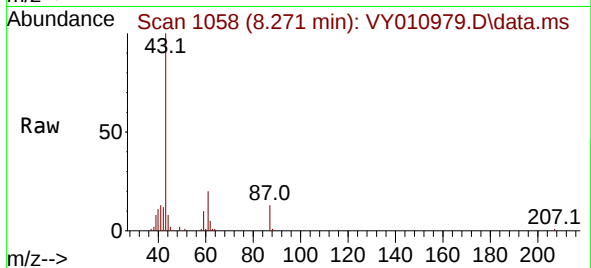
Tgt Ion: 62 Resp: 14880
Ion Ratio Lower Upper
62 100
98 11.0 0.0 14.8





#43
Isopropyl Acetate
Concen: 4.706 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

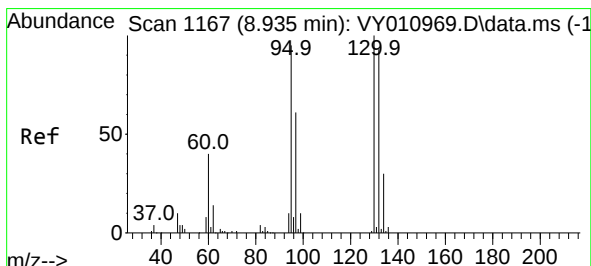
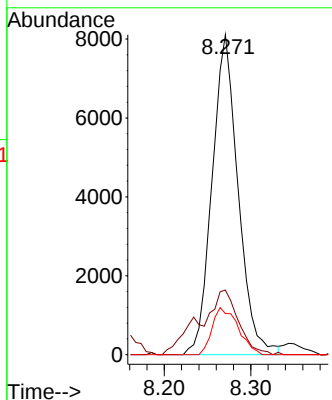
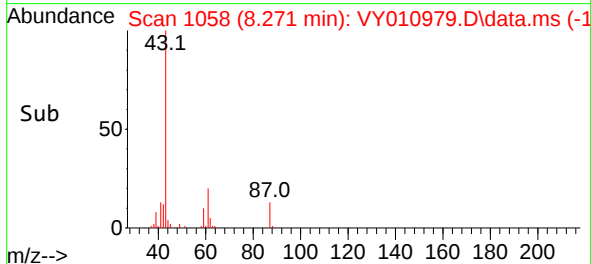
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022



Tgt Ion: 43 Resp: 1695
Ion Ratio Lower Upper
43 100
61 20.5 20.2 30.2
87 14.6 8.9 13.3

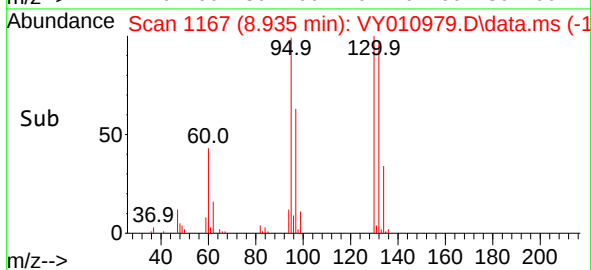
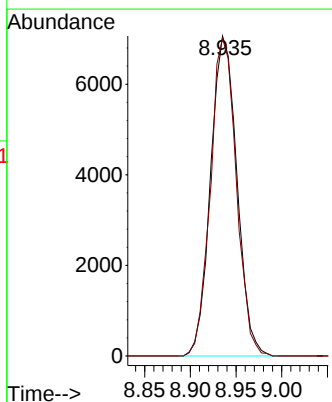
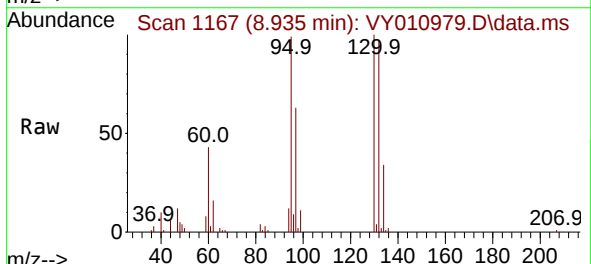
Manual Integrations
APPROVED

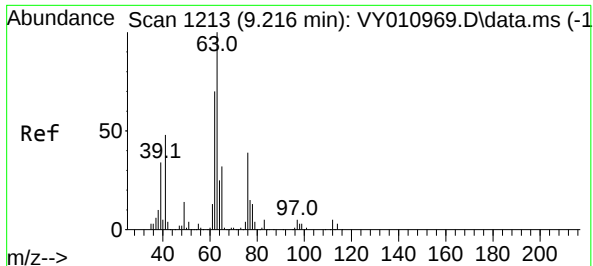
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#44
Trichloroethene
Concen: 4.421 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:130 Resp: 14131
Ion Ratio Lower Upper
130 100
95 99.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.170 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion: 63 Resp: 1279

Ion Ratio Lower Upper

63 100

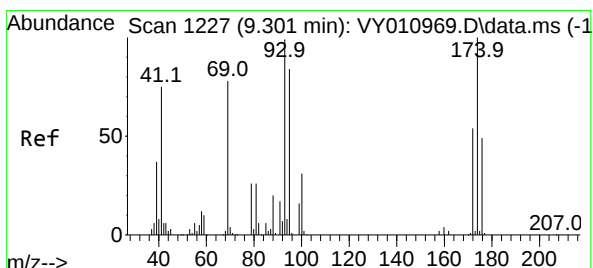
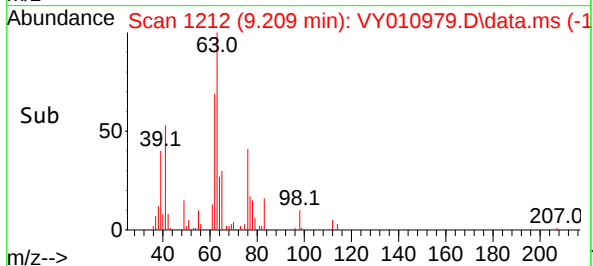
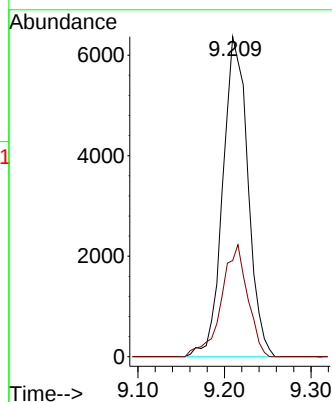
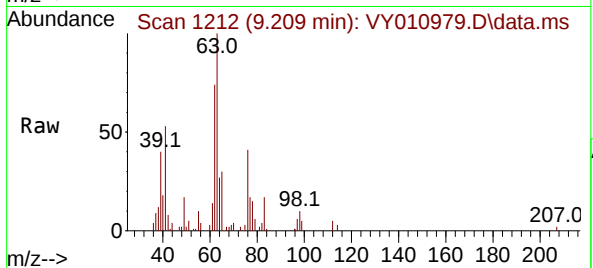
65 30.1 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#46

Dibromomethane

Concen: 4.518 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

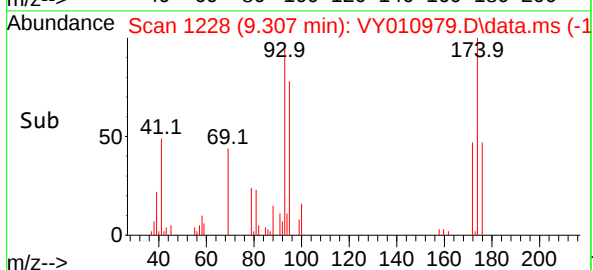
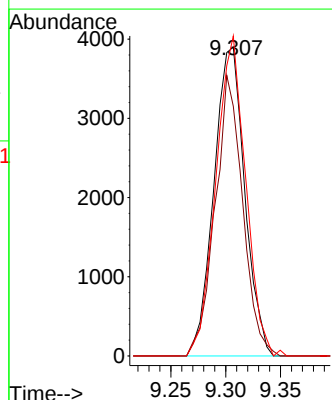
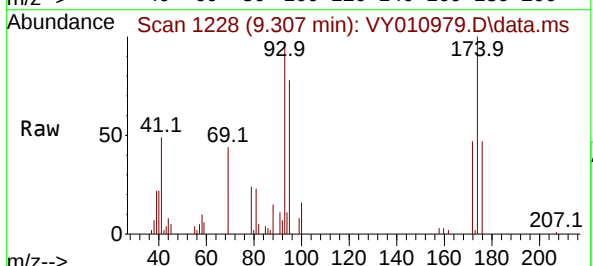
Tgt Ion: 93 Resp: 7628

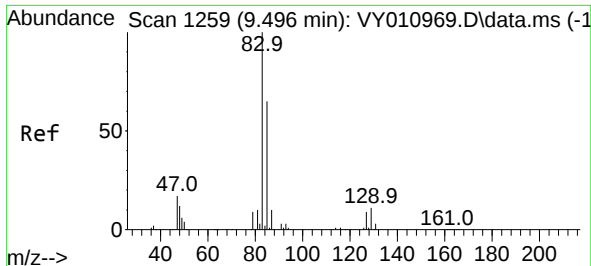
Ion Ratio Lower Upper

93 100

95 81.5 64.3 96.5

174 100.0 83.4 125.0





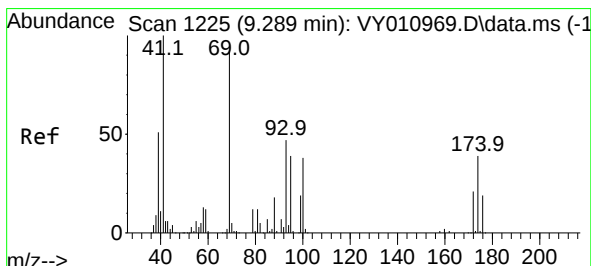
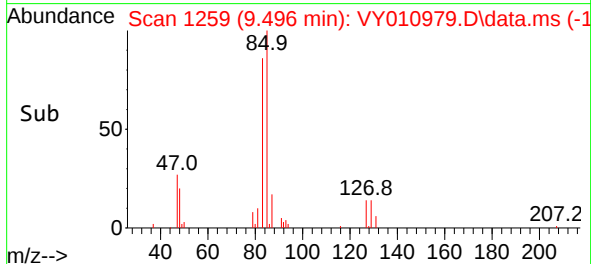
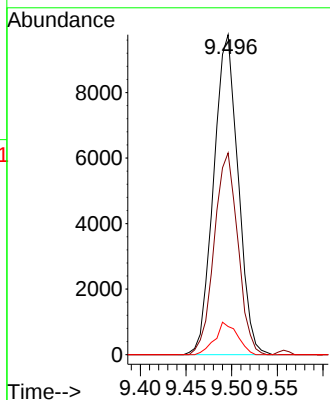
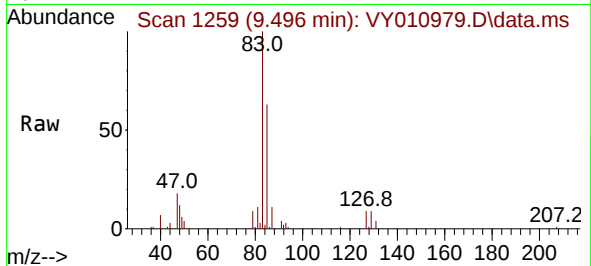
#47
Bromodichloromethane
Concen: 4.734 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

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

Tgt Ion: 83 Resp: 18200
Ion Ratio Lower Upper
83 100
85 63.1 51.9 77.9
127 8.8 6.6 10.0

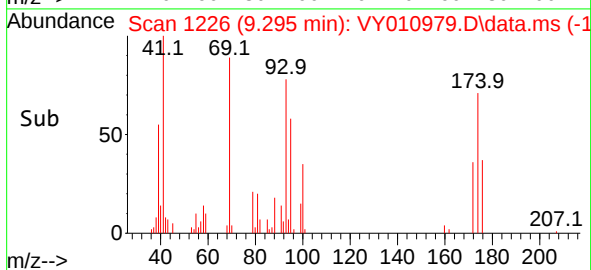
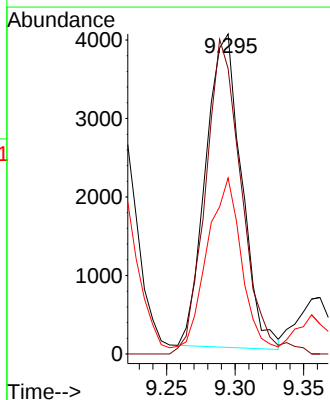
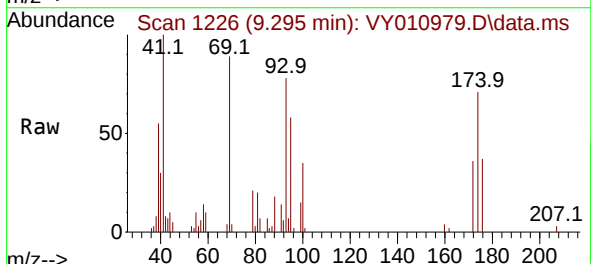
Manual Integrations
APPROVED

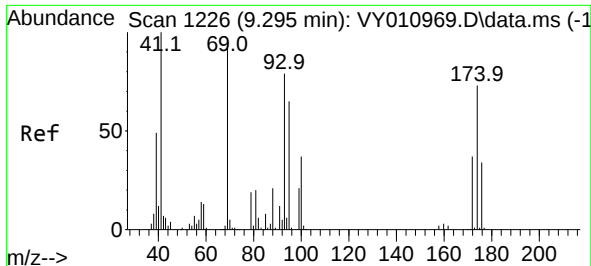
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#48
Methyl methacrylate
Concen: 4.904 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 41 Resp: 7266
Ion Ratio Lower Upper
41 100
69 100.9 58.2 87.2#
39 51.7 47.4 71.0





#49

1,4-Dioxane

Concen: 88.834 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

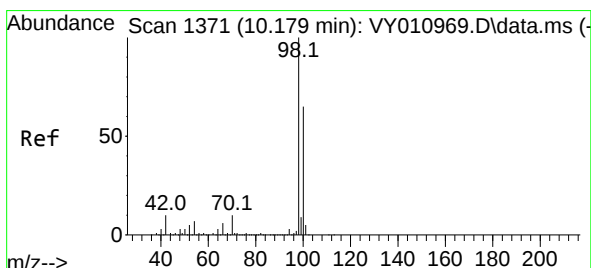
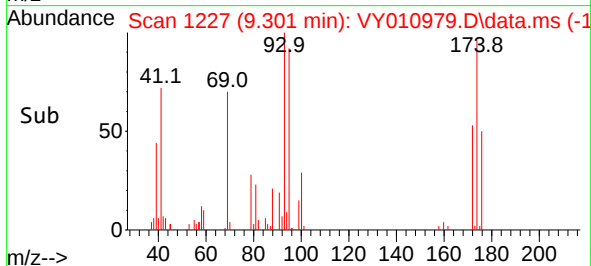
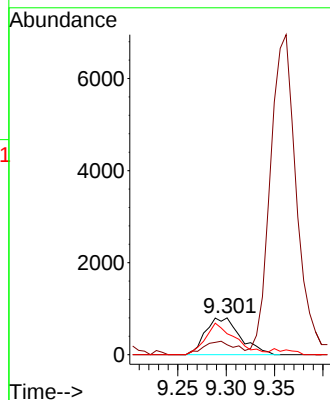
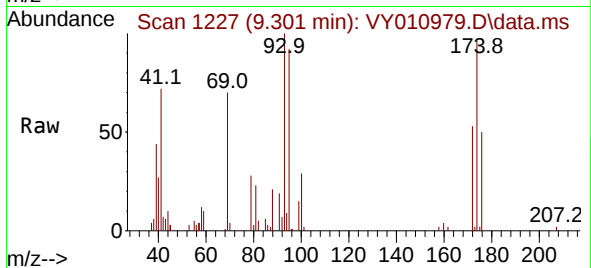
Tgt Ion:	88	Resp:	200
Ion	Ratio	Lower	Upper
88	100		
43	32.4	32.8	49.2
58	72.9	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#50

Toluene-d8

Concen: 49.781 ug/l

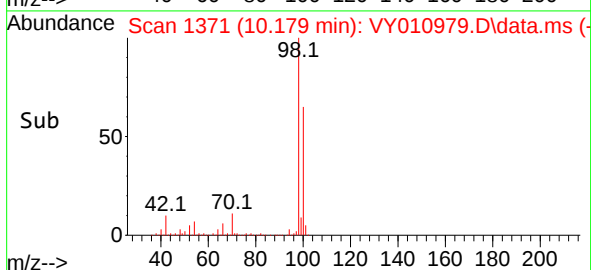
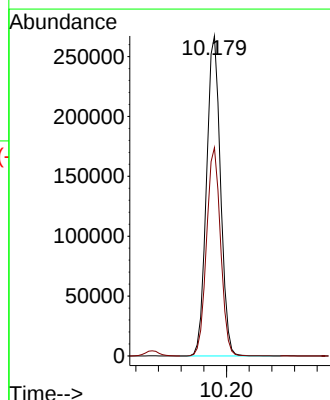
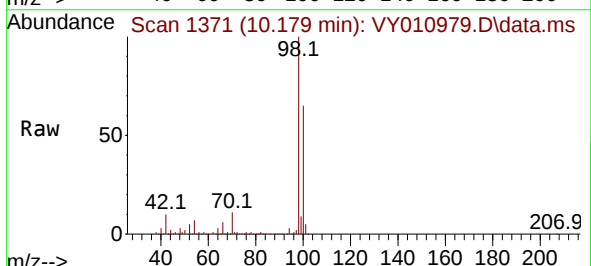
RT: 10.179 min Scan# 1371

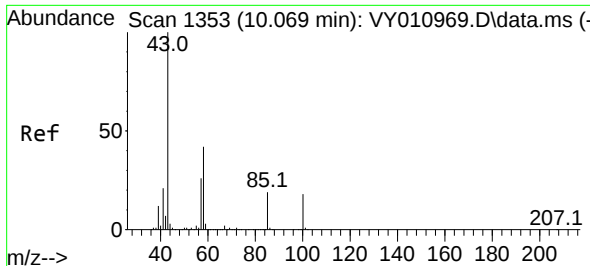
Delta R.T. -0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

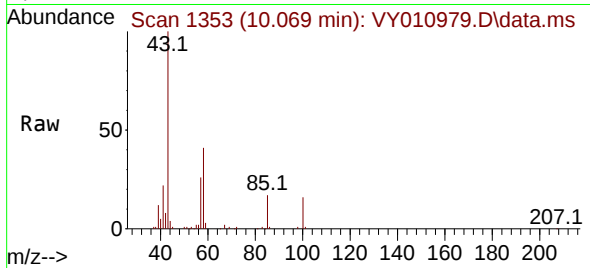
Tgt Ion:	98	Resp:	457686
Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.2	75.2





#51
4-Methyl-2-Pentanone
Concen: 20.376 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

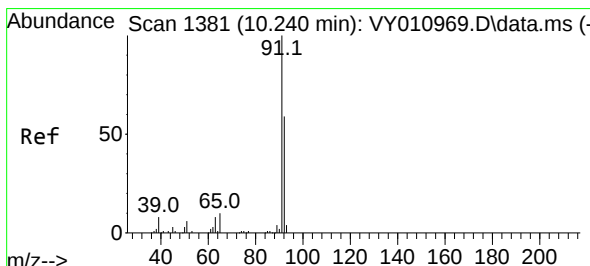
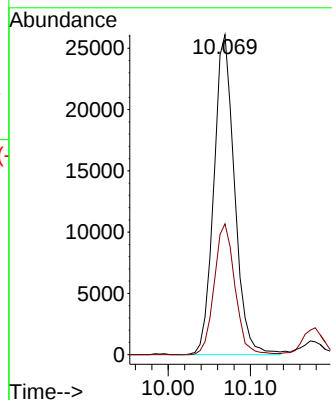
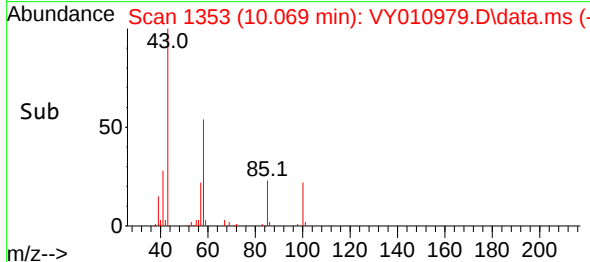
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion: 43 Resp: 4565
Ion Ratio Lower Upper
43 100
58 41.0 28.1 42.1

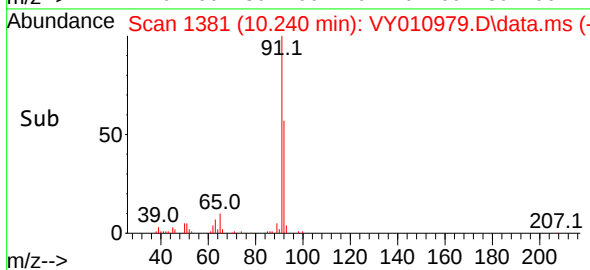
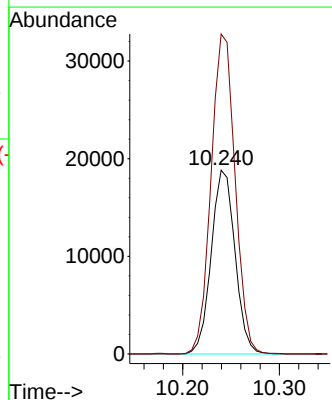
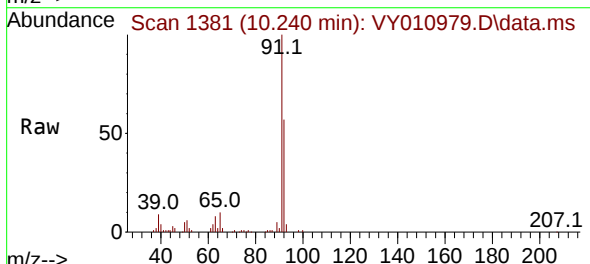
Manual Integrations
APPROVED

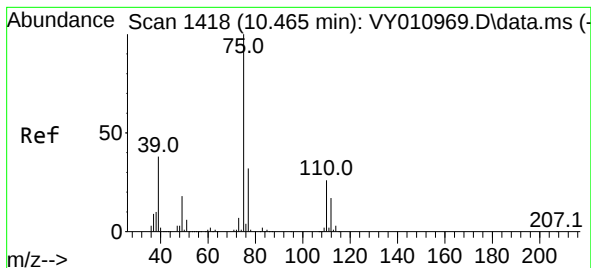
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#52
Toluene
Concen: 4.436 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 92 Resp: 32130
Ion Ratio Lower Upper
92 100
91 175.9 142.6 213.8





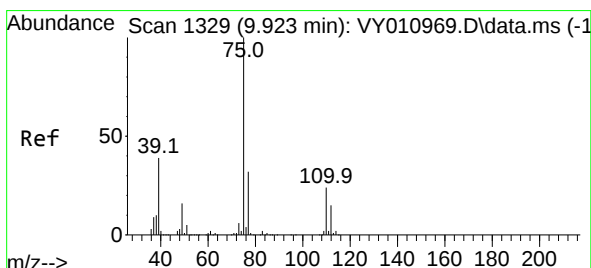
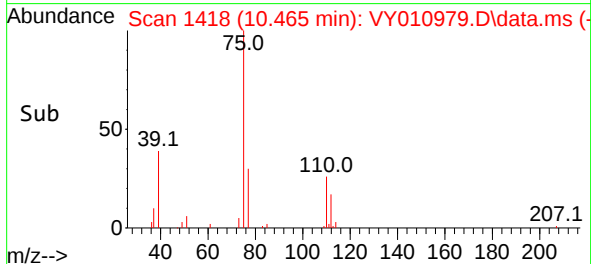
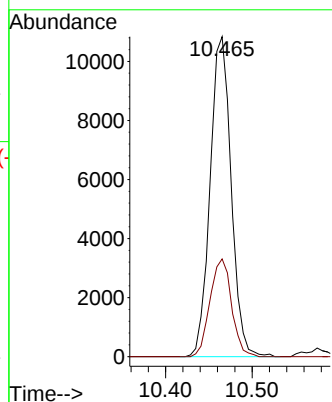
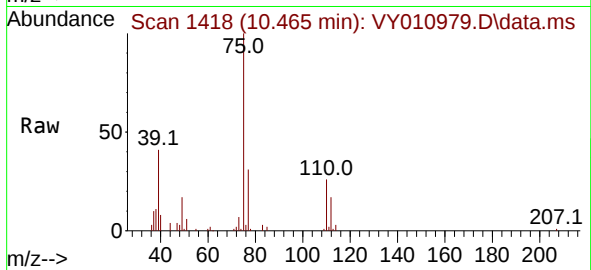
#53
t-1,3-Dichloropropene
Concen: 4.977 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

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

Tgt Ion: 75 Resp: 1830
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2

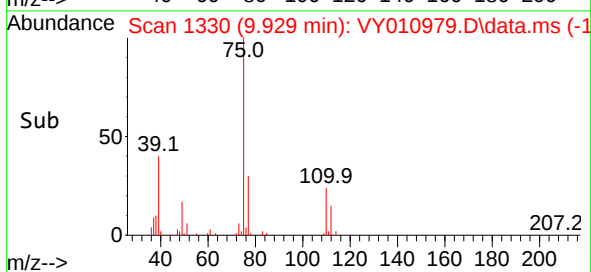
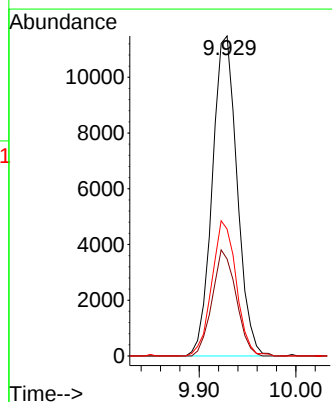
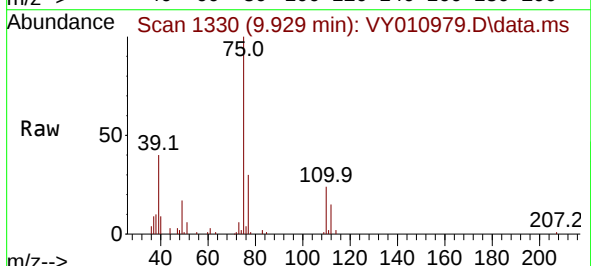
Manual Integrations
APPROVED

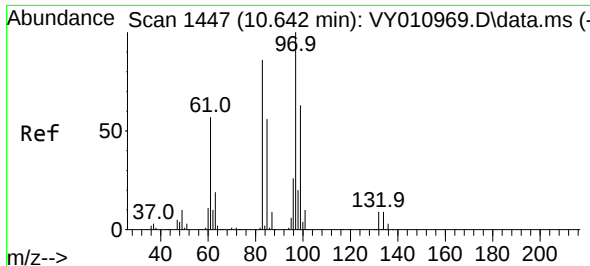
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#54
cis-1,3-Dichloropropene
Concen: 4.574 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

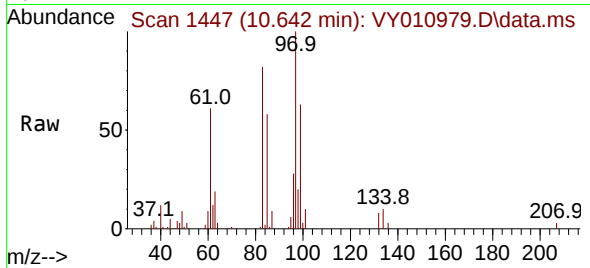
Tgt Ion: 75 Resp: 20430
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4
39 39.7 47.6 71.4#





#55
1,1,2-Trichloroethane
Concen: 4.371 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

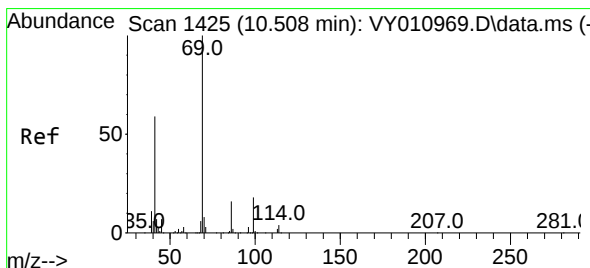
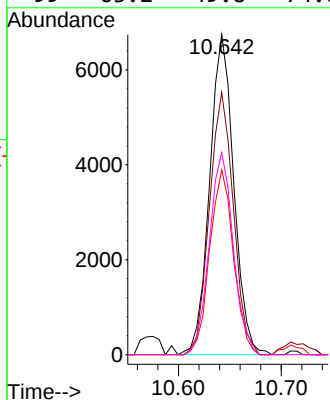
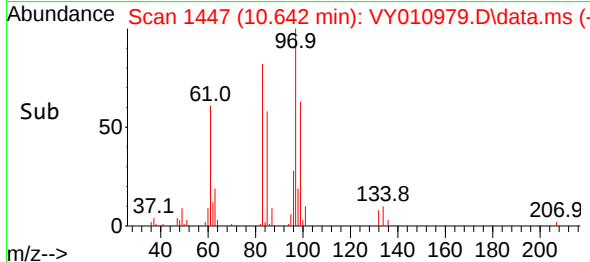
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



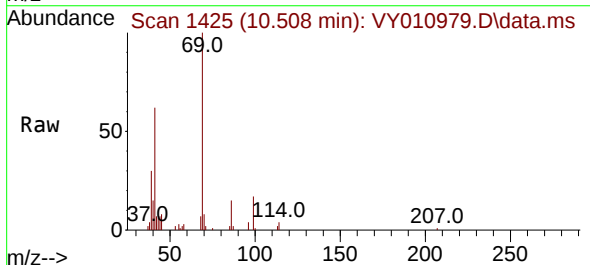
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.8	104.8
85	57.8	44.3	66.5
99	63.2	49.8	74.6

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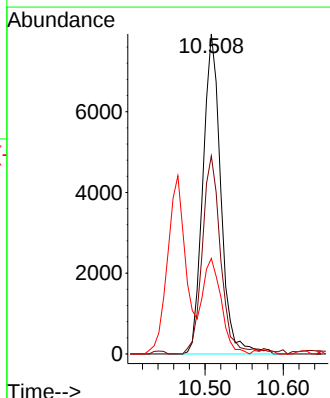
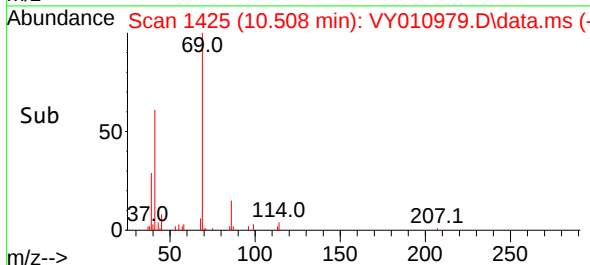
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

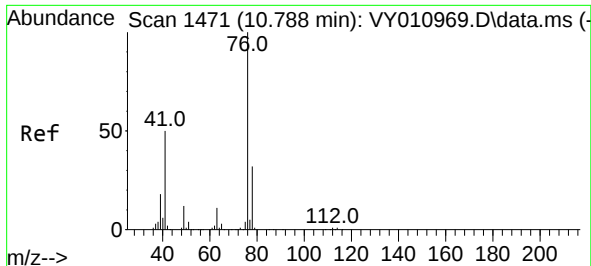


#56
Ethyl methacrylate
Concen: 5.097 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.4	63.4	95.0
39	30.2	35.8	53.8





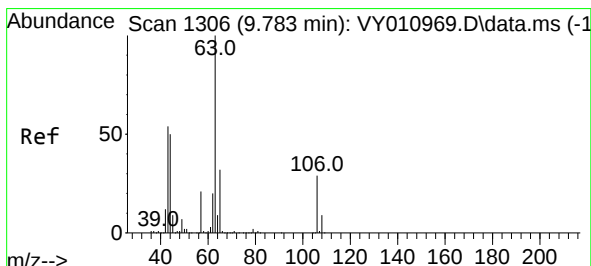
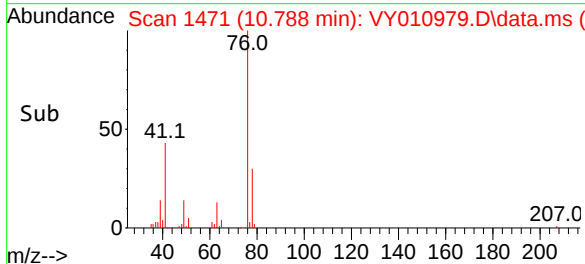
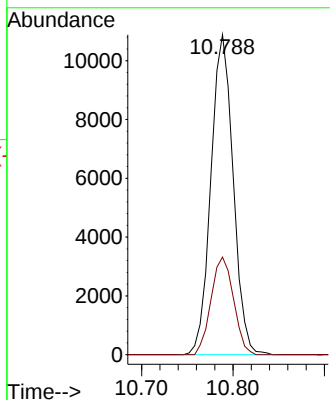
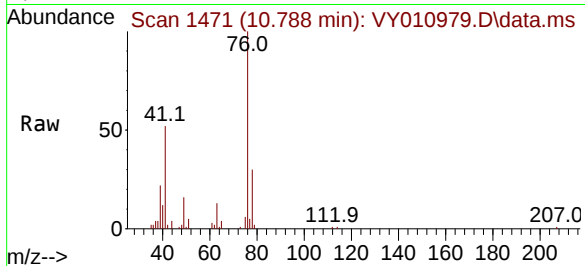
#57
1,3-Dichloropropane
Concen: 4.143 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

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

Tgt Ion: 76 Resp: 1841
Ion Ratio Lower Upper
76 100
78 30.7 25.0 37.6

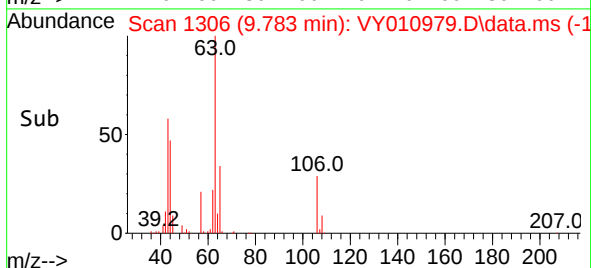
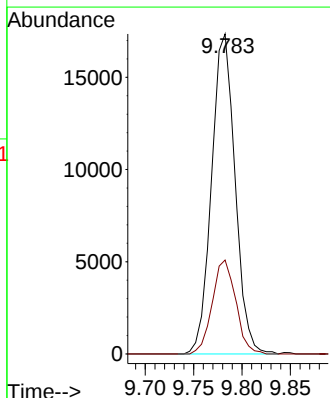
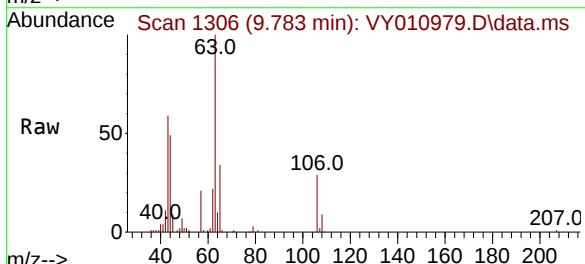
Manual Integrations
APPROVED

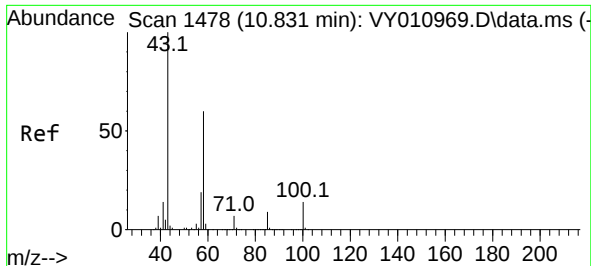
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#58
2-Chloroethyl Vinyl ether
Concen: 33.397 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

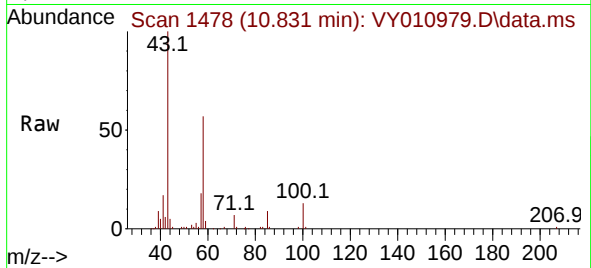
Tgt Ion: 63 Resp: 29347
Ion Ratio Lower Upper
63 100
106 29.3 21.5 32.3





#59
2-Hexanone
Concen: 19.757 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

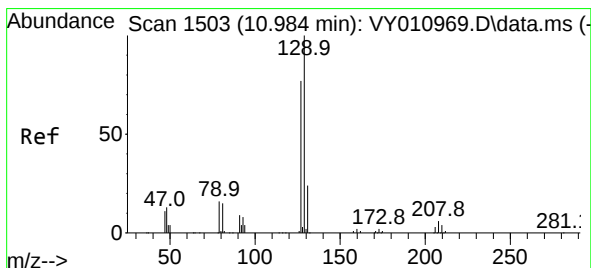
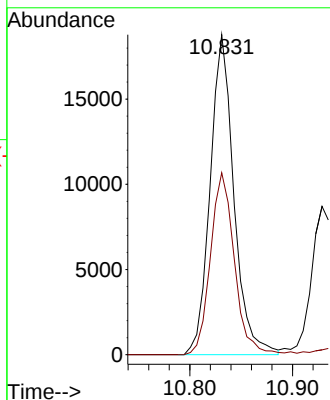
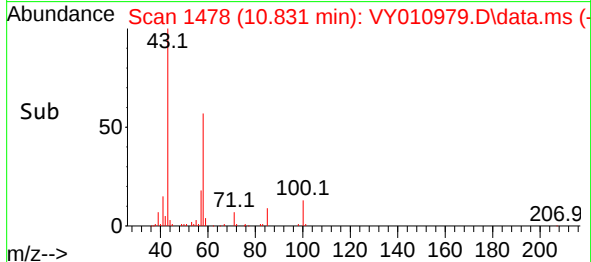
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



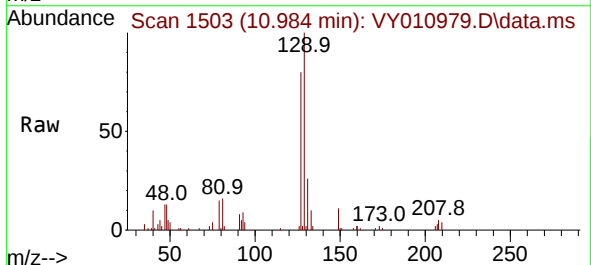
Tgt Ion: 43 Resp: 30098
Ion Ratio Lower Upper
43 100
58 57.2 24.4 73.4

Manual Integrations
APPROVED

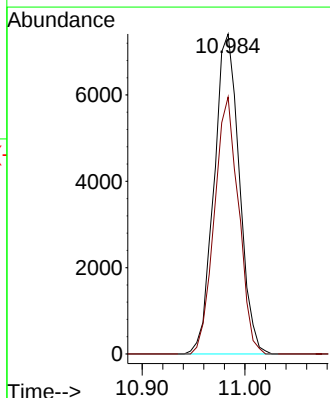
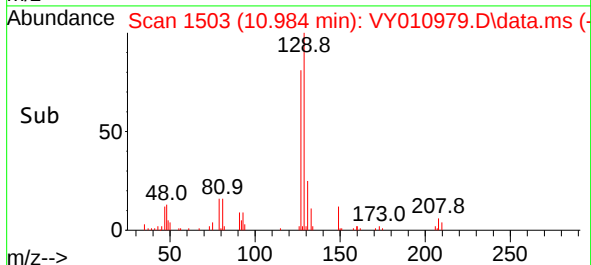
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

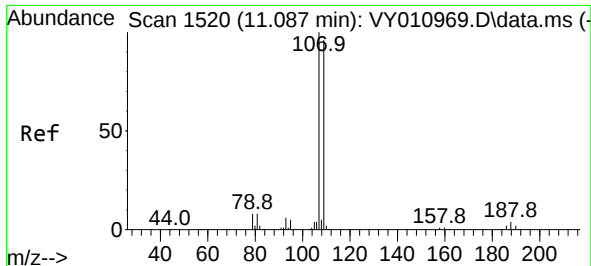


#60
Dibromochloromethane
Concen: 4.443 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52



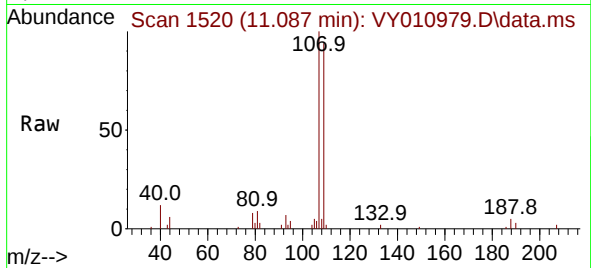
Tgt Ion:129 Resp: 12640
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 4.294 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

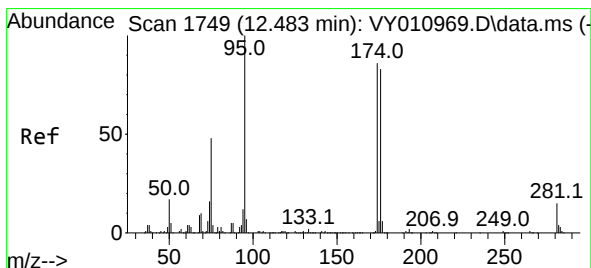
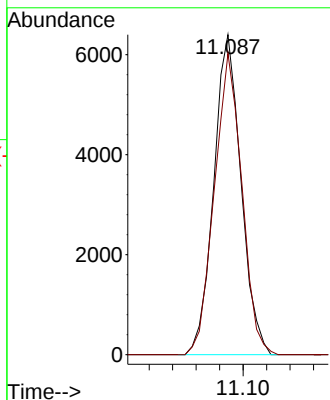
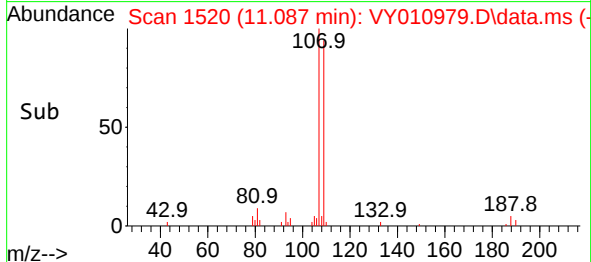
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



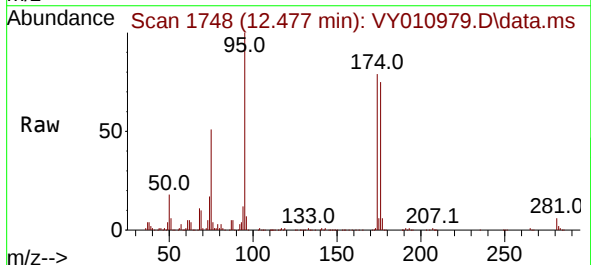
Tgt Ion:107 Resp: 1030
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2

Manual Integrations
APPROVED

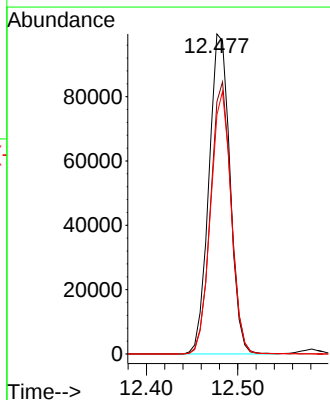
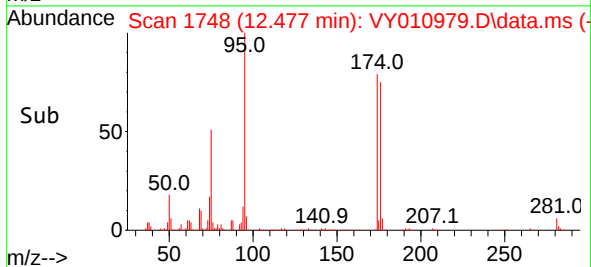
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

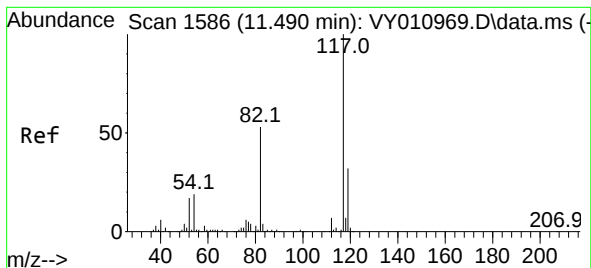


#62
4-Bromofluorobenzene
Concen: 47.066 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52



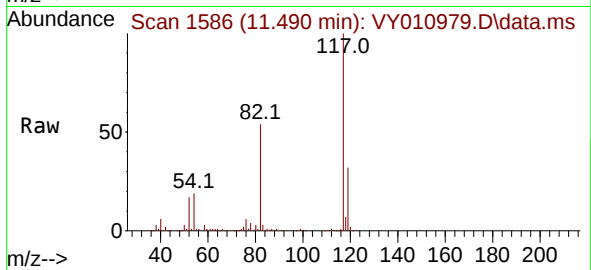
Tgt Ion: 95 Resp: 158719
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.3 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

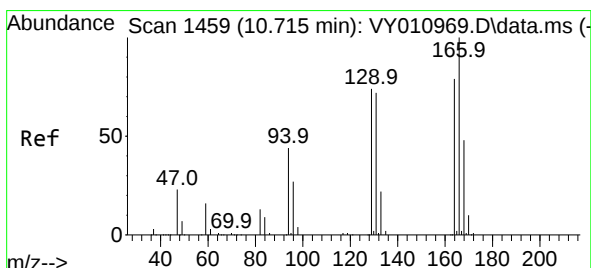
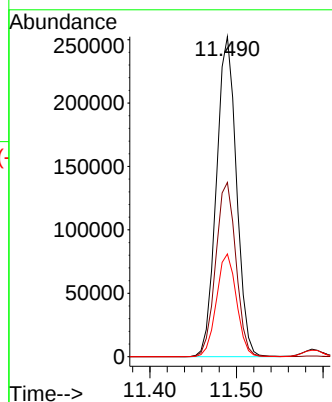
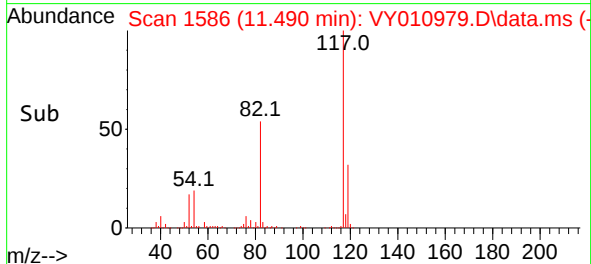
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



Tgt Ion:117 Resp: 40611
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.1 25.4 38.0

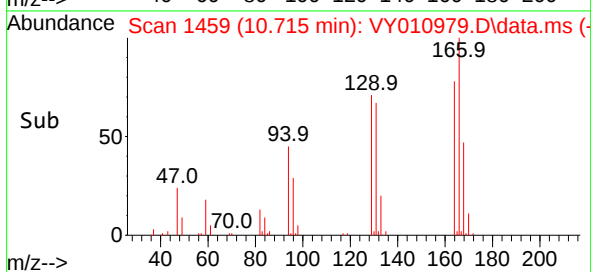
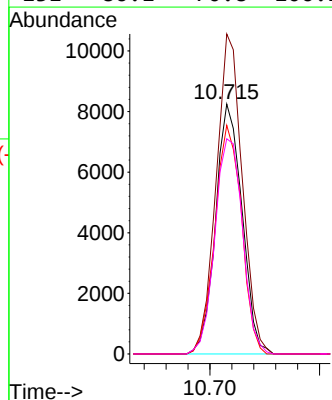
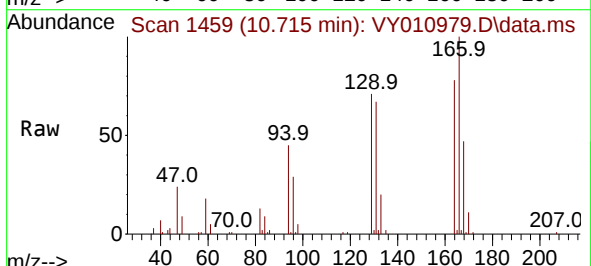
Manual Integrations
APPROVED

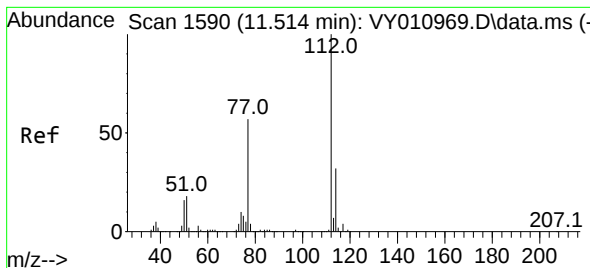
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#64
Tetrachloroethene
Concen: 3.978 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:164 Resp: 13781
Ion Ratio Lower Upper
164 100
166 128.0 100.4 150.6
129 91.5 71.4 107.0
131 86.1 70.8 106.2





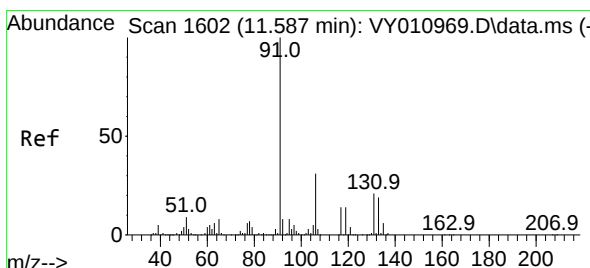
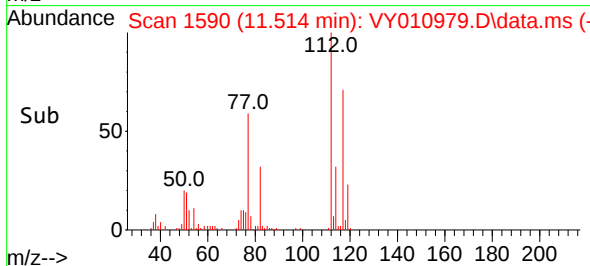
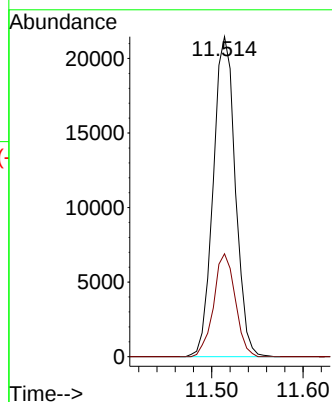
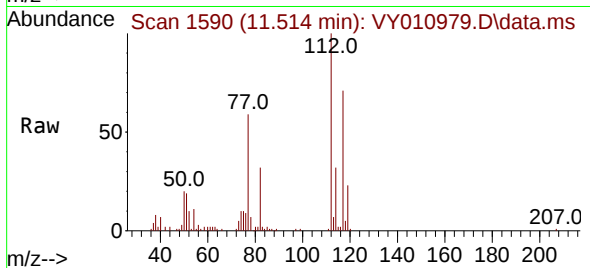
#65
Chlorobenzene
Concen: 4.191 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

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

Tgt Ion:112 Resp: 3603
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

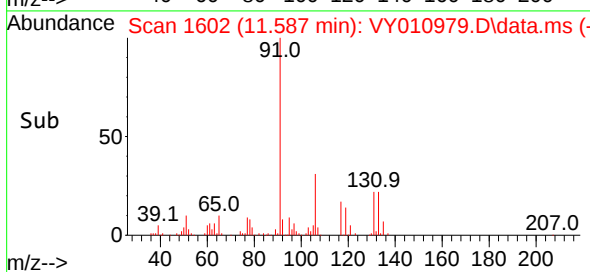
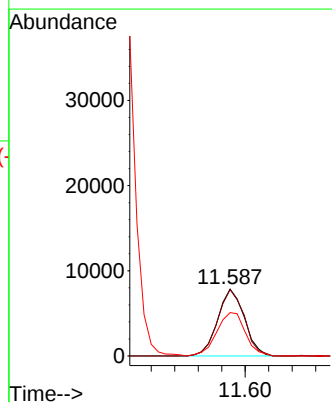
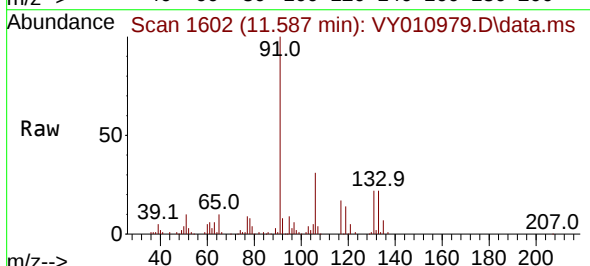
Manual Integrations
APPROVED

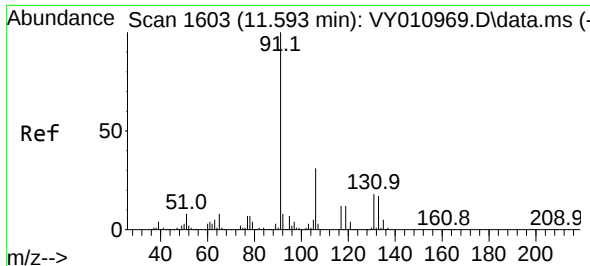
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.207 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:131 Resp: 12392
Ion Ratio Lower Upper
131 100
133 99.1 47.9 143.6
119 69.4 30.8 92.3





#67

Ethyl Benzene

Concen: 4.422 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion: 91 Resp: 5832

Ion Ratio Lower Upper

91 100

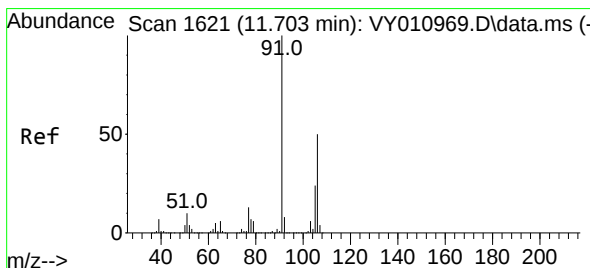
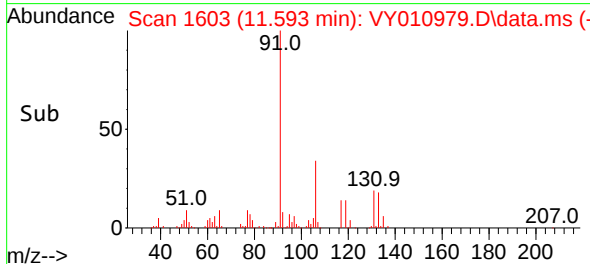
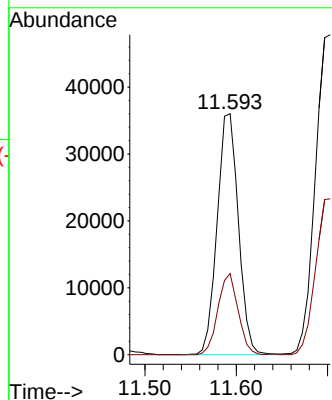
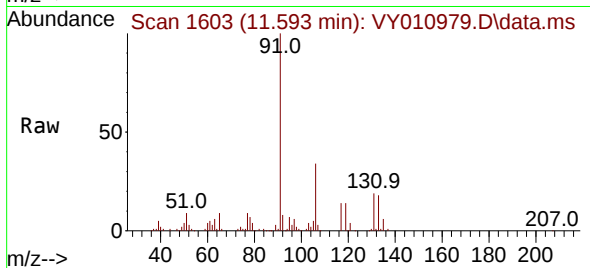
106 33.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#68

m/p-Xylenes

Concen: 8.682 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010979.D

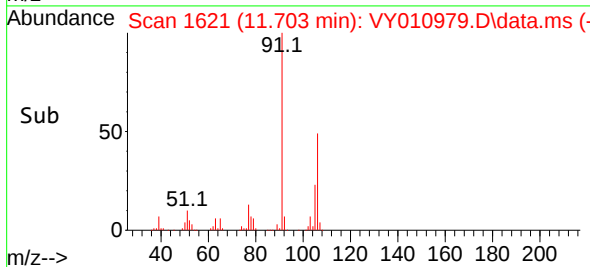
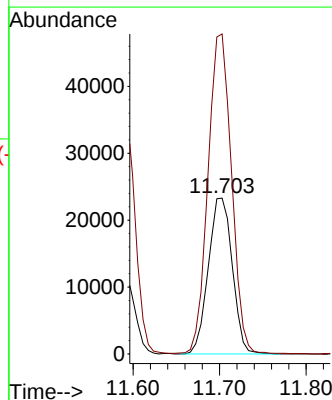
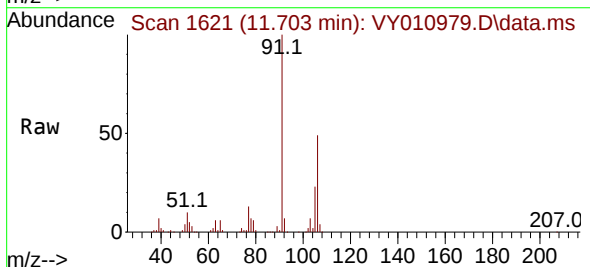
Acq: 17 Oct 2022 18:52

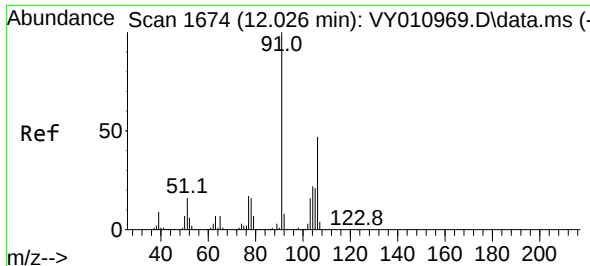
Tgt Ion:106 Resp: 44772

Ion Ratio Lower Upper

106 100

91 202.4 166.6 249.8





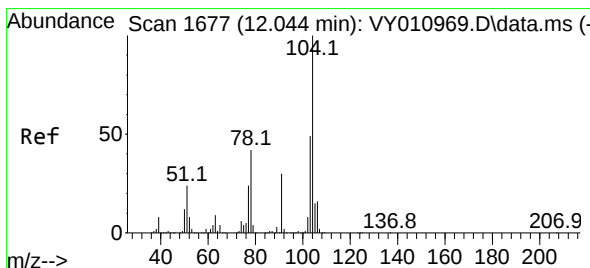
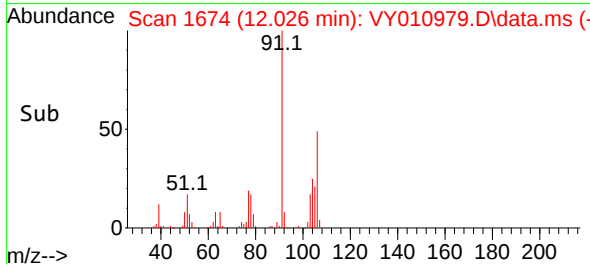
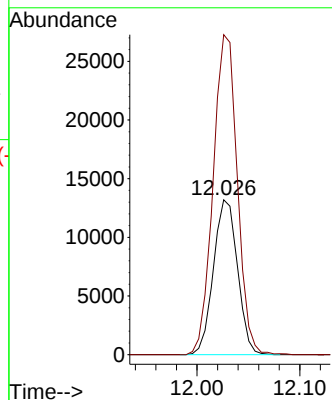
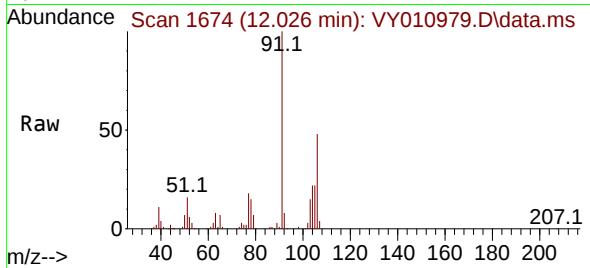
#69
o-Xylene
Concen: 4.702 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

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

Tgt Ion:106 Resp: 2143
Ion Ratio Lower Upper
106 100
91 208.2 110.3 331.0

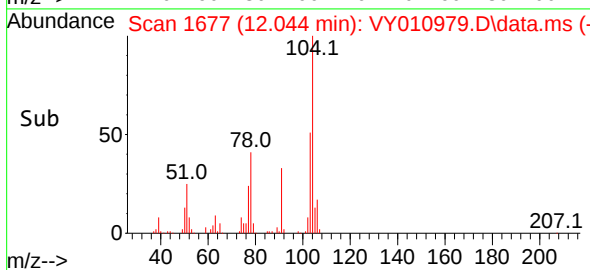
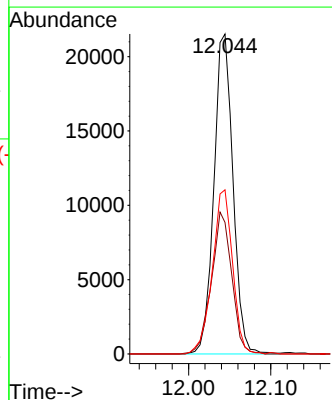
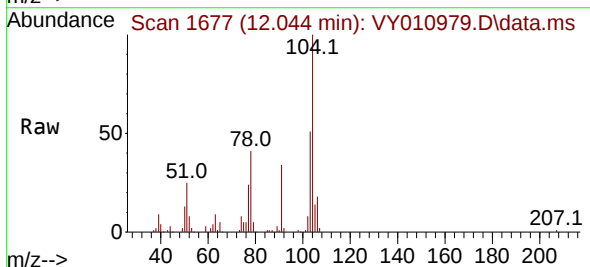
Manual Integrations
APPROVED

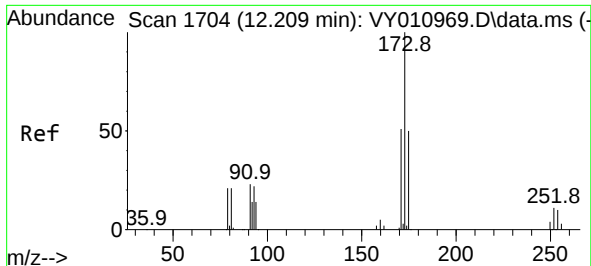
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#70
Styrene
Concen: 4.471 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

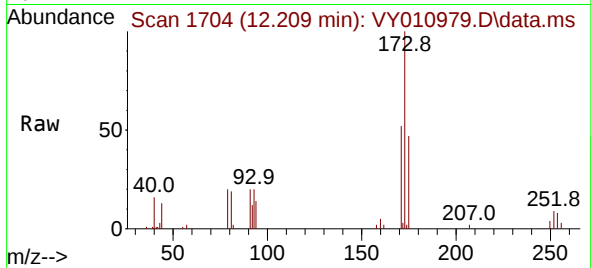
Tgt Ion:104 Resp: 34746
Ion Ratio Lower Upper
104 100
78 47.1 42.4 63.6
103 54.3 44.4 66.6





#71
Bromoform
Concen: 4.704 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

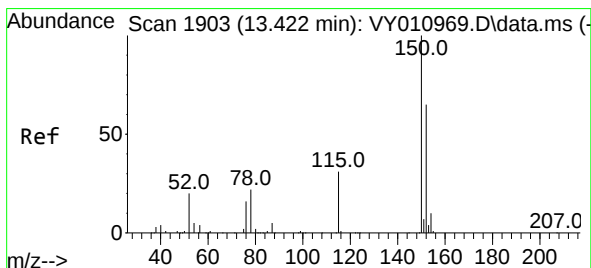
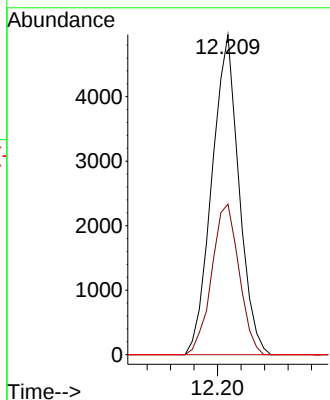
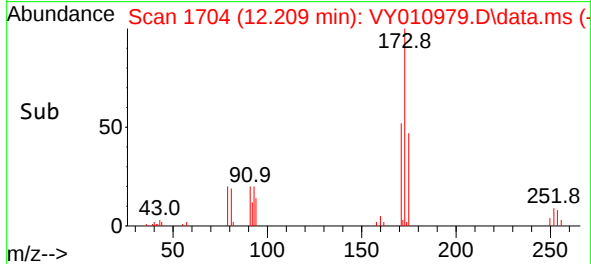
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



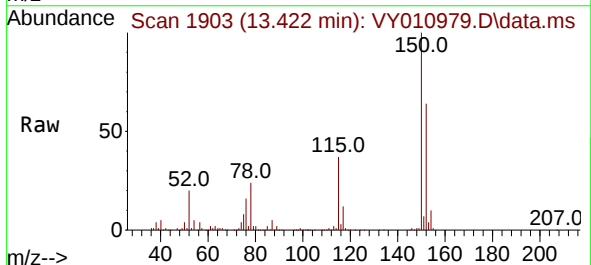
Tgt Ion:173 Resp: 7938
Ion Ratio Lower Upper
173 100
175 47.6 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

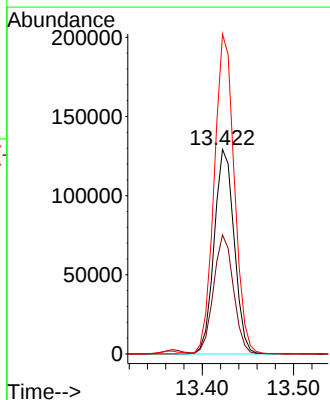
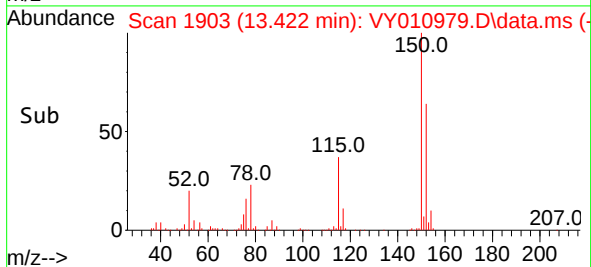
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

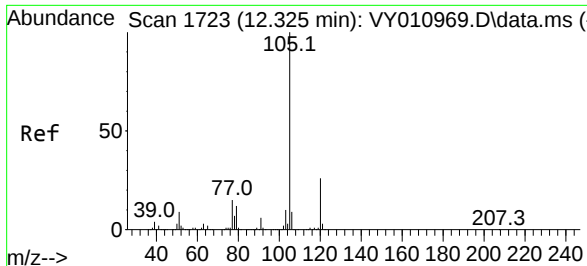


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52



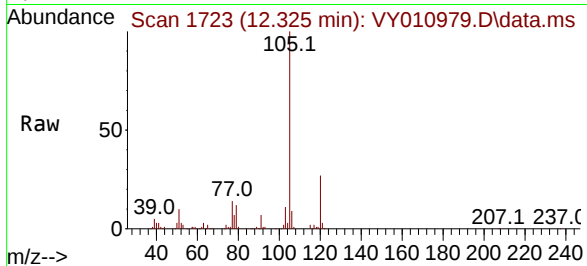
Tgt Ion:152 Resp: 196344
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.3 0.0 347.6





#73
Isopropylbenzene
Concen: 4.595 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

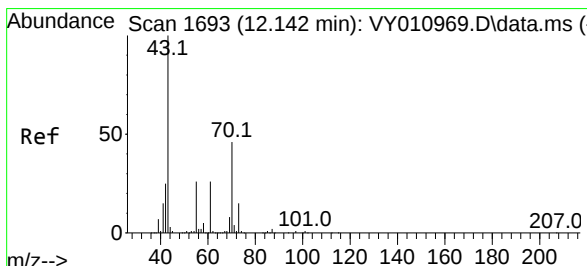
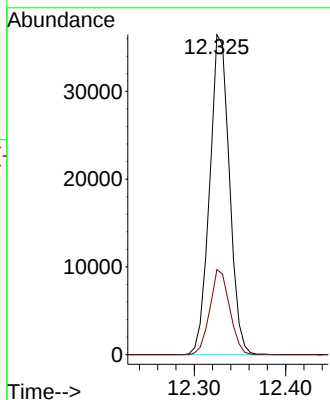
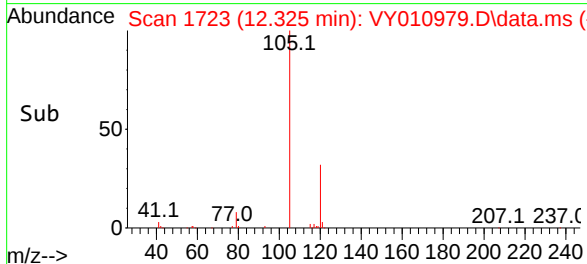
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022



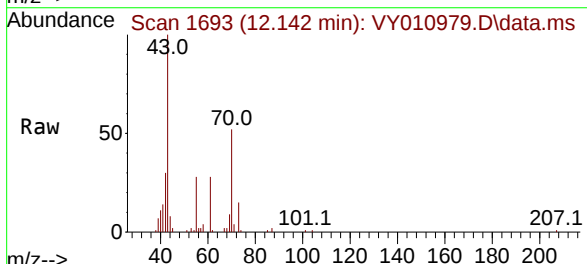
Tgt Ion: 105 Resp: 54650
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2

Manual Integrations
APPROVED

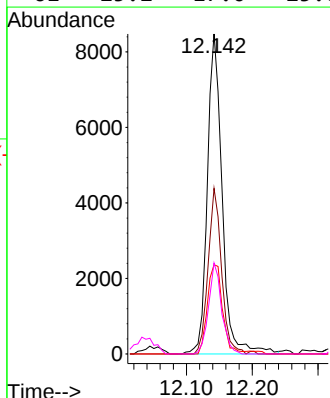
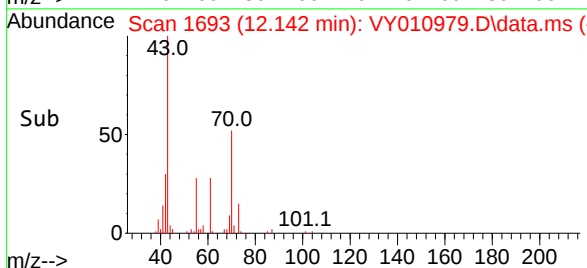
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

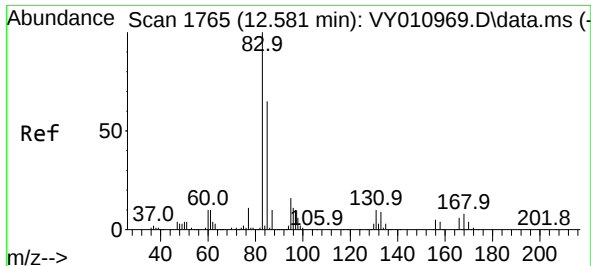


#74
N-ethyl acetate
Concen: 5.174 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52



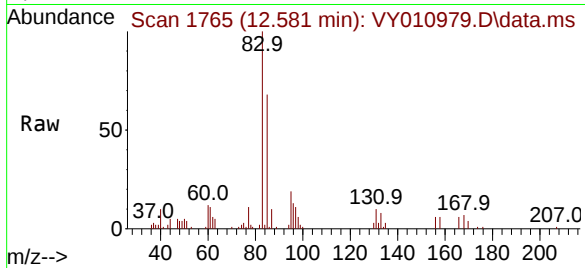
Tgt Ion: 43 Resp: 13279
Ion Ratio Lower Upper
43 100
70 46.9 28.7 43.1#
55 28.3 17.3 25.9#
61 25.2 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 4.295 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

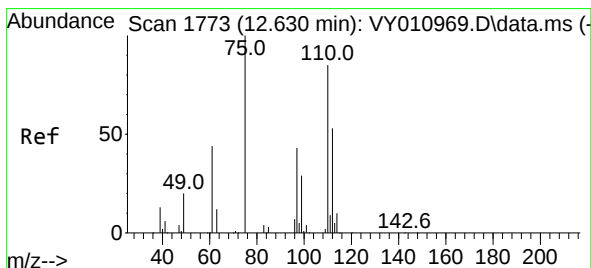
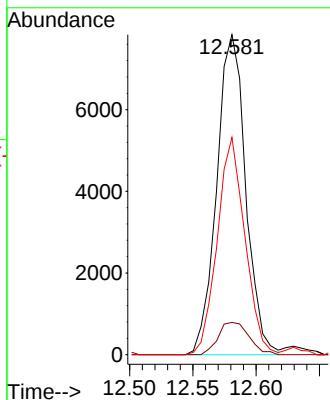
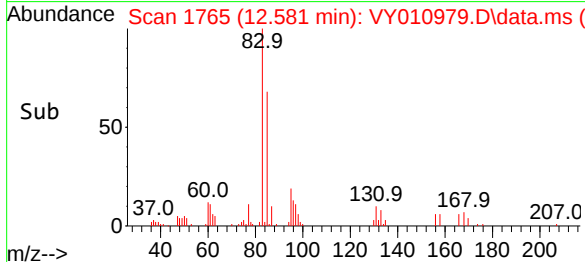
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022



Tgt Ion: 83 Resp: 12470
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.7 32.3 96.8

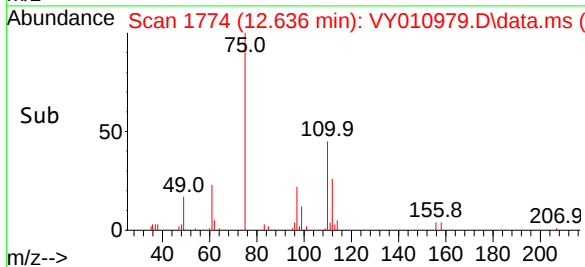
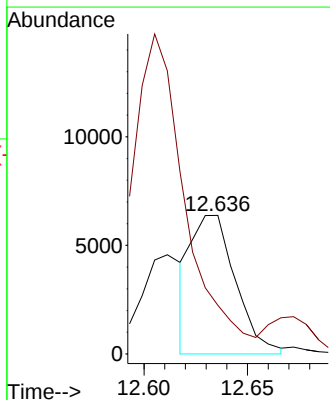
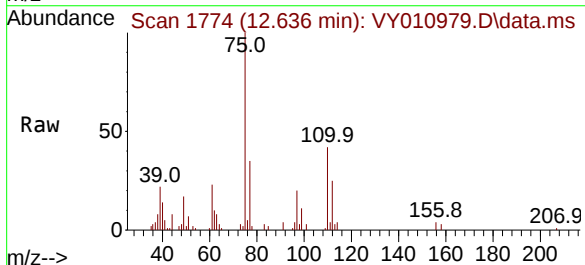
Manual Integrations
APPROVED

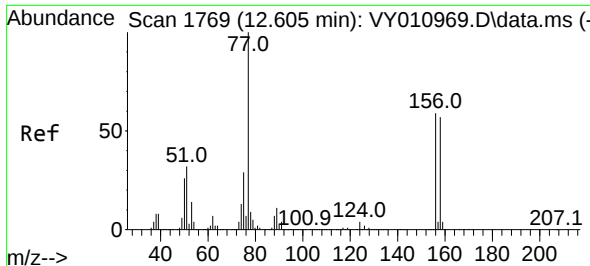
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#76
1,2,3-Trichloropropane
Concen: 4.261 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

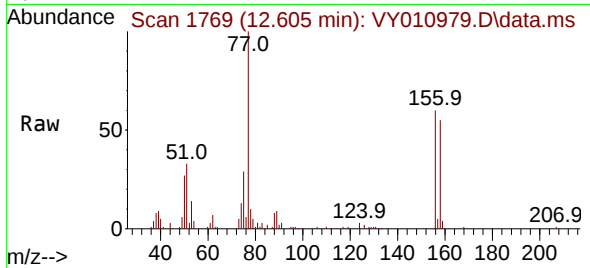
Tgt Ion: 75 Resp: 9520
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.686 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

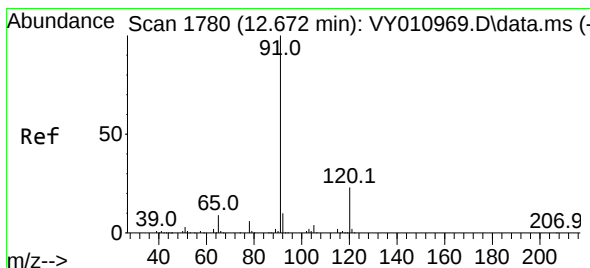
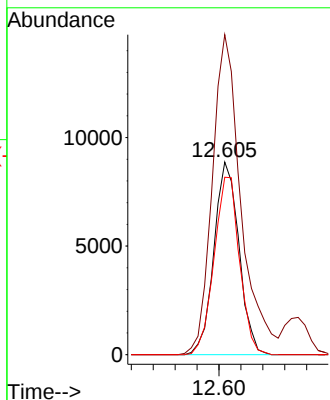
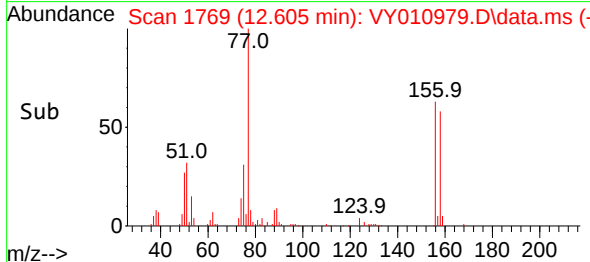
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022



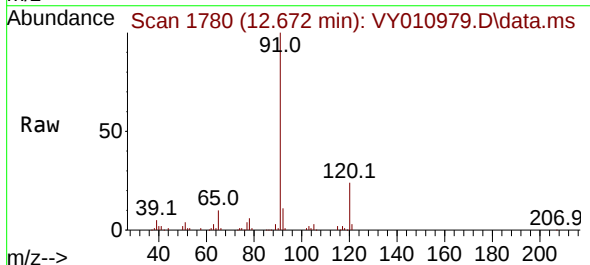
Tgt Ion: 156 Resp: 14048
Ion Ratio Lower Upper
156 100
77 191.2 95.5 286.4
158 93.8 48.0 144.0

Manual Integrations
APPROVED

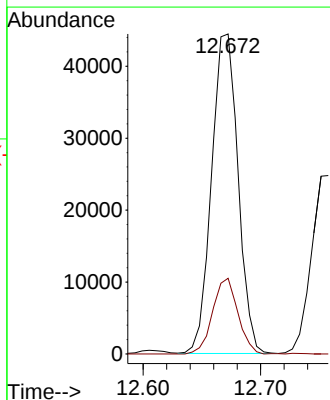
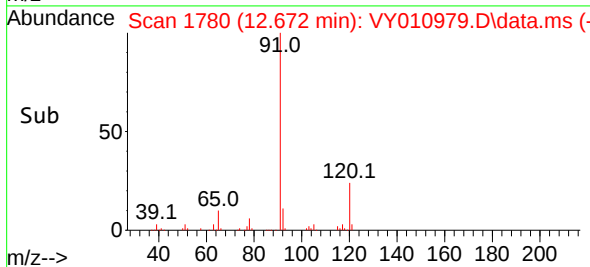
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

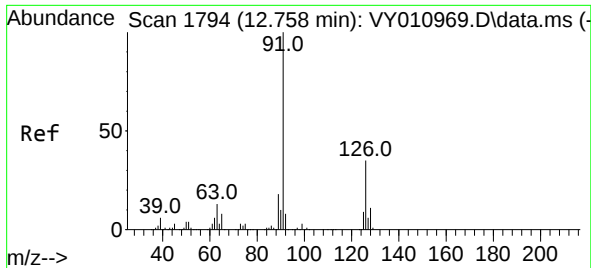


#78
n-propylbenzene
Concen: 4.368 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52



Tgt Ion: 91 Resp: 69657
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9





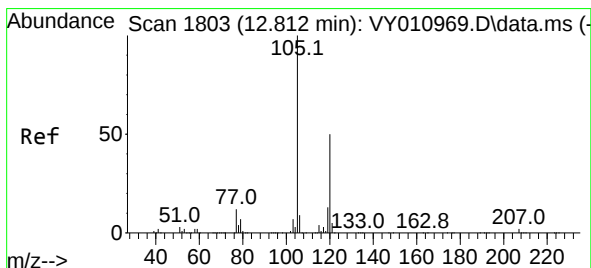
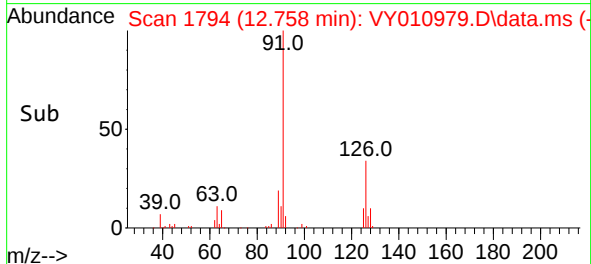
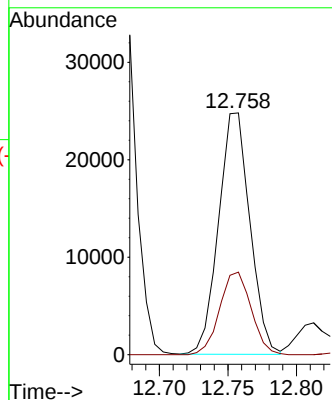
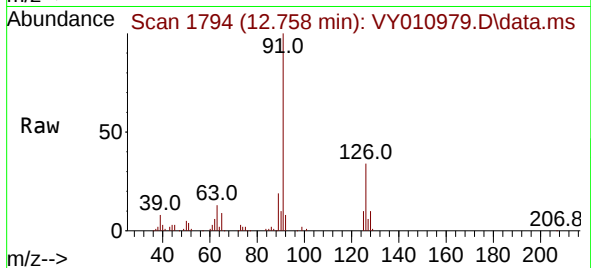
#79
2-Chlorotoluene
Concen: 4.597 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

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

Tgt Ion: 91 Resp: 39494
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6

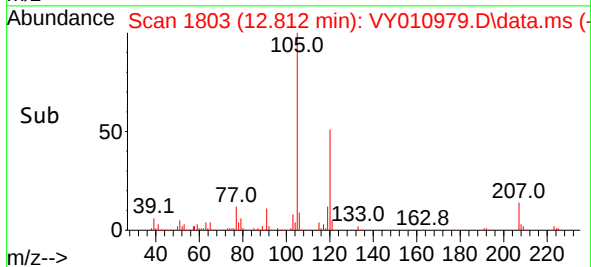
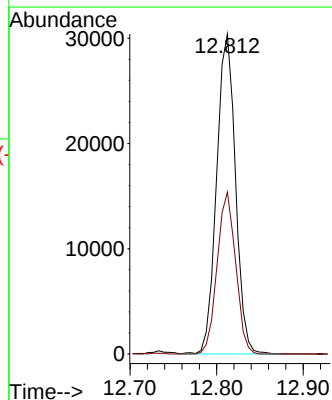
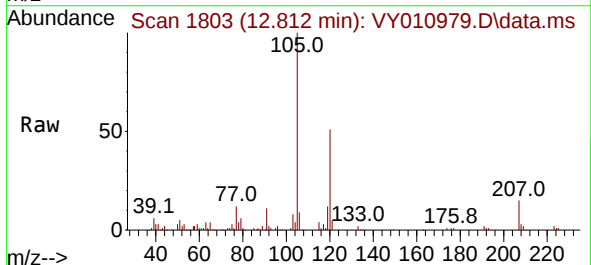
Manual Integrations
APPROVED

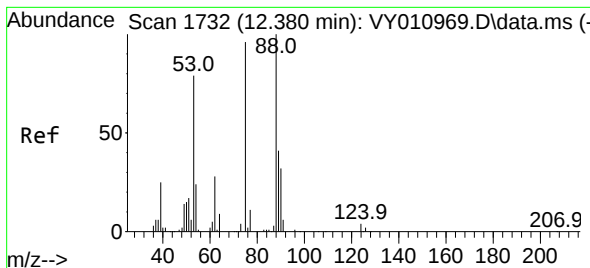
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.130 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

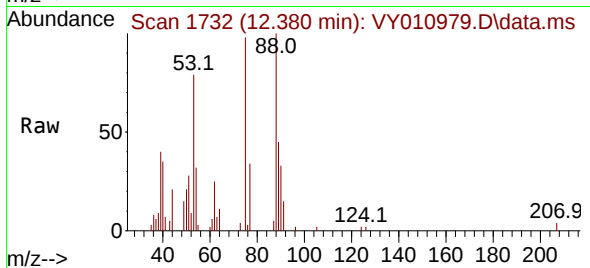
Tgt Ion:105 Resp: 45978
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 5.144 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

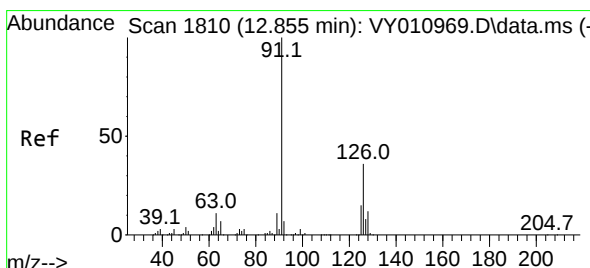
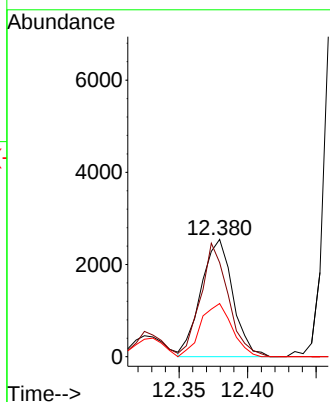
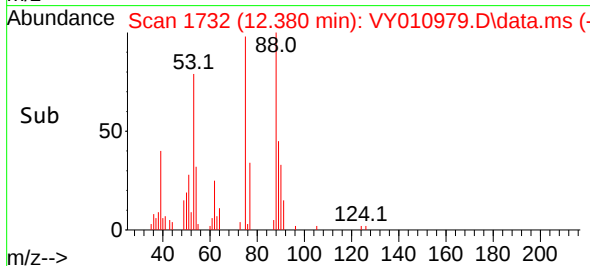
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022



Tgt Ion: 75 Resp: 4100
Ion Ratio Lower Upper
75 100
53 84.3 85.3 127.9
89 44.7 37.0 55.4

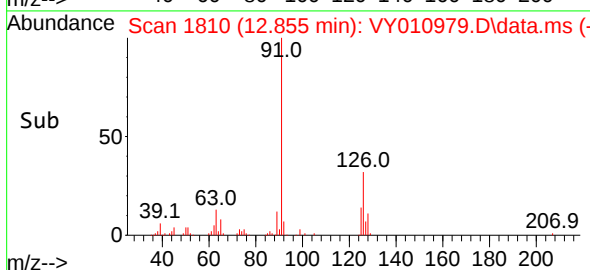
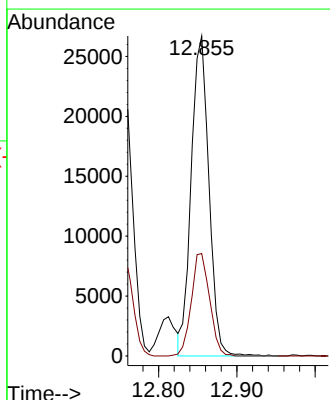
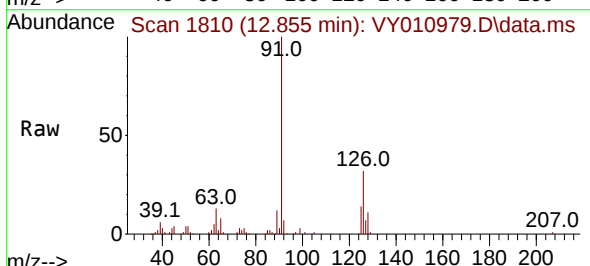
Manual Integrations
APPROVED

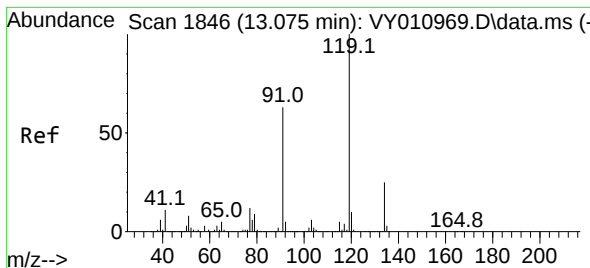
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#82
4-Chlorotoluene
Concen: 4.410 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

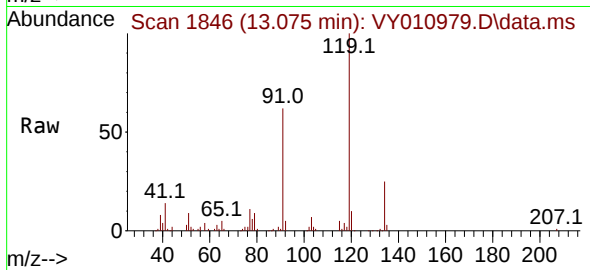
Tgt Ion: 91 Resp: 41992
Ion Ratio Lower Upper
91 100
126 33.2 17.0 51.0





#83
tert-Butylbenzene
Concen: 4.581 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

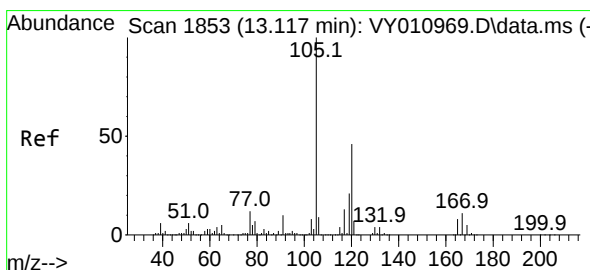
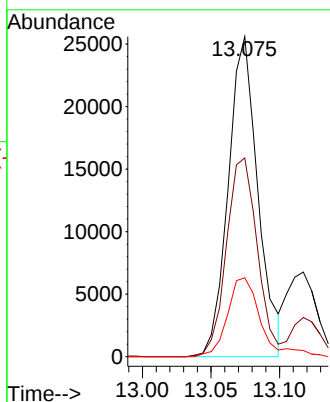
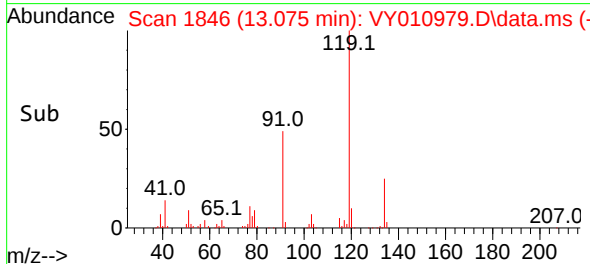
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022



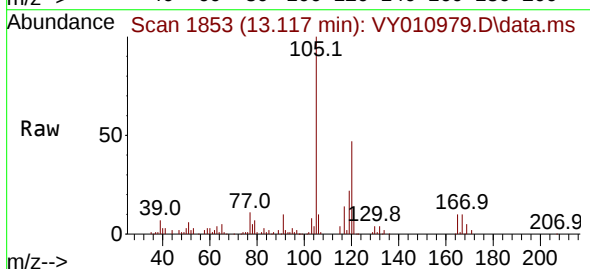
Tgt Ion:119 Resp: 3859
Ion Ratio Lower Upper
119 100
91 64.4 34.8 104.4
134 27.6 13.3 39.9

Manual Integrations
APPROVED

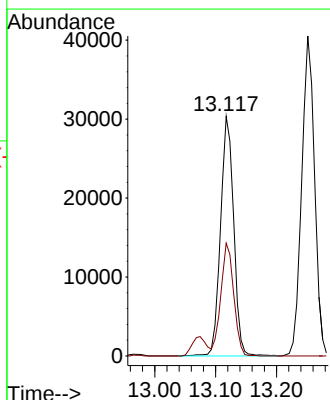
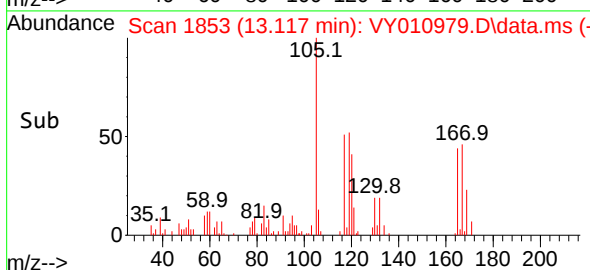
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022

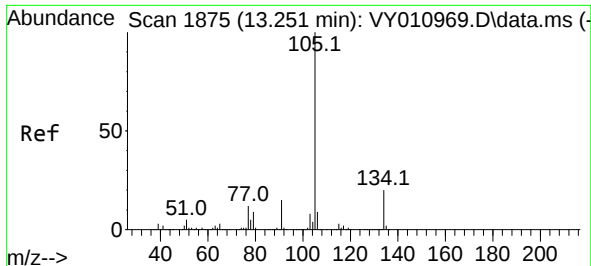


#84
1,2,4-Trimethylbenzene
Concen: 4.276 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52



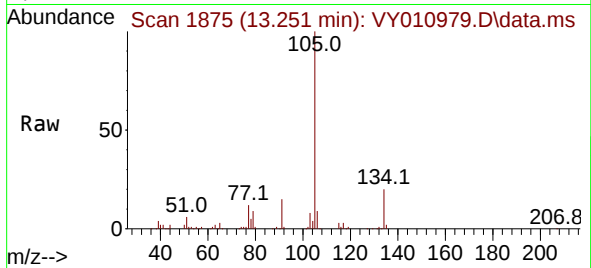
Tgt Ion:105 Resp: 45505
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 4.059 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY010979.D
 Acq: 17 Oct 2022 18:52

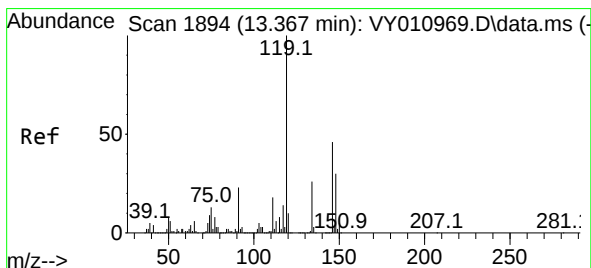
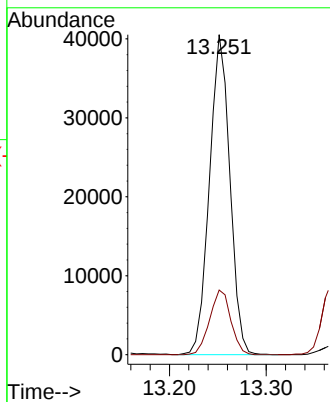
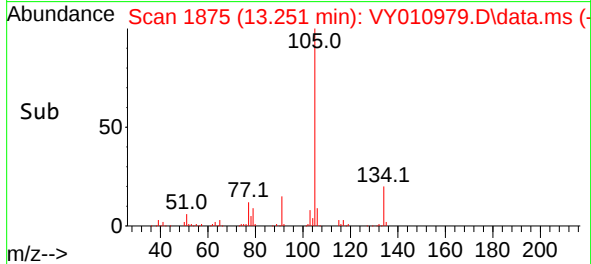
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2022



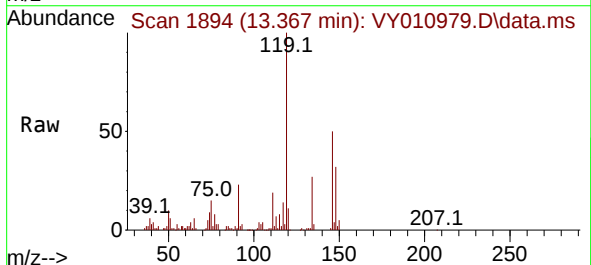
Tgt Ion:105 Resp: 59439
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4

Manual Integrations
 APPROVED

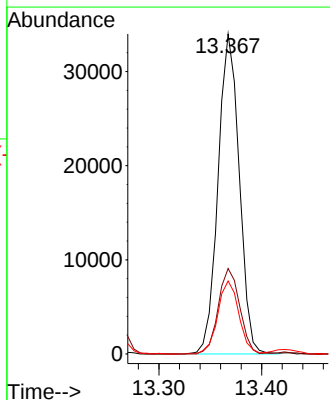
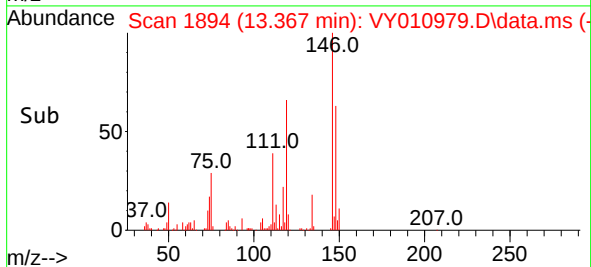
Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/19/2022

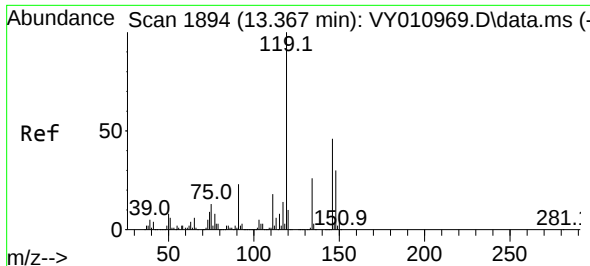


#86
 p-Isopropyltoluene
 Concen: 4.338 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010979.D
 Acq: 17 Oct 2022 18:52



Tgt Ion:119 Resp: 48540
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.5
 91 22.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 4.256 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

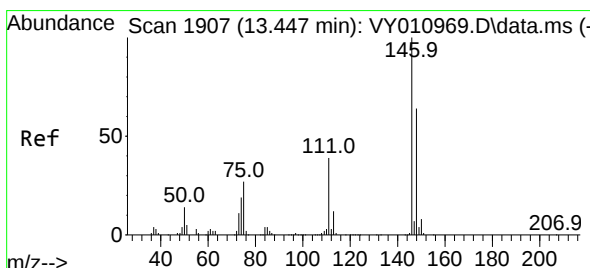
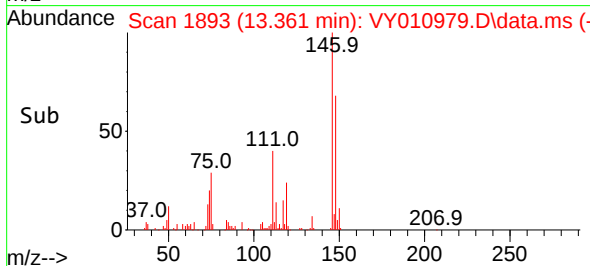
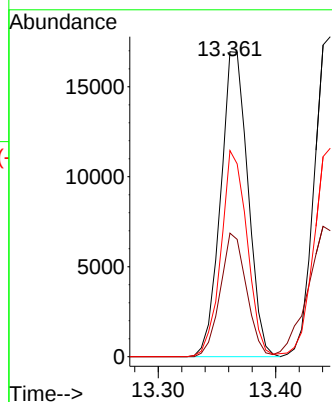
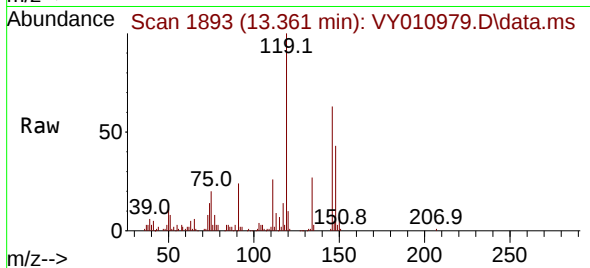
Tgt Ion:	146	Resp:	2732
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.5	58.5
148	64.6	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#88

1,4-Dichlorobenzene

Concen: 4.124 ug/l

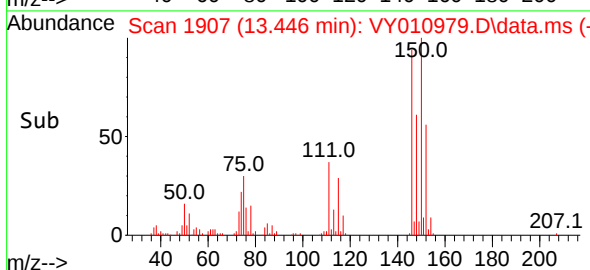
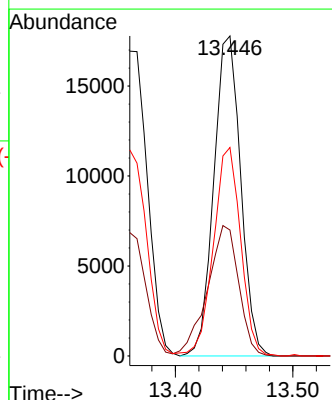
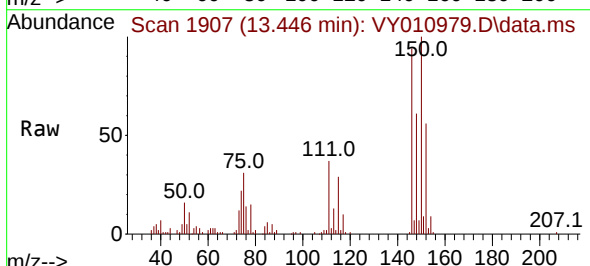
RT: 13.446 min Scan# 1907

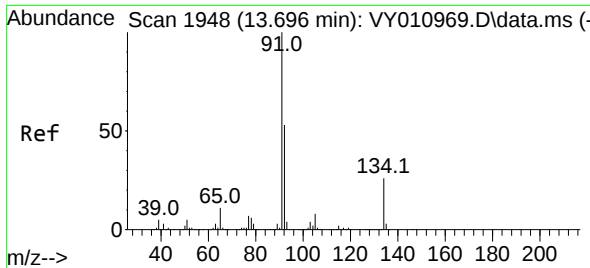
Delta R.T. -0.001 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Tgt Ion:	146	Resp:	28277
Ion Ratio	Lower	Upper	
146	100		
111	47.4	19.3	57.8
148	66.2	32.6	97.8





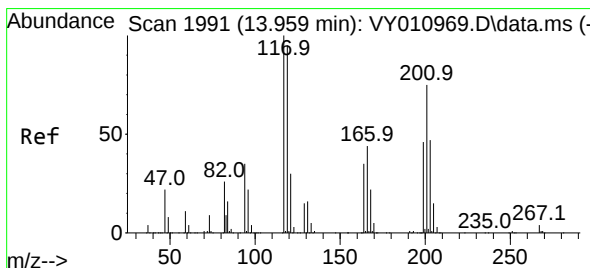
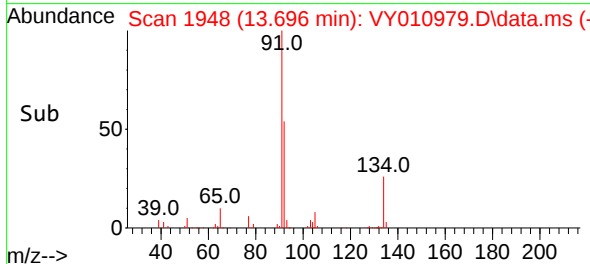
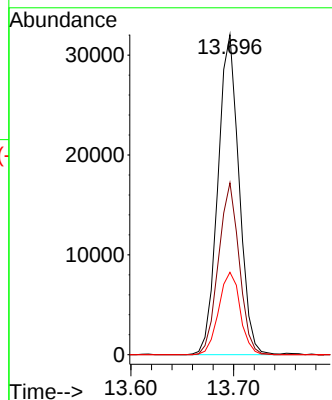
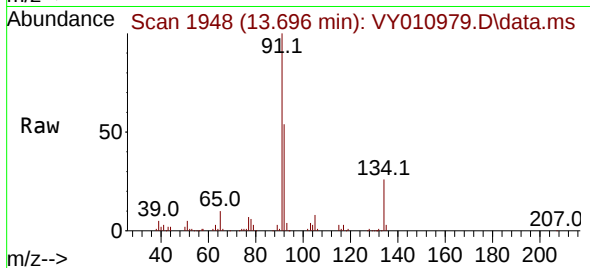
#89
n-Butylbenzene
Concen: 4.224 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

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

Tgt Ion: 91 Resp: 4575
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 26.2 13.0 38.9

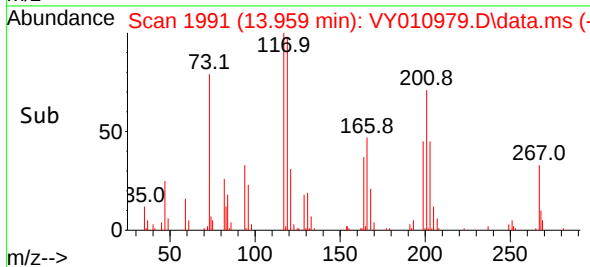
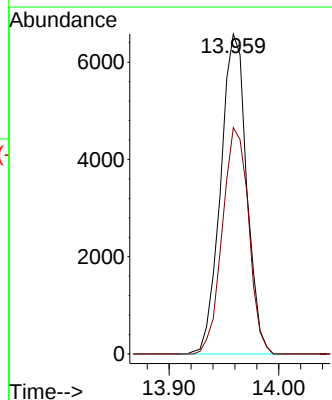
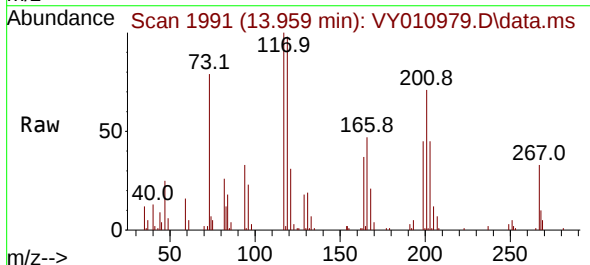
Manual Integrations
APPROVED

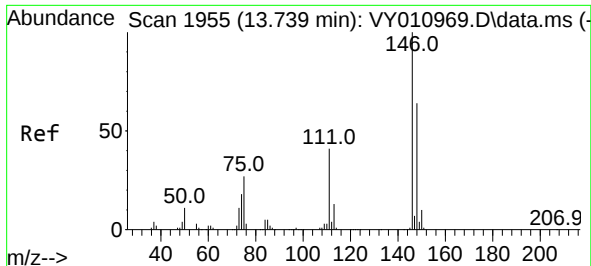
Reviewed By :Krupa Patel 10/18/2022
Supervised By :Mahesh Dadoda 10/19/2022



#90
Hexachloroethane
Concen: 4.475 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:117 Resp: 10868
Ion Ratio Lower Upper
117 100
201 71.3 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 3.948 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

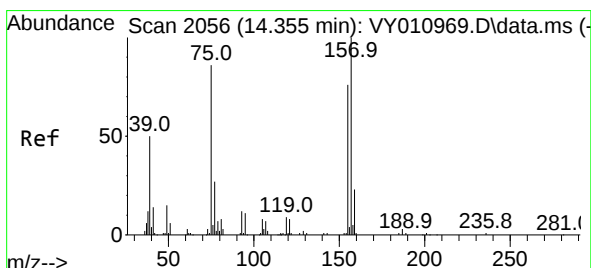
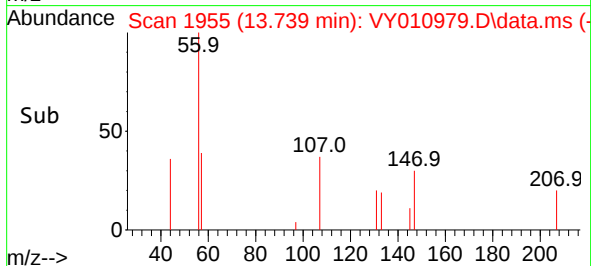
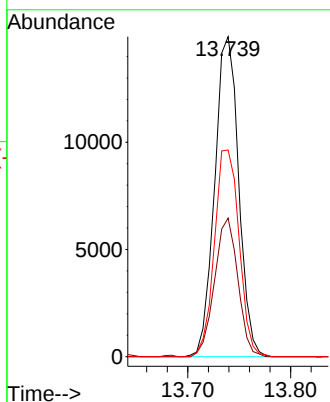
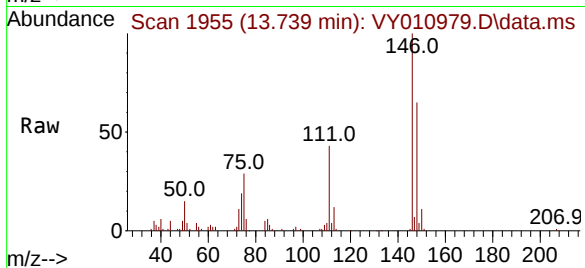
ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion:	146	Resp:	2416
Ion Ratio	Lower	Upper	
146	100		
111	42.2	20.3	60.9
148	66.4	32.3	96.9

Manual Integrations
APPROVED

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.265 ug/l

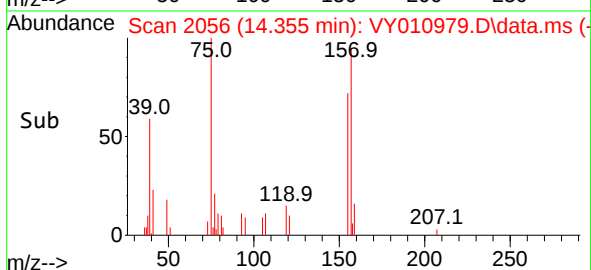
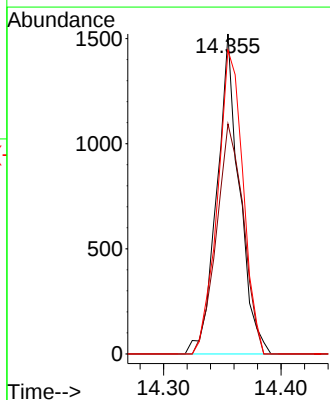
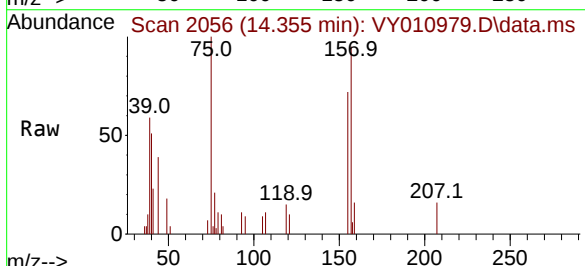
RT: 14.355 min Scan# 2056

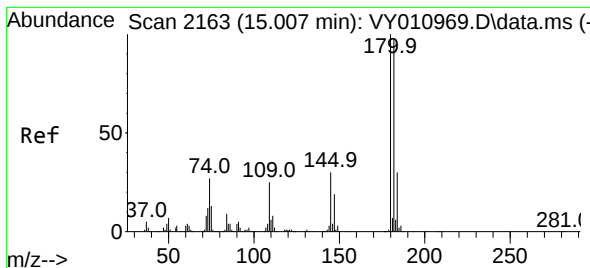
Delta R.T. -0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Tgt Ion:	75	Resp:	2023
Ion Ratio	Lower	Upper	
75	100		
155	85.9	38.0	113.9
157	107.6	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 4.978 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010979.D

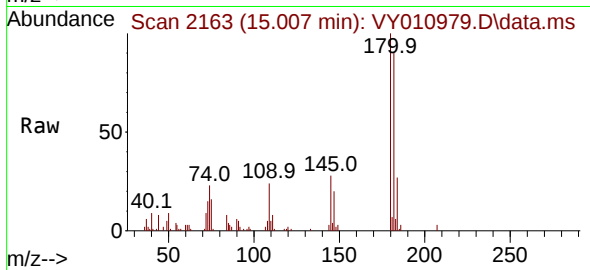
Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022



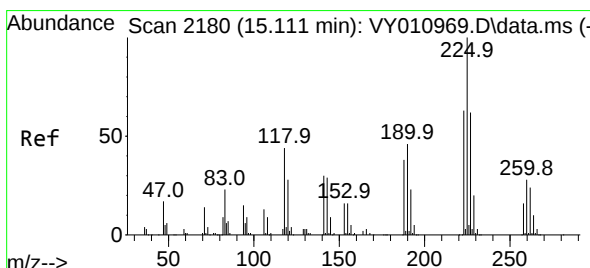
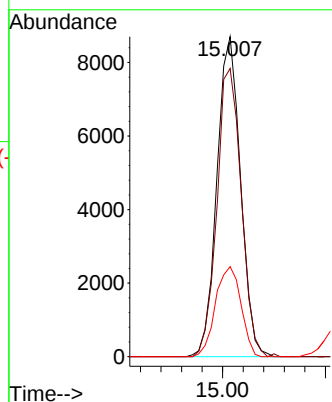
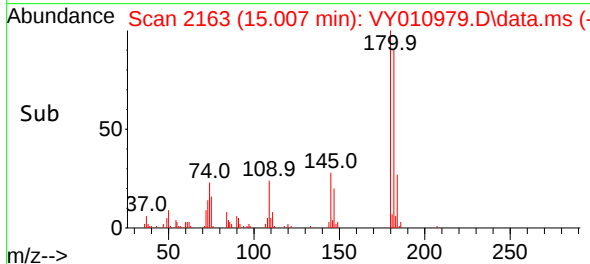
Tgt Ion:180	Resp:	13880
Ion Ratio	Lower	Upper
180	100	
182	92.6	47.3 141.9
145	30.3	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#94

Hexachlorobutadiene

Concen: 4.119 ug/l

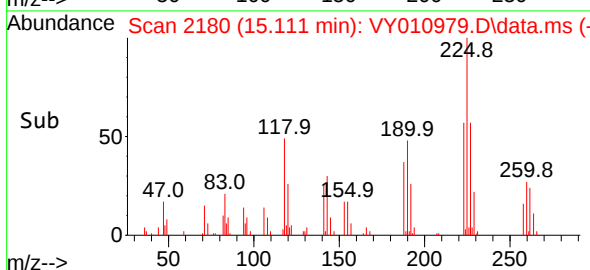
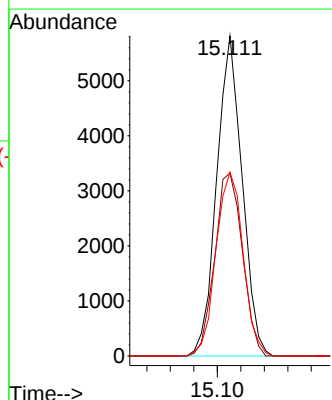
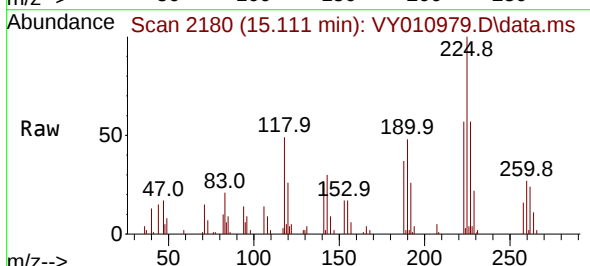
RT: 15.111 min Scan# 2180

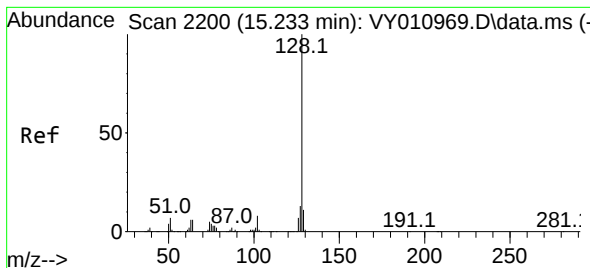
Delta R.T. -0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Tgt Ion:225	Resp:	8754
Ion Ratio	Lower	Upper
225	100	
223	62.0	30.8 92.3
227	61.3	31.6 94.7





#95

Naphthalene

Concen: 5.419 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

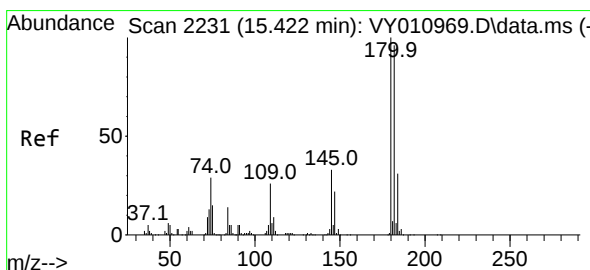
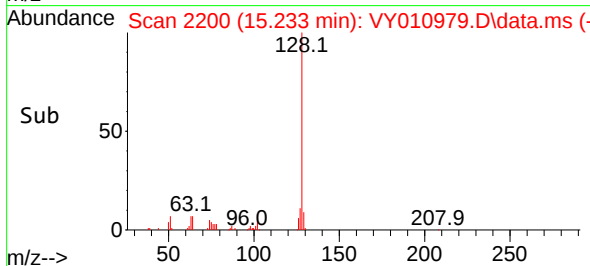
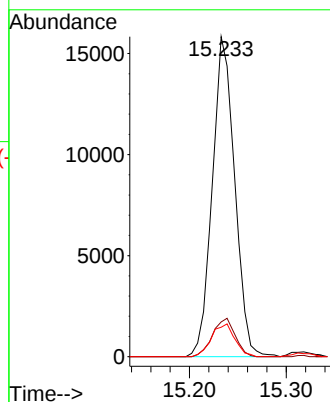
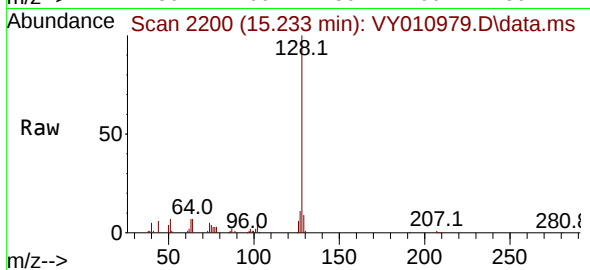
Tgt Ion:128	Resp:	25460
Ion Ratio	Lower	Upper
128	100	
127	12.1	11.0 16.4
129	10.7	8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/18/2022

Supervised By :Mahesh Dadoda 10/19/2022



#96

1,2,3-Trichlorobenzene

Concen: 4.614 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Tgt Ion:180	Resp:	11793
Ion Ratio	Lower	Upper
180	100	
182	97.6	47.3 141.9
145	33.0	15.3 45.9

