

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022023\
 Data File : VW030074.D
 Acq On : 20 Feb 2023 13:27
 Operator : SY/MD
 Sample : 01378-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-01

Quant Time: Feb 20 23:08:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 20 22:59:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	425778	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	409028	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	239092	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	98566	32.560	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.120%		
7) Chloroethane-d5	1.536	69	90301	38.985	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.960%		
11) 1,1-Dichloroethene-d2	2.066	63	149654	25.842	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.680%#		
21) 2-Butanone-d5	3.793	46	176717	93.543	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.540%		
24) Chloroform-d	4.259	84	229420	40.773	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.540%		
26) 1,2-Dichloroethane-d4	4.950	65	141185	42.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.900%		
32) Benzene-d6	4.970	84	435847	40.121	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.240%		
36) 1,2-Dichloropropane-d6	5.998	67	151154	43.758	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.520%		
41) Toluene-d8	7.252	98	405407	39.544	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.080%#		
43) trans-1,3-Dichloroprop...	7.558	79	70357	40.985	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.980%		
47) 2-Hexanone-d5	8.031	63	149987	93.138	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.140%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	237141	45.768	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.540%		
66) 1,2-Dichlorobenzene-d4	11.571	152	190748	44.795	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	12321	2.734	ug/L	98
3) Chloromethane	1.217	50	22776	3.938	ug/L	99
5) Vinyl chloride	1.285	62	11797	2.929	ug/L	86
6) Bromomethane	1.491	94	2577	3.520	ug/L	86
8) Chloroethane	1.552	64	6898	2.936	ug/L	100
9) Trichlorofluoromethane	1.719	101	14642	2.743	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	10356	3.170	ug/L	89
12) 1,1-Dichloroethene	2.076	96	9130	3.106	ug/L #	1
13) Acetone	2.121	43	9336	6.439	ug/L	99
14) Carbon disulfide	2.246	76	22125	2.546	ug/L	97
15) Methyl Acetate	2.384	43	7590	2.517	ug/L	96
16) Methylene chloride	2.455	84	10007	3.110	ug/L	95
17) trans-1,2-Dichloroethene	2.703	96	7838	2.609	ug/L	97
18) Methyl tert-butyl Ether	2.712	73	24887	2.603	ug/L	98
19) 1,1-Dichloroethane	3.121	63	15110	2.729	ug/L	99
20) cis-1,2-Dichloroethene	3.831	96	8791	2.646	ug/L	100
22) 2-Butanone	3.896	43	11234m	5.522	ug/L	
23) Bromochloromethane	4.166	128	4640	2.619	ug/L	91
25) Chloroform	4.288	83	16364	2.899	ug/L	93

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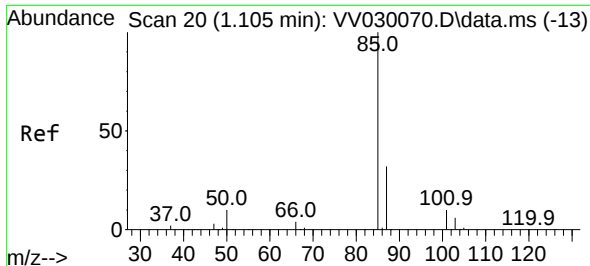
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.056	62	11100	2.633	ug/L	97
29) Cyclohexane	4.597	56	12261	2.572	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	13415	2.640	ug/L	98
31) Carbon tetrachloride	4.744	117	11237	2.519	ug/L	97
33) Benzene	5.024	78	31484	2.609	ug/L	100
34) Trichloroethene	5.844	95	8800	2.679	ug/L	97
35) Methylcyclohexane	6.060	83	14787	2.836	ug/L	93
37) 1,2-Dichloropropane	6.108	63	9169	2.885	ug/L	98
38) Bromodichloromethane	6.445	83	11426	2.677	ug/L	97
39) cis-1,3-Dichloropropene	6.966	75	13960	2.613	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	19018	4.813	ug/L	98
42) Toluene	7.326	91	35823	2.713	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	12791m	2.633	ug/L	
45) 1,1,2-Trichloroethane	7.780	97	8892	2.696	ug/L	98
46) Tetrachloroethene	7.915	164	7406	2.682	ug/L	93
48) 2-Hexanone	8.088	43	18182m	5.971	ug/L	
49) Dibromochloromethane	8.188	129	8627	2.523	ug/L	97
50) 1,2-Dibromoethane	8.294	107	9448	2.611	ug/L	93
51) Chlorobenzene	8.825	112	23741	2.698	ug/L	97
52) Ethylbenzene	8.957	91	37862	2.590	ug/L	97
53) m,p-Xylene	9.082	106	13263	2.374	ug/L	98
54) o-Xylene	9.487	106	12739	2.366	ug/L	99
55) Styrene	9.506	104	22036	2.396	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.188	83	14858	2.756	ug/L	99
59) Bromoform	9.677	173	6630	2.800	ug/L	96
60) Isopropylbenzene	9.876	105	36270	2.551	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	10679	2.700	ug/L	98
62) 1,3,5-Trimethylbenzene	10.487	105	28284	2.402	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	27694	2.393	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	19040	2.657	ug/L	95
65) 1,4-Dichlorobenzene	11.220	146	19982	2.726	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	19783	2.773	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	2958	2.563	ug/L	95
69) 1,3,5-Trichlorobenzene	12.593	180	15245	2.666	ug/L	99
70) 1,2,4-trichlorobenzene	13.210	180	13907	2.588	ug/L	99
71) Naphthalene	13.448	128	35818	2.298	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	13498	2.559	ug/L	98

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



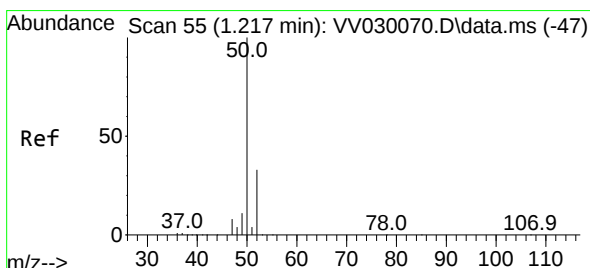
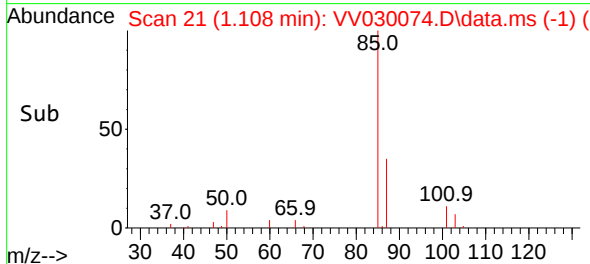
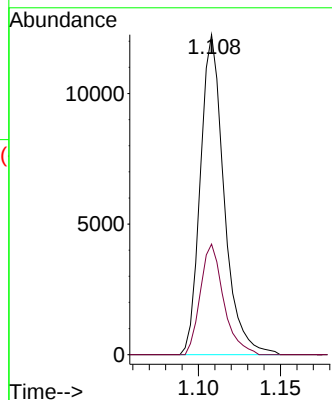
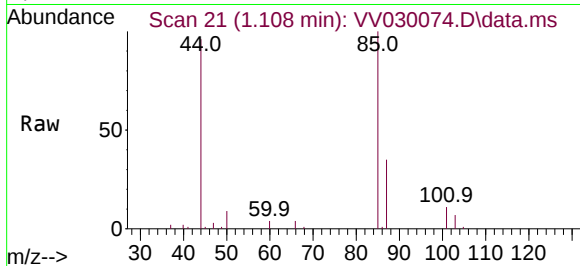
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Dichlorodifluoromethane
Concen: 2.734 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion: 85 Resp: 1232
Ion Ratio Lower Upper
85 100
87 33.9 26.0 39.0

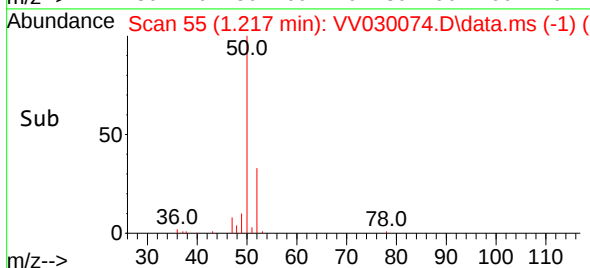
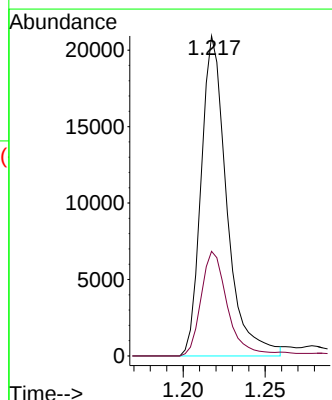
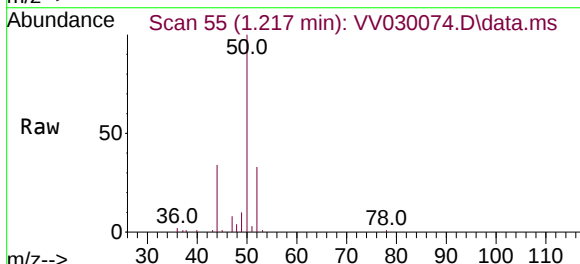
Manual Integrations
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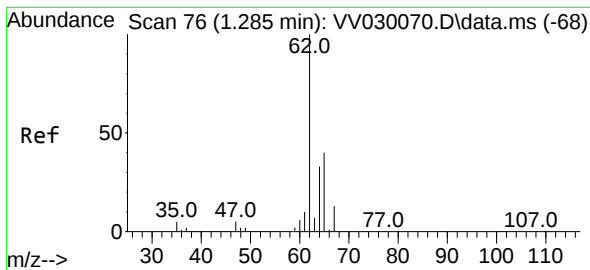
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#3
Chloromethane
Concen: 3.938 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

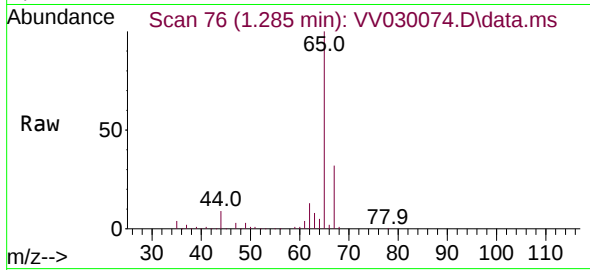
Tgt Ion: 50 Resp: 22776
Ion Ratio Lower Upper
50 100
52 32.7 23.4 43.4





#5
 Vinyl chloride
 Concen: 2.929 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV030074.D
 Acq: 20 Feb 2023 13:27

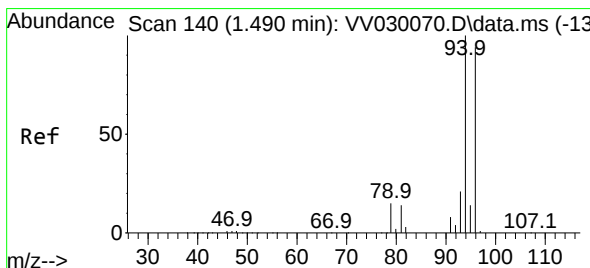
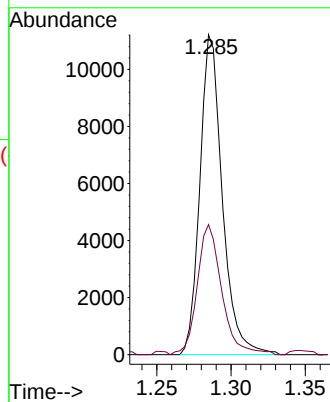
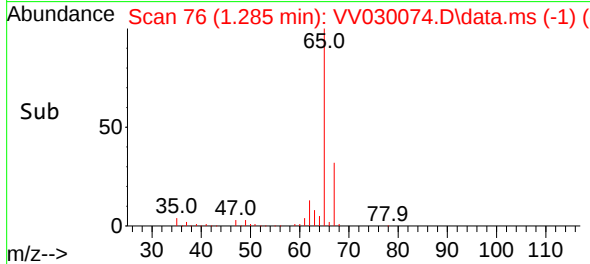
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 62 Resp: 1179
 Ion Ratio Lower Upper
 62 100
 64 40.7 22.9 42.5

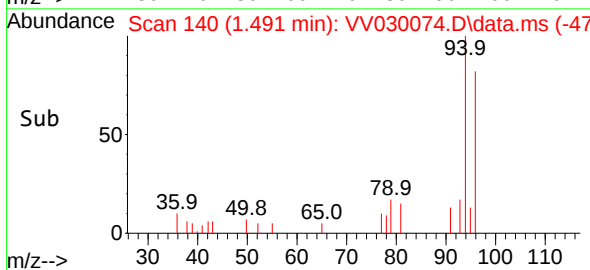
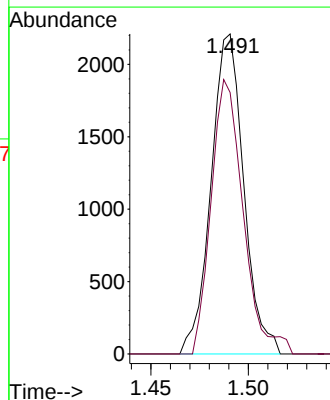
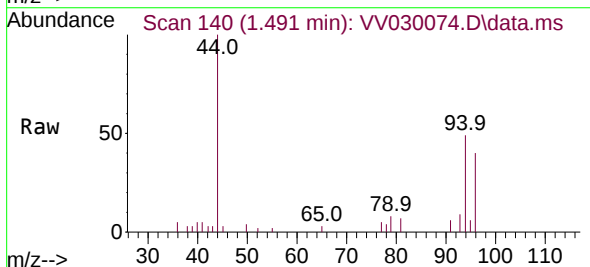
Manual Integrations
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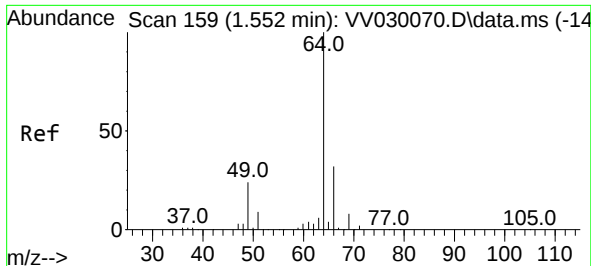
Reviewed By :Krupa Patel 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023



#6
 Bromomethane
 Concen: 3.520 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV030074.D
 Acq: 20 Feb 2023 13:27

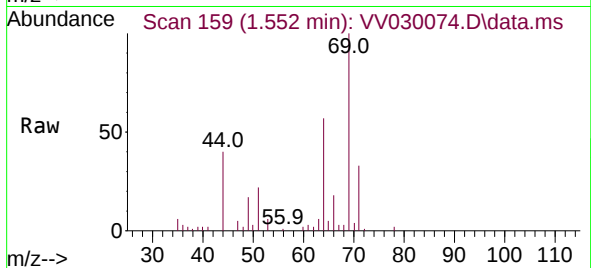
Tgt Ion: 94 Resp: 2577
 Ion Ratio Lower Upper
 94 100
 96 81.7 66.7 123.9





#8
Chloroethane
Concen: 2.936 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

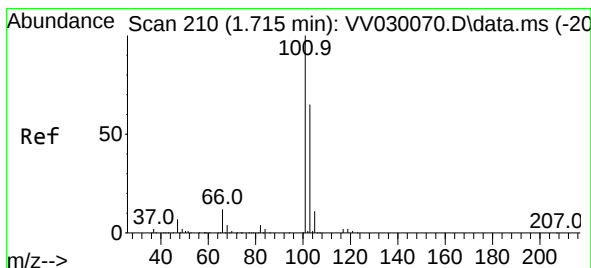
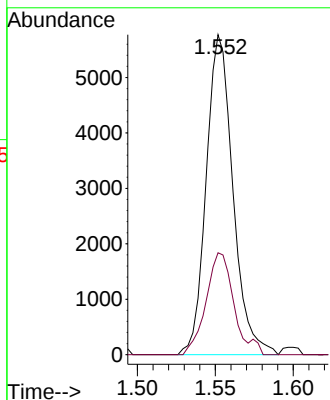
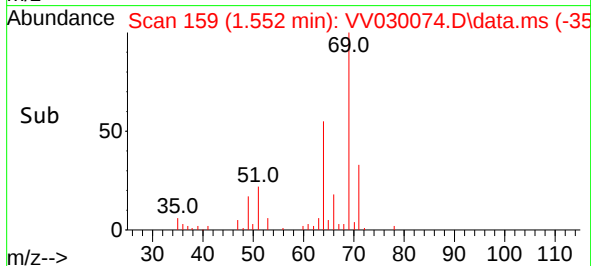
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



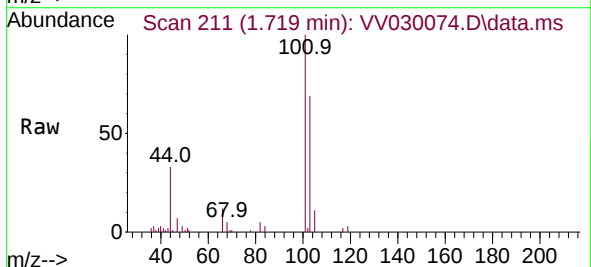
Tgt Ion: 64 Resp: 6898
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.3

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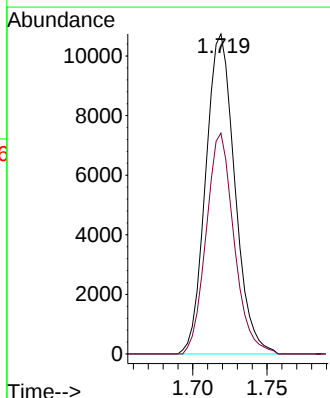
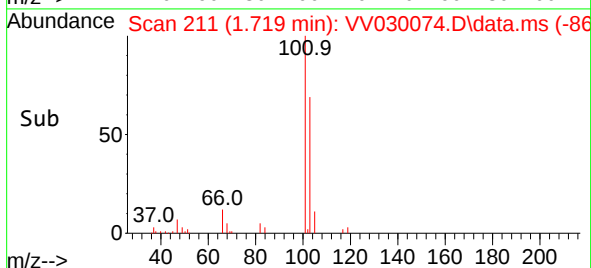
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

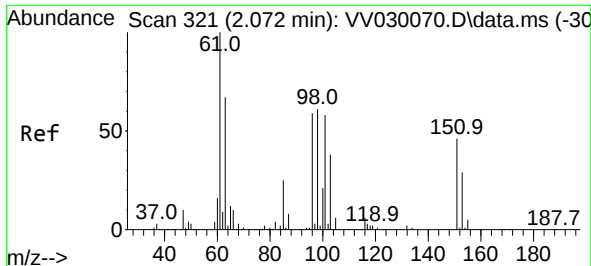


#9
Trichlorofluoromethane
Concen: 2.743 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27



Tgt Ion:101 Resp: 14642
Ion Ratio Lower Upper
101 100
103 66.1 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.170 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030074.D

Acq: 20 Feb 2023 13:27

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

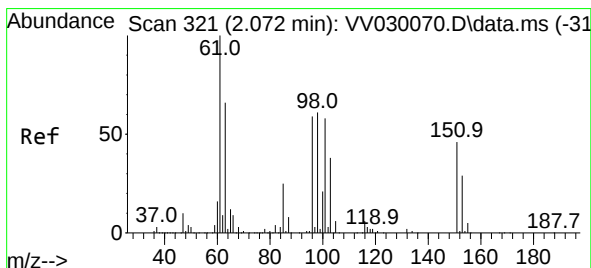
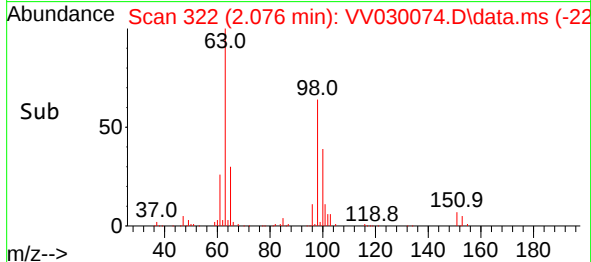
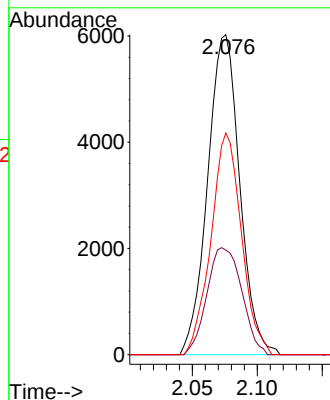
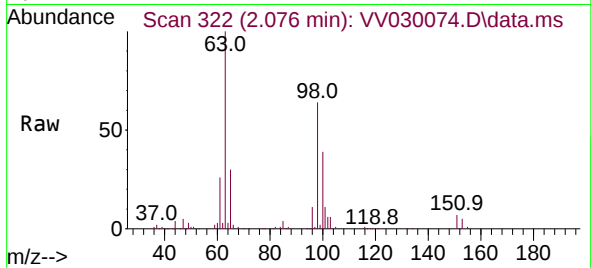
Tgt Ion:101	Resp:	10350
Ion Ratio	Lower	Upper
101	100	
85	36.3	33.4 50.2
151	65.8	60.8 91.2

Manual Integrations

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Reviewed By :Krupa Patel 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#12

1,1-Dichloroethene

Concen: 3.106 ug/L

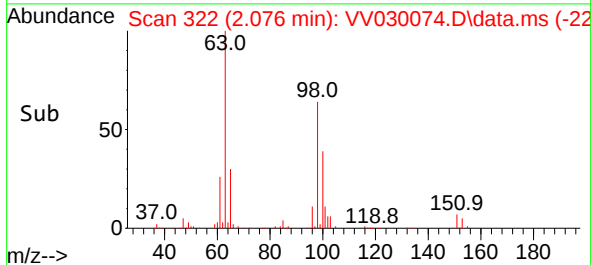
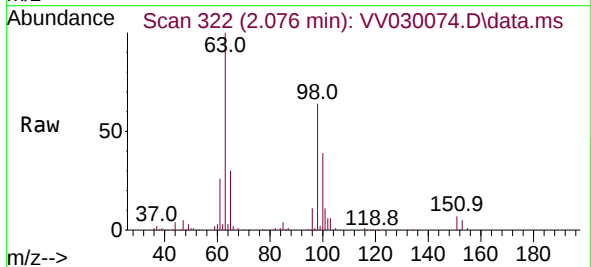
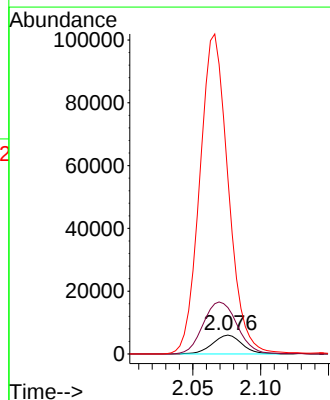
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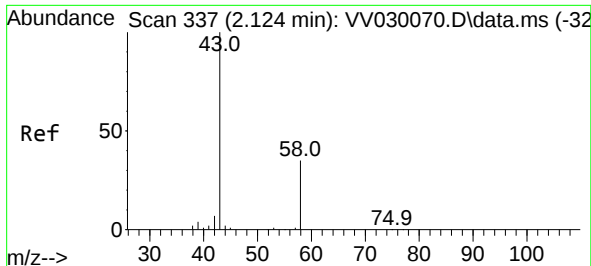
Delta R.T. 0.003 min

Lab File: VV030074.D

Acq: 20 Feb 2023 13:27

Tgt Ion: 96	Resp:	9130
Ion Ratio	Lower	Upper
96	100	
61	246.6	115.8 215.2#
63	934.9	83.4 154.8#





#13

Acetone

Concen: 6.439 ug/L

RT: 2.121 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV030074.D

Acq: 20 Feb 2023 13:27

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

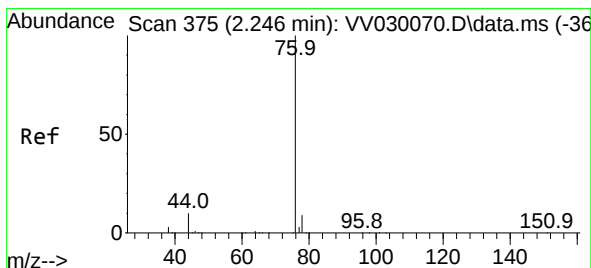
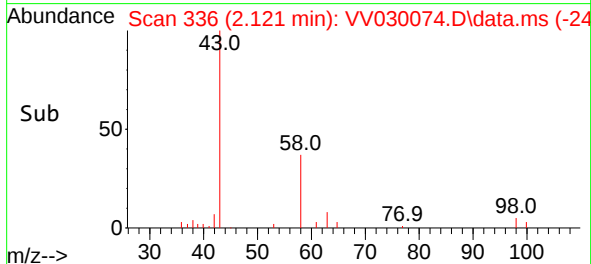
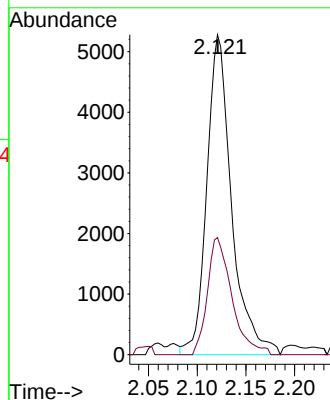
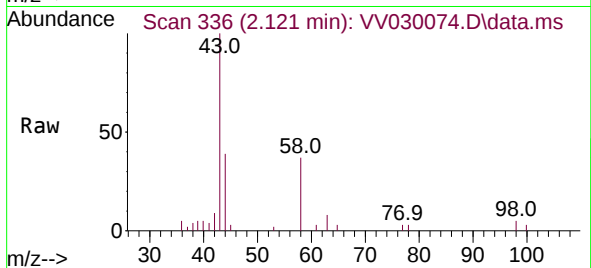
Tgt Ion: 43 Resp: 9330
 Ion Ratio Lower Upper
 43 100
 58 35.6 0.0 70.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#14

Carbon disulfide

Concen: 2.546 ug/L

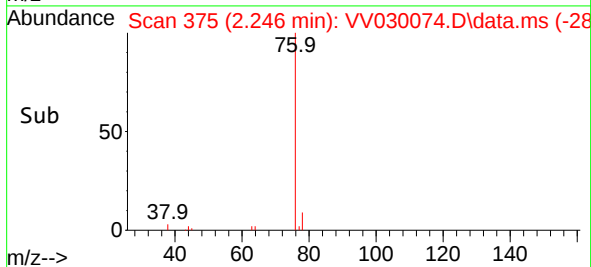
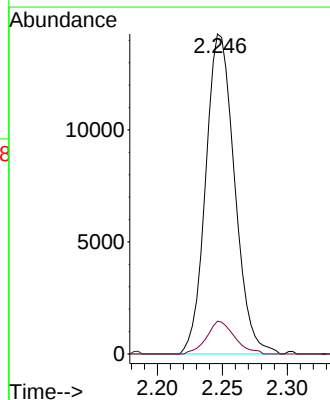
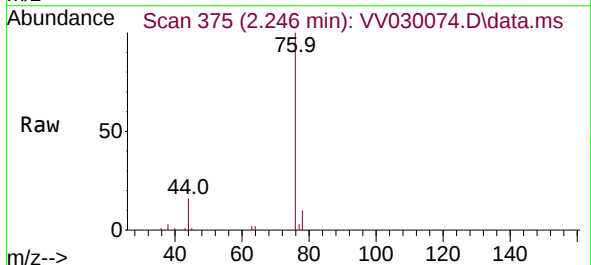
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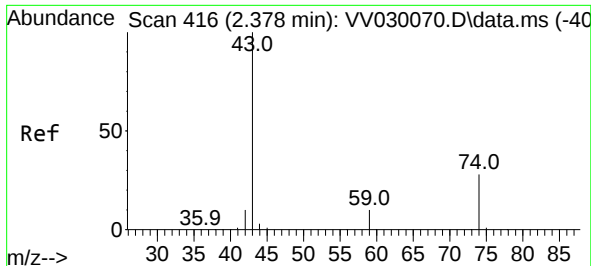
Delta R.T. 0.000 min

Lab File: VV030074.D

Acq: 20 Feb 2023 13:27

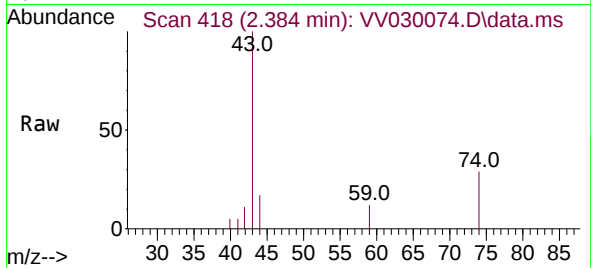
Tgt Ion: 76 Resp: 22125
 Ion Ratio Lower Upper
 76 100
 78 10.2 7.4 11.2





#15
Methyl Acetate
Concen: 2.517 ug/L
RT: 2.384 min Scan# 416
Delta R.T. 0.007 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

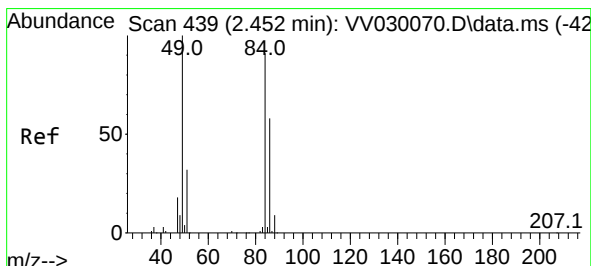
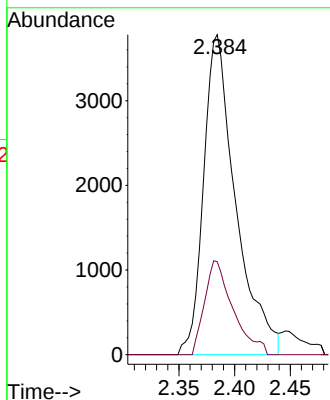
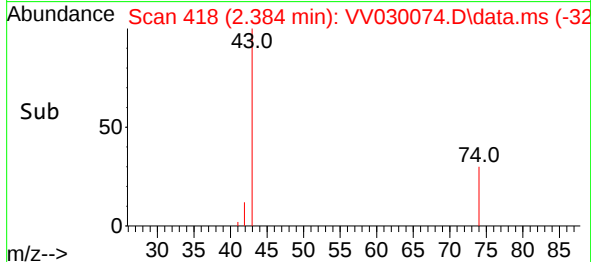
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 43 Resp: 7590
Ion Ratio Lower Upper
43 100
74 25.2 21.9 32.9

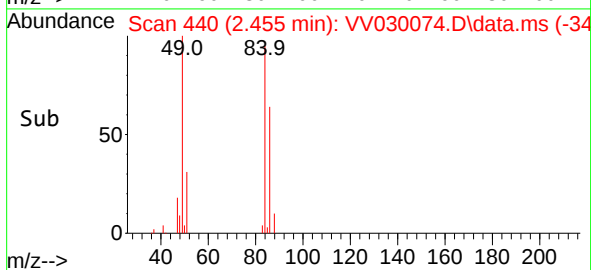
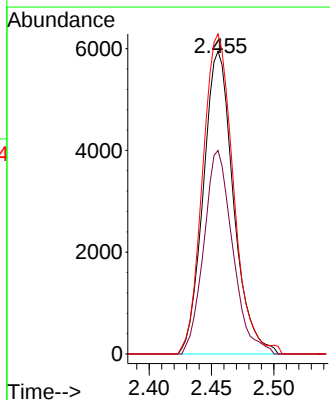
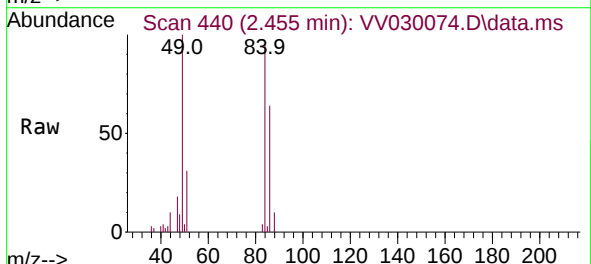
Manual Integrations
APPROVED

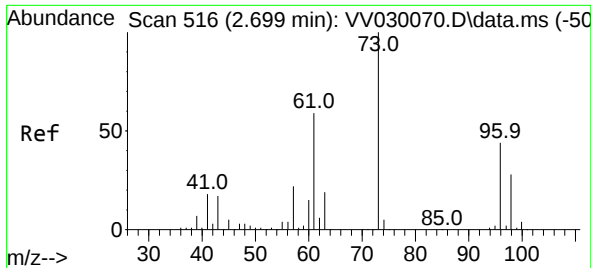
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#16
Methylene chloride
Concen: 3.110 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

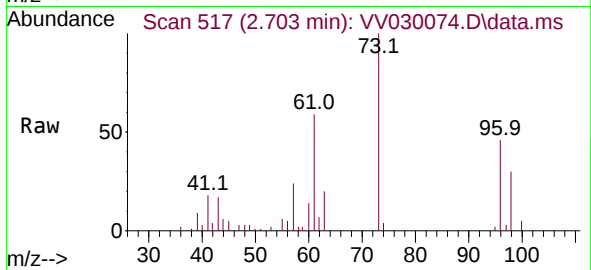
Tgt Ion: 84 Resp: 10007
Ion Ratio Lower Upper
84 100
86 67.2 45.1 83.7
49 105.7 78.7 146.1





#17
trans-1,2-Dichloroethene
Concen: 2.609 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

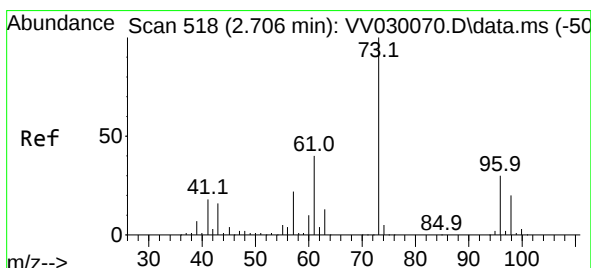
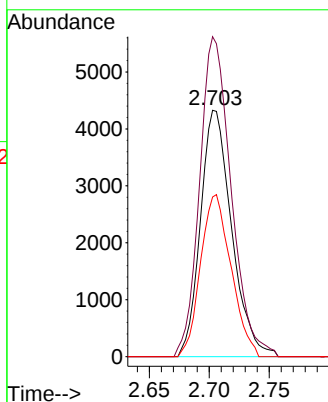
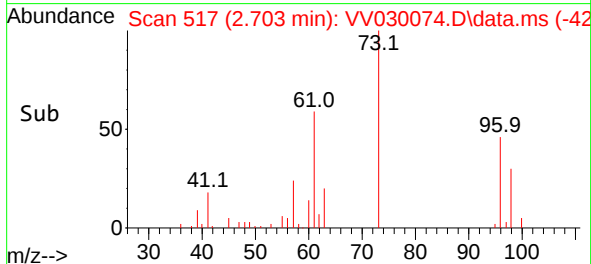
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



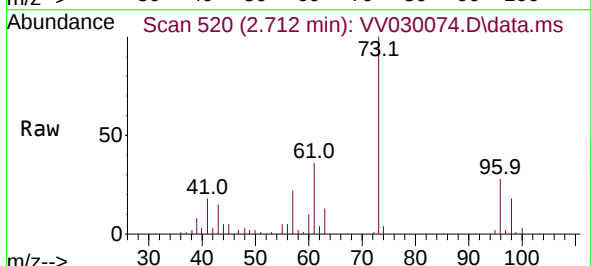
Tgt Ion: 96 Resp: 7838
Ion Ratio Lower Upper
96 100
61 129.9 93.3 173.3
98 64.8 44.1 81.9

Manual Integrations
APPROVED

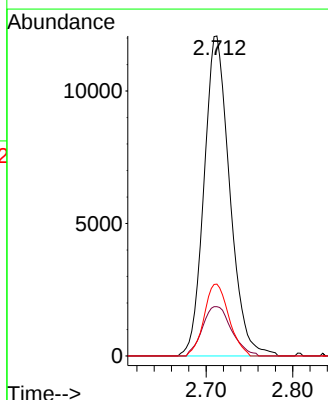
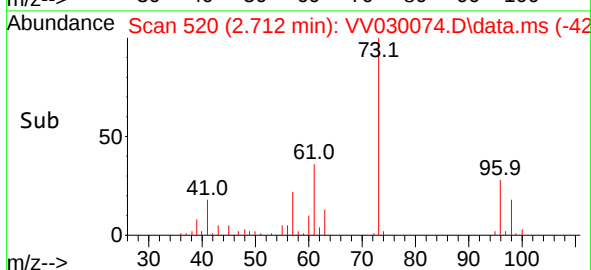
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

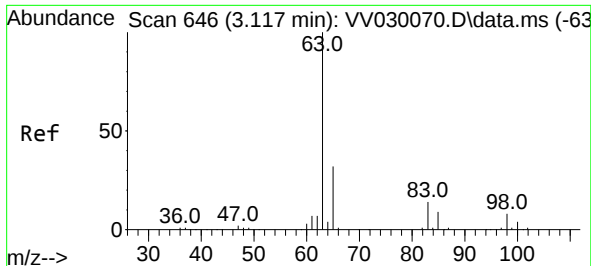


#18
Methyl tert-butyl Ether
Concen: 2.603 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.007 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27



Tgt Ion: 73 Resp: 24887
Ion Ratio Lower Upper
73 100
43 17.5 12.7 19.1
57 21.6 17.0 25.4





#19

1,1-Dichloroethane

Concen: 2.729 ug/L

RT: 3.121 min Scan# 646

Delta R.T. 0.003 min

Lab File: VV030074.D

Acq: 20 Feb 2023 13:27

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

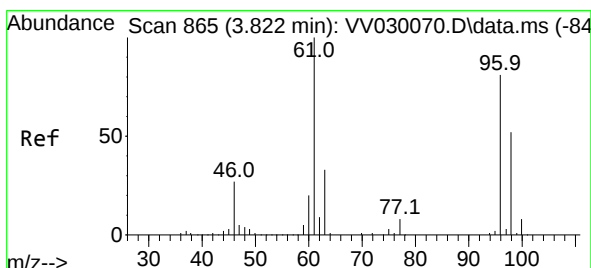
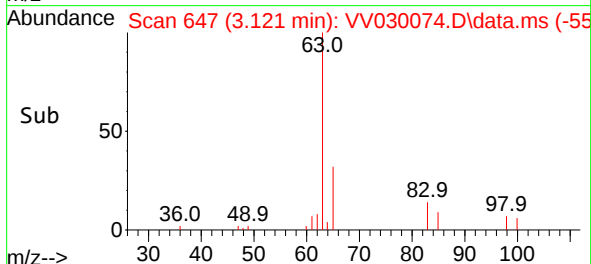
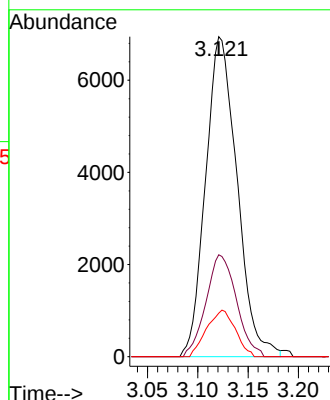
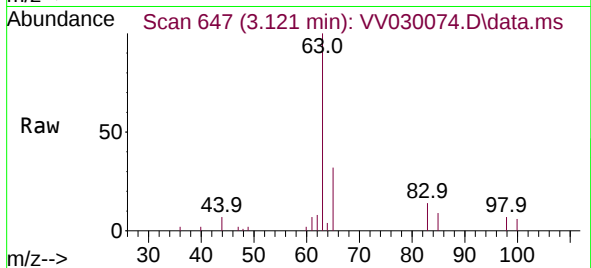
Tgt Ion: 63	Resp: 15110
Ion Ratio	Lower Upper
63 100	
65 31.9	22.0 41.0
83 13.6	9.6 17.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#20

cis-1,2-Dichloroethene

Concen: 2.646 ug/L

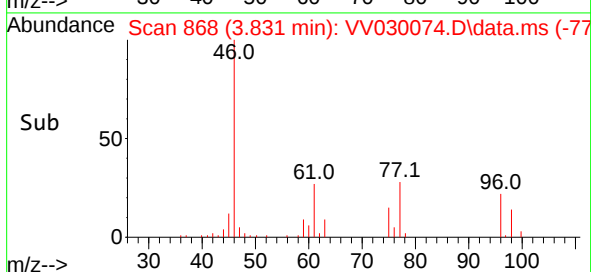
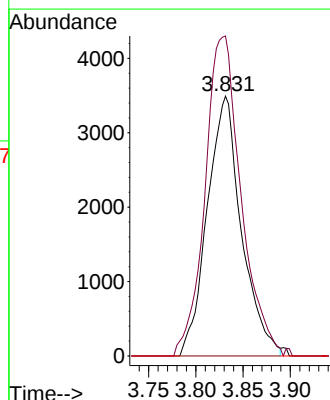
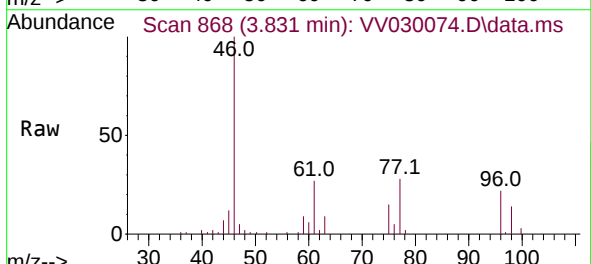
RT: 3.831 min Scan# 868

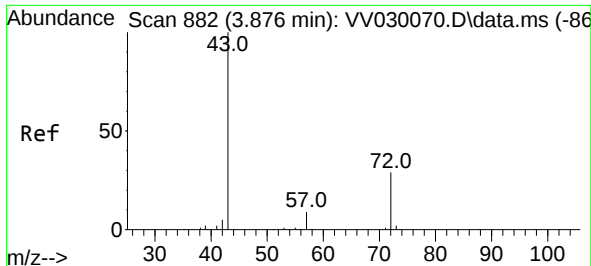
Delta R.T. 0.010 min

Lab File: VV030074.D

Acq: 20 Feb 2023 13:27

Tgt Ion: 96	Resp: 8791
Ion Ratio	Lower Upper
96 100	
61 123.2	86.0 159.6
68 0.0	0.0 0.0





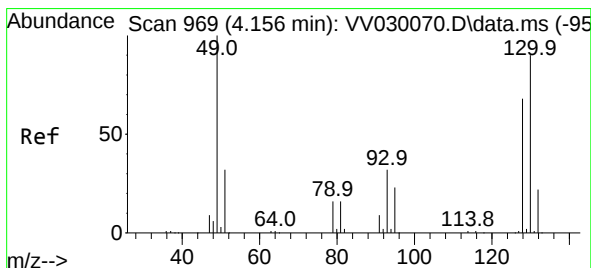
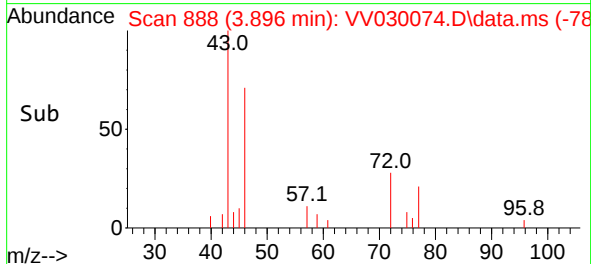
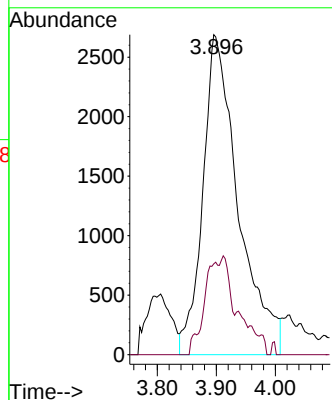
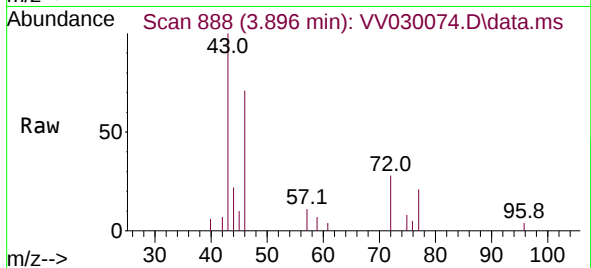
#22
2-Butanone
Concen: 5.522 ug/L m
RT: 3.896 min Scan# 882
Delta R.T. 0.019 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion: 43 Resp: 11234
Ion Ratio Lower Upper
43 100
72 1.1 14.7 44.1

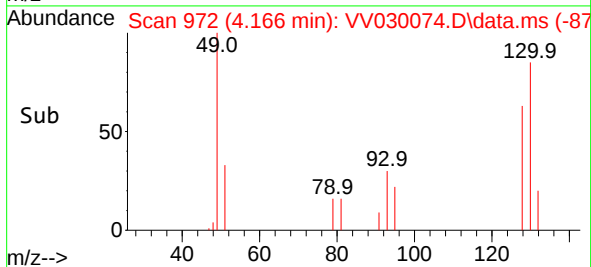
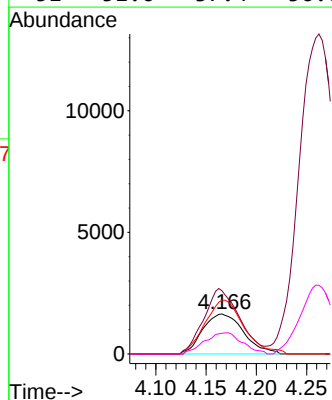
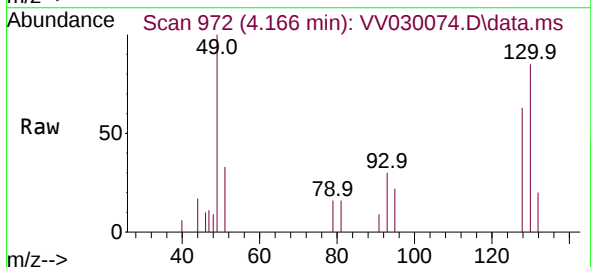
Manual Integrations
APPROVED

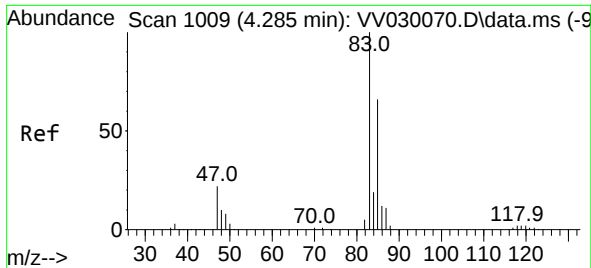
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#23
Bromochloromethane
Concen: 2.619 ug/L
RT: 4.166 min Scan# 972
Delta R.T. 0.010 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

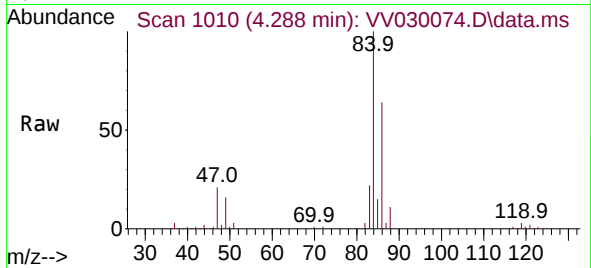
Tgt Ion:128 Resp: 4640
Ion Ratio Lower Upper
128 100
49 158.2 101.0 187.6
130 134.7 88.2 163.8
51 51.6 37.4 56.0





#25
Chloroform
Concen: 2.899 ug/L
RT: 4.288 min Scan# 1009
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

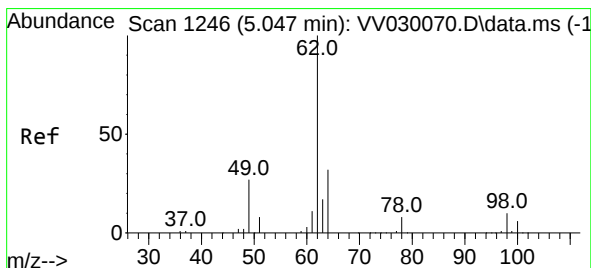
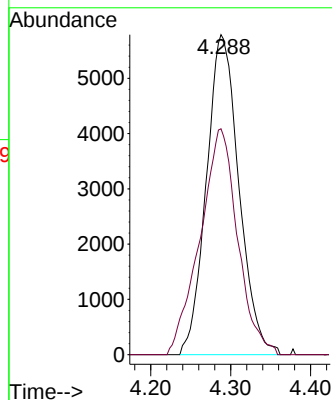
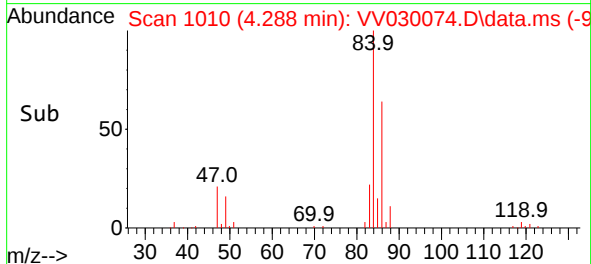
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 83 Resp: 16364
Ion Ratio Lower Upper
83 100
85 70.6 45.4 84.4

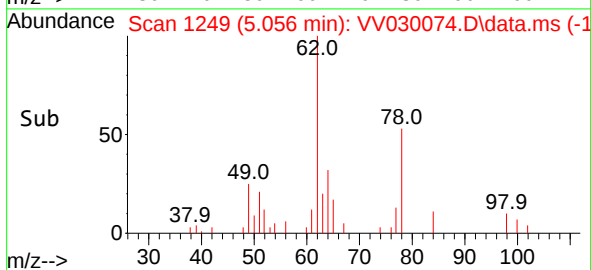
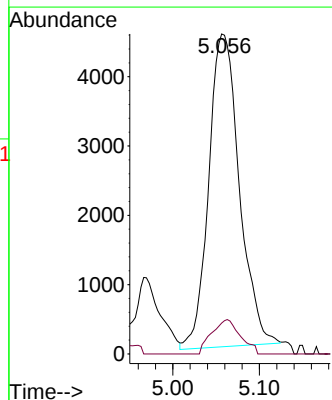
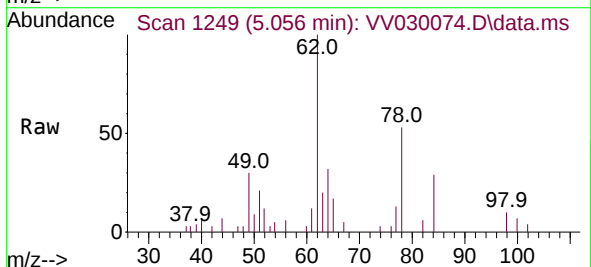
Manual Integrations
APPROVED

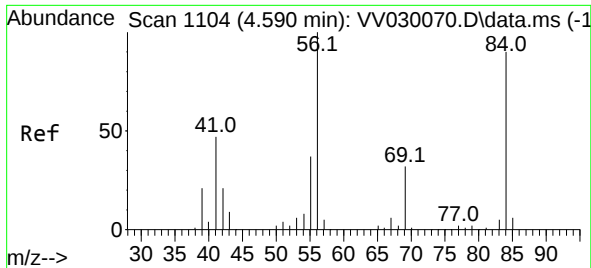
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#27
1,2-Dichloroethane
Concen: 2.633 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.010 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

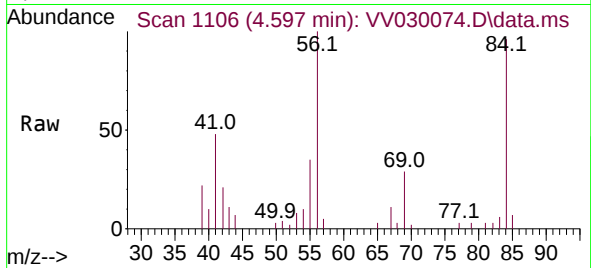
Tgt Ion: 62 Resp: 11100
Ion Ratio Lower Upper
62 100
98 9.6 8.5 12.7





#29
Cyclohexane
Concen: 2.572 ug/L
RT: 4.597 min Scan# 1106
Delta R.T. 0.007 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

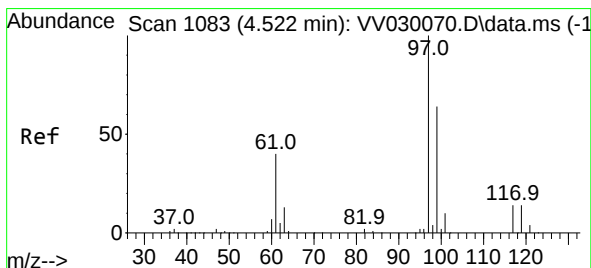
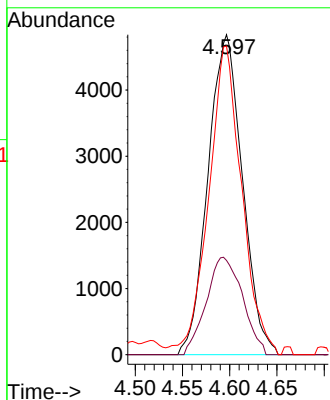
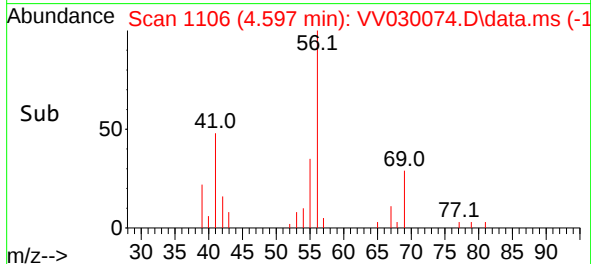
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 56 Resp: 1226
Ion Ratio Lower Upper
56 100
69 32.0 25.3 37.9
84 92.2 73.0 109.4

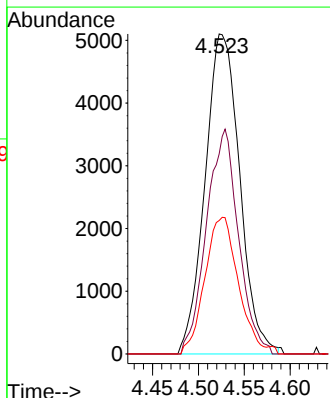
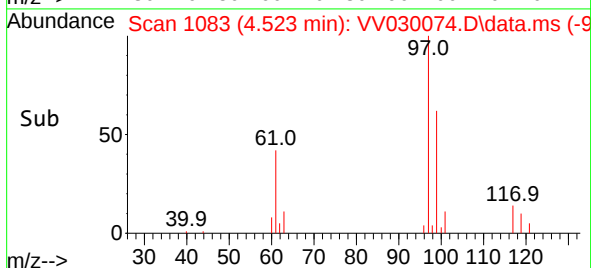
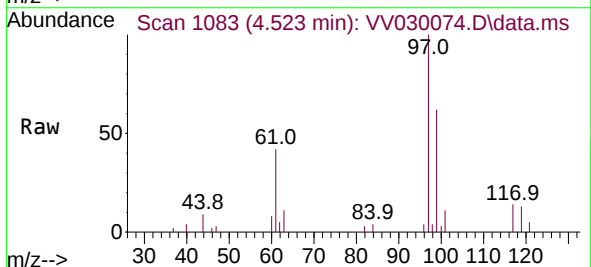
Manual Integrations
APPROVED

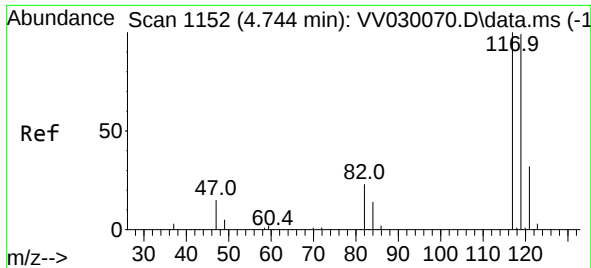
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#30
1,1,1-Trichloroethane
Concen: 2.640 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

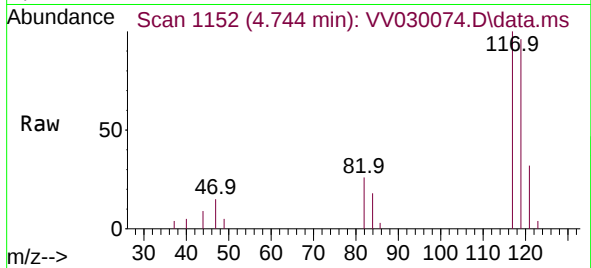
Tgt Ion: 97 Resp: 13415
Ion Ratio Lower Upper
97 100
99 64.9 50.7 76.1
61 41.0 31.6 47.4





#31
Carbon tetrachloride
Concen: 2.519 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

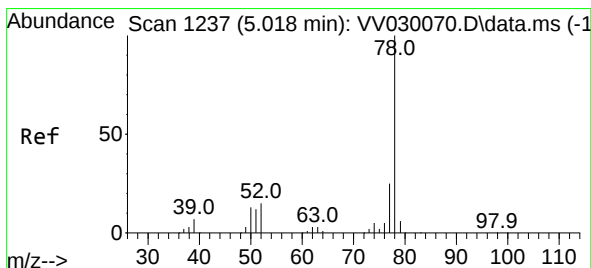
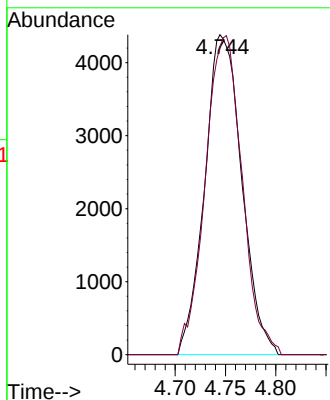
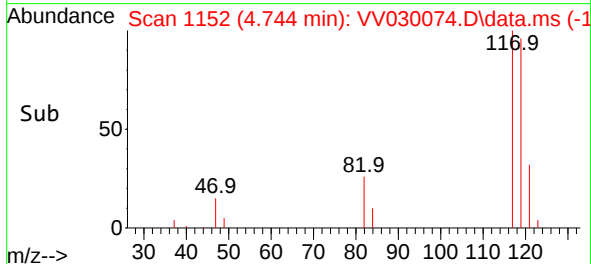
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 117 Resp: 1123
Ion Ratio Lower Upper
117 100
119 98.8 76.8 115.2

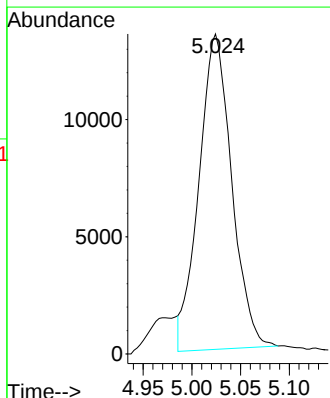
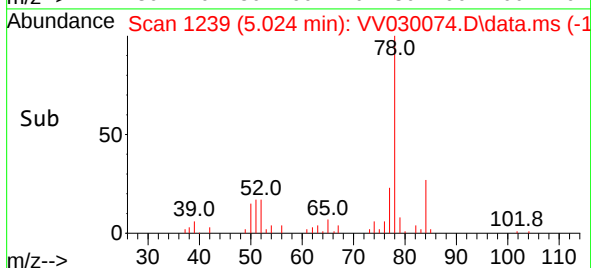
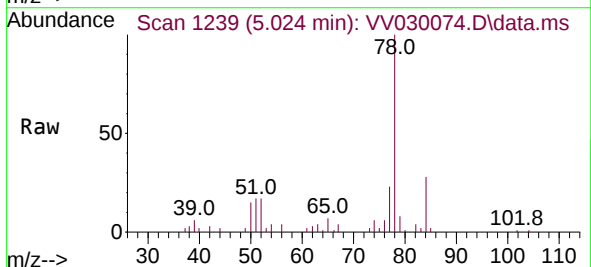
Manual Integrations
APPROVED

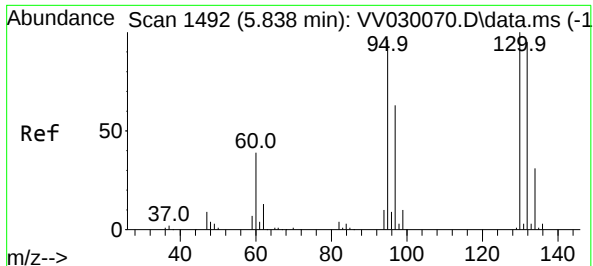
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#33
Benzene
Concen: 2.609 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. 0.007 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

Tgt Ion: 78 Resp: 31484





#34

Trichloroethene

Concen: 2.679 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.007 min

Lab File: VV030074.D

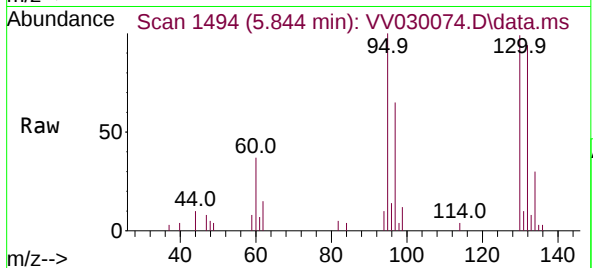
Acq: 20 Feb 2023 13:27

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 95 Resp: 8800

Ion Ratio Lower Upper

95 100

97 64.9 44.1 81.9

132 93.9 68.3 126.9

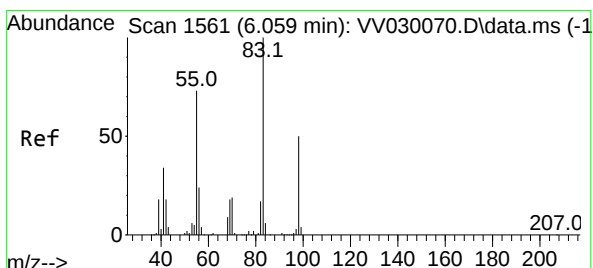
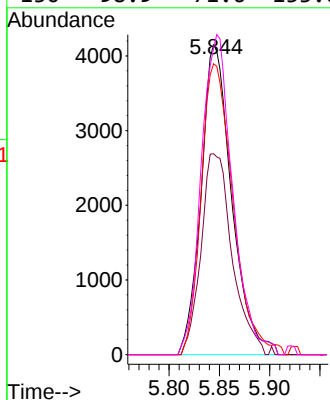
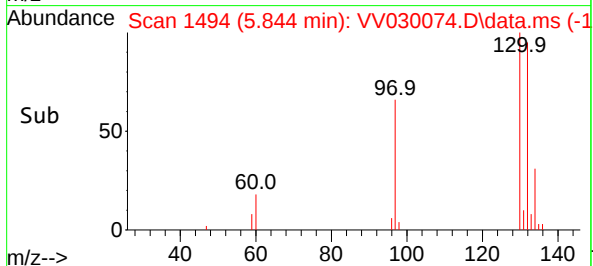
130 98.9 71.6 133.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#35

Methylcyclohexane

Concen: 2.836 ug/L

RT: 6.060 min Scan# 1561

Delta R.T. 0.000 min

Lab File: VV030074.D

Acq: 20 Feb 2023 13:27

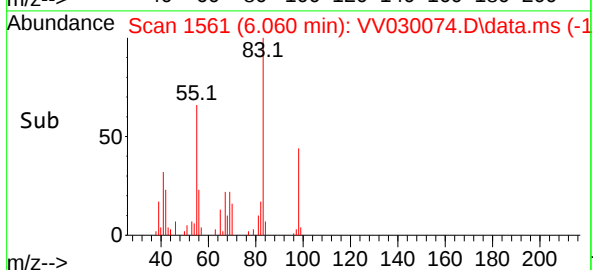
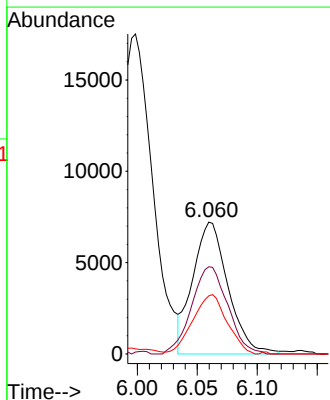
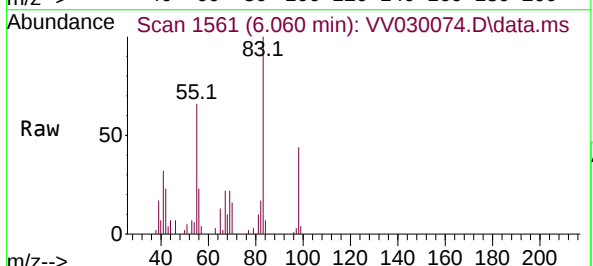
Tgt Ion: 83 Resp: 14787

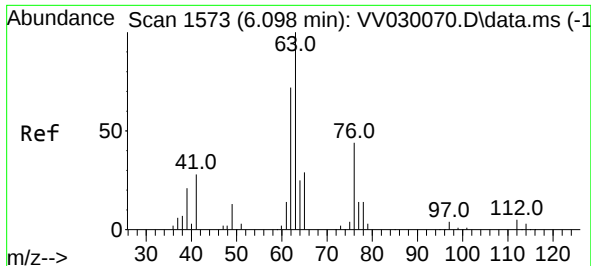
Ion Ratio Lower Upper

83 100

55 67.6 58.4 87.6

98 43.7 39.8 59.8





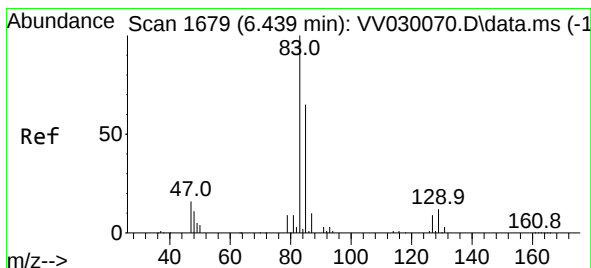
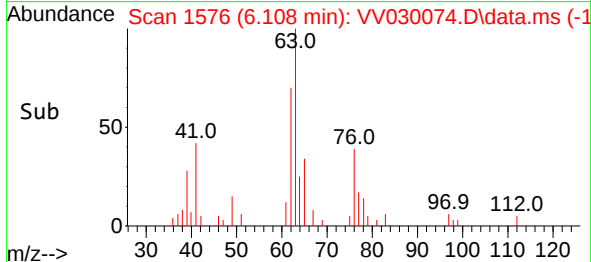
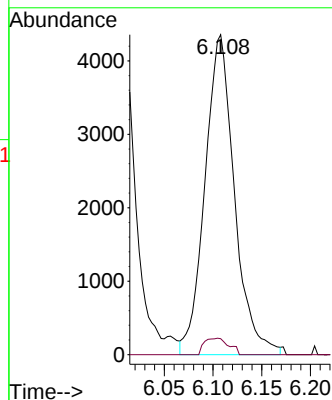
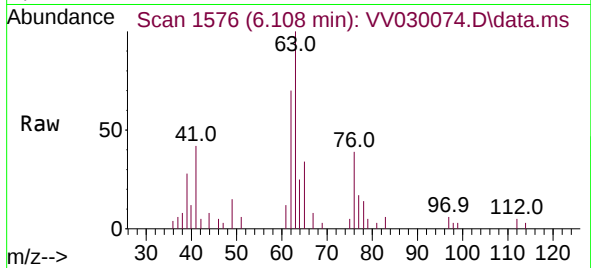
#37
1,2-Dichloropropane
Concen: 2.885 ug/L
RT: 6.108 min Scan# 1169
Delta R.T. 0.010 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion: 63 Resp: 9169
Ion Ratio Lower Upper
63 100
112 3.8 3.7 5.5

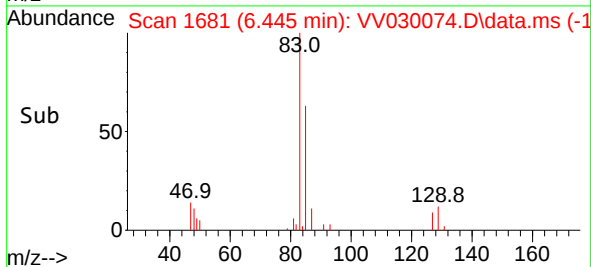
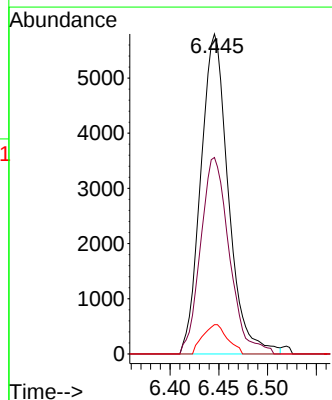
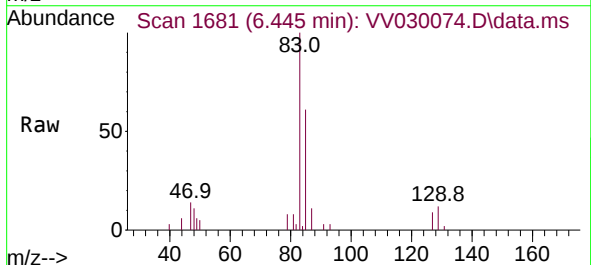
Manual Integrations
APPROVED

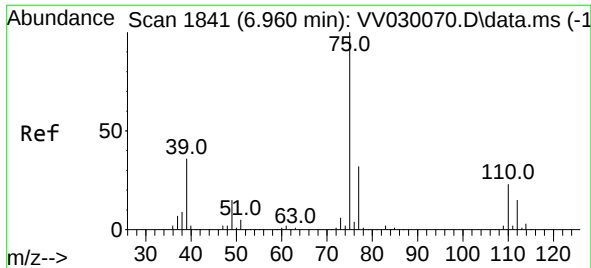
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#38
Bromodichloromethane
Concen: 2.677 ug/L
RT: 6.445 min Scan# 1681
Delta R.T. 0.007 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

Tgt Ion: 83 Resp: 11426
Ion Ratio Lower Upper
83 100
85 61.4 44.9 83.5
127 9.2 6.8 10.2





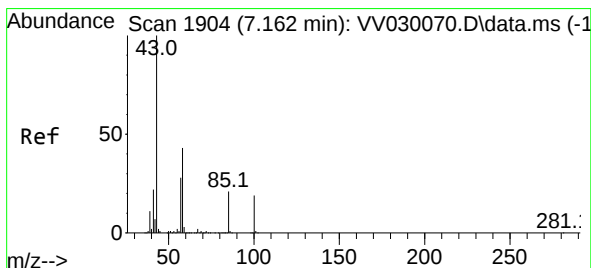
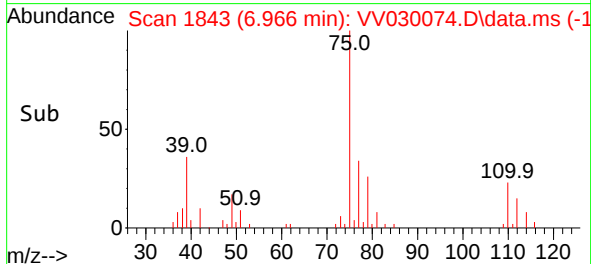
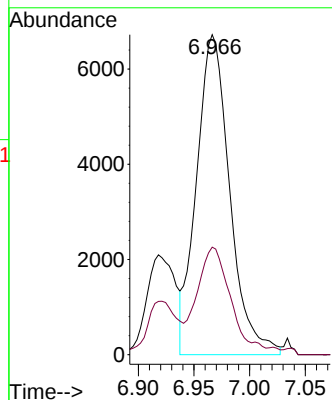
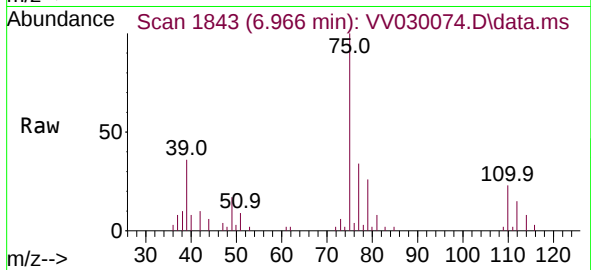
#39
 cis-1,3-Dichloropropene
 Concen: 2.613 ug/L
 RT: 6.966 min Scan# 1843
 Delta R.T. 0.007 min
 Lab File: VV030074.D
 Acq: 20 Feb 2023 13:27

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT1-2023-01

Tgt Ion: 75 Resp: 13960
 Ion Ratio Lower Upper
 75 100
 77 33.6 22.4 41.6

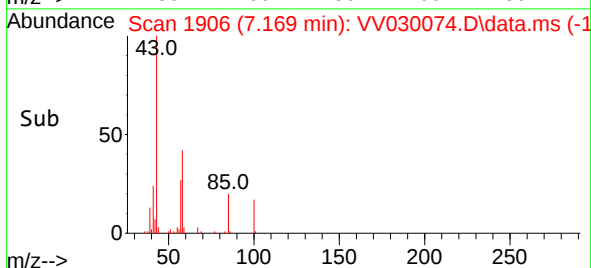
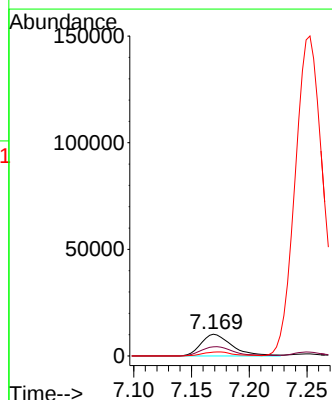
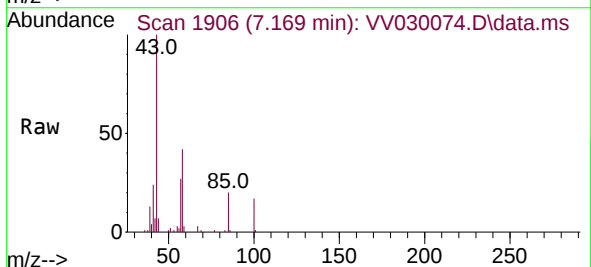
Manual Integrations
 APPROVED

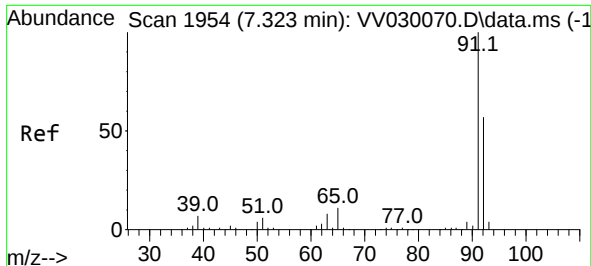
Reviewed By :Krupa Patel 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023



#40
 4-Methyl-2-pentanone
 Concen: 4.813 ug/L
 RT: 7.169 min Scan# 1906
 Delta R.T. 0.007 min
 Lab File: VV030074.D
 Acq: 20 Feb 2023 13:27

Tgt Ion: 43 Resp: 19018
 Ion Ratio Lower Upper
 43 100
 58 45.0 34.8 52.2
 100 18.4 14.6 22.0





#42

Toluene

Concen: 2.713 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030074.D

Acq: 20 Feb 2023 13:27

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

Tgt Ion: 91 Resp: 3582

Ion Ratio Lower Upper

91 100

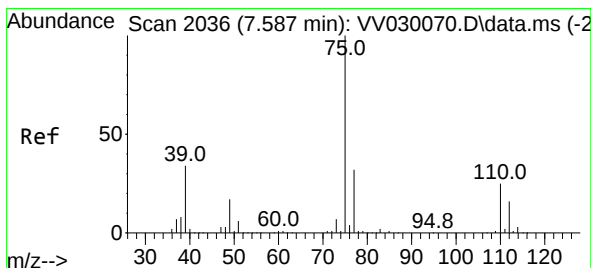
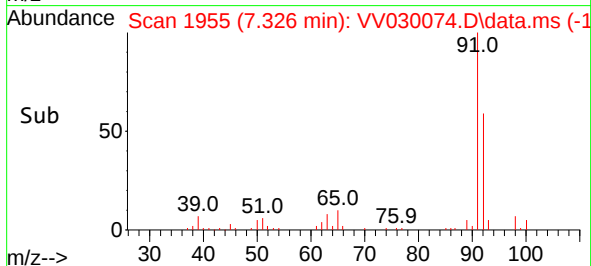
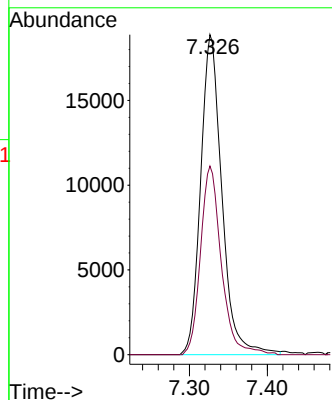
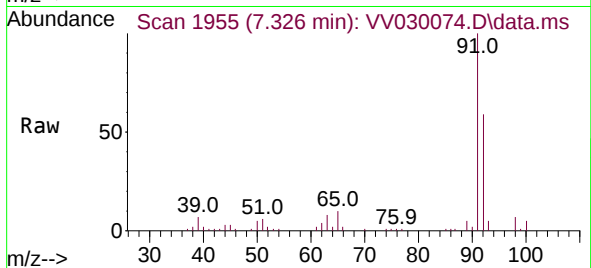
92 59.0 40.3 74.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#44

trans-1,3-Dichloropropene

Concen: 2.633 ug/L m

RT: 7.593 min Scan# 2038

Delta R.T. 0.007 min

Lab File: VV030074.D

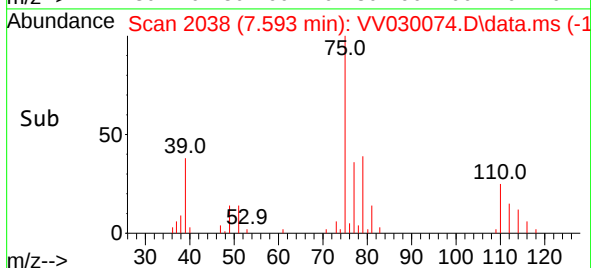
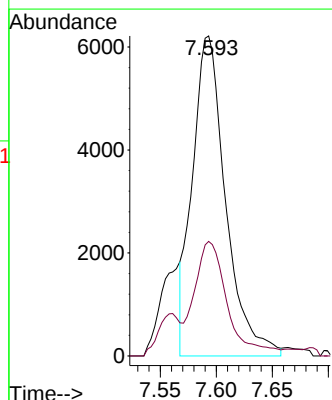
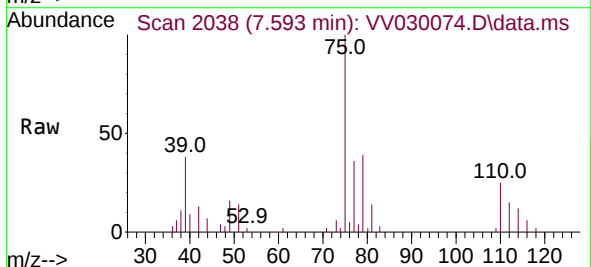
Acq: 20 Feb 2023 13:27

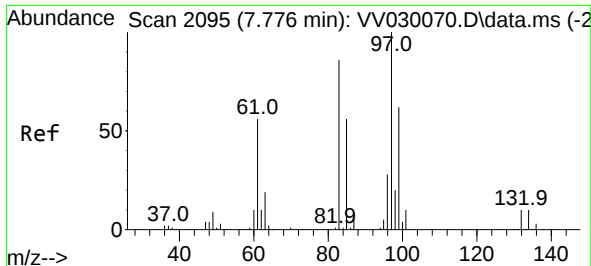
Tgt Ion: 75 Resp: 12791

Ion Ratio Lower Upper

75 100

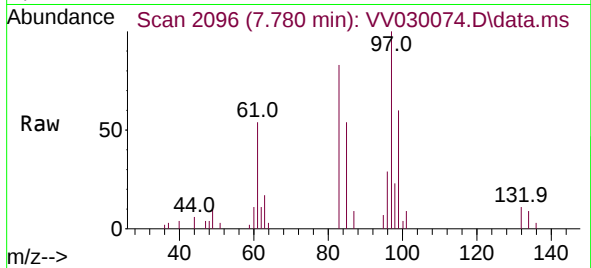
77 35.8 22.3 41.5





#45
1,1,2-Trichloroethane
Concen: 2.696 ug/L
RT: 7.780 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

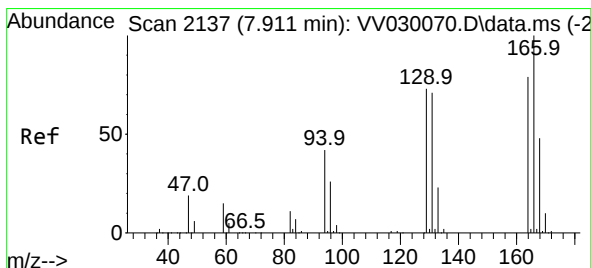
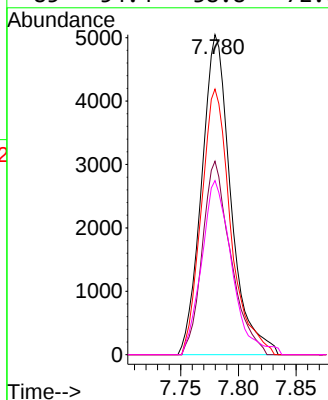
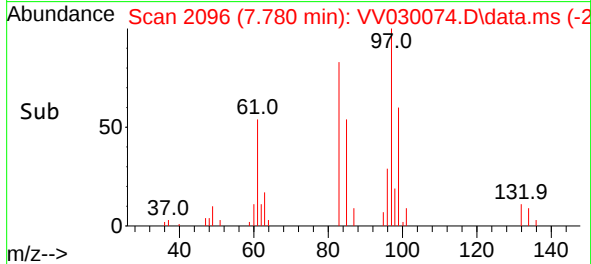
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



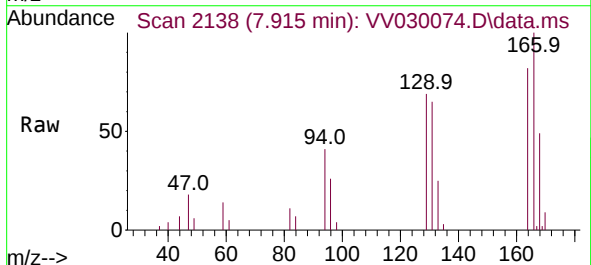
Tgt Ion:	97	Resp:	889
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.8	81.4
83	83.0	59.9	111.3
85	54.4	38.8	72.0

Manual Integrations
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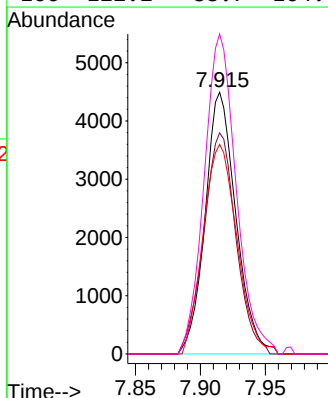
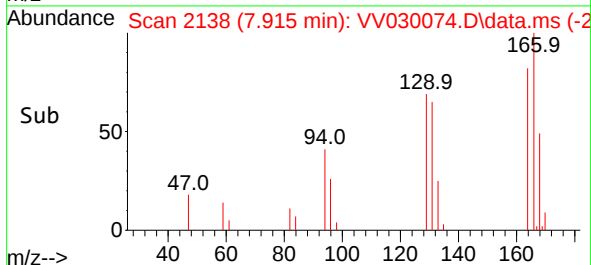
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

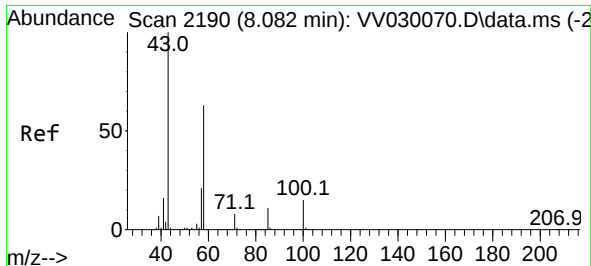


#46
Tetrachloroethene
Concen: 2.682 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27



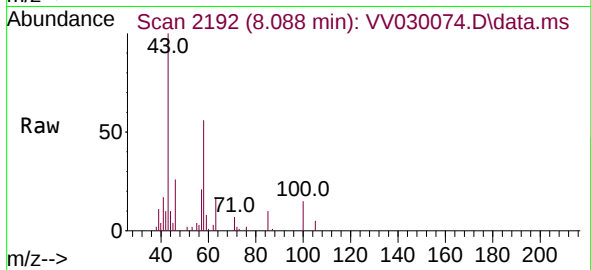
Tgt Ion:	164	Resp:	7406
Ion	Ratio	Lower	Upper
164	100		
129	84.5	65.2	121.0
131	80.0	63.1	117.3
166	122.2	88.7	164.7





#48
2-Hexanone
Concen: 5.971 ug/L m
RT: 8.088 min Scan# 2190
Delta R.T. 0.007 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

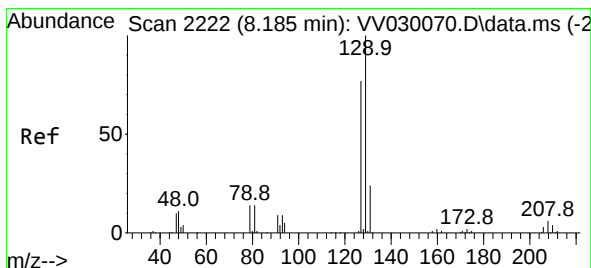
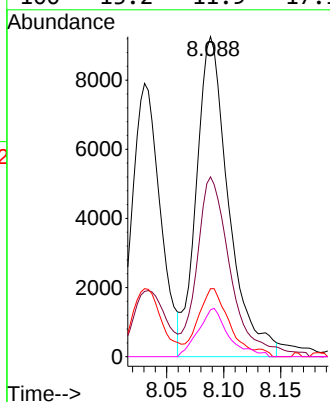
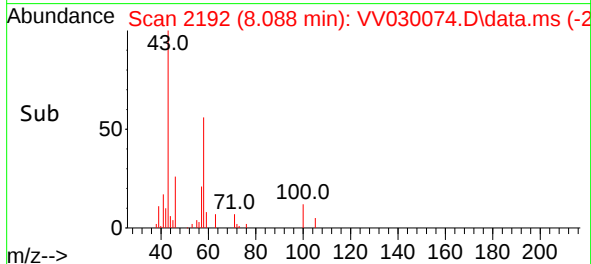
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
58 55.7 49.9 74.9
57 17.3 17.4 26.0
100 13.2 11.9 17.9

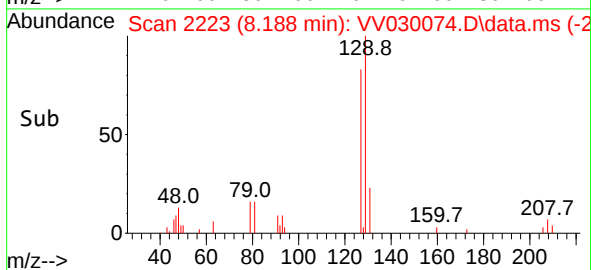
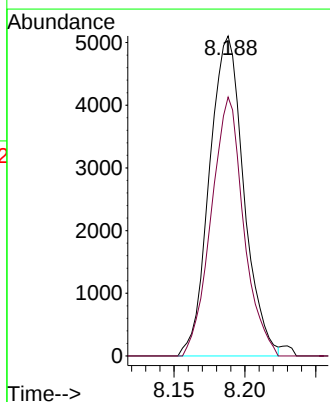
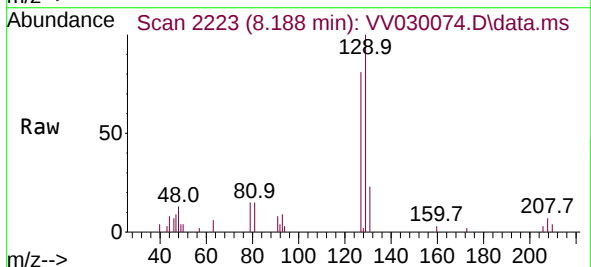
Manual Integrations
APPROVED

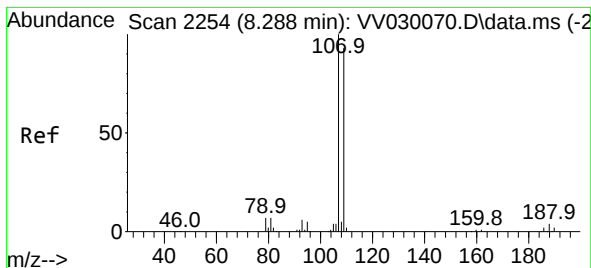
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#49
Dibromochloromethane
Concen: 2.523 ug/L
RT: 8.188 min Scan# 2223
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

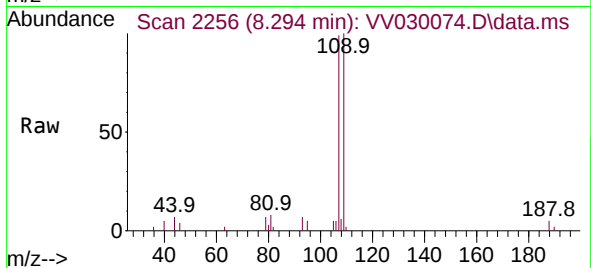
Tgt Ion:129 Resp: 8627
Ion Ratio Lower Upper
129 100
127 80.9 54.9 102.1





#50
1,2-Dibromoethane
Concen: 2.611 ug/L
RT: 8.294 min Scan# 2111
Delta R.T. 0.007 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

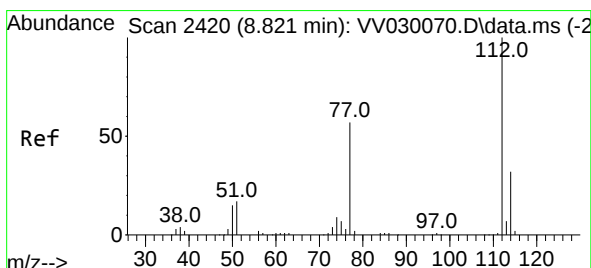
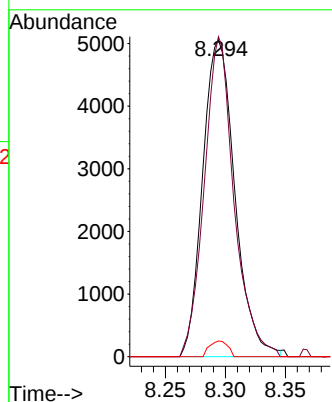
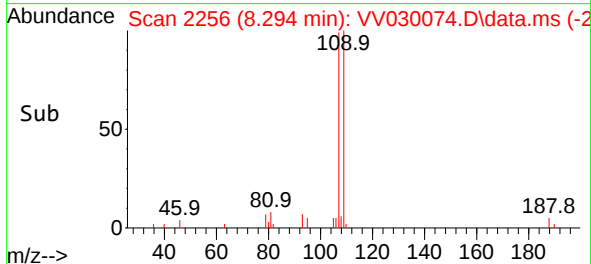
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



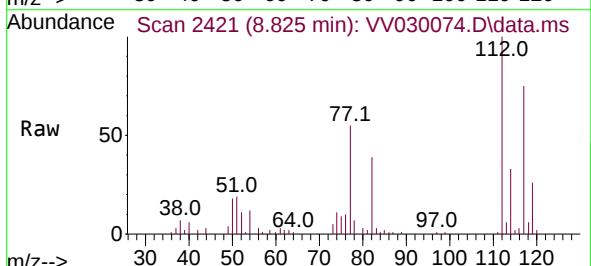
Tgt Ion:107 Resp: 9448
Ion Ratio Lower Upper
107 100
109 101.0 66.0 122.6
188 5.0 3.4 5.0

Manual Integrations
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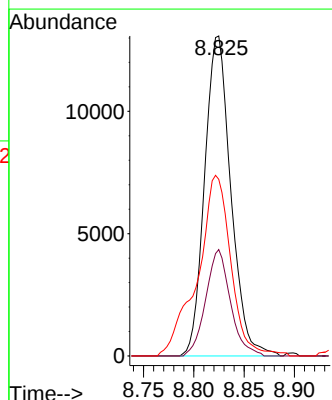
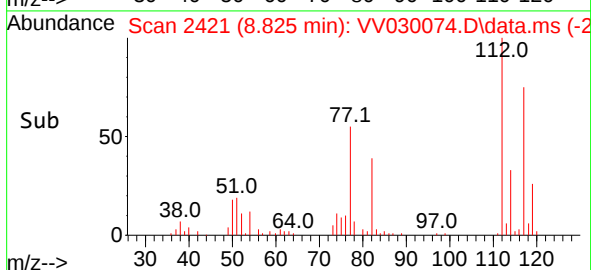
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

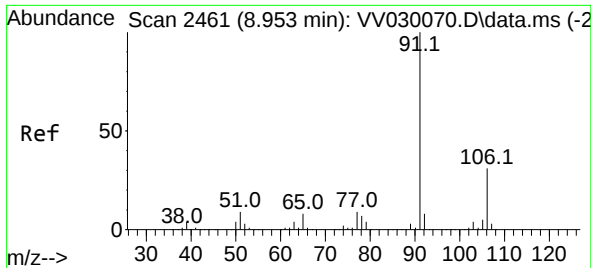


#51
Chlorobenzene
Concen: 2.698 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27



Tgt Ion:112 Resp: 23741
Ion Ratio Lower Upper
112 100
114 33.2 22.3 41.3
77 55.2 46.0 69.0





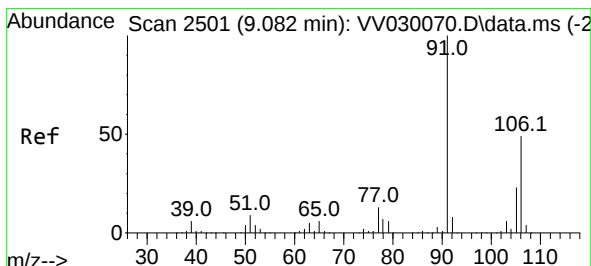
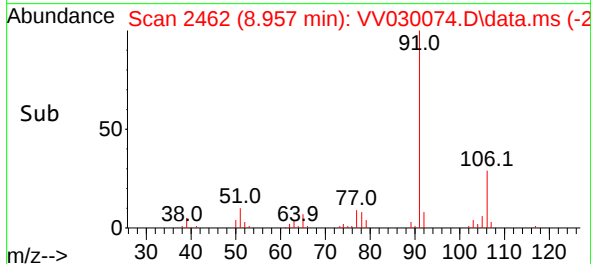
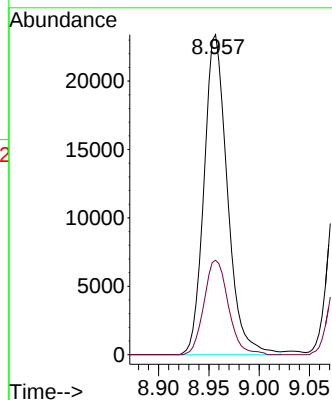
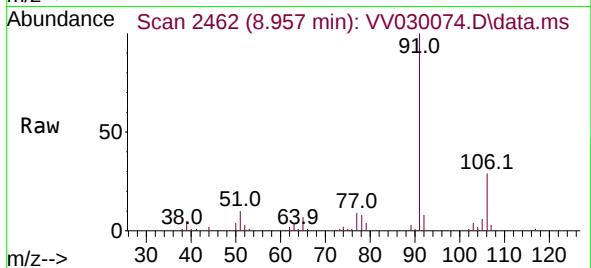
#52
Ethylbenzene
Concen: 2.590 ug/L
RT: 8.957 min Scan# 2461
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion: 91 Resp: 3786
Ion Ratio Lower Upper
91 100
106 29.5 22.0 40.8

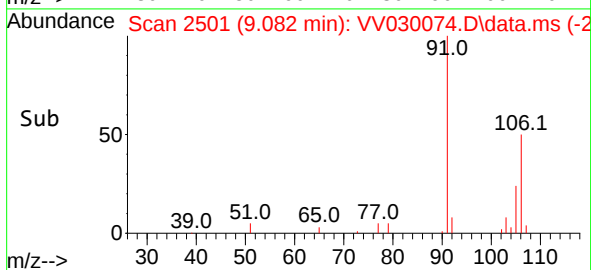
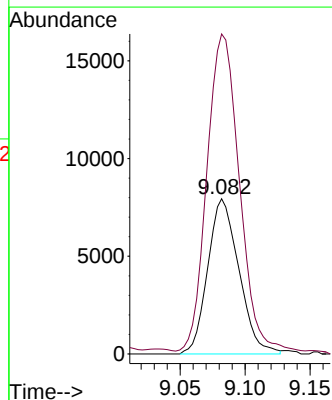
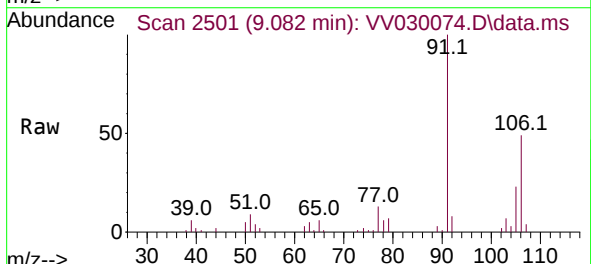
Manual Integrations
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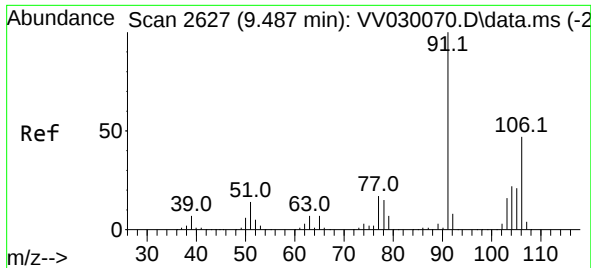
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#53
m,p-Xylene
Concen: 2.374 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.000 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

Tgt Ion:106 Resp: 13263
Ion Ratio Lower Upper
106 100
91 206.2 142.0 263.8





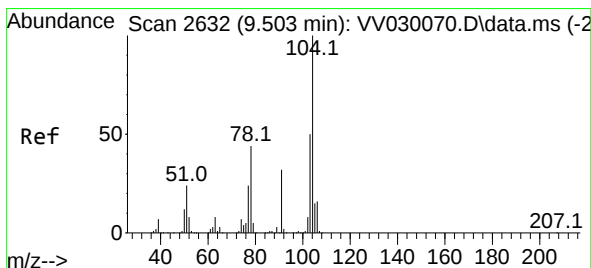
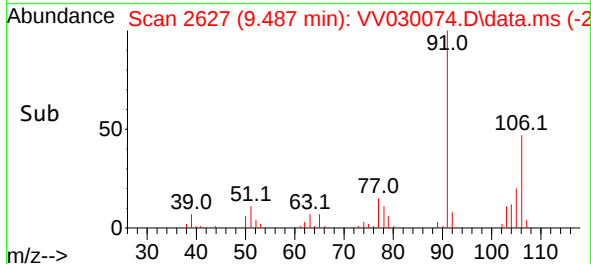
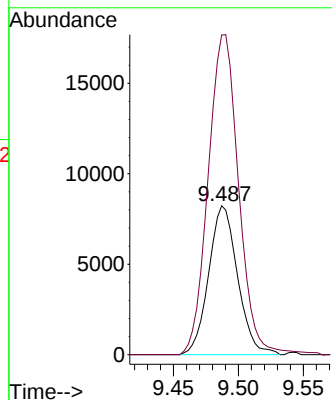
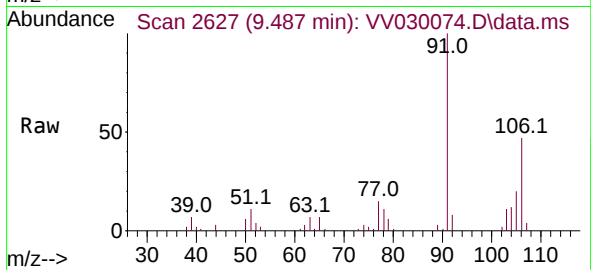
#54
o-Xylene
Concen: 2.366 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:106 Resp: 12739
Ion Ratio Lower Upper
106 100
91 214.6 151.5 281.3

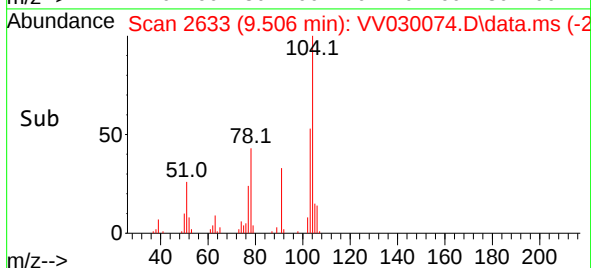
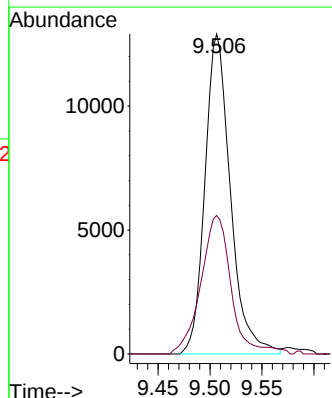
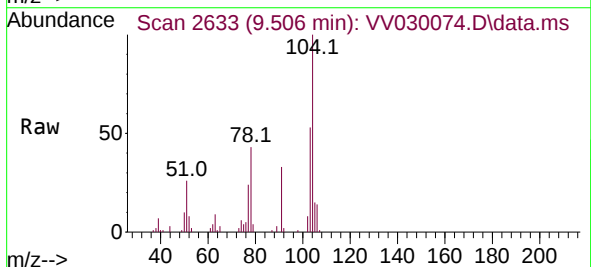
Manual Integrations
APPROVED

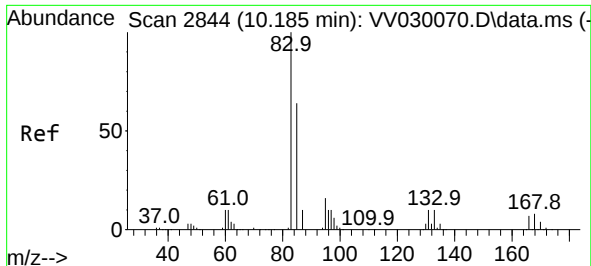
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#55
Styrene
Concen: 2.396 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

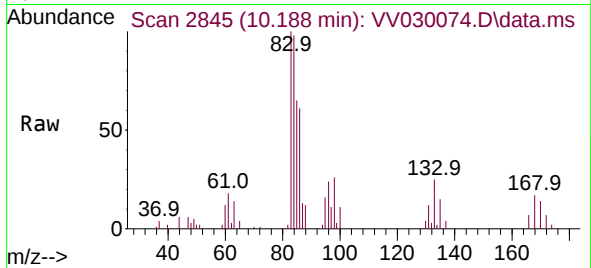
Tgt Ion:104 Resp: 22036
Ion Ratio Lower Upper
104 100
78 43.3 31.9 59.2





#57
1,1,2,2-Tetrachloroethane
Concen: 2.756 ug/L
RT: 10.188 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

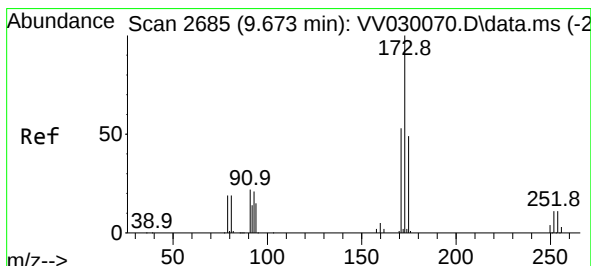
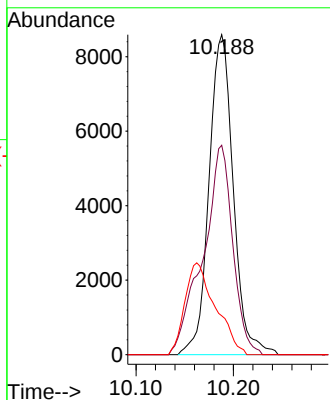
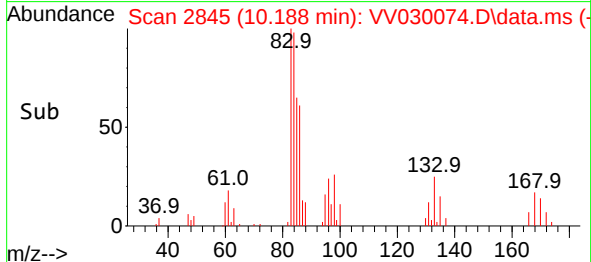
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT1-2023-01



Tgt Ion: 83 Resp: 1485
Ion Ratio Lower Upper
83 100
85 65.5 45.5 84.5
131 12.1 8.3 12.5

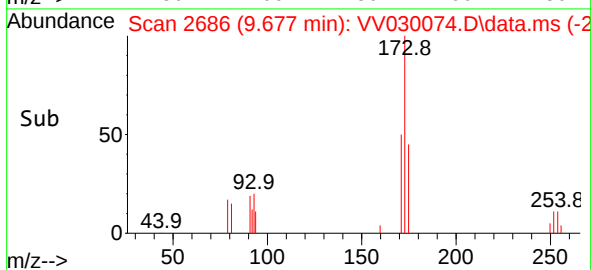
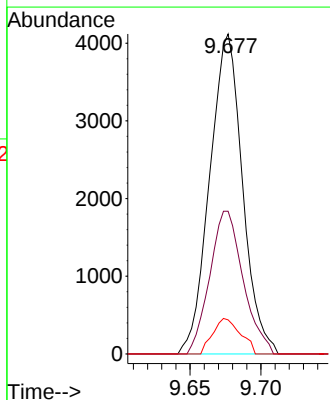
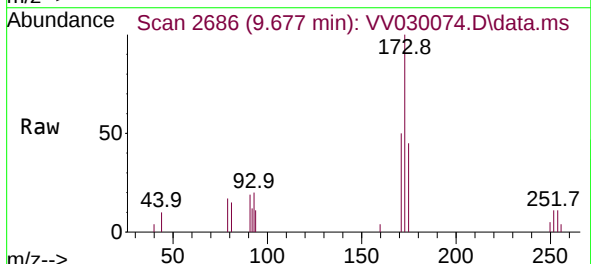
Manual Integrations
APPROVED

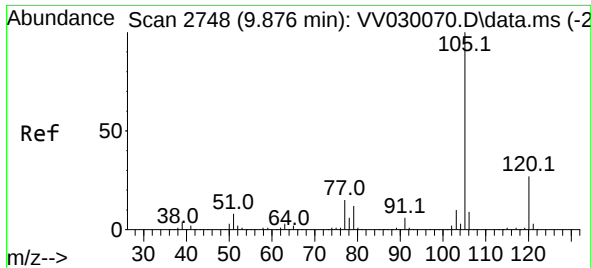
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#59
Bromoform
Concen: 2.800 ug/L
RT: 9.677 min Scan# 2686
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

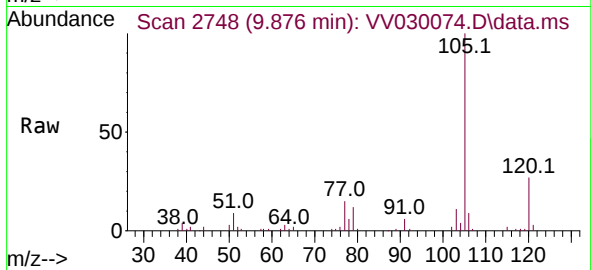
Tgt Ion:173 Resp: 6630
Ion Ratio Lower Upper
173 100
175 45.4 38.7 58.1
254 9.3 8.7 13.1





#60
Isopropylbenzene
Concen: 2.551 ug/L
RT: 9.876 min Scan# 2748
Delta R.T. 0.000 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

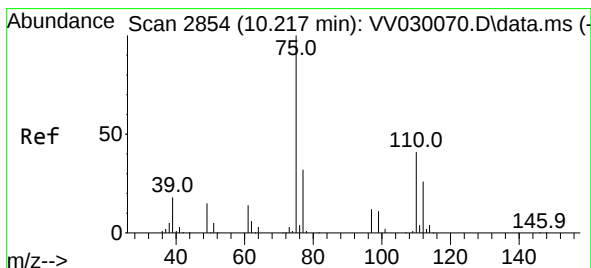
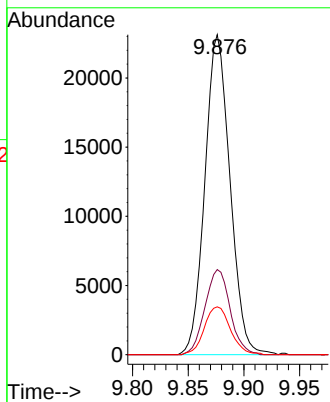
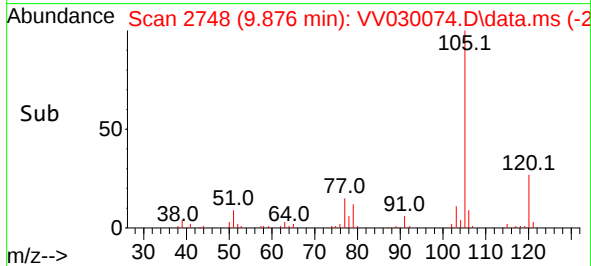
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



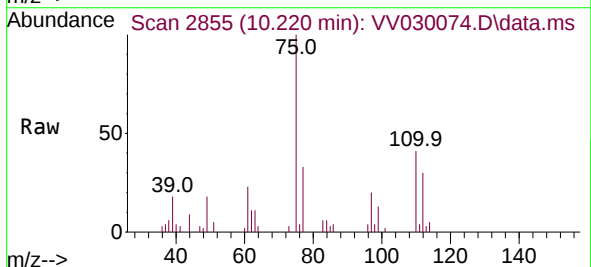
Tgt Ion:105 Resp: 36270
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 15.5 12.2 18.2

Manual Integrations
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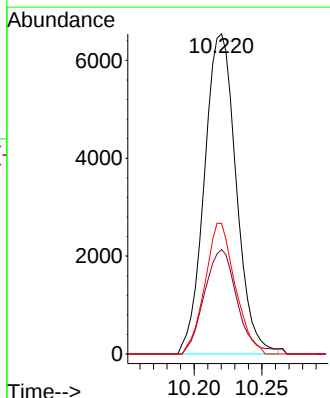
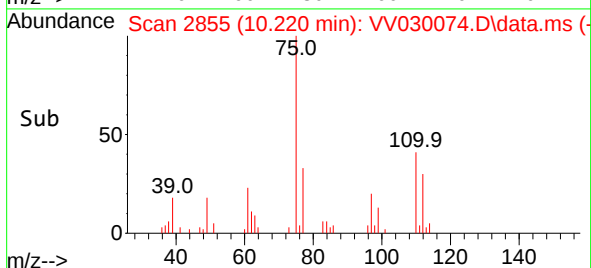
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

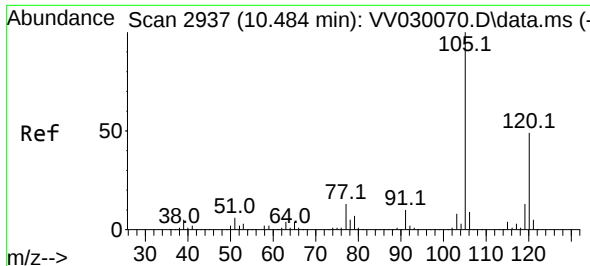


#61
1,2,3-Trichloropropane
Concen: 2.700 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27



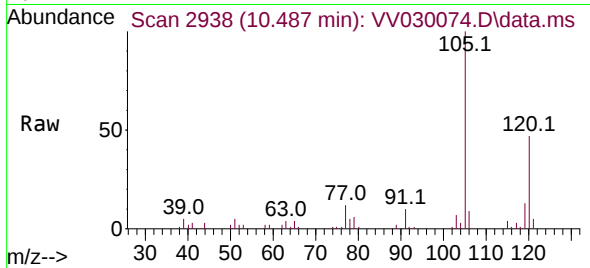
Tgt Ion: 75 Resp: 10679
Ion Ratio Lower Upper
75 100
77 33.4 25.9 38.9
110 38.6 32.1 48.1





#62
1,3,5-Trimethylbenzene
Concen: 2.402 ug/L
RT: 10.487 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

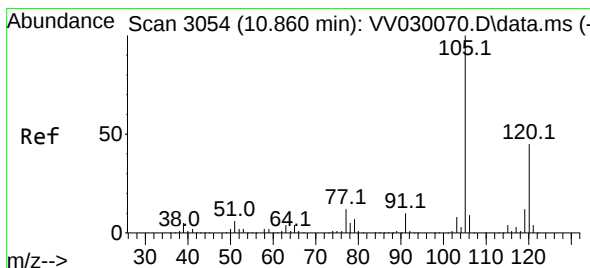
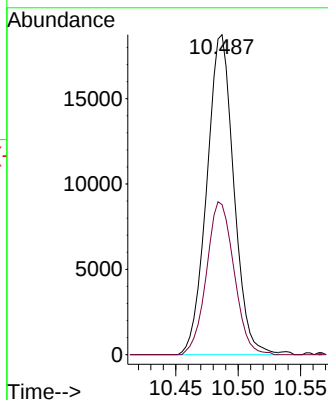
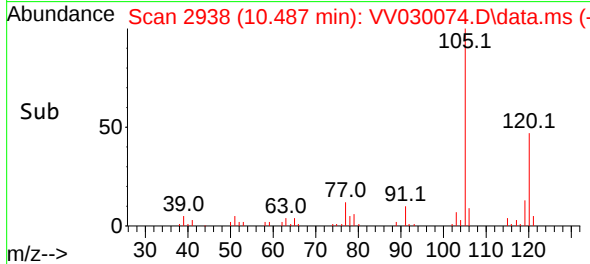
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



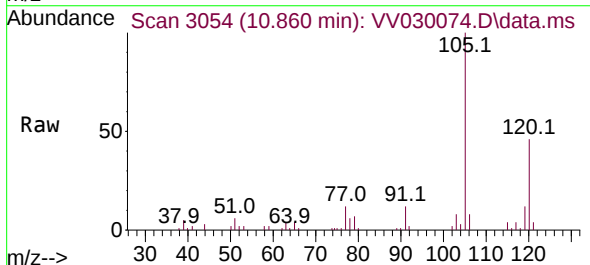
Tgt Ion:105 Resp: 28284
Ion Ratio Lower Upper
105 100
120 48.7 39.0 58.4

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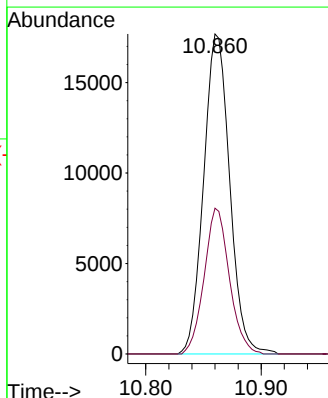
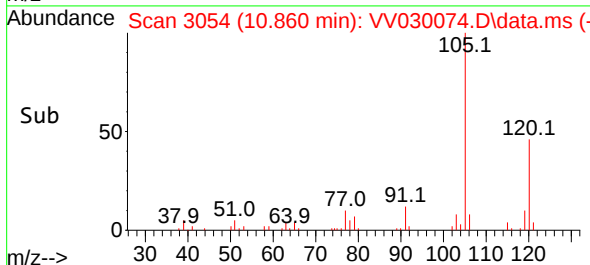
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

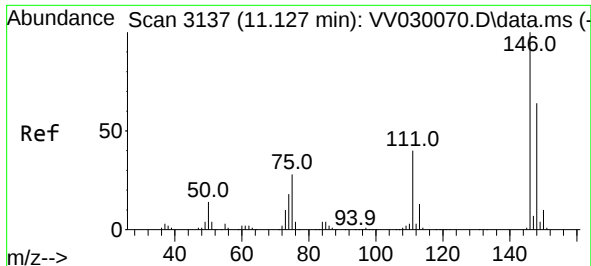


#63
1,2,4-Trimethylbenzene
Concen: 2.393 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27



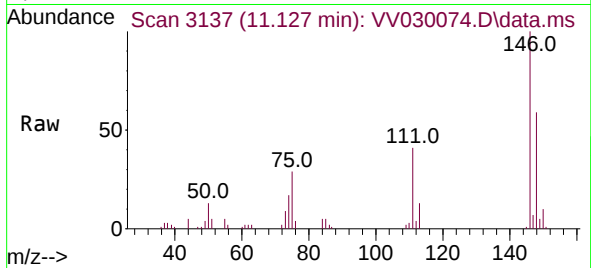
Tgt Ion:105 Resp: 27694
Ion Ratio Lower Upper
105 100
120 44.0 36.3 54.5





#64
1,3-Dichlorobenzene
Concen: 2.657 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.000 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

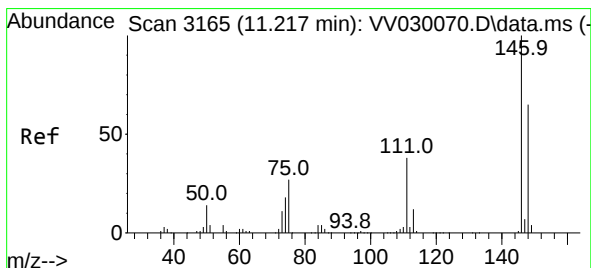
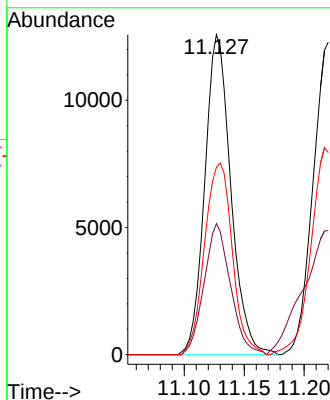
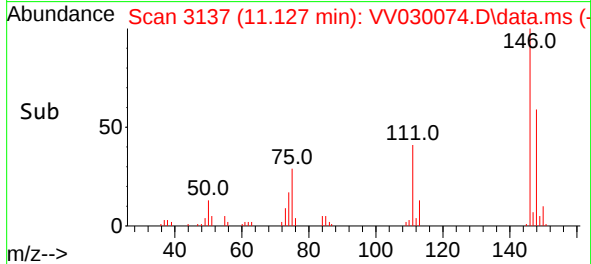
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



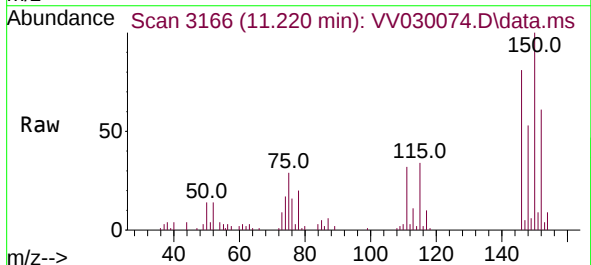
Tgt Ion:146 Resp: 19040
Ion Ratio Lower Upper
146 100
111 41.0 28.2 52.4
148 58.6 45.3 84.1

Manual Integrations
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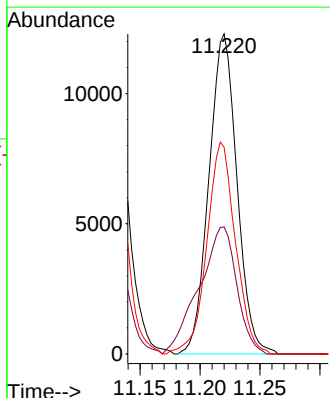
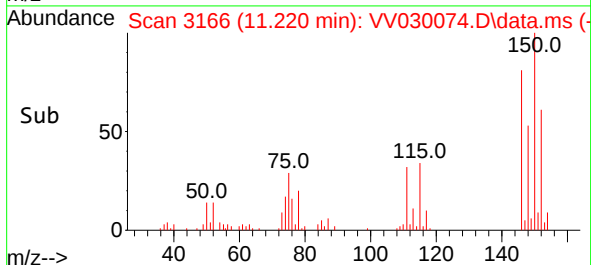
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

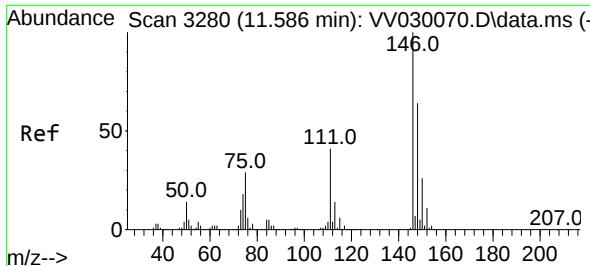


#65
1,4-Dichlorobenzene
Concen: 2.726 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27



Tgt Ion:146 Resp: 19982
Ion Ratio Lower Upper
146 100
111 39.7 27.1 50.3
148 64.6 44.9 83.5





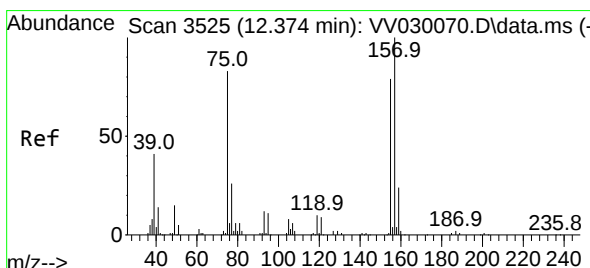
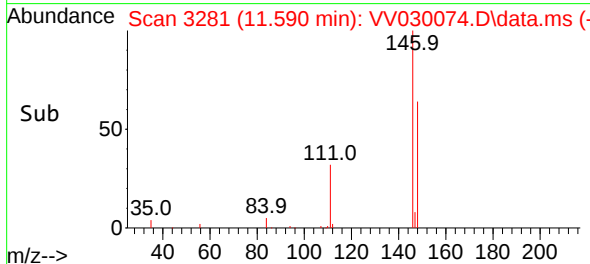
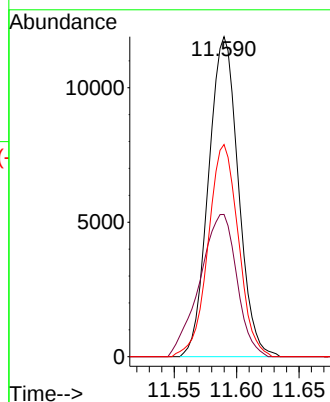
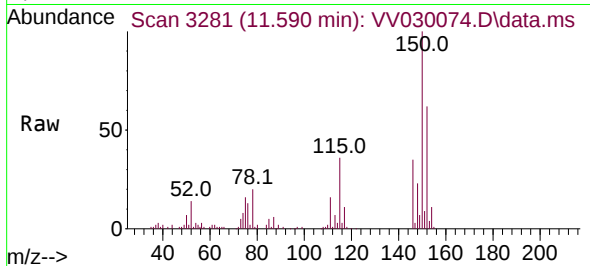
#67
1,2-Dichlorobenzene
Concen: 2.773 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01

Tgt Ion:146 Resp: 1978
Ion Ratio Lower Upper
146 100
111 44.4 33.0 49.4
148 66.3 50.7 76.1

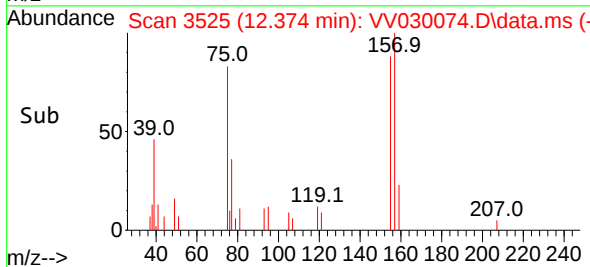
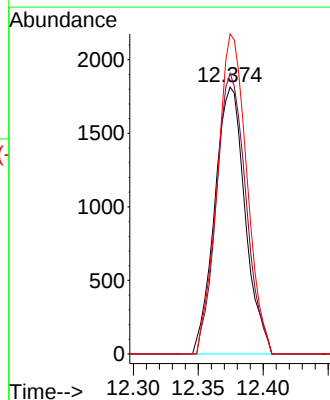
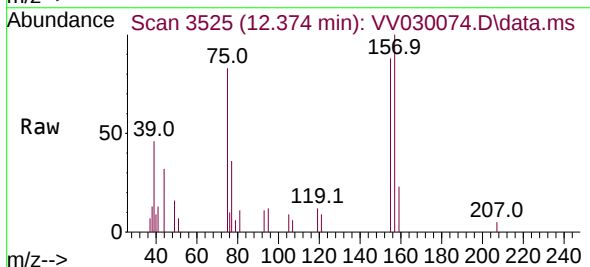
Manual Integrations
APPROVED

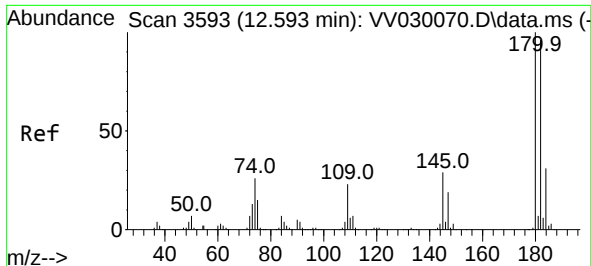
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023



#68
1,2-Dibromo-3-chloropropane
Concen: 2.563 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.000 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

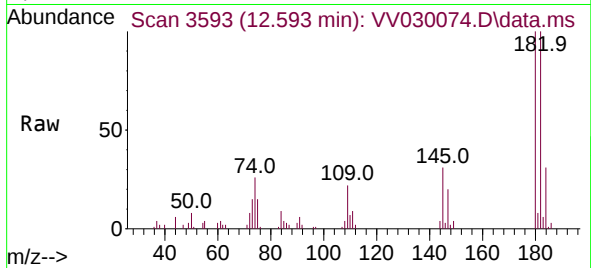
Tgt Ion: 75 Resp: 2958
Ion Ratio Lower Upper
75 100
155 105.1 76.2 114.2
157 119.9 96.0 144.0





#69
1,3,5-Trichlorobenzene
Concen: 2.666 ug/L
RT: 12.593 min Scan# 3593
Delta R.T. 0.000 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27

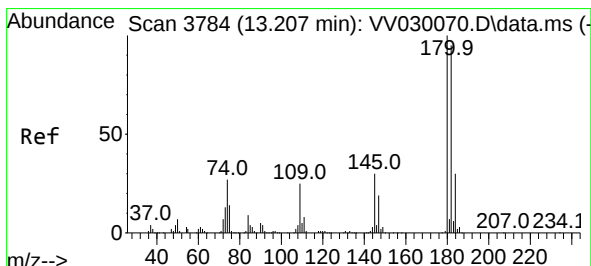
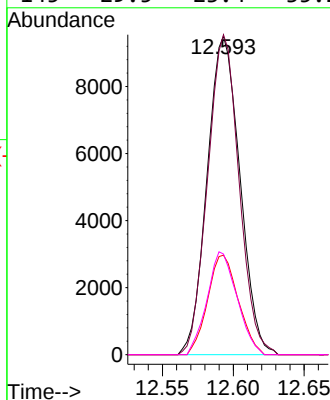
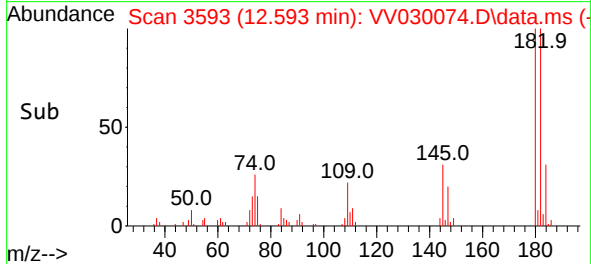
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2023-01



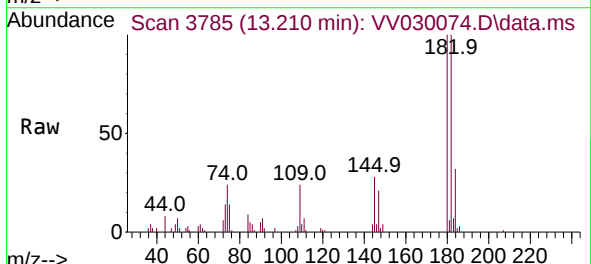
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
184	29.2	24.5	36.7
145	29.5	23.4	35.2

Manual Integrations
APPROVED

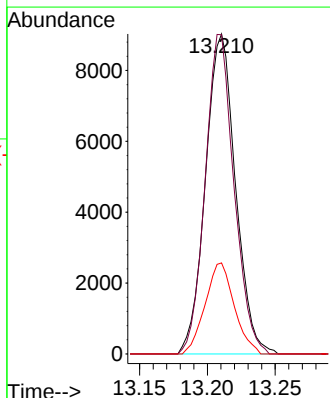
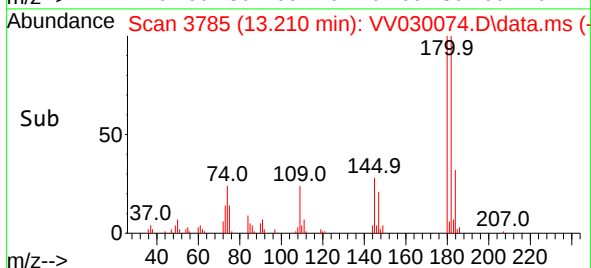
Reviewed By :Krupa Patel 02/21/2023
Supervised By :Mahesh Dadoda 02/21/2023

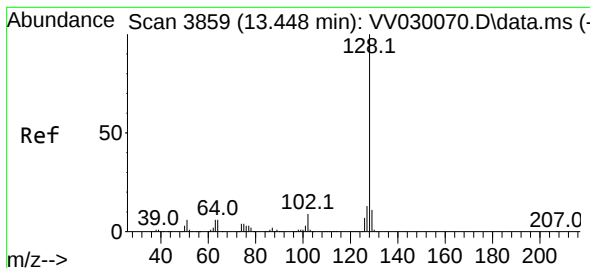


#70
1,2,4-trichlorobenzene
Concen: 2.588 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV030074.D
Acq: 20 Feb 2023 13:27



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.6	114.8
145	27.6	24.3	36.5





#71

Naphthalene

Concen: 2.298 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV030074.D

Acq: 20 Feb 2023 13:27

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2023-01

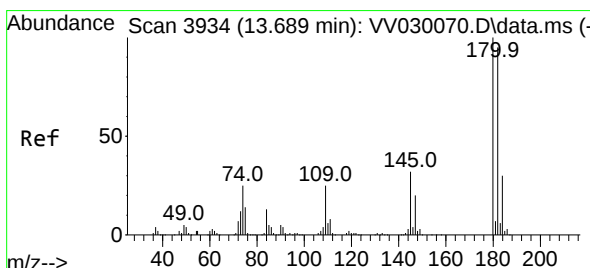
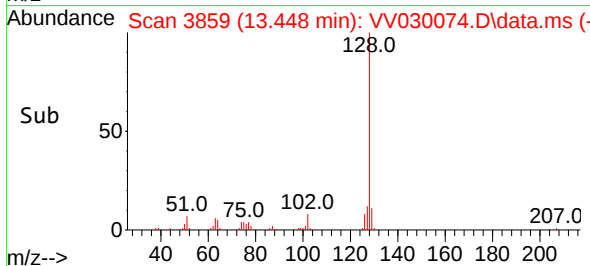
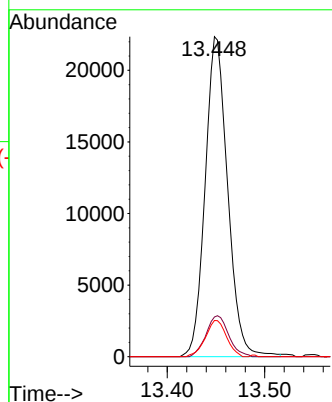
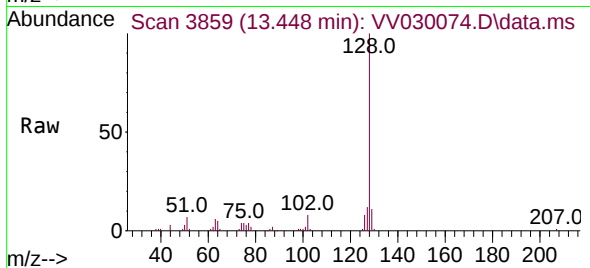
Tgt Ion:	128	Resp:	35818
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/21/2023

Supervised By :Mahesh Dadoda 02/21/2023



#72

1,2,3-Trichlorobenzene

Concen: 2.559 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV030074.D

Acq: 20 Feb 2023 13:27

Tgt Ion:	180	Resp:	13498
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.8	113.8
145	30.7	25.0	37.6

