

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101022\
 Data File : VW028494.D
 Acq On : 10 Oct 2022 11:13
 Operator : SY/MD
 Sample : N4519-05
 Misc : 5.00g/5.0ml/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-07

Quant Time: Oct 11 04:39:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 11 02:53:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

10/11/2022

Supervised By :Mahesh
 Dadoda

10/11/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	324548	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	291081	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	147603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	128668	51.380	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.760%	
7) Chloroethane-d5	1.564	69	98253	49.481	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	98.960%	
11) 1,1-Dichloroethene-d2	2.105	63	170426	39.987	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	79.980%	
21) 2-Butanone-d5	3.899	46	191004	87.129	ug/L	0.01
Spiked Amount 100.000	Range 40	- 130	Recovery	=	87.130%	
24) Chloroform-d	4.342	84	239397	52.124	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	104.240%	
26) 1,2-Dichloroethane-d4	5.027	65	161311	54.460	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	108.920%	
32) Benzene-d6	5.043	84	508805	54.551	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	109.100%	
36) 1,2-Dichloropropane-d6	6.063	67	158076	51.981	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	103.960%	
41) Toluene-d8	7.310	98	459824	55.064	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	110.120%	
43) trans-1,3-Dichloroprop...	7.616	79	82895	53.479	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	106.960%	
47) 2-Hexanone-d5	8.085	63	159058	96.149	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	96.150%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	204124	49.051	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	98.100%	
66) 1,2-Dichlorobenzene-d4	11.615	152	168327	55.037	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	110.080%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	4552	1.863	ug/L	98
3) Chloromethane	1.240	50	4598	1.671	ug/L	99
5) Vinyl chloride	1.307	62	4714	1.708	ug/L #	33
6) Bromomethane	1.519	94	2787	2.214	ug/L	99
8) Chloroethane	1.584	64	4118m	2.457	ug/L	
9) Trichlorofluoromethane	1.751	101	6022	1.765	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	4944	2.557	ug/L #	79
12) 1,1-Dichloroethene	2.114	96	4673	2.462	ug/L #	1
13) Acetone	2.195	43	6892m	4.058	ug/L	
14) Carbon disulfide	2.291	76	12050	1.985	ug/L	98
15) Methyl Acetate	2.432	43	5031m	1.755	ug/L	
17) trans-1,2-Dichloroethene	2.757	96	4132	1.866	ug/L	90
18) Methyl tert-butyl Ether	2.770	73	14991	1.842	ug/L	96
19) 1,1-Dichloroethane	3.188	63	7832	1.732	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	4953	1.964	ug/L	98
22) 2-Butanone	4.002	43	8854m	3.955	ug/L	
23) Bromochloromethane	4.252	128	2060	1.680	ug/L	93
27) 1,2-Dichloroethane	5.140	62	6662	1.969	ug/L	96
29) Cyclohexane	4.674	56	7088	1.693	ug/L	96

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Reviewed By :Krupa
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.603	97	7358	1.957	ug/L	98
31) Carbon tetrachloride	4.825	117	6414	2.038	ug/L	94
33) Benzene	5.098	78	17480m	1.826	ug/L	
35) Methylcyclohexane	6.124	83	7113	1.723	ug/L	97
37) 1,2-Dichloropropane	6.175	63	4934m	1.922	ug/L	
38) Bromodichloromethane	6.509	83	6030	1.803	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	7070	1.732	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	13135	3.001	ug/L	97
42) Toluene	7.390	91	17784	1.802	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	6587	1.681	ug/L	88
45) 1,1,2-Trichloroethane	7.841	97	4094	1.722	ug/L #	79
46) Tetrachloroethene	7.972	164	3120	1.828	ug/L	96
49) Dibromochloromethane	8.246	129	4482	1.754	ug/L	98
50) 1,2-Dibromoethane	8.355	107	4604	1.870	ug/L #	94
51) Chlorobenzene	8.879	112	11886	1.920	ug/L	97
52) Ethylbenzene	9.011	91	19436	1.807	ug/L	93
53) m,p-Xylene	9.140	106	7254	1.779	ug/L	96
54) o-Xylene	9.542	106	7419	1.818	ug/L	98
55) Styrene	9.561	104	11802	1.684	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.233	83	7954	1.954	ug/L #	82
59) Bromoform	9.728	173	3108	1.700	ug/L #	91
60) Isopropylbenzene	9.927	105	19230	1.808	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	5728	1.823	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	16675	1.810	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	16059	1.756	ug/L	94
64) 1,3-Dichlorobenzene	11.178	146	8189	1.760	ug/L	95
65) 1,4-Dichlorobenzene	11.265	146	8663	1.866	ug/L	92
67) 1,2-Dichlorobenzene	11.635	146	8633	1.839	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.419	75	1546	1.608	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.638	180	5904	1.671	ug/L	92
70) 1,2,4-trichlorobenzene	13.255	180	4733	1.520	ug/L	97
71) Naphthalene	13.496	128	17246	1.780	ug/L	98
72) 1,2,3-Trichlorobenzene	13.734	180	5138	1.692	ug/L	97

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

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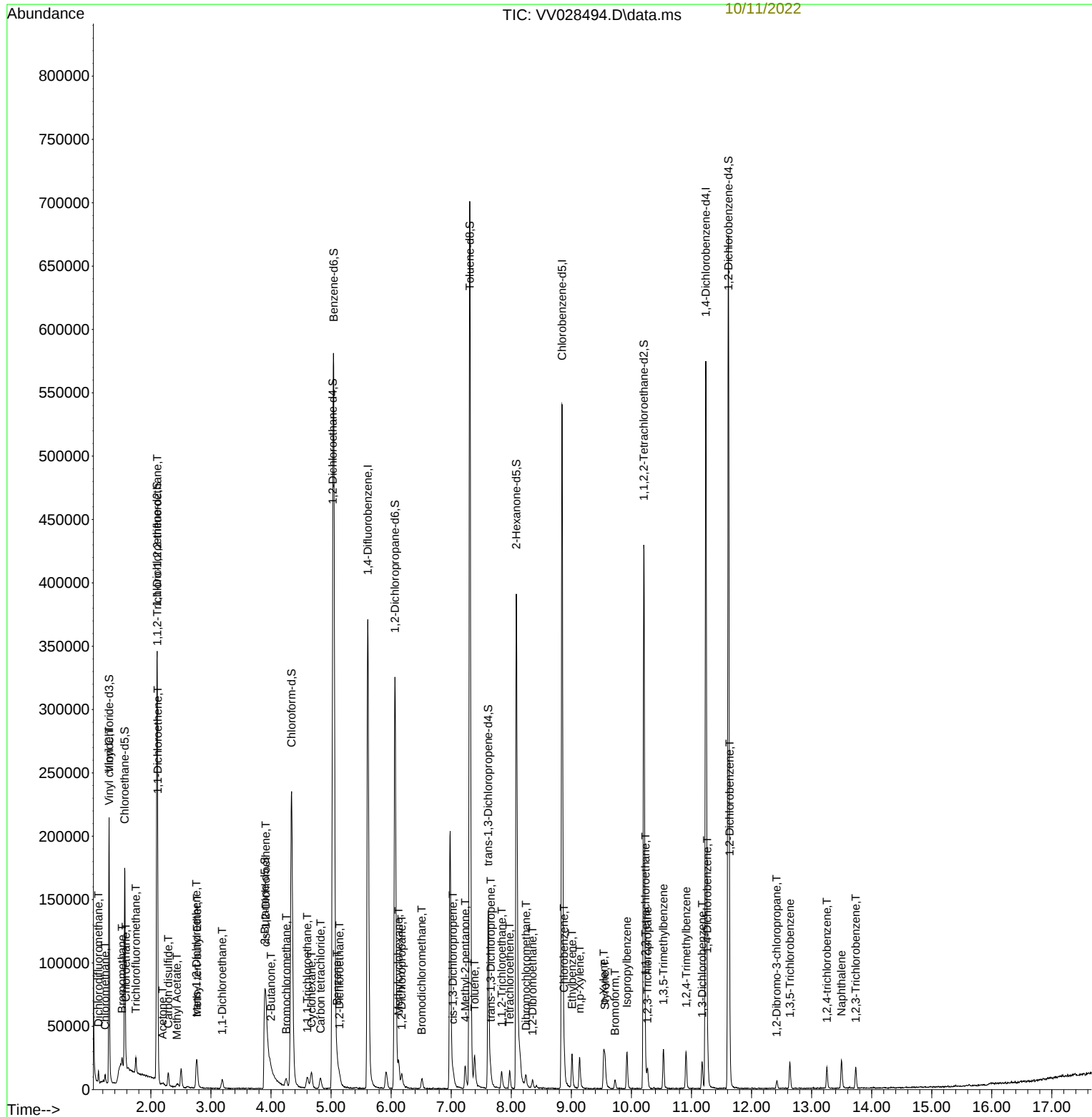
Manual Integrations APPROVED

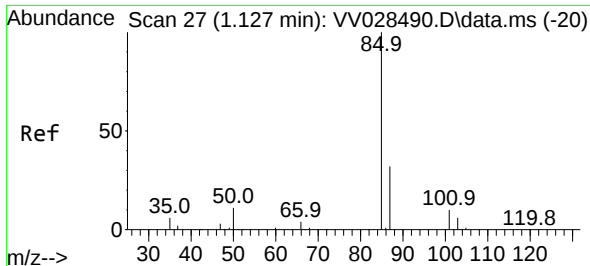
Reviewed By :Krupa
 Patel

10/11/2022

Supervised By :Mahesh
 Dadoda

10/11/2022





#2
Dichlorodifluoromethane
Concen: 1.863 ug/L
RT: 1.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

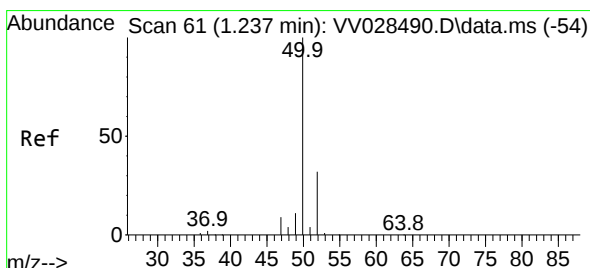
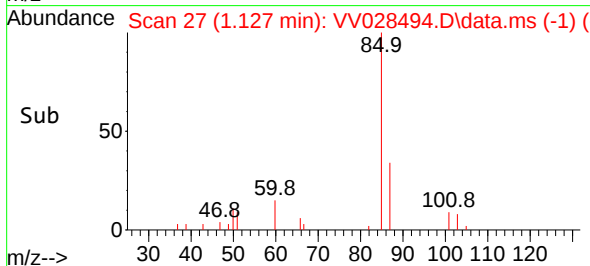
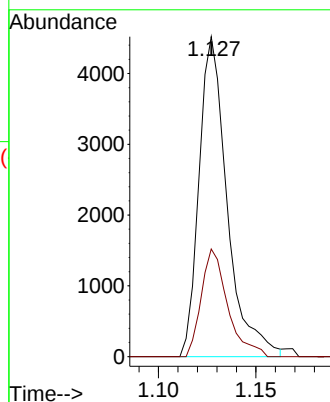
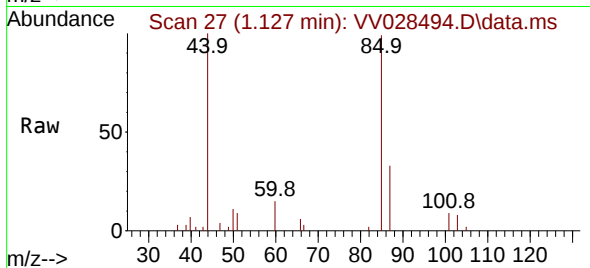
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

Tgt Ion: 85 Resp: 4552
Ion Ratio Lower Upper
85 100
87 31.5 25.9 38.9

Manual Integrations
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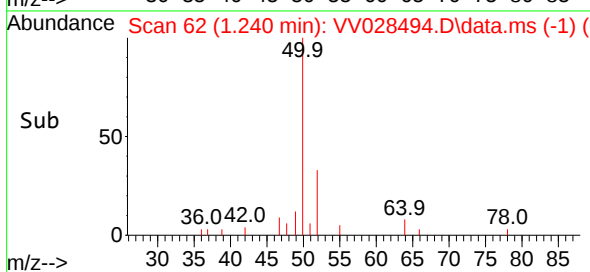
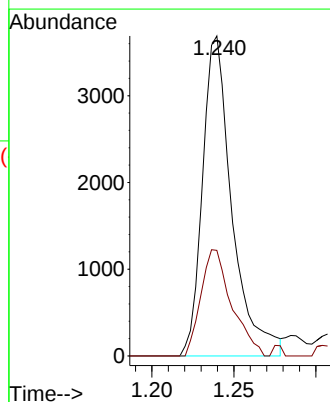
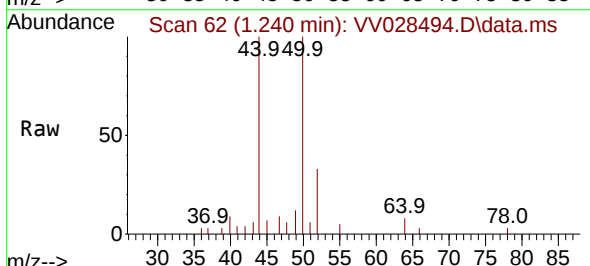
Reviewed By :Krupa
Patel
10/11/2022

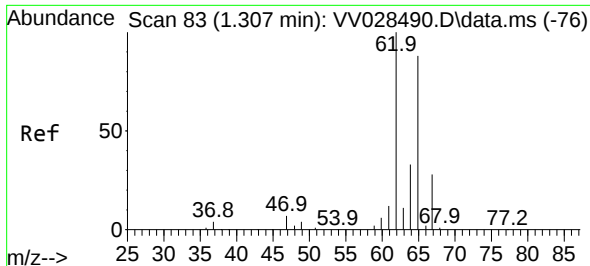
Supervised By :Mahesh
Dadoda
10/11/2022



#3
Chloromethane
Concen: 1.671 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

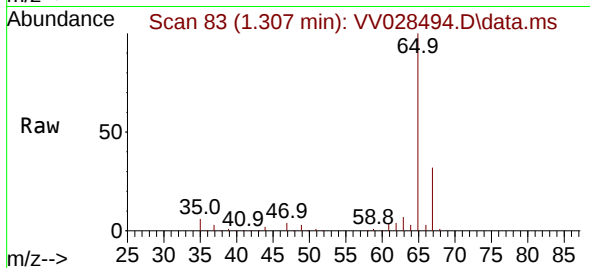
Tgt Ion: 50 Resp: 4598
Ion Ratio Lower Upper
50 100
52 33.0 22.7 42.3





#5
 Vinyl chloride
 Concen: 1.708 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028494.D
 Acq: 10 Oct 2022 11:13

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-07

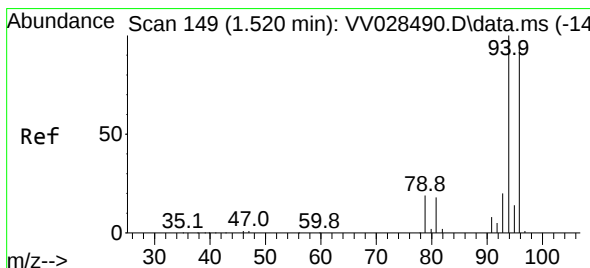
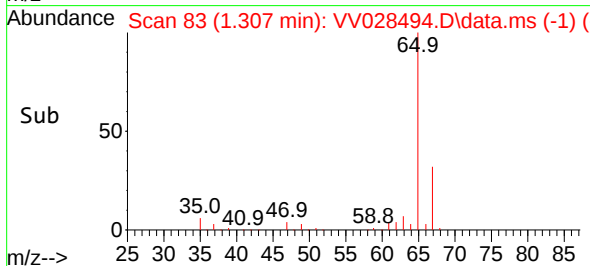
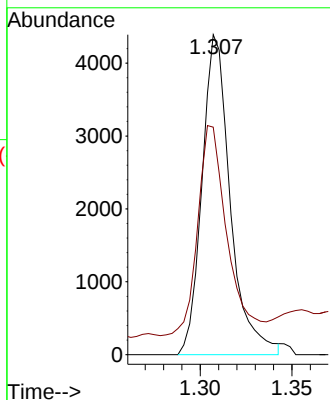


Tgt Ion: 62 Resp: 4714
 Ion Ratio Lower Upper
 62 100
 64 71.1 23.3 43.3

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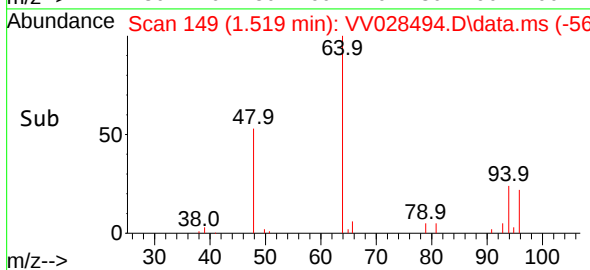
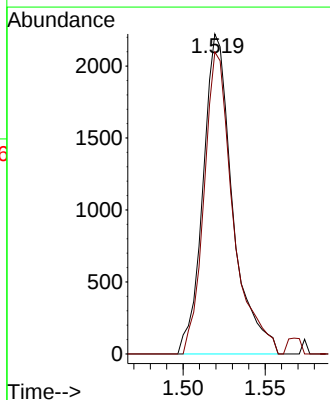
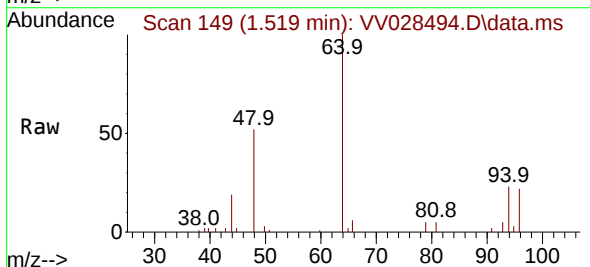
Reviewed By :Krupa
 Patel
 10/11/2022

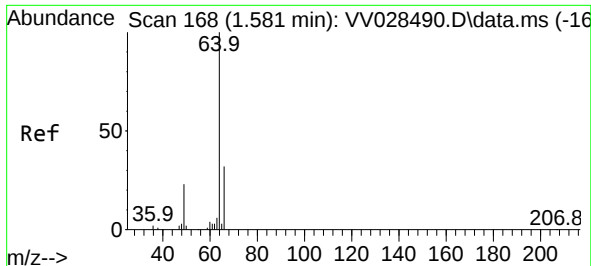
Supervised By :Mahesh
 Dadoda
 10/11/2022



#6
 Bromomethane
 Concen: 2.214 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV028494.D
 Acq: 10 Oct 2022 11:13

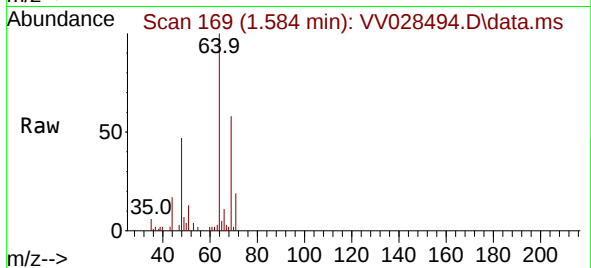
Tgt Ion: 94 Resp: 2787
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.5 121.6





#8
Chloroethane
Concen: 2.457 ug/L m
RT: 1.584 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

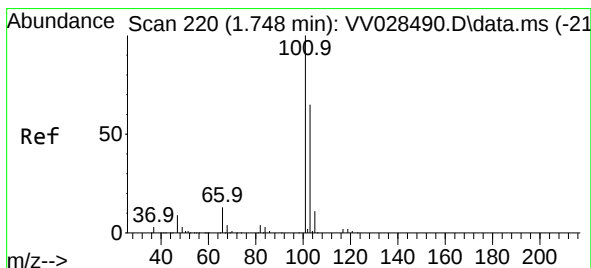
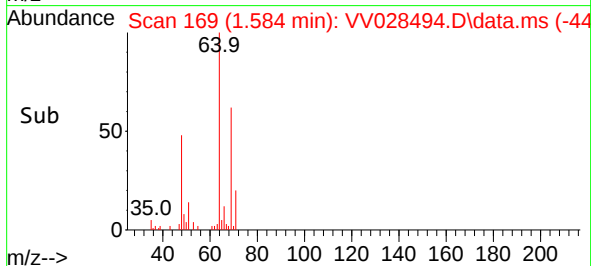
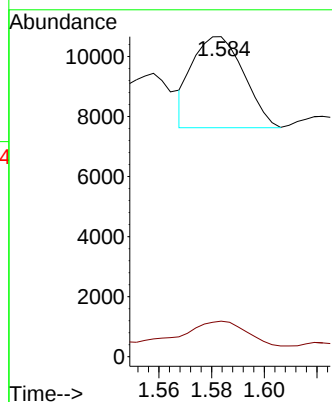


Tgt Ion: 64 Resp: 4118
Ion Ratio Lower Upper
64 100
66 11.1 22.2 41.2

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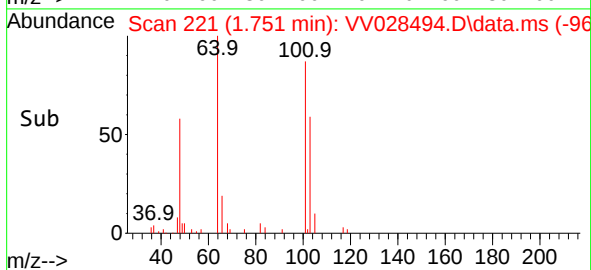
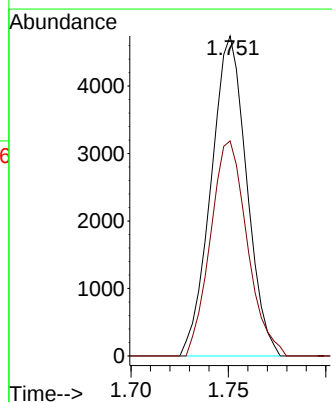
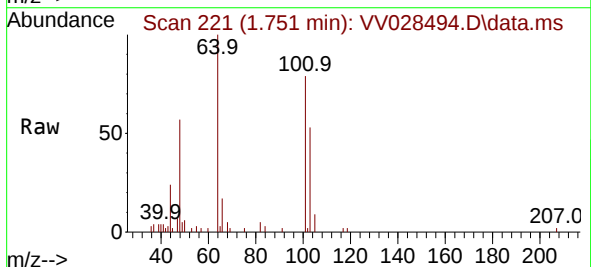
Reviewed By :Krupa
Patel
10/11/2022

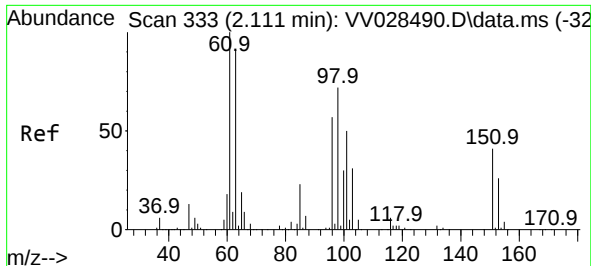
Supervised By :Mahesh
Dadoda
10/11/2022



#9
Trichlorofluoromethane
Concen: 1.765 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Tgt Ion:101 Resp: 6022
Ion Ratio Lower Upper
101 100
103 69.3 50.7 76.1





#10

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

Concen: 2.557 ug/L

RT: 2.108 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV028494.D

Acq: 10 Oct 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

Tgt Ion:101 Resp: 4944

Ion	Ratio	Lower	Upper
101	100		
85	30.8	34.9	52.3
151	56.0	59.2	88.8

Manual Integrations

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Reviewed By :Krupa

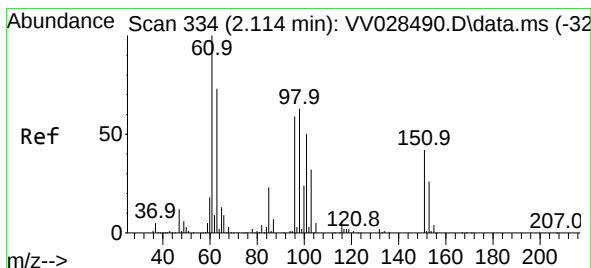
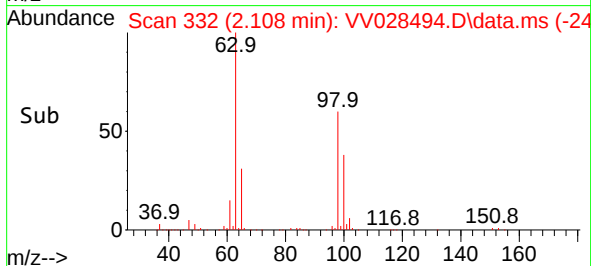
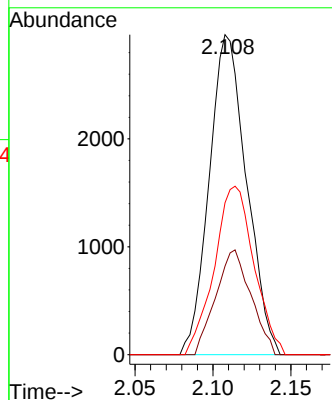
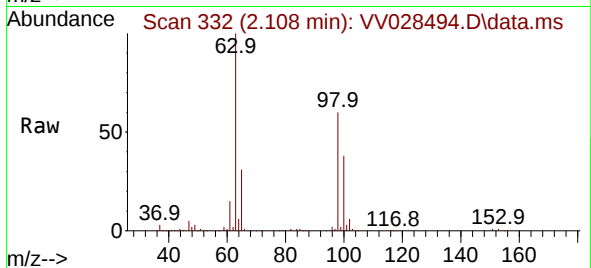
Patel

10/11/2022

Supervised By :Mahesh

Dadoda

10/11/2022



#12

1,1-Dichloroethene

Concen: 2.462 ug/L

RT: 2.114 min Scan# 334

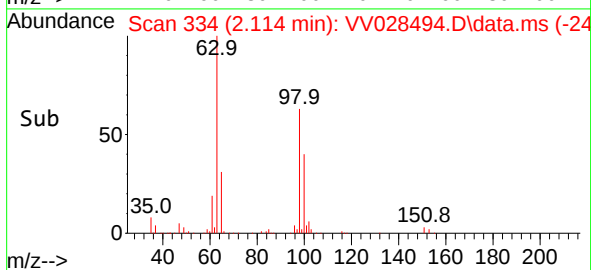
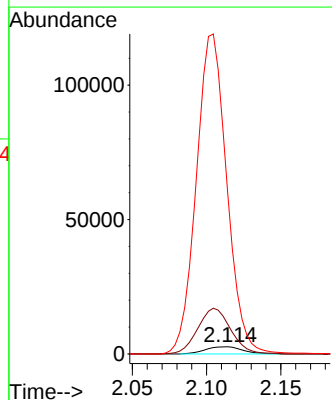
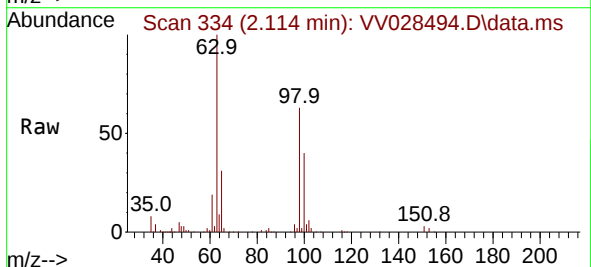
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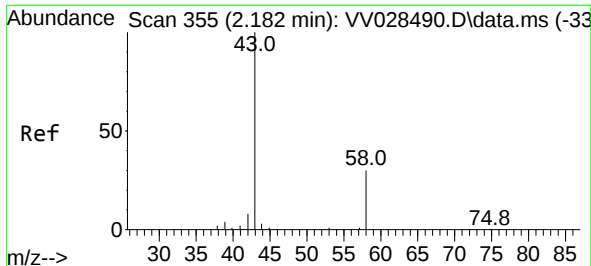
Lab File: VV028494.D

Acq: 10 Oct 2022 11:13

Tgt Ion: 96 Resp: 4673

Ion	Ratio	Lower	Upper
96	100		
61	414.6	125.6	233.2#
63	2232.0	100.0	185.6#





#13
Acetone
Concen: 4.058 ug/L m
RT: 2.195 min Scan# 359
Delta R.T. 0.013 min
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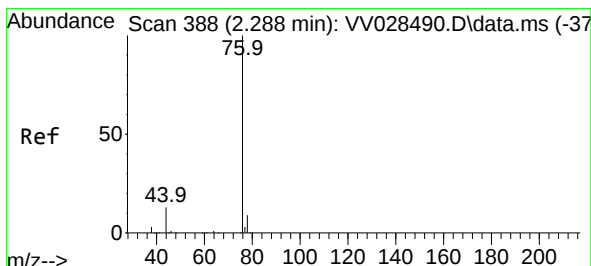
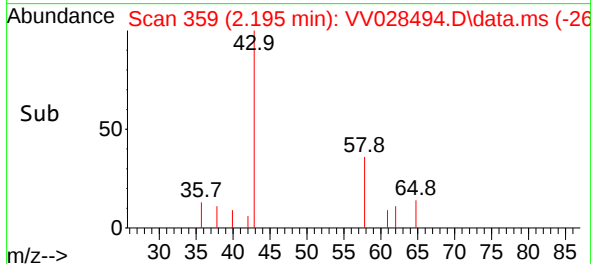
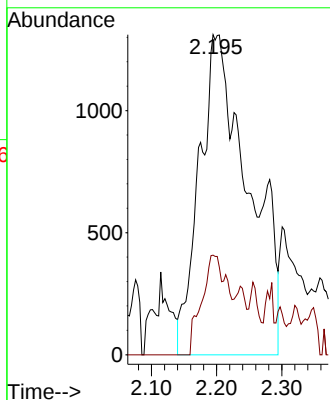
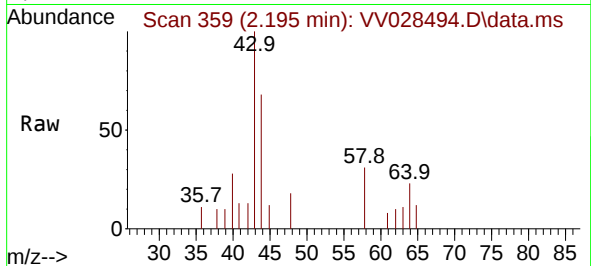
Instrument : MSVOA_V
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Tgt Ion: 43 Resp: 6892
Ion Ratio Lower Upper
43 100
58 1.3 0.0 47.0

Manual Integrations
APPROVED

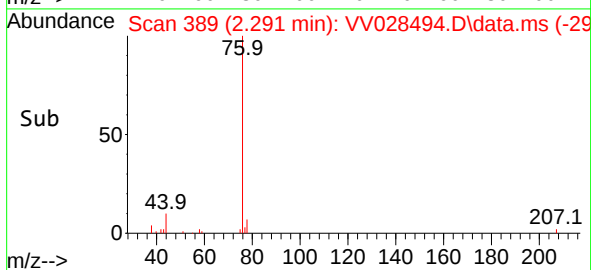
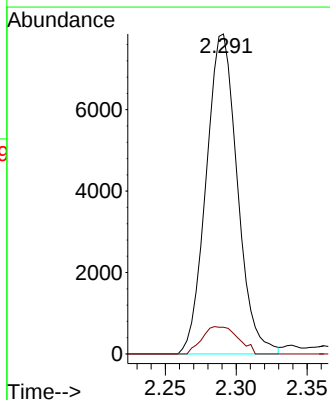
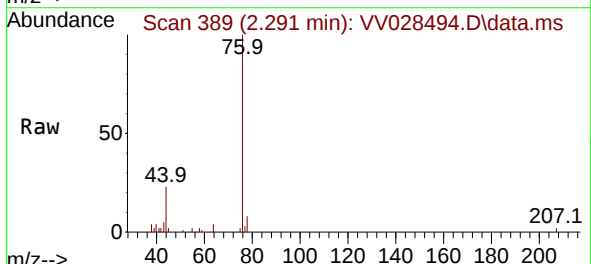
Reviewed By :Krupa
Patel
10/11/2022

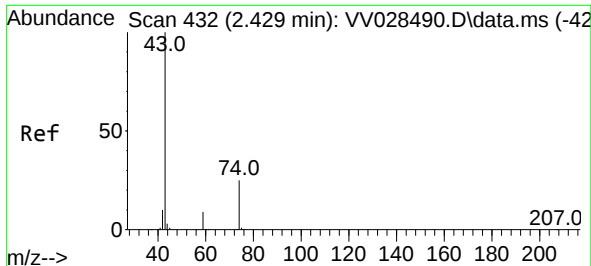
Supervised By :Mahesh
Dadoda
10/11/2022



#14
Carbon disulfide
Concen: 1.985 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

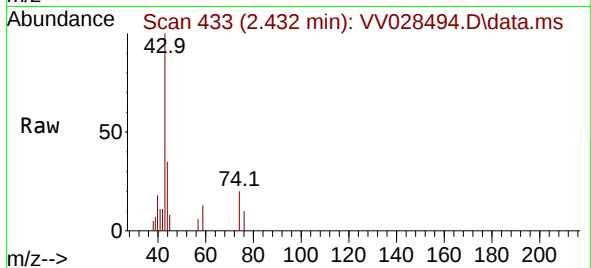
Tgt Ion: 76 Resp: 12050
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0





#15
Methyl Acetate
Concen: 1.755 ug/L m
RT: 2.432 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

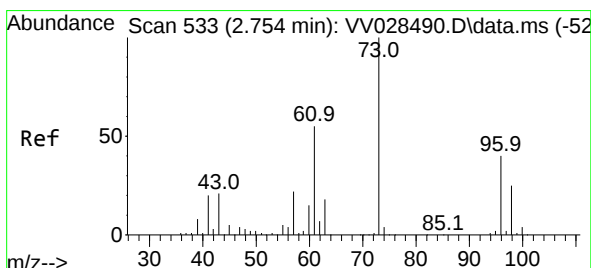
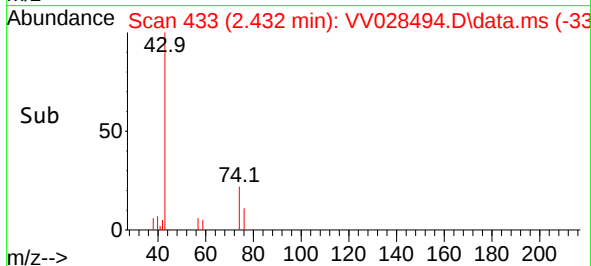
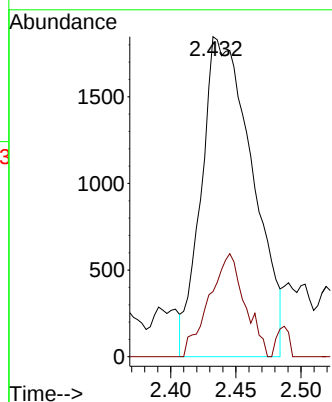


Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
74 21.7 18.8 28.2

Manual Integrations
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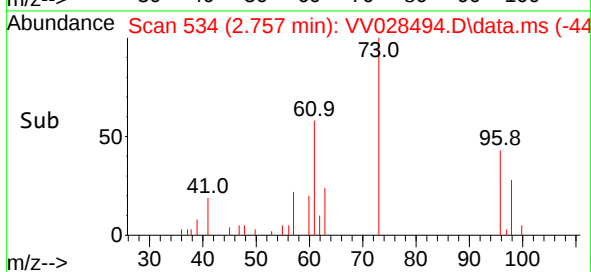
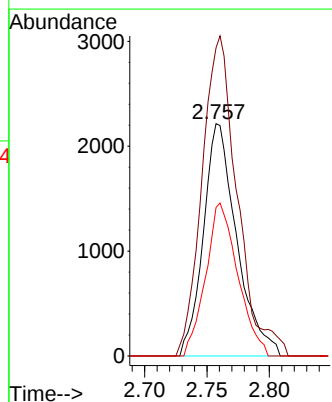
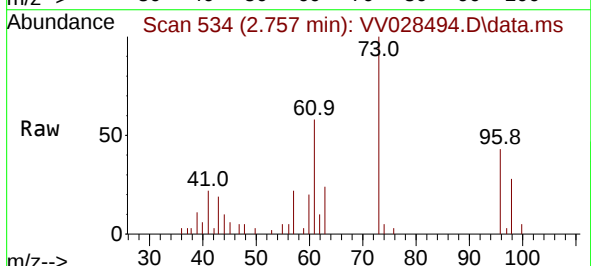
Reviewed By :Krupa
Patel
10/11/2022

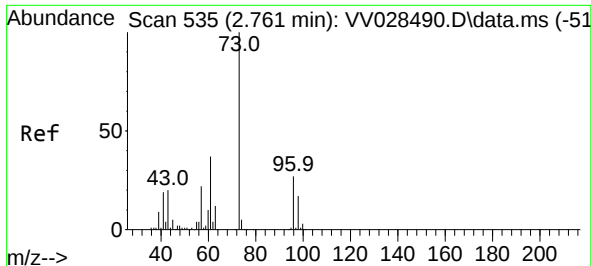
Supervised By :Mahesh
Dadoda
10/11/2022



#17
trans-1,2-Dichloroethene
Concen: 1.866 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

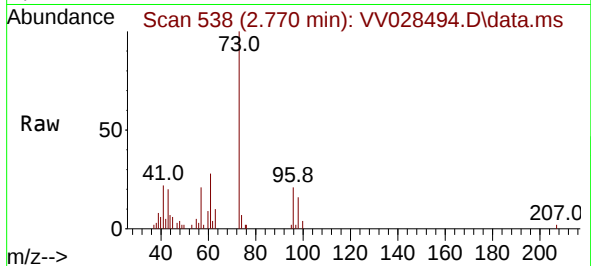
Tgt Ion: 96 Resp: 4132
Ion Ratio Lower Upper
96 100
61 132.6 104.8 194.6
98 63.9 44.5 82.7





#18
Methyl tert-butyl Ether
Concen: 1.842 ug/L
RT: 2.770 min Scan# 511
Delta R.T. 0.009 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

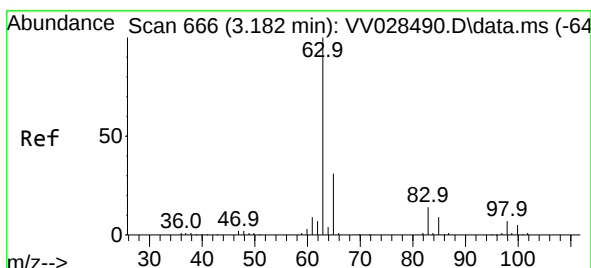
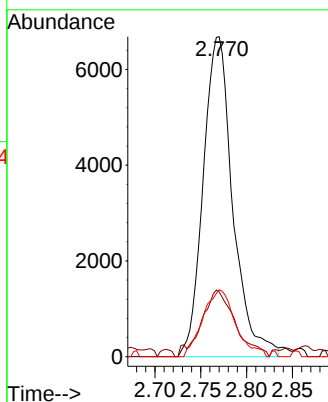
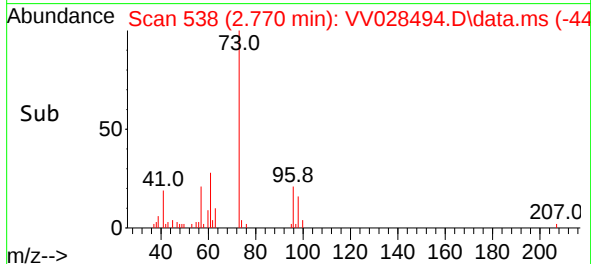


Tgt Ion: 73 Resp: 1499
Ion Ratio Lower Upper
73 100
43 22.7 15.6 23.4
57 22.1 18.2 27.4

Manual Integrations
APPROVED

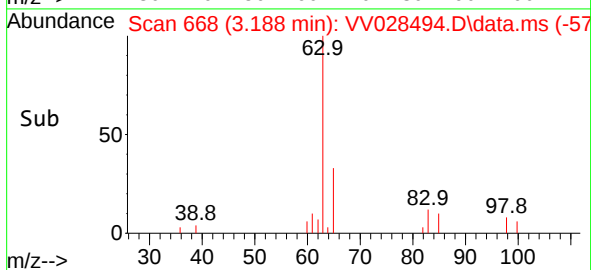
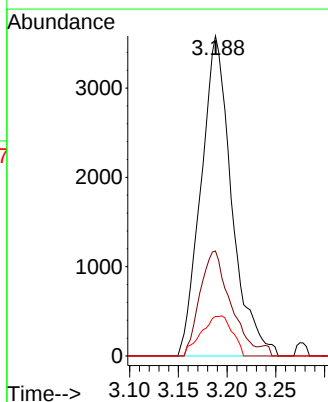
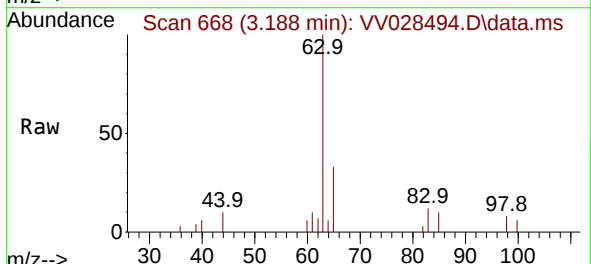
Reviewed By :Krupa
Patel
10/11/2022

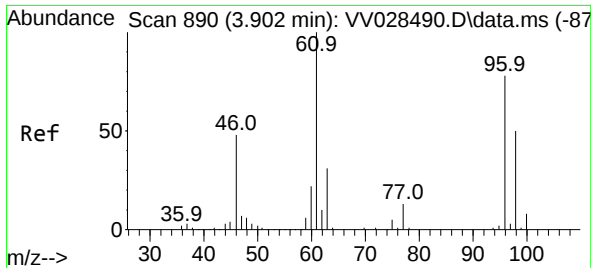
Supervised By :Mahesh
Dadoda
10/11/2022



#19
1,1-Dichloroethane
Concen: 1.732 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.006 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

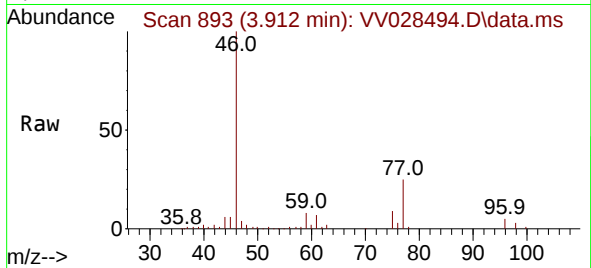
Tgt Ion: 63 Resp: 7832
Ion Ratio Lower Upper
63 100
65 32.8 22.6 42.0
83 12.4 9.2 17.0





#20
cis-1,2-Dichloroethene
Concen: 1.964 ug/L
RT: 3.912 min Scan# 890
Delta R.T. 0.009 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

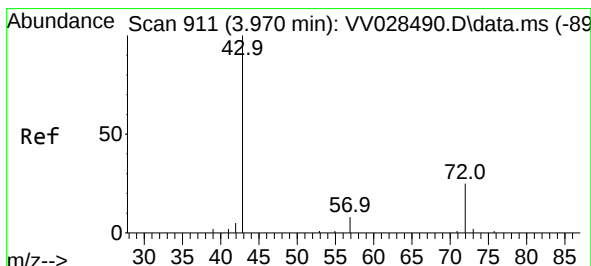
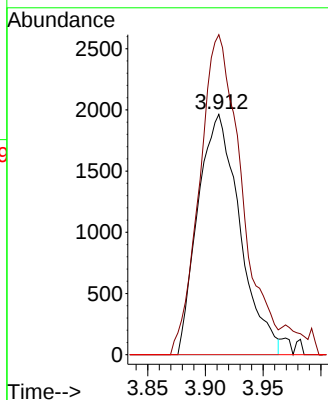
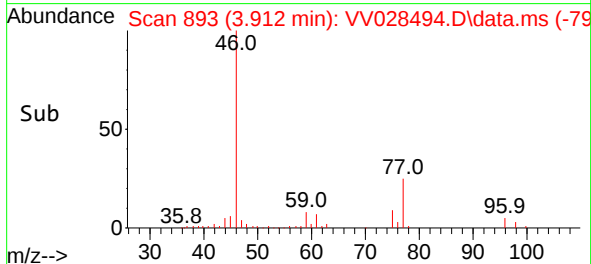


Tgt Ion: 96 Resp: 495
Ion Ratio Lower Upper
96 100
61 133.1 95.0 176.4
68 0.0 0.0 0.0

Manual Integrations
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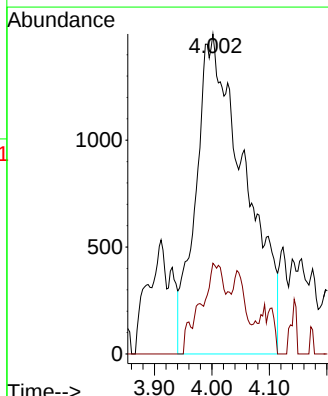
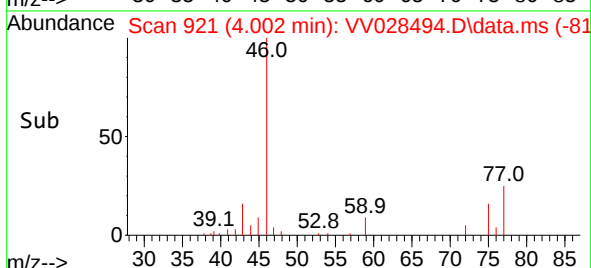
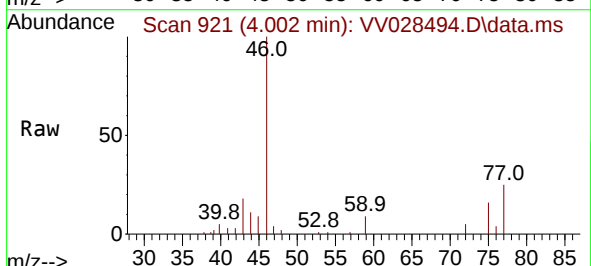
Reviewed By :Krupa
Patel
10/11/2022

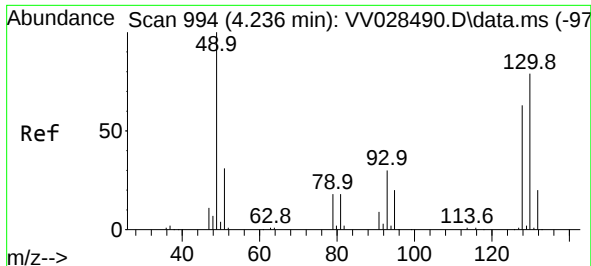
Supervised By :Mahesh
Dadoda
10/11/2022



#22
2-Butanone
Concen: 3.955 ug/L m
RT: 4.002 min Scan# 921
Delta R.T. 0.032 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

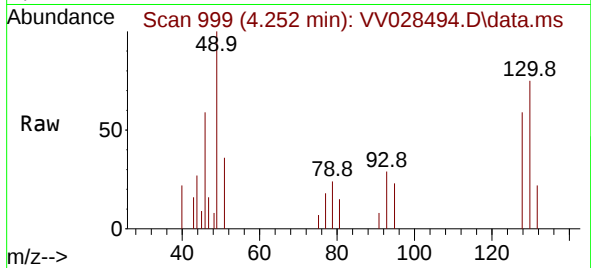
Tgt Ion: 43 Resp: 8854
Ion Ratio Lower Upper
43 100
72 1.4 11.1 33.1#





#23
Bromochloromethane
Concen: 1.680 ug/L
RT: 4.252 min Scan# 994
Delta R.T. 0.016 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

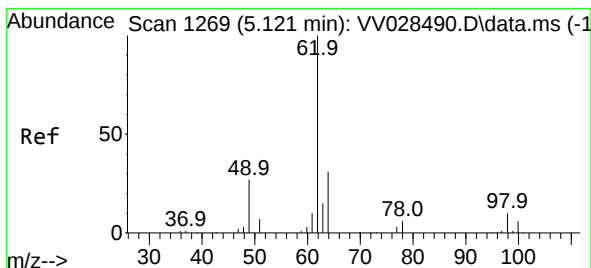
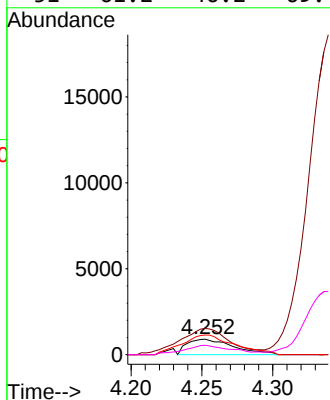
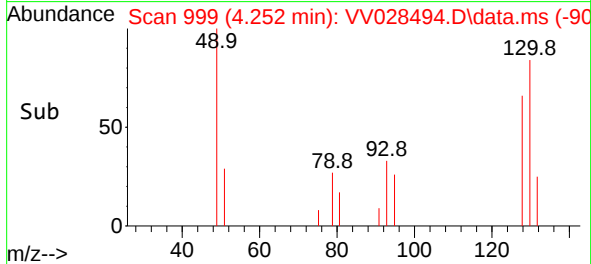


Tgt Ion:128 Resp: 2060
Ion Ratio Lower Upper
128 100
49 170.1 130.6 242.6
130 127.1 90.0 167.2
51 61.2 46.2 69.4

Manual Integrations
APPROVED

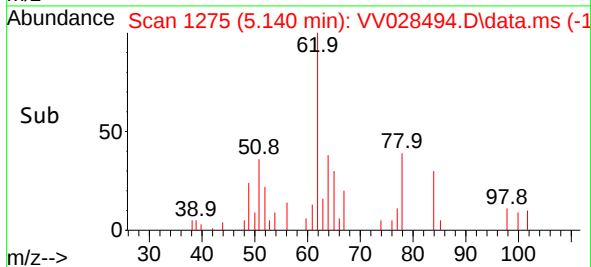
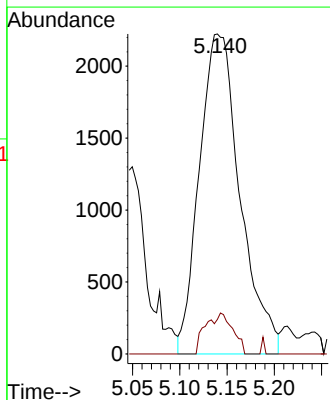
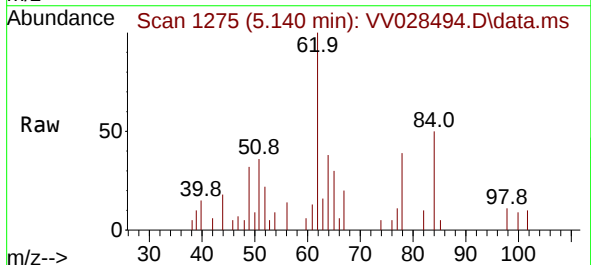
Reviewed By :Krupa
Patel
10/11/2022

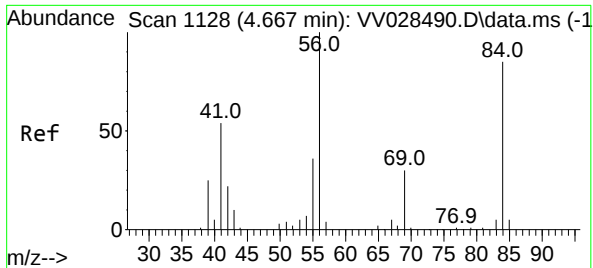
Supervised By :Mahesh
Dadoda
10/11/2022



#27
1,2-Dichloroethane
Concen: 1.969 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.019 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Tgt Ion: 62 Resp: 6662
Ion Ratio Lower Upper
62 100
98 10.8 7.6 11.4





#29

Cyclohexane

Concen: 1.693 ug/L

RT: 4.674 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VV028494.D

Acq: 10 Oct 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

Tgt Ion: 56	Resp: 7088
Ion Ratio	Lower Upper
56 100	
69 33.4	23.0 34.6
84 84.9	65.8 98.8

Manual Integrations
APPROVED

Reviewed By :Krupa

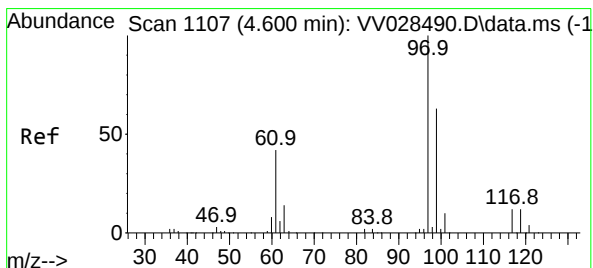
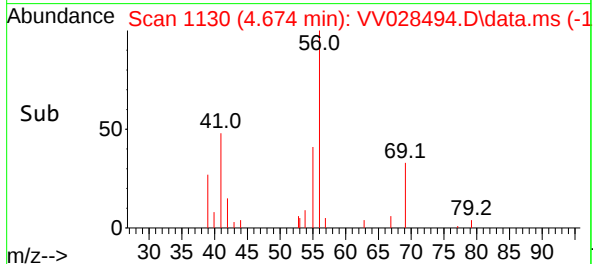
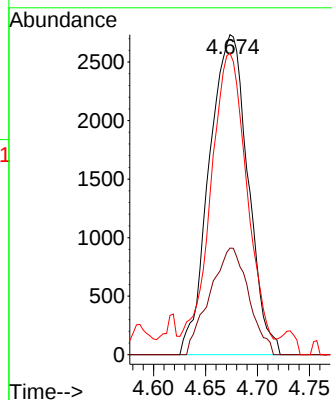
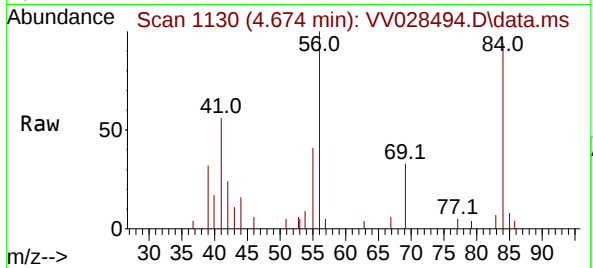
Patel

10/11/2022

Supervised By :Mahesh

Dadoda

10/11/2022



#30

1,1,1-Trichloroethane

Concen: 1.957 ug/L

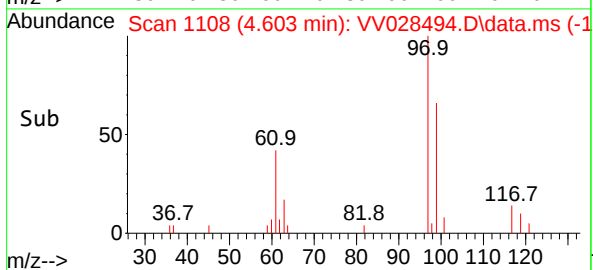
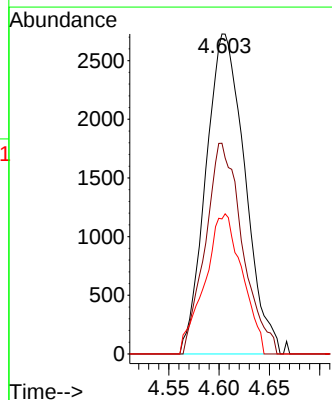
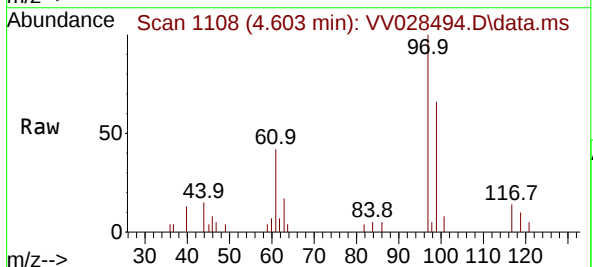
RT: 4.603 min Scan# 1108

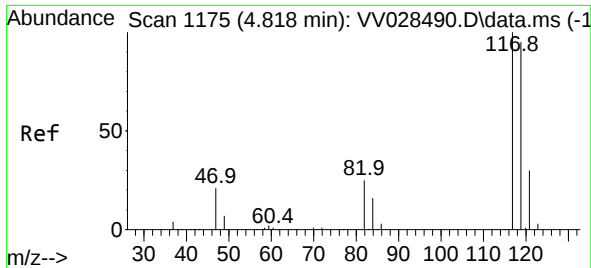
Delta R.T. 0.003 min

Lab File: VV028494.D

Acq: 10 Oct 2022 11:13

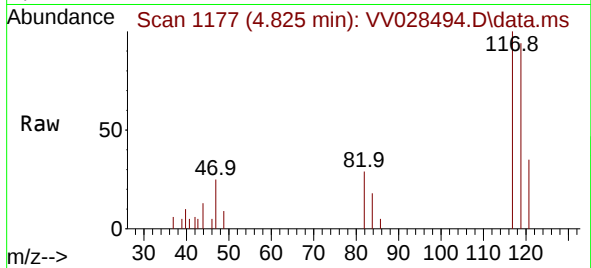
Tgt Ion: 97	Resp: 7358
Ion Ratio	Lower Upper
97 100	
99 62.5	50.2 75.2
61 42.1	35.8 53.6





#31
Carbon tetrachloride
Concen: 2.038 ug/L
RT: 4.825 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

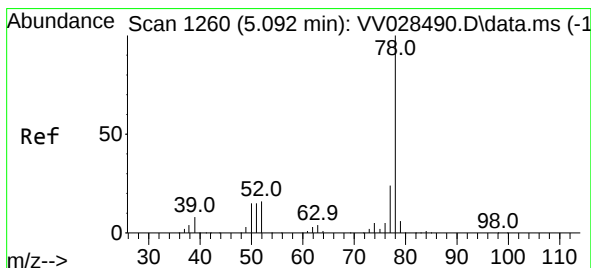
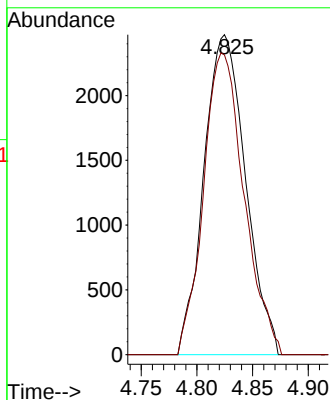
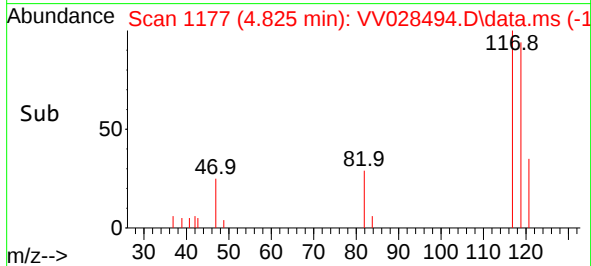


Tgt Ion:117 Resp: 6414
Ion Ratio Lower Upper
117 100
119 91.9 78.0 117.0

Manual Integrations
APPROVED

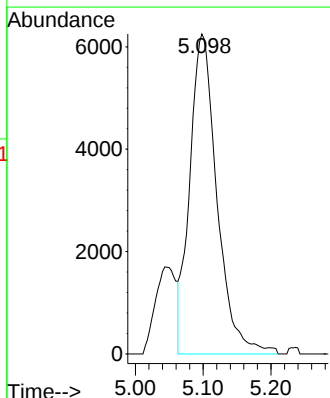
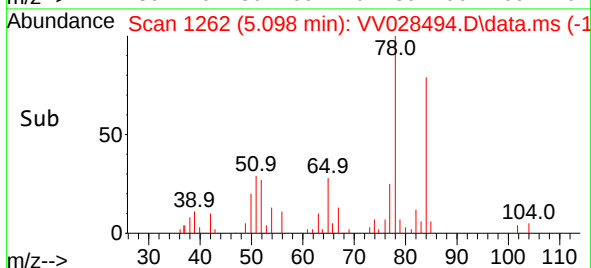
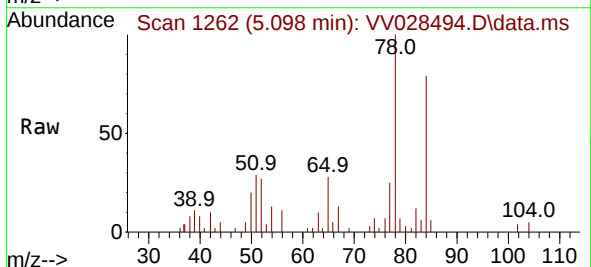
Reviewed By :Krupa
Patel
10/11/2022

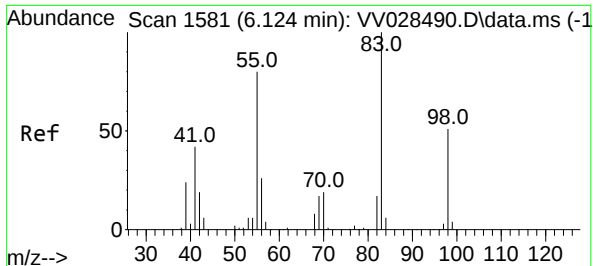
Supervised By :Mahesh
Dadoda
10/11/2022



#33
Benzene
Concen: 1.826 ug/L m
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Tgt Ion: 78 Resp: 17480





#35

Methylcyclohexane

Concen: 1.723 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.000 min

Lab File: VV028494.D

Acq: 10 Oct 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

Tgt Ion: 83	Resp: 711
Ion Ratio	Lower Upper
83 100	
55 80.9	63.7 95.5
98 51.8	38.2 57.2

Manual Integrations
APPROVED

Reviewed By :Krupa

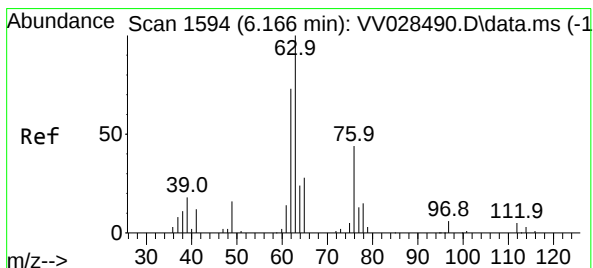
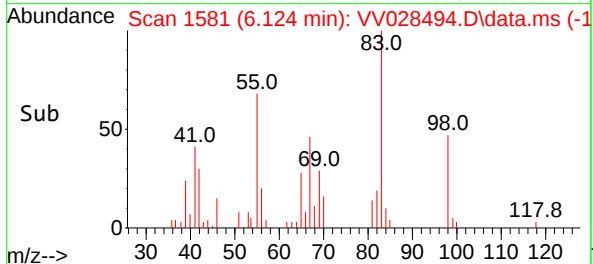
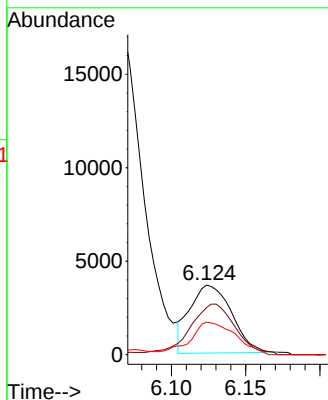
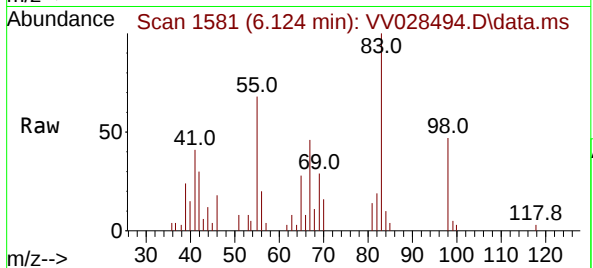
Patel

10/11/2022

Supervised By :Mahesh

Dadoda

10/11/2022



#37

1,2-Dichloropropane

Concen: 1.922 ug/L m

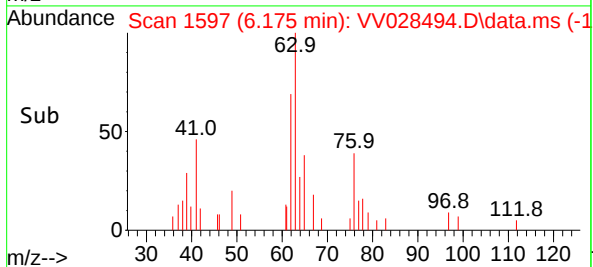
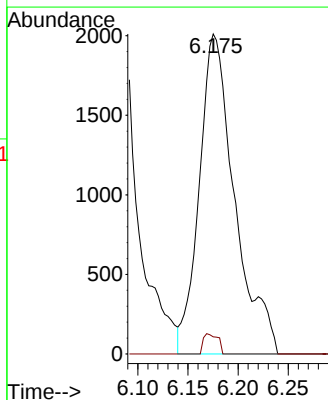
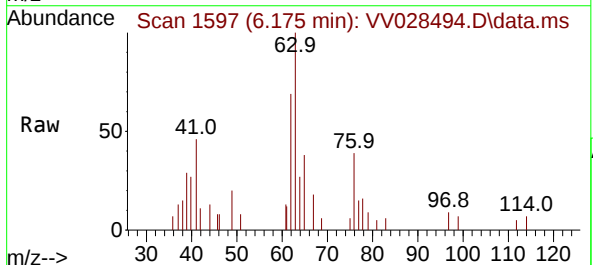
RT: 6.175 min Scan# 1597

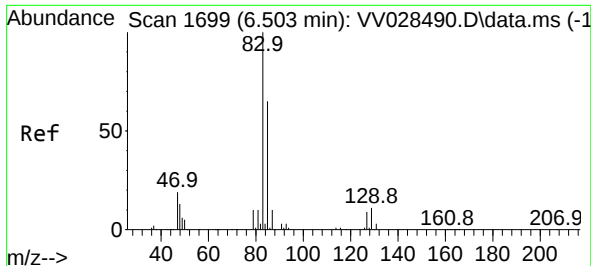
Delta R.T. 0.009 min

Lab File: VV028494.D

Acq: 10 Oct 2022 11:13

Tgt Ion: 63	Resp: 4934
Ion Ratio	Lower Upper
63 100	
112 2.2	3.5 5.3#





#38
Bromodichloromethane
Concen: 1.803 ug/L
RT: 6.509 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

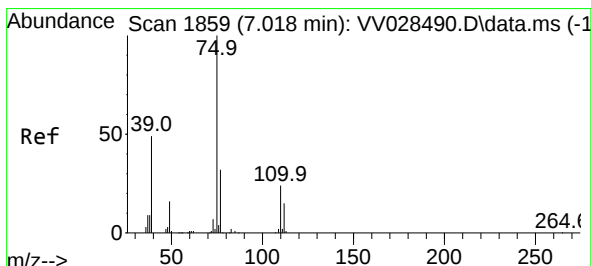
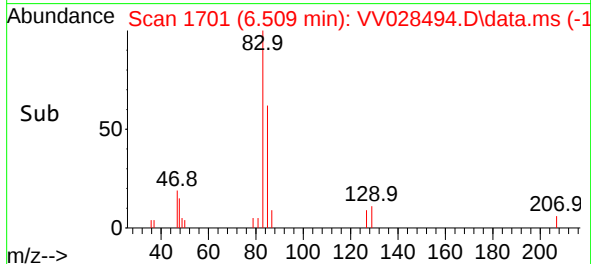
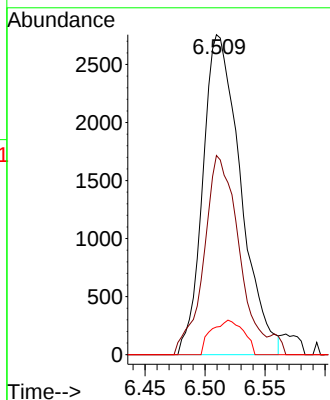
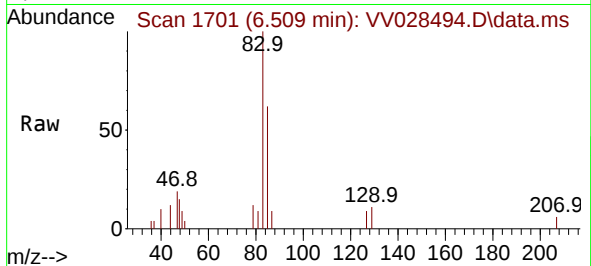
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

Tgt Ion: 83 Resp: 6030
Ion Ratio Lower Upper
83 100
85 62.2 45.1 83.7
127 8.6 7.0 10.4

Manual Integrations
APPROVED

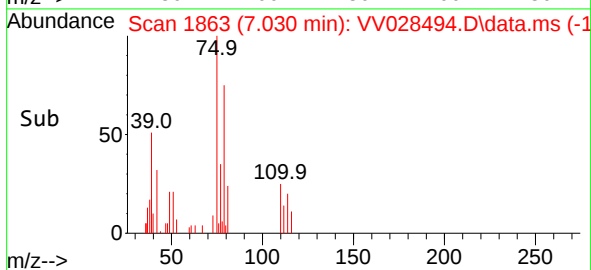
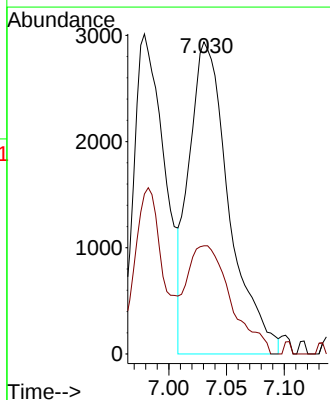
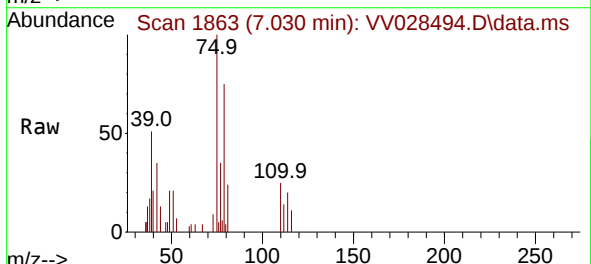
Reviewed By :Krupa
Patel
10/11/2022

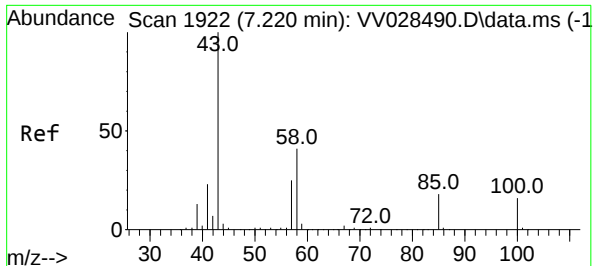
Supervised By :Mahesh
Dadoda
10/11/2022



#39
cis-1,3-Dichloropropene
Concen: 1.732 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.013 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Tgt Ion: 75 Resp: 7070
Ion Ratio Lower Upper
75 100
77 34.6 23.2 43.0





#40

4-Methyl-2-pentanone

Concen: 3.001 ug/L

RT: 7.233 min Scan# 1922

Delta R.T. 0.013 min

Lab File: VV028494.D

Acq: 10 Oct 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

Tgt Ion: 43	Resp: 1313
Ion Ratio	Lower Upper
43	100
58	40.6 31.3 46.9
100	15.8 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Krupa

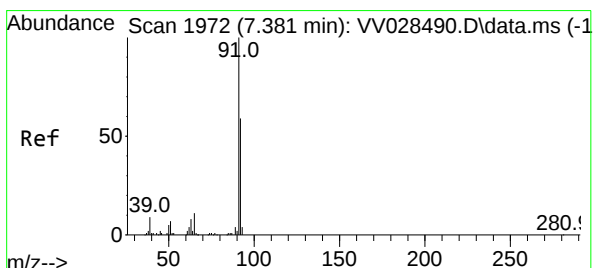
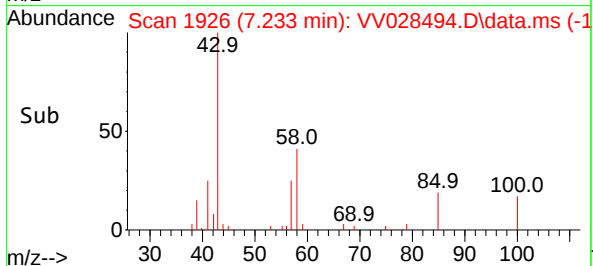
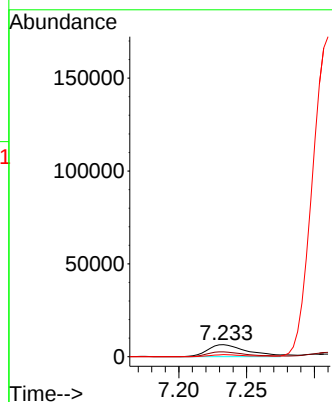
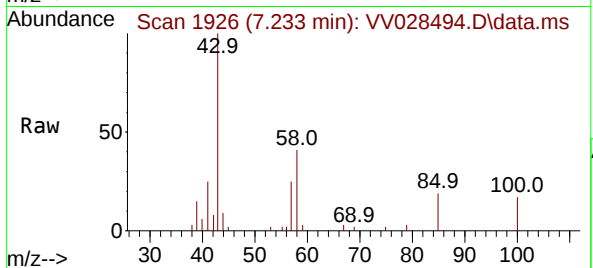
Patel

10/11/2022

Supervised By :Mahesh

Dadoda

10/11/2022



#42

Toluene

Concen: 1.802 ug/L

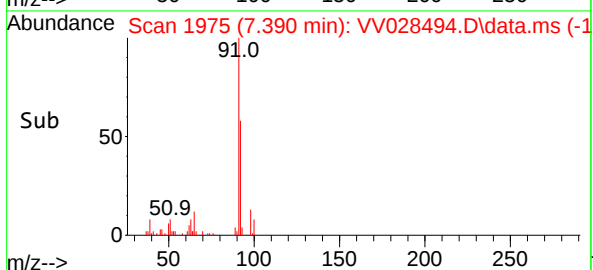
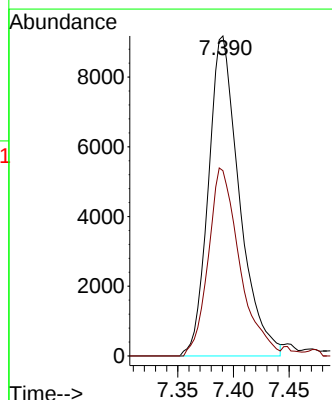
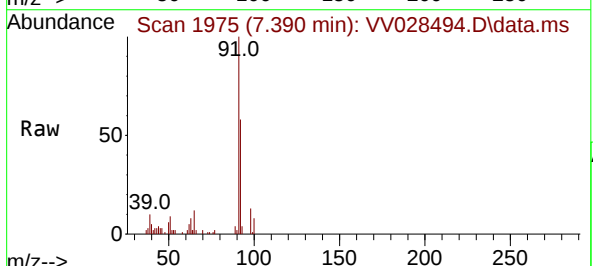
RT: 7.390 min Scan# 1975

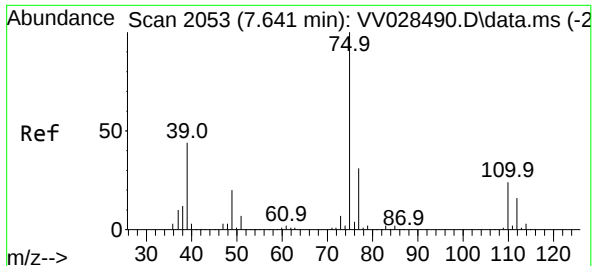
Delta R.T. 0.009 min

Lab File: VV028494.D

Acq: 10 Oct 2022 11:13

Tgt Ion: 91	Resp: 17784
Ion Ratio	Lower Upper
91	100
92	57.9 40.9 76.0





#44
trans-1,3-Dichloropropene
Concen: 1.681 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.016 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

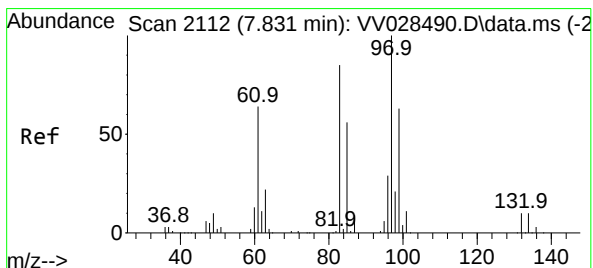
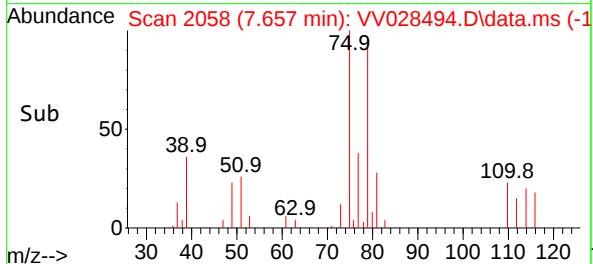
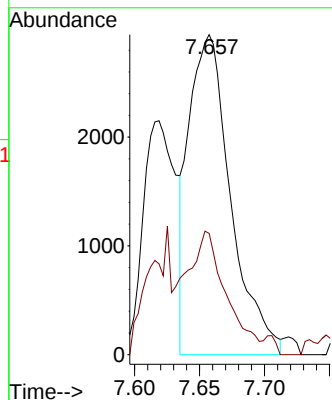
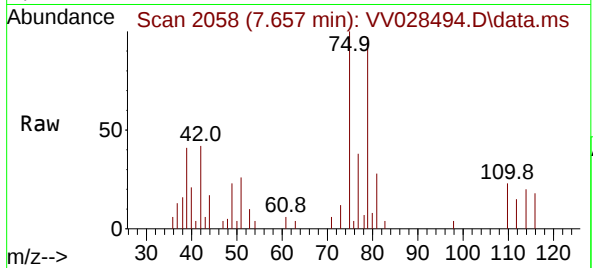
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

Tgt Ion: 75 Resp: 658
Ion Ratio Lower Upper
75 100
77 37.9 21.8 40.4

Manual Integrations
APPROVED

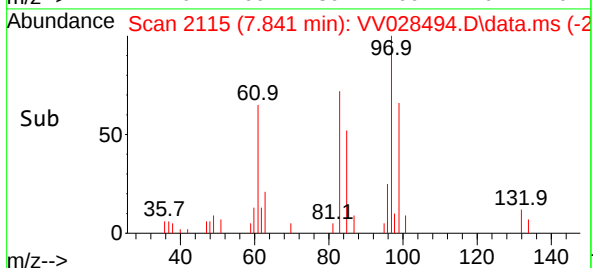
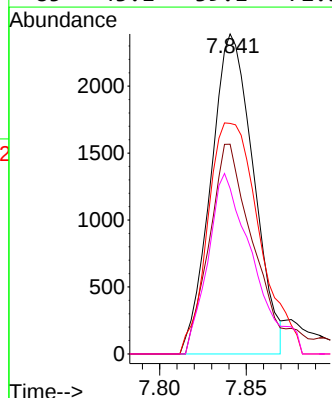
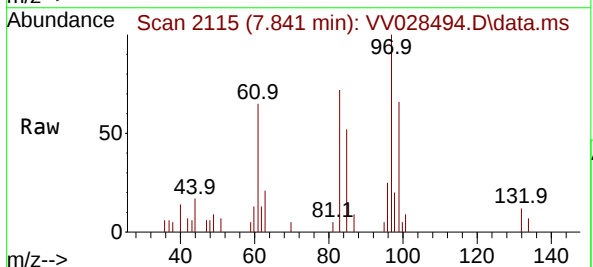
Reviewed By :Krupa
Patel
10/11/2022

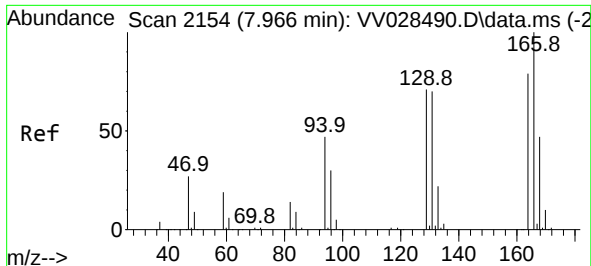
Supervised By :Mahesh
Dadoda
10/11/2022



#45
1,1,2-Trichloroethane
Concen: 1.722 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.009 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

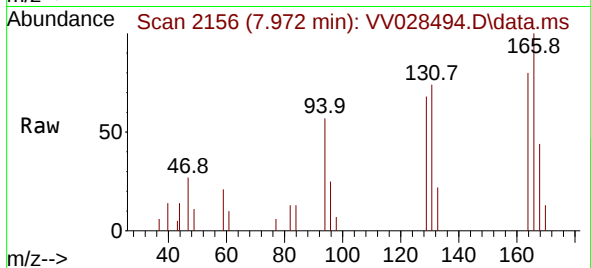
Tgt Ion: 97 Resp: 4094
Ion Ratio Lower Upper
97 100
99 54.6 43.9 81.5
83 60.0 61.9 114.9#
85 43.1 39.1 72.5





#46
Tetrachloroethene
Concen: 1.828 ug/L
RT: 7.972 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

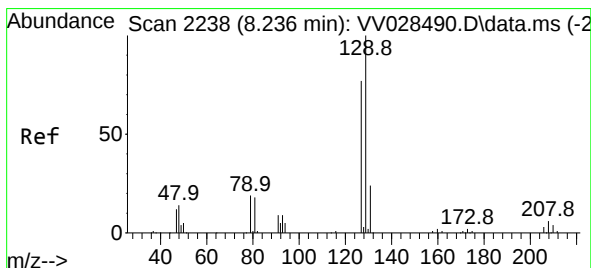
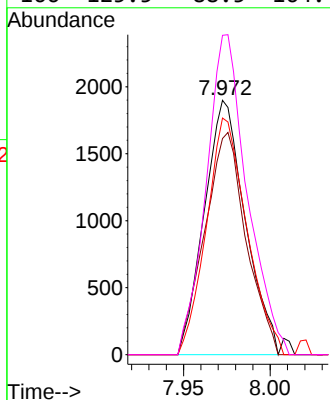


Tgt Ion:164 Resp: 3120
Ion Ratio Lower Upper
164 100
129 85.0 67.4 125.2
131 93.0 65.2 121.2
166 125.5 88.5 164.4

Manual Integrations
APPROVED

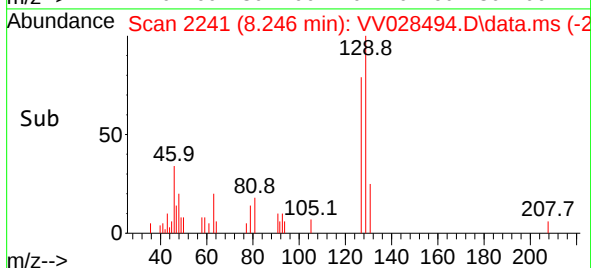
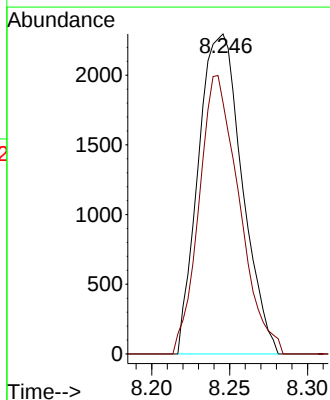
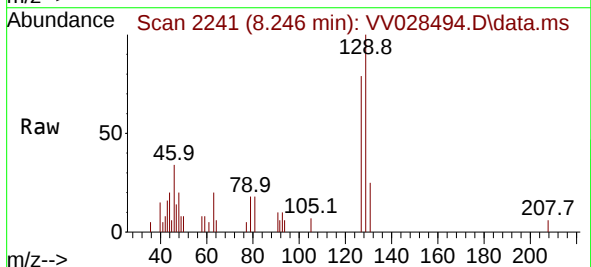
Reviewed By :Krupa
Patel
10/11/2022

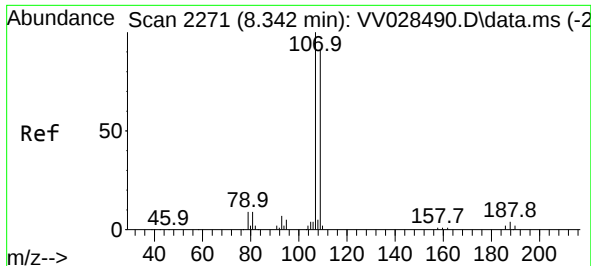
Supervised By :Mahesh
Dadoda
10/11/2022



#49
Dibromochloromethane
Concen: 1.754 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.009 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Tgt Ion:129 Resp: 4482
Ion Ratio Lower Upper
129 100
127 78.6 53.6 99.6





#50

1,2-Dibromoethane

Concen: 1.870 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV028494.D

Acq: 10 Oct 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

Tgt Ion:107 Resp: 4604

Ion	Ratio	Lower	Upper
107	100		
109	99.3	65.9	122.5
188	0.0	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Krupa

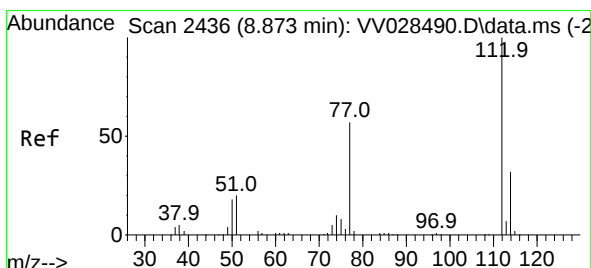
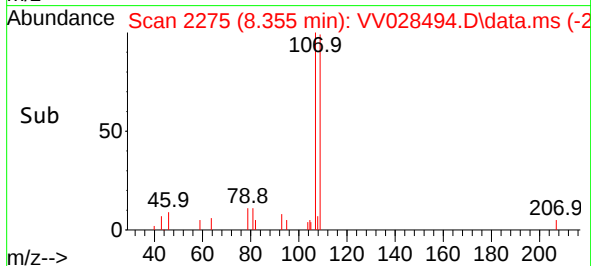
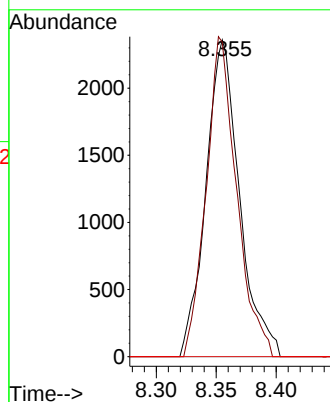
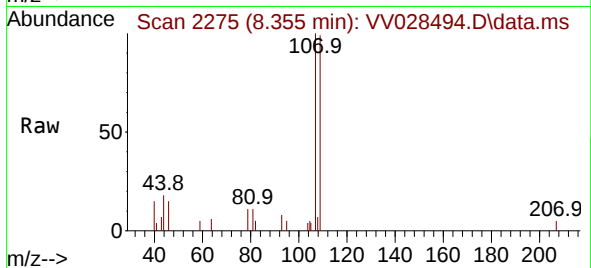
Patel

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Supervised By :Mahesh

Dadoda

10/11/2022



#51

Chlorobenzene

Concen: 1.920 ug/L

RT: 8.879 min Scan# 2438

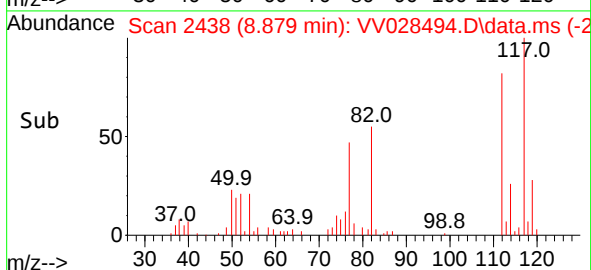
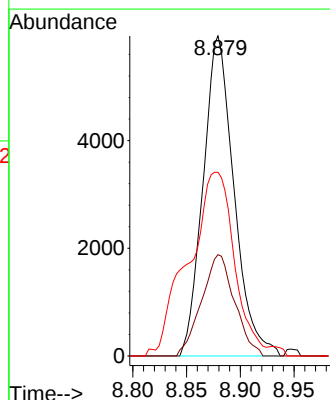
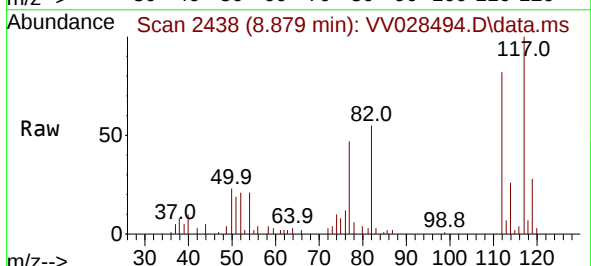
Delta R.T. 0.006 min

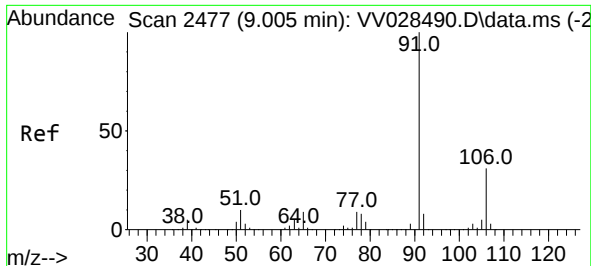
Lab File: VV028494.D

Acq: 10 Oct 2022 11:13

Tgt Ion:112 Resp: 11886

Ion	Ratio	Lower	Upper
112	100		
114	31.7	21.7	40.3
77	57.4	48.7	73.1





#52
Ethylbenzene
Concen: 1.807 ug/L
RT: 9.011 min Scan# 2477
Delta R.T. 0.006 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

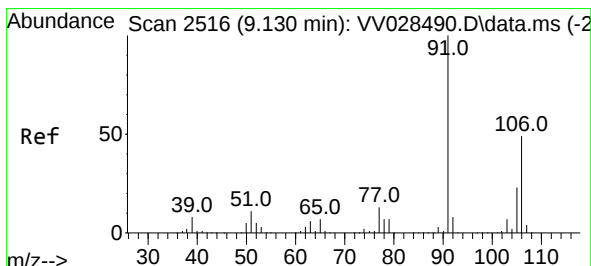
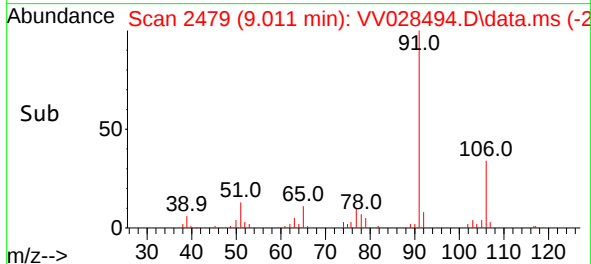
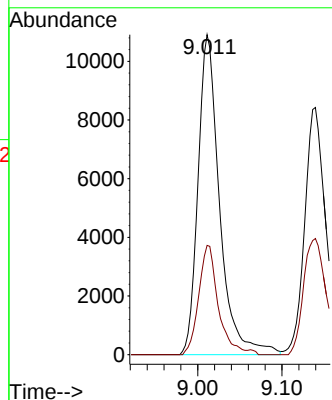
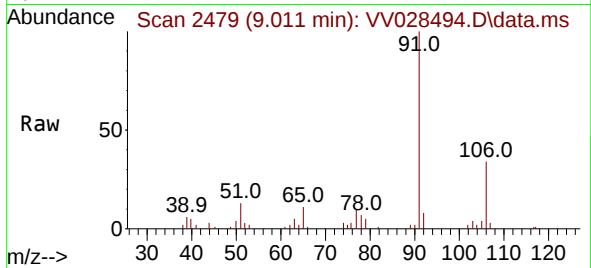
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

Tgt Ion: 91 Resp: 19430
Ion Ratio Lower Upper
91 100
106 34.2 21.4 39.8

Manual Integrations
APPROVED

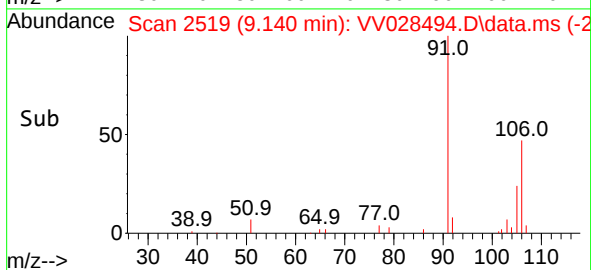
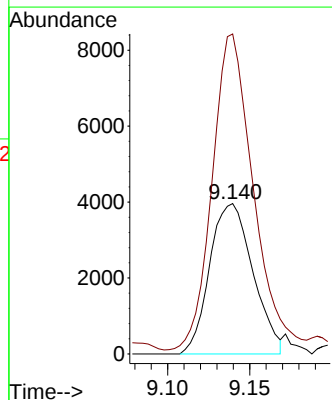
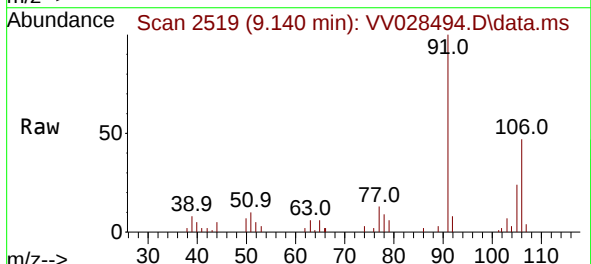
Reviewed By :Krupa
Patel
10/11/2022

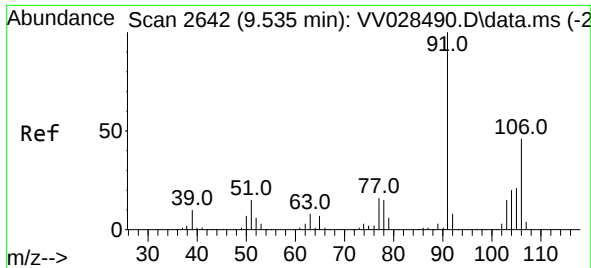
Supervised By :Mahesh
Dadoda
10/11/2022



#53
m,p-Xylene
Concen: 1.779 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.009 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Tgt Ion:106 Resp: 7254
Ion Ratio Lower Upper
106 100
91 212.8 145.2 269.6





#54
o-Xylene
Concen: 1.818 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.006 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

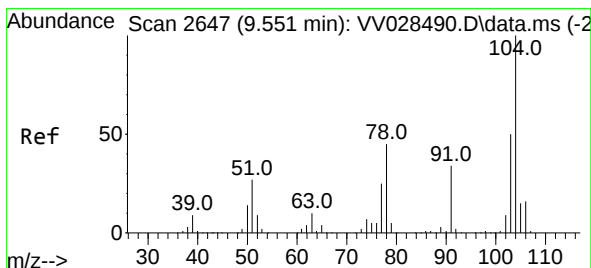
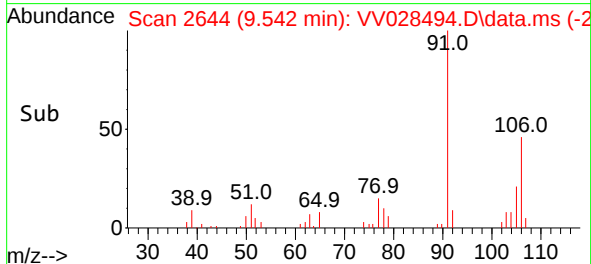
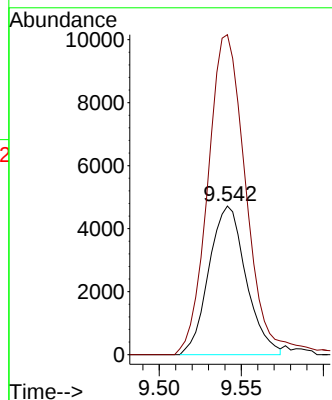
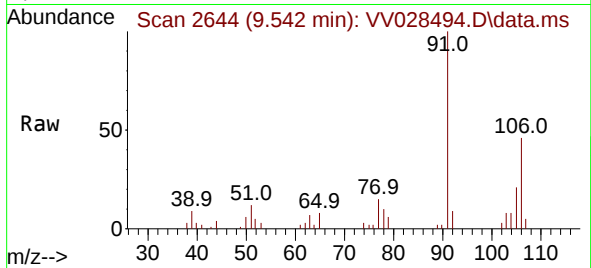
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2022-07

Tgt Ion:106 Resp: 7419
Ion Ratio Lower Upper
106 100
91 215.3 152.5 283.3

Manual Integrations
APPROVED

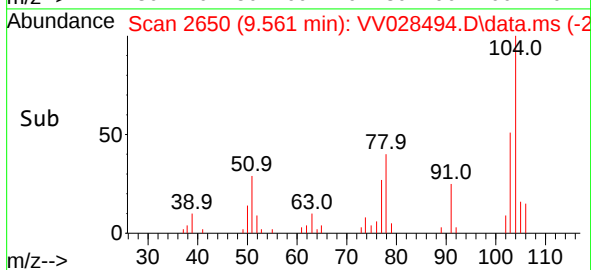
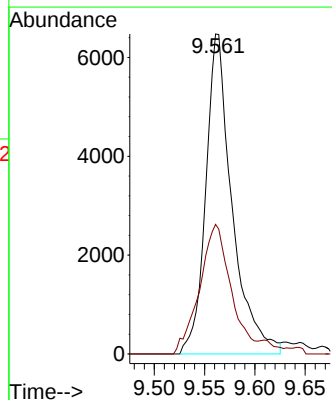
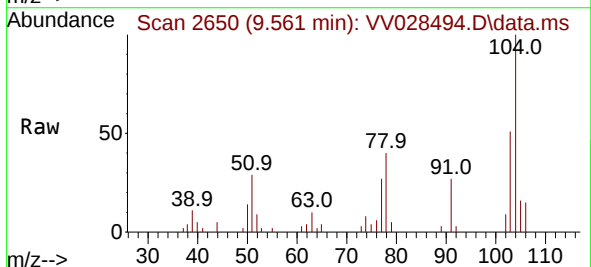
Reviewed By :Krupa
Patel
10/11/2022

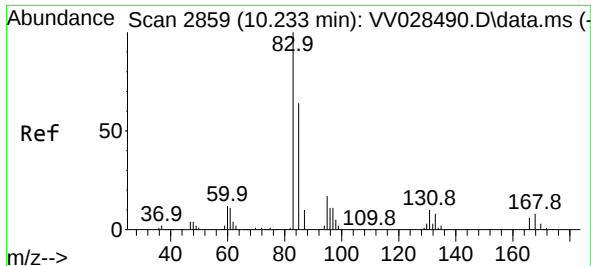
Supervised By :Mahesh
Dadoda
10/11/2022



#55
Styrene
Concen: 1.684 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.009 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Tgt Ion:104 Resp: 11802
Ion Ratio Lower Upper
104 100
78 40.5 31.9 59.2





#57
1,1,2,2-Tetrachloroethane
Concen: 1.954 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

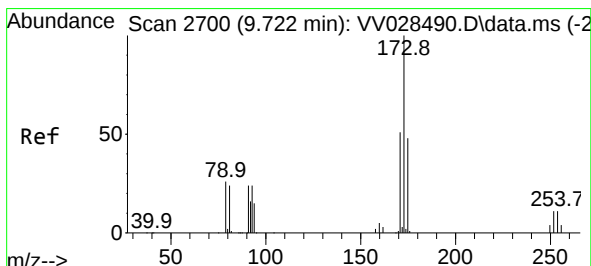
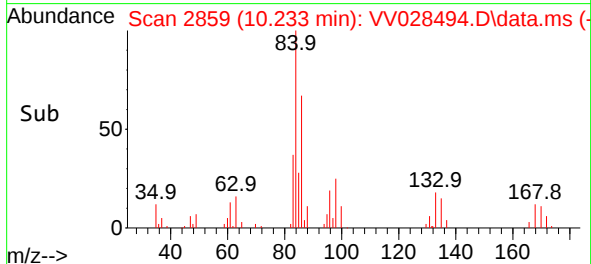
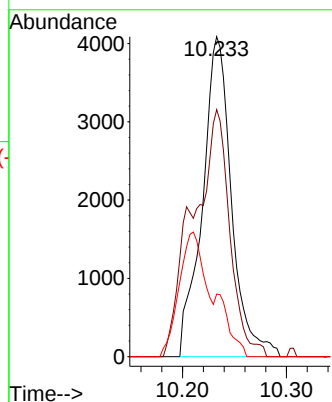
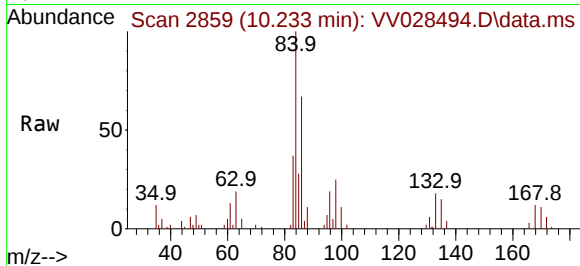
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

Tgt Ion: 83 Resp: 7954
Ion Ratio Lower Upper
83 100
85 77.2 44.8 83.2
131 19.5 7.2 10.8

Manual Integrations
APPROVED

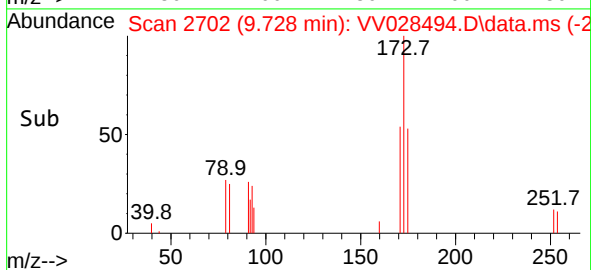
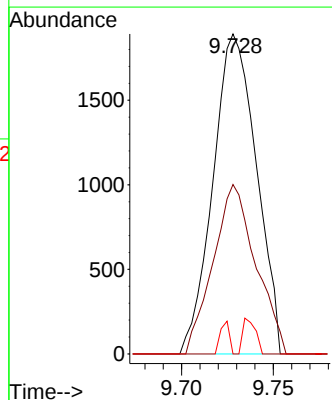
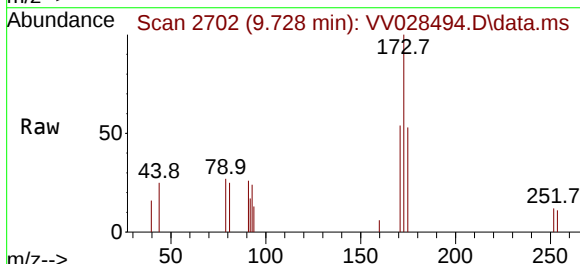
Reviewed By :Krupa
Patel
10/11/2022

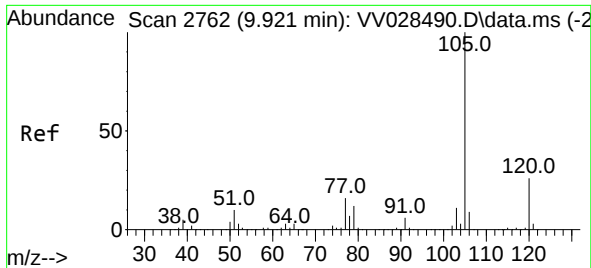
Supervised By :Mahesh
Dadoda
10/11/2022



#59
Bromoform
Concen: 1.700 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.006 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Tgt Ion:173 Resp: 3108
Ion Ratio Lower Upper
173 100
175 52.1 38.6 57.8
254 2.1 8.4 12.6





#60
Isopropylbenzene
Concen: 1.808 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

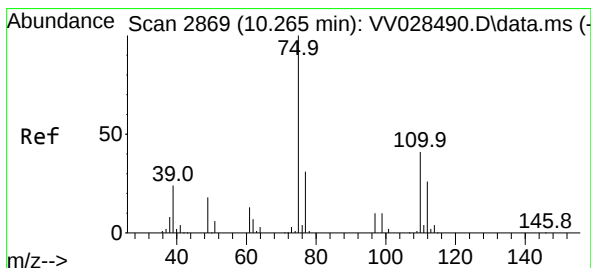
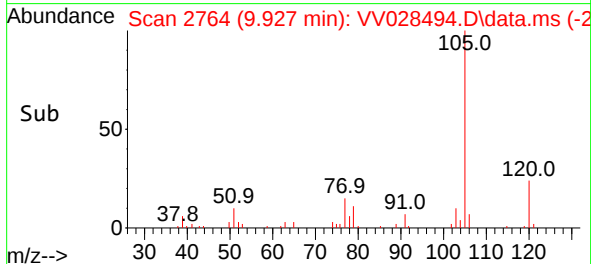
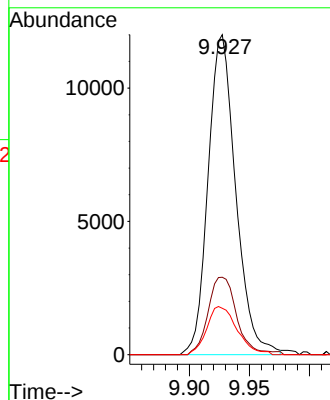
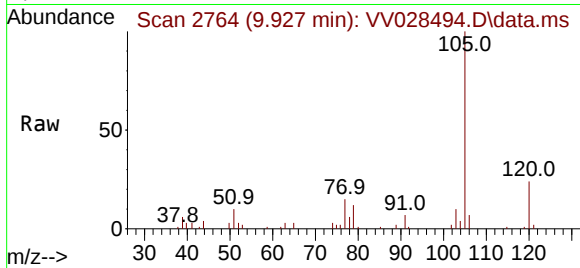
Tgt Ion:105 Resp: 19230

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.5	30.7
77	16.4	12.7	19.1

Manual Integrations
APPROVED

Reviewed By :Krupa
Patel
10/11/2022

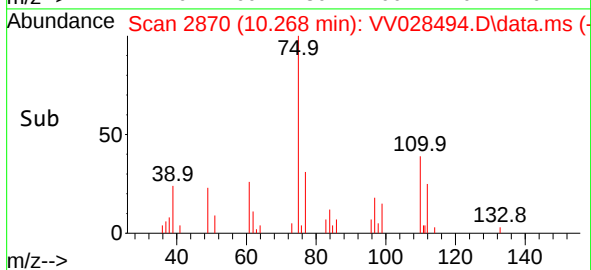
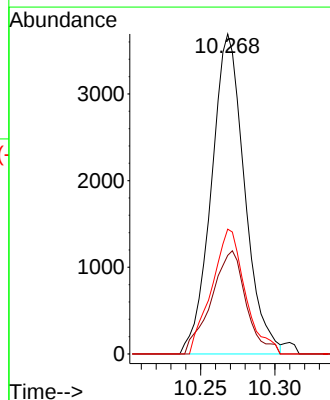
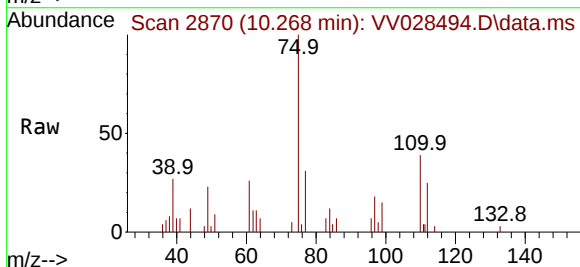
Supervised By :Mahesh
Dadoda
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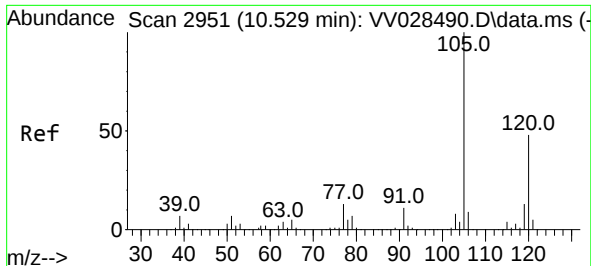


#61
1,2,3-Trichloropropane
Concen: 1.823 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Tgt Ion: 75 Resp: 5728

Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.7	38.5
110	39.4	30.0	45.0





#62

1,3,5-Trimethylbenzene

Concen: 1.810 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV028494.D

Acq: 10 Oct 2022 11:13

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2022-07

Tgt Ion:105 Resp: 1667

Ion Ratio Lower Upper

105 100

120 48.9 39.1 58.7

Manual Integrations

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Reviewed By :Krupa

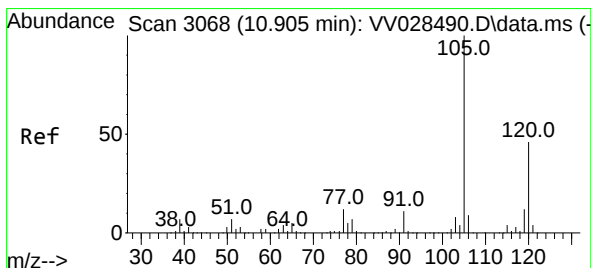
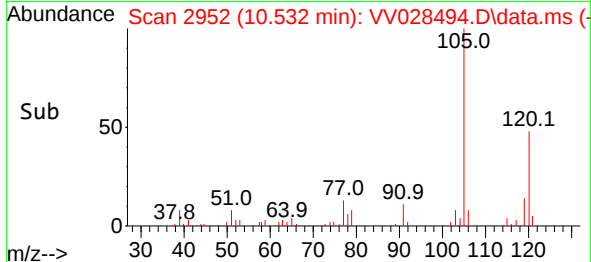
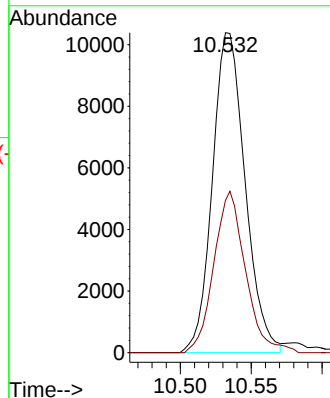
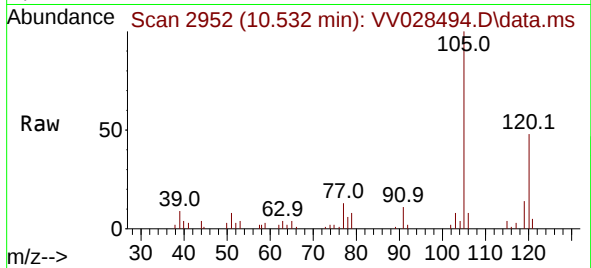
Patel

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Supervised By :Mahesh

Dadoda

10/11/2022



#63

1,2,4-Trimethylbenzene

Concen: 1.756 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.006 min

Lab File: VV028494.D

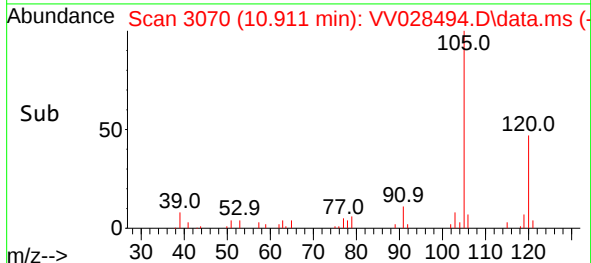
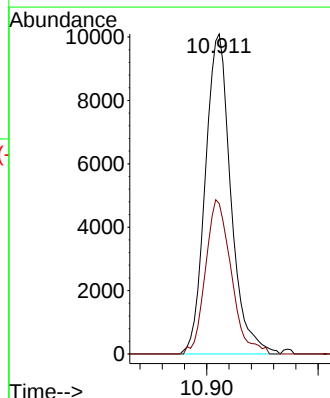
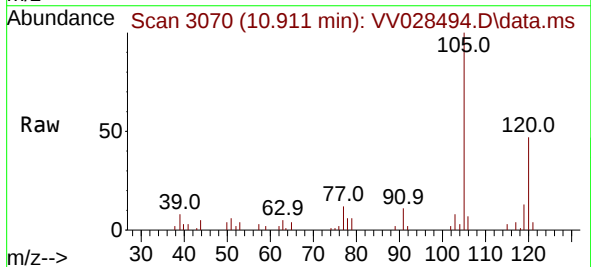
Acq: 10 Oct 2022 11:13

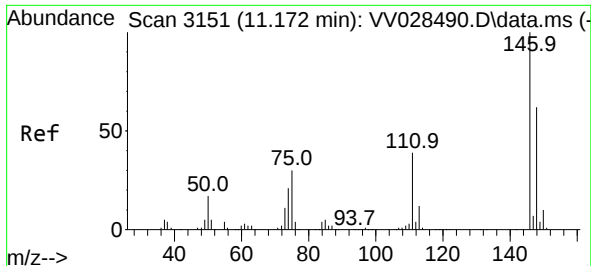
Tgt Ion:105 Resp: 16059

Ion Ratio Lower Upper

105 100

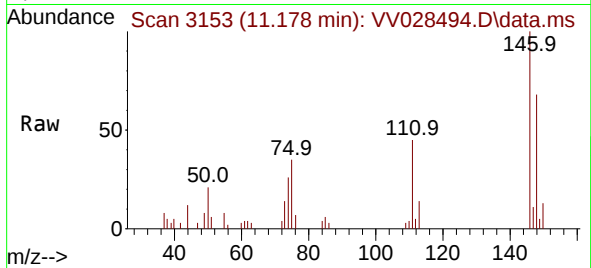
120 48.6 35.9 53.9





#64
1,3-Dichlorobenzene
Concen: 1.760 ug/L
RT: 11.178 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

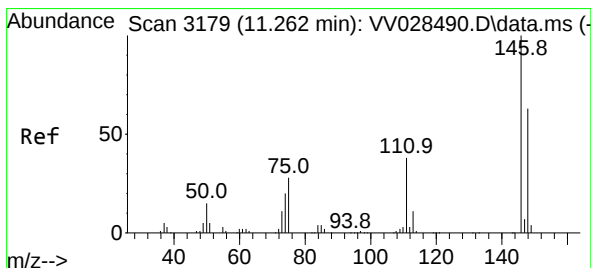
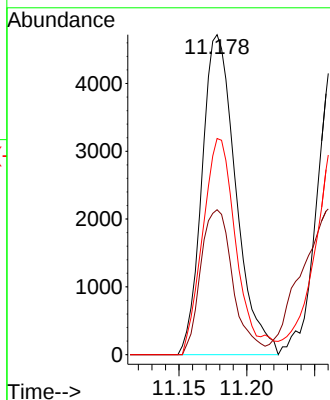


Tgt Ion:146 Resp: 8189
Ion Ratio Lower Upper
146 100
111 45.3 29.0 53.9
148 67.5 44.6 82.8

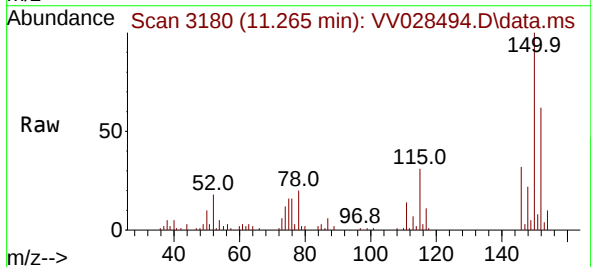
Manual Integrations
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Reviewed By :Krupa
Patel
10/11/2022

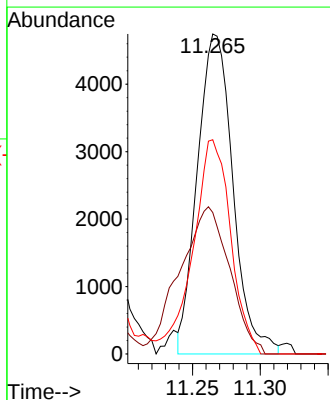
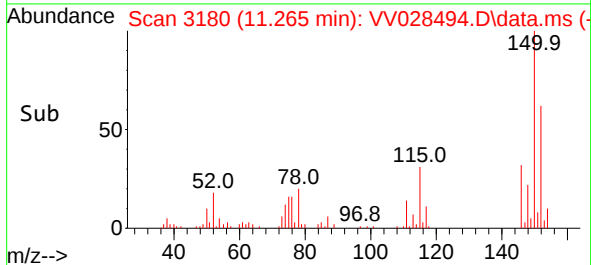
Supervised By :Mahesh
Dadoda
10/11/2022

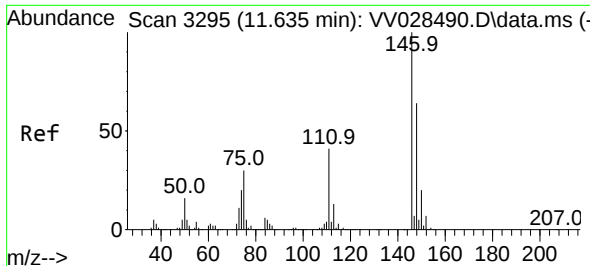


#65
1,4-Dichlorobenzene
Concen: 1.866 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13



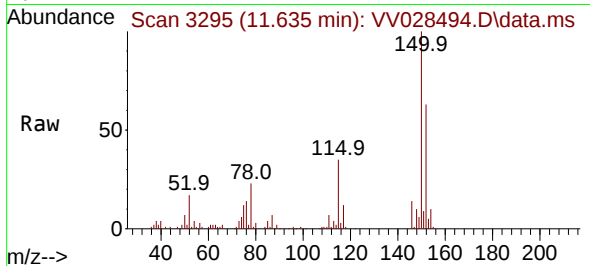
Tgt Ion:146 Resp: 8663
Ion Ratio Lower Upper
146 100
111 44.2 26.6 49.4
148 67.0 43.4 80.6





#67
1,2-Dichlorobenzene
Concen: 1.839 ug/L
RT: 11.635 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

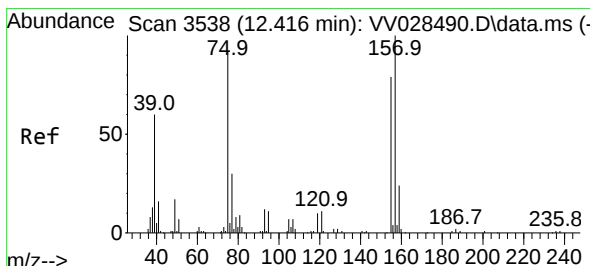
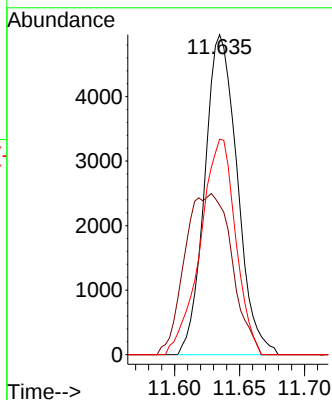
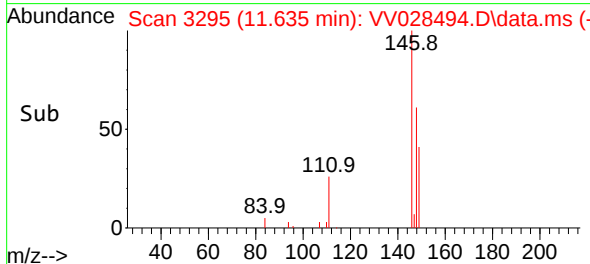


Tgt Ion:146 Resp: 863
Ion Ratio Lower Upper
146 100
111 46.7 33.9 50.9
148 67.3 50.6 75.8

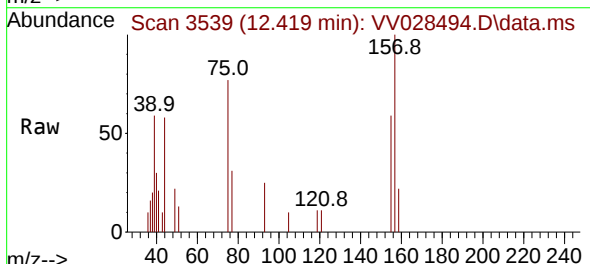
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Reviewed By :Krupa
Patel
10/11/2022

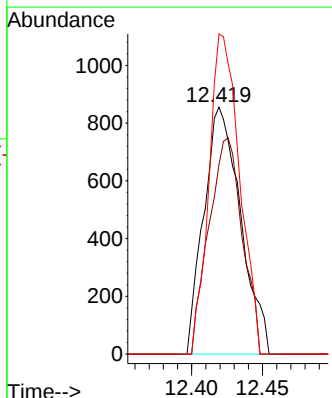
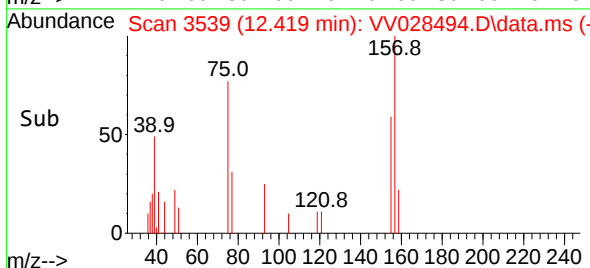
Supervised By :Mahesh
Dadoda
10/11/2022

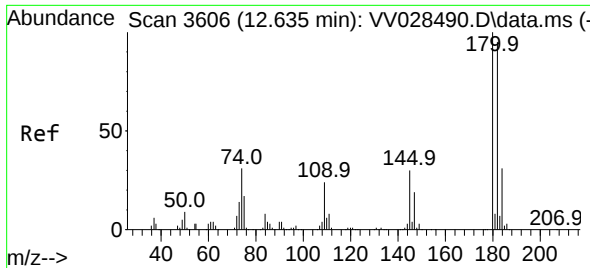


#68
1,2-Dibromo-3-chloropropane
Concen: 1.608 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13



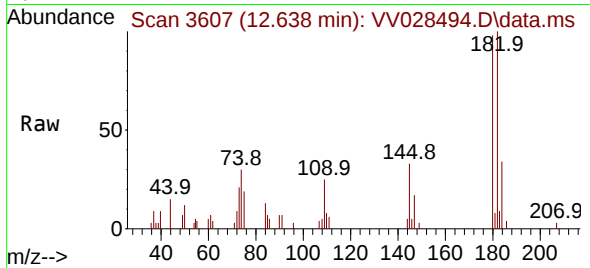
Tgt Ion: 75 Resp: 1546
Ion Ratio Lower Upper
75 100
155 76.8 65.0 97.6
157 129.7 86.0 129.0#





#69
1,3,5-Trichlorobenzene
Concen: 1.671 ug/L
RT: 12.638 min Scan# 3606
Delta R.T. 0.003 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

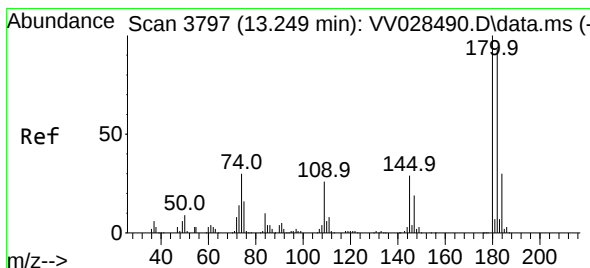
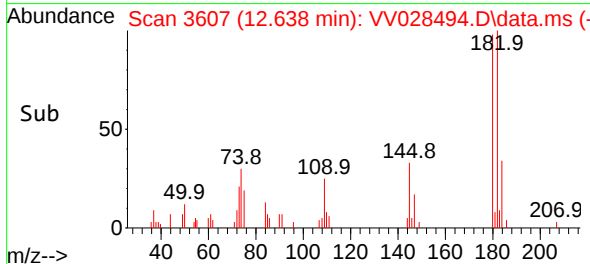
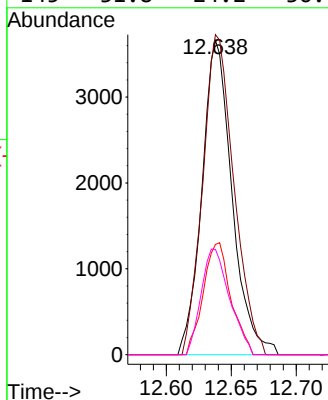


Tgt Ion:180 Resp: 5904
Ion Ratio Lower Upper
180 100
182 105.4 75.9 113.9
184 32.7 24.0 36.0
145 31.8 24.2 36.4

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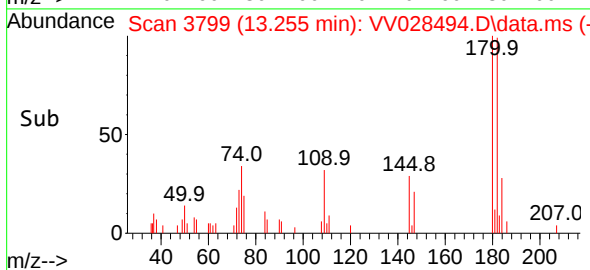
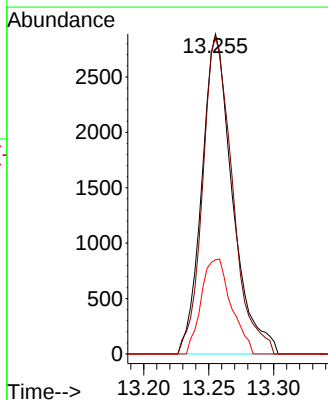
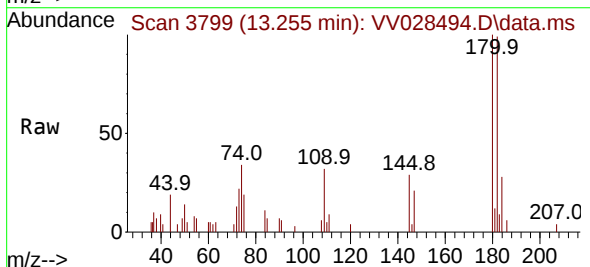
Reviewed By :Krupa
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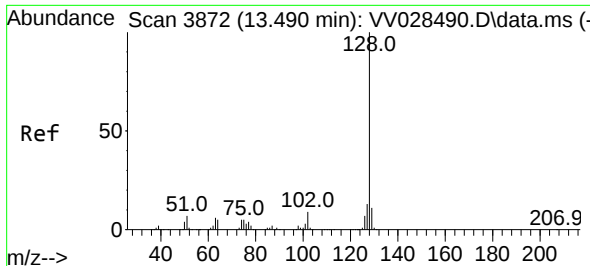
Supervised By :Mahesh
Dadoda
10/11/2022



#70
1,2,4-trichlorobenzene
Concen: 1.520 ug/L
RT: 13.255 min Scan# 3799
Delta R.T. 0.006 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

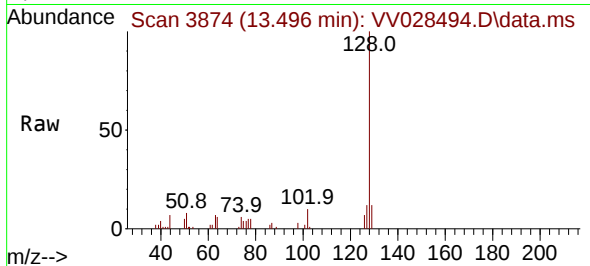
Tgt Ion:180 Resp: 4733
Ion Ratio Lower Upper
180 100
182 96.8 75.3 112.9
145 29.0 24.3 36.5





#71
Naphthalene
Concen: 1.780 ug/L
RT: 13.496 min Scan# 3872
Delta R.T. 0.006 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-07

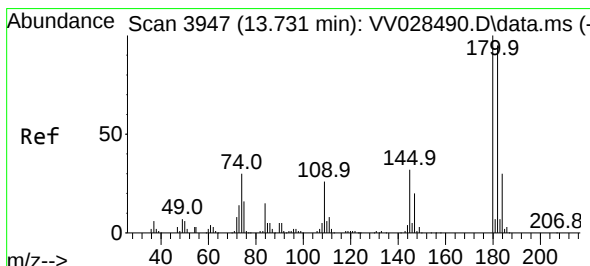
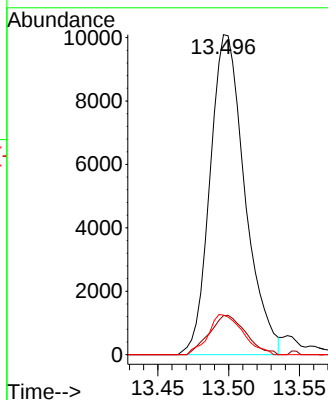
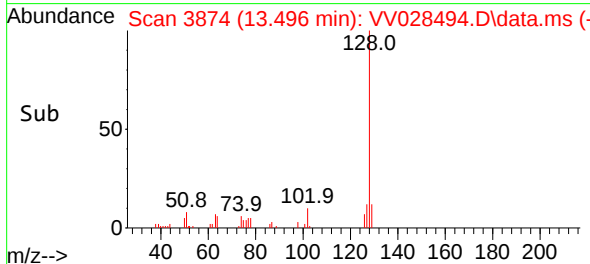


Tgt Ion:128 Resp: 17240
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 12.4 8.9 13.3

Manual Integrations
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Reviewed By :Krupa
Patel
10/11/2022

Supervised By :Mahesh
Dadoda
10/11/2022



#72
1,2,3-Trichlorobenzene
Concen: 1.692 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VV028494.D
Acq: 10 Oct 2022 11:13

Tgt Ion:180 Resp: 5138
Ion Ratio Lower Upper
180 100
182 96.0 75.4 113.0
145 37.6 26.5 39.7

