

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101122\
 Data File : VW028515.D
 Acq On : 11 Oct 2022 11:54
 Operator : SY/MD
 Sample : N4519-06
 Misc : 5.00g/5.0mL/100ul/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-08

Quant Time: Oct 12 00:39:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 12 00:26:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel

10/12/2022

Supervised By :Mahesh
 Dadoda

10/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	283666	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	257432	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	131567	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	98320	44.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.840%
7) Chloroethane-d5	1.564	69	73587	42.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.101	63	130967	35.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.320%
21) 2-Butanone-d5	3.889	46	122111	63.730	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.730%
24) Chloroform-d	4.342	84	199810	49.774	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.540%
26) 1,2-Dichloroethane-d4	5.027	65	141202	54.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.080%
32) Benzene-d6	5.043	84	417523	50.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.220%
36) 1,2-Dichloropropane-d6	6.066	67	128257	47.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.380%
41) Toluene-d8	7.310	98	382436	51.783	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.560%
43) trans-1,3-Dichloroprop...	7.616	79	69086	50.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.800%
47) 2-Hexanone-d5	8.085	63	127739	87.310	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.310%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	166002	45.105	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	139792	51.278	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	4767	2.232	ug/L	97
3) Chloromethane	1.236	50	4128	1.717	ug/L	93
5) Vinyl chloride	1.307	62	4513	1.870	ug/L #	16
6) Bromomethane	1.519	94	2143	1.948	ug/L	90
8) Chloroethane	1.577	64	3036m	2.073	ug/L	
9) Trichlorofluoromethane	1.751	101	6531	2.190	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	4144	2.452	ug/L #	84
12) 1,1-Dichloroethene	2.111	96	4260	2.568	ug/L #	1
13) Acetone	2.182	43	4468m	3.010	ug/L	
14) Carbon disulfide	2.288	76	11469	2.161	ug/L	98
15) Methyl Acetate	2.439	43	4491	1.792	ug/L #	80
17) trans-1,2-Dichloroethene	2.760	96	4097	2.117	ug/L	94
18) Methyl tert-butyl Ether	2.767	73	14792	2.079	ug/L #	93
19) 1,1-Dichloroethane	3.185	63	8034	2.032	ug/L	97
20) cis-1,2-Dichloroethene	3.908	96	4516	2.048	ug/L	95
22) 2-Butanone	3.998	43	6753m	3.451	ug/L	
23) Bromochloromethane	4.252	128	2463m	2.299	ug/L	
27) 1,2-Dichloroethane	5.140	62	6333	2.142	ug/L	99
29) Cyclohexane	4.667	56	7136m	1.927	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.600	97	7576	2.278	ug/L	98
31) Carbon tetrachloride	4.821	117	6588	2.366	ug/L	95
33) Benzene	5.101	78	17368	2.051	ug/L	100
35) Methylcyclohexane	6.130	83	7167	1.963	ug/L	96
37) 1,2-Dichloropropane	6.181	63	4490	1.978	ug/L #	92
38) Bromodichloromethane	6.513	83	6201	2.097	ug/L #	90
39) cis-1,3-Dichloropropene	7.034	75	6650m	1.842	ug/L	
40) 4-Methyl-2-pentanone	7.233	43	13147	3.396	ug/L #	95
42) Toluene	7.390	91	18623	2.134	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	7072m	2.041	ug/L	
45) 1,1,2-Trichloroethane	7.837	97	4182	1.989	ug/L	96
46) Tetrachloroethene	7.972	164	3252	2.155	ug/L	93
49) Dibromochloromethane	8.243	129	5058	2.238	ug/L	94
50) 1,2-Dibromoethane	8.349	107	4393	2.018	ug/L #	88
51) Chlorobenzene	8.876	112	11802	2.155	ug/L	98
52) Ethylbenzene	9.011	91	19872	2.089	ug/L	98
53) m,p-Xylene	9.140	106	7511	2.083	ug/L	100
54) o-Xylene	9.538	106	7479	2.072	ug/L	93
55) Styrene	9.564	104	12195	1.967	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.233	83	7261	2.017	ug/L #	90
59) Bromoform	9.731	173	3023	1.855	ug/L #	93
60) Isopropylbenzene	9.927	105	20310	2.142	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	5609	2.003	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	16750	2.040	ug/L	96
63) 1,2,4-Trimethylbenzene	10.908	105	16461	2.020	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	8745	2.109	ug/L	95
65) 1,4-Dichlorobenzene	11.265	146	9469	2.289	ug/L	94
67) 1,2-Dichlorobenzene	11.635	146	9247	2.209	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	1790	2.088	ug/L #	78
69) 1,3,5-Trichlorobenzene	12.638	180	6339	2.013	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	5050	1.819	ug/L	100
71) Naphthalene	13.496	128	14083	1.631	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	5109	1.888	ug/L	93

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

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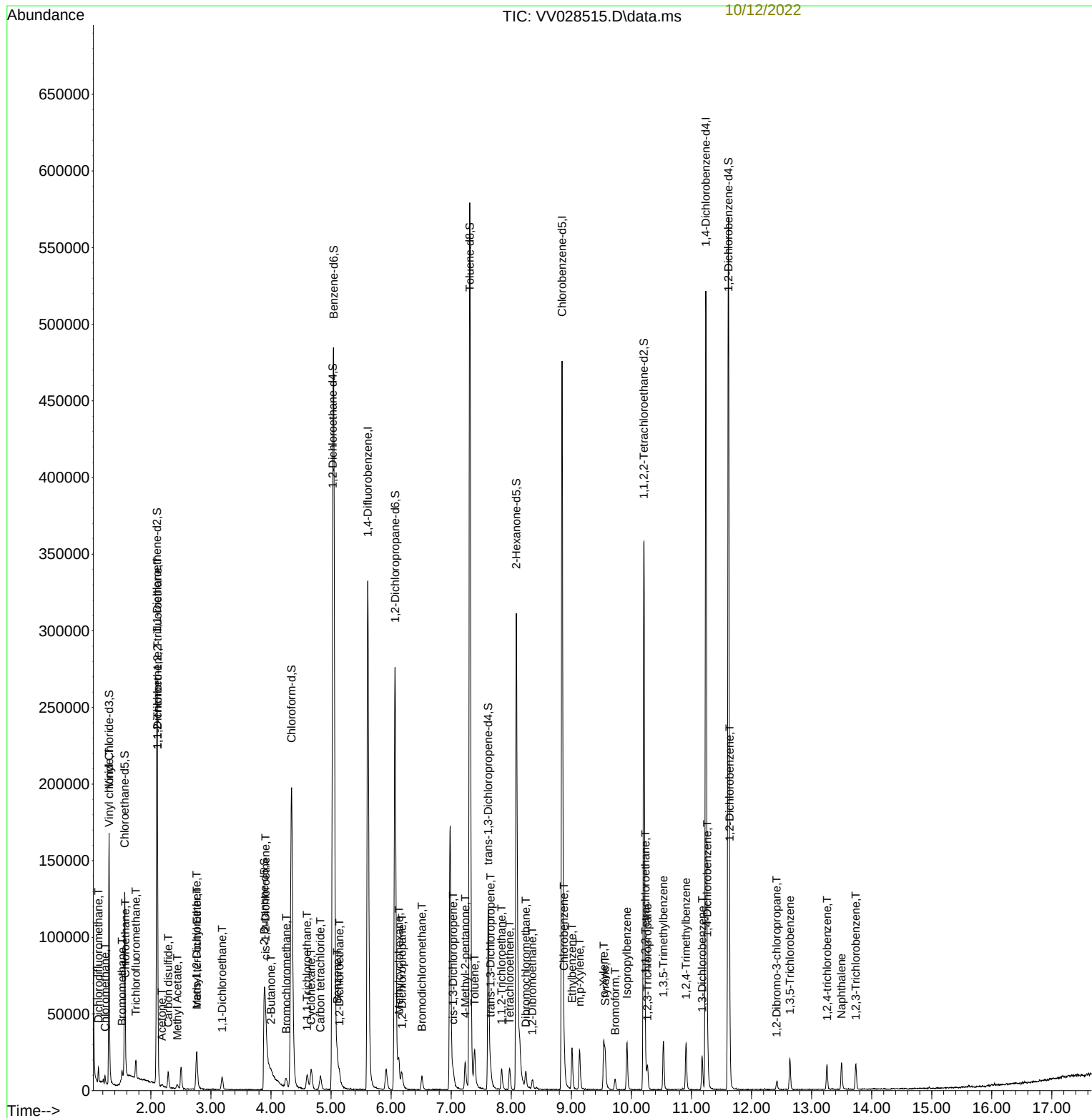
Manual Integrations APPROVED

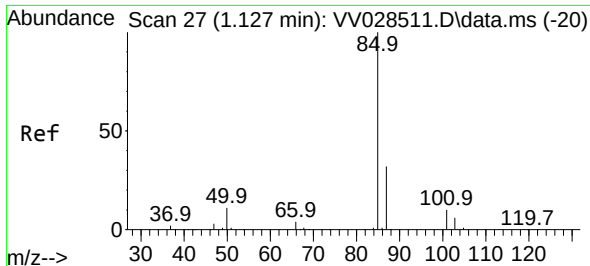
Reviewed By :Krupa
 Patel

10/12/2022

Supervised By :Mahesh
 Dadoda

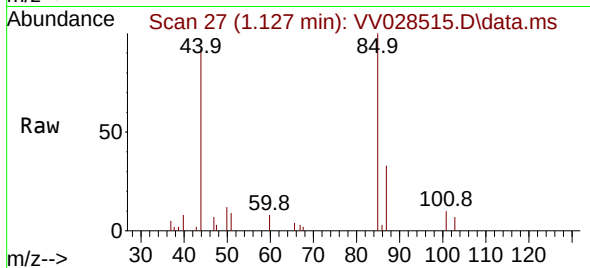
10/12/2022





#2
Dichlorodifluoromethane
Concen: 2.232 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

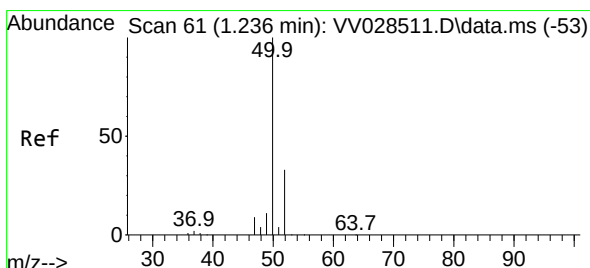
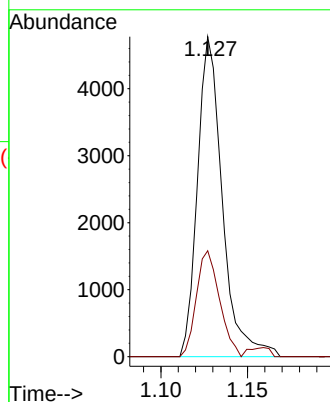
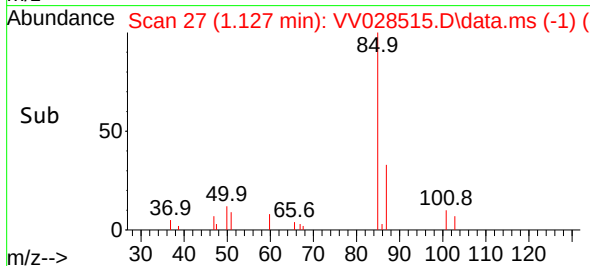


Tgt Ion: 85 Resp: 476
Ion Ratio Lower Upper
85 100
87 30.8 25.9 38.9

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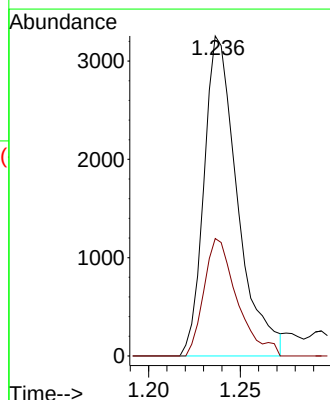
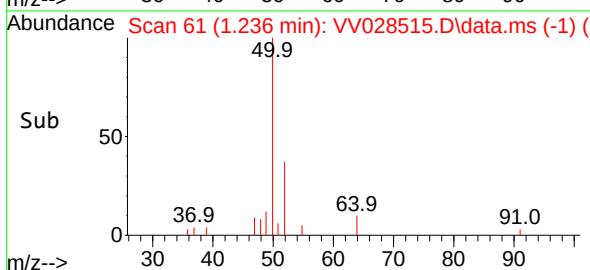
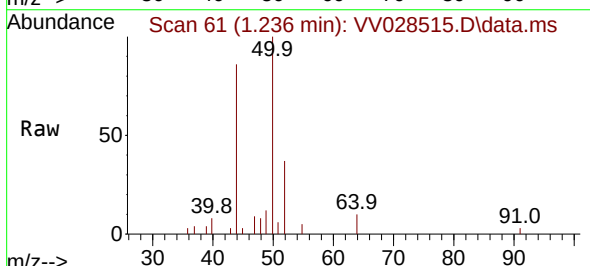
Reviewed By :Krupa
Patel
10/12/2022

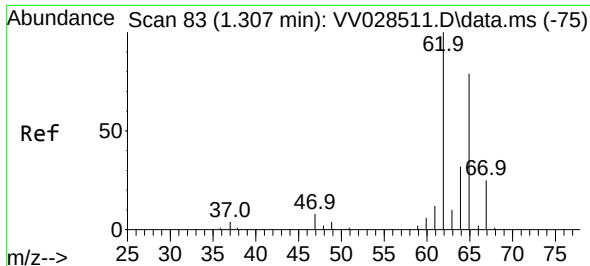
Supervised By :Mahesh
Dadoda
10/12/2022



#3
Chloromethane
Concen: 1.717 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

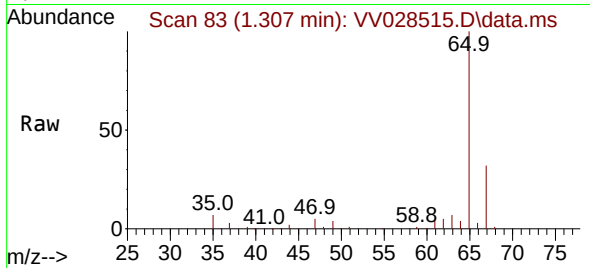
Tgt Ion: 50 Resp: 4128
Ion Ratio Lower Upper
50 100
52 36.7 22.7 42.3





#5
 Vinyl chloride
 Concen: 1.870 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV028515.D
 Acq: 11 Oct 2022 11:54

Instrument : MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-08

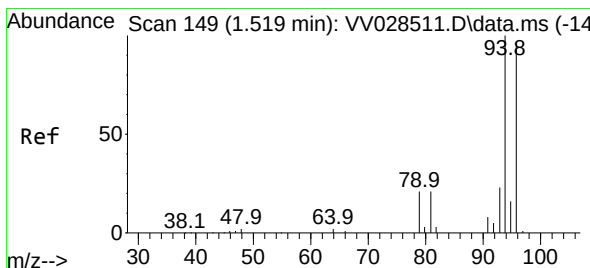
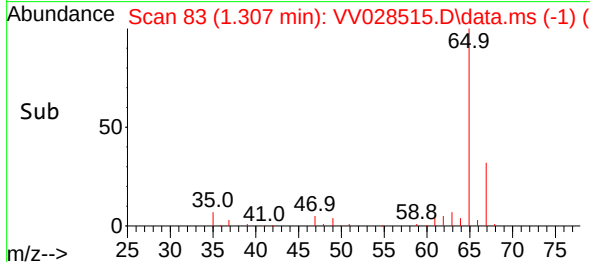
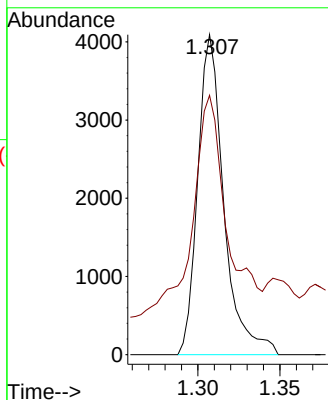


Tgt Ion: 62 Resp: 451
 Ion Ratio Lower Upper
 62 100
 64 81.0 23.3 43.3

Manual Integrations
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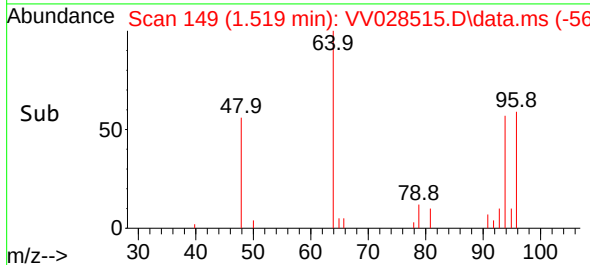
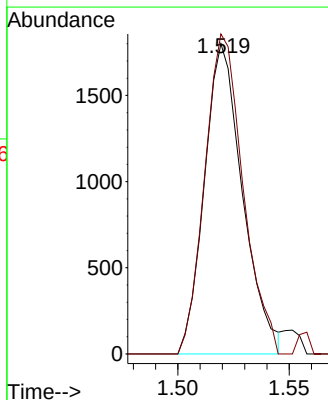
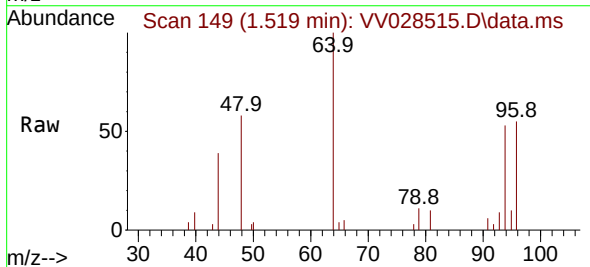
Reviewed By :Krupa
 Patel
 10/12/2022

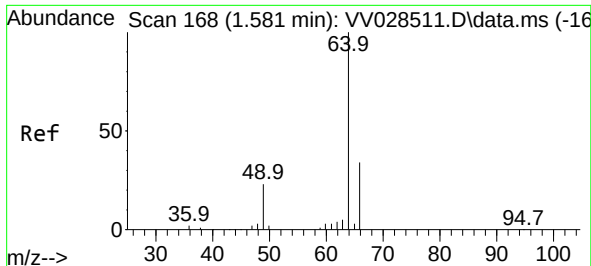
Supervised By :Mahesh
 Dadoda
 10/12/2022



#6
 Bromomethane
 Concen: 1.948 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV028515.D
 Acq: 11 Oct 2022 11:54

Tgt Ion: 94 Resp: 2143
 Ion Ratio Lower Upper
 94 100
 96 103.2 65.5 121.6





#8
Chloroethane
Concen: 2.073 ug/L m
RT: 1.577 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

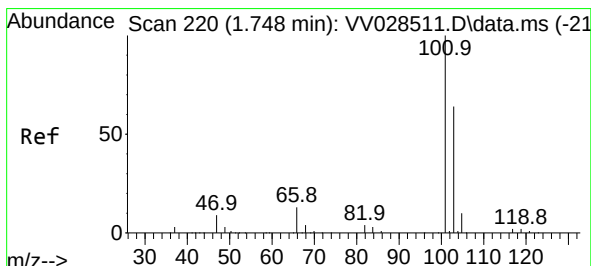
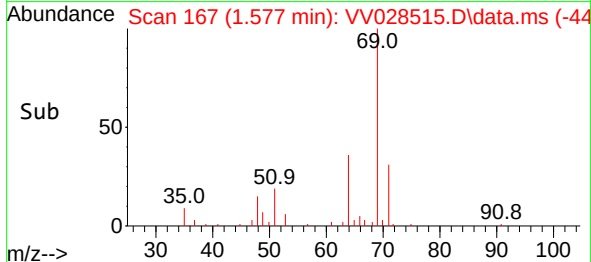
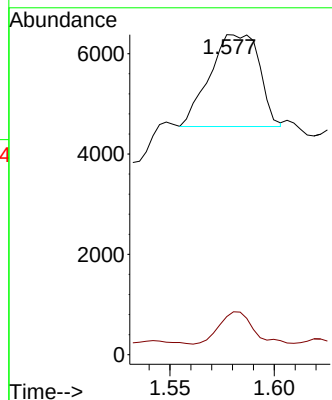
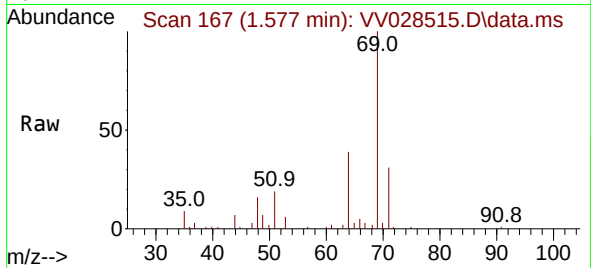
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion: 64 Resp: 3030
Ion Ratio Lower Upper
64 100
66 11.9 22.2 41.2

Manual Integrations
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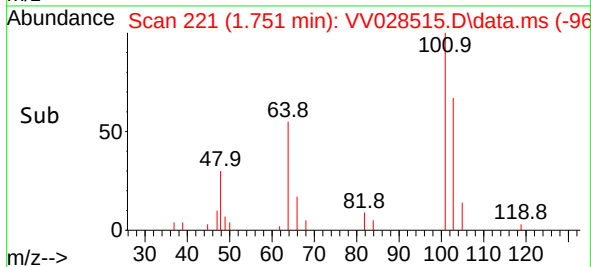
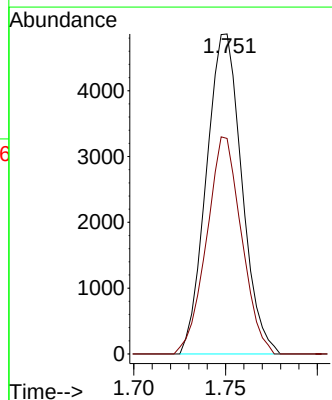
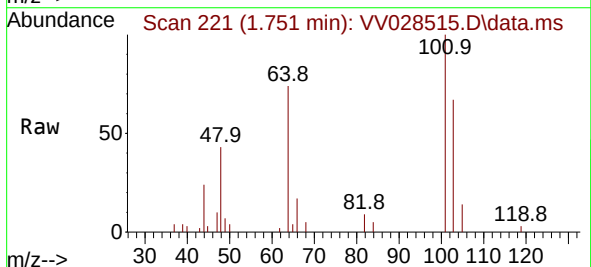
Reviewed By :Krupa
Patel
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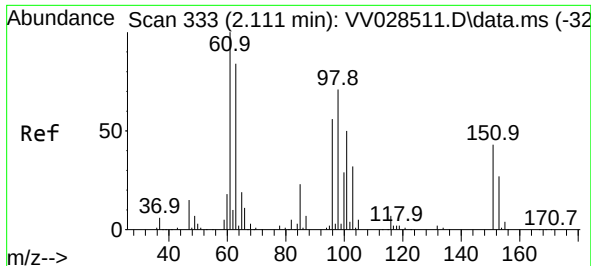
Supervised By :Mahesh
Dadoda
10/12/2022



#9
Trichlorofluoromethane
Concen: 2.190 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Tgt Ion:101 Resp: 6531
Ion Ratio Lower Upper
101 100
103 66.7 50.7 76.1





#10

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

Concen: 2.452 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV028515.D

Acq: 11 Oct 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08

Tgt Ion: 101 Resp: 4144

Ion	Ratio	Lower	Upper
101	100		
85	30.6	34.9	52.3
151	61.9	59.2	88.8

Manual Integrations

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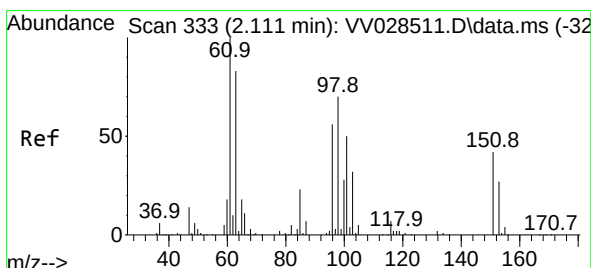
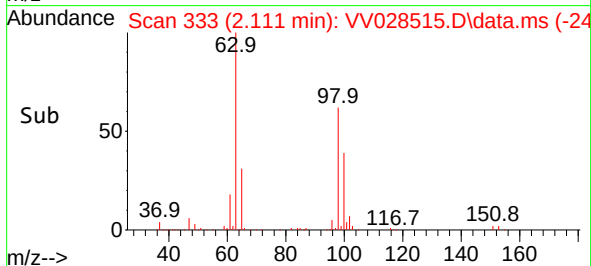
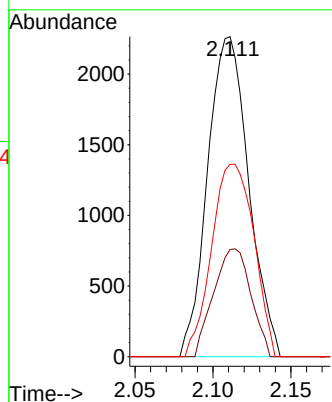
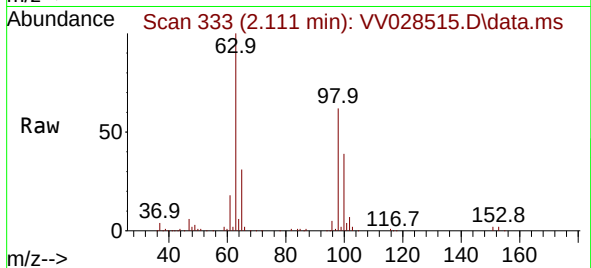
Patel

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Supervised By :Mahesh

Dadoda

10/12/2022



#12

1,1-Dichloroethene

Concen: 2.568 ug/L

RT: 2.111 min Scan# 333

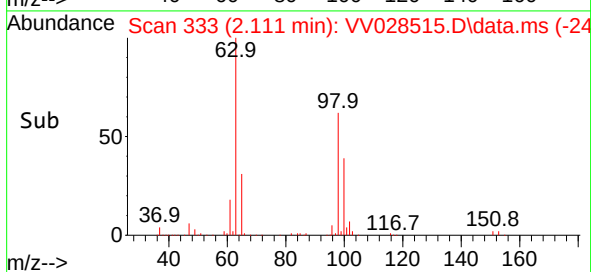
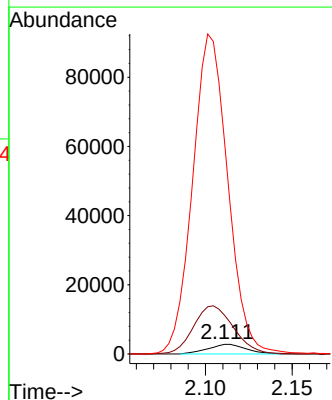
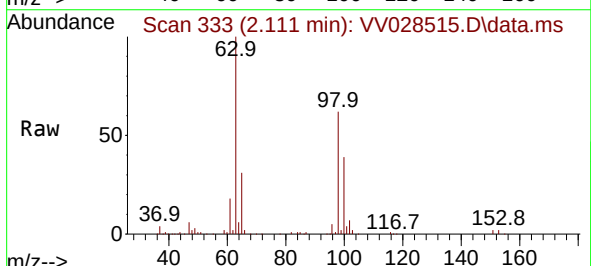
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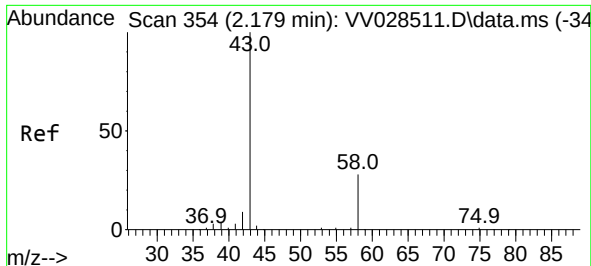
Lab File: VV028515.D

Acq: 11 Oct 2022 11:54

Tgt Ion: 96 Resp: 4260

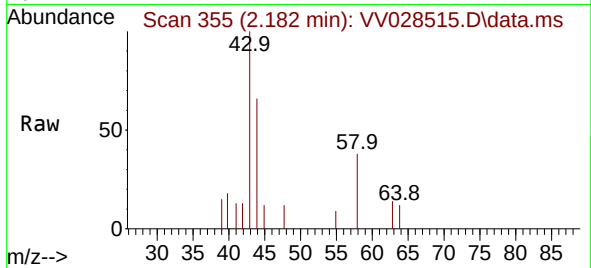
Ion	Ratio	Lower	Upper
96	100		
61	401.0	125.6	233.2#
63	2202.2	100.0	185.6#





#13
Acetone
Concen: 3.010 ug/L m
RT: 2.182 min Scan# 355
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

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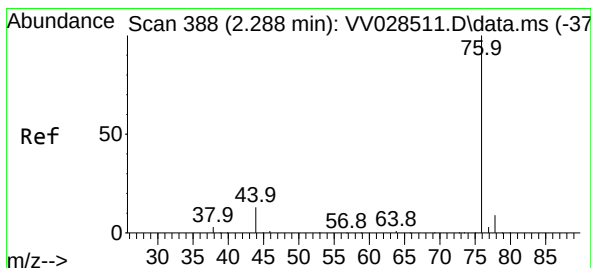
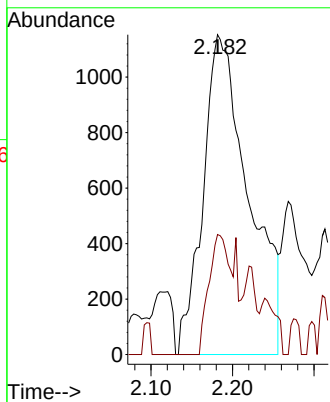
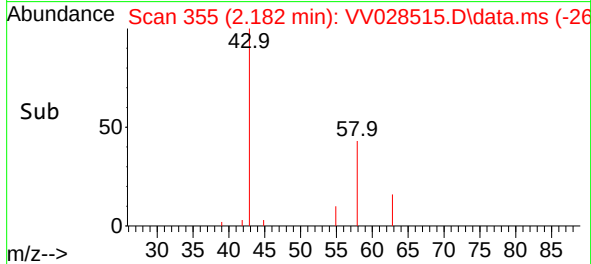


Tgt Ion: 43 Resp: 4468
Ion Ratio Lower Upper
43 100
58 17.5 0.0 47.0

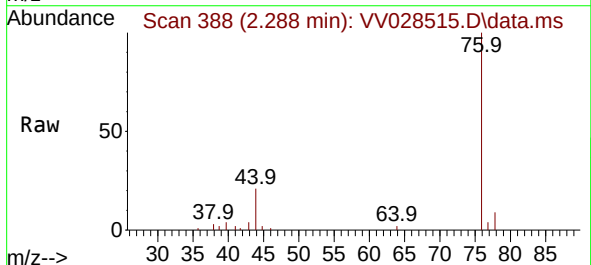
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10/12/2022

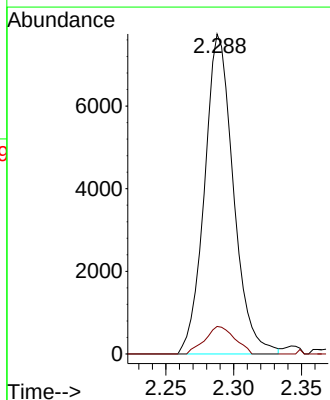
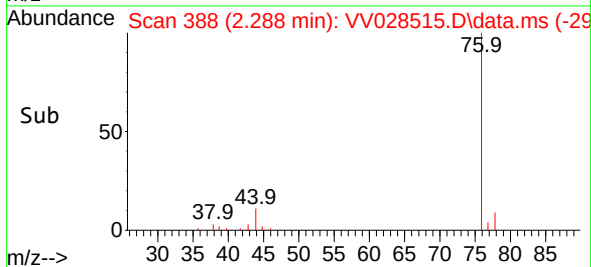
Supervised By :Mahesh
Dadoda
10/12/2022

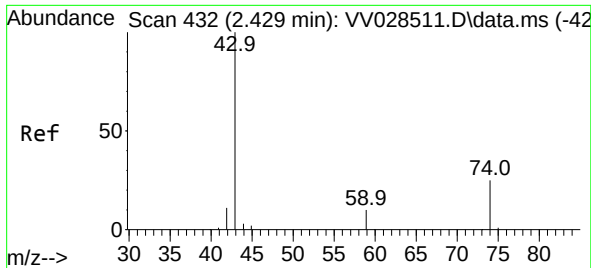


#14
Carbon disulfide
Concen: 2.161 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54



Tgt Ion: 76 Resp: 11469
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0





#15
Methyl Acetate
Concen: 1.792 ug/L
RT: 2.439 min Scan# 432
Delta R.T. 0.010 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

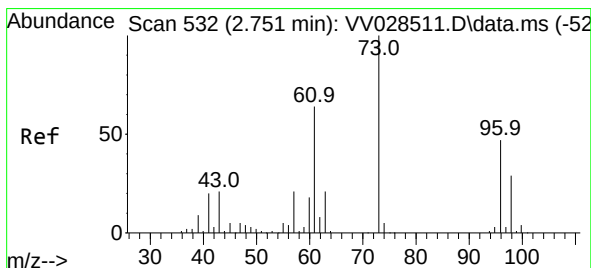
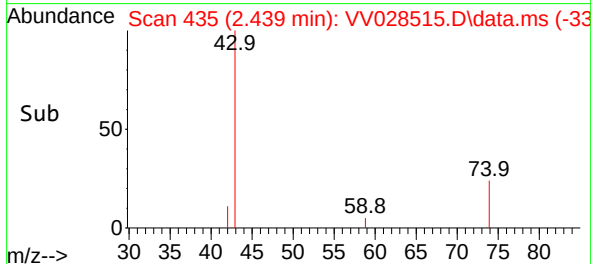
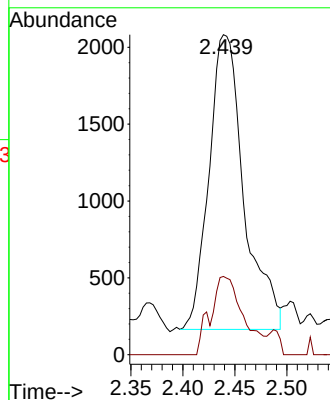
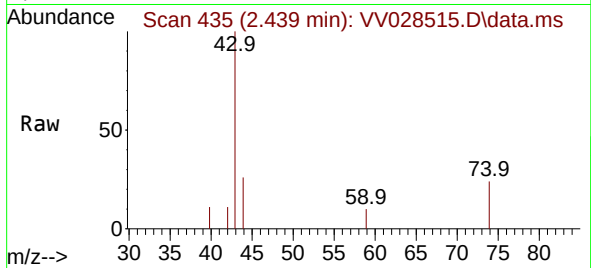
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
74 13.6 18.8 28.2

Manual Integrations
APPROVED

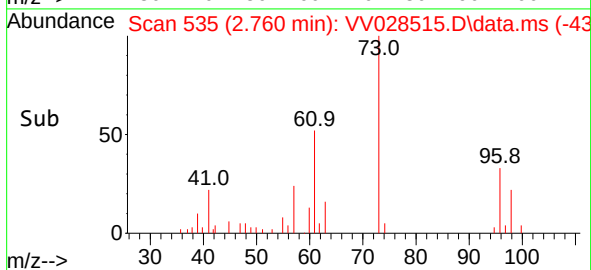
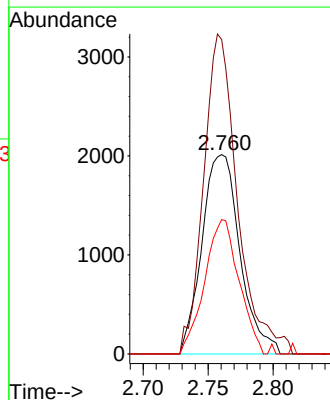
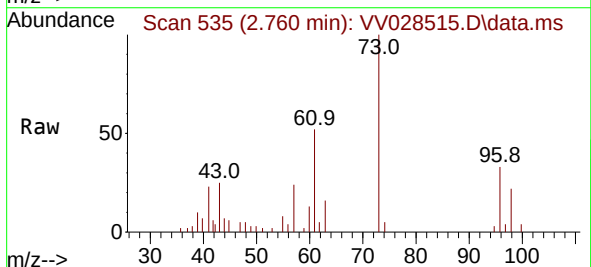
Reviewed By :Krupa
Patel
10/12/2022

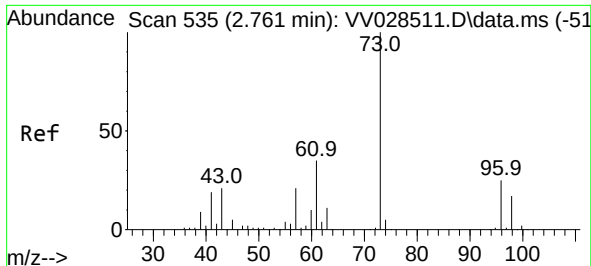
Supervised By :Mahesh
Dadoda
10/12/2022



#17
trans-1,2-Dichloroethene
Concen: 2.117 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

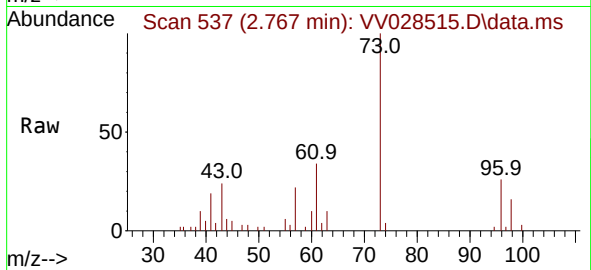
Tgt Ion: 96 Resp: 4097
Ion Ratio Lower Upper
96 100
61 157.6 104.8 194.6
98 67.4 44.5 82.7





#18
Methyl tert-butyl Ether
Concen: 2.079 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

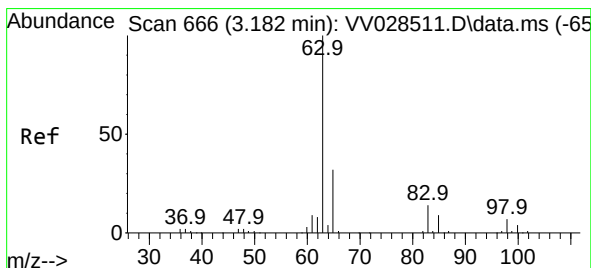
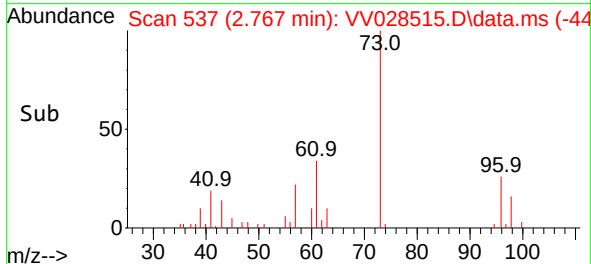
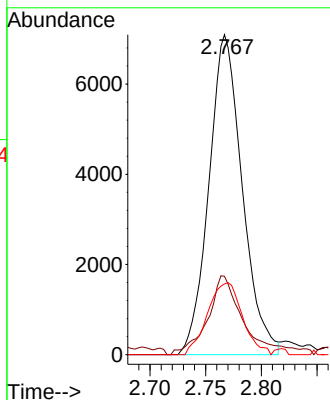


Tgt Ion: 73 Resp: 14792
Ion Ratio Lower Upper
73 100
43 26.0 15.6 23.4
57 23.3 18.2 27.4

Manual Integrations
APPROVED

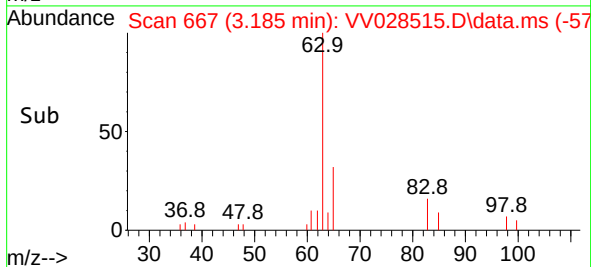
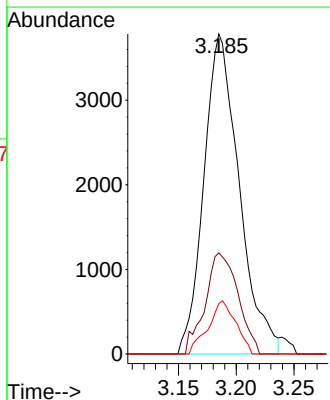
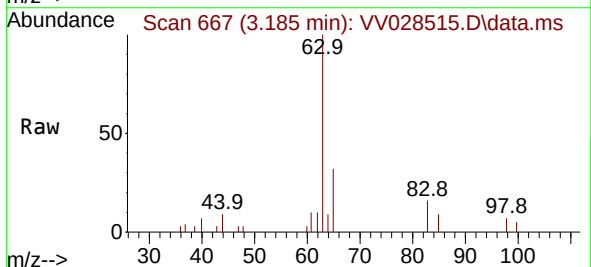
Reviewed By :Krupa
Patel
10/12/2022

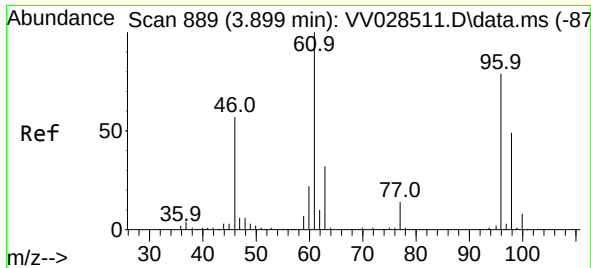
Supervised By :Mahesh
Dadoda
10/12/2022



#19
1,1-Dichloroethane
Concen: 2.032 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

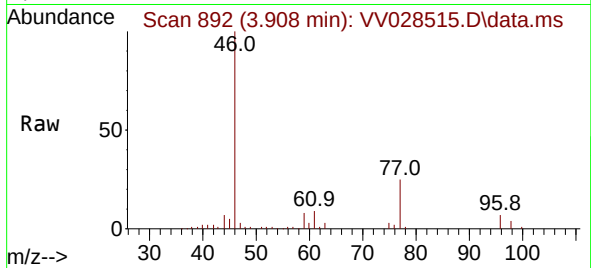
Tgt Ion: 63 Resp: 8034
Ion Ratio Lower Upper
63 100
65 31.6 22.6 42.0
83 15.8 9.2 17.0





#20
 cis-1,2-Dichloroethene
 Concen: 2.048 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV028515.D
 Acq: 11 Oct 2022 11:54

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2022-08

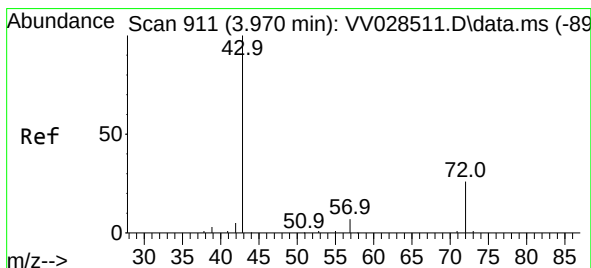
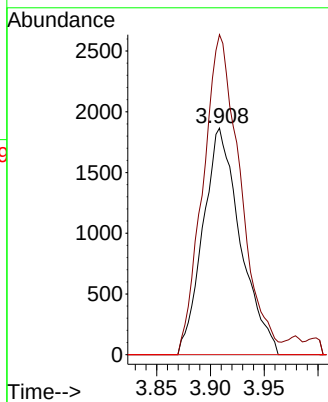
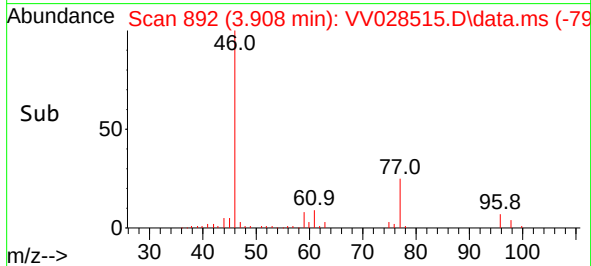


Tgt Ion: 96 Resp: 4510
 Ion Ratio Lower Upper
 96 100
 61 141.2 95.0 176.4
 68 0.0 0.0 0.0

Manual Integrations
 APPROVED

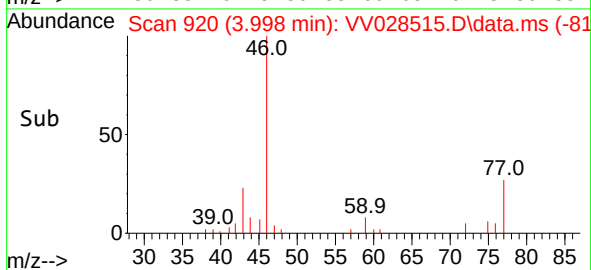
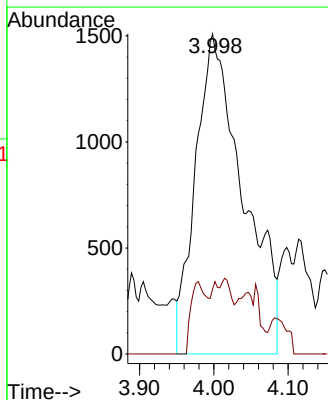
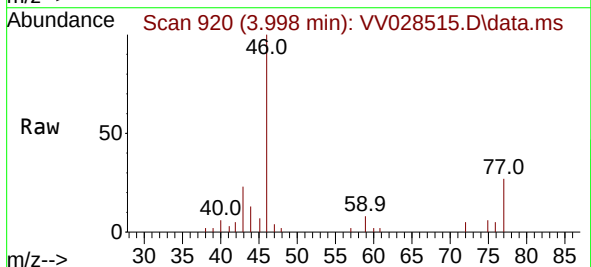
Reviewed By :Krupa
 Patel
 10/12/2022

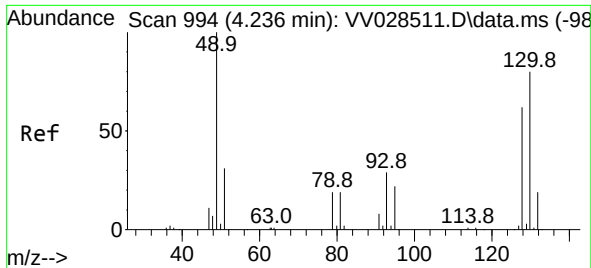
Supervised By :Mahesh
 Dadoda
 10/12/2022



#22
 2-Butanone
 Concen: 3.451 ug/L m
 RT: 3.998 min Scan# 920
 Delta R.T. 0.029 min
 Lab File: VV028515.D
 Acq: 11 Oct 2022 11:54

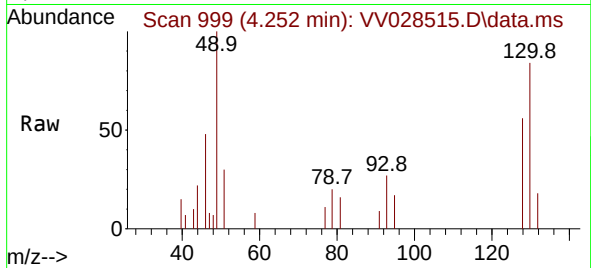
Tgt Ion: 43 Resp: 6753
 Ion Ratio Lower Upper
 43 100
 72 7.9 11.1 33.1#





#23
Bromochloromethane
Concen: 2.299 ug/L m
RT: 4.252 min Scan# 994
Delta R.T. 0.016 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

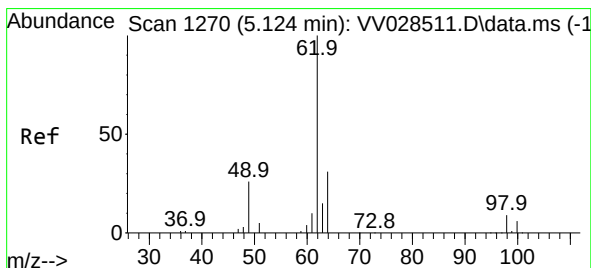
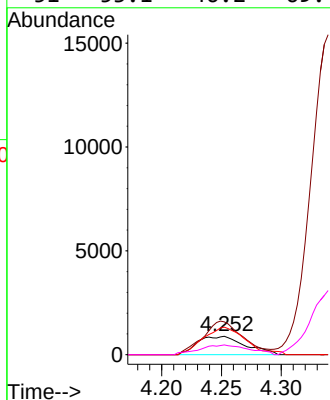
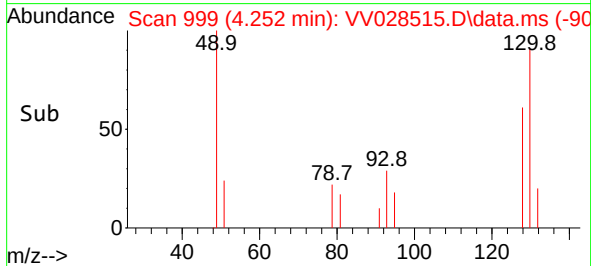


Tgt Ion:128 Resp: 246
Ion Ratio Lower Upper
128 100
49 178.4 130.6 242.6
130 150.2 90.0 167.2
51 53.1 46.2 69.4

Manual Integrations
APPROVED

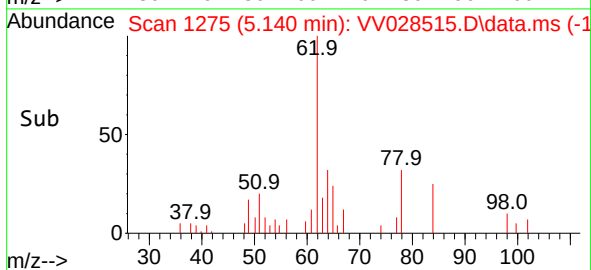
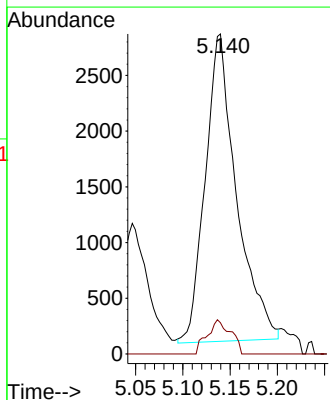
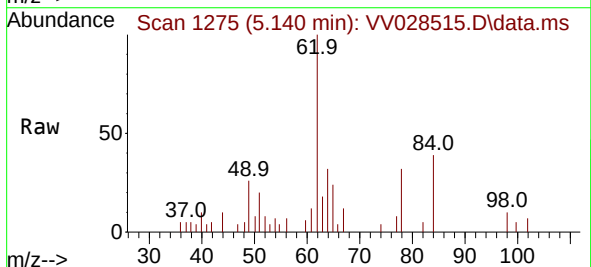
Reviewed By :Krupa
Patel
10/12/2022

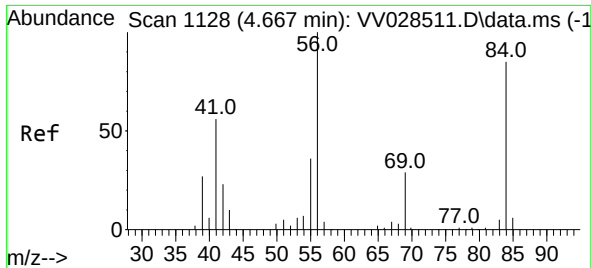
Supervised By :Mahesh
Dadoda
10/12/2022



#27
1,2-Dichloroethane
Concen: 2.142 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.016 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

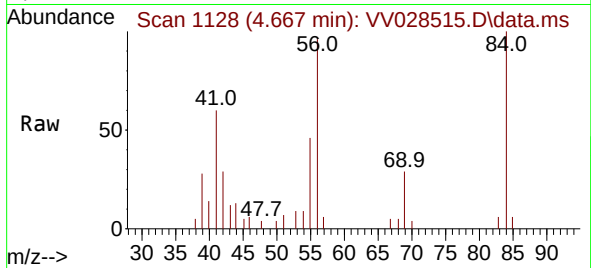
Tgt Ion: 62 Resp: 6333
Ion Ratio Lower Upper
62 100
98 9.7 7.6 11.4





#29
Cyclohexane
Concen: 1.927 ug/L m
RT: 4.667 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

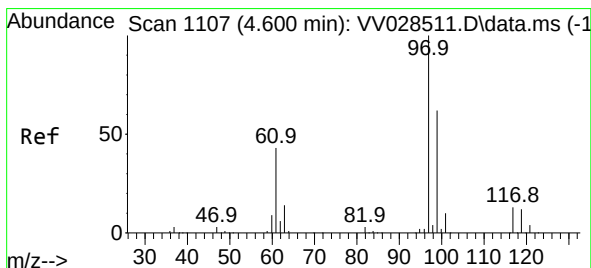
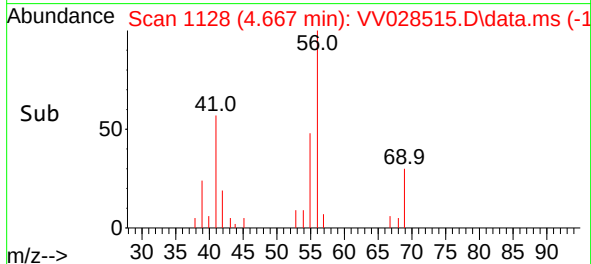
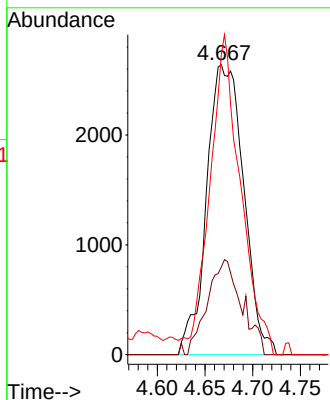


Tgt Ion: 56 Resp: 7130
Ion Ratio Lower Upper
56 100
69 25.7 23.0 34.6
84 90.5 65.8 98.8

Manual Integrations
APPROVED

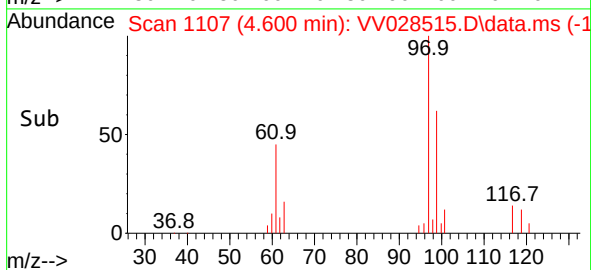
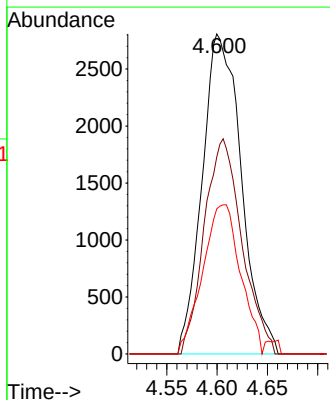
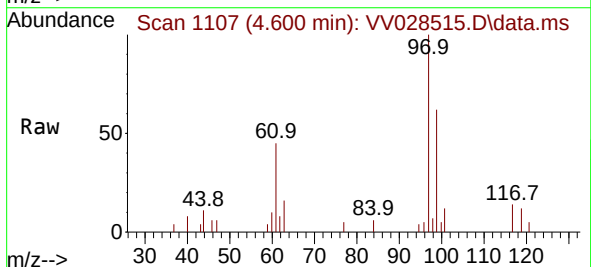
Reviewed By :Krupa
Patel
10/12/2022

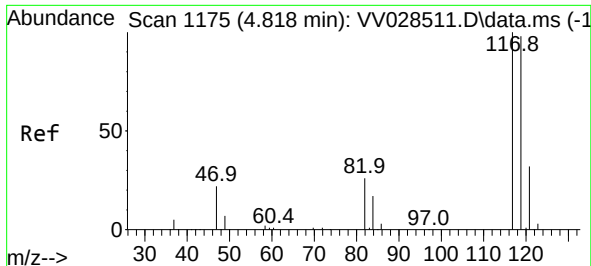
Supervised By :Mahesh
Dadoda
10/12/2022



#30
1,1,1-Trichloroethane
Concen: 2.278 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

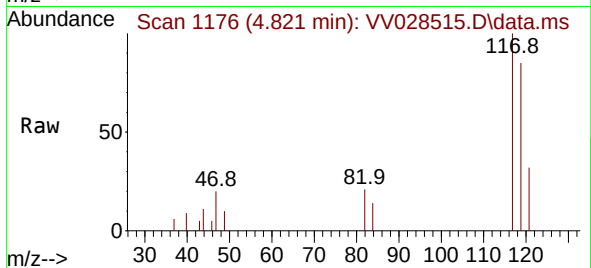
Tgt Ion: 97 Resp: 7576
Ion Ratio Lower Upper
97 100
99 64.9 50.2 75.2
61 45.3 35.8 53.6





#31
Carbon tetrachloride
Concen: 2.366 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2022-08

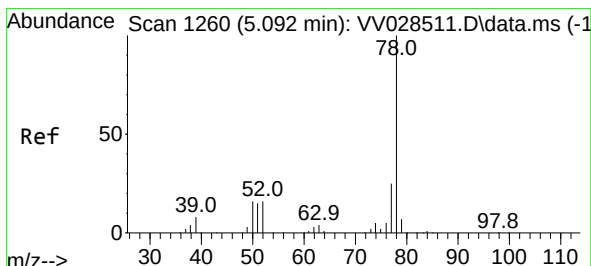
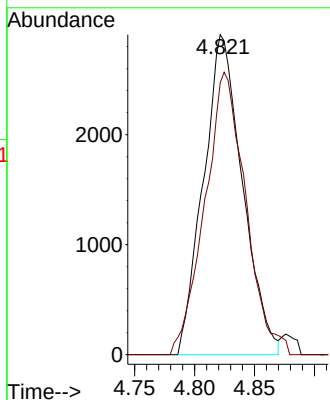
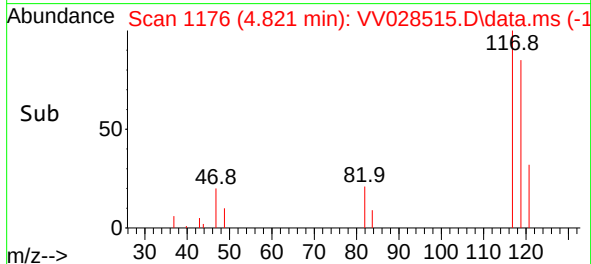


Tgt Ion:117 Resp: 6588
Ion Ratio Lower Upper
117 100
119 92.1 78.0 117.0

Manual Integrations
APPROVED

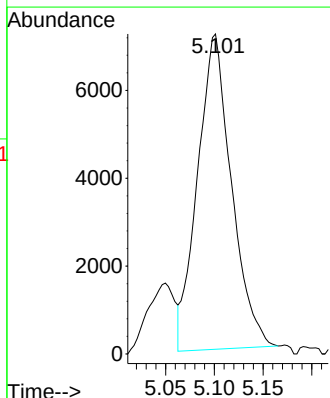
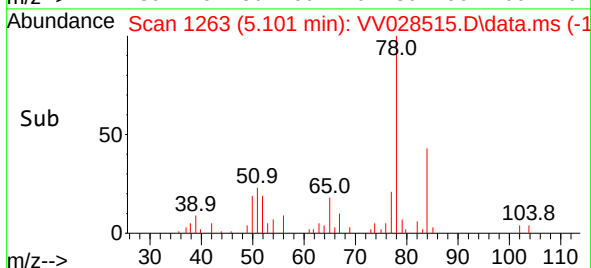
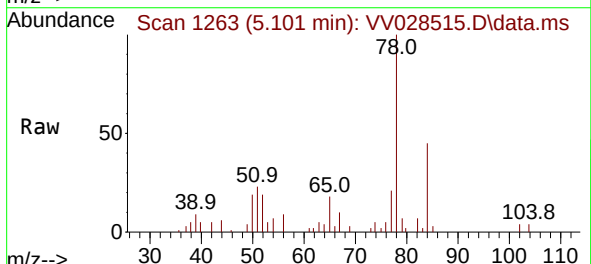
Reviewed By :Krupa
Patel
10/12/2022

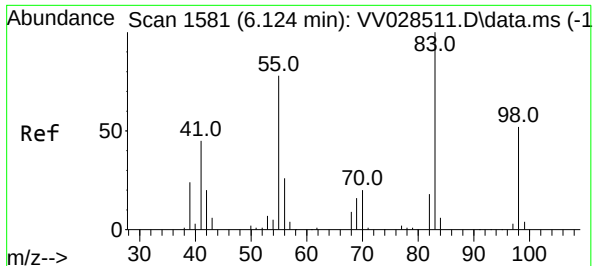
Supervised By :Mahesh
Dadoda
10/12/2022



#33
Benzene
Concen: 2.051 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Tgt Ion: 78 Resp: 17368





#35
Methylcyclohexane
Concen: 1.963 ug/L
RT: 6.130 min Scan# 1581
Delta R.T. 0.006 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

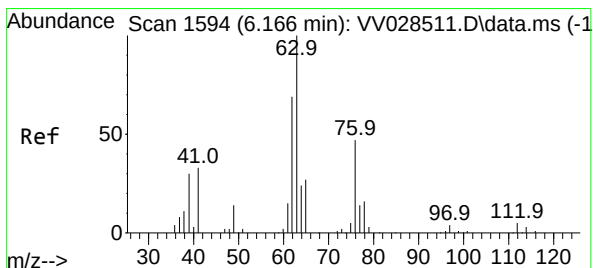
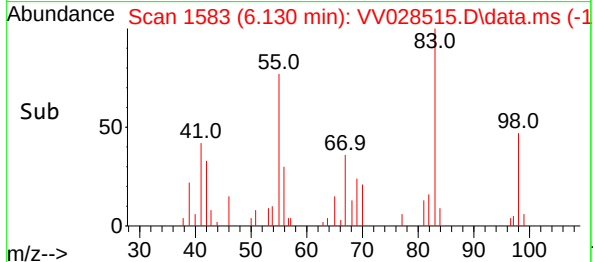
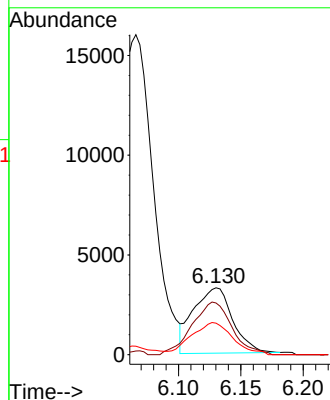
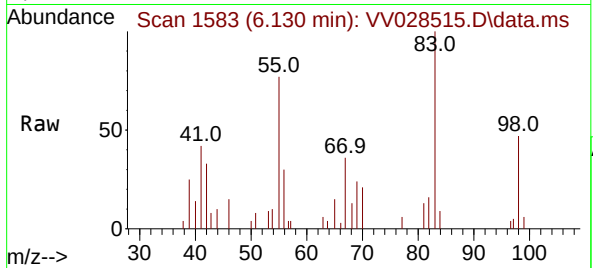
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2022-08

Tgt Ion: 83 Resp: 716
Ion Ratio Lower Upper
83 100
55 81.7 63.7 95.5
98 51.5 38.2 57.2

Manual Integrations
APPROVED

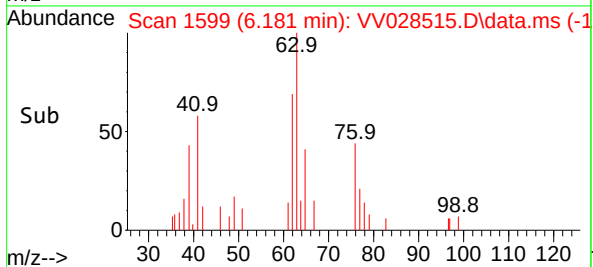
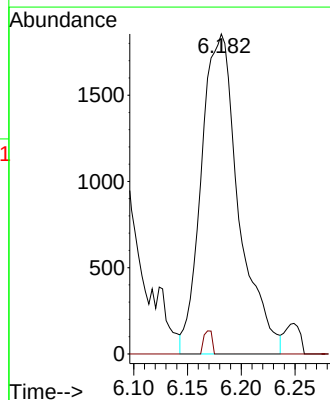
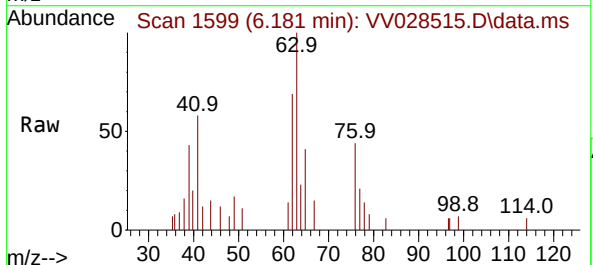
Reviewed By :Krupa
Patel
10/12/2022

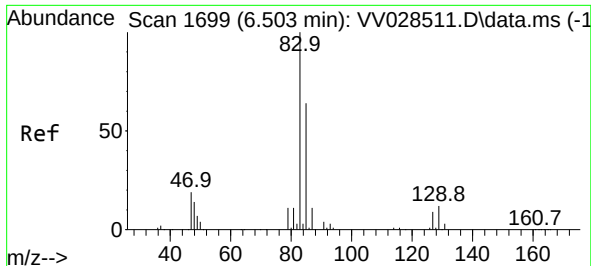
Supervised By :Mahesh
Dadoda
10/12/2022



#37
1,2-Dichloropropane
Concen: 1.978 ug/L
RT: 6.181 min Scan# 1599
Delta R.T. 0.016 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Tgt Ion: 63 Resp: 4490
Ion Ratio Lower Upper
63 100
112 1.6 3.5 5.3#





#38
Bromodichloromethane
Concen: 2.097 ug/L
RT: 6.513 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

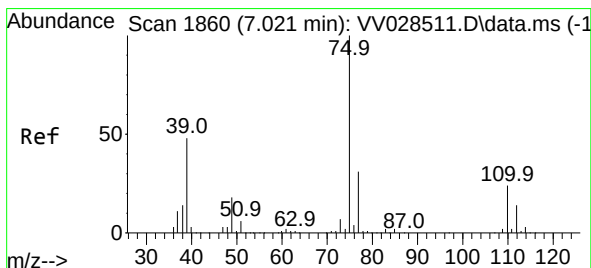
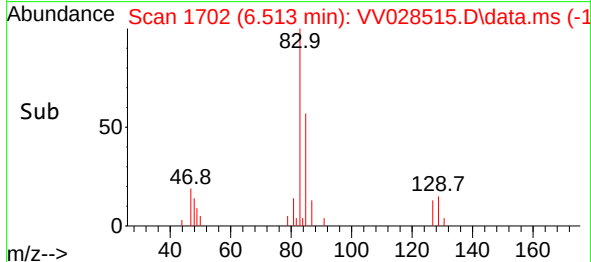
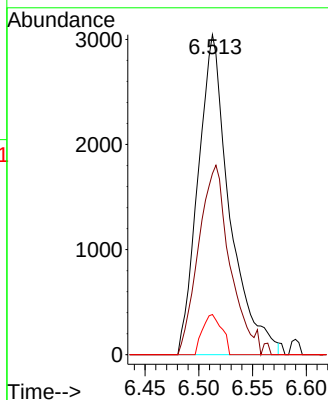
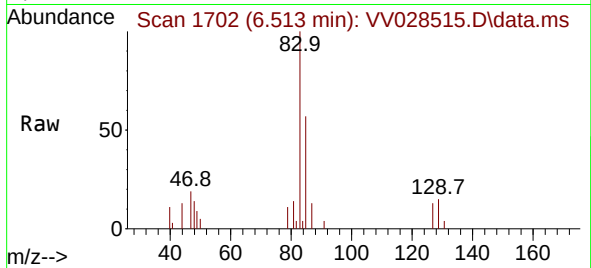
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion: 83 Resp: 620
Ion Ratio Lower Upper
83 100
85 56.6 45.1 83.7
127 12.6 7.0 10.4

Manual Integrations
APPROVED

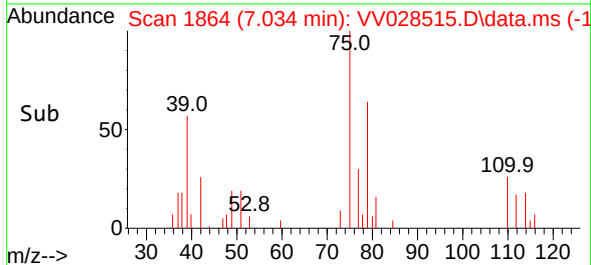
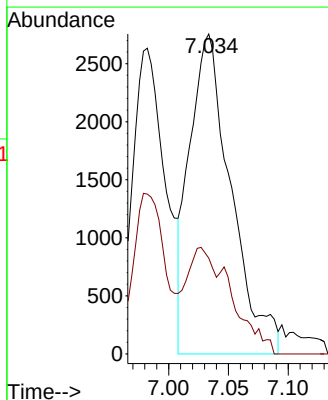
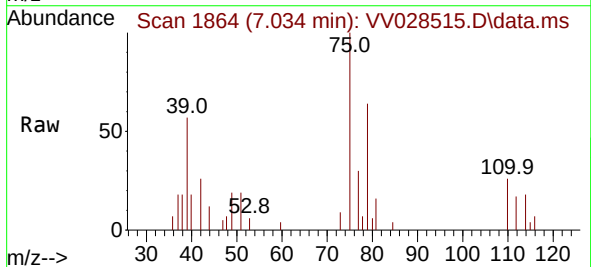
Reviewed By :Krupa
Patel
10/12/2022

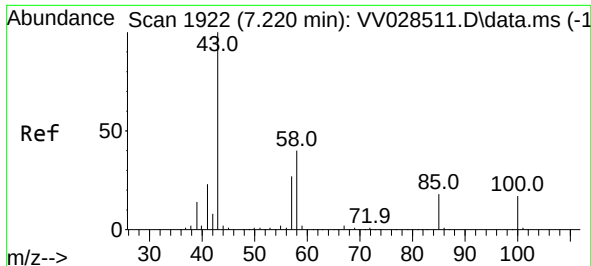
Supervised By :Mahesh
Dadoda
10/12/2022



#39
cis-1,3-Dichloropropene
Concen: 1.842 ug/L m
RT: 7.034 min Scan# 1864
Delta R.T. 0.013 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Tgt Ion: 75 Resp: 6650
Ion Ratio Lower Upper
75 100
77 29.9 23.2 43.0





#40

4-Methyl-2-pentanone

Concen: 3.396 ug/L

RT: 7.233 min Scan# 1922

Delta R.T. 0.013 min

Lab File: VV028515.D

Acq: 11 Oct 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08

Tgt Ion: 43	Resp: 1314
Ion Ratio	Lower Upper
43 100	
58 36.6	31.3 46.9
100 10.9	11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Krupa

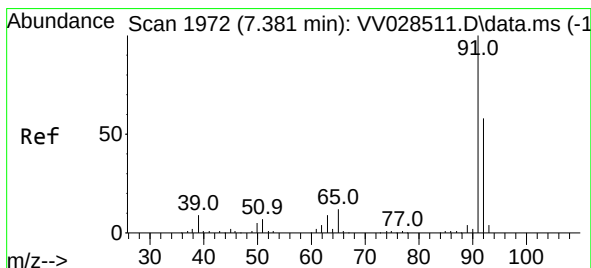
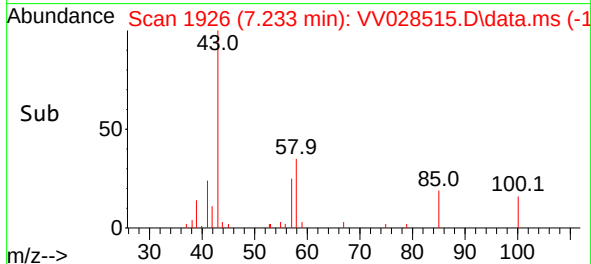
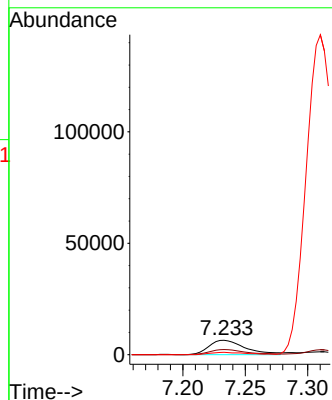
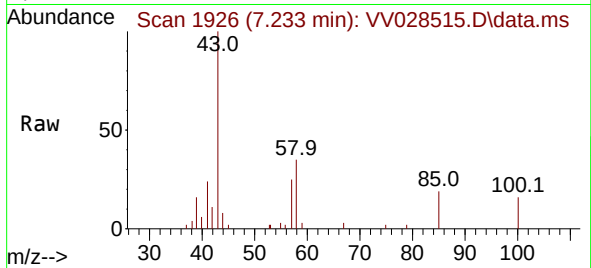
Patel

10/12/2022

Supervised By :Mahesh

Dadoda

10/12/2022



#42

Toluene

Concen: 2.134 ug/L

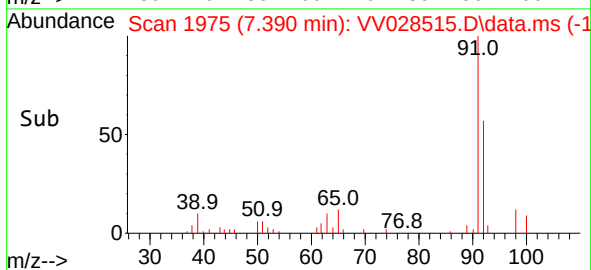
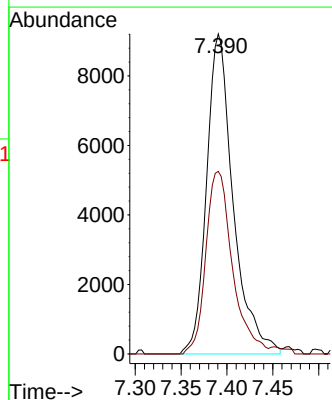
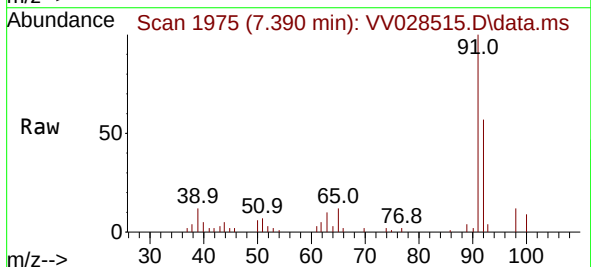
RT: 7.390 min Scan# 1975

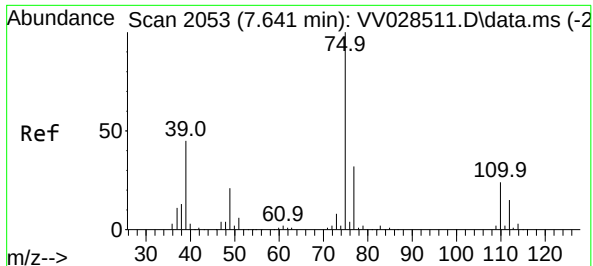
Delta R.T. 0.010 min

Lab File: VV028515.D

Acq: 11 Oct 2022 11:54

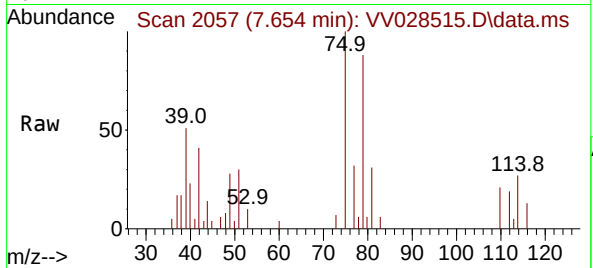
Tgt Ion: 91	Resp: 18623
Ion Ratio	Lower Upper
91 100	
92 57.0	40.9 76.0





#44
trans-1,3-Dichloropropene
Concen: 2.041 ug/L m
RT: 7.654 min Scan# 2053
Delta R.T. 0.013 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2022-08

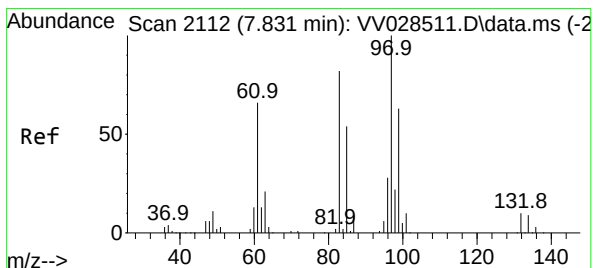
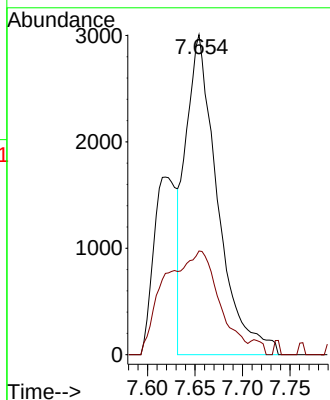
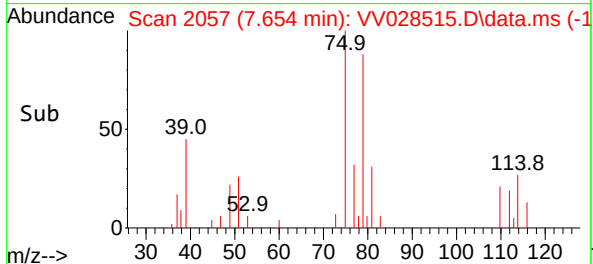


Tgt Ion: 75 Resp: 7072
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4

Manual Integrations
APPROVED

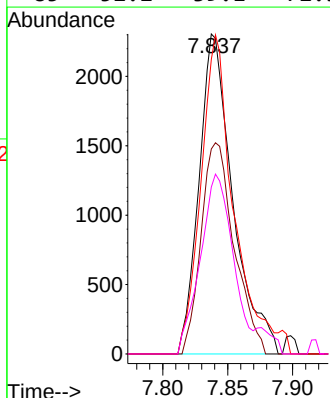
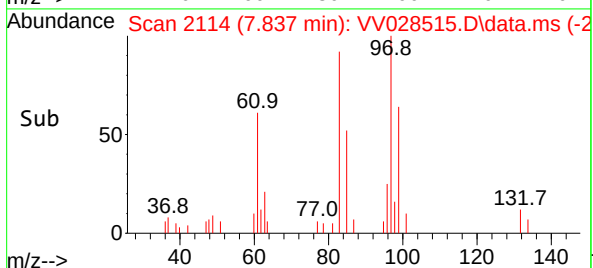
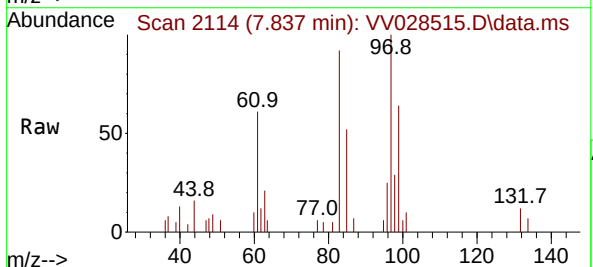
Reviewed By :Krupa
Patel
10/12/2022

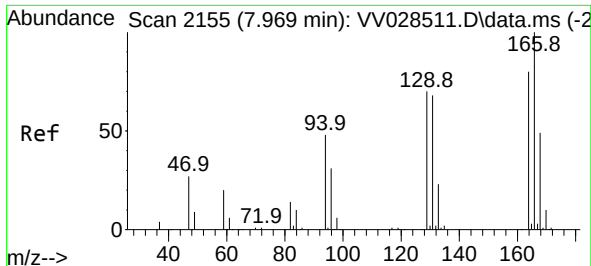
Supervised By :Mahesh
Dadoda
10/12/2022



#45
1,1,2-Trichloroethane
Concen: 1.989 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.006 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

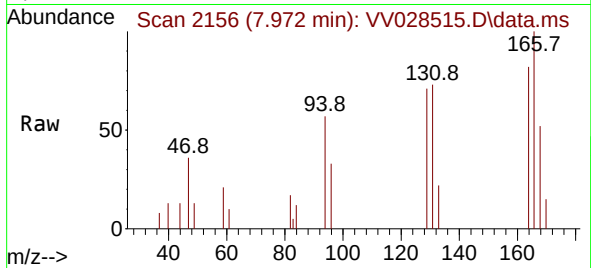
Tgt Ion: 97 Resp: 4182
Ion Ratio Lower Upper
97 100
99 64.1 43.9 81.5
83 92.1 61.9 114.9
85 52.2 39.1 72.5





#46
Tetrachloroethene
Concen: 2.155 ug/L
RT: 7.972 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

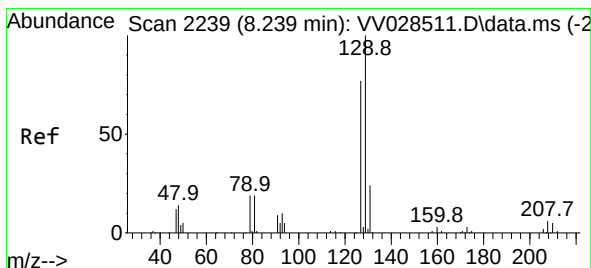
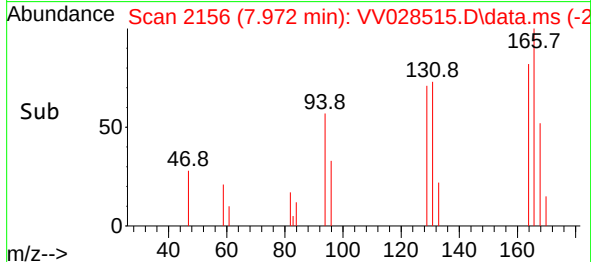
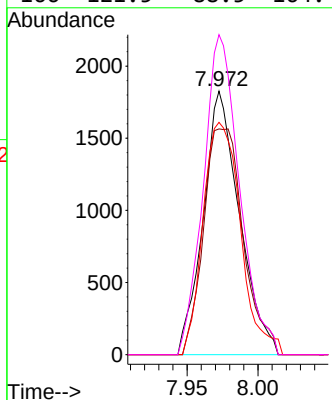


Tgt Ion:164 Resp: 325
Ion Ratio Lower Upper
164 100
129 85.7 67.4 125.2
131 88.2 65.2 121.2
166 121.5 88.5 164.4

Manual Integrations
APPROVED

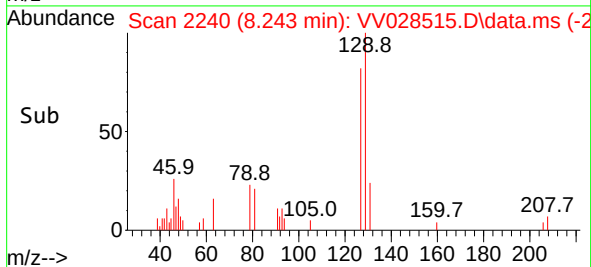
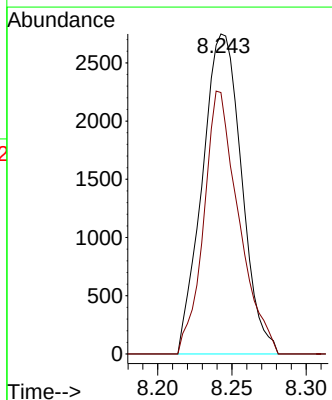
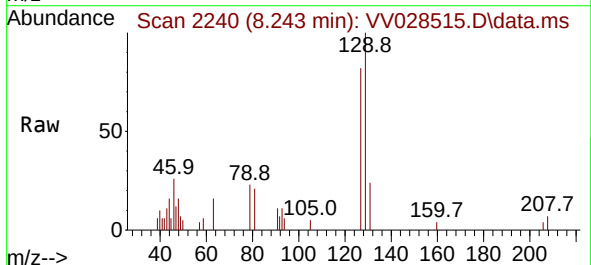
Reviewed By :Krupa
Patel
10/12/2022

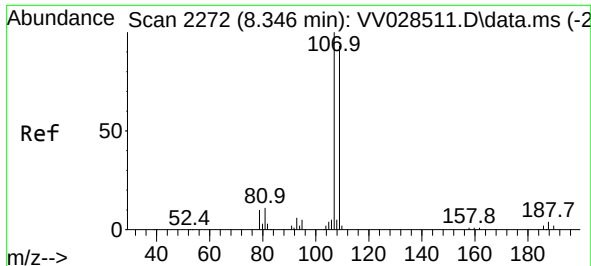
Supervised By :Mahesh
Dadoda
10/12/2022



#49
Dibromochloromethane
Concen: 2.238 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Tgt Ion:129 Resp: 5058
Ion Ratio Lower Upper
129 100
127 81.7 53.6 99.6





#50

1,2-Dibromoethane

Concen: 2.018 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028515.D

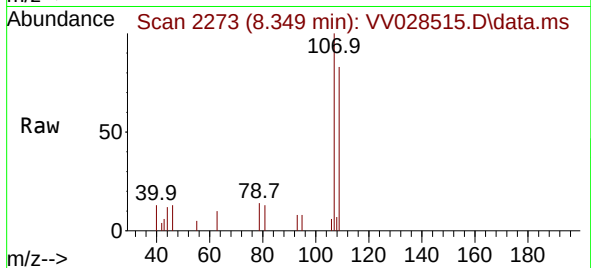
Acq: 11 Oct 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08



Tgt Ion:	107	Resp:	439
Ion	Ratio	Lower	Upper
107	100		
109	83.1	65.9	122.5
188	0.0	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Krupa

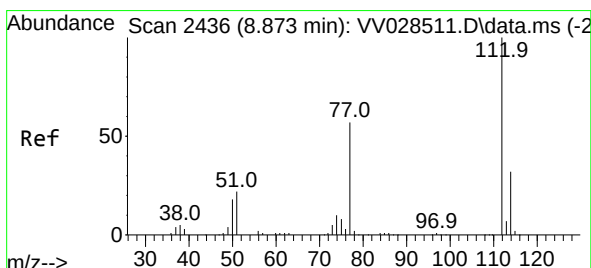
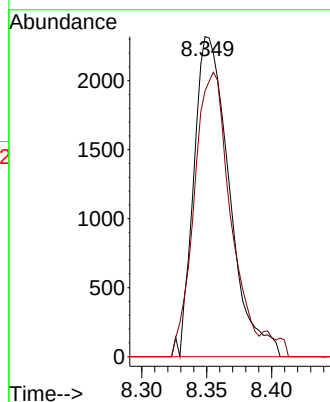
Patel

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Supervised By :Mahesh

Dadoda

10/12/2022



#51

Chlorobenzene

Concen: 2.155 ug/L

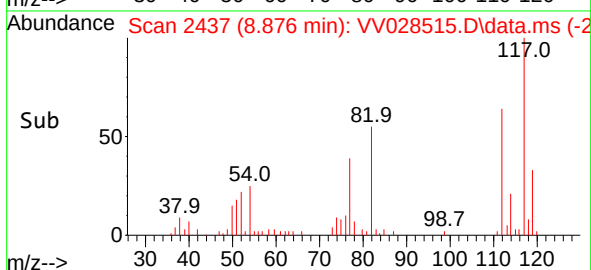
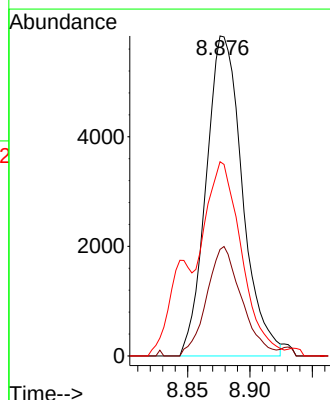
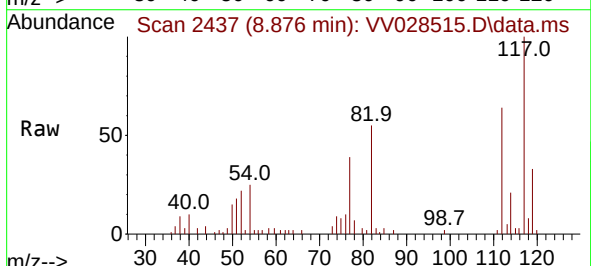
RT: 8.876 min Scan# 2437

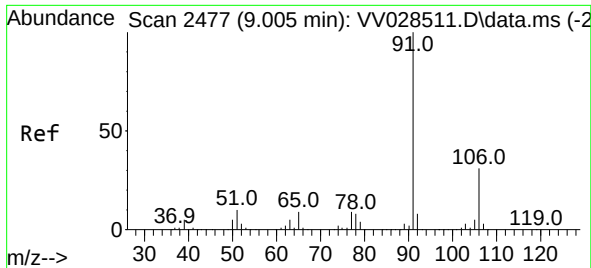
Delta R.T. 0.003 min

Lab File: VV028515.D

Acq: 11 Oct 2022 11:54

Tgt Ion:	112	Resp:	11802
Ion	Ratio	Lower	Upper
112	100		
114	33.3	21.7	40.3
77	60.7	48.7	73.1





#52
Ethylbenzene
Concen: 2.089 ug/L
RT: 9.011 min Scan# 2477
Delta R.T. 0.006 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

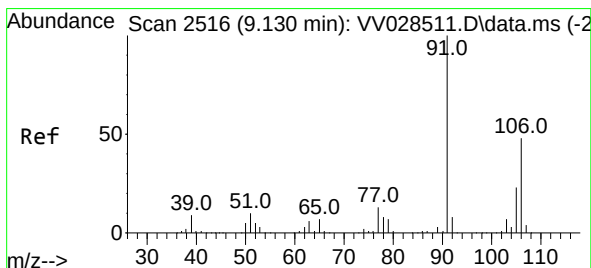
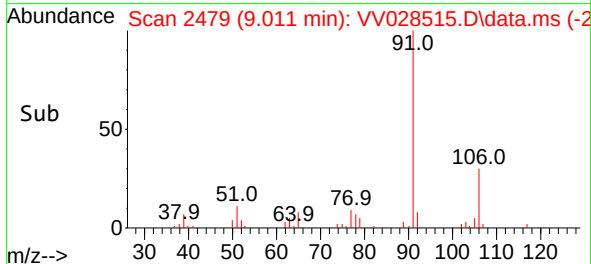
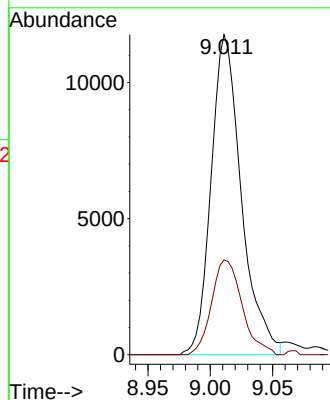
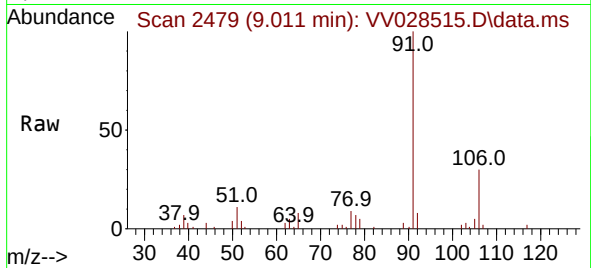
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion: 91 Resp: 1987
Ion Ratio Lower Upper
91 100
106 29.7 21.4 39.8

Manual Integrations
APPROVED

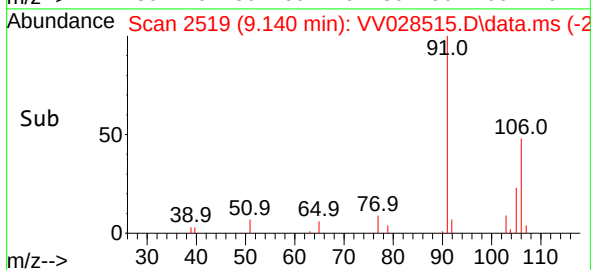
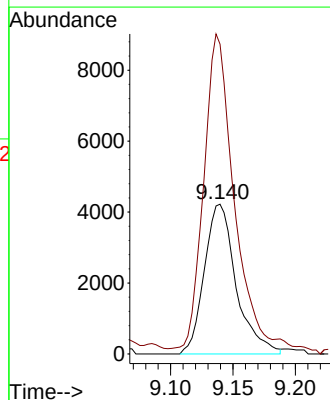
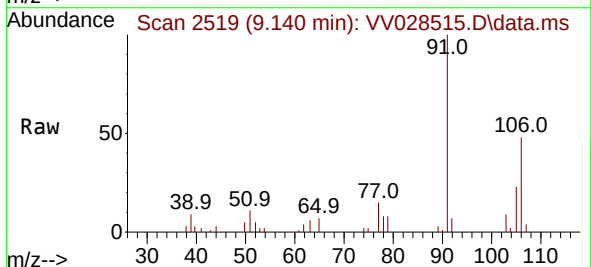
Reviewed By :Krupa
Patel
10/12/2022

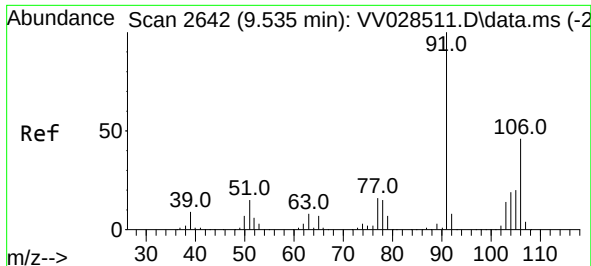
Supervised By :Mahesh
Dadoda
10/12/2022



#53
m,p-Xylene
Concen: 2.083 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.010 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Tgt Ion:106 Resp: 7511
Ion Ratio Lower Upper
106 100
91 206.8 145.2 269.6





#54
o-Xylene
Concen: 2.072 ug/L
RT: 9.538 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

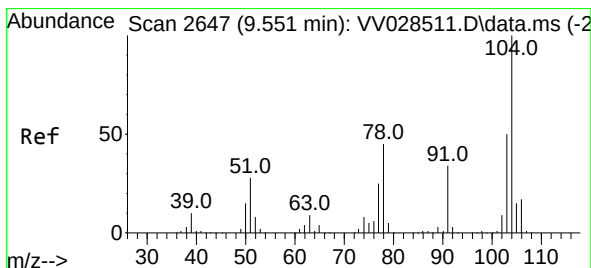
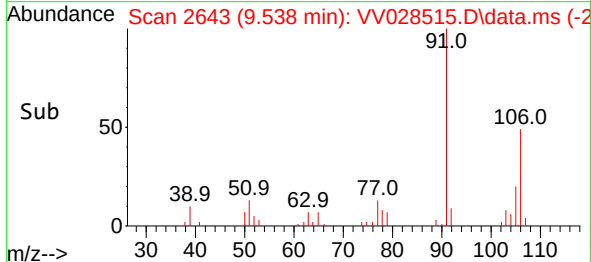
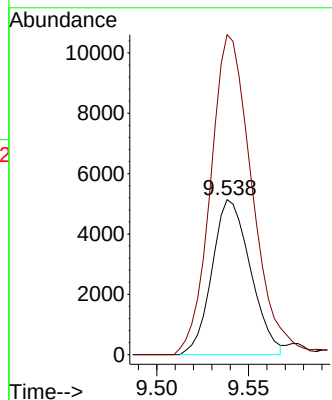
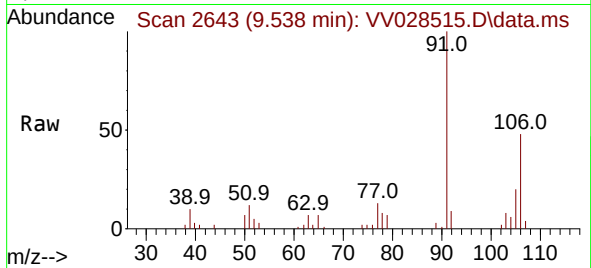
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion:106 Resp: 7479
Ion Ratio Lower Upper
106 100
91 206.4 152.5 283.3

Manual Integrations
APPROVED

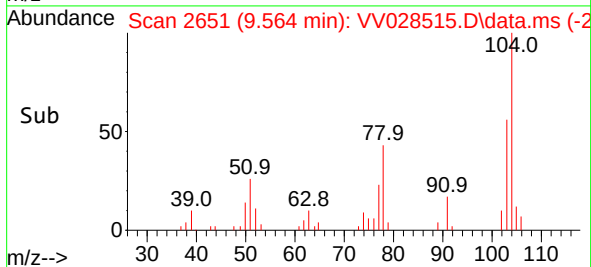
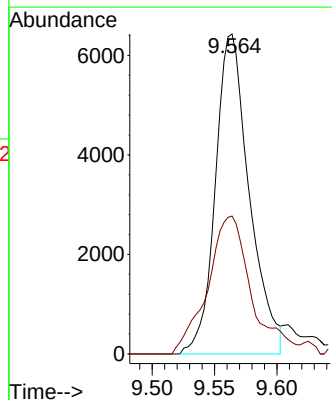
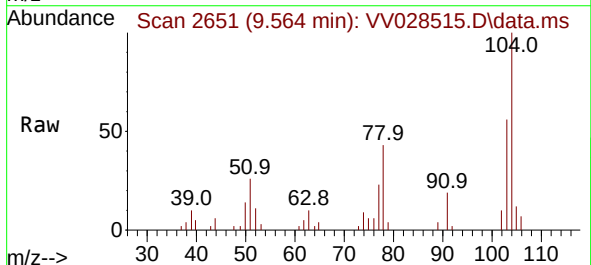
Reviewed By :Krupa
Patel
10/12/2022

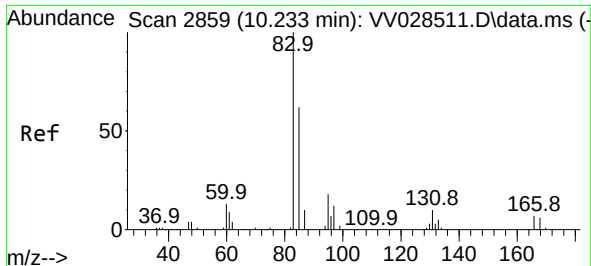
Supervised By :Mahesh
Dadoda
10/12/2022



#55
Styrene
Concen: 1.967 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.013 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Tgt Ion:104 Resp: 12195
Ion Ratio Lower Upper
104 100
78 43.1 31.9 59.2





#57

1,1,2,2-Tetrachloroethane

Concen: 2.017 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. -0.000 min

Lab File: VV028515.D

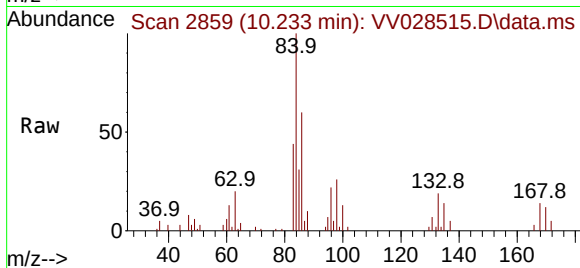
Acq: 11 Oct 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08



Tgt Ion:	83	Resp:	726
Ion Ratio	Lower	Upper	
83	100		
85	70.8	44.8	83.2
131	15.0	7.2	10.8

Manual Integrations

APPROVED

Reviewed By :Krupa

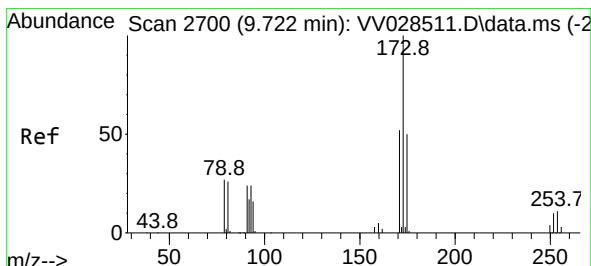
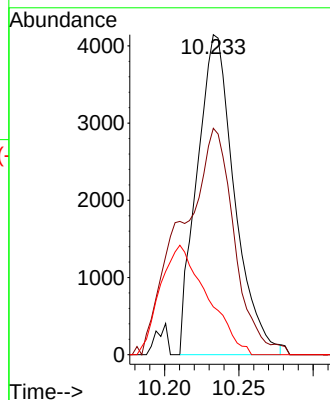
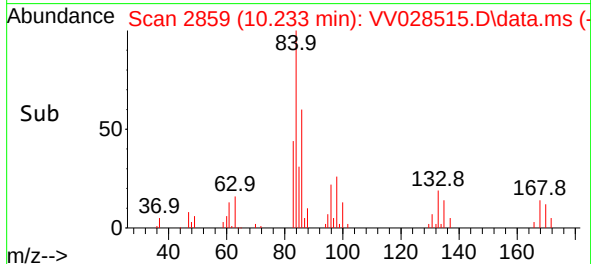
Patel

10/12/2022

Supervised By :Mahesh

Dadoda

10/12/2022



#59

Bromoform

Concen: 1.855 ug/L

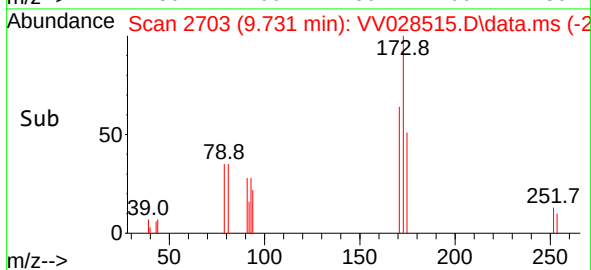
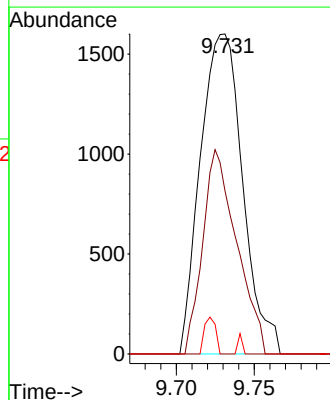
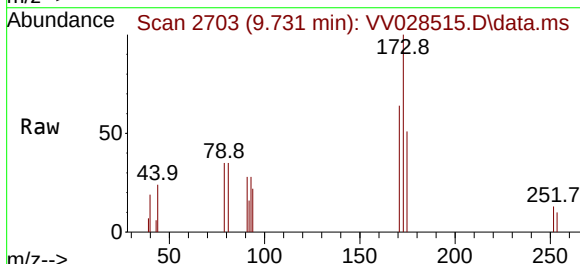
RT: 9.731 min Scan# 2703

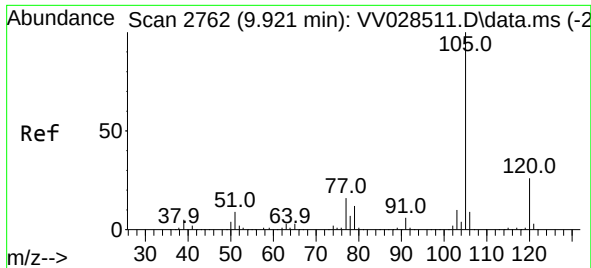
Delta R.T. 0.010 min

Lab File: VV028515.D

Acq: 11 Oct 2022 11:54

Tgt Ion:	173	Resp:	3023
Ion Ratio	Lower	Upper	
173	100		
175	51.1	38.6	57.8
254	3.1	8.4	12.6





#60
Isopropylbenzene
Concen: 2.142 ug/L
RT: 9.927 min Scan# 2762
Delta R.T. 0.006 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

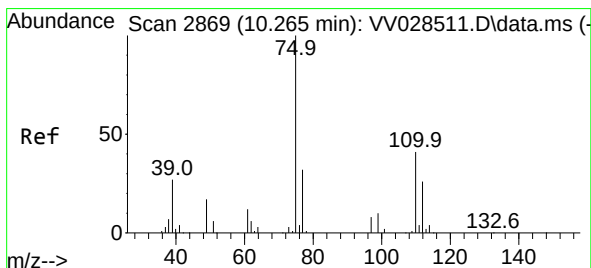
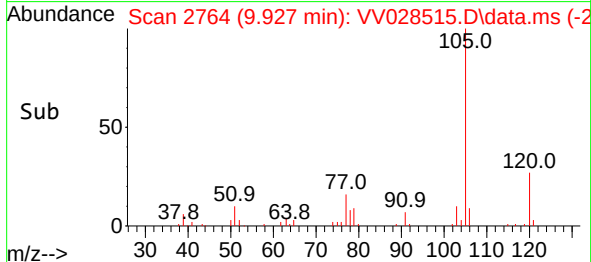
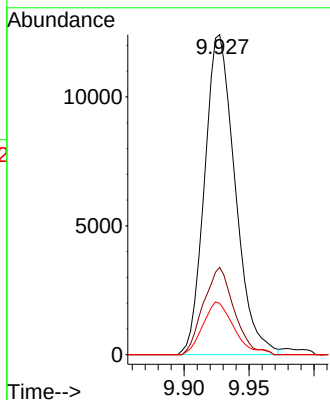
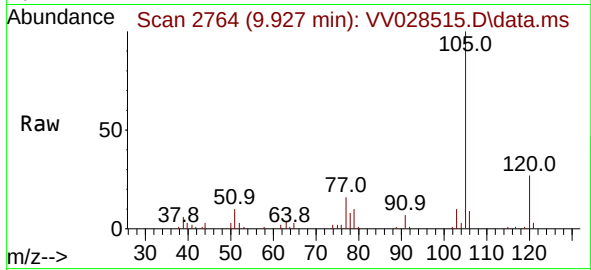
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Tgt Ion:105	Resp:	20310
Ion Ratio	Lower	Upper
105	100	
120	27.3	20.5 30.7
77	16.3	12.7 19.1

Manual Integrations
APPROVED

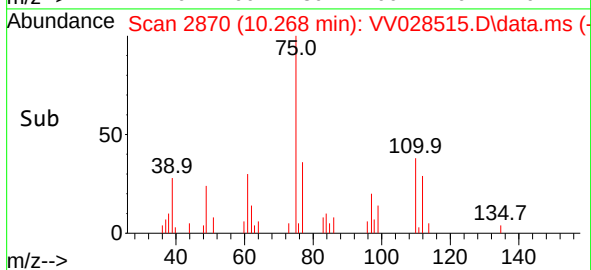
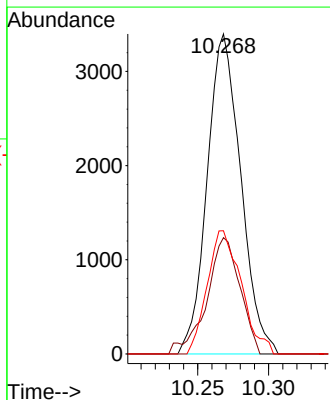
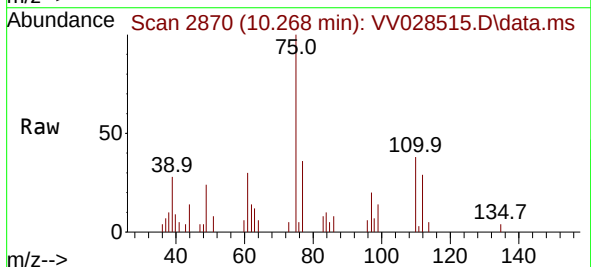
Reviewed By :Krupa
Patel
10/12/2022

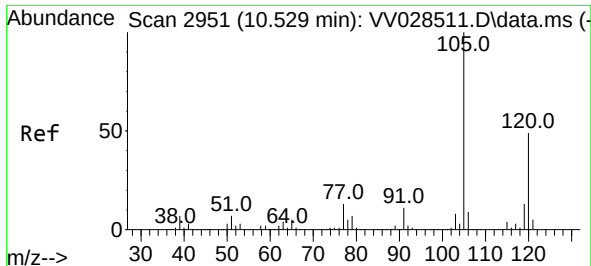
Supervised By :Mahesh
Dadoda
10/12/2022



#61
1,2,3-Trichloropropane
Concen: 2.003 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Tgt Ion: 75	Resp:	5609
Ion Ratio	Lower	Upper
75	100	
77	34.7	25.7 38.5
110	39.0	30.0 45.0





#62

1,3,5-Trimethylbenzene

Concen: 2.040 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV028515.D

Acq: 11 Oct 2022 11:54

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2022-08

Tgt Ion:105 Resp: 16750

Ion Ratio Lower Upper

105 100

120 51.4 39.1 58.7

Manual Integrations

APPROVED

Reviewed By :Krupa

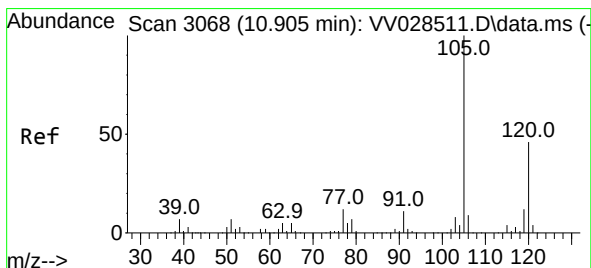
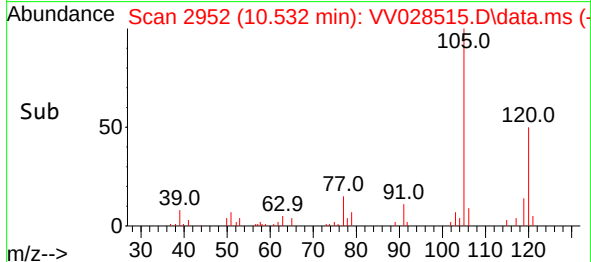
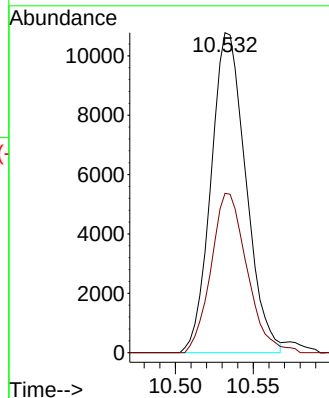
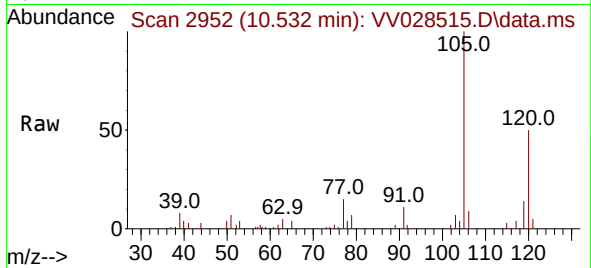
Patel

10/12/2022

Supervised By :Mahesh

Dadoda

10/12/2022



#63

1,2,4-Trimethylbenzene

Concen: 2.020 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV028515.D

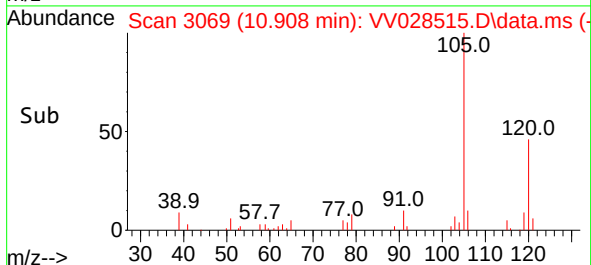
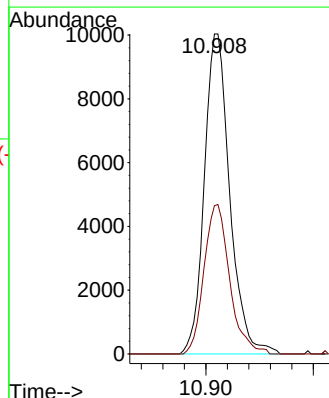
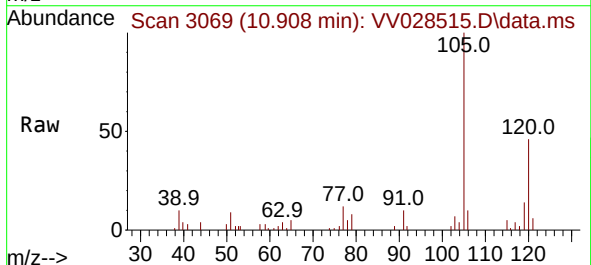
Acq: 11 Oct 2022 11:54

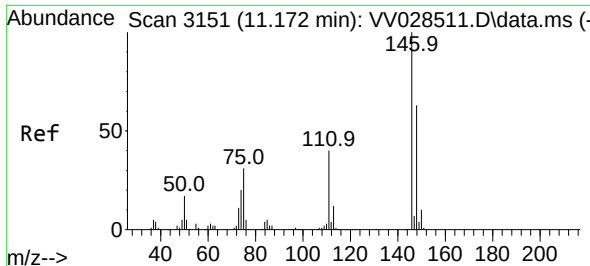
Tgt Ion:105 Resp: 16461

Ion Ratio Lower Upper

105 100

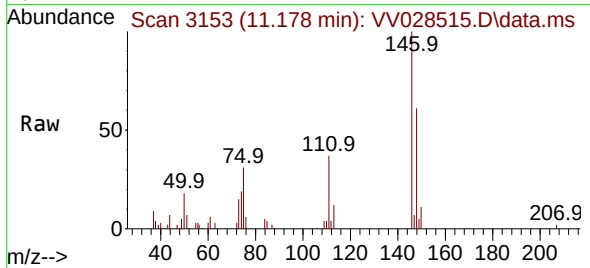
120 46.8 35.9 53.9





#64
1,3-Dichlorobenzene
Concen: 2.109 ug/L
RT: 11.178 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

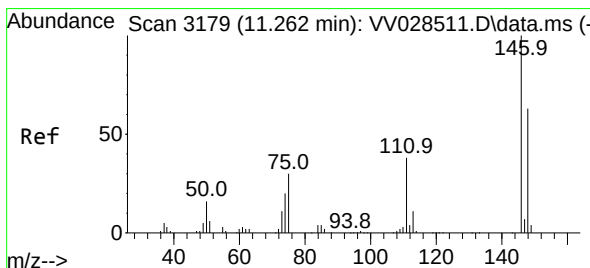
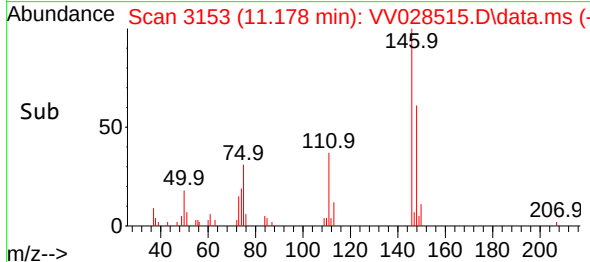
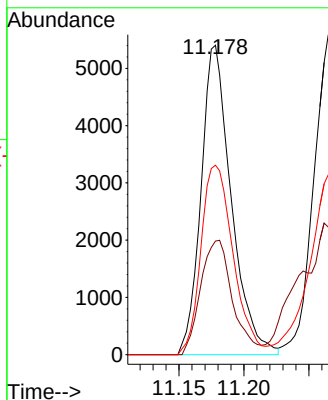


Tgt Ion:146 Resp: 8749
Ion Ratio Lower Upper
146 100
111 36.7 29.0 53.9
148 61.2 44.6 82.8

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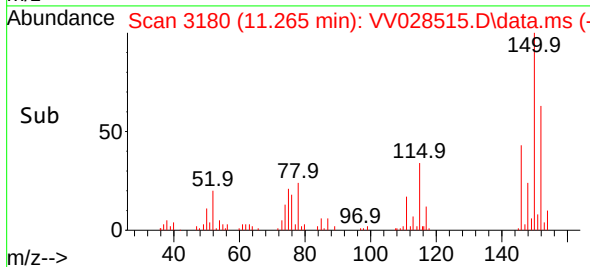
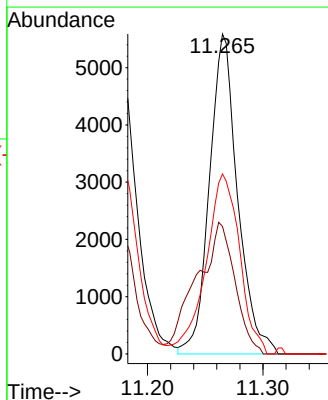
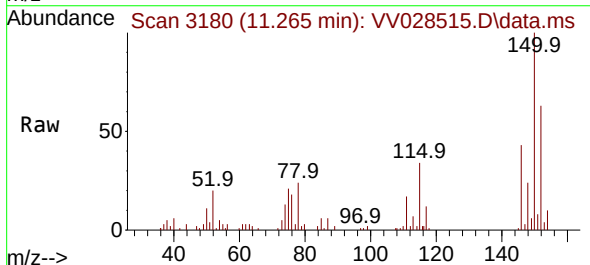
Reviewed By :Krupa
Patel
10/12/2022

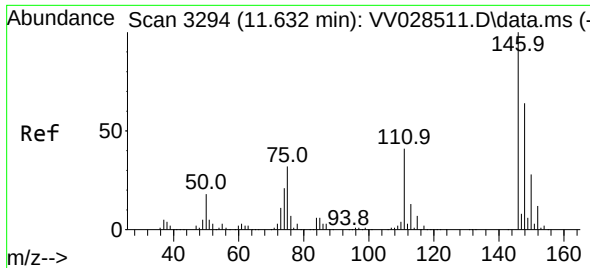
Supervised By :Mahesh
Dadoda
10/12/2022



#65
1,4-Dichlorobenzene
Concen: 2.289 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

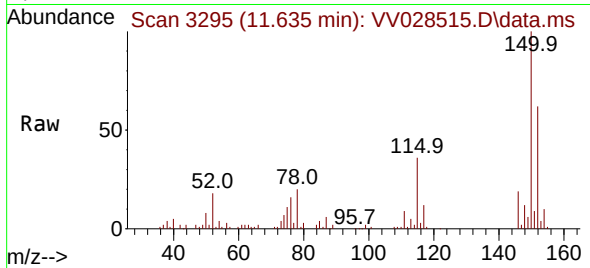
Tgt Ion:146 Resp: 9469
Ion Ratio Lower Upper
146 100
111 39.9 26.6 49.4
148 56.3 43.4 80.6





#67
1,2-Dichlorobenzene
Concen: 2.209 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

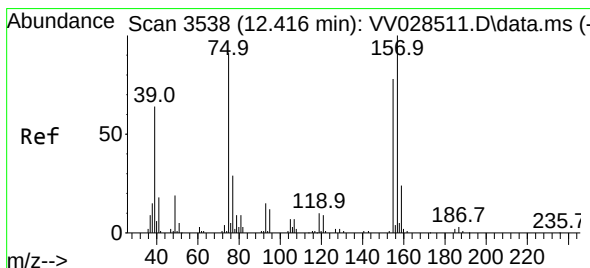
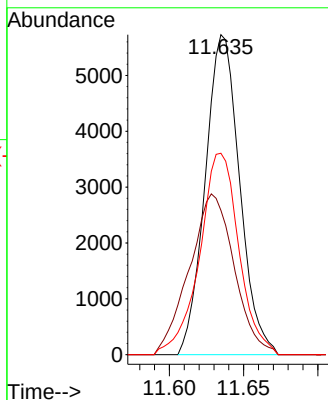
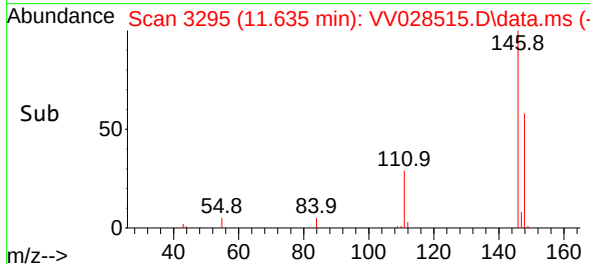


Tgt Ion:146 Resp: 924
Ion Ratio Lower Upper
146 100
111 45.1 33.9 50.9
148 63.0 50.6 75.8

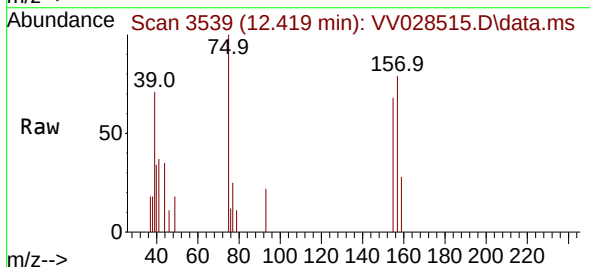
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Reviewed By :Krupa
Patel
10/12/2022

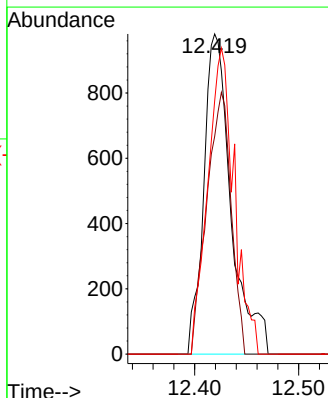
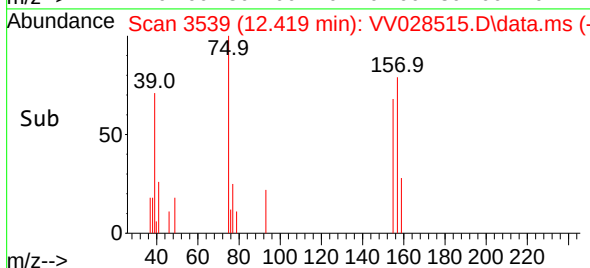
Supervised By :Mahesh
Dadoda
10/12/2022

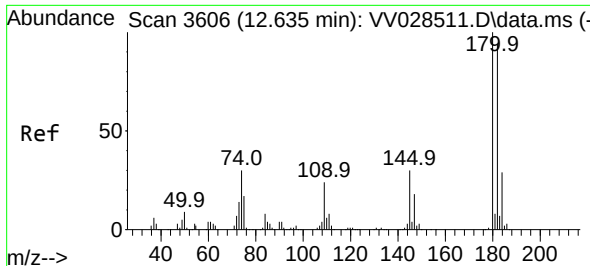


#68
1,2-Dibromo-3-chloropropane
Concen: 2.088 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54



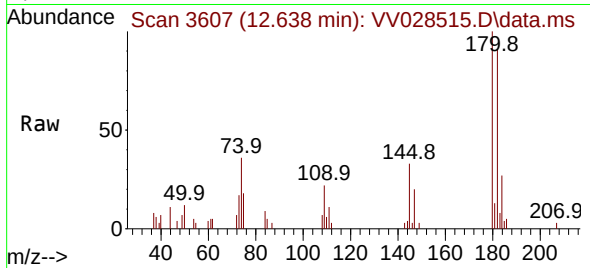
Tgt Ion: 75 Resp: 1790
Ion Ratio Lower Upper
75 100
155 68.0 65.0 97.6
157 79.1 86.0 129.0#





#69
1,3,5-Trichlorobenzene
Concen: 2.013 ug/L
RT: 12.638 min Scan# 3606
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

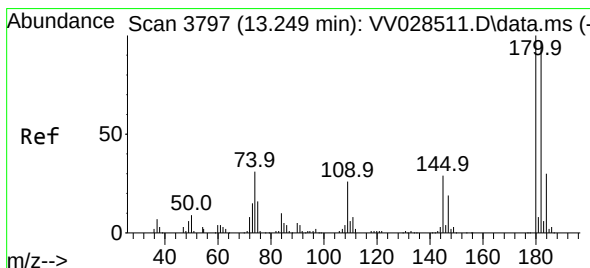
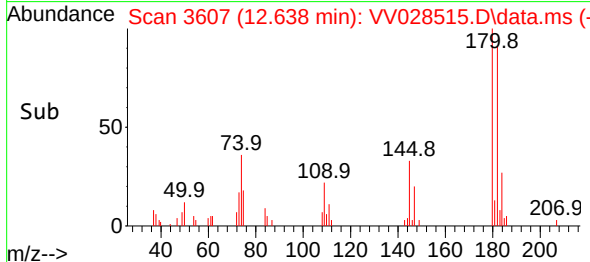
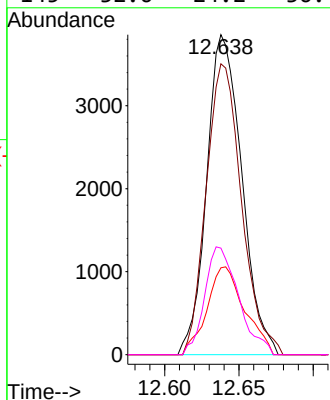


Tgt Ion:180 Resp: 6339
Ion Ratio Lower Upper
180 100
182 91.5 75.9 113.9
184 29.4 24.0 36.0
145 32.6 24.2 36.4

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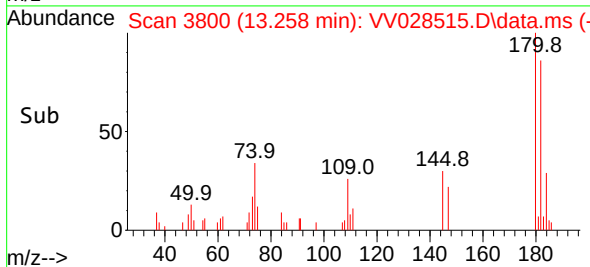
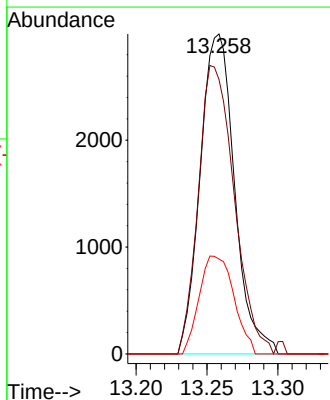
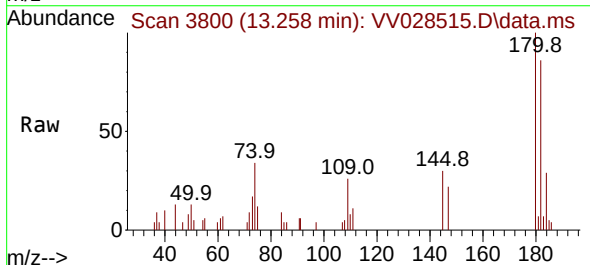
Reviewed By :Krupa
Patel
10/12/2022

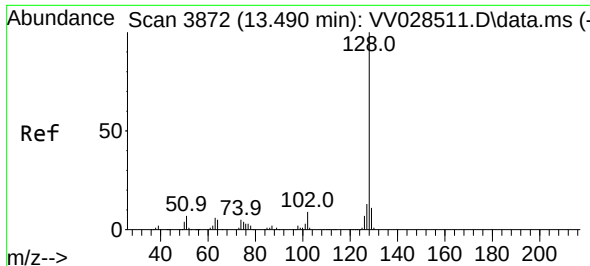
Supervised By :Mahesh
Dadoda
10/12/2022



#70
1,2,4-trichlorobenzene
Concen: 1.819 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. 0.010 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

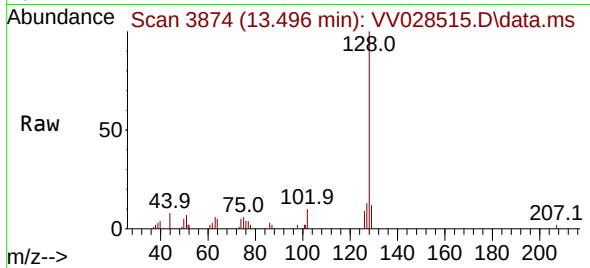
Tgt Ion:180 Resp: 5050
Ion Ratio Lower Upper
180 100
182 93.9 75.3 112.9
145 30.8 24.3 36.5





#71
Naphthalene
Concen: 1.631 ug/L
RT: 13.496 min Scan# 3872
Delta R.T. 0.006 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

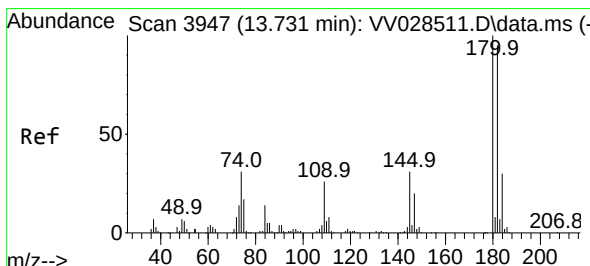
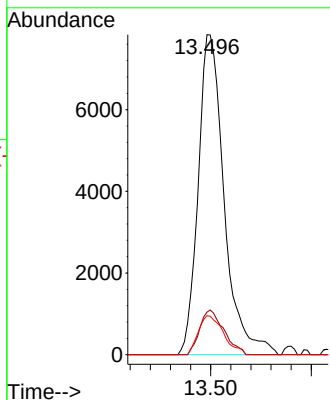
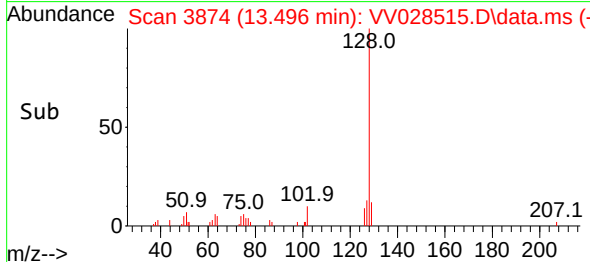


Tgt Ion:128 Resp: 1408
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.8 8.9 13.3

Manual Integrations
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Reviewed By :Krupa
Patel
10/12/2022

Supervised By :Mahesh
Dadoda
10/12/2022



#72
1,2,3-Trichlorobenzene
Concen: 1.888 ug/L
RT: 13.734 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VV028515.D
Acq: 11 Oct 2022 11:54

Tgt Ion:180 Resp: 5109
Ion Ratio Lower Upper
180 100
182 102.0 75.4 113.0
145 30.9 26.5 39.7

