

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051024\
 Data File : VV035574.D
 Acq On : 10 May 2024 11:16
 Operator : SY/MD
 Sample : P2409-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-03

Quant Time: May 10 23:50:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 23:44:12 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda
 05/13/2024

Supervised By :Semsettin
 Yesilyurt
 05/13/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	453017	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	451817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	198996	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.275	65	144227	41.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.580%
7) Chloroethane-d5	1.519	69	127748	49.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.260%
11) 1,1-Dichloroethene-d2	2.053	65	64206	42.820	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.640%
21) 2-Butanone-d5	3.783	46	211223	89.599	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.600%
24) Chloroform-d	4.243	84	302677	47.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
26) 1,2-Dichloroethane-d4	4.937	65	187689	49.743	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.480%
32) Benzene-d6	4.957	84	593236	46.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.300%
36) 1,2-Dichloropropane-d6	5.985	67	196064	49.445	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.900%
41) Toluene-d8	7.239	98	507662	43.855	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.700%
43) trans-1,3-Dichloroprop...	7.551	79	83352	43.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.260%
47) 2-Hexanone-d5	8.021	63	154907	85.011	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.010%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	268298	44.404	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	198779	50.278	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.560%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	7781	2.564	ug/L	98
3) Chloromethane	1.214	50	9538	2.901	ug/L	99
5) Vinyl chloride	1.281	62	9140	2.640	ug/L #	76
6) Bromomethane	1.474	94	4907	2.229	ug/L	100
8) Chloroethane	1.539	64	5861	2.944	ug/L	96
9) Trichlorofluoromethane	1.706	101	11416	2.451	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	9271	3.140	ug/L	85
12) 1,1-Dichloroethene	2.063	96	8005	3.035	ug/L #	1
13) Acetone	2.114	43	11554m	5.294	ug/L	
14) Carbon disulfide	2.236	76	16835	2.430	ug/L	99
15) Methyl Acetate	2.381	43	8487	2.397	ug/L	98
16) Methylene chloride	2.445	84	10161	3.041	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	6495	2.330	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	21966	2.241	ug/L	96
19) 1,1-Dichloroethane	3.111	63	14201	2.426	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	8013	2.417	ug/L	93
22) 2-Butanone	3.918	43	12012m	4.649	ug/L	
23) Bromochloromethane	4.156	128	4334	2.390	ug/L #	90
27) 1,2-Dichloroethane	5.056	62	11225m	2.596	ug/L	

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Yesilyurt

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
29) Cyclohexane	4.584	56	8663	2.147	ug/L	#	92
30) 1,1,1-Trichloroethane	4.513	97	12687	2.454	ug/L		100
31) Carbon tetrachloride	4.735	117	11288	2.525	ug/L		94
33) Benzene	5.014	78	28052	2.299	ug/L		100
34) Trichloroethene	5.841	95	8666	2.669	ug/L		96
35) Methylcyclohexane	6.047	83	10378m	2.266	ug/L		
37) 1,2-Dichloropropane	6.101	63	8985m	2.680	ug/L		
38) Bromodichloromethane	6.442	83	11548	2.504	ug/L		99
39) cis-1,3-Dichloropropene	6.966	75	12758m	2.424	ug/L		
40) 4-Methyl-2-pentanone	7.165	43	19944m	4.457	ug/L		
42) Toluene	7.323	91	29301	2.289	ug/L		99
44) trans-1,3-Dichloropropene	7.590	75	12365m	2.474	ug/L		
45) 1,1,2-Trichloroethane	7.776	97	8585	2.395	ug/L		97
46) Tetrachloroethene	7.908	164	6080	2.318	ug/L		97
48) 2-Hexanone	8.088	43	19826m	5.446	ug/L		
49) Dibromochloromethane	8.178	129	9197	2.451	ug/L		96
50) 1,2-Dibromoethane	8.291	107	8950	2.389	ug/L	#	95
51) Chlorobenzene	8.815	112	21220	2.388	ug/L		96
52) Ethylbenzene	8.953	91	28742	2.079	ug/L		98
53) m,p-Xylene	9.079	106	10074	1.964	ug/L		99
54) o-Xylene	9.480	106	10207	1.975	ug/L		95
55) Styrene	9.506	104	15377	1.721	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.175	83	14536	2.370	ug/L	#	98
59) Bromoform	9.667	173	7005	2.722	ug/L	#	97
60) Isopropylbenzene	9.866	105	24846	2.162	ug/L		98
61) 1,2,3-Trichloropropane	10.210	75	11639	2.915	ug/L		98
62) 1,3,5-Trimethylbenzene	10.477	105	18627	2.025	ug/L		99
63) 1,2,4-Trimethylbenzene	10.853	105	18286	1.983	ug/L		98
64) 1,3-Dichlorobenzene	11.124	146	13944	2.343	ug/L		97
65) 1,4-Dichlorobenzene	11.207	146	16306	2.597	ug/L		98
67) 1,2-Dichlorobenzene	11.577	146	17748	2.851	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.365	75	3332	2.834	ug/L	#	76
69) 1,3,5-Trichlorobenzene	12.583	180	10696	2.368	ug/L		100
70) 1,2,4-trichlorobenzene	13.204	180	9406	2.364	ug/L		98
71) Naphthalene	13.445	128	21933	1.967	ug/L		100
72) 1,2,3-Trichlorobenzene	13.683	180	9858	2.387	ug/L		99

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

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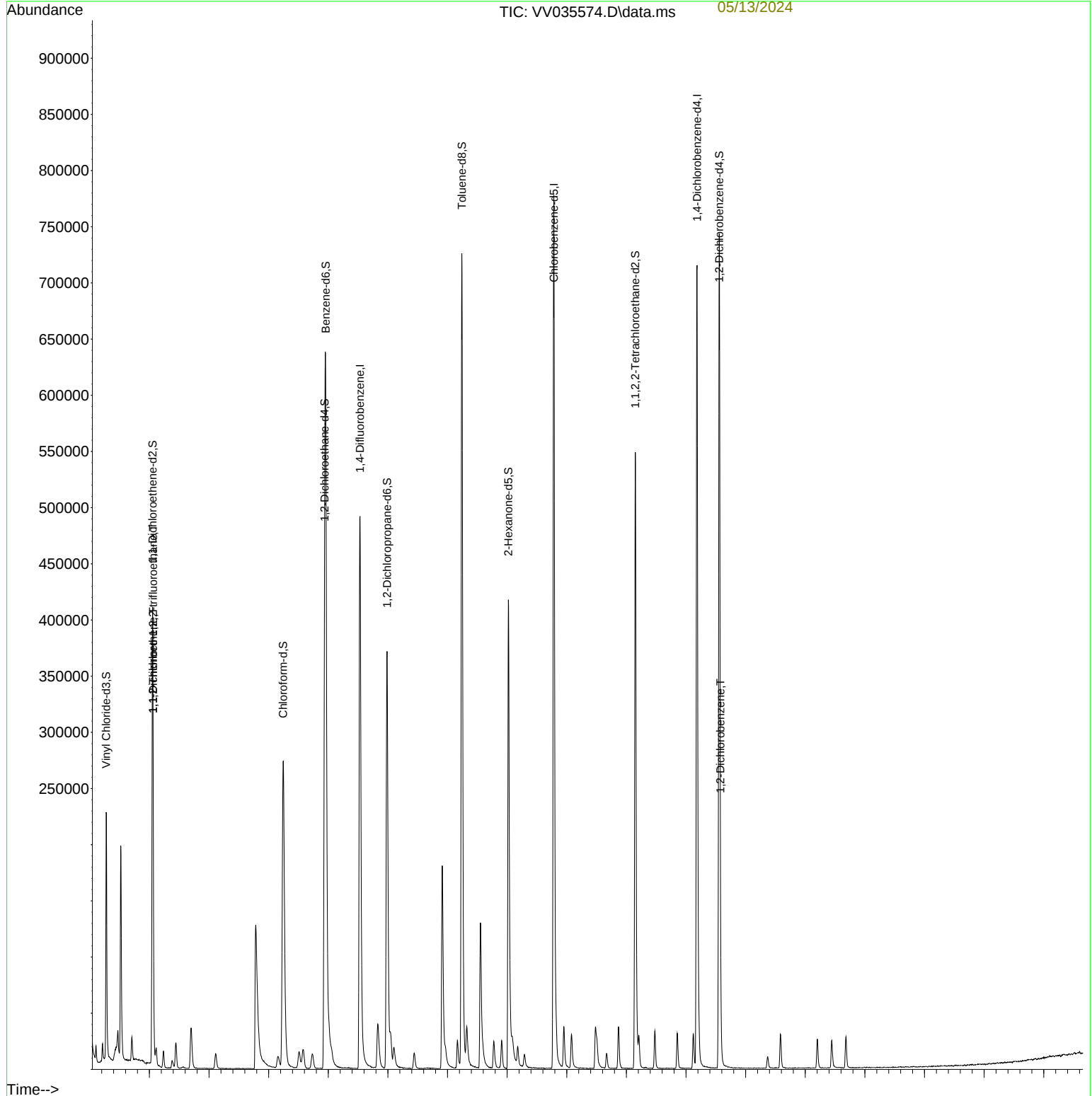
Manual Integrations
APPROVED

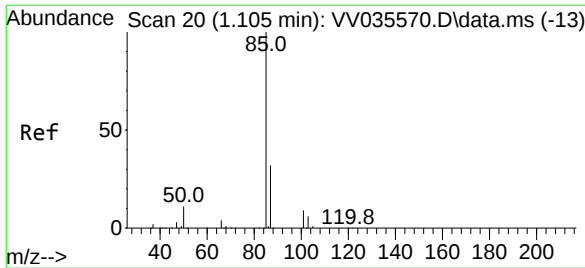
Reviewed By :Mahesh
Dadoda

05/13/2024

Supervised By :Semsettin
Yesilyurt

05/13/2024





#2
Dichlorodifluoromethane
Concen: 2.564 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

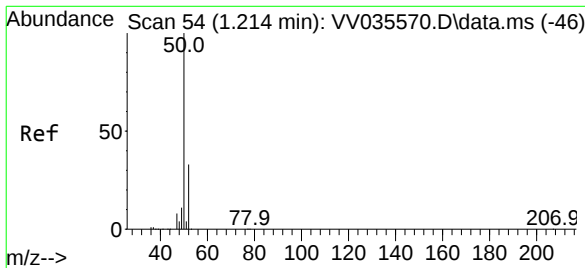
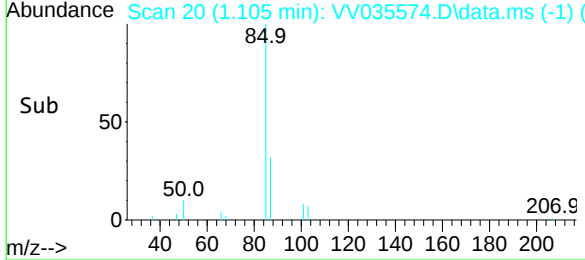
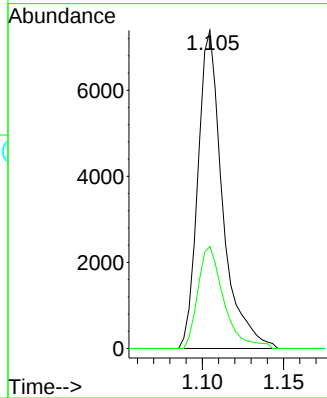
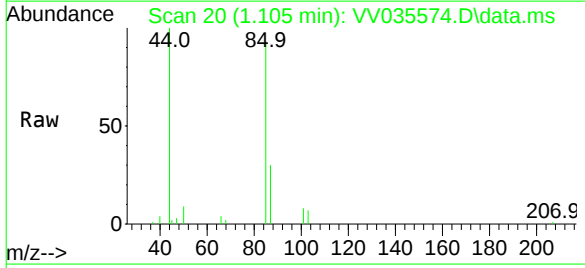
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 85 Resp: 7781
Ion Ratio Lower Upper
85 100
87 33.7 25.8 38.8

Manual Integrations
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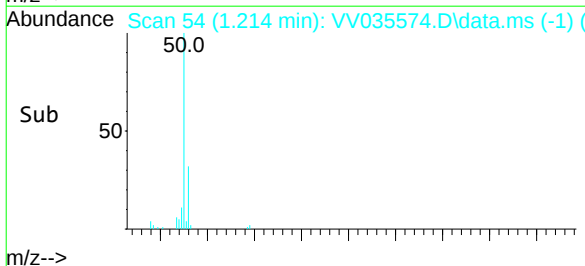
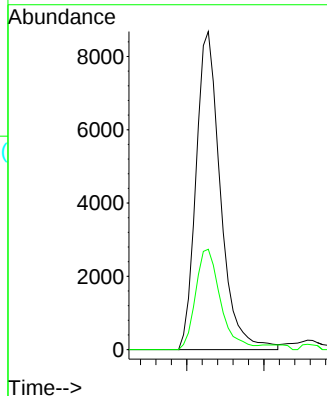
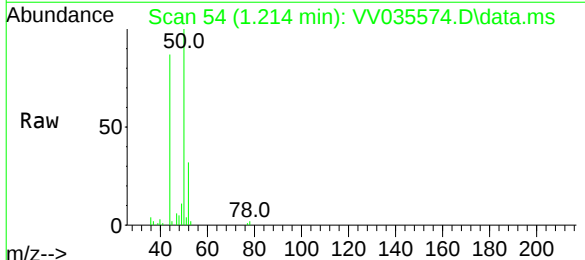
Reviewed By :Mahesh
Dadoda
05/13/2024

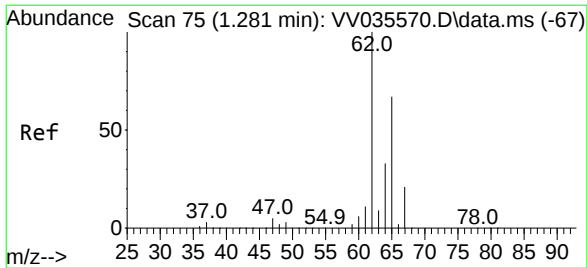
Supervised By :Semsettin
Yesilyurt
05/13/2024



#3
Chloromethane
Concen: 2.901 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

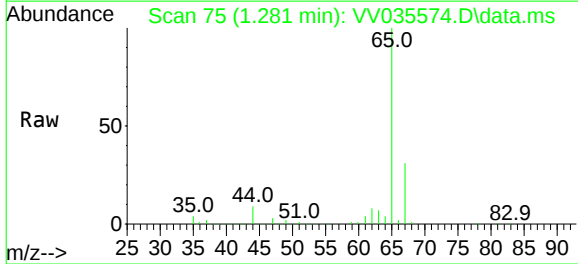
Tgt Ion: 50 Resp: 9538
Ion Ratio Lower Upper
50 100
52 31.6 22.6 42.0





#5
 Vinyl chloride
 Concen: 2.640 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV035574.D
 Acq: 10 May 2024 11:16

Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03

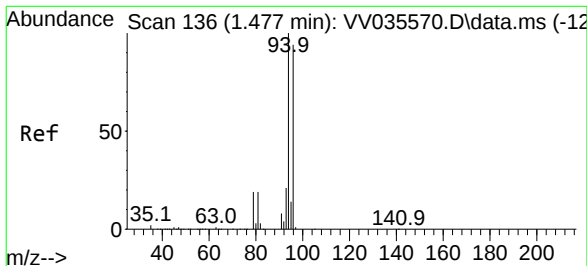
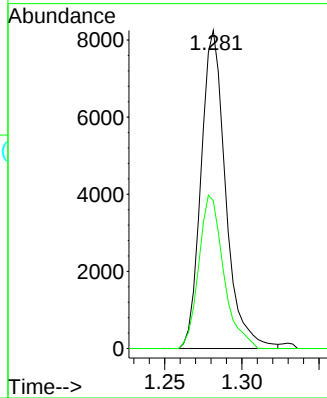
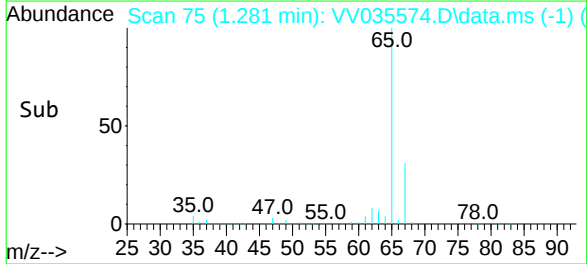


Tgt Ion: 62 Resp: 9140
 Ion Ratio Lower Upper
 62 100
 64 46.5 22.9 42.5#

Manual Integrations
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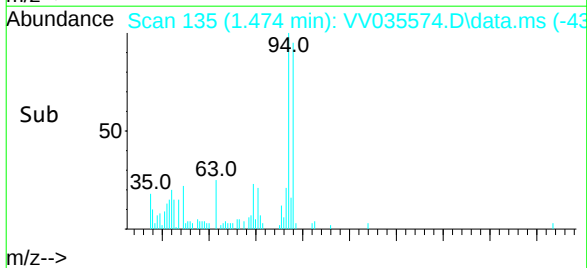
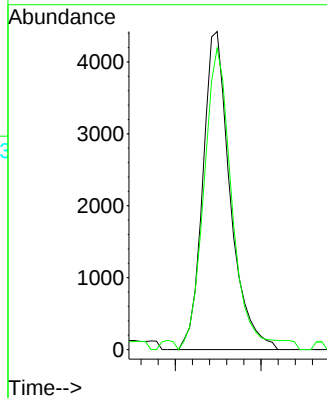
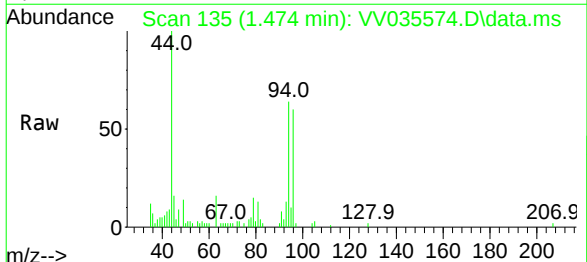
Reviewed By :Mahesh
 Dadoda
 05/13/2024

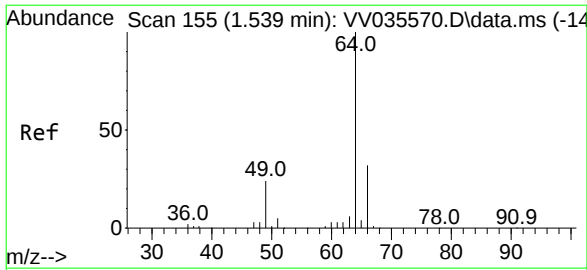
Supervised By :Semsettin
 Yesilyurt
 05/13/2024



#6
 Bromomethane
 Concen: 2.229 ug/L
 RT: 1.474 min Scan# 135
 Delta R.T. -0.003 min
 Lab File: VV035574.D
 Acq: 10 May 2024 11:16

Tgt Ion: 94 Resp: 4907
 Ion Ratio Lower Upper
 94 100
 96 94.8 66.2 123.0





#8
Chloroethane
Concen: 2.944 ug/L
RT: 1.539 min Scan# 15
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

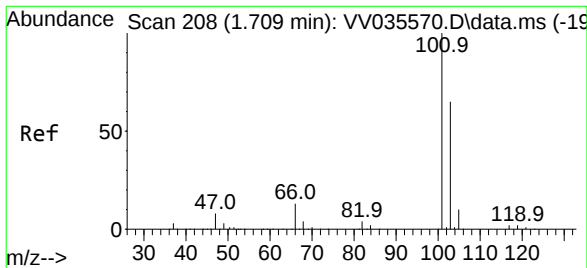
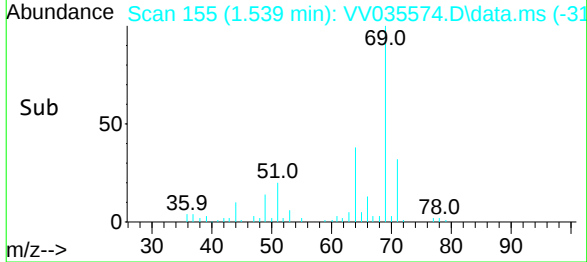
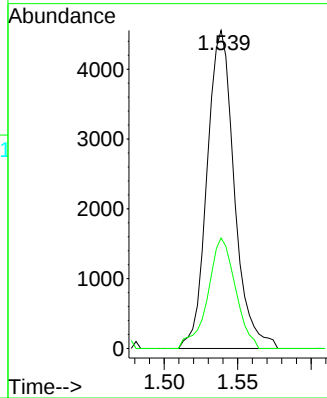
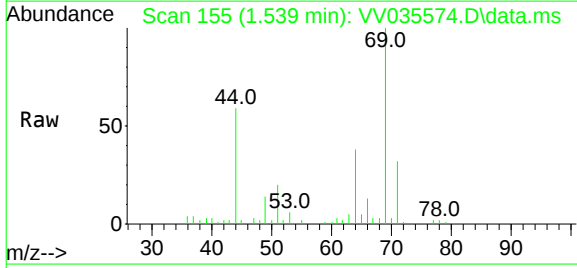
Instrument :
MSVOA_V
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MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 64 Resp: 5861
Ion Ratio Lower Upper
64 100
66 34.7 22.7 42.1

Manual Integrations
APPROVED

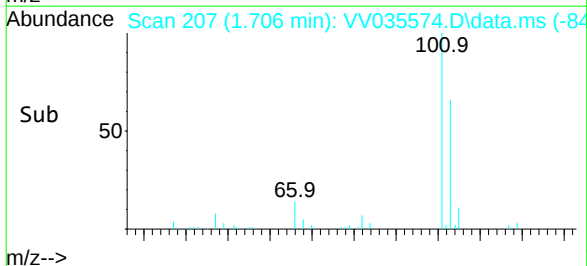
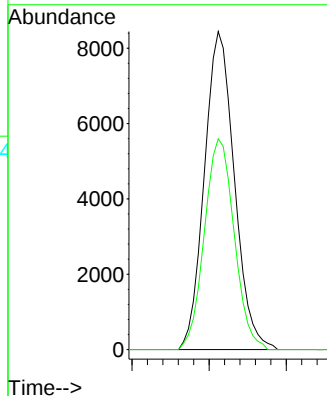
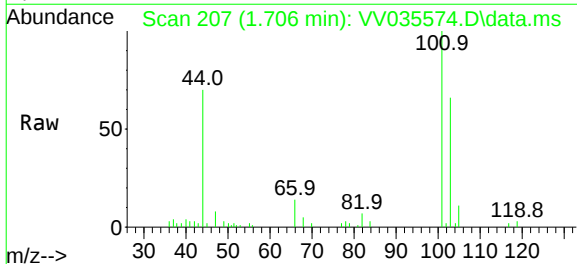
Reviewed By :Mahesh
Dadoda
05/13/2024

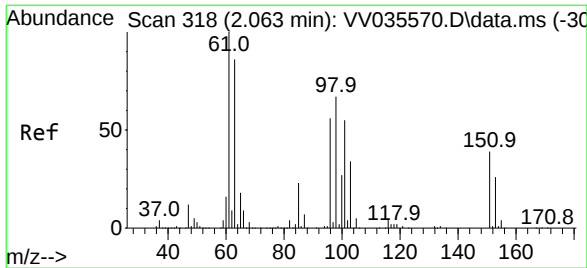
Supervised By :Semsettin
Yesilyurt
05/13/2024



#9
Trichlorofluoromethane
Concen: 2.451 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion:101 Resp: 11416
Ion Ratio Lower Upper
101 100
103 65.8 52.0 78.0





#10

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

Concen: 3.140 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035574.D

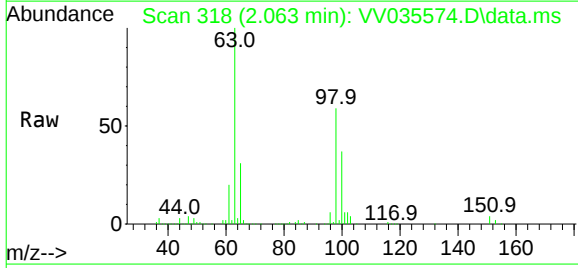
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Instrument :

MSVOA_V

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Tgt Ion:	101	Resp:	9271
Ion Ratio	Lower	Upper	
101	100		
85	35.9	34.4	51.6
151	61.0	60.1	90.1

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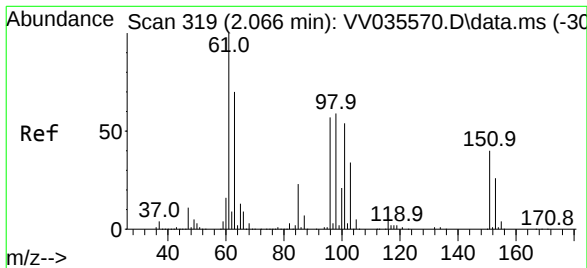
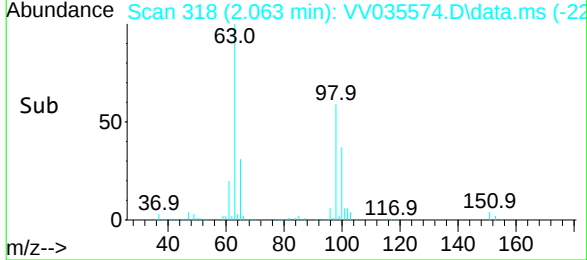
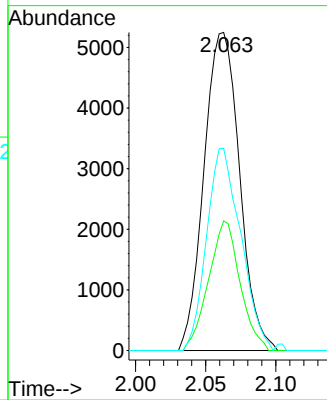
Dadoda

05/13/2024

Supervised By :Semsettin

Yesilyurt

05/13/2024



#12

1,1-Dichloroethene

Concen: 3.035 ug/L

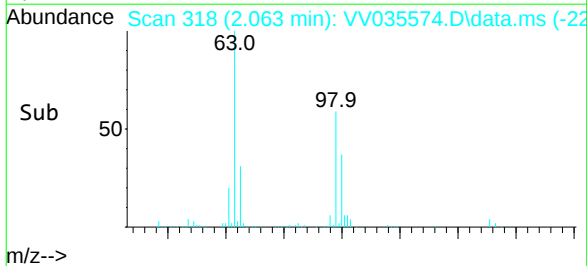
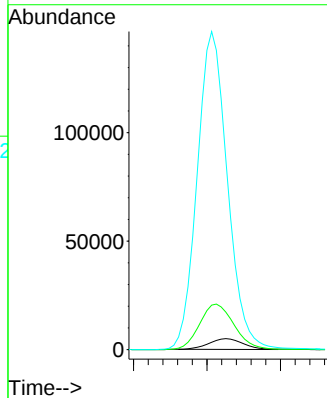
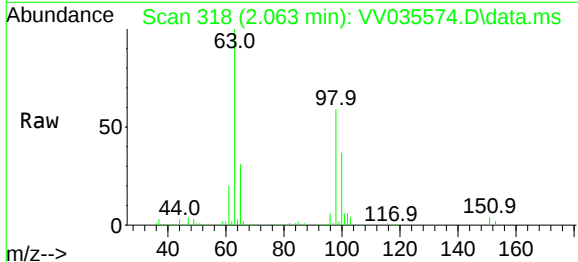
RT: 2.063 min Scan# 318

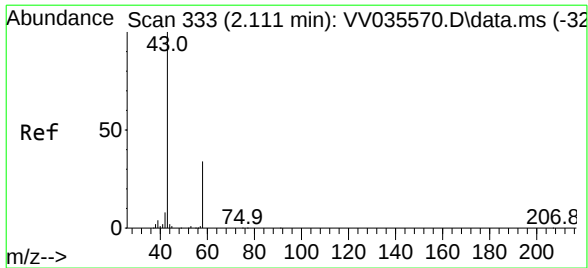
Delta R.T. -0.003 min

Lab File: VV035574.D

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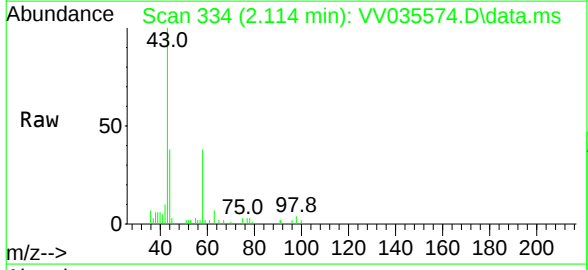
Tgt Ion:	96	Resp:	8005
Ion Ratio	Lower	Upper	
96	100		
61	342.1	126.5	234.9#
63	1739.0	118.1	219.3#





#13
 Acetone
 Concen: 5.294 ug/L m
 RT: 2.114 min Scan# 333
 Delta R.T. 0.003 min
 Lab File: VV035574.D
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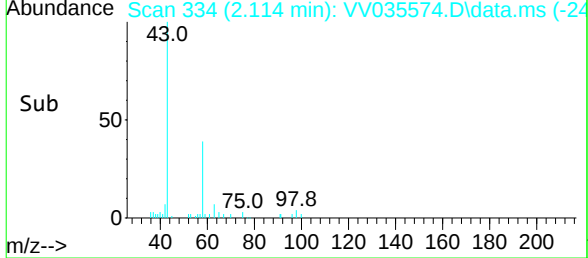
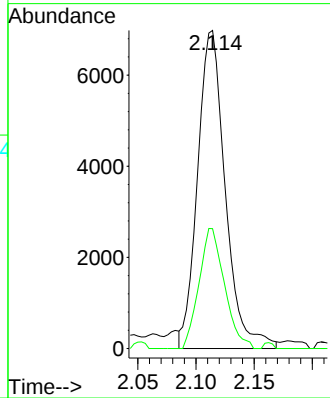
Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03



Tgt Ion: 43 Resp: 11554
 Ion Ratio Lower Upper
 43 100
 58 34.7 0.0 68.8

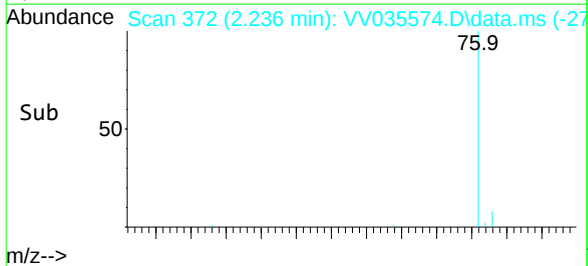
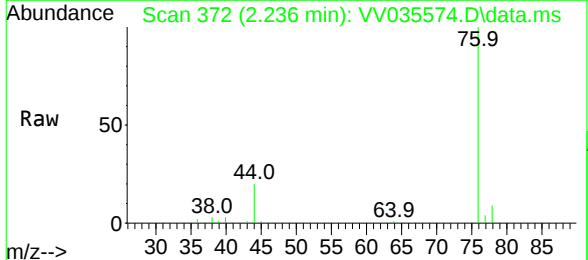
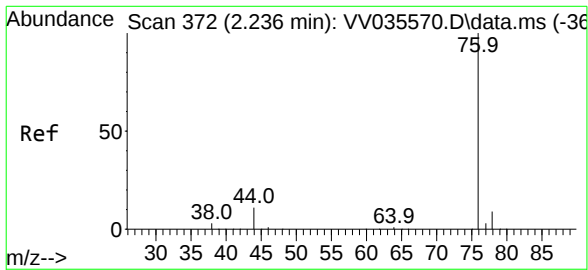
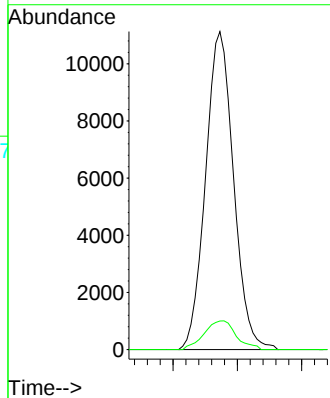
Manual Integrations
 APPROVED

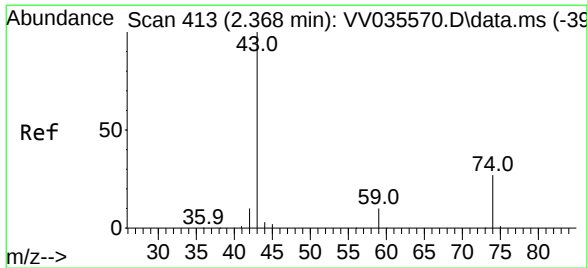
Reviewed By :Mahesh
 Dadoda
 05/13/2024
 Supervised By :Semsettin
 Yesilyurt
 05/13/2024



#14
 Carbon disulfide
 Concen: 2.430 ug/L
 RT: 2.236 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VV035574.D
 Acq: 10 May 2024 11:16

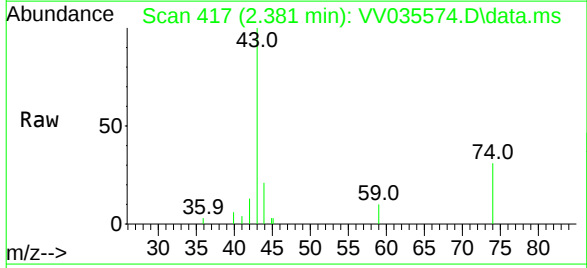
Tgt Ion: 76 Resp: 16835
 Ion Ratio Lower Upper
 76 100
 78 9.0 7.6 11.4





#15
Methyl Acetate
Concen: 2.397 ug/L
RT: 2.381 min Scan# 413
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

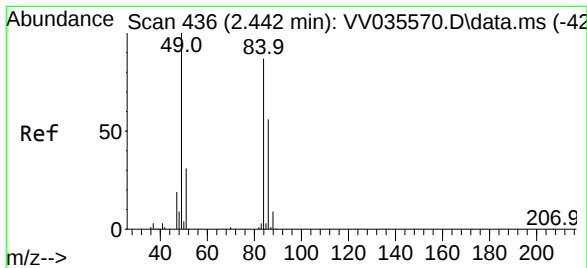
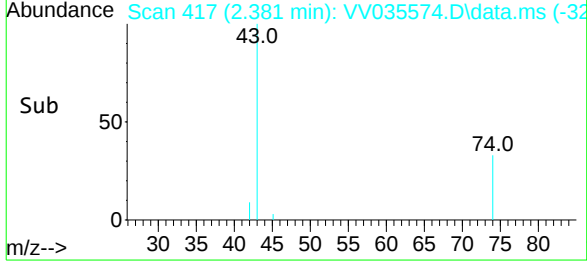
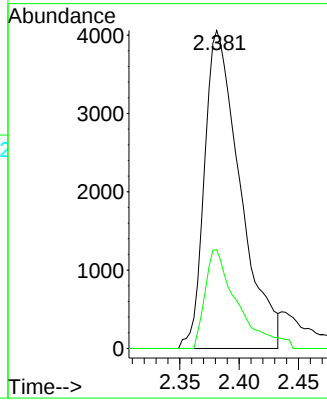


Tgt Ion: 43 Resp: 8487
Ion Ratio Lower Upper
43 100
74 27.9 21.6 32.4

Manual Integrations
APPROVED

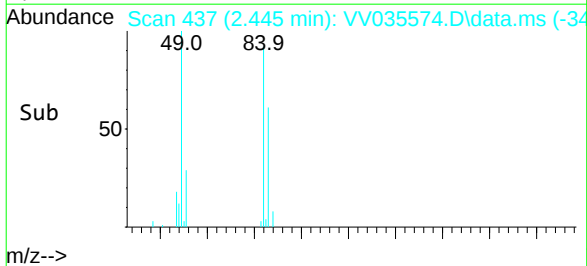
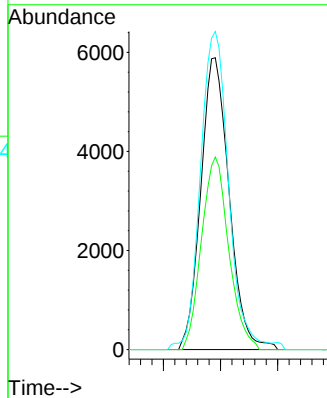
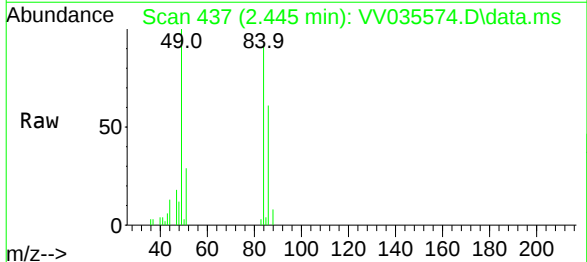
Reviewed By :Mahesh
Dadoda
05/13/2024

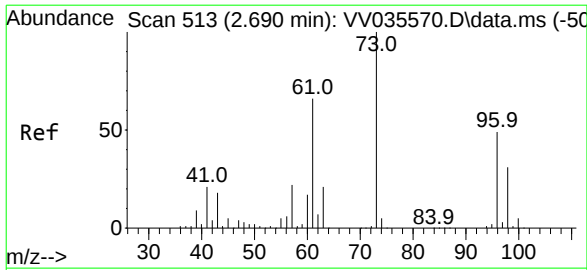
Supervised By :Semsettin
Yesilyurt
05/13/2024



#16
Methylene chloride
Concen: 3.041 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion: 84 Resp: 10161
Ion Ratio Lower Upper
84 100
86 66.0 45.3 84.1
49 109.0 76.9 142.7





#17
trans-1,2-Dichloroethene
Concen: 2.330 ug/L
RT: 2.696 min Scan# 511
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

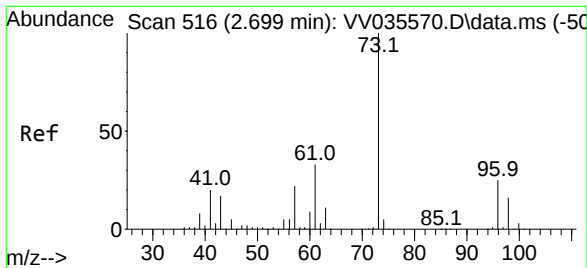
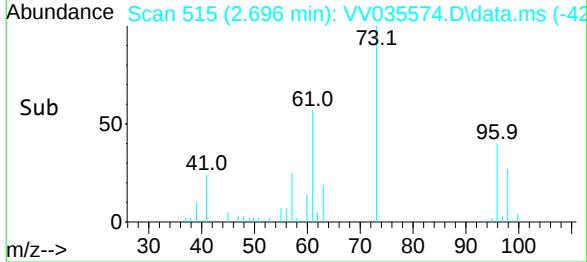
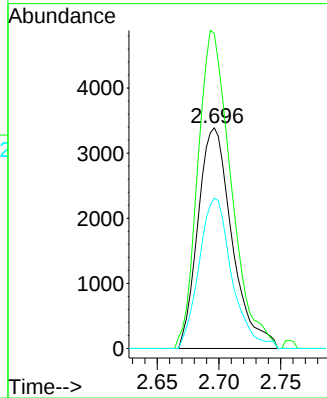
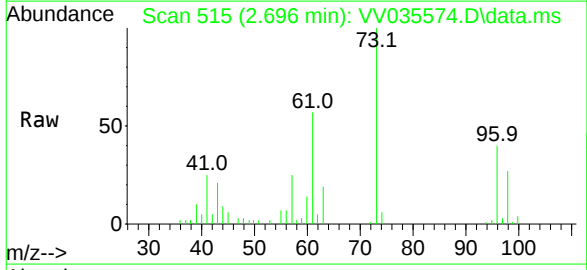
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 96 Resp: 6495
Ion Ratio Lower Upper
96 100
61 142.9 95.5 177.3
98 68.2 44.9 83.5

Manual Integrations
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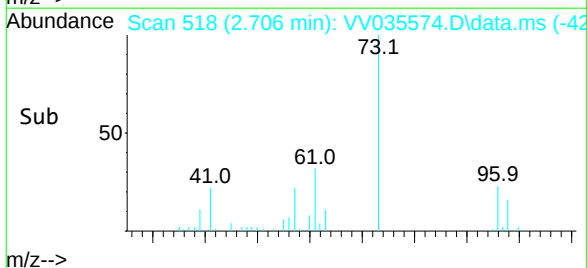
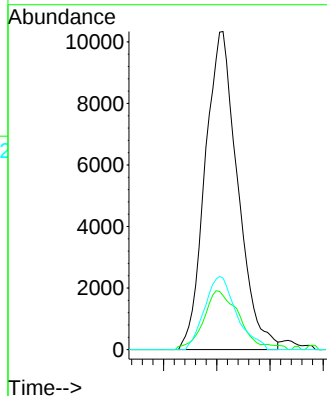
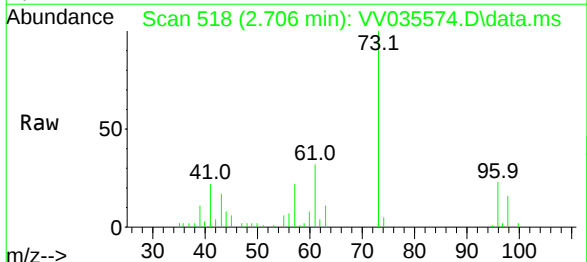
Reviewed By :Mahesh
Dadoda
05/13/2024

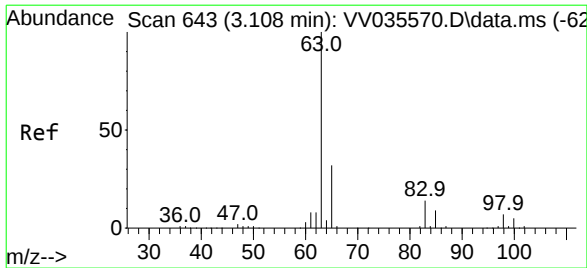
Supervised By :Semsettin
Yesilyurt
05/13/2024



#18
Methyl tert-butyl Ether
Concen: 2.241 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion: 73 Resp: 21966
Ion Ratio Lower Upper
73 100
43 19.6 13.6 20.4
57 22.5 17.4 26.0





#19
1,1-Dichloroethane
Concen: 2.426 ug/L
RT: 3.111 min Scan# 643
Delta R.T. 0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

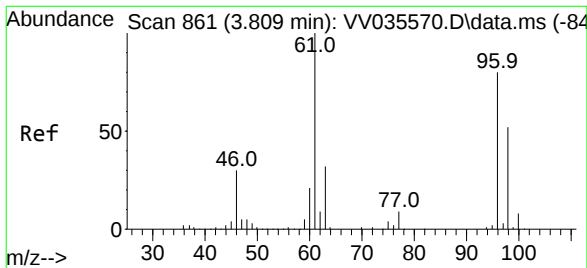
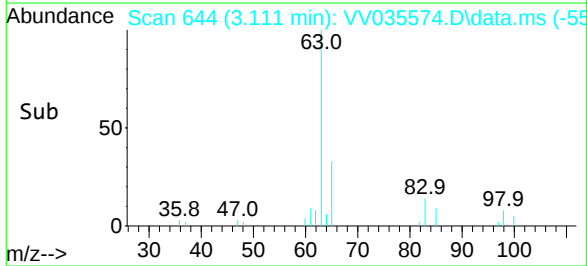
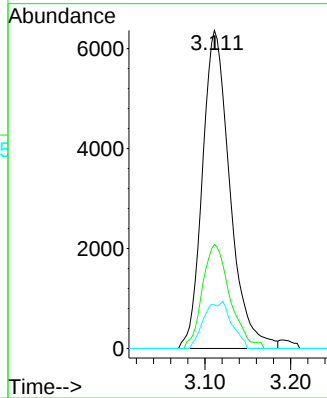
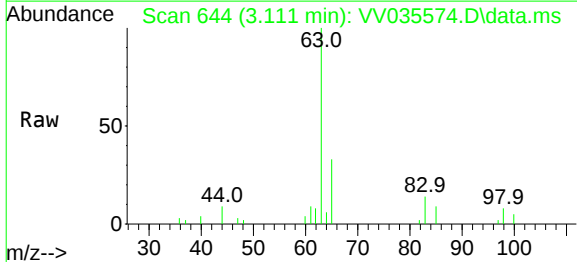
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	63	Resp:	14201
Ion	Ratio	Lower	Upper
63	100		
65	32.7	21.8	40.4
83	13.7	9.2	17.2

Manual Integrations
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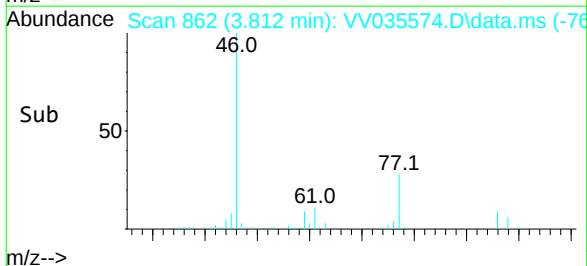
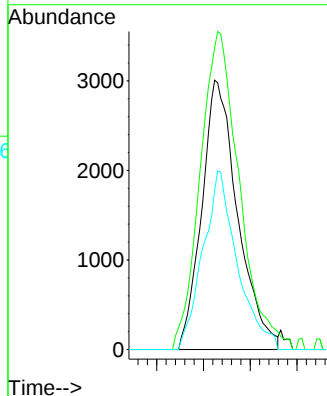
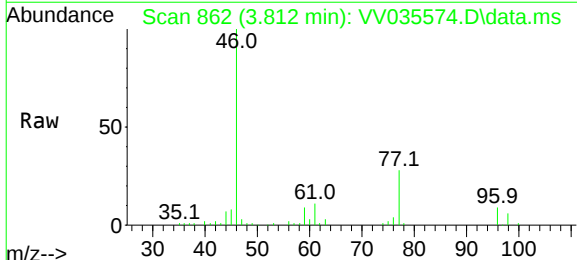
Reviewed By :Mahesh
Dadoda
05/13/2024

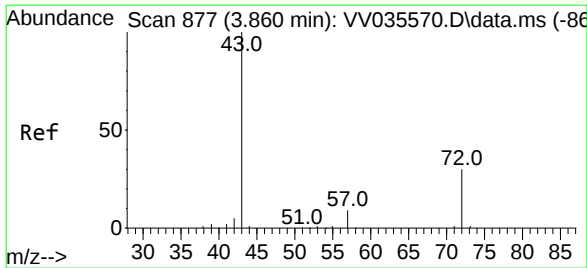
Supervised By :Semsettin
Yesilyurt
05/13/2024



#20
cis-1,2-Dichloroethene
Concen: 2.417 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

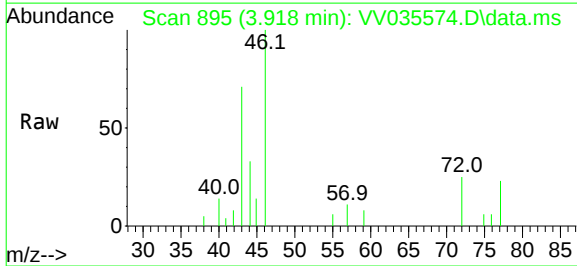
Tgt Ion:	96	Resp:	8013
Ion	Ratio	Lower	Upper
96	100		
61	112.0	84.0	156.0
98	58.9	44.9	83.5





#22
2-Butanone
Concen: 4.649 ug/L m
RT: 3.918 min Scan# 89
Delta R.T. 0.058 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

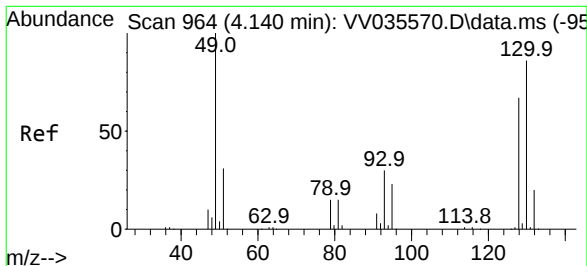
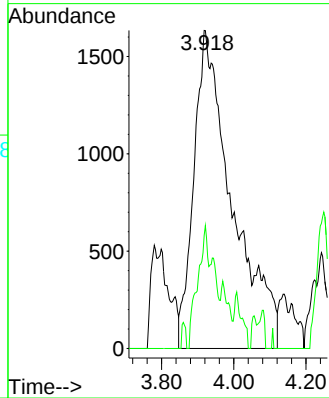
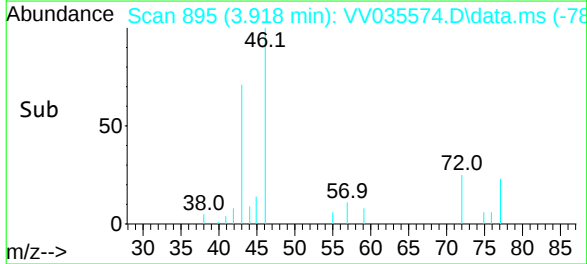


Tgt Ion: 43 Resp: 12012
Ion Ratio Lower Upper
43 100
72 0.8 14.4 43.0#

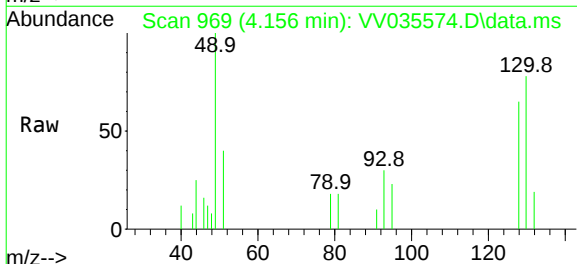
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda
05/13/2024

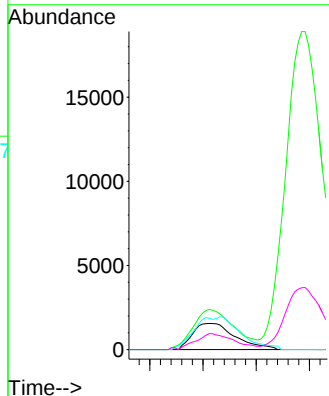
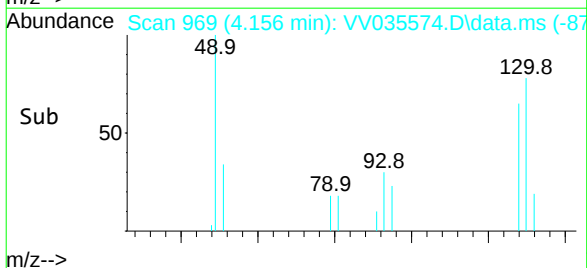
Supervised By :Semsettin
Yesilyurt
05/13/2024

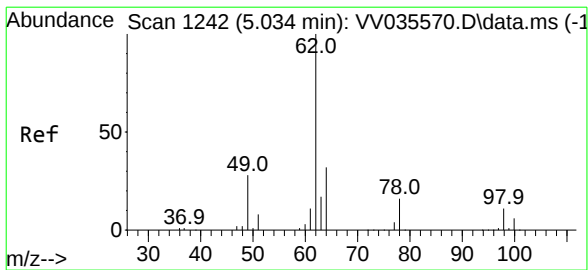


#23
Bromochloromethane
Concen: 2.390 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.016 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16



Tgt Ion:128 Resp: 4334
Ion Ratio Lower Upper
128 100
49 153.6 102.0 189.4
130 119.1 91.5 169.9
51 61.0 37.3 55.9#





#27

1,2-Dichloroethane

Concen: 2.596 ug/L m

RT: 5.056 min Scan# 12

Delta R.T. 0.023 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 62 Resp: 11225

Ion Ratio Lower Upper

62 100

98 13.7 8.2 12.2#

Manual Integrations

APPROVED

Reviewed By :Mahesh

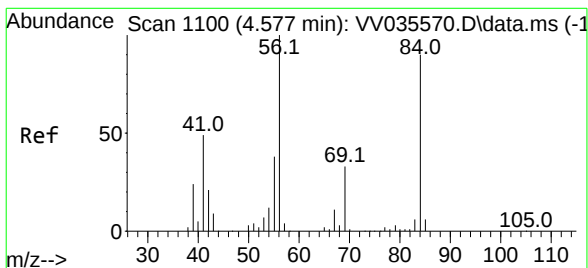
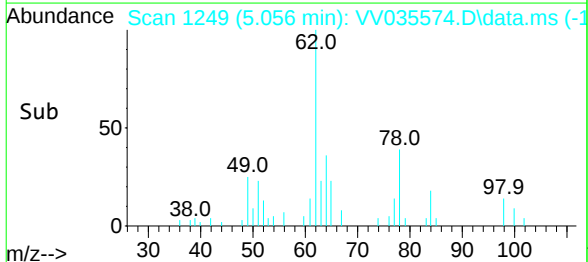
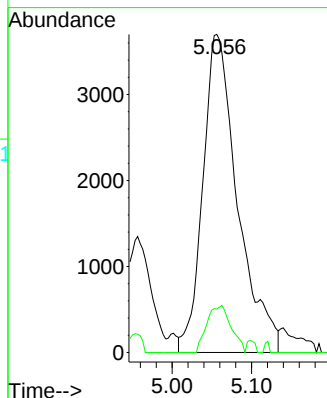
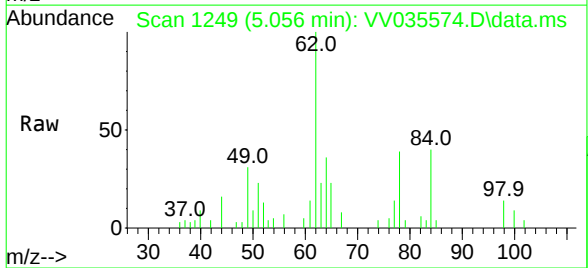
Dadoda

05/13/2024

Supervised By :Semsettin

Yesilyurt

05/13/2024



#29

Cyclohexane

Concen: 2.147 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.007 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

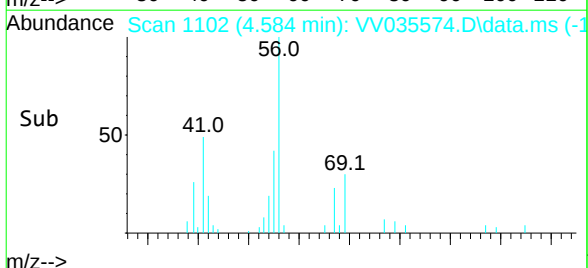
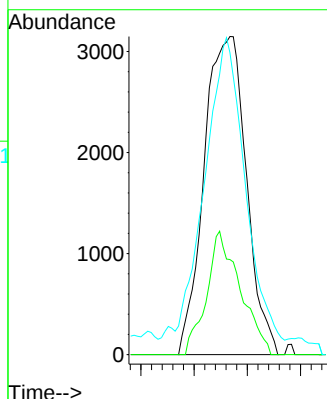
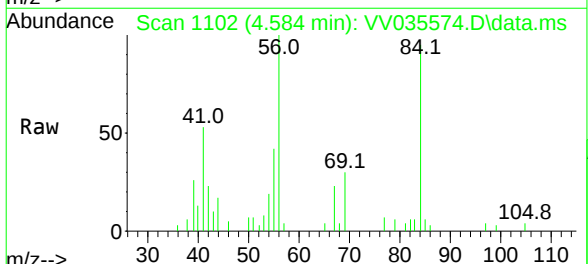
Tgt Ion: 56 Resp: 8663

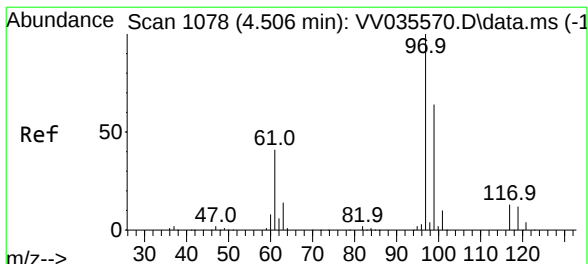
Ion Ratio Lower Upper

56 100

69 19.9 25.5 38.3#

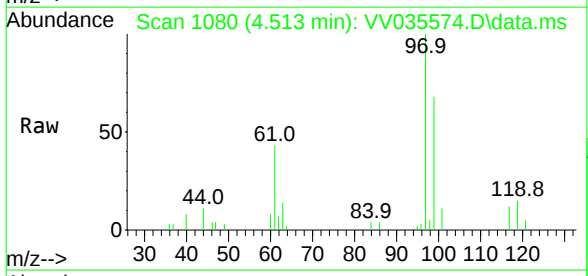
84 88.8 73.6 110.4





#30
1,1,1-Trichloroethane
Concen: 2.454 ug/L
RT: 4.513 min Scan# 1078
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

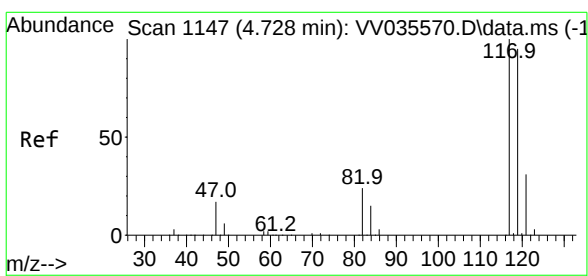
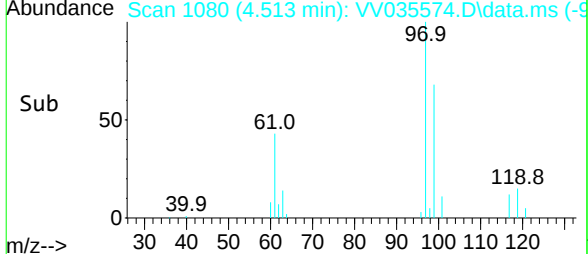
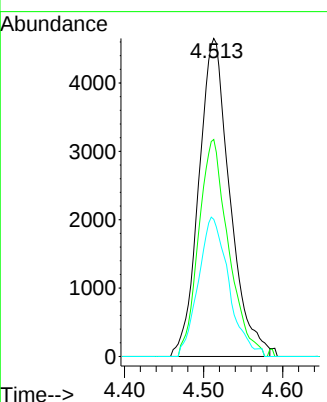


Tgt Ion: 97 Resp: 12687

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.9	77.9
61	42.4	34.1	51.1

Manual Integrations
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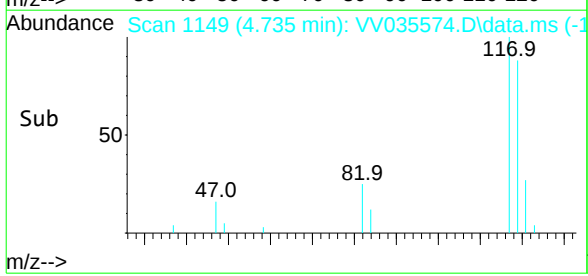
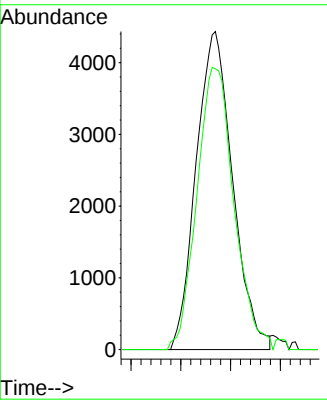
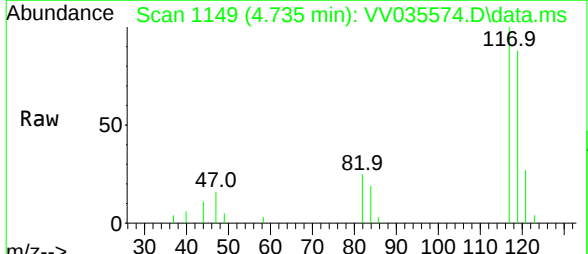
Reviewed By :Mahesh
Dadoda
05/13/2024
Supervised By :Semsettin
Yesilyurt
05/13/2024

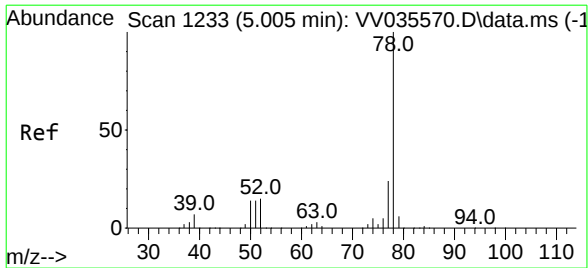


#31
Carbon tetrachloride
Concen: 2.525 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion:117 Resp: 11288

Ion	Ratio	Lower	Upper
117	100		
119	90.0	76.5	114.7





#33
Benzene
Concen: 2.299 ug/L
RT: 5.014 min Scan# 1233
Delta R.T. 0.010 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

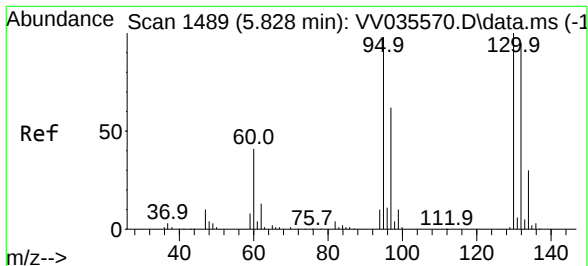
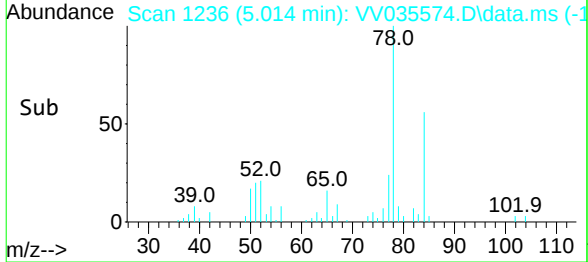
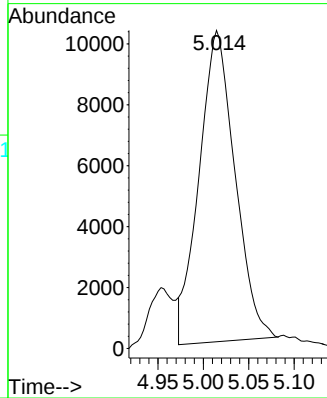
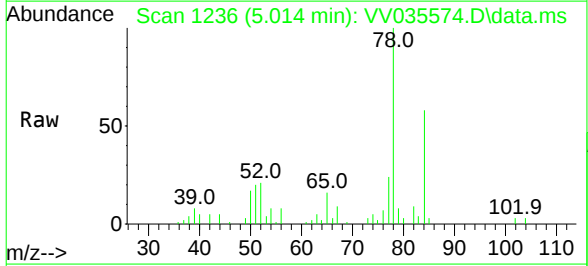
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 78 Resp: 28052

Manual Integrations
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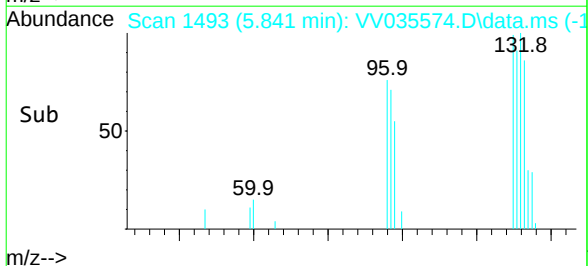
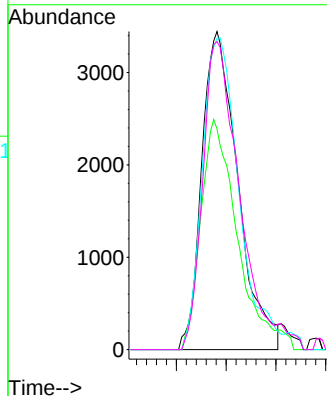
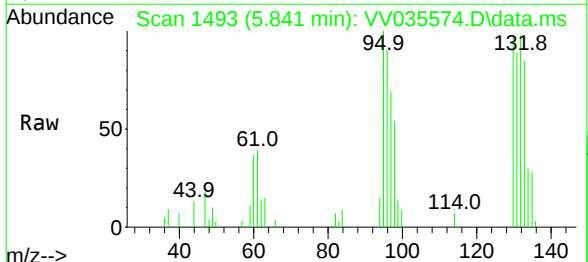
Reviewed By :Mahesh
Dadoda
05/13/2024

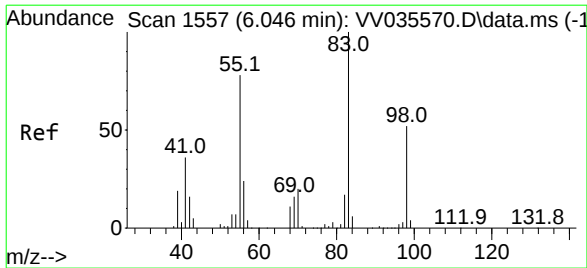
Supervised By :Semsettin
Yesilyurt
05/13/2024



#34
Trichloroethene
Concen: 2.669 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

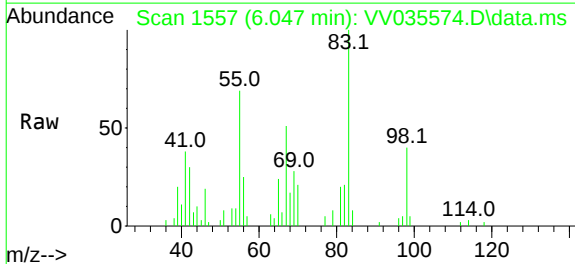
Tgt Ion: 95 Resp: 8666
Ion Ratio Lower Upper
95 100
97 69.4 45.1 83.9
132 97.8 69.4 128.8
130 96.8 71.3 132.3





#35
Methylcyclohexane
Concen: 2.266 ug/L m
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

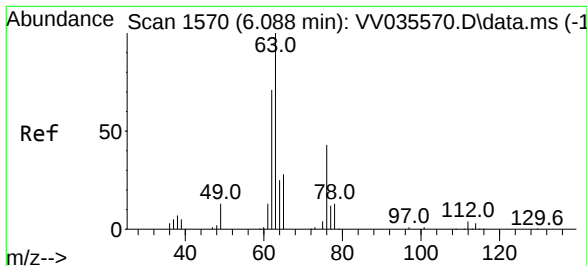
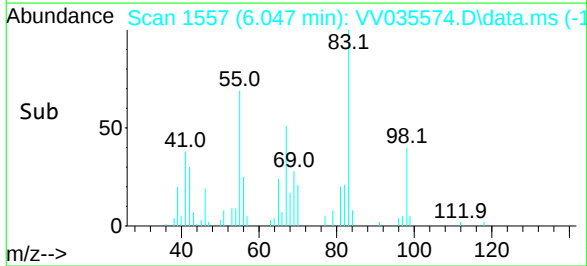
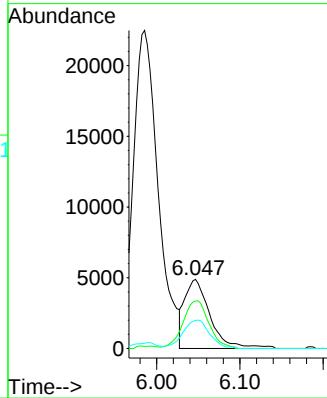


Tgt Ion: 83 Resp: 10378
Ion Ratio Lower Upper
83 100
55 70.5 57.5 86.3
98 39.3 38.9 58.3

Manual Integrations
APPROVED

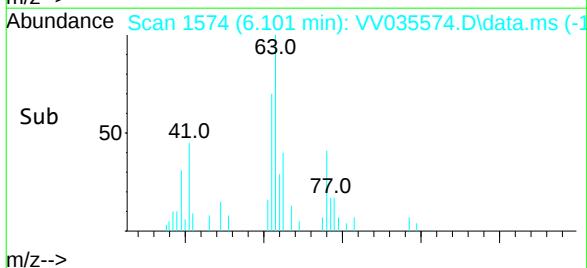
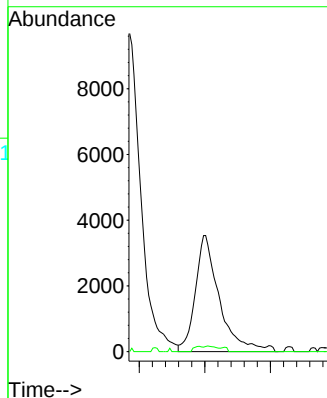
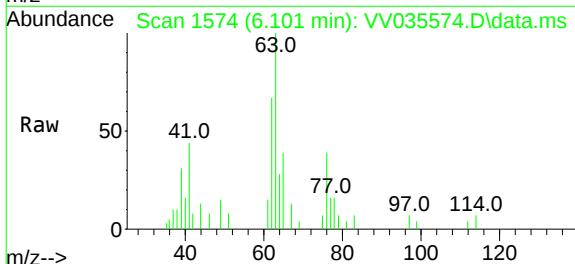
Reviewed By :Mahesh
Dadoda
05/13/2024

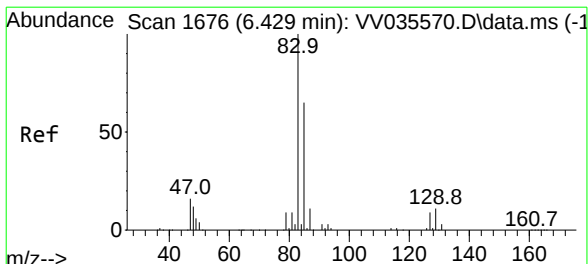
Supervised By :Semsettin
Yesilyurt
05/13/2024



#37
1,2-Dichloropropane
Concen: 2.680 ug/L m
RT: 6.101 min Scan# 1574
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

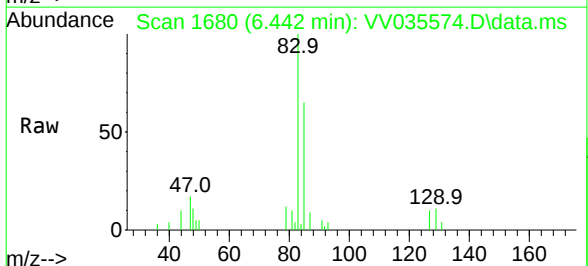
Tgt Ion: 63 Resp: 8985
Ion Ratio Lower Upper
63 100
112 2.4 3.4 5.2#





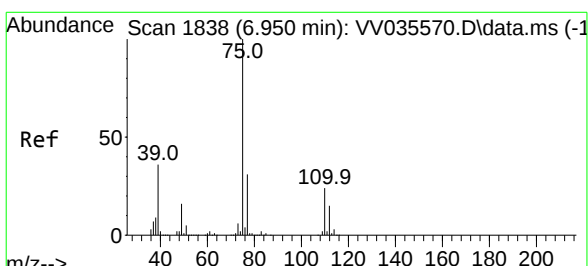
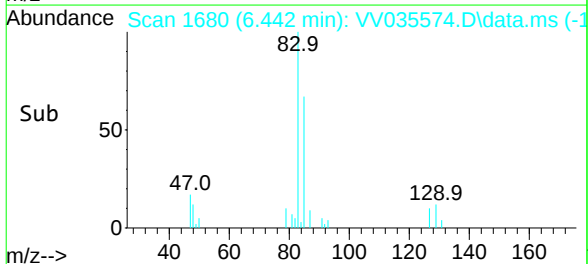
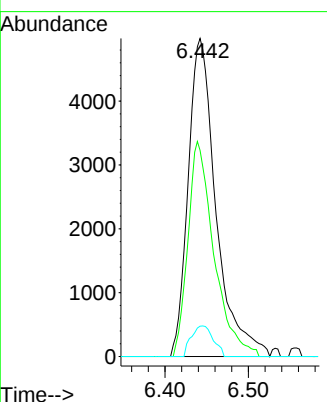
#38
 Bromodichloromethane
 Concen: 2.504 ug/L
 RT: 6.442 min Scan# 1676
 Delta R.T. 0.013 min
 Lab File: VV035574.D
 Acq: 10 May 2024 11:16

Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03



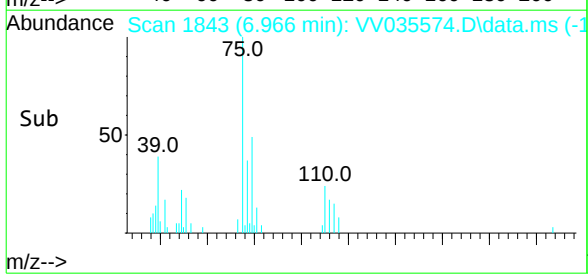
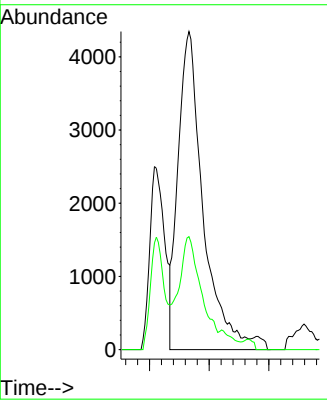
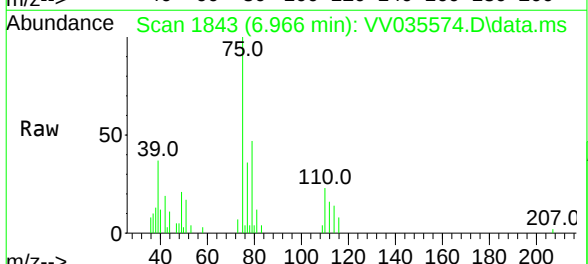
Tgt Ion:	83	Resp:	11548
Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.1	83.9
127	9.5	6.9	10.3

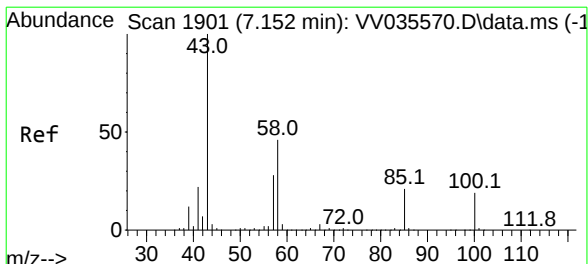
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda
 05/13/2024
 Supervised By :Semsettin Yesilyurt
 05/13/2024



#39
 cis-1,3-Dichloropropene
 Concen: 2.424 ug/L m
 RT: 6.966 min Scan# 1843
 Delta R.T. 0.016 min
 Lab File: VV035574.D
 Acq: 10 May 2024 11:16

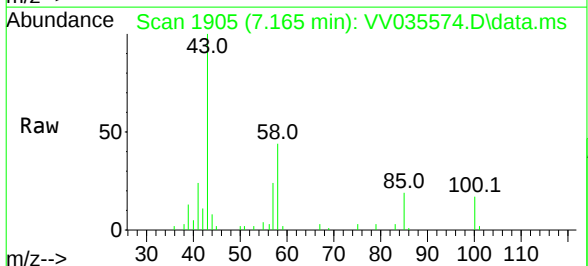
Tgt Ion:	75	Resp:	12758
Ion	Ratio	Lower	Upper
75	100		
77	35.5	22.3	41.3





#40
 4-Methyl-2-pentanone
 Concen: 4.457 ug/L m
 RT: 7.165 min Scan# 19
 Delta R.T. 0.013 min
 Lab File: VV035574.D
 Acq: 10 May 2024 11:16

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-03

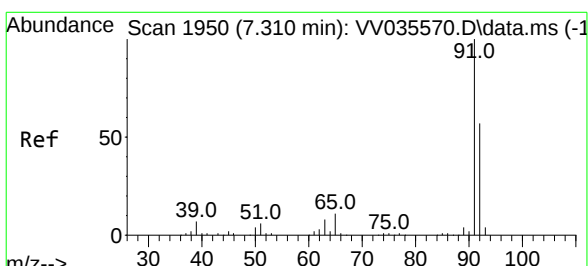
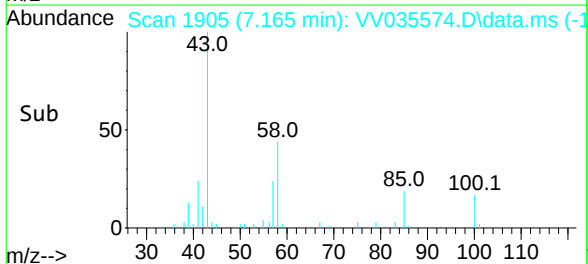
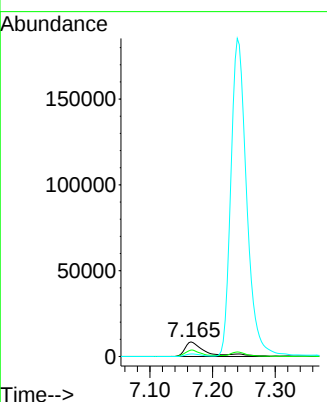


Tgt Ion: 43 Resp: 19944

Ion	Ratio	Lower	Upper
43	100		
58	34.3	36.1	54.1#
100	13.1	15.0	22.4#

Manual Integrations
 APPROVED

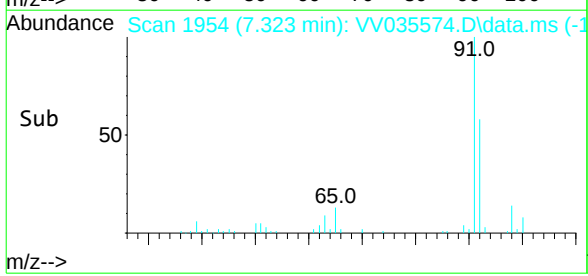
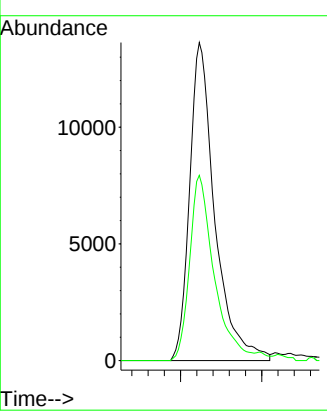
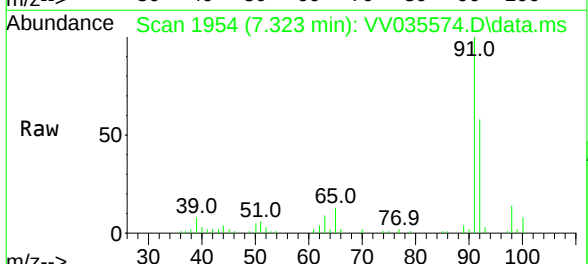
Reviewed By :Mahesh
 Dadoda
 05/13/2024
 Supervised By :Semsettin
 Yesilyurt
 05/13/2024

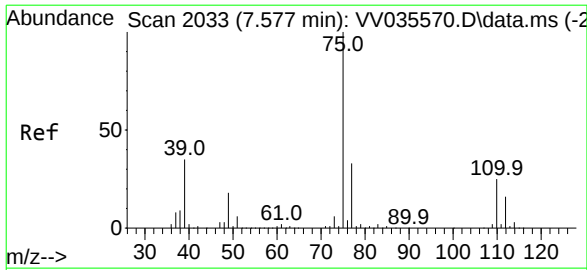


#42
 Toluene
 Concen: 2.289 ug/L
 RT: 7.323 min Scan# 1954
 Delta R.T. 0.013 min
 Lab File: VV035574.D
 Acq: 10 May 2024 11:16

Tgt Ion: 91 Resp: 29301

Ion	Ratio	Lower	Upper
91	100		
92	58.3	40.3	74.9





#44
trans-1,3-Dichloropropene
Concen: 2.474 ug/L m
RT: 7.590 min Scan# 2033
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

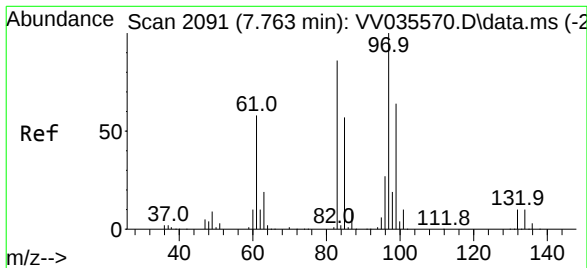
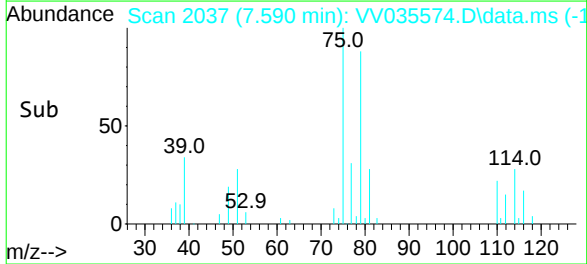
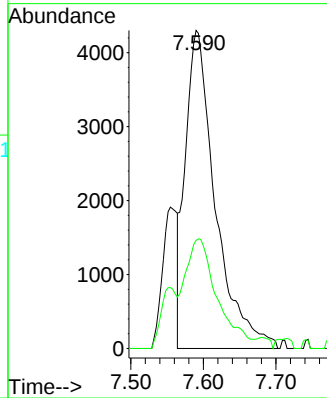
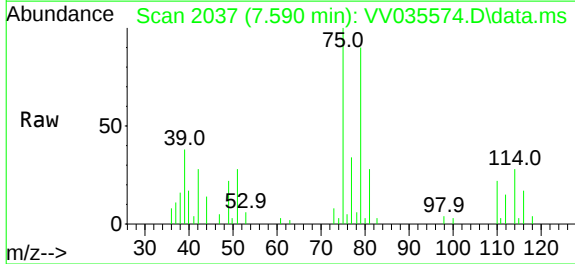
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion: 75 Resp: 12365
Ion Ratio Lower Upper
75 100
77 34.0 22.4 41.6

Manual Integrations
APPROVED

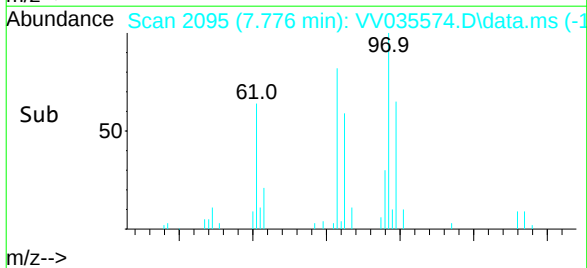
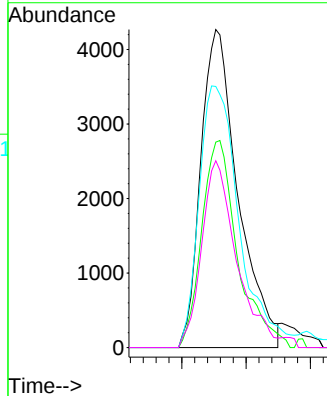
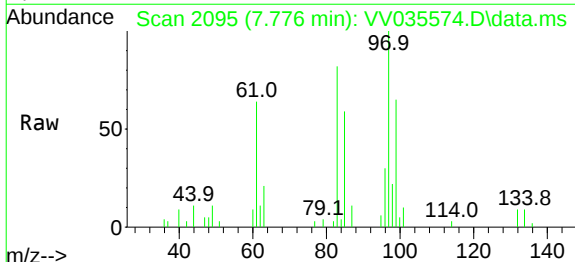
Reviewed By :Mahesh
Dadoda
05/13/2024

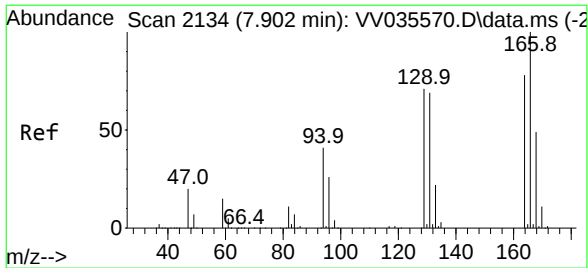
Supervised By :Semsettin
Yesilyurt
05/13/2024



#45
1,1,2-Trichloroethane
Concen: 2.395 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

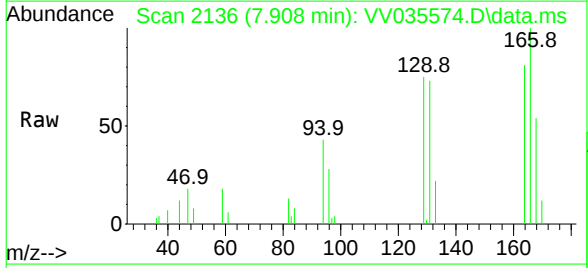
Tgt Ion: 97 Resp: 8585
Ion Ratio Lower Upper
97 100
99 64.6 44.2 82.2
83 82.1 59.3 110.1
85 58.7 38.4 71.2





#46
Tetrachloroethene
Concen: 2.318 ug/L
RT: 7.908 min Scan# 2134
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

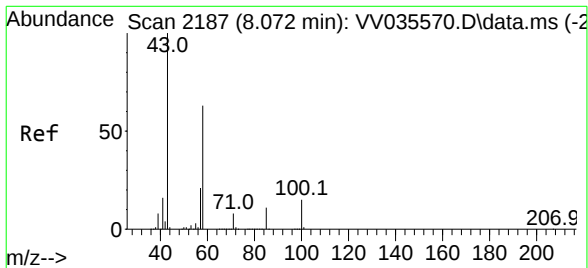
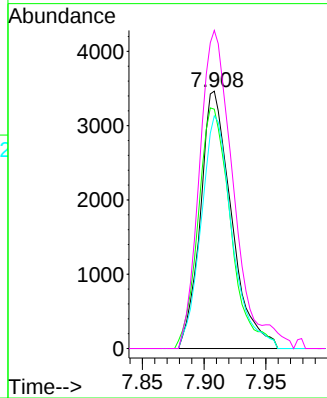
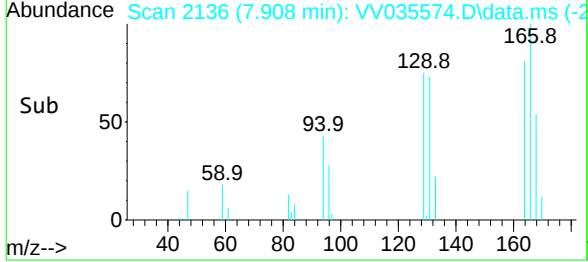


Tgt Ion:	164	Resp:	6080
Ion	Ratio	Lower	Upper
164	100		
129	93.0	64.7	120.1
131	90.4	61.5	114.1
166	123.6	90.6	168.3

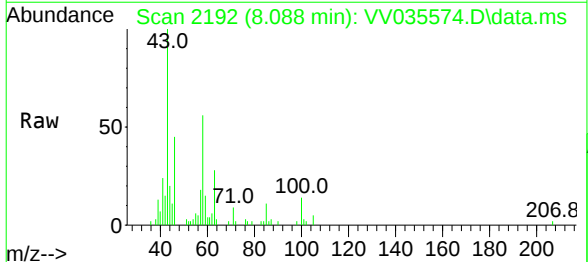
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda
05/13/2024

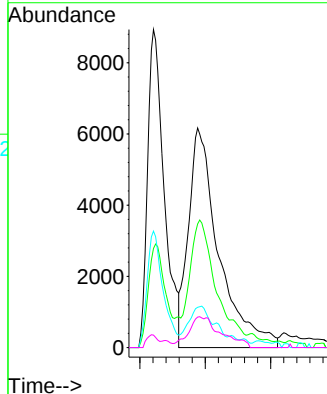
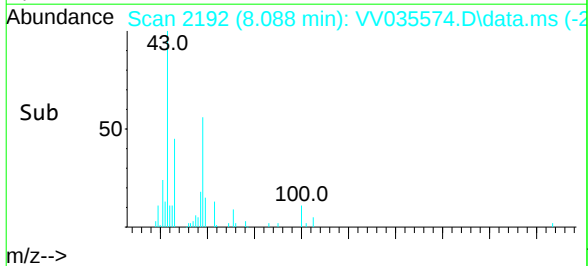
Supervised By :Semsettin
Yesilyurt
05/13/2024

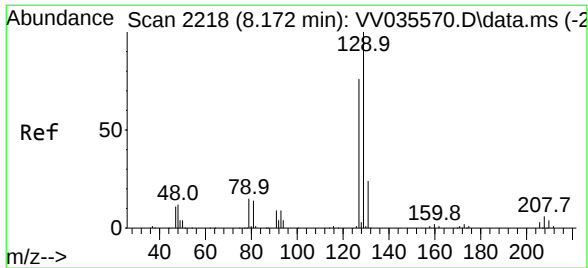


#48
2-Hexanone
Concen: 5.446 ug/L m
RT: 8.088 min Scan# 2192
Delta R.T. 0.016 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16



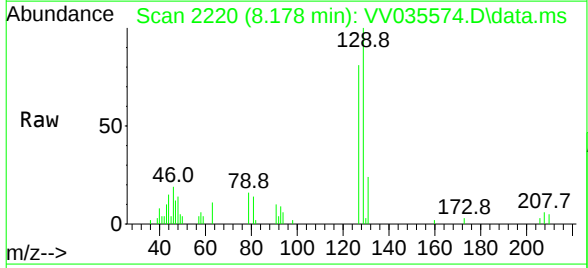
Tgt Ion:	43	Resp:	19826
Ion	Ratio	Lower	Upper
43	100		
58	34.1	50.8	76.2#
57	7.6	17.6	26.4#
100	5.6	12.0	18.0#





#49
Dibromochloromethane
Concen: 2.451 ug/L
RT: 8.178 min Scan# 2218
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

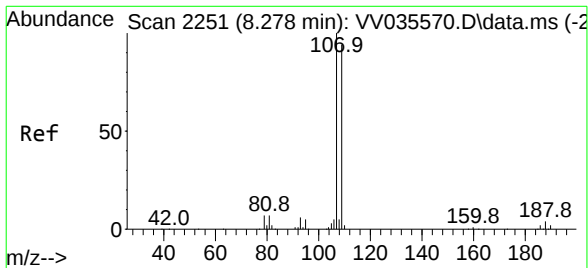
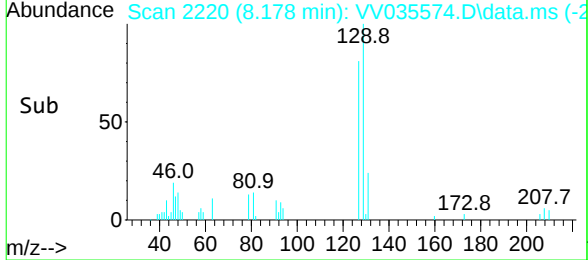
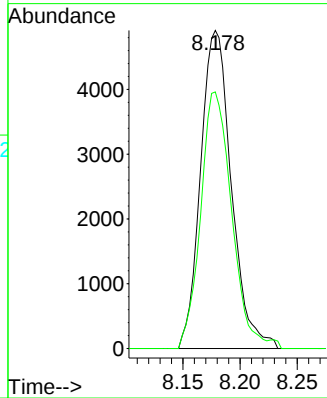


Tgt Ion:129 Resp: 9197
Ion Ratio Lower Upper
129 100
127 80.7 54.3 100.8

Manual Integrations
APPROVED

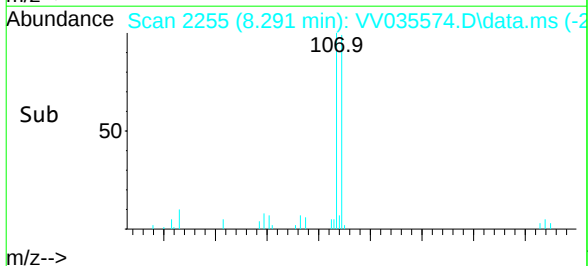
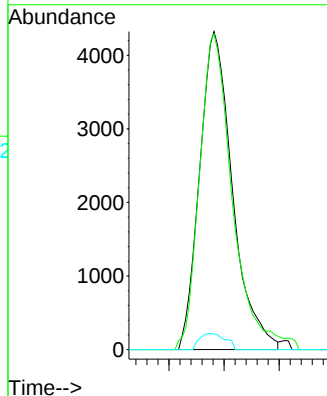
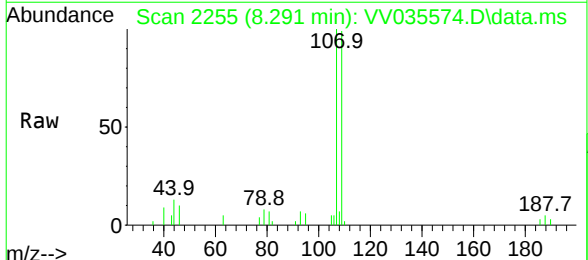
Reviewed By :Mahesh
Dadoda
05/13/2024

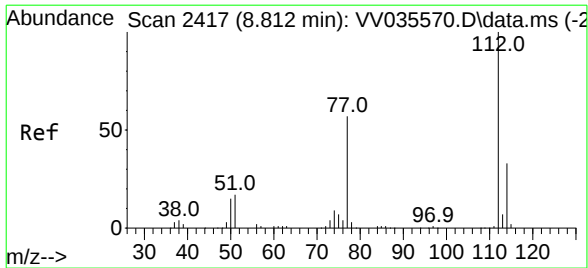
Supervised By :Semsettin
Yesilyurt
05/13/2024



#50
1,2-Dibromoethane
Concen: 2.389 ug/L
RT: 8.291 min Scan# 2255
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion:107 Resp: 8950
Ion Ratio Lower Upper
107 100
109 99.3 65.7 122.1
188 5.0 3.1 4.7#





#51

Chlorobenzene

Concen: 2.388 ug/L

RT: 8.815 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	112	Resp:	21220
Ion Ratio	Lower	Upper	
112	100		
114	32.2	22.4	41.6
77	61.4	45.9	68.9

Manual Integrations
APPROVED

Reviewed By :Mahesh

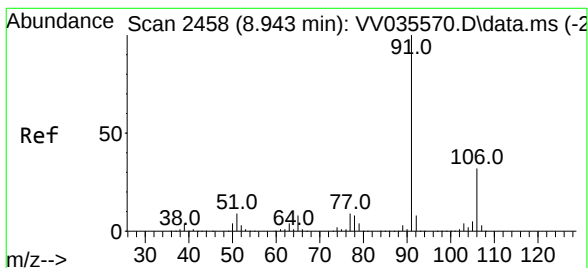
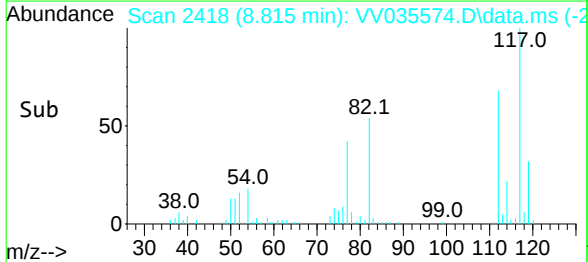
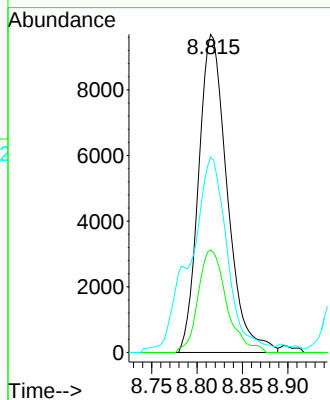
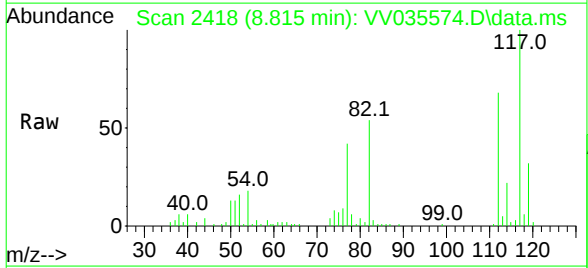
Dadoda

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Supervised By :Semsettin

Yesilyurt

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#52

Ethylbenzene

Concen: 2.079 ug/L

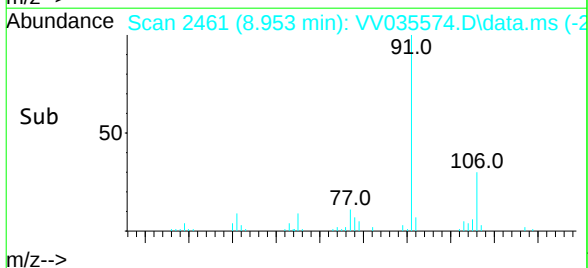
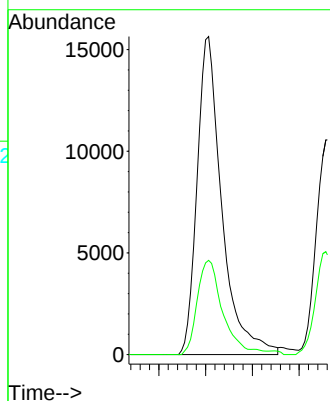
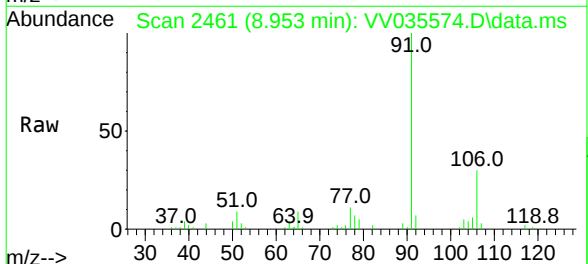
RT: 8.953 min Scan# 2461

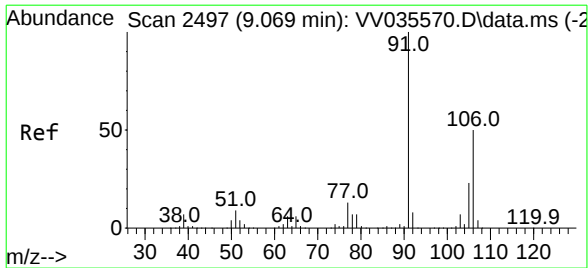
Delta R.T. 0.010 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Tgt Ion:	91	Resp:	28742
Ion Ratio	Lower	Upper	
91	100		
106	29.6	21.6	40.0





#53
m,p-Xylene
Concen: 1.964 ug/L
RT: 9.079 min Scan# 2510
Delta R.T. 0.010 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

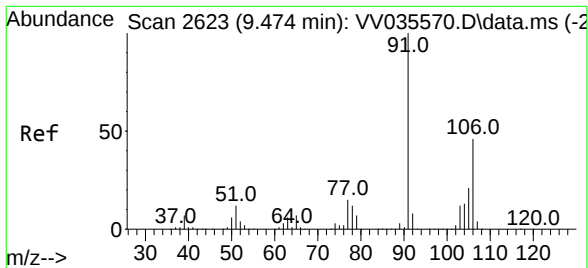
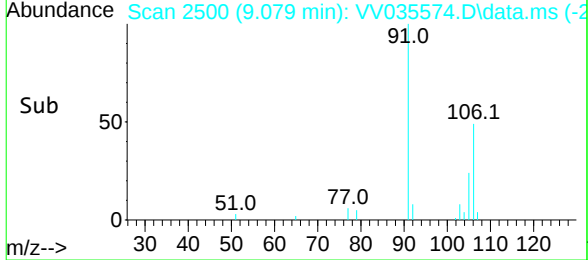
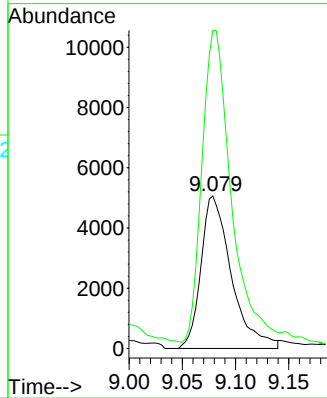
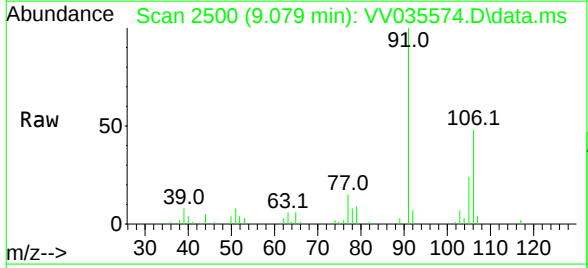
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:106 Resp: 10074
Ion Ratio Lower Upper
106 100
91 208.6 144.8 268.8

Manual Integrations
APPROVED

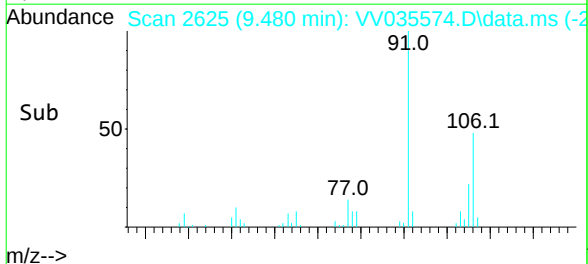
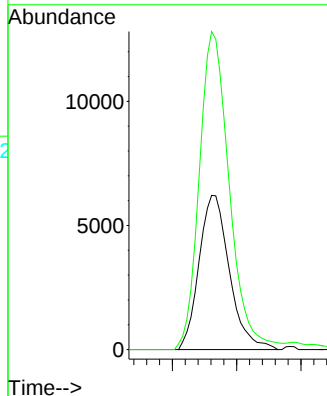
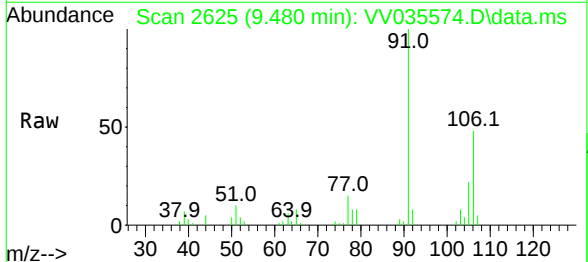
Reviewed By :Mahesh
Dadoda
05/13/2024

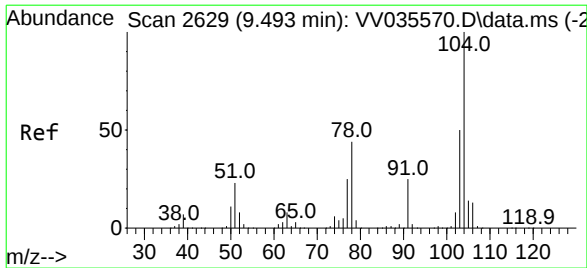
Supervised By :Semsettin
Yesilyurt
05/13/2024



#54
o-Xylene
Concen: 1.975 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

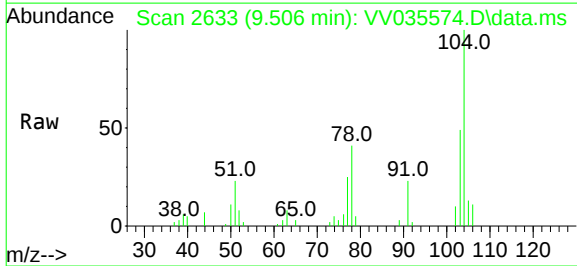
Tgt Ion:106 Resp: 10207
Ion Ratio Lower Upper
106 100
91 206.3 149.9 278.3





#55
Styrene
Concen: 1.721 ug/L
RT: 9.506 min Scan# 2629
Delta R.T. 0.013 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

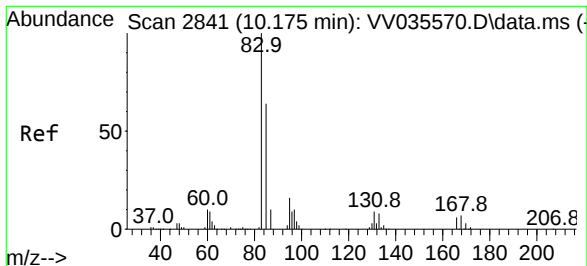
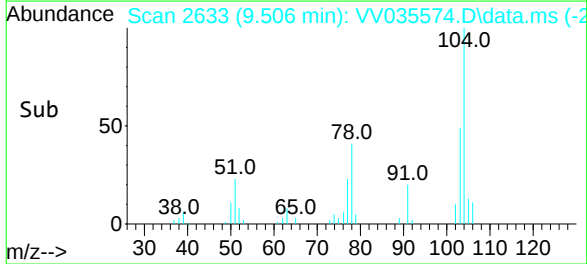
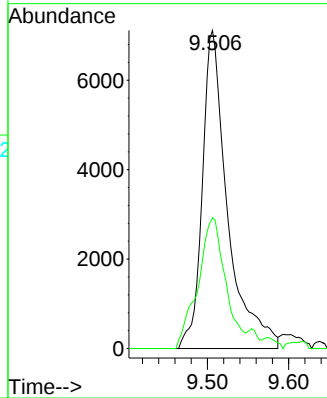


Tgt Ion:104 Resp: 15377
Ion Ratio Lower Upper
104 100
78 41.1 29.9 55.5

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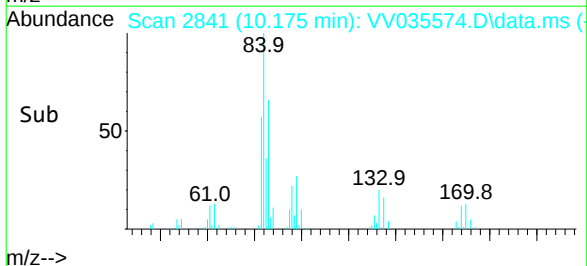
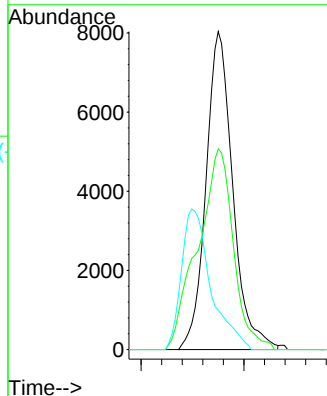
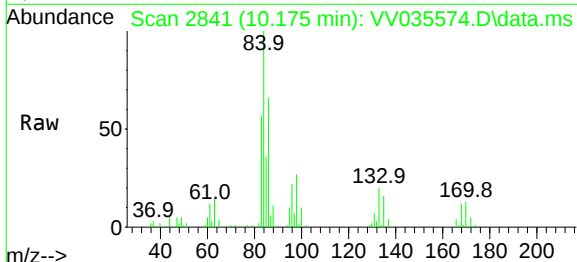
Reviewed By :Mahesh
Dadoda
05/13/2024

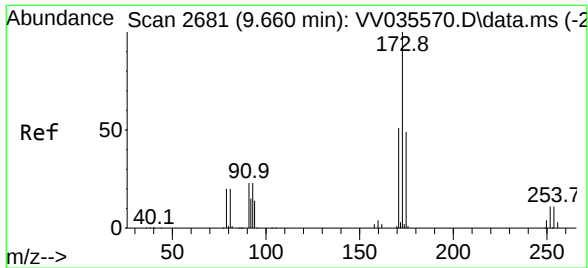
Supervised By :Semsettin
Yesilyurt
05/13/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 2.370 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

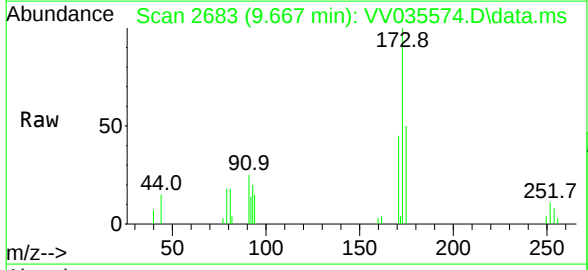
Tgt Ion: 83 Resp: 14536
Ion Ratio Lower Upper
83 100
85 63.2 44.9 83.5
131 12.3 8.1 12.1#





#59
 Bromoform
 Concen: 2.722 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. 0.007 min
 Lab File: VV035574.D
 Acq: 10 May 2024 11:16

Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT2-2024-03

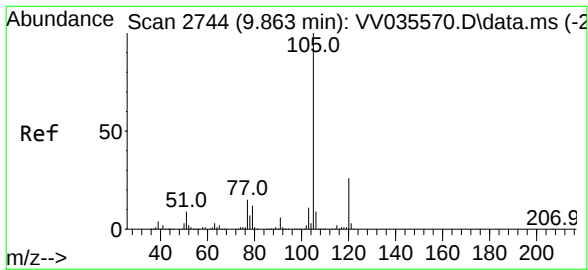
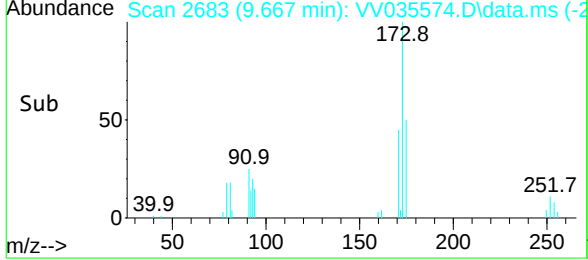
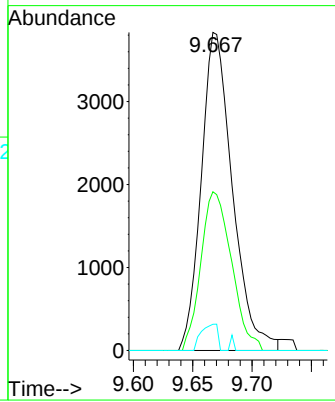


Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	39.0	58.6
254	4.4	8.5	12.7

Manual Integrations
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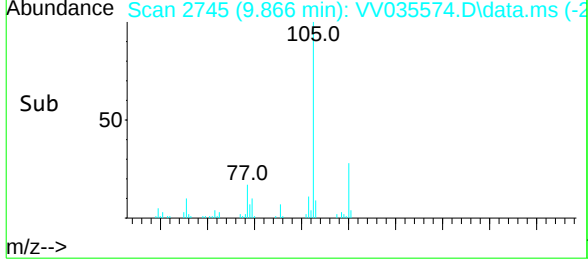
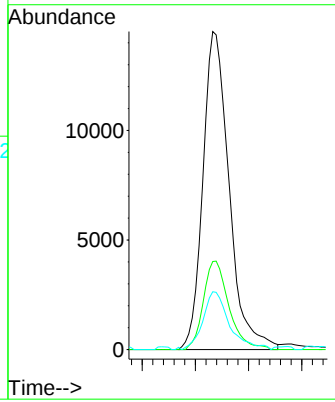
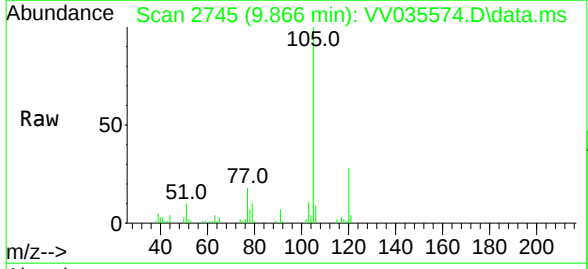
Reviewed By :Mahesh
 Dadoda
 05/13/2024

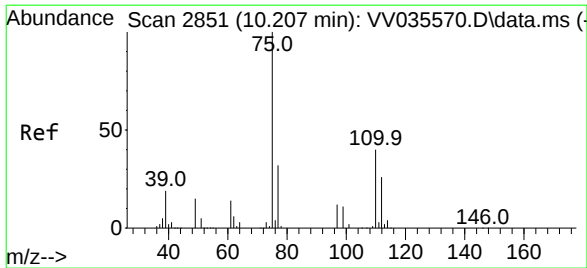
Supervised By :Semsettin
 Yesilyurt
 05/13/2024



#60
 Isopropylbenzene
 Concen: 2.162 ug/L
 RT: 9.866 min Scan# 2745
 Delta R.T. 0.003 min
 Lab File: VV035574.D
 Acq: 10 May 2024 11:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.5	32.3
77	17.9	12.3	18.5





#61
1,2,3-Trichloropropane
Concen: 2.915 ug/L
RT: 10.210 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

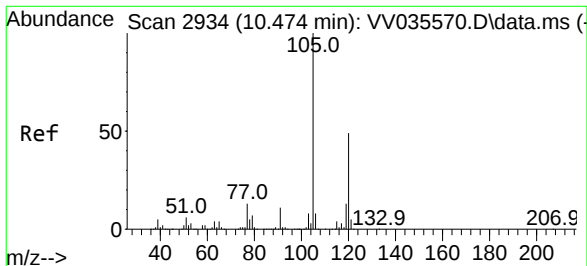
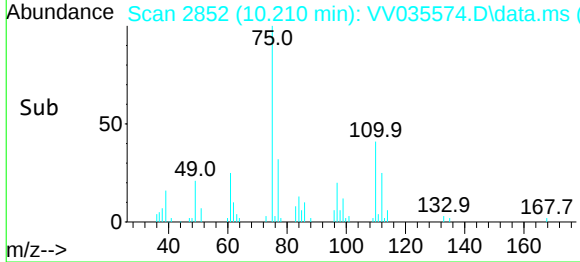
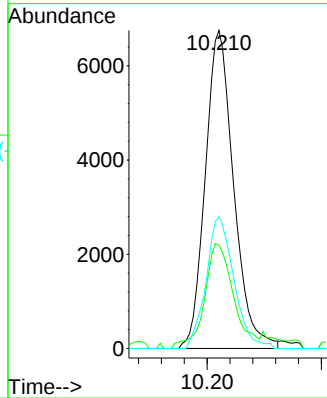
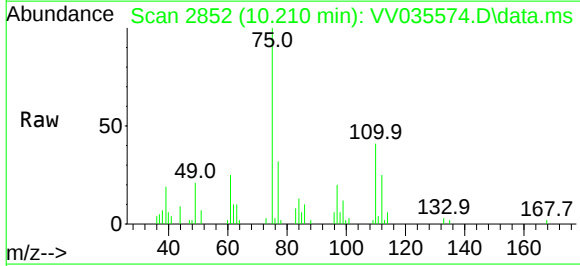
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

Tgt Ion:	75	Resp:	11639
Ion Ratio	Lower	Upper	
75	100		
77	33.5	25.8	38.6
110	40.4	31.6	47.4

Manual Integrations
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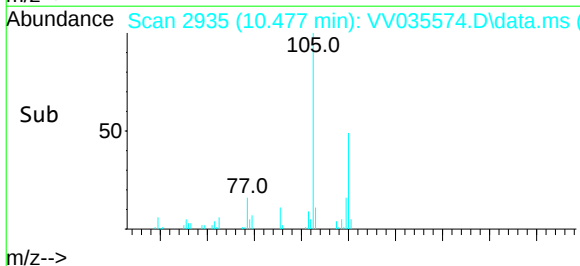
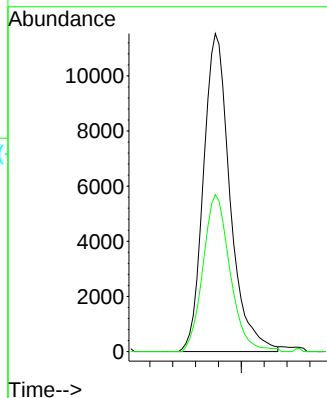
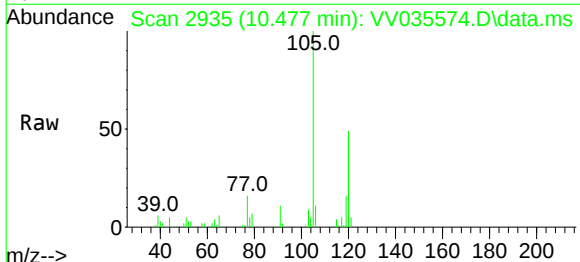
Reviewed By :Mahesh
Dadoda
05/13/2024

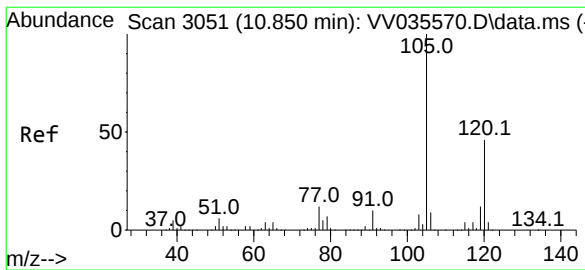
Supervised By :Semsettin
Yesilyurt
05/13/2024



#62
1,3,5-Trimethylbenzene
Concen: 2.025 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Tgt Ion:	105	Resp:	18627
Ion Ratio	Lower	Upper	
105	100		
120	50.0	39.5	59.3





#63

1,2,4-Trimethylbenzene

Concen: 1.983 ug/L

RT: 10.853 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

Instrument :

MSVOA_V

ClientSampleId :

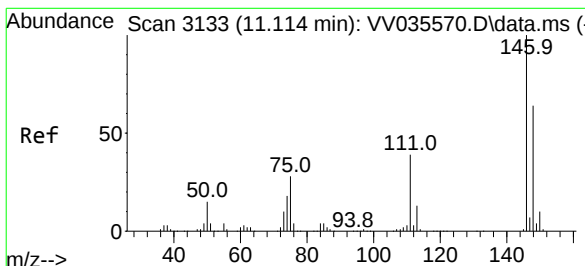
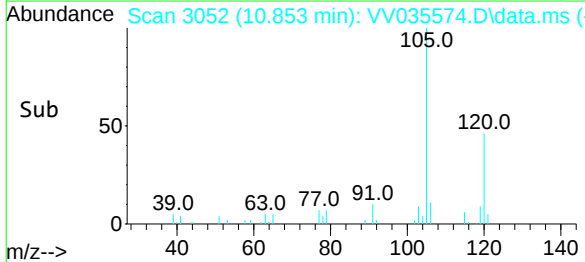
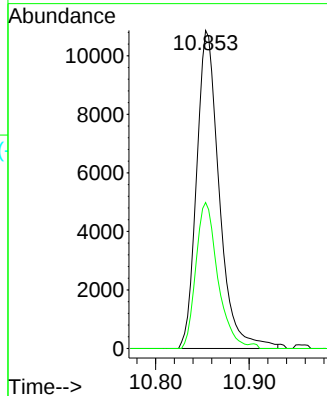
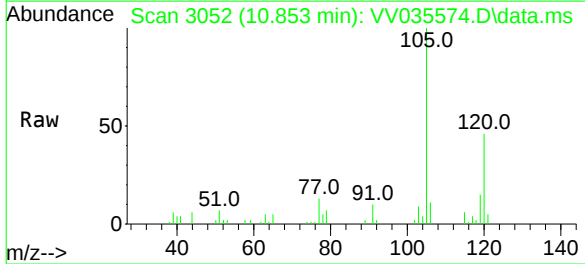
MDL-MED-SOIL-QT2-2024-03

Tgt Ion:105 Resp: 18286
 Ion Ratio Lower Upper
 105 100
 120 44.3 36.6 55.0

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Reviewed By :Mahesh
 Dadoda
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Supervised By :Semsettin
 Yesilyurt
 05/13/2024



#64

1,3-Dichlorobenzene

Concen: 2.343 ug/L

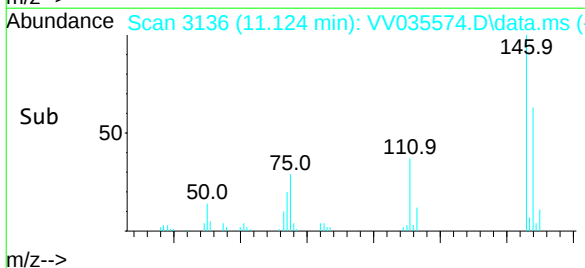
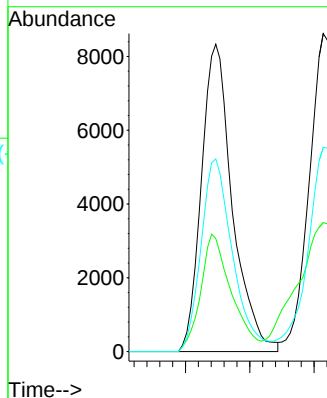
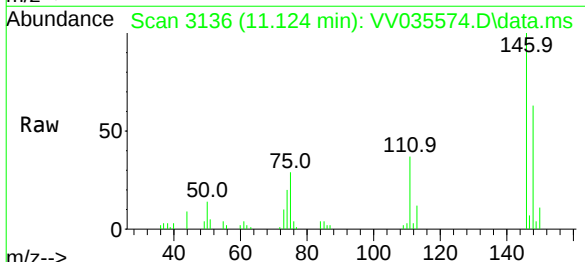
RT: 11.124 min Scan# 3136

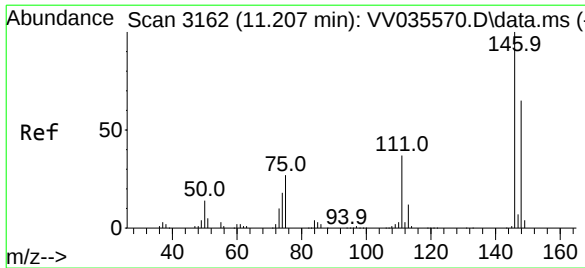
Delta R.T. 0.010 min

Lab File: VV035574.D

Acq: 10 May 2024 11:16

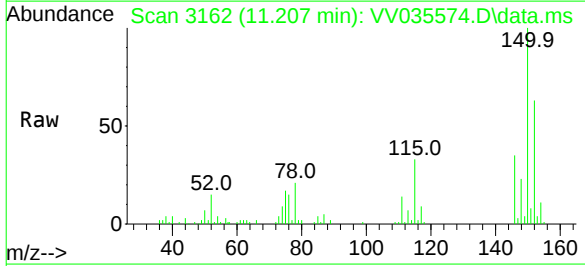
Tgt Ion:146 Resp: 13944
 Ion Ratio Lower Upper
 146 100
 111 36.8 27.9 51.7
 148 62.7 45.1 83.9





#65
1,4-Dichlorobenzene
Concen: 2.597 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

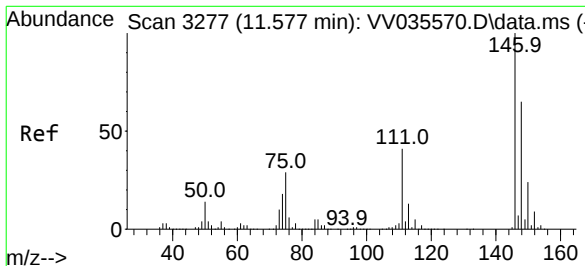
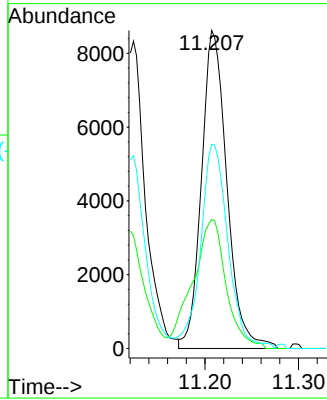
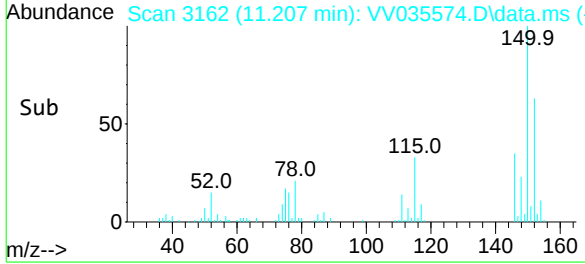


Tgt Ion:146 Resp: 16306
Ion Ratio Lower Upper
146 100
111 40.6 26.4 49.0
148 64.2 44.3 82.3

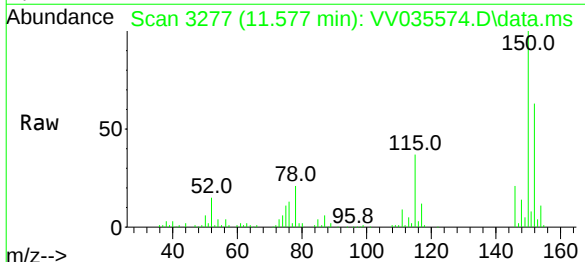
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Reviewed By :Mahesh
Dadoda
05/13/2024

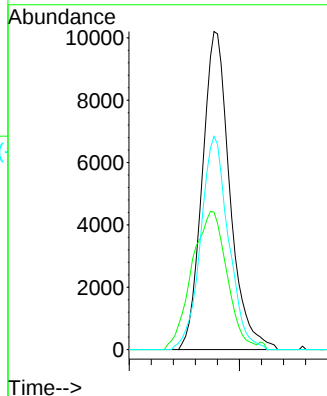
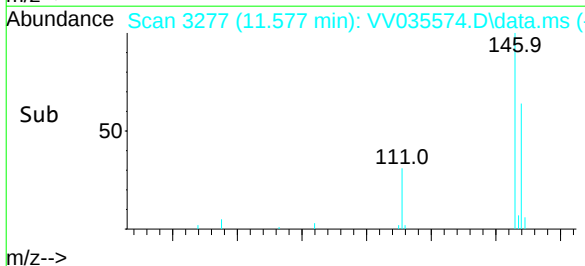
Supervised By :Semsettin
Yesilyurt
05/13/2024

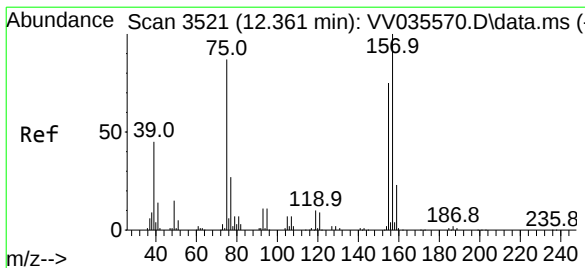


#67
1,2-Dichlorobenzene
Concen: 2.851 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16



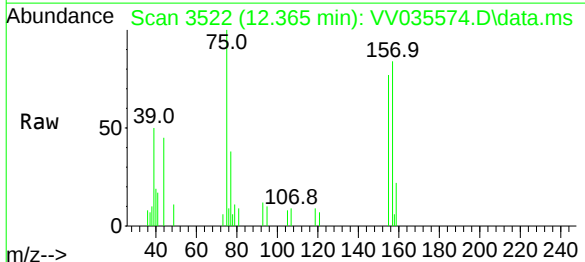
Tgt Ion:146 Resp: 17748
Ion Ratio Lower Upper
146 100
111 43.2 32.1 48.1
148 67.0 51.5 77.3





#68
1,2-Dibromo-3-chloropropane
Concen: 2.834 ug/L
RT: 12.365 min Scan# 3521
Delta R.T. 0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

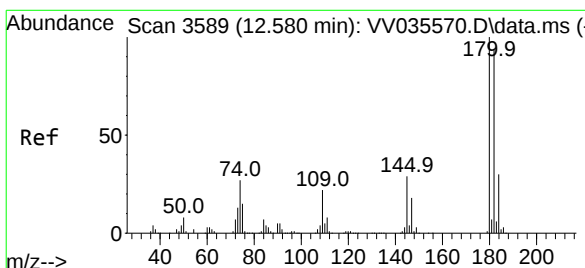
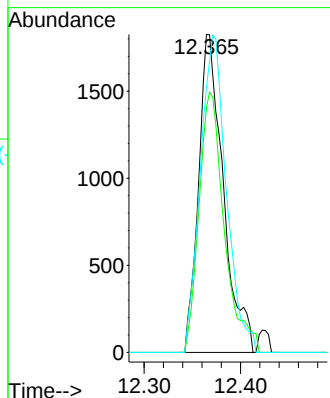
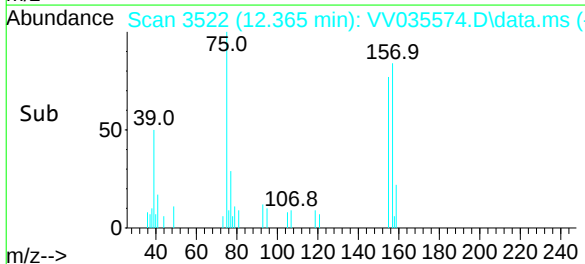


Tgt Ion: 75 Resp: 3332
Ion Ratio Lower Upper
75 100
155 76.9 71.4 107.2
157 83.5 95.0 142.4#

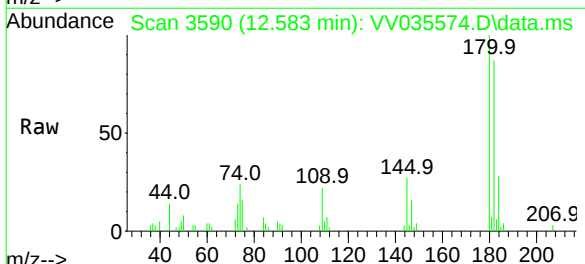
Manual Integrations
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Reviewed By :Mahesh
Dadoda
05/13/2024

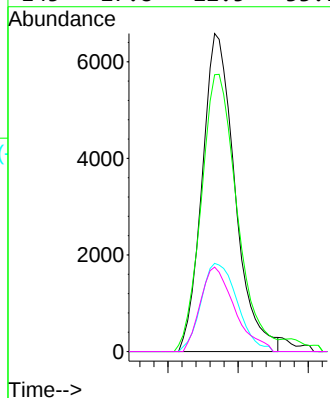
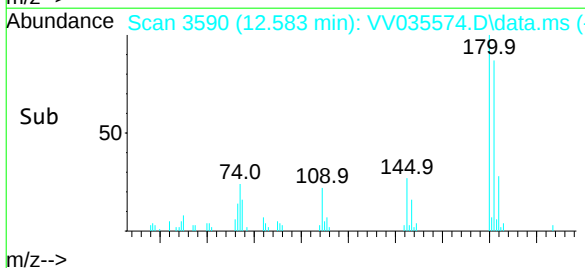
Supervised By :Semsettin
Yesilyurt
05/13/2024

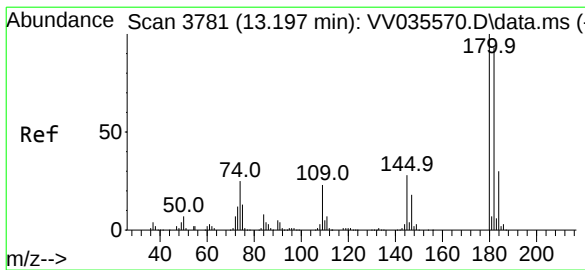


#69
1,3,5-Trichlorobenzene
Concen: 2.368 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16



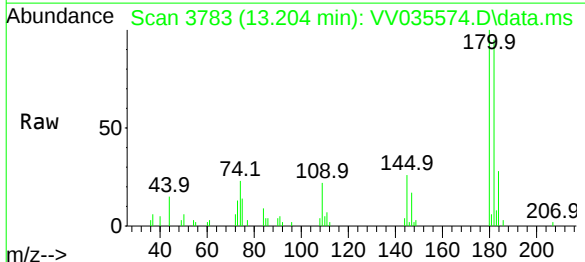
Tgt Ion:180 Resp: 10696
Ion Ratio Lower Upper
180 100
182 95.0 75.7 113.5
184 30.4 24.1 36.1
145 27.8 22.5 33.7





#70
1,2,4-trichlorobenzene
Concen: 2.364 ug/L
RT: 13.204 min Scan# 3781
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-03

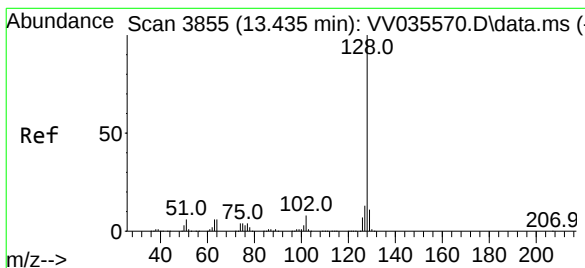
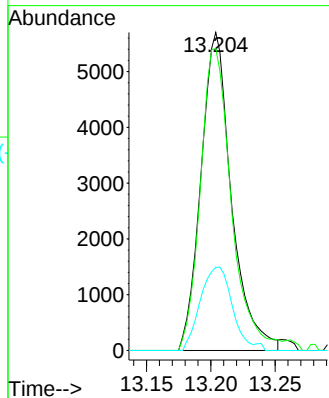
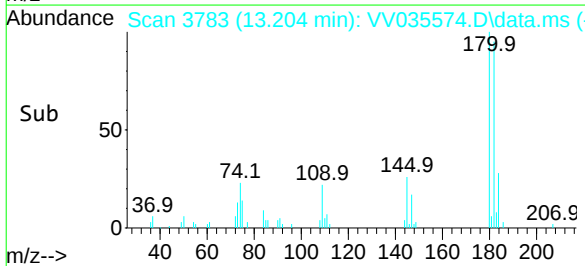


Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.7	113.5
145	27.1	23.0	34.4

Manual Integrations
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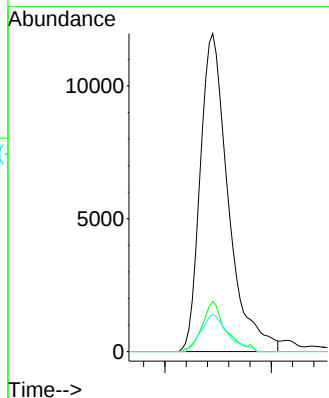
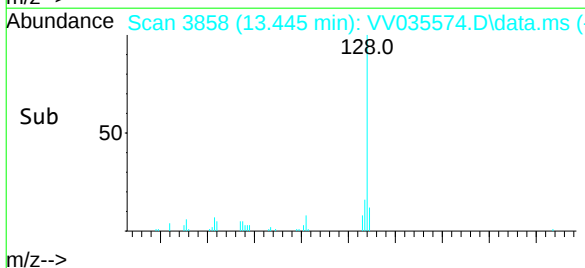
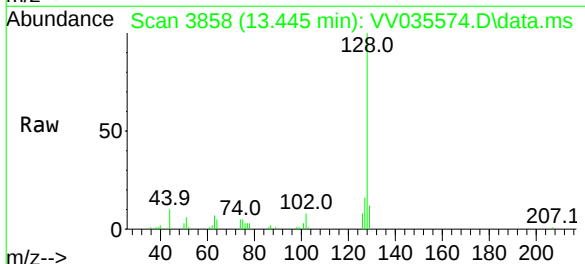
Reviewed By :Mahesh
Dadoda
05/13/2024

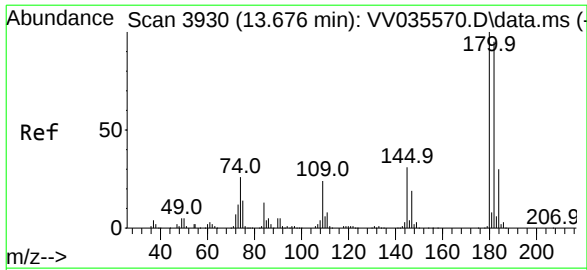
Supervised By :Semsettin
Yesilyurt
05/13/2024



#71
Naphthalene
Concen: 1.967 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.010 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

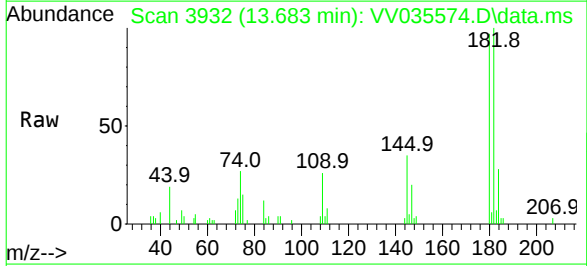
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.2	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 2.387 ug/L
RT: 13.683 min Scan# 39
Delta R.T. 0.007 min
Lab File: VV035574.D
Acq: 10 May 2024 11:16

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03



Tgt Ion:	180	Resp:	9858
Ion Ratio	Lower	Upper	
180	100		
182	93.4	76.2	114.2
145	31.0	24.9	37.3

Manual Integrations
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Reviewed By :Mahesh
Dadoda
05/13/2024

Supervised By :Semsettin
Yesilyurt
05/13/2024

