

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073124\
 Data File : VU060278.D
 Acq On : 31 Jul 2024 12:49
 Operator : MD/SY
 Sample : P3391-05
 Misc : 5.00g/5.0mL//100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-05

Quant Time: Aug 01 01:10:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 00:19:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh

Dadoda

08/01/2024

Supervised By :Semsettin

Yesilyurt

08/01/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	221785	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	228278	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91671	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88906	62.433	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.860%			
7) Chloroethane-d5	1.901	69	66261	55.320	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.640%			
11) 1,1-Dichloroethene-d2	2.557	63	100419	39.694	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.380%			
21) 2-Butanone-d5	4.611	46	114071	115.266	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 115.270%			
24) Chloroform-d	5.052	84	135858	49.266	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.540%			
26) 1,2-Dichloroethane-d4	5.692	65	82445	50.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.560%			
32) Benzene-d6	5.717	84	274311	46.927	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.860%			
36) 1,2-Dichloropropane-d6	6.682	67	94200	52.068	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.140%			
41) Toluene-d8	7.891	98	230525	41.469	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.940%			
43) trans-1,3-Dichloroprop...	8.174	79	39125	46.215	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.440%			
47) 2-Hexanone-d5	8.627	63	66037	86.610	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.610%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	136804	49.266	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.540%			
66) 1,2-Dichlorobenzene-d4	12.190	152	80805	47.969	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	3108	2.256	ug/L	95
3) Chloromethane	1.518	50	4230	3.130	ug/L	92
5) Vinyl chloride	1.602	62	4554	2.870	ug/L #	73
6) Bromomethane	1.843	94	2621m	3.145	ug/L	
8) Chloroethane	1.923	64	2738	2.651	ug/L	96
9) Trichlorofluoromethane	2.129	101	5308	2.403	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	4529	3.221	ug/L #	77
12) 1,1-Dichloroethene	2.566	96	4246	3.229	ug/L #	1
13) Acetone	2.621	43	4975	4.882	ug/L	99
14) Carbon disulfide	2.788	76	7435	2.240	ug/L	96
15) Methyl Acetate	2.949	43	4431	2.884	ug/L #	85
16) Methylene chloride	3.036	84	6053	3.650	ug/L	92
17) trans-1,2-Dichloroethene	3.348	96	3330m	2.460	ug/L	
18) Methyl tert-butyl Ether	3.354	73	10962	2.493	ug/L	99
19) 1,1-Dichloroethane	3.856	63	7278	2.834	ug/L	96
20) cis-1,2-Dichloroethene	4.663	96	4323	2.637	ug/L	90
22) 2-Butanone	4.714	43	6731m	5.369	ug/L	
23) Bromochloromethane	4.972	128	2271m	2.626	ug/L	
27) 1,2-Dichloroethane	5.791	62	5778	2.755	ug/L	98

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Supervised By :Semsettin
 Yesilyurt
 08/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.377	56	4076	1.994	ug/L	91
30) 1,1,1-Trichloroethane	5.309	97	5759	2.435	ug/L	99
31) Carbon tetrachloride	5.515	117	4990	2.554	ug/L	96
34) Trichloroethene	6.541	95	4295m	2.611	ug/L	
35) Methylcyclohexane	6.756	83	4475	1.970	ug/L	93
37) 1,2-Dichloropropane	6.788	63	4861	2.865	ug/L #	88
38) Bromodichloromethane	7.103	83	5796	2.696	ug/L #	94
39) cis-1,3-Dichloropropene	7.605	75	6096	2.348	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	11197	5.221	ug/L	92
42) Toluene	7.968	91	15961	2.372	ug/L	93
44) trans-1,3-Dichloropropene	8.213	75	5651	2.370	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	4793	2.697	ug/L	96
46) Tetrachloroethene	8.550	164	2842	2.100	ug/L	93
48) 2-Hexanone	8.682	43	16099	8.970	ug/L #	75
49) Dibromochloromethane	8.807	129	4680	2.673	ug/L	81
50) 1,2-Dibromoethane	8.920	107	4682	2.520	ug/L	98
51) Chlorobenzene	9.441	112	10912	2.442	ug/L	96
52) Ethylbenzene	9.566	91	14072	1.958	ug/L	94
53) m,p-Xylene	9.692	106	5296m	1.893	ug/L	
54) o-Xylene	10.097	106	5021	1.866	ug/L	96
55) Styrene	10.116	104	7464	1.644	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	8653	2.888	ug/L #	99
59) Bromoform	10.286	173	3568	3.219	ug/L #	95
60) 1,2,3-Trichloropropane	10.817	75	6433	3.698	ug/L	94
61) Isopropylbenzene	10.479	105	11723	2.194	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	7432	1.900	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	7529	1.797	ug/L	96
64) 1,3-Dichlorobenzene	11.746	146	6616	2.387	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	7577	2.645	ug/L	83
67) 1,2-Dichlorobenzene	12.206	146	7960	2.843	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	12.997	75	1560	3.279	ug/L	89
69) 1,3,5-Trichlorobenzene	13.222	180	4630	2.317	ug/L	96
70) 1,2,4-trichlorobenzene	13.839	180	3605	2.002	ug/L #	92
71) Naphthalene	14.097	128	11393m	2.189	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	3571	1.976	ug/L #	81

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

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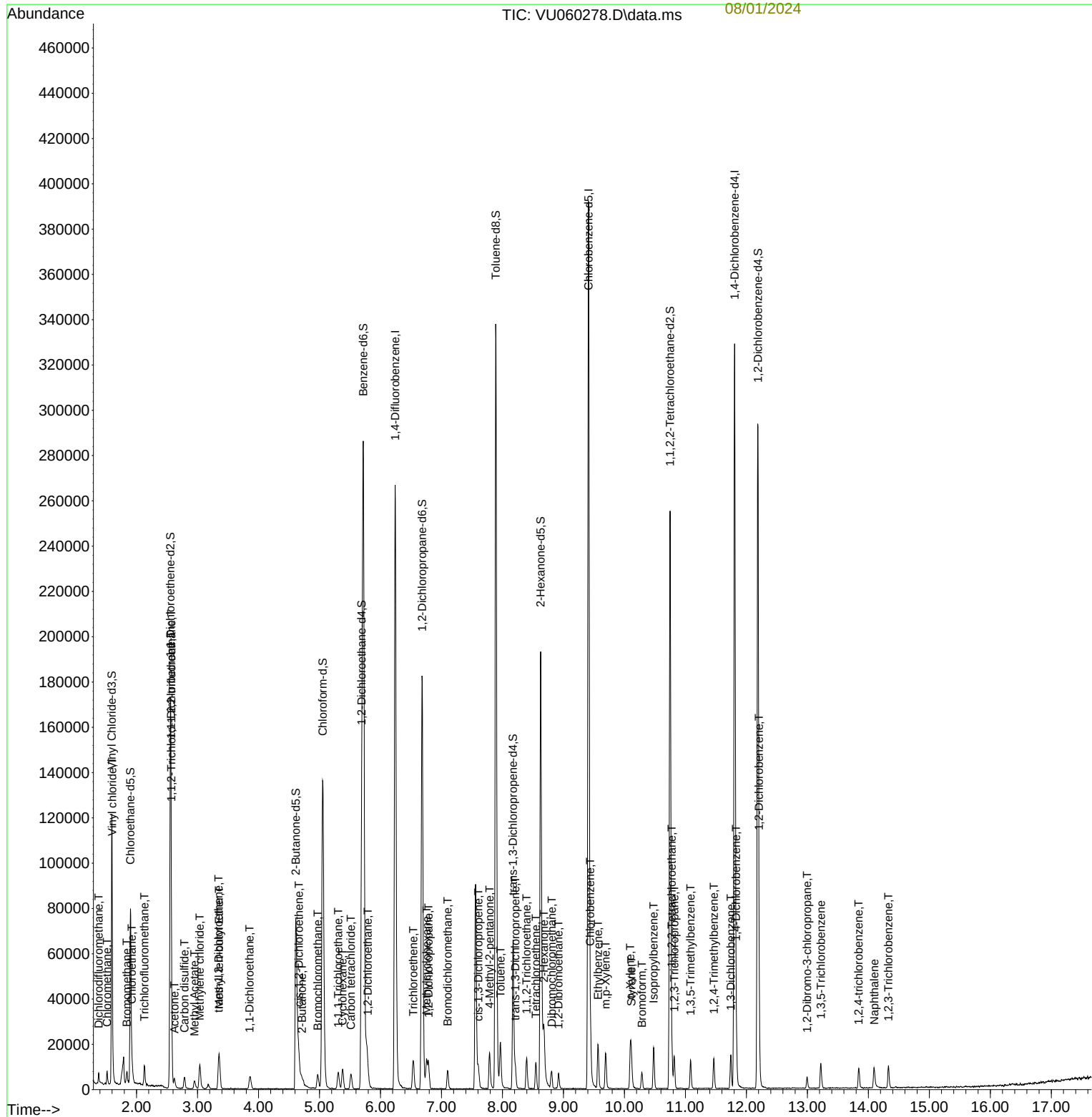
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05

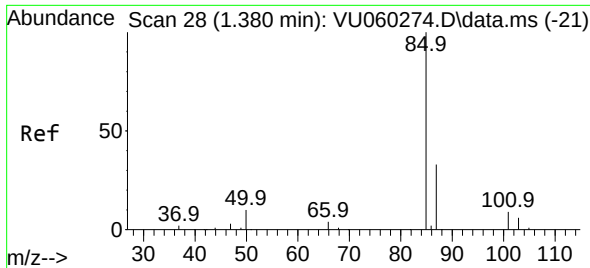
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08/01/2024

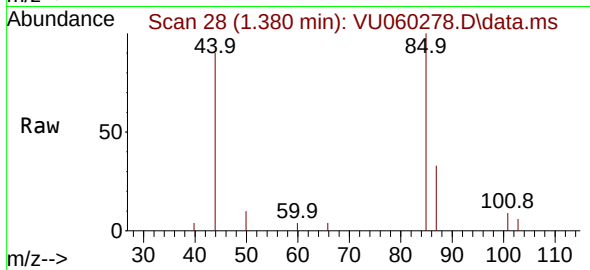
Supervised By :Semsettin
Yesilyurt
08/01/2024





#2
Dichlorodifluoromethane
Concen: 2.256 ug/L
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

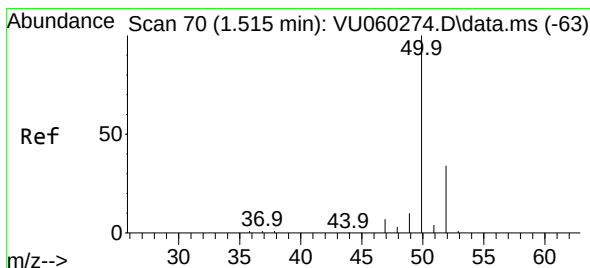
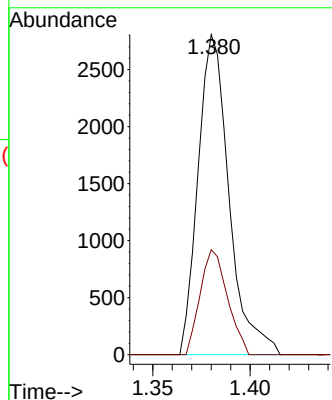


Tgt Ion: 85 Resp: 3108
Ion Ratio Lower Upper
85 100
87 28.8 25.4 38.2

Manual Integrations
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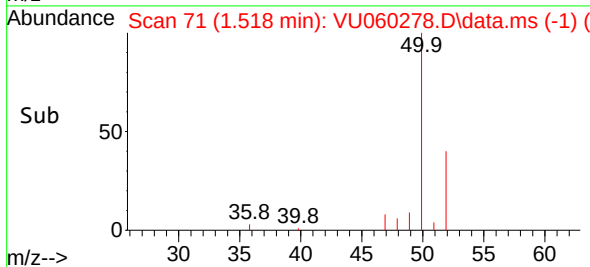
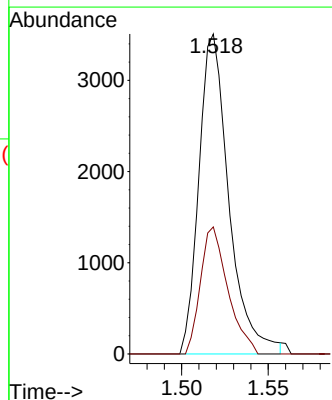
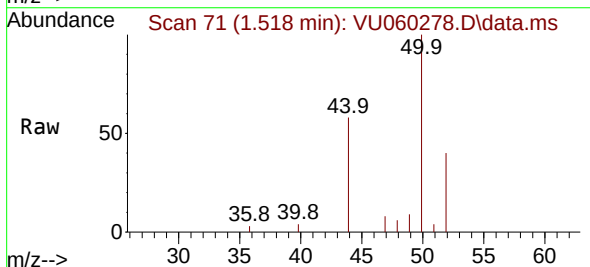
Reviewed By :Mahesh
Dadoda
08/01/2024

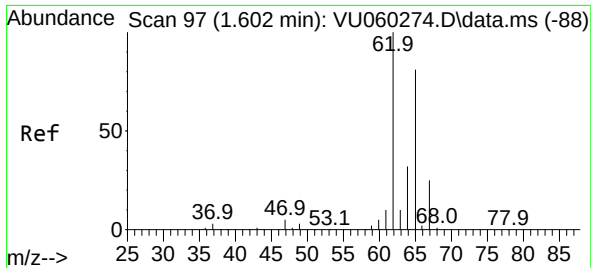
Supervised By :Semsettin
Yesilyurt
08/01/2024



#3
Chloromethane
Concen: 3.130 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

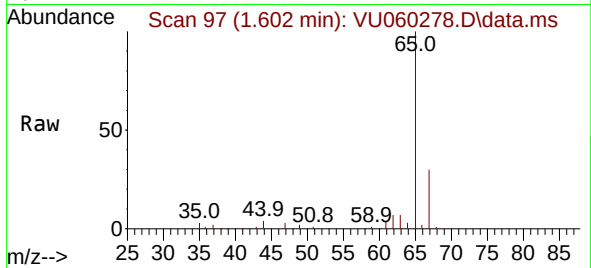
Tgt Ion: 50 Resp: 4230
Ion Ratio Lower Upper
50 100
52 39.7 24.5 45.5





#5
 Vinyl chloride
 Concen: 2.870 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU060278.D
 Acq: 31 Jul 2024 12:49

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-MED-SOIL-QT3-2024-05

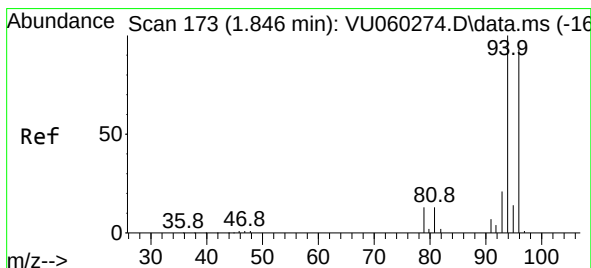
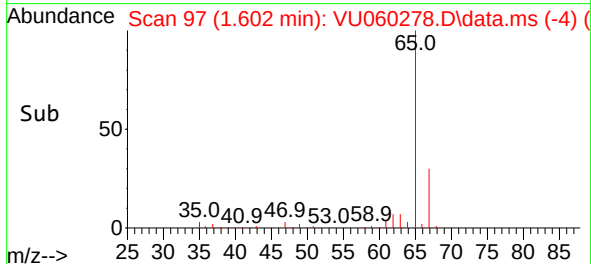
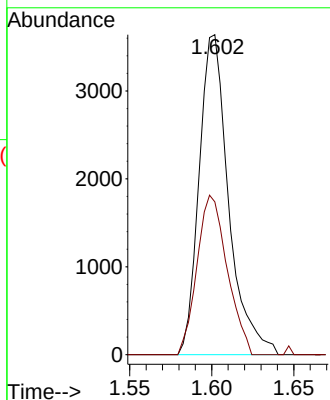


Tgt Ion: 62 Resp: 4554
 Ion Ratio Lower Upper
 62 100
 64 47.8 22.9 42.5

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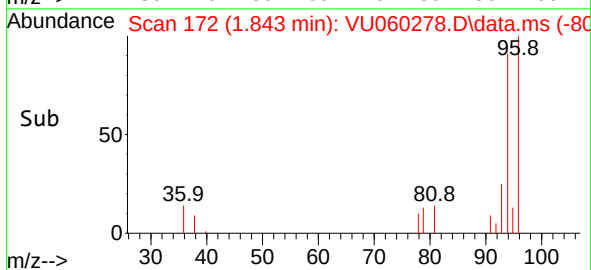
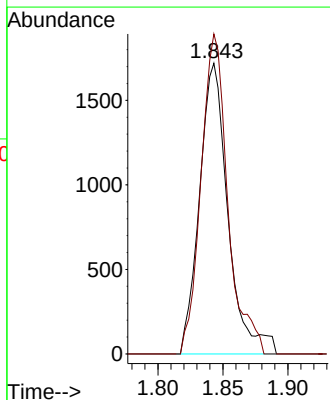
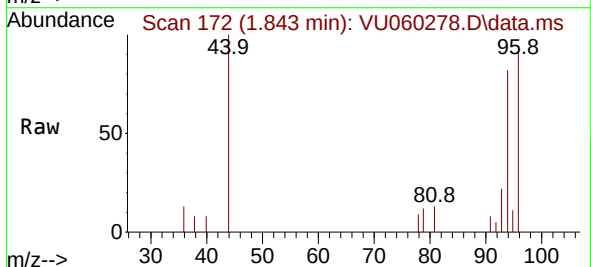
Reviewed By :Mahesh
 Dadoda
 08/01/2024

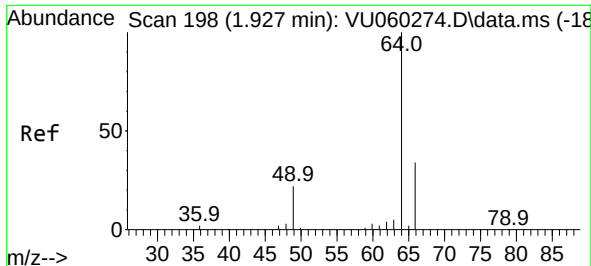
Supervised By :Semsettin
 Yesilyurt
 08/01/2024



#6
 Bromomethane
 Concen: 3.145 ug/L m
 RT: 1.843 min Scan# 172
 Delta R.T. -0.003 min
 Lab File: VU060278.D
 Acq: 31 Jul 2024 12:49

Tgt Ion: 94 Resp: 2621
 Ion Ratio Lower Upper
 94 100
 96 110.1 65.2 121.2





#8

Chloroethane

Concen: 2.651 ug/L

RT: 1.923 min Scan# 198

Delta R.T. -0.003 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05

Tgt Ion: 64 Resp: 2738

Ion Ratio Lower Upper

64 100

66 29.4 22.3 41.3

Manual Integrations

APPROVED

Reviewed By :Mahesh

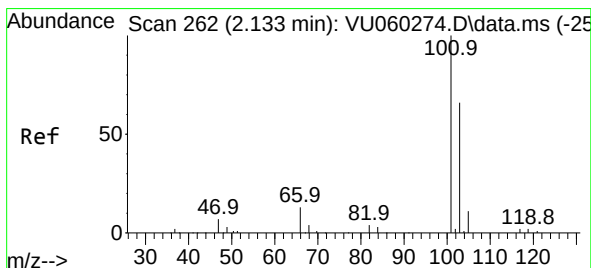
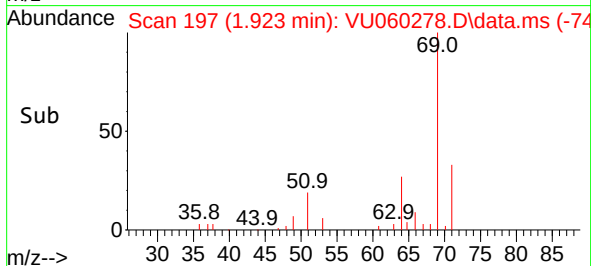
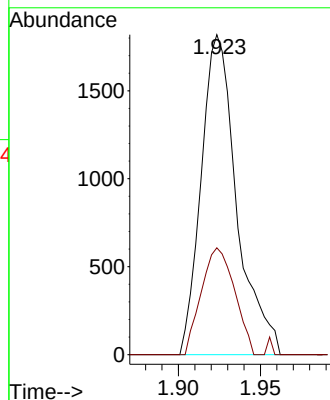
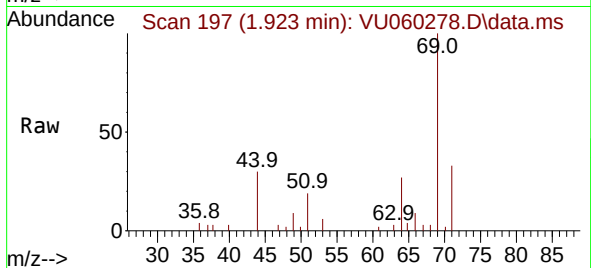
Dadoda

08/01/2024

Supervised By :Semsettin

Yesilyurt

08/01/2024



#9

Trichlorofluoromethane

Concen: 2.403 ug/L

RT: 2.129 min Scan# 261

Delta R.T. -0.003 min

Lab File: VU060278.D

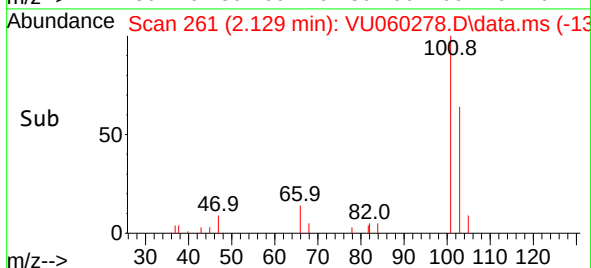
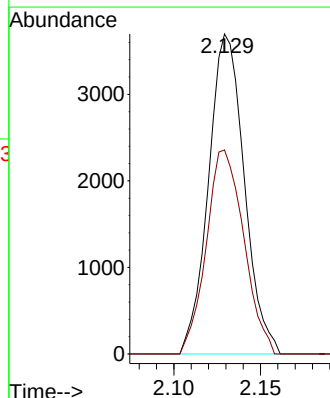
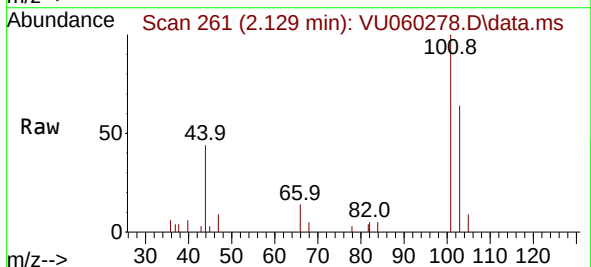
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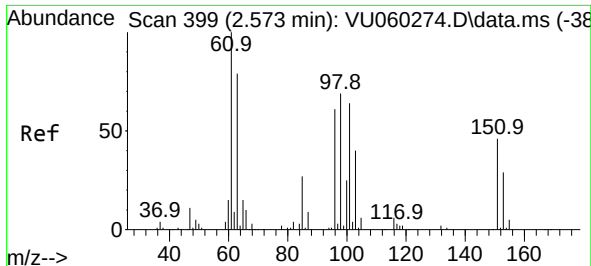
Tgt Ion:101 Resp: 5308

Ion Ratio Lower Upper

101 100

103 66.7 52.3 78.5





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.221 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060278.D
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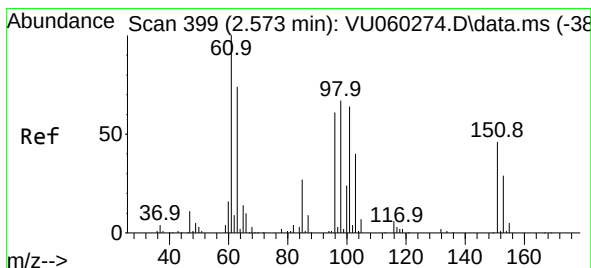
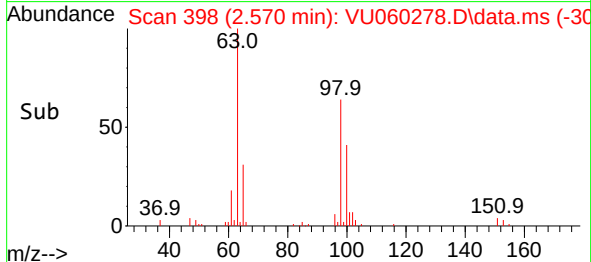
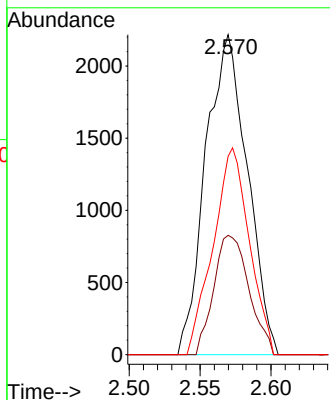
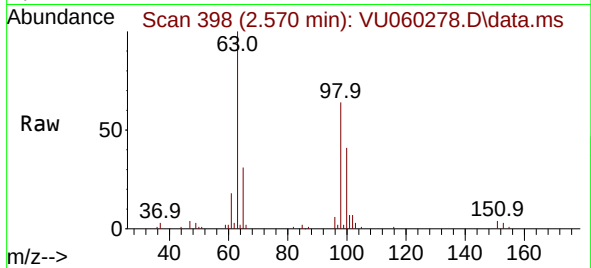
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Tgt Ion: 101 Resp: 4529
Ion Ratio Lower Upper
101 100
85 31.6 34.8 52.2
151 56.2 62.3 93.5

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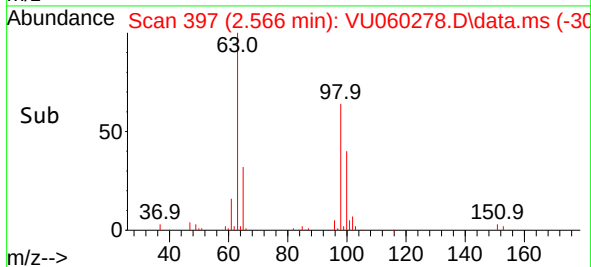
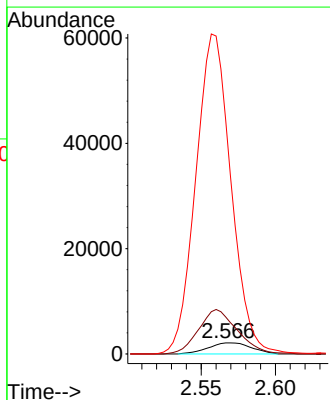
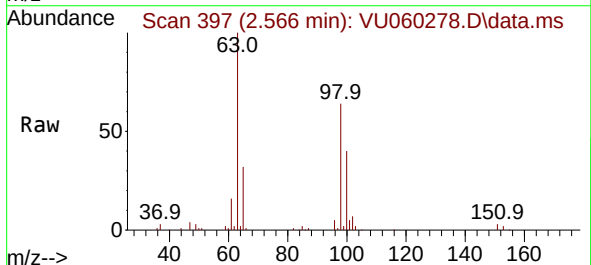
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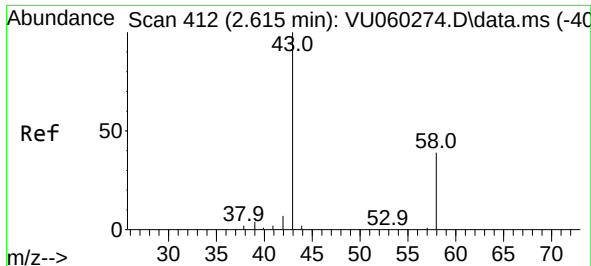
Supervised By :Semsettin
Yesilyurt
08/01/2024



#12
1,1-Dichloroethene
Concen: 3.229 ug/L
RT: 2.566 min Scan# 397
Delta R.T. -0.007 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

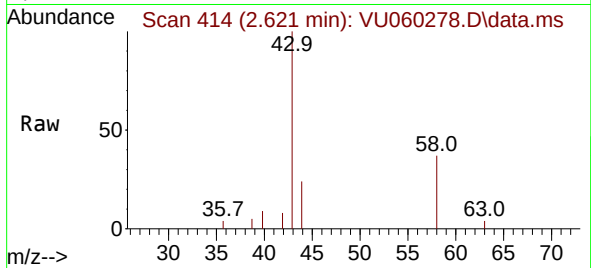
Tgt Ion: 96 Resp: 4246
Ion Ratio Lower Upper
96 100
61 335.4 112.2 208.4#
63 2123.5 87.4 162.2#





#13
Acetone
Concen: 4.882 ug/L
RT: 2.621 min Scan# 412
Delta R.T. 0.006 min
Lab File: VU060278.D
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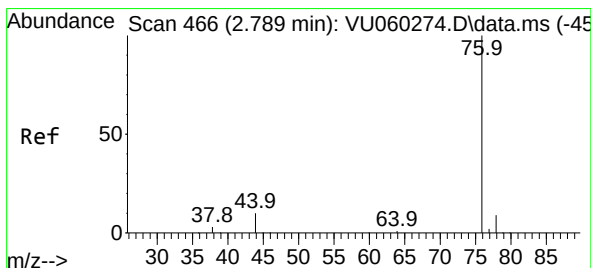
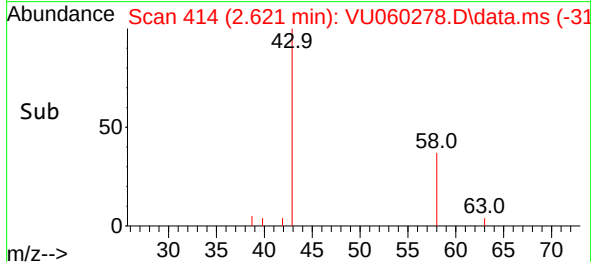
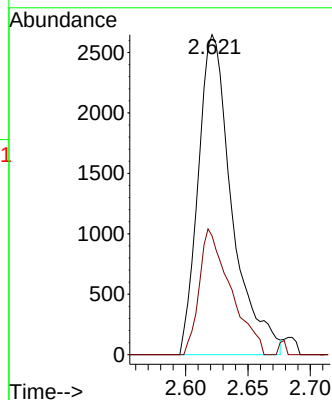


Tgt Ion: 43 Resp: 4975
Ion Ratio Lower Upper
43 100
58 36.6 0.0 73.8

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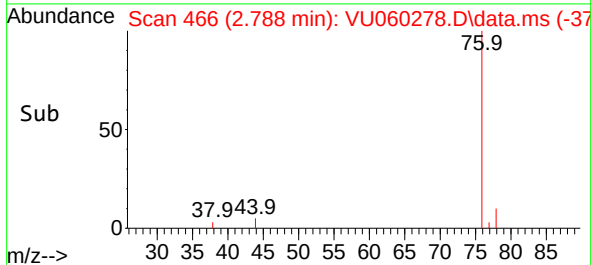
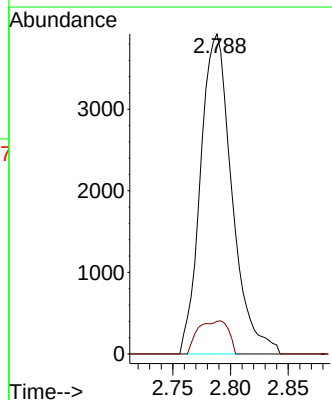
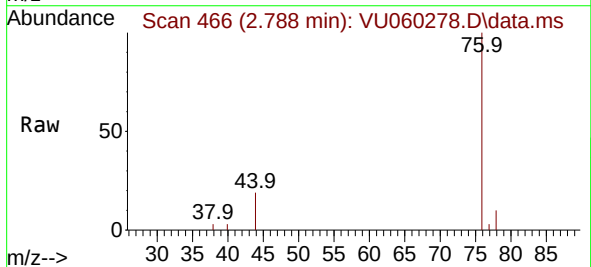
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Dadoda
08/01/2024

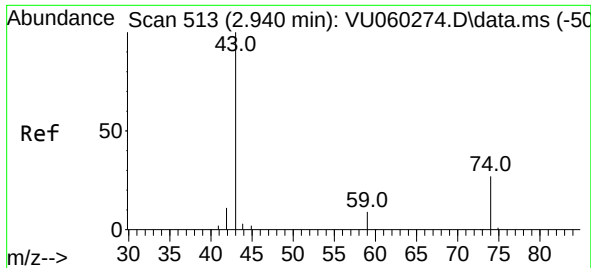
Supervised By :Semsettin
Yesilyurt
08/01/2024



#14
Carbon disulfide
Concen: 2.240 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion: 76 Resp: 7435
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.4





#15
Methyl Acetate
Concen: 2.884 ug/L
RT: 2.949 min Scan# 513
Delta R.T. 0.009 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

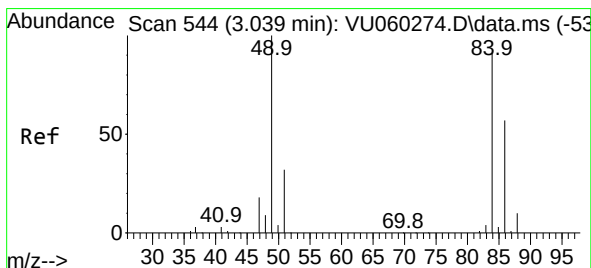
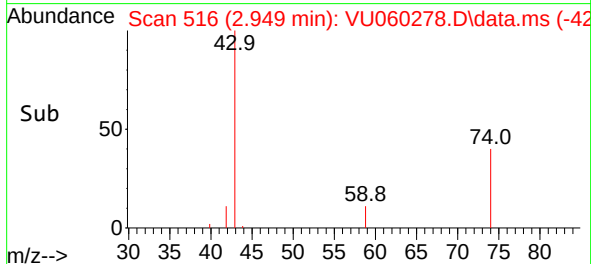
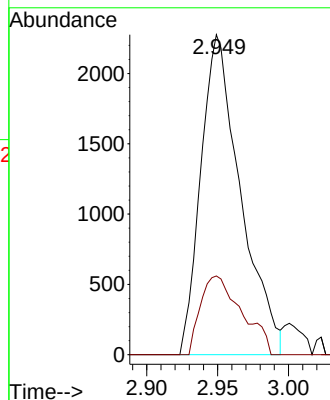
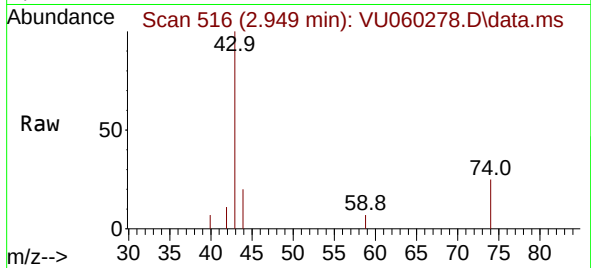
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
74 22.2 24.1 36.1

Manual Integrations
APPROVED

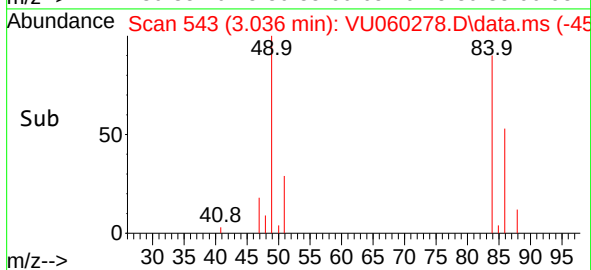
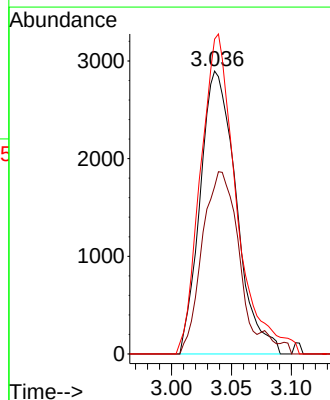
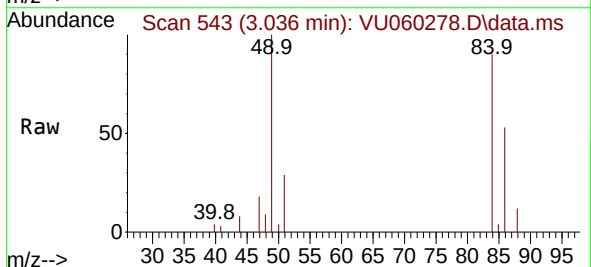
Reviewed By :Mahesh
Dadoda
08/01/2024

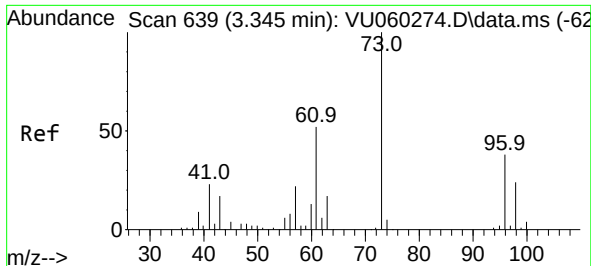
Supervised By :Semsettin
Yesilyurt
08/01/2024



#16
Methylene chloride
Concen: 3.650 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

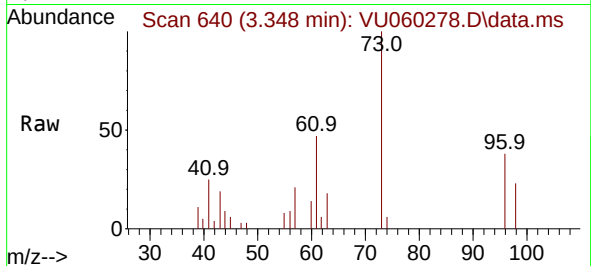
Tgt Ion: 84 Resp: 6053
Ion Ratio Lower Upper
84 100
86 59.2 44.7 83.1
49 111.3 71.6 133.0





#17
trans-1,2-Dichloroethene
Concen: 2.460 ug/L m
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

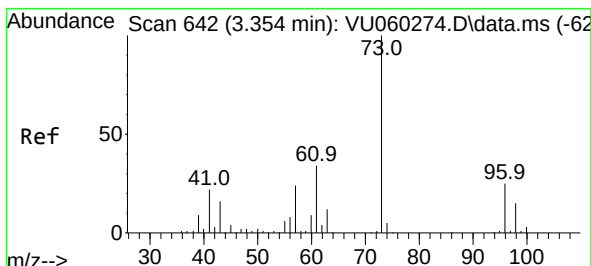
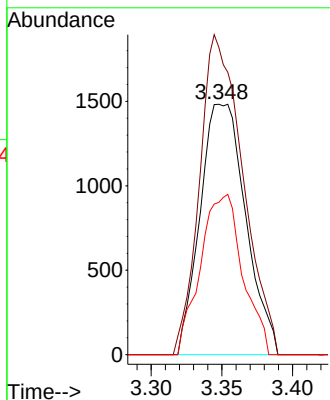
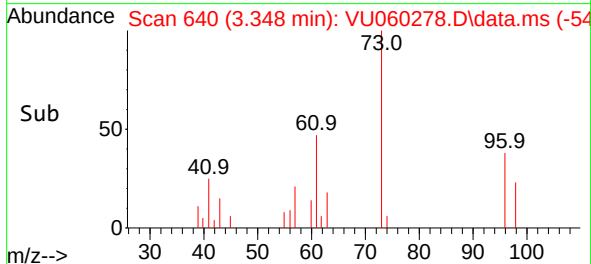


Tgt Ion: 96 Resp: 3330
Ion Ratio Lower Upper
96 100
61 122.7 90.6 168.3
98 60.8 44.9 83.3

Manual Integrations
APPROVED

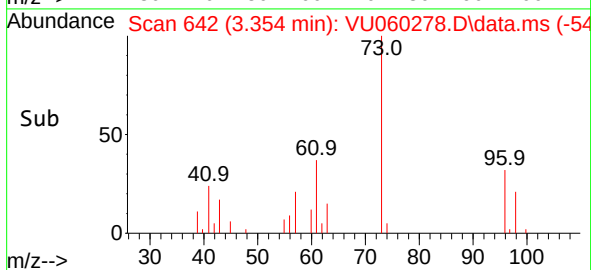
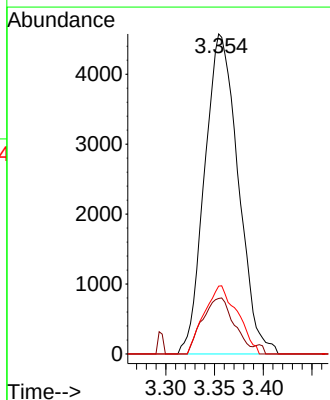
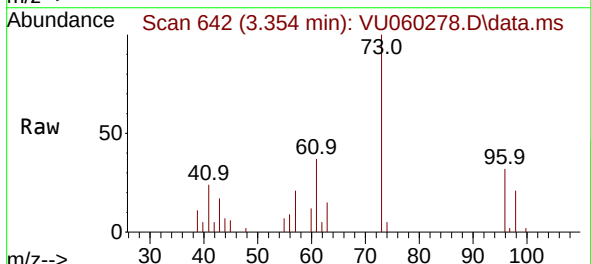
Reviewed By :Mahesh
Dadoda
08/01/2024

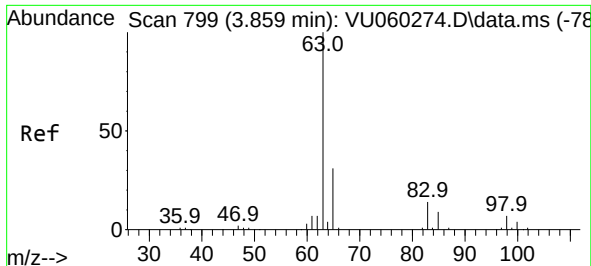
Supervised By :Semsettin
Yesilyurt
08/01/2024



#18
Methyl tert-butyl Ether
Concen: 2.493 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion: 73 Resp: 10962
Ion Ratio Lower Upper
73 100
43 16.7 14.1 21.1
57 21.1 17.1 25.7





#19

1,1-Dichloroethane

Concen: 2.834 ug/L

RT: 3.856 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05

Tgt Ion: 63 Resp: 7278

Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.3	43.3
83	12.3	9.8	18.2

Manual Integrations
APPROVED

Reviewed By :Mahesh

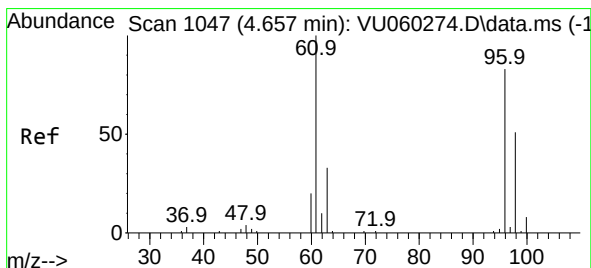
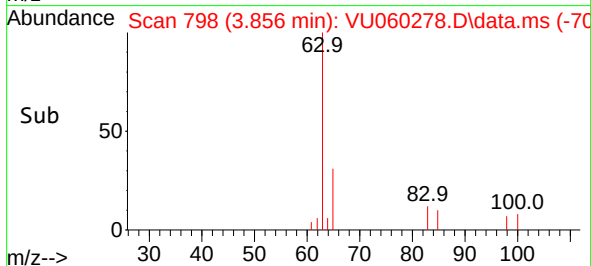
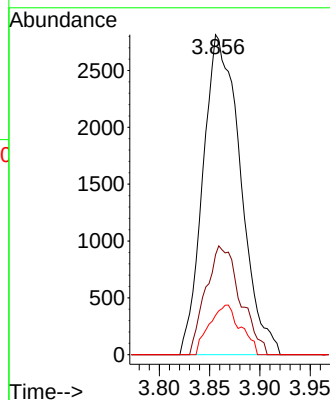
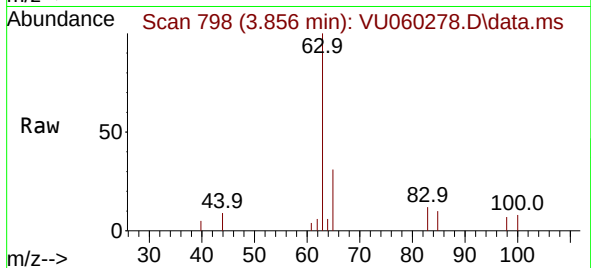
Dadoda

08/01/2024

Supervised By :Semsettin

Yesilyurt

08/01/2024



#20

cis-1,2-Dichloroethene

Concen: 2.637 ug/L

RT: 4.663 min Scan# 1049

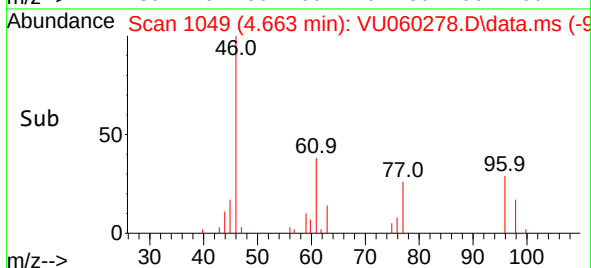
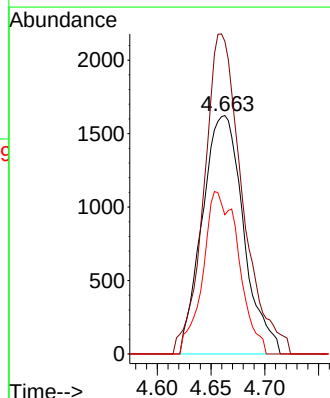
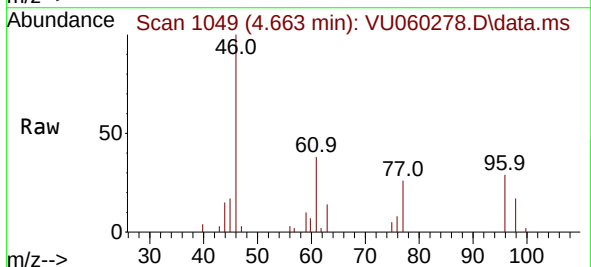
Delta R.T. 0.006 min

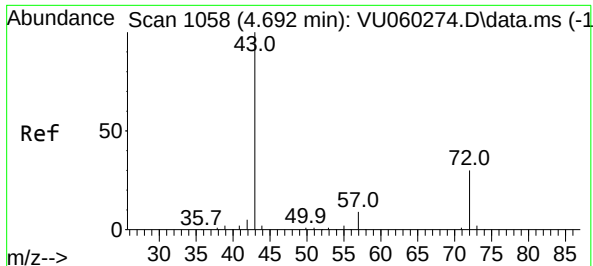
Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Tgt Ion: 96 Resp: 4323

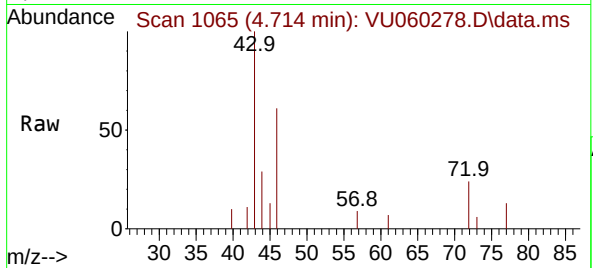
Ion	Ratio	Lower	Upper
96	100		
61	131.2	83.2	154.4
98	58.4	45.9	85.3





#22
2-Butanone
Concen: 5.369 ug/L m
RT: 4.714 min Scan# 1065
Delta R.T. 0.022 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument : MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05

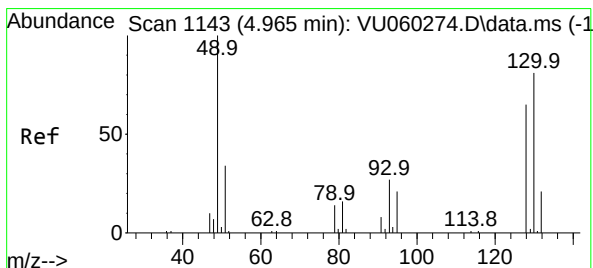
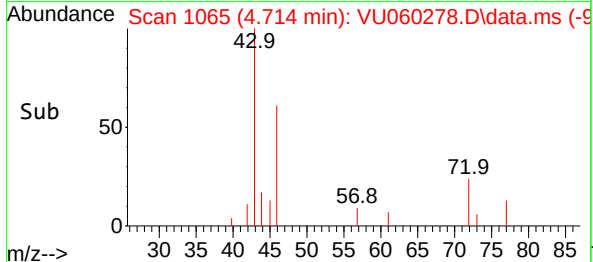
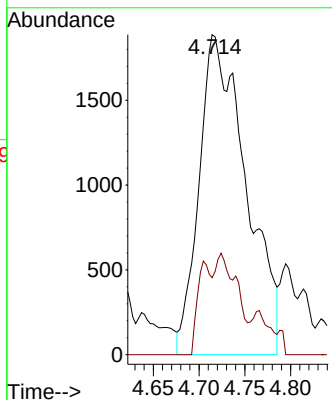


Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
72 8.7 16.4 49.2

Manual Integrations
APPROVED

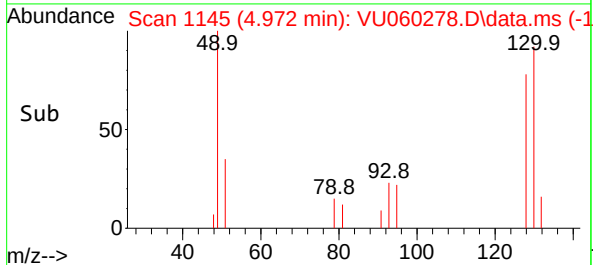
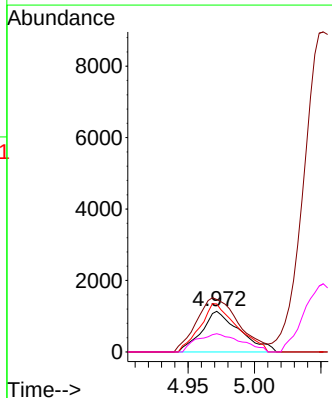
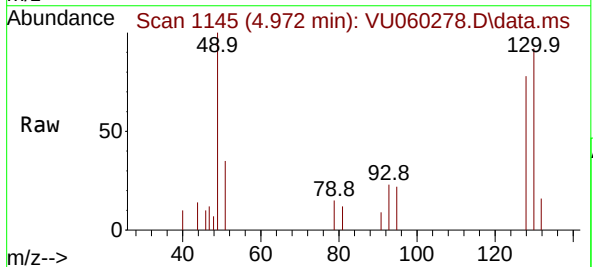
Reviewed By :Mahesh
Dadoda
08/01/2024

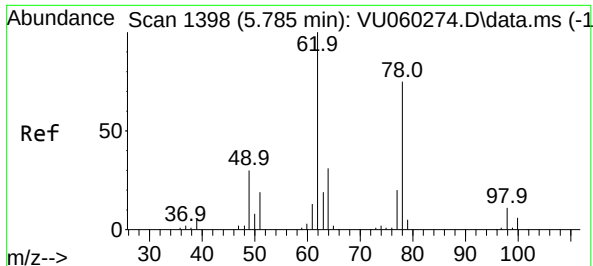
Supervised By :Semsettin
Yesilyurt
08/01/2024



#23
Bromochloromethane
Concen: 2.626 ug/L m
RT: 4.972 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion:128 Resp: 2271
Ion Ratio Lower Upper
128 100
49 128.9 96.7 179.7
130 118.0 86.3 160.3
51 44.9 34.1 51.1





#27
1,2-Dichloroethane
Concen: 2.755 ug/L
RT: 5.791 min Scan# 1400
Delta R.T. 0.006 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

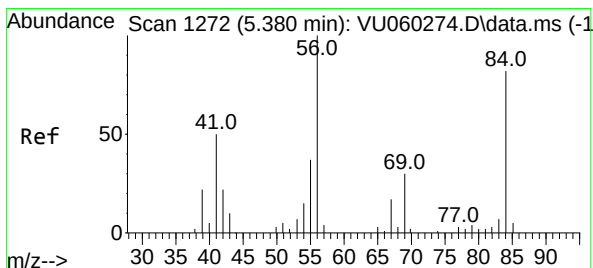
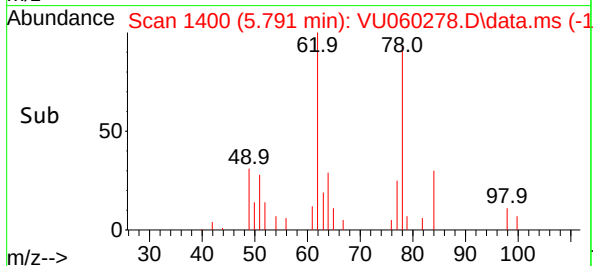
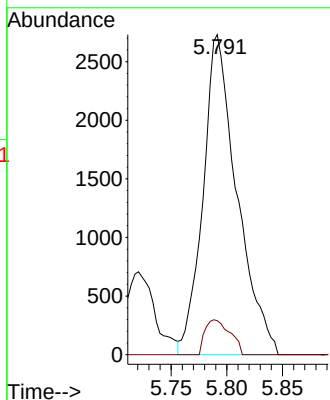
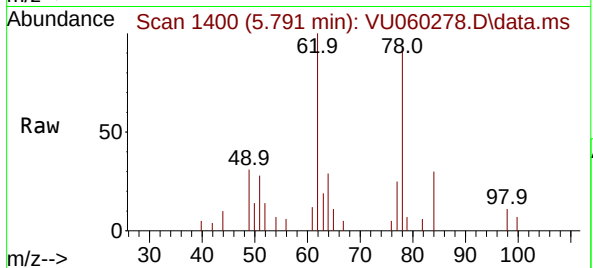
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

Tgt Ion: 62 Resp: 5778
Ion Ratio Lower Upper
62 100
98 10.7 7.8 11.8

Manual Integrations
APPROVED

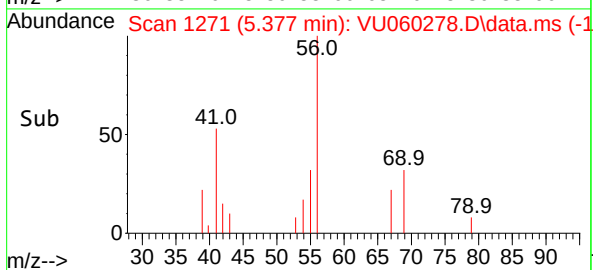
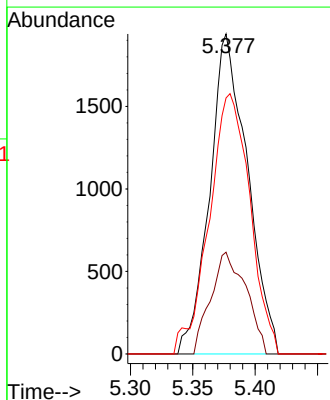
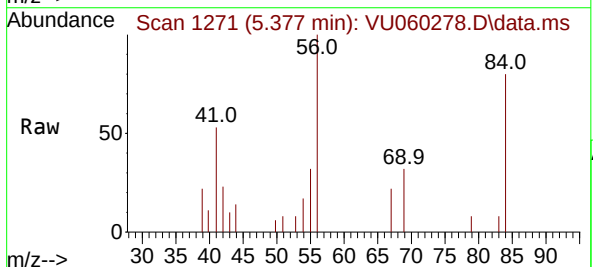
Reviewed By :Mahesh
Dadoda
08/01/2024

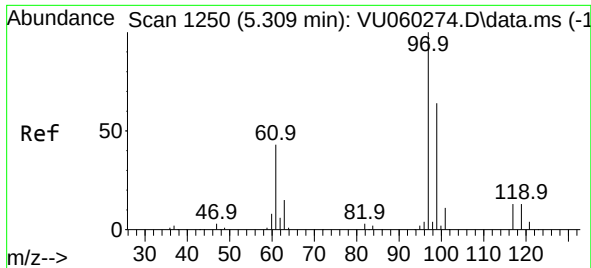
Supervised By :Semsettin
Yesilyurt
08/01/2024



#29
Cyclohexane
Concen: 1.994 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion: 56 Resp: 4076
Ion Ratio Lower Upper
56 100
69 29.8 26.0 39.0
84 84.9 75.5 113.3





#30
1,1,1-Trichloroethane
Concen: 2.435 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument : MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05

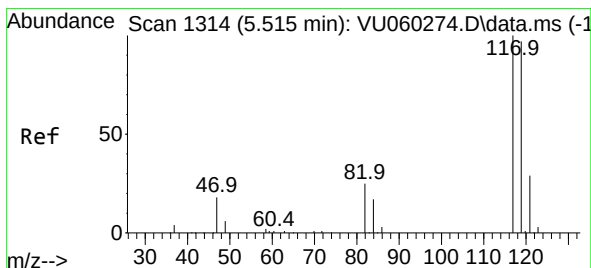
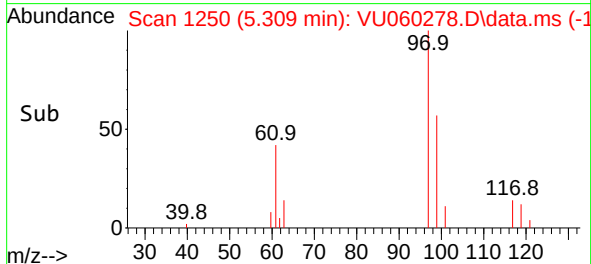
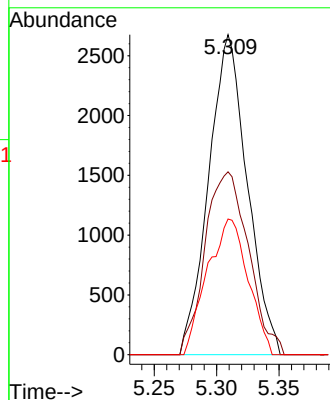
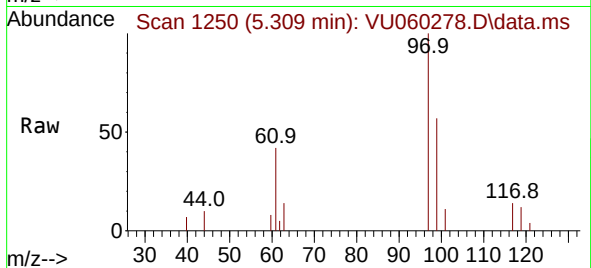
Tgt Ion: 97 Resp: 575

Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	44.8	35.2	52.8

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda
08/01/2024

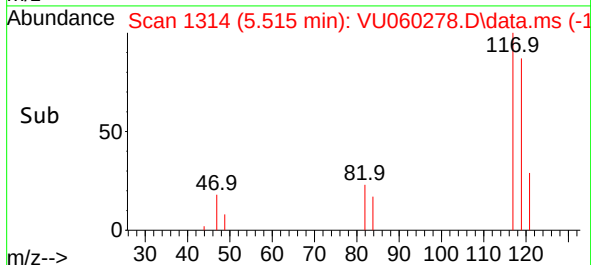
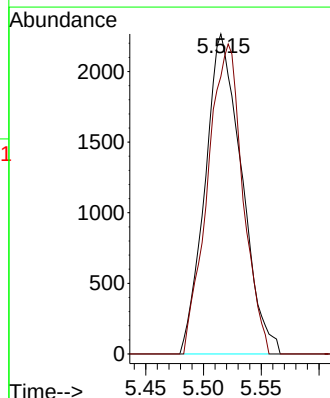
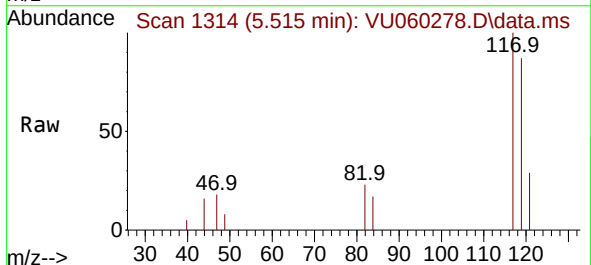
Supervised By :Semsettin
Yesilyurt
08/01/2024

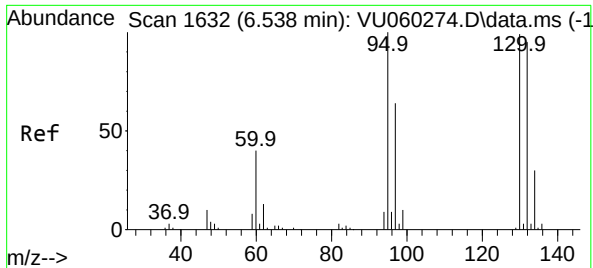


#31
Carbon tetrachloride
Concen: 2.554 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion:117 Resp: 4990

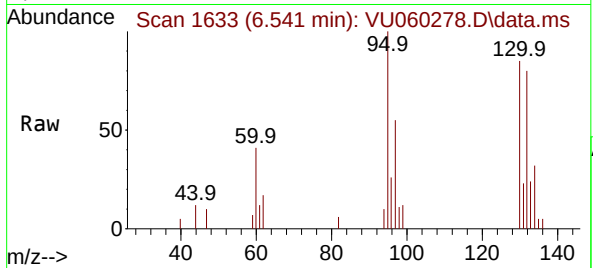
Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.6	116.4





#34
Trichloroethene
Concen: 2.611 ug/L m
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument : MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05

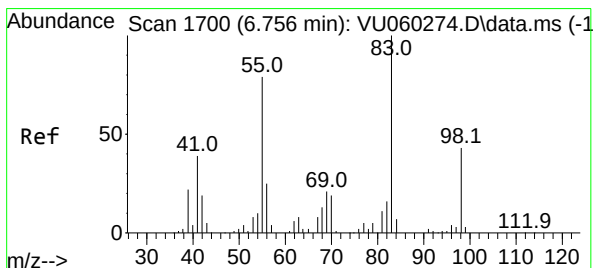
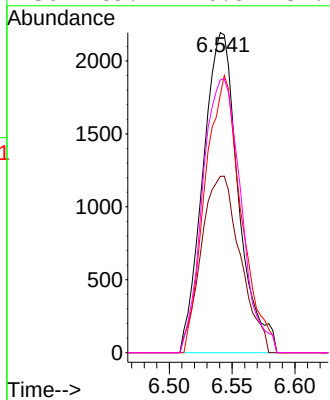
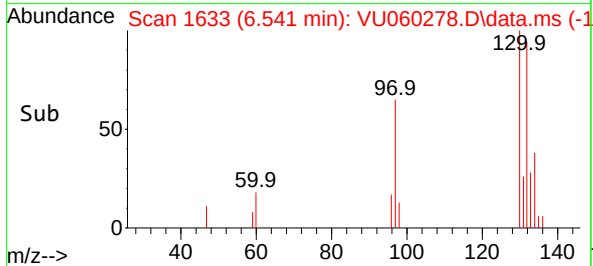


Tgt Ion: 95 Resp: 429
Ion Ratio Lower Upper
95 100
97 55.1 45.8 85.2
132 80.4 69.8 129.6
130 85.2 70.8 131.6

Manual Integrations
APPROVED

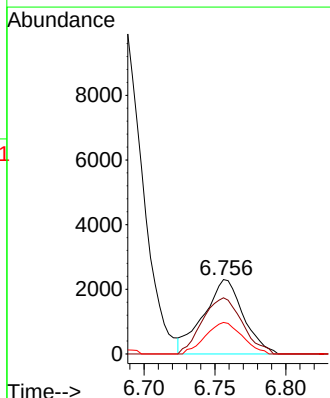
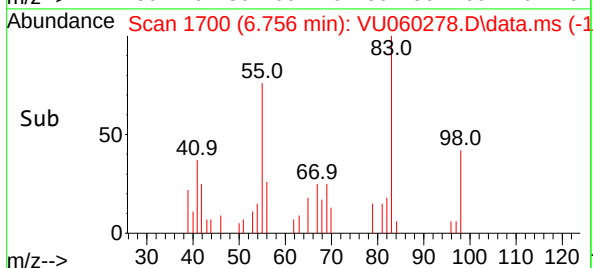
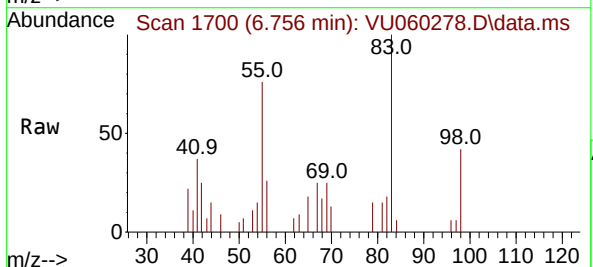
Reviewed By :Mahesh
Dadoda
08/01/2024

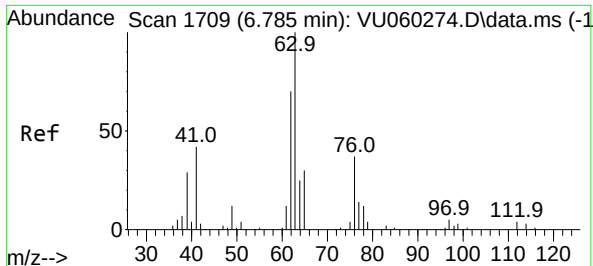
Supervised By :Semsettin
Yesilyurt
08/01/2024



#35
Methylcyclohexane
Concen: 1.970 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion: 83 Resp: 4475
Ion Ratio Lower Upper
83 100
55 76.0 56.8 85.2
98 39.2 36.5 54.7





#37
1,2-Dichloropropane
Concen: 2.865 ug/L
RT: 6.788 min Scan# 1709
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

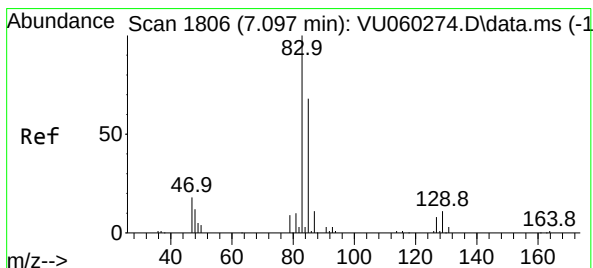
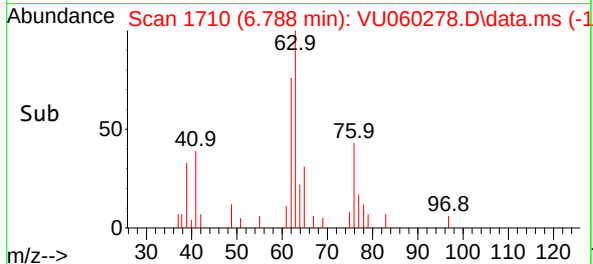
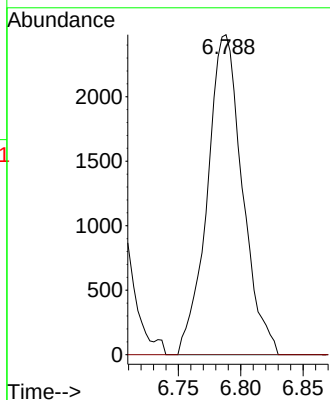
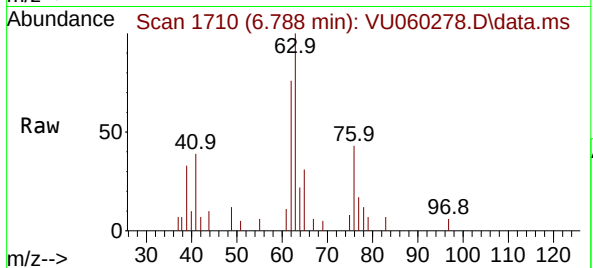
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

Tgt Ion: 63 Resp: 486
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6

Manual Integrations
APPROVED

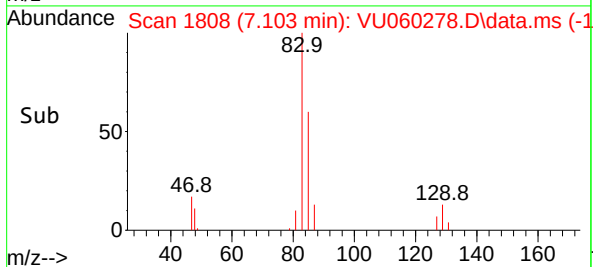
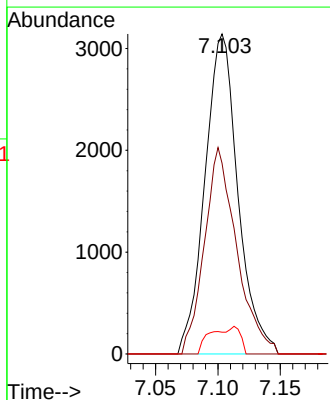
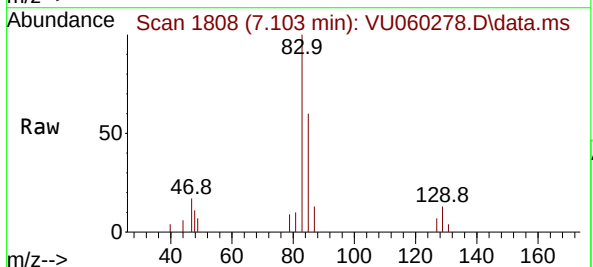
Reviewed By :Mahesh
Dadoda
08/01/2024

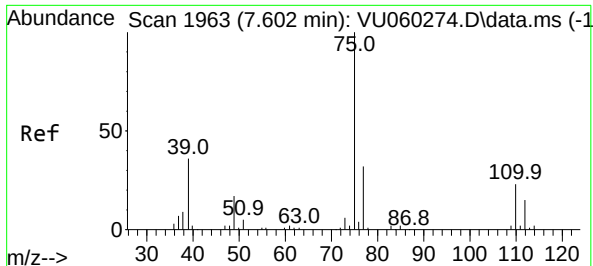
Supervised By :Semsettin
Yesilyurt
08/01/2024



#38
Bromodichloromethane
Concen: 2.696 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion: 83 Resp: 5796
Ion Ratio Lower Upper
83 100
85 59.6 45.0 83.6
127 6.8 7.4 11.2





#39
 cis-1,3-Dichloropropene
 Concen: 2.348 ug/L
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU060278.D
 Acq: 31 Jul 2024 12:49

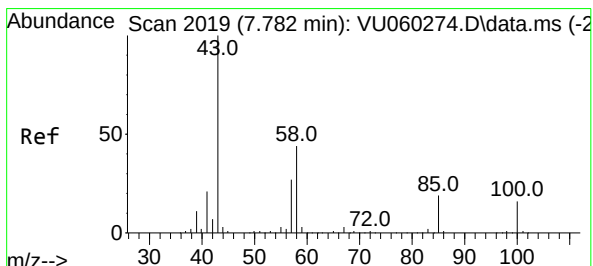
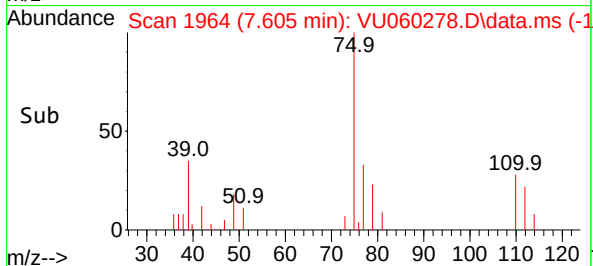
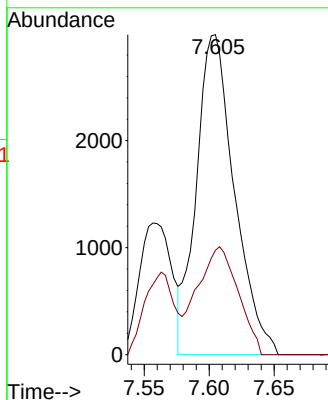
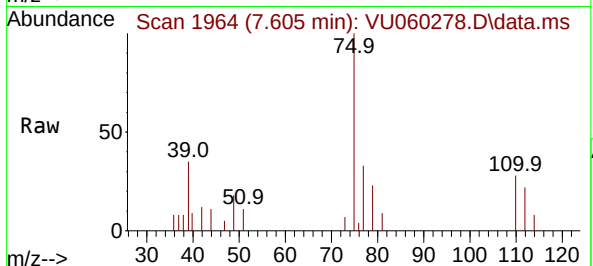
Instrument : MSVOA_U
 ClientSampleId : MDL-MED-SOIL-QT3-2024-05

Tgt Ion: 75 Resp: 6090
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.6 40.2

Manual Integrations
 APPROVED

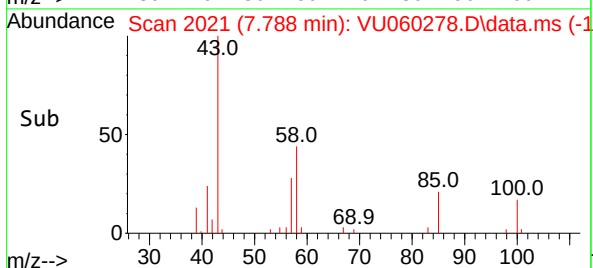
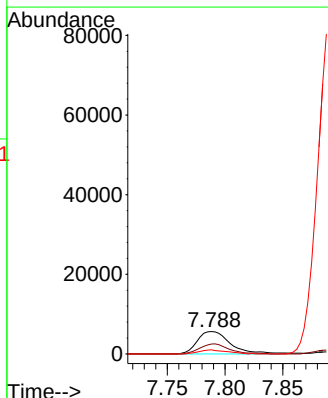
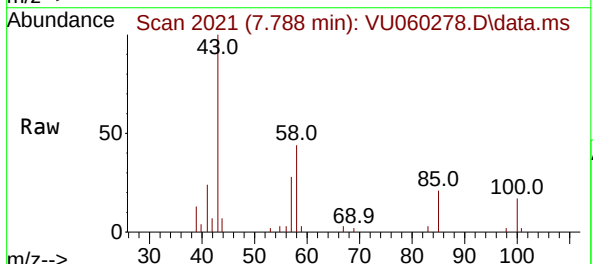
Reviewed By :Mahesh
 Dadoda
 08/01/2024

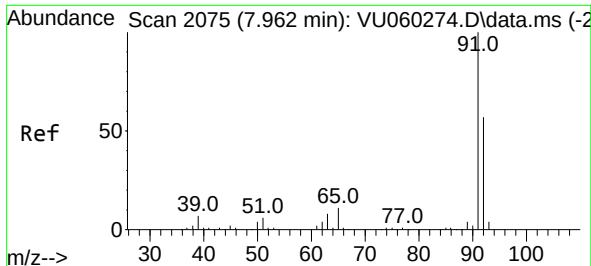
Supervised By :Semsettin
 Yesilyurt
 08/01/2024



#40
 4-Methyl-2-pentanone
 Concen: 5.221 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: VU060278.D
 Acq: 31 Jul 2024 12:49

Tgt Ion: 43 Resp: 11197
 Ion Ratio Lower Upper
 43 100
 58 38.4 35.3 52.9
 100 15.3 14.6 22.0





#42

Toluene

Concen: 2.372 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05

Tgt Ion: 91 Resp: 1596

Ion Ratio Lower Upper

91 100

92 51.3 39.3 72.9

Manual Integrations

APPROVED

Reviewed By :Mahesh

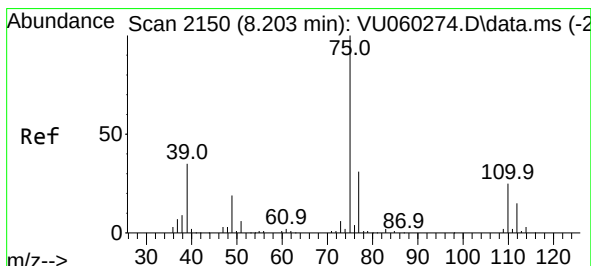
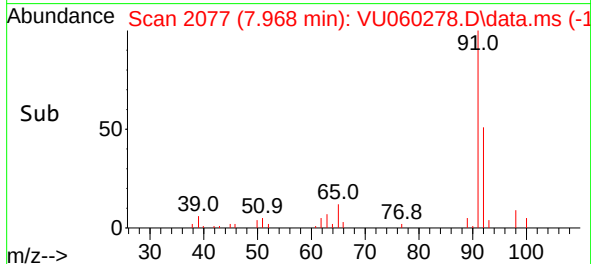
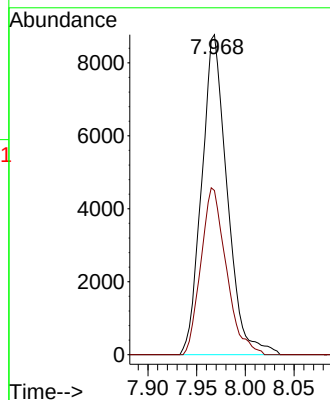
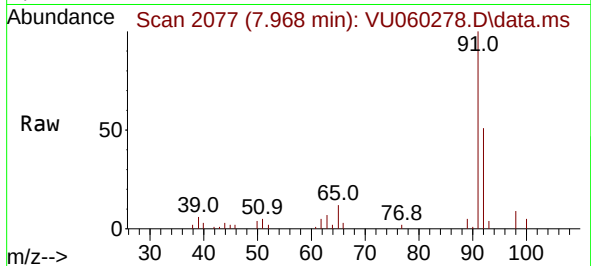
Dadoda

08/01/2024

Supervised By :Semsettin

Yesilyurt

08/01/2024



#44

trans-1,3-Dichloropropene

Concen: 2.370 ug/L

RT: 8.213 min Scan# 2153

Delta R.T. 0.009 min

Lab File: VU060278.D

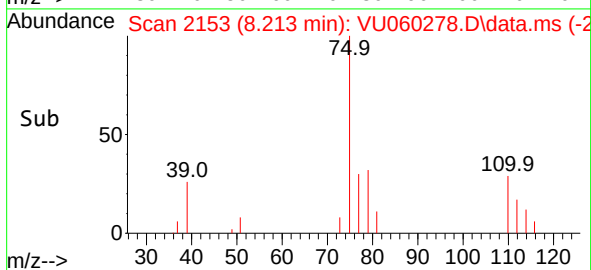
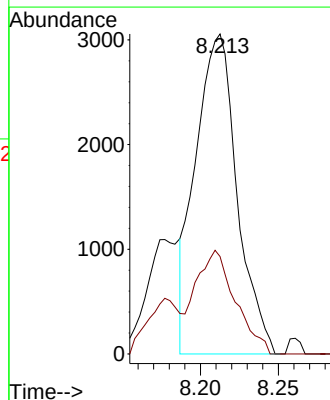
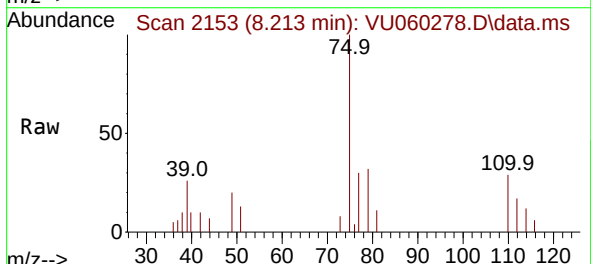
Acq: 31 Jul 2024 12:49

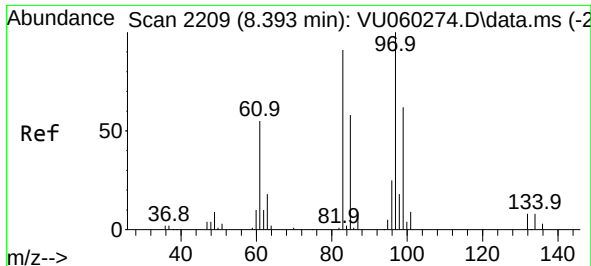
Tgt Ion: 75 Resp: 5651

Ion Ratio Lower Upper

75 100

77 30.4 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 2.697 ug/L

RT: 8.396 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05

Tgt Ion: 97 Resp: 479

Ion Ratio Lower Upper

97 100

99 58.1 43.1 80.1

83 86.5 60.4 112.2

85 61.1 38.8 72.0

Manual Integrations

APPROVED

Reviewed By :Mahesh

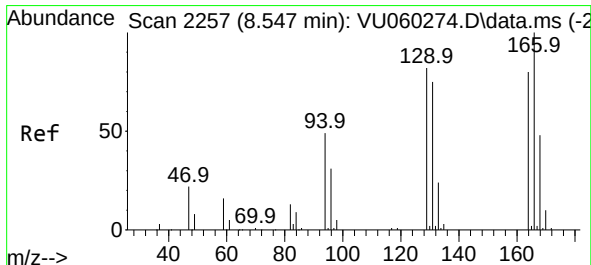
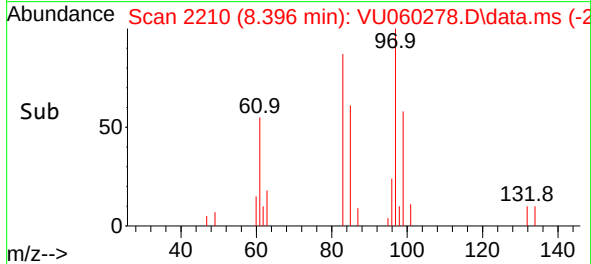
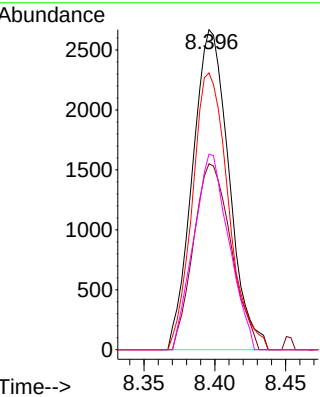
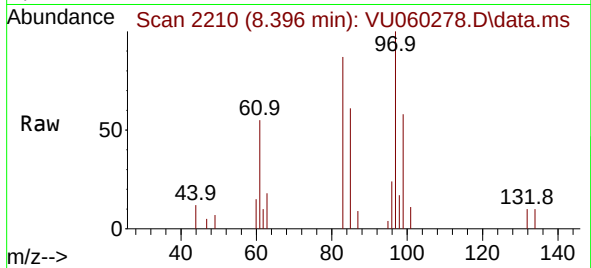
Dadoda

08/01/2024

Supervised By :Semsettin

Yesilyurt

08/01/2024



#46

Tetrachloroethene

Concen: 2.100 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Tgt Ion:164 Resp: 2842

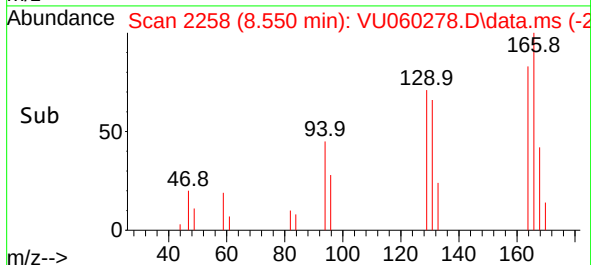
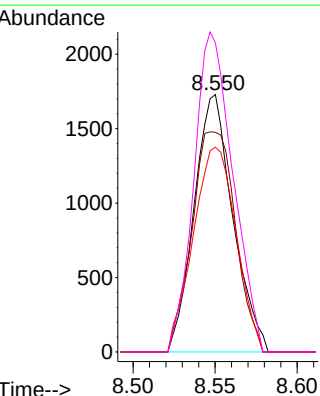
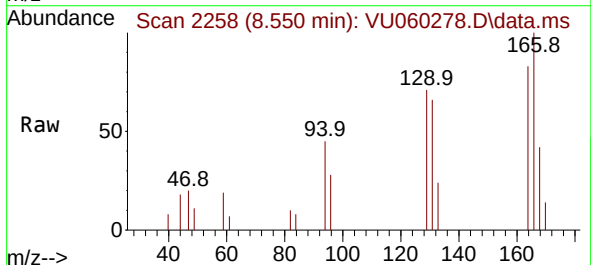
Ion Ratio Lower Upper

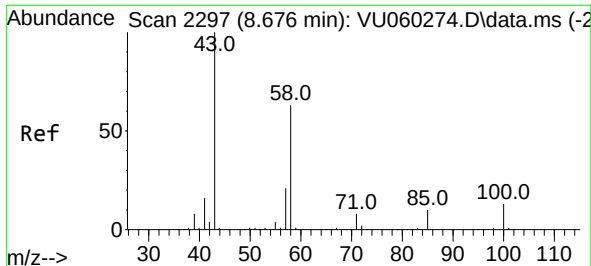
164 100

129 85.4 62.7 116.5

131 79.5 62.3 115.7

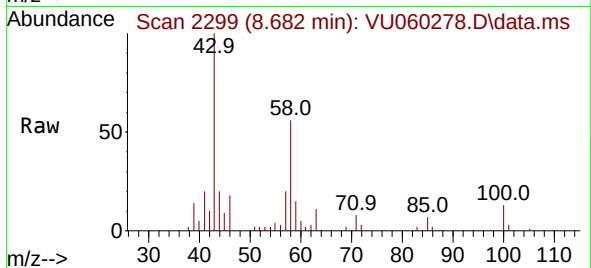
166 120.1 88.9 165.1





#48
2-Hexanone
Concen: 8.970 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.006 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05

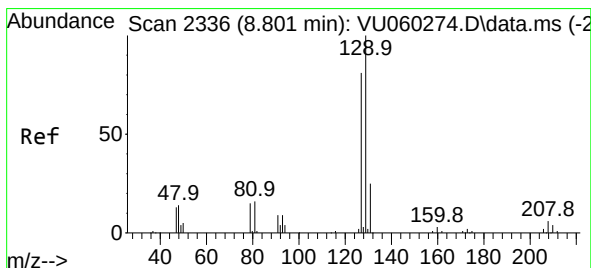
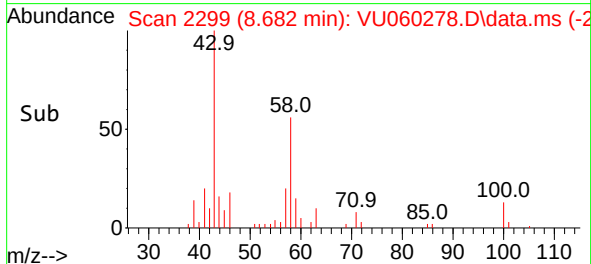
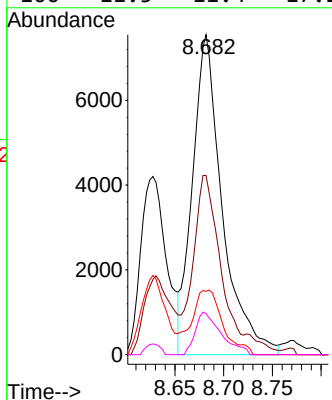


Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
58 42.1 49.0 73.6
57 4.4 16.7 25.1
100 11.5 11.4 17.2

Manual Integrations
APPROVED

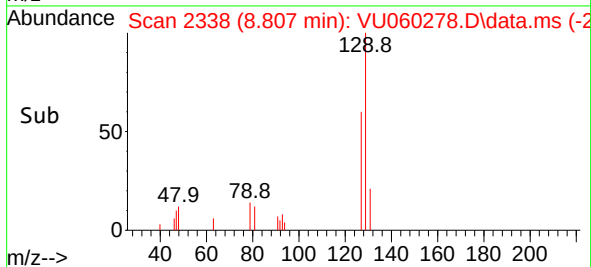
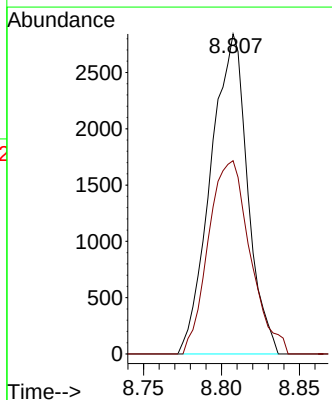
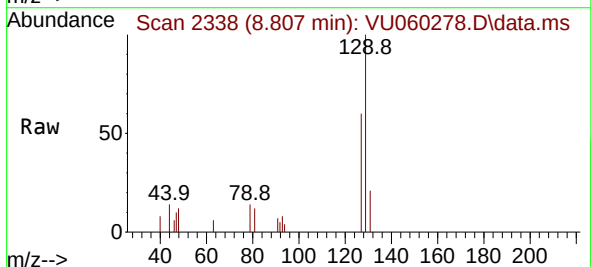
Reviewed By :Mahesh
Dadoda
08/01/2024

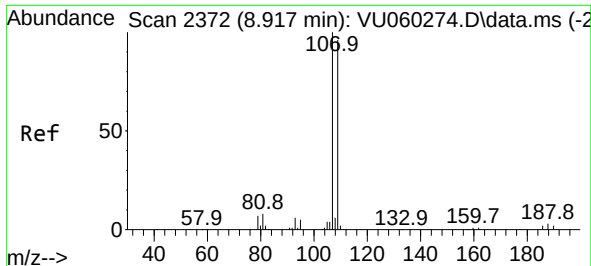
Supervised By :Semsettin
Yesilyurt
08/01/2024



#49
Dibromochloromethane
Concen: 2.673 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

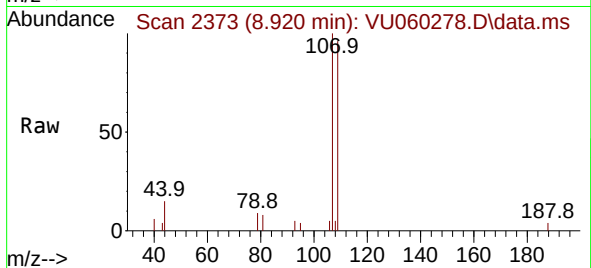
Tgt Ion:129 Resp: 4680
Ion Ratio Lower Upper
129 100
127 60.4 54.0 100.2





#50
1,2-Dibromoethane
Concen: 2.520 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

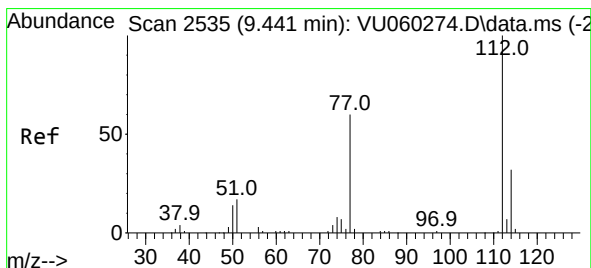
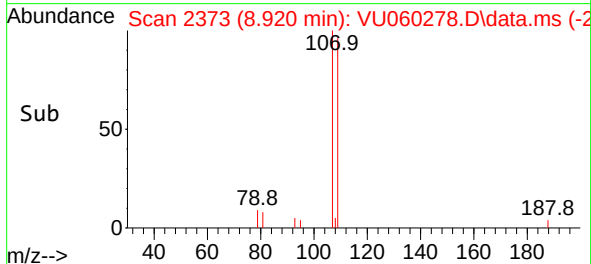
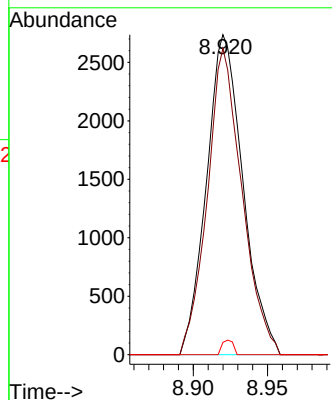


Tgt Ion:107 Resp: 468
Ion Ratio Lower Upper
107 100
109 95.7 65.5 121.6
188 3.9 3.0 4.4

Manual Integrations
APPROVED

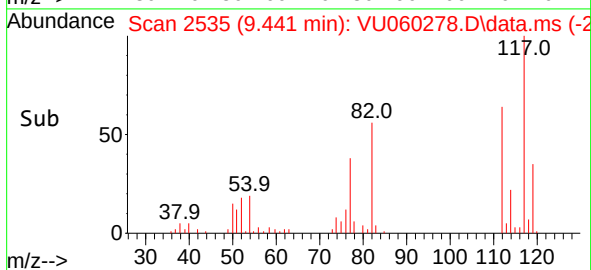
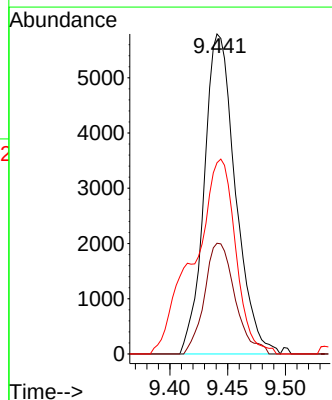
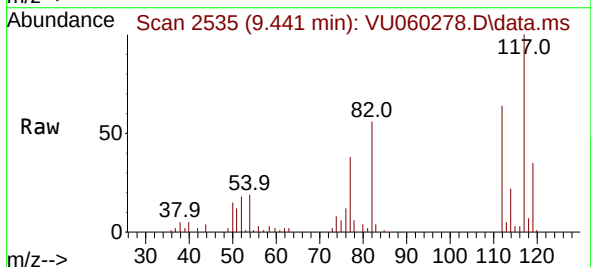
Reviewed By :Mahesh
Dadoda
08/01/2024

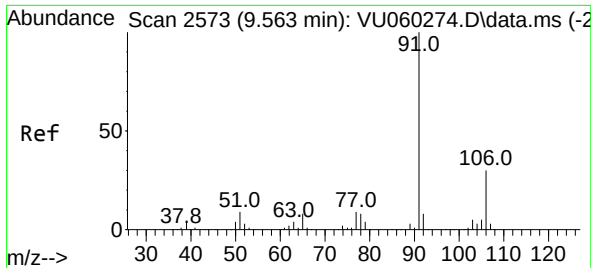
Supervised By :Semsettin
Yesilyurt
08/01/2024



#51
Chlorobenzene
Concen: 2.442 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion:112 Resp: 10912
Ion Ratio Lower Upper
112 100
114 34.6 22.7 42.3
77 59.8 45.8 68.6





#52
Ethylbenzene
Concen: 1.958 ug/L
RT: 9.566 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

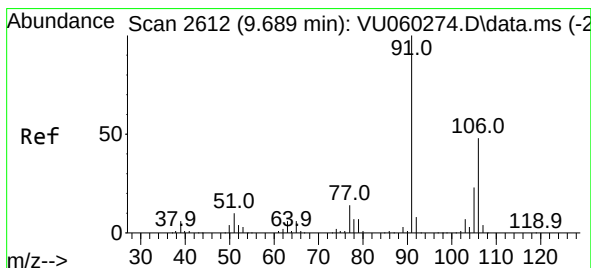
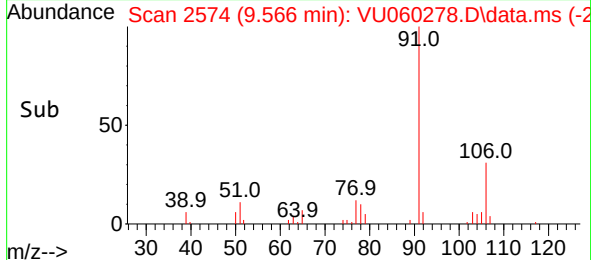
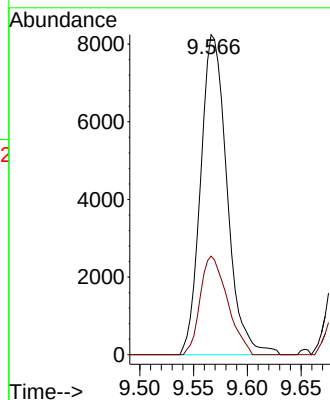
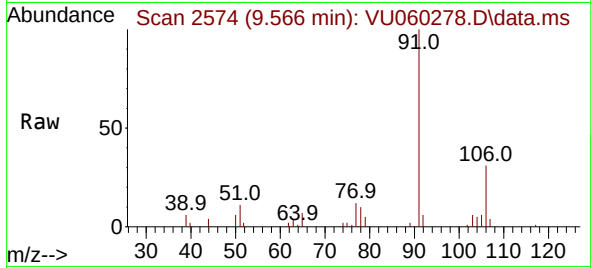
Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

Tgt Ion: 91 Resp: 14072
Ion Ratio Lower Upper
91 100
106 35.1 22.4 41.6

Manual Integrations
APPROVED

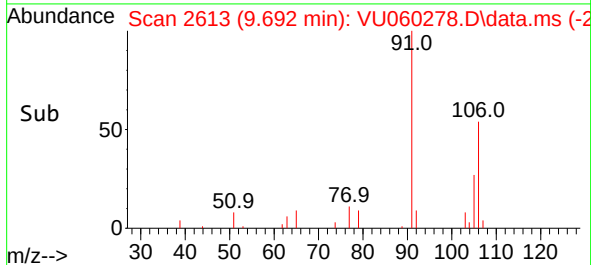
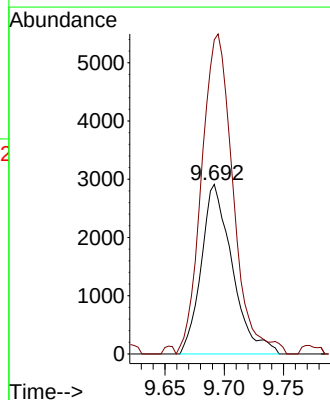
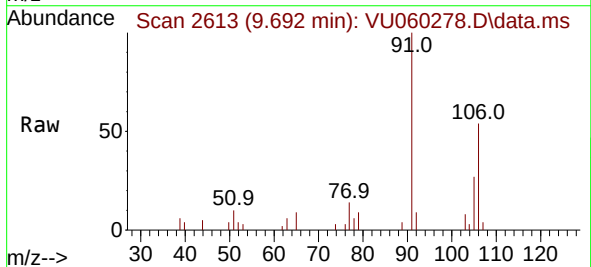
Reviewed By :Mahesh
Dadoda
08/01/2024

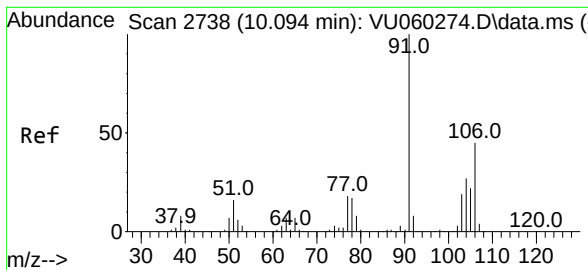
Supervised By :Semsettin
Yesilyurt
08/01/2024



#53
m,p-Xylene
Concen: 1.893 ug/L m
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion:106 Resp: 5296
Ion Ratio Lower Upper
106 100
91 185.3 140.9 261.7





#54
o-Xylene
Concen: 1.866 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

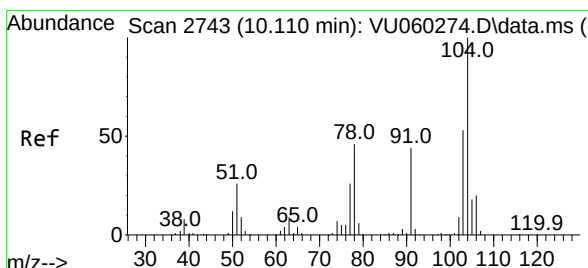
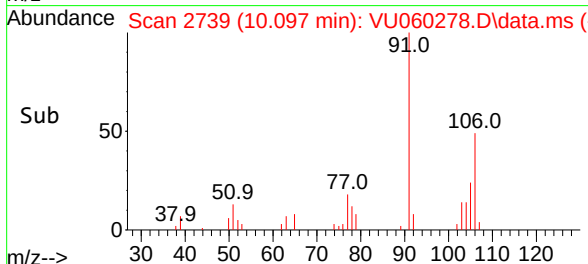
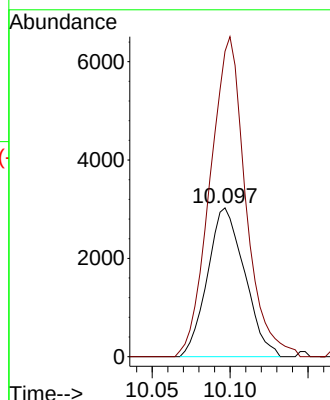
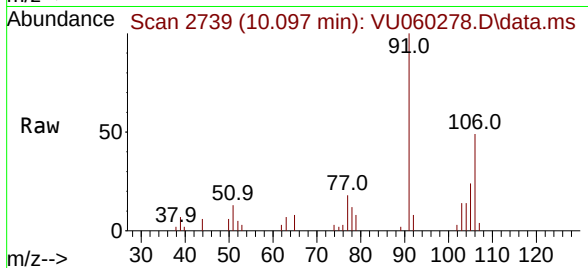
Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05

Tgt Ion:106 Resp: 502
Ion Ratio Lower Upper
106 100
91 205.1 147.4 273.8

Manual Integrations
APPROVED

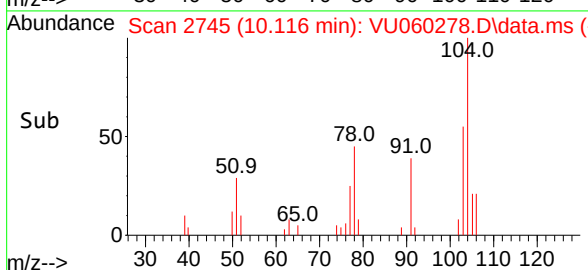
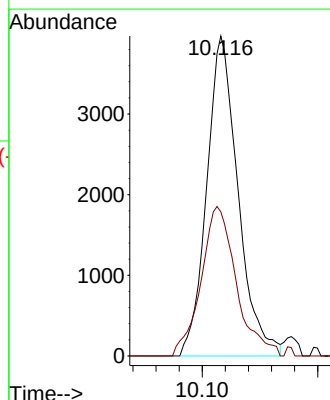
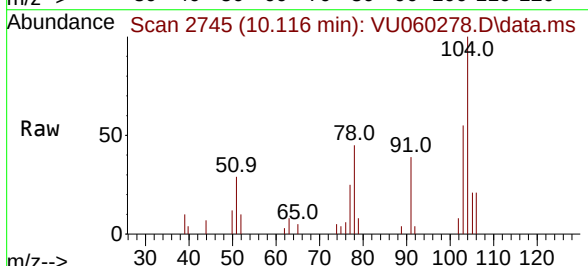
Reviewed By :Mahesh
Dadoda
08/01/2024

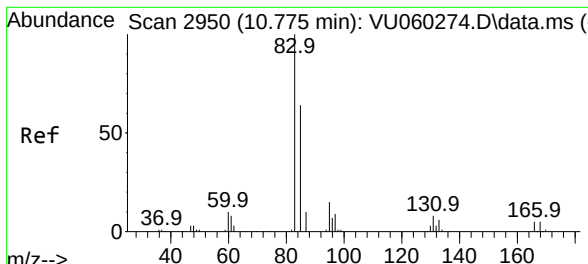
Supervised By :Semsettin
Yesilyurt
08/01/2024



#55
Styrene
Concen: 1.644 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

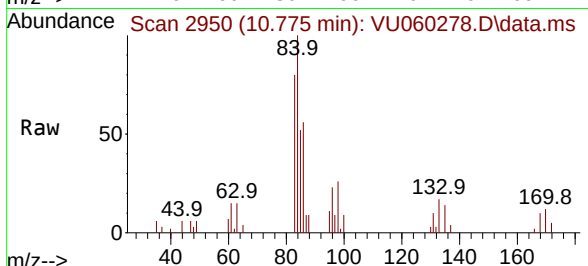
Tgt Ion:104 Resp: 7464
Ion Ratio Lower Upper
104 100
78 45.1 30.9 57.5





#57
1,1,2,2-Tetrachloroethane
Concen: 2.888 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

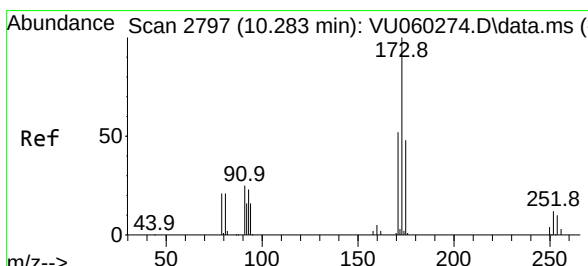
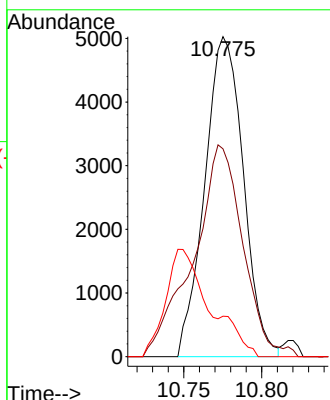
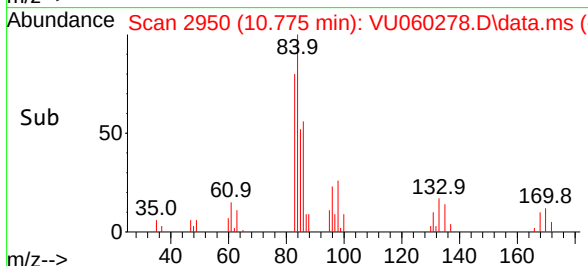


Tgt Ion: 83 Resp: 865
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.2
131 12.7 7.5 11.3

Manual Integrations
APPROVED

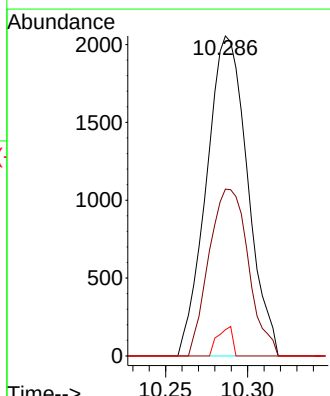
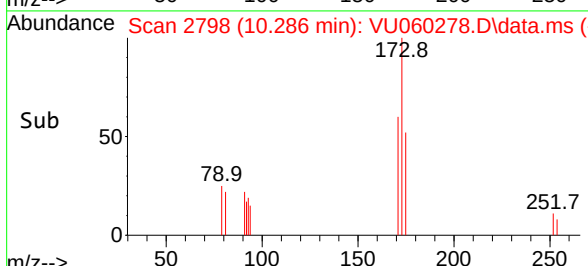
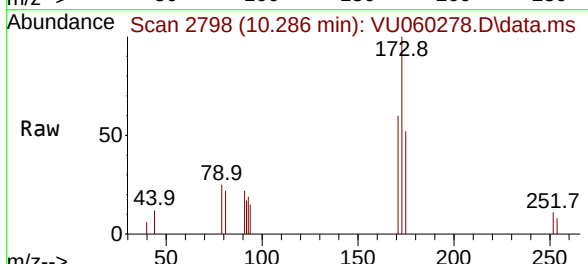
Reviewed By :Mahesh
Dadoda
08/01/2024

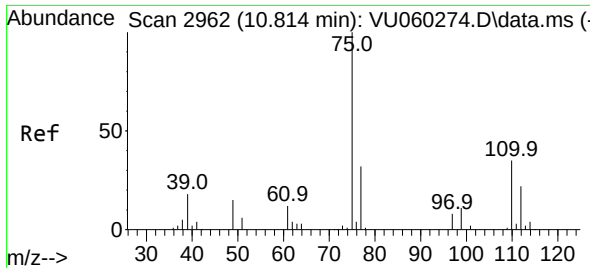
Supervised By :Semsettin
Yesilyurt
08/01/2024



#59
Bromoform
Concen: 3.219 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion:173 Resp: 3568
Ion Ratio Lower Upper
173 100
175 50.0 39.4 59.2
254 3.3 9.0 13.4





#60
1,2,3-Trichloropropane
Concen: 3.698 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

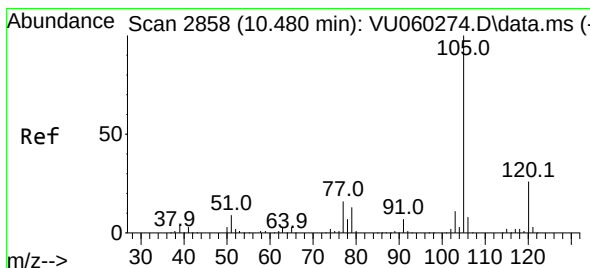
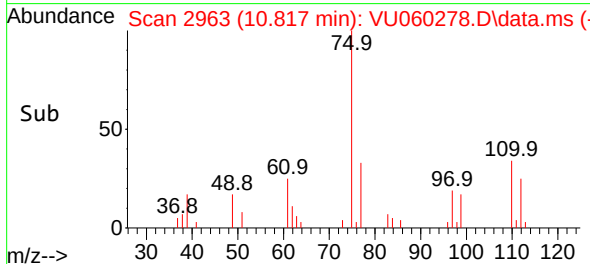
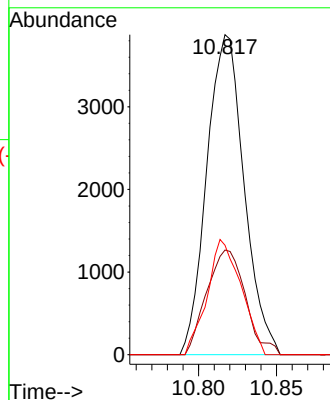
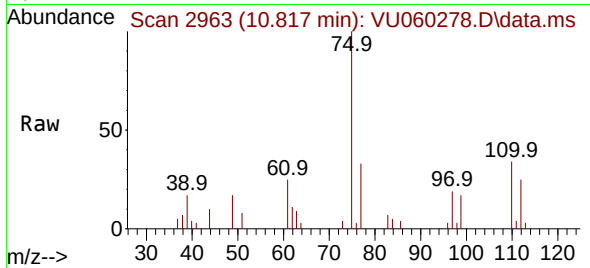
Tgt Ion: 75 Resp: 643

Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.5	38.3
110	32.8	30.7	46.1

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Reviewed By :Mahesh
Dadoda
08/01/2024

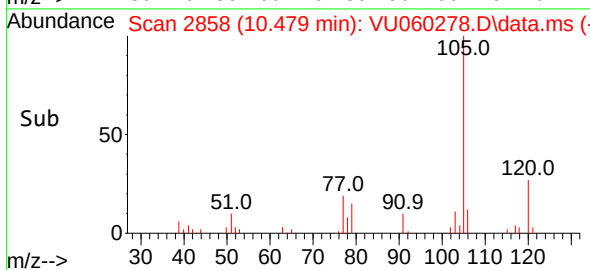
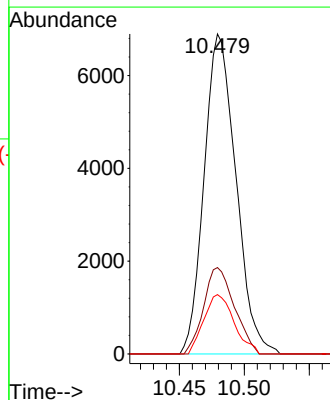
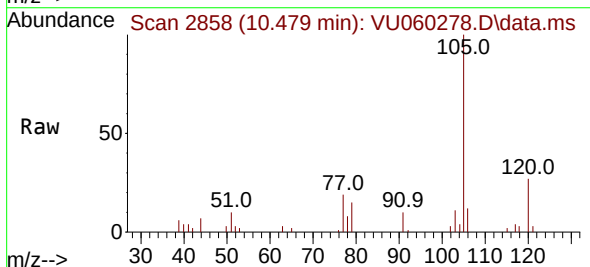
Supervised By :Semsettin
Yesilyurt
08/01/2024

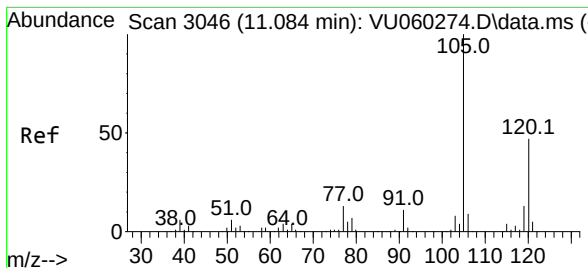


#61
Isopropylbenzene
Concen: 2.194 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion:105 Resp: 11723

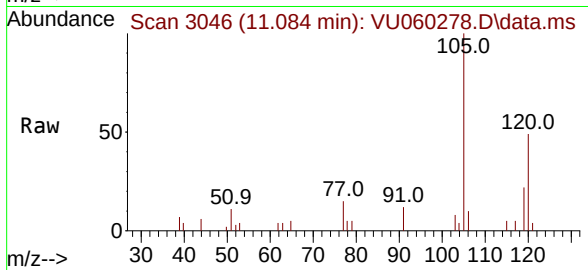
Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.9	31.3
77	17.6	12.1	18.1





#62
1,3,5-Trimethylbenzene
Concen: 1.900 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

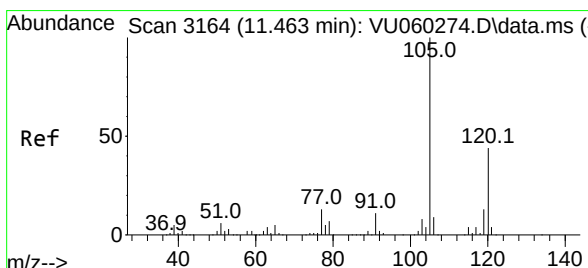
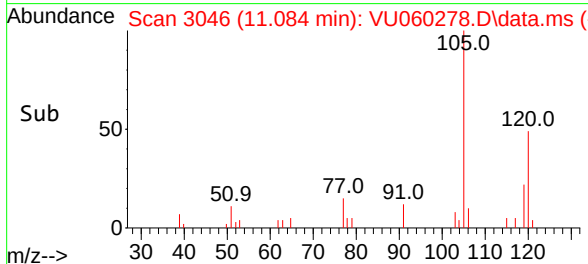
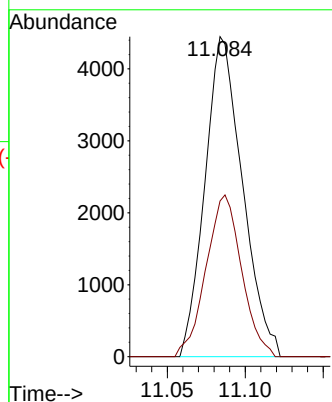


Tgt Ion:105 Resp: 7432
Ion Ratio Lower Upper
105 100
120 48.0 39.5 59.3

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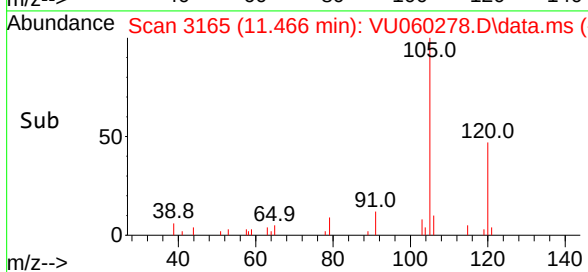
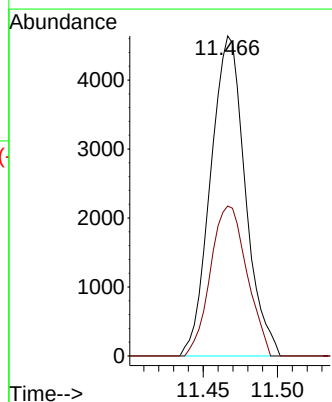
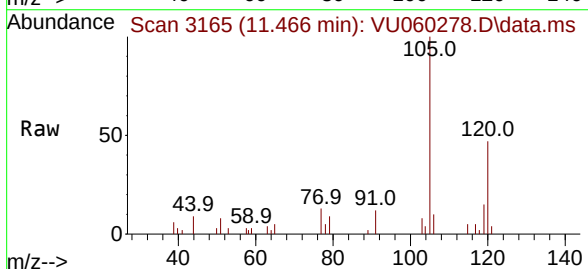
Reviewed By :Mahesh
Dadoda
08/01/2024

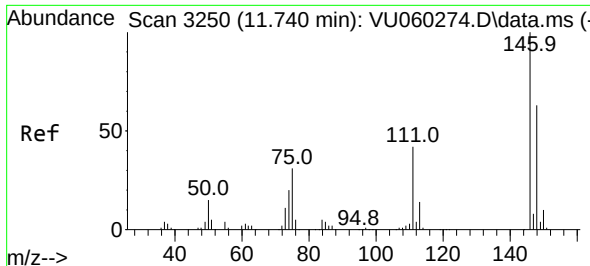
Supervised By :Semsettin
Yesilyurt
08/01/2024



#63
1,2,4-Trimethylbenzene
Concen: 1.797 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

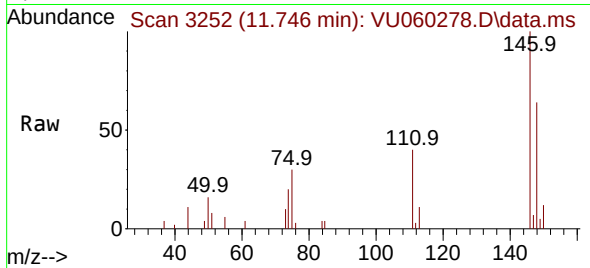
Tgt Ion:105 Resp: 7529
Ion Ratio Lower Upper
105 100
120 49.2 37.0 55.6





#64
1,3-Dichlorobenzene
Concen: 2.387 ug/L
RT: 11.746 min Scan# 3250
Delta R.T. 0.006 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument : MSVOA_U
ClientSampleId : MDL-MED-SOIL-QT3-2024-05

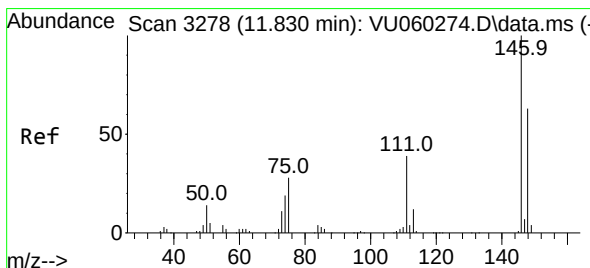
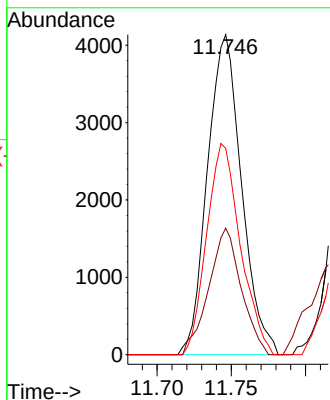


Tgt Ion:146 Resp: 6610
Ion Ratio Lower Upper
146 100
111 42.9 26.5 49.1
148 64.5 43.8 81.3

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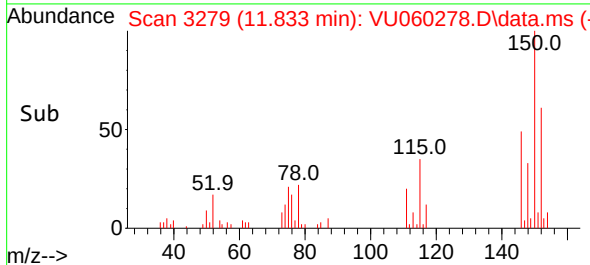
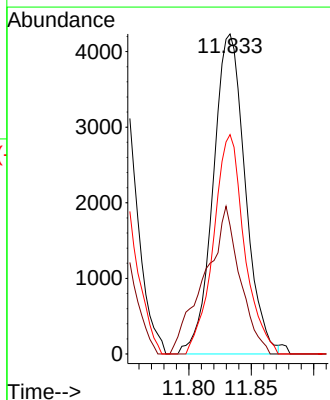
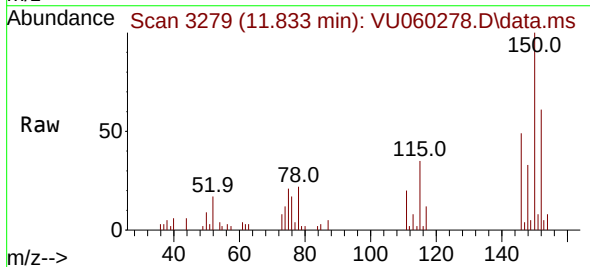
Reviewed By :Mahesh
Dadoda
08/01/2024

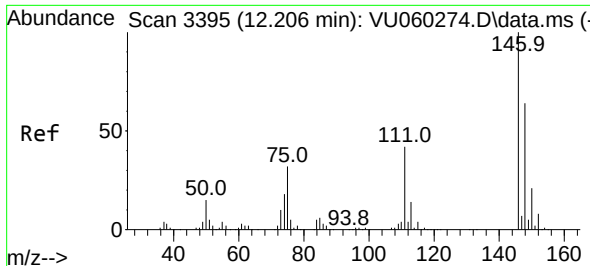
Supervised By :Semsettin
Yesilyurt
08/01/2024



#65
1,4-Dichlorobenzene
Concen: 2.645 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion:146 Resp: 7577
Ion Ratio Lower Upper
146 100
111 43.6 25.9 48.1
148 78.3 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 2.843 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU060278.D

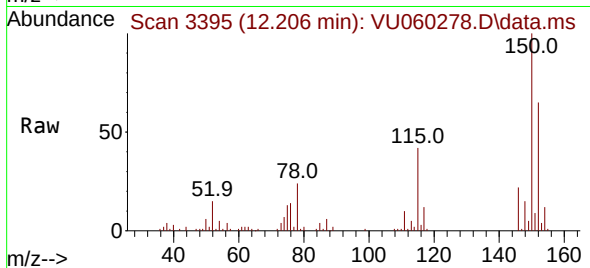
Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05



Tgt Ion:	146	Resp:	7960
Ion	Ratio	Lower	Upper
146	100		
111	47.9	31.7	47.5
148	70.3	50.8	76.2

Manual Integrations

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Reviewed By :Mahesh

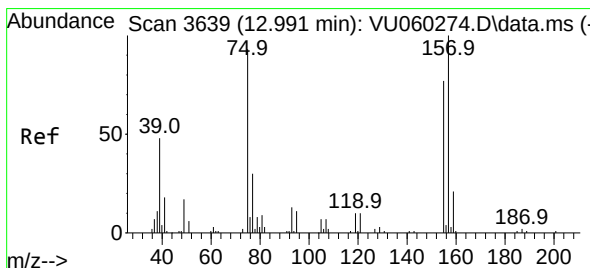
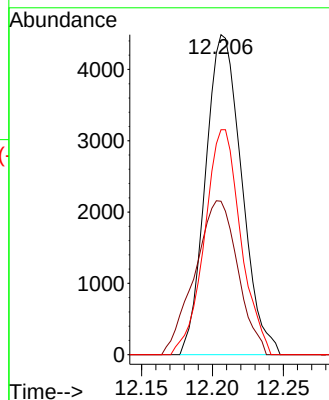
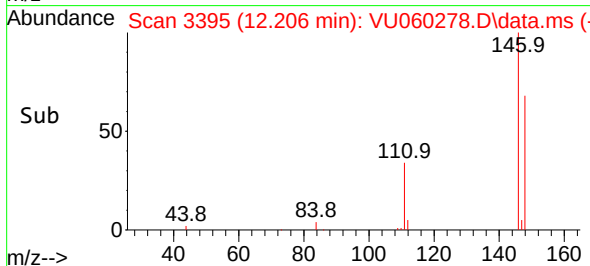
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#68

1,2-Dibromo-3-chloropropane

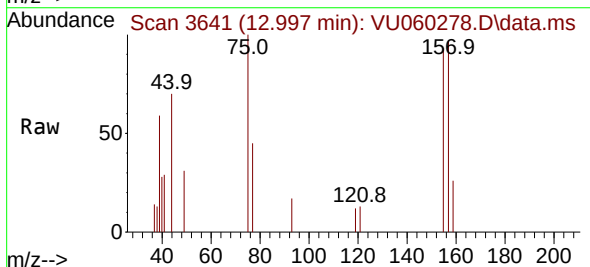
Concen: 3.279 ug/L

RT: 12.997 min Scan# 3641

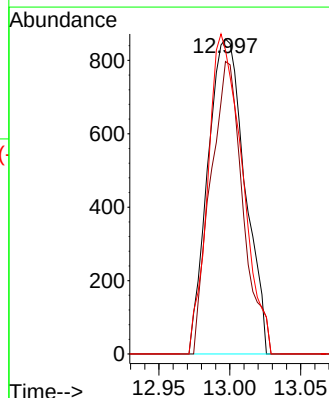
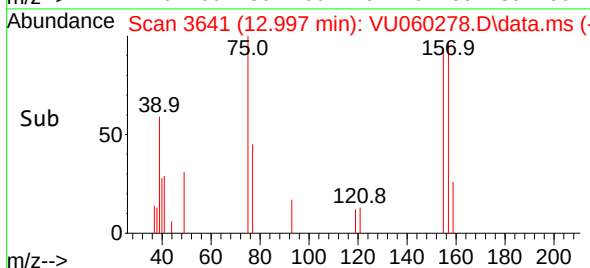
Delta R.T. 0.006 min

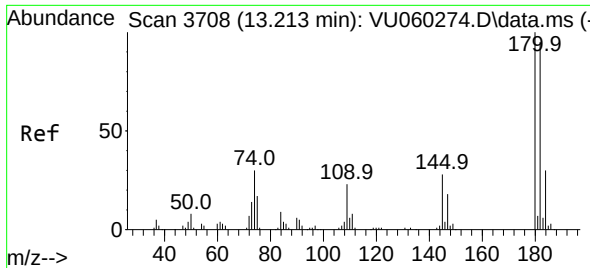
Lab File: VU060278.D

Acq: 31 Jul 2024 12:49



Tgt Ion:	75	Resp:	1560
Ion	Ratio	Lower	Upper
75	100		
155	92.9	73.5	110.3
157	96.5	93.5	140.3





#69

1,3,5-Trichlorobenzene

Concen: 2.317 ug/L

RT: 13.222 min Scan# 31

Delta R.T. 0.009 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

Instrument :

MSVOA_U

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05

Tgt Ion:180 Resp: 4630

Ion Ratio Lower Upper

180 100

182 89.9 75.8 113.8

184 32.5 24.7 37.1

145 28.0 22.3 33.5

Manual Integrations

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Reviewed By :Mahesh

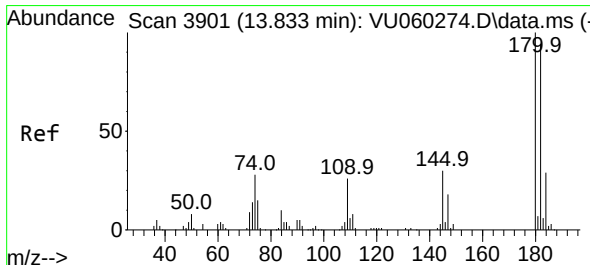
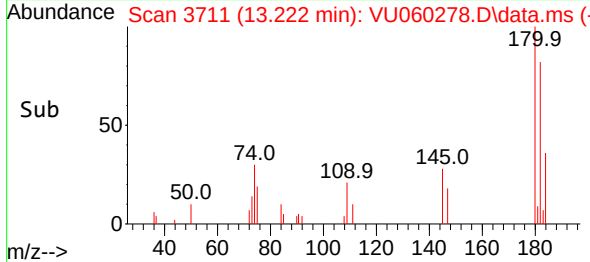
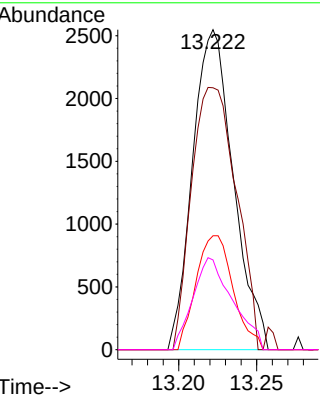
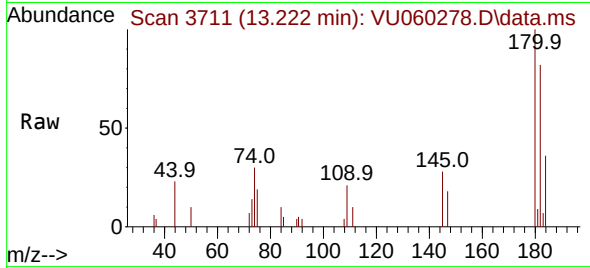
Dadoda

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Supervised By :Semsettin

Yesilyurt

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#70

1,2,4-trichlorobenzene

Concen: 2.002 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU060278.D

Acq: 31 Jul 2024 12:49

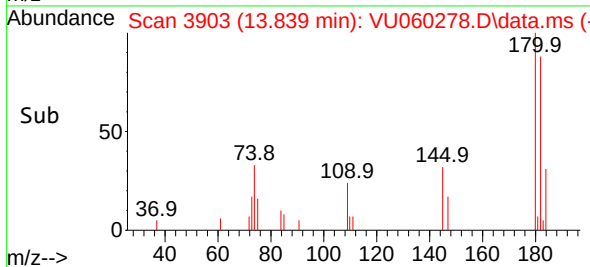
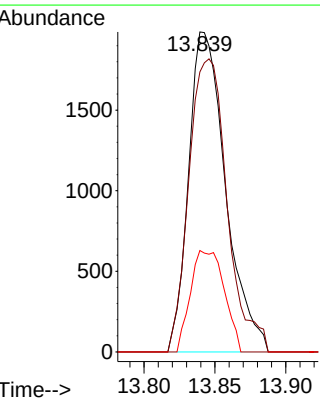
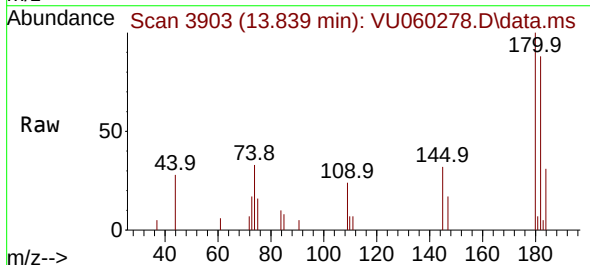
Tgt Ion:180 Resp: 3605

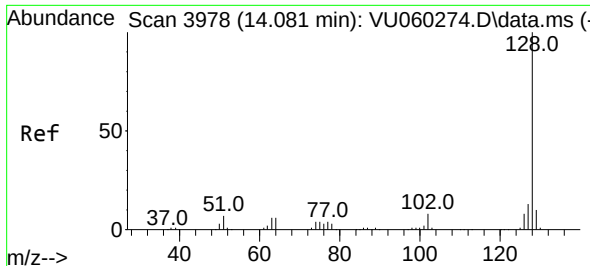
Ion Ratio Lower Upper

180 100

182 92.0 76.4 114.6

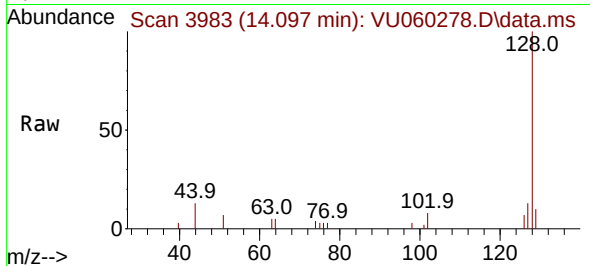
145 16.8 23.0 34.4#





#71
Naphthalene
Concen: 2.189 ug/L m
RT: 14.097 min Scan# 3978
Delta R.T. 0.016 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Instrument :
MSVOA_U
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05

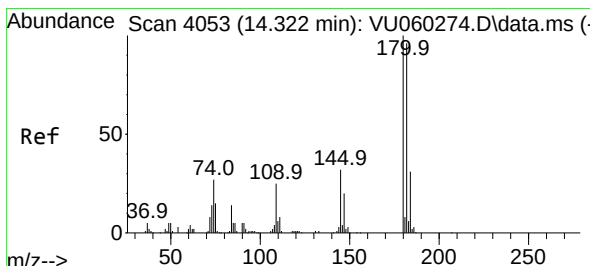
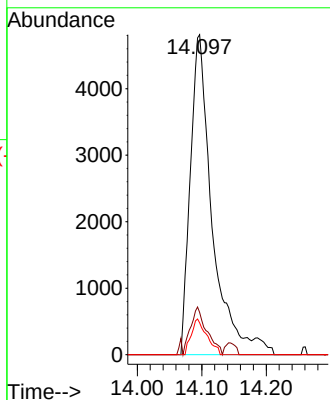
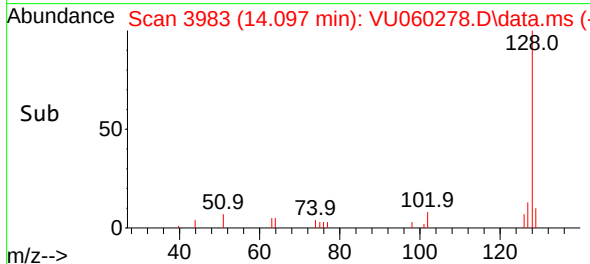


Tgt Ion:128 Resp: 1139
Ion Ratio Lower Upper
128 100
127 11.1 10.4 15.6
129 7.9 8.6 13.0

Manual Integrations
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Reviewed By :Mahesh
Dadoda
08/01/2024

Supervised By :Semsettin
Yesilyurt
08/01/2024



#72
1,2,3-Trichlorobenzene
Concen: 1.976 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU060278.D
Acq: 31 Jul 2024 12:49

Tgt Ion:180 Resp: 3571
Ion Ratio Lower Upper
180 100
182 109.0 75.8 113.8
145 12.9 24.5 36.7

