

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051324\
 Data File : VV035592.D
 Acq On : 13 May 2024 11:11
 Operator : SY/MD
 Sample : P2409-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-04

Quant Time: May 14 01:45:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 14 01:24:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	451344	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	446456	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	200099	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	139682	40.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.280%		
7) Chloroethane-d5	1.526	69	125026	48.751	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.500%		
11) 1,1-Dichloroethene-d2	2.056	65	63914	42.784	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.560%		
21) 2-Butanone-d5	3.783	46	213400	90.858	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.860%		
24) Chloroform-d	4.243	84	301607	47.248	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.500%		
26) 1,2-Dichloroethane-d4	4.937	65	187422	49.856	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.720%		
32) Benzene-d6	4.957	84	586671	46.685	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.360%		
36) 1,2-Dichloropropane-d6	5.985	67	194744	49.702	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.400%		
41) Toluene-d8	7.239	98	500278	43.736	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.480%		
43) trans-1,3-Dichloroprop...	7.551	79	81885	42.879	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.760%		
47) 2-Hexanone-d5	8.021	63	147328	81.823	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.820%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	261872	43.861	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.720%		
66) 1,2-Dichlorobenzene-d4	11.558	152	198787	50.003	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	7994	2.644	ug/L	95
3) Chloromethane	1.214	50	9454	2.886	ug/L	98
5) Vinyl chloride	1.281	62	9036	2.619	ug/L #	78
6) Bromomethane	1.478	94	6476	2.953	ug/L	95
8) Chloroethane	1.542	64	6549	3.302	ug/L	98
9) Trichlorofluoromethane	1.709	101	12462	2.685	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	9882	3.359	ug/L #	86
12) 1,1-Dichloroethene	2.066	96	8572	3.262	ug/L #	1
13) Acetone	2.114	43	11607	5.338	ug/L	95
14) Carbon disulfide	2.236	76	16572	2.401	ug/L	100
15) Methyl Acetate	2.381	43	8763	2.484	ug/L	100
16) Methylene chloride	2.445	84	10181	3.058	ug/L	96
17) trans-1,2-Dichloroethene	2.696	96	6520	2.348	ug/L	91
18) Methyl tert-butyl Ether	2.706	73	22765	2.331	ug/L	98
19) 1,1-Dichloroethane	3.114	63	15407	2.642	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	8547	2.587	ug/L	96
22) 2-Butanone	3.924	43	11898m	4.622	ug/L	
23) Bromochloromethane	4.156	128	4735	2.621	ug/L	98
27) 1,2-Dichloroethane	5.059	62	11095	2.575	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.577	56	8107	2.034	ug/L	95
30) 1,1,1-Trichloroethane	4.513	97	13942	2.729	ug/L	98
31) Carbon tetrachloride	4.728	117	11720	2.653	ug/L	99
33) Benzene	5.014	78	30559	2.535	ug/L	100
34) Trichloroethene	5.844	95	9784	3.050	ug/L	97
35) Methylcyclohexane	6.047	83	11776m	2.602	ug/L	
37) 1,2-Dichloropropane	6.101	63	9013m	2.721	ug/L	
38) Bromodichloromethane	6.439	83	11907	2.613	ug/L	97
39) cis-1,3-Dichloropropene	6.963	75	12321m	2.369	ug/L	
40) 4-Methyl-2-pentanone	7.165	43	20145m	4.556	ug/L	
42) Toluene	7.323	91	30898	2.443	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	13036m	2.639	ug/L	
45) 1,1,2-Trichloroethane	7.776	97	9148	2.582	ug/L	94
46) Tetrachloroethene	7.908	164	6521	2.517	ug/L	92
48) 2-Hexanone	8.088	43	20268m	5.634	ug/L	
49) Dibromochloromethane	8.178	129	9854	2.657	ug/L	95
50) 1,2-Dibromoethane	8.291	107	9299	2.512	ug/L #	99
51) Chlorobenzene	8.815	112	22223	2.531	ug/L	99
52) Ethylbenzene	8.950	91	30081m	2.201	ug/L	
53) m,p-Xylene	9.079	106	10195	2.011	ug/L	93
54) o-Xylene	9.480	106	9853	1.929	ug/L	87
55) Styrene	9.506	104	15460	1.751	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	14397	2.375	ug/L	95
59) Bromoform	9.667	173	6844	2.644	ug/L	98
60) Isopropylbenzene	9.866	105	24896	2.155	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	11975	2.983	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	19766	2.137	ug/L	95
63) 1,2,4-Trimethylbenzene	10.853	105	18545	2.000	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	15018	2.510	ug/L	93
65) 1,4-Dichlorobenzene	11.207	146	17473	2.767	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	18232	2.912	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	2706	2.289	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	11447	2.520	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	10296	2.573	ug/L	98
71) Naphthalene	13.442	128	24149m	2.154	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	9998	2.407	ug/L	97

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

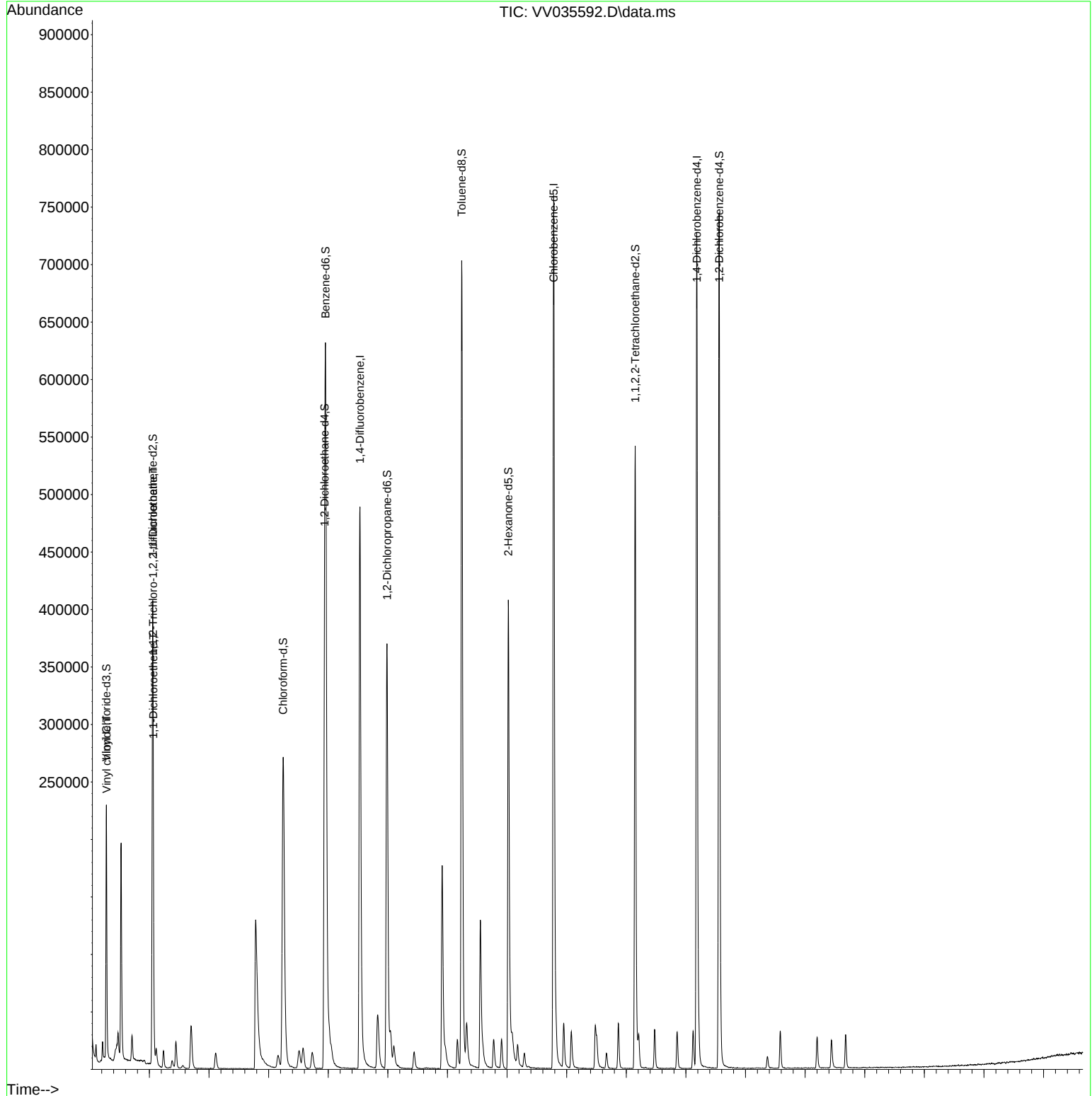
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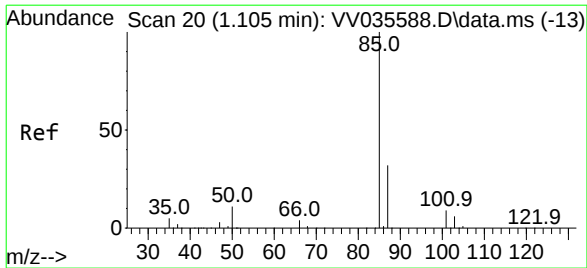
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ClientSampleId :
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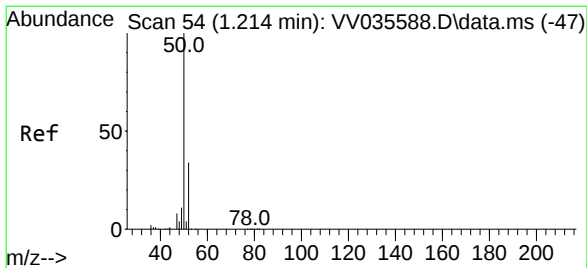
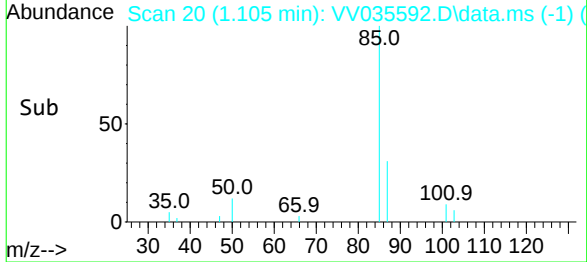
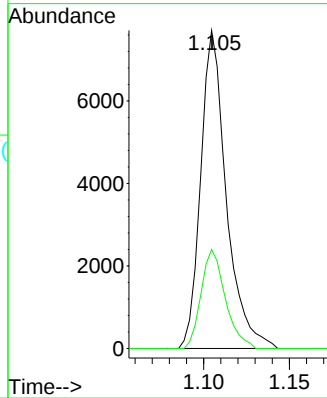
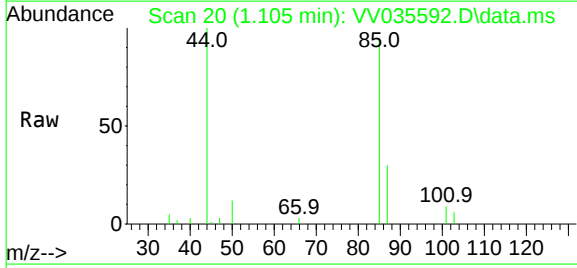
#2
Dichlorodifluoromethane
Concen: 2.644 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Tgt Ion: 85 Resp: 7994
Ion Ratio Lower Upper
85 100
87 29.4 25.8 38.8

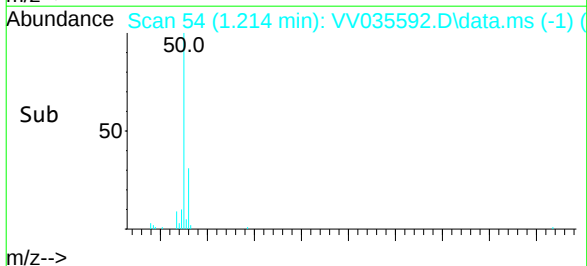
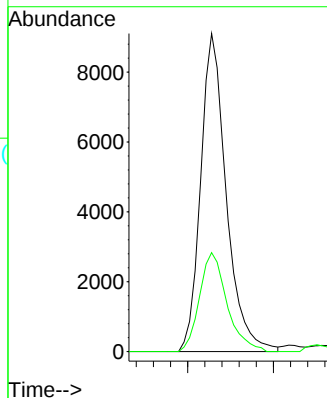
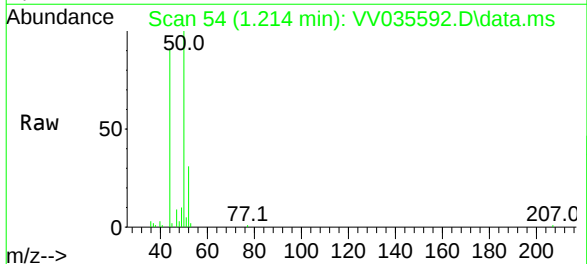
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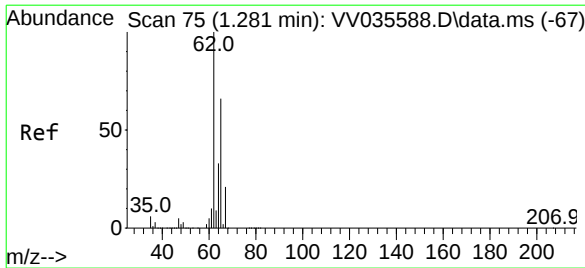
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#3
Chloromethane
Concen: 2.886 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion: 50 Resp: 9454
Ion Ratio Lower Upper
50 100
52 31.1 22.6 42.0





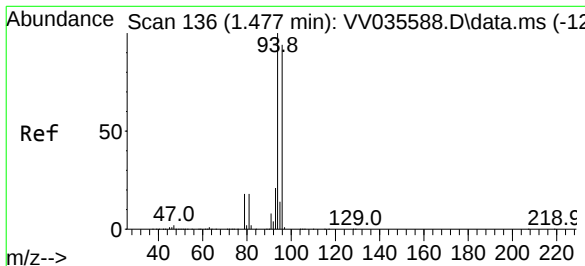
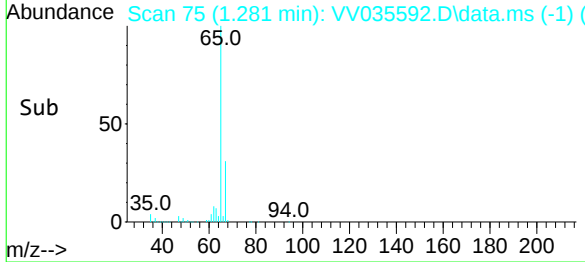
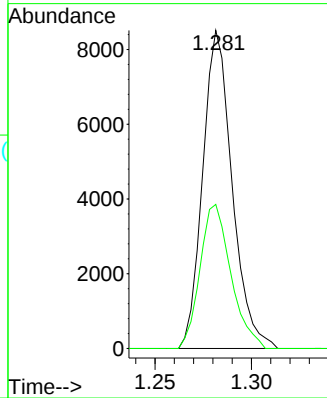
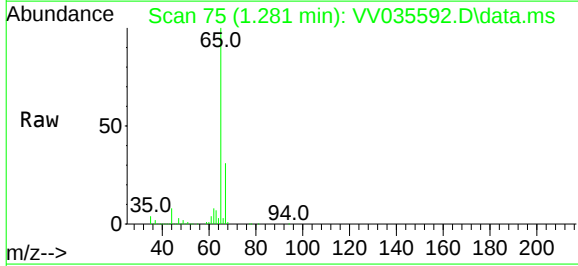
#5
 Vinyl chloride
 Concen: 2.619 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV035592.D
 Acq: 13 May 2024 11:11

Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT2-2024-04

Tgt Ion: 62 Resp: 9036
 Ion Ratio Lower Upper
 62 100
 64 45.3 22.9 42.5#

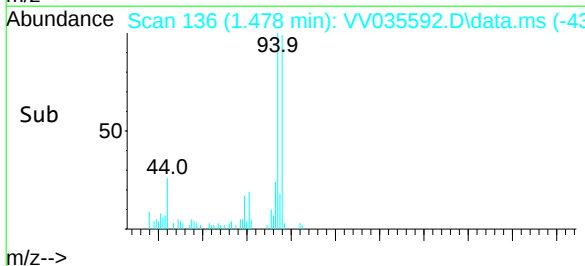
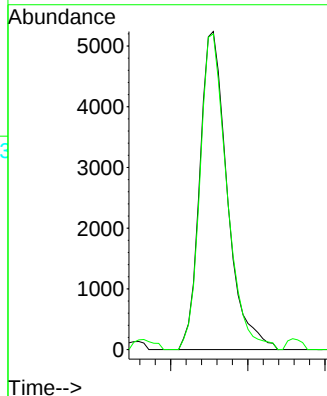
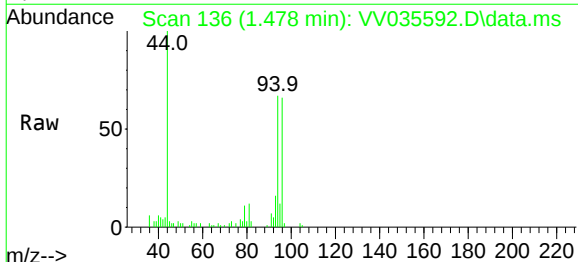
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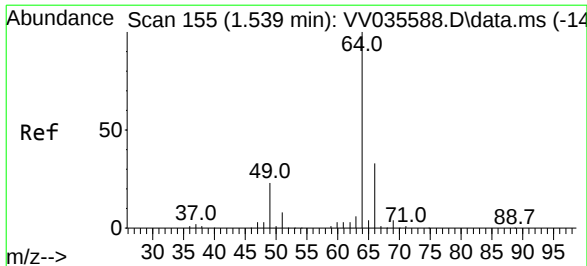
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#6
 Bromomethane
 Concen: 2.953 ug/L
 RT: 1.478 min Scan# 136
 Delta R.T. 0.000 min
 Lab File: VV035592.D
 Acq: 13 May 2024 11:11

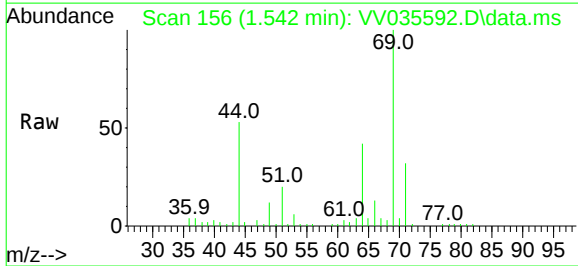
Tgt Ion: 94 Resp: 6476
 Ion Ratio Lower Upper
 94 100
 96 99.3 66.2 123.0





#8
Chloroethane
Concen: 3.302 ug/L
RT: 1.542 min Scan# 15
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

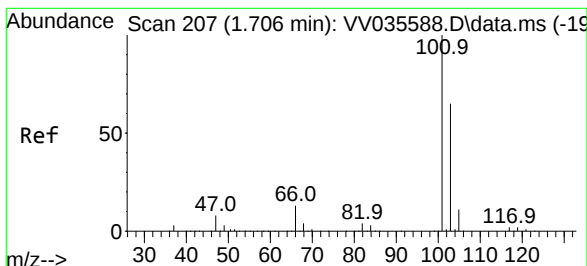
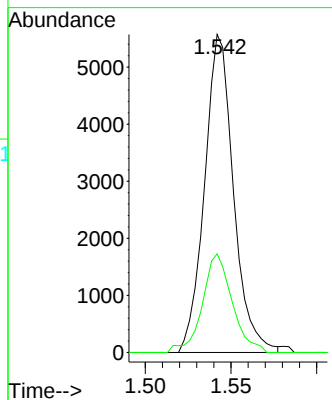
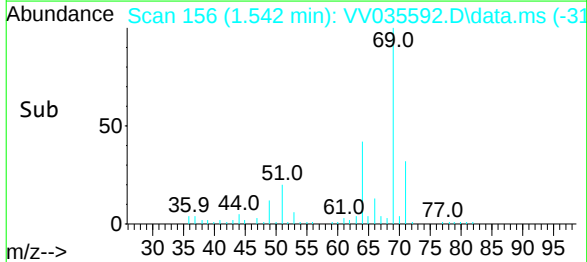
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion: 64 Resp: 6549
Ion Ratio Lower Upper
64 100
66 31.0 22.7 42.1

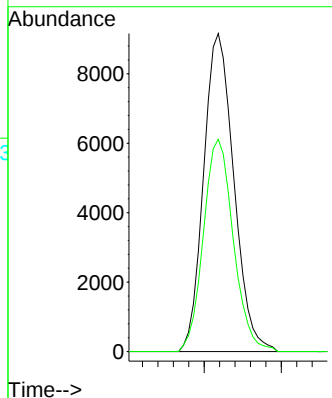
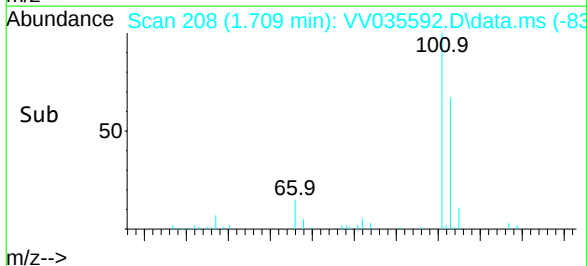
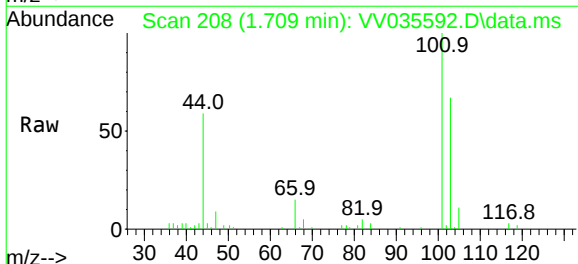
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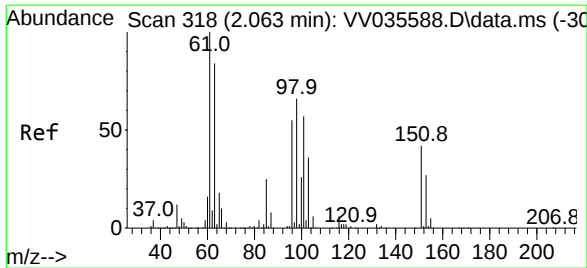
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#9
Trichlorofluoromethane
Concen: 2.685 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion:101 Resp: 12462
Ion Ratio Lower Upper
101 100
103 66.2 52.0 78.0





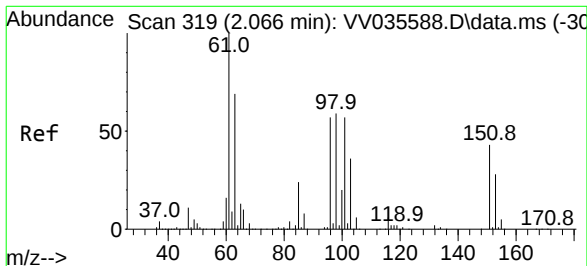
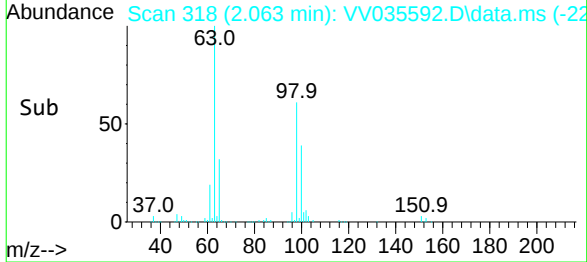
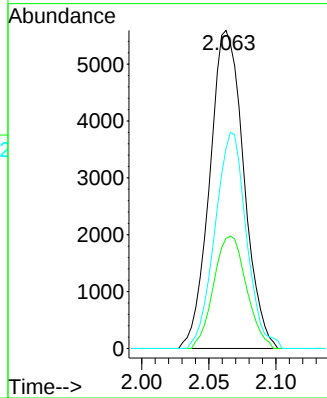
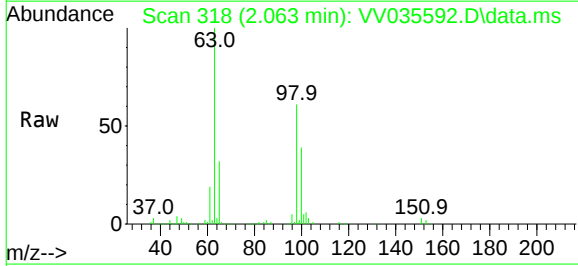
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.359 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035592.D
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ClientSampleId : MDL-MED-SOIL-QT2-2024-04

Tgt Ion: 101 Resp: 9882
Ion Ratio Lower Upper
101 100
85 33.9 34.4 51.6#
151 62.7 60.1 90.1

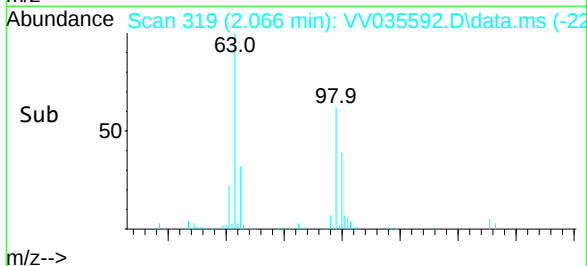
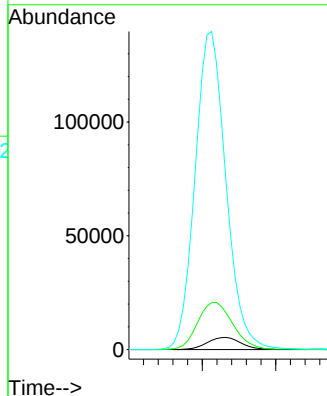
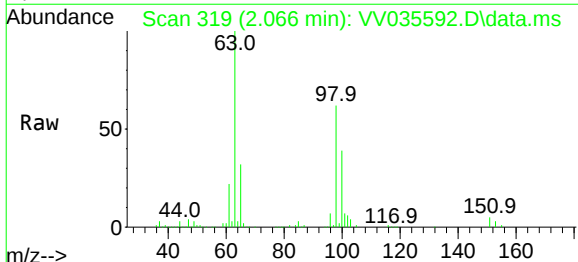
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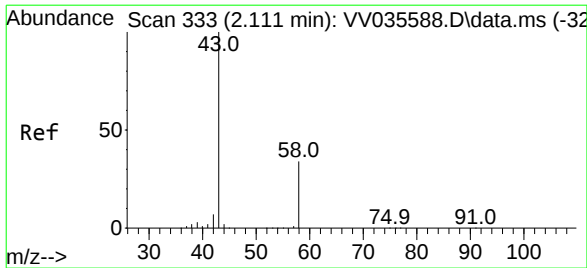
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#12
1,1-Dichloroethene
Concen: 3.262 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion: 96 Resp: 8572
Ion Ratio Lower Upper
96 100
61 304.5 126.5 234.9#
63 1401.7 118.1 219.3#





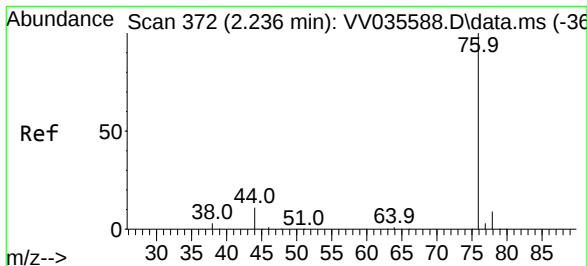
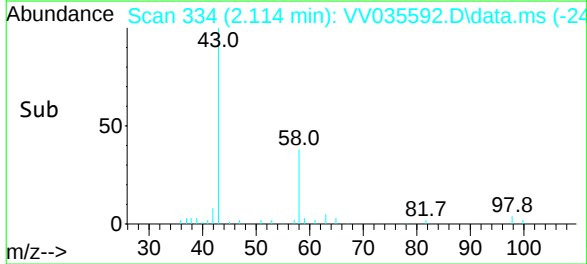
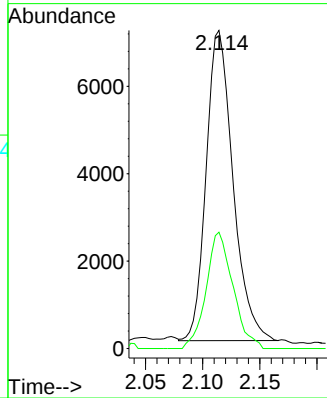
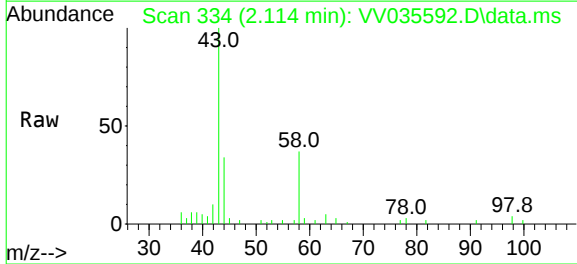
#13
Acetone
Concen: 5.338 ug/L
RT: 2.114 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV035592.D
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Tgt Ion: 43 Resp: 11607
Ion Ratio Lower Upper
43 100
58 37.3 0.0 68.8

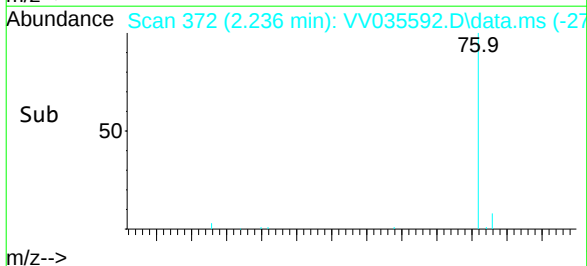
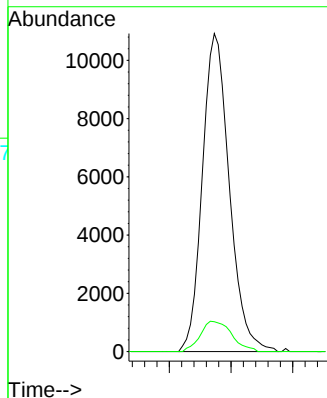
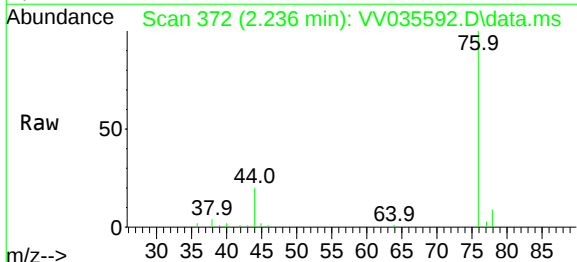
Manual Integrations
APPROVED

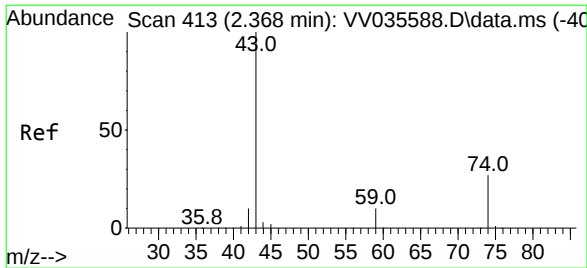
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#14
Carbon disulfide
Concen: 2.401 ug/L
RT: 2.236 min Scan# 372
Delta R.T. 0.000 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion: 76 Resp: 16572
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4





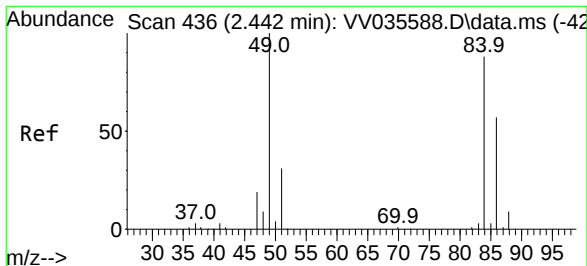
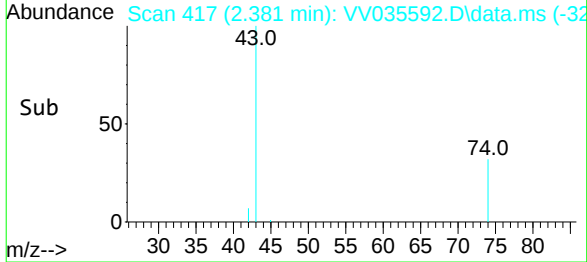
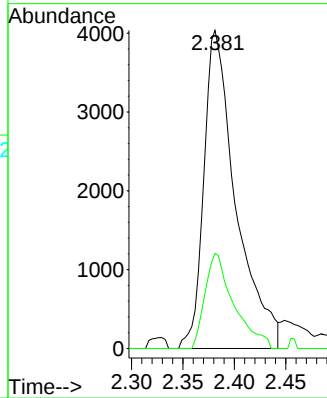
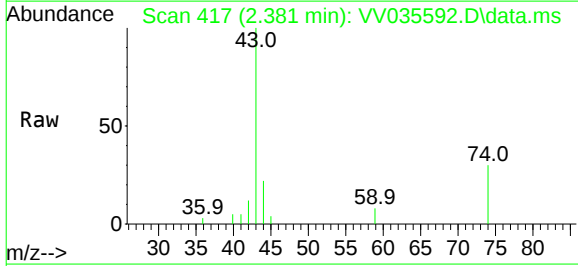
#15
Methyl Acetate
Concen: 2.484 ug/L
RT: 2.381 min Scan# 413
Delta R.T. 0.013 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Tgt Ion: 43 Resp: 8763
Ion Ratio Lower Upper
43 100
74 26.8 21.6 32.4

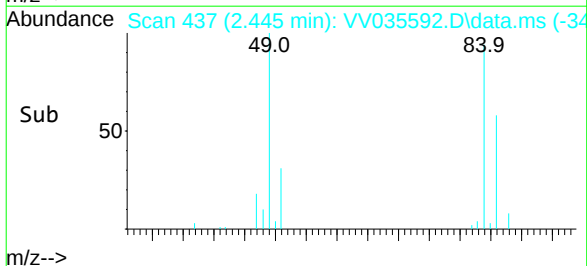
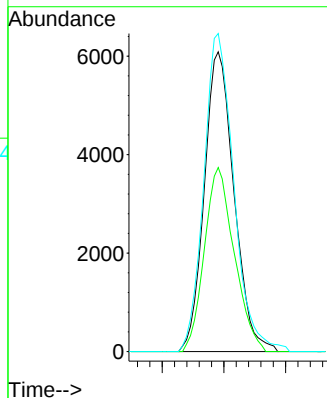
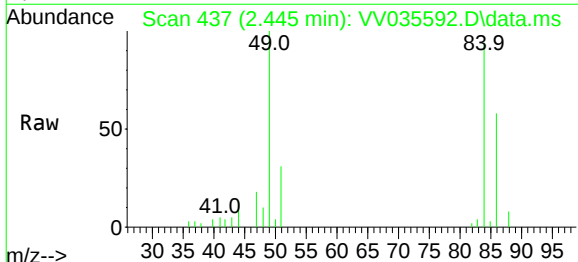
Manual Integrations
APPROVED

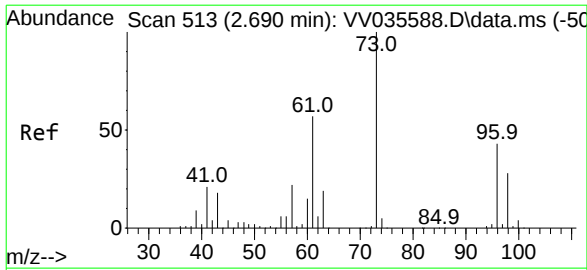
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#16
Methylene chloride
Concen: 3.058 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion: 84 Resp: 10181
Ion Ratio Lower Upper
84 100
86 61.4 45.3 84.1
49 106.1 76.9 142.7





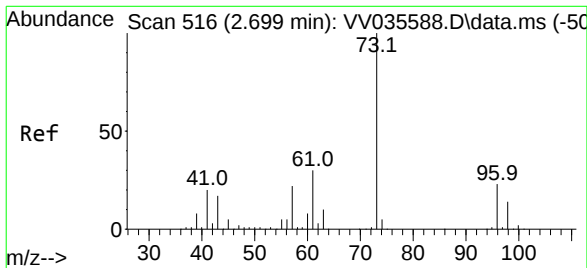
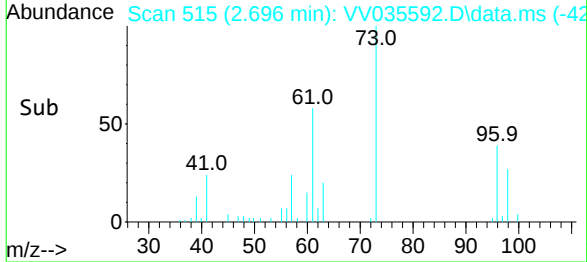
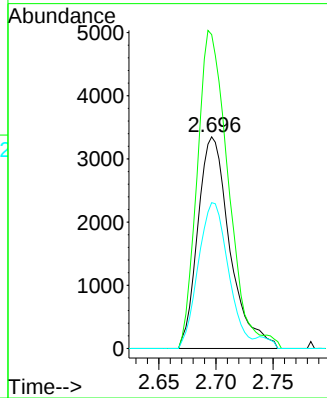
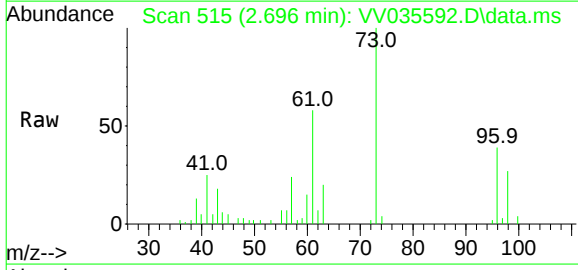
#17
trans-1,2-Dichloroethene
Concen: 2.348 ug/L
RT: 2.696 min Scan# 513
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-04

Tgt Ion: 96 Resp: 6520
Ion Ratio Lower Upper
96 100
61 148.3 95.5 177.3
98 68.9 44.9 83.5

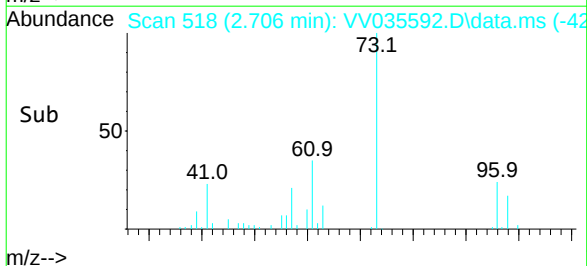
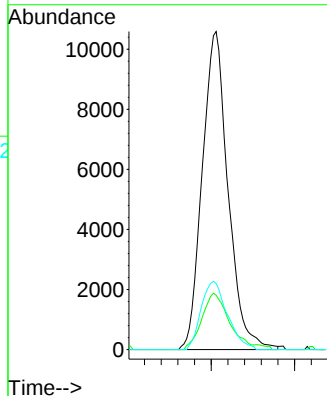
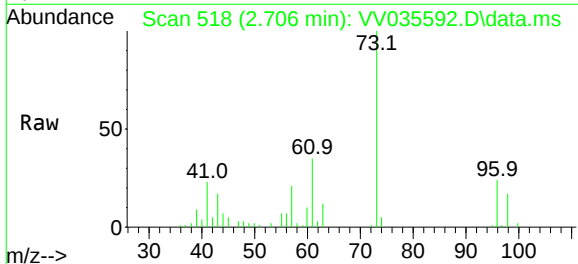
Manual Integrations
APPROVED

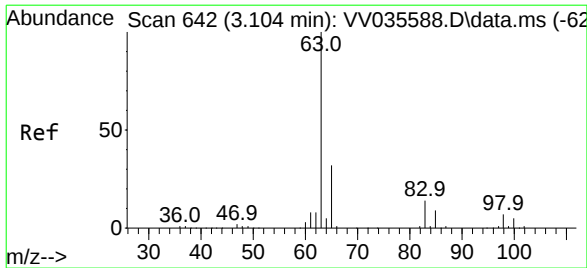
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#18
Methyl tert-butyl Ether
Concen: 2.331 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion: 73 Resp: 22765
Ion Ratio Lower Upper
73 100
43 18.7 13.6 20.4
57 21.8 17.4 26.0





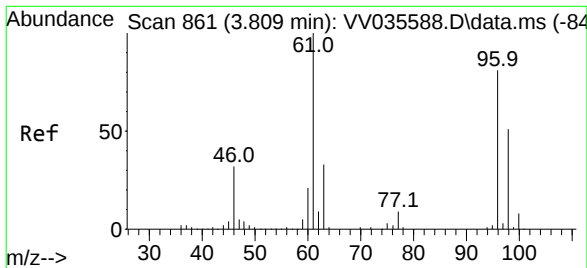
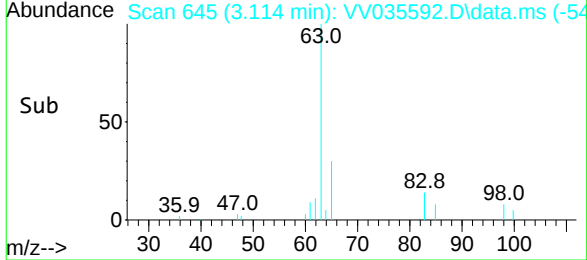
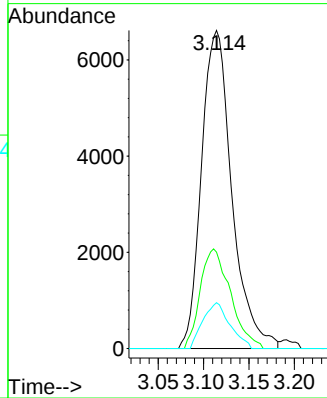
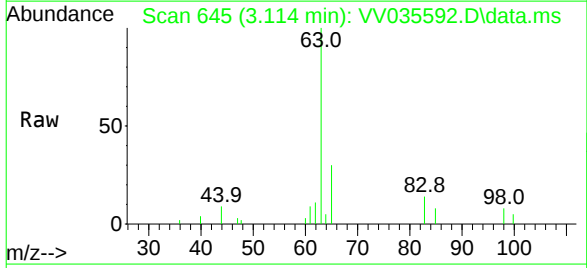
#19
1,1-Dichloroethane
Concen: 2.642 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.010 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Tgt Ion:	63	Resp:	15407
Ion	Ratio	Lower	Upper
63	100		
65	30.3	21.8	40.4
83	14.4	9.2	17.2

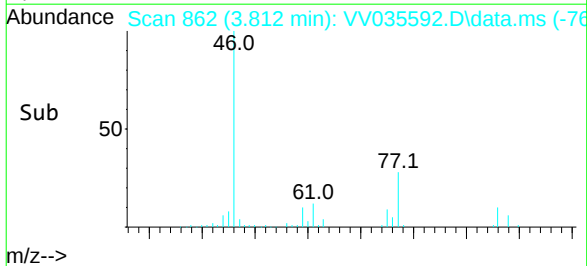
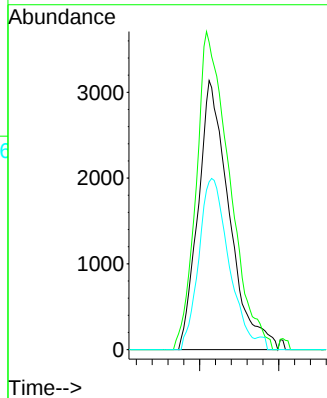
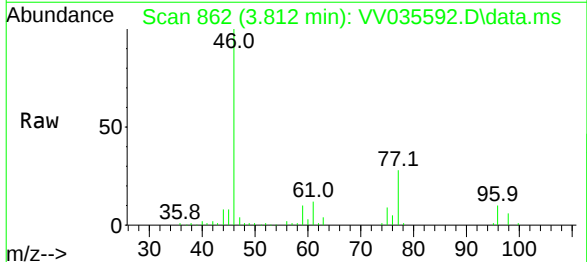
Manual Integrations
APPROVED

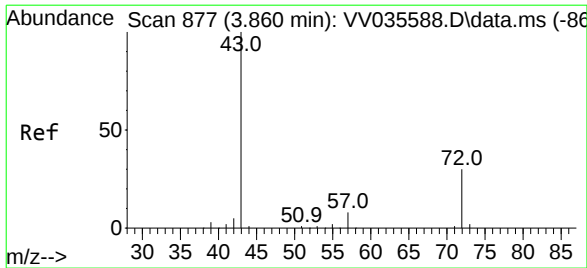
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#20
cis-1,2-Dichloroethene
Concen: 2.587 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

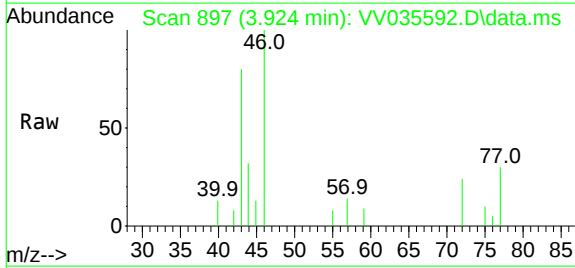
Tgt Ion:	96	Resp:	8547
Ion	Ratio	Lower	Upper
96	100		
61	114.2	84.0	156.0
98	62.4	44.9	83.5





#22
2-Butanone
Concen: 4.622 ug/L m
RT: 3.924 min Scan# 89
Delta R.T. 0.064 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

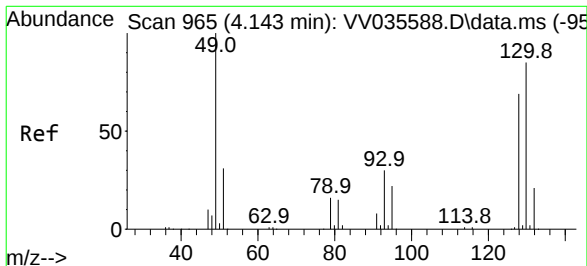
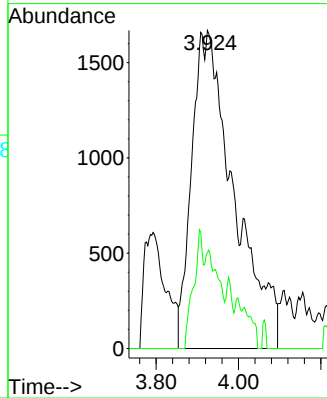
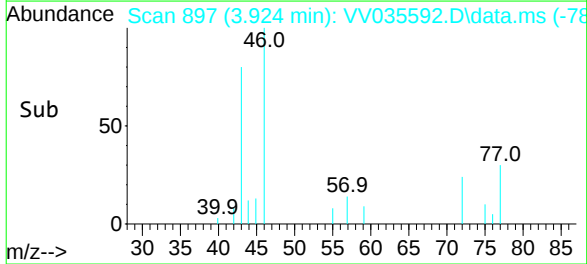
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



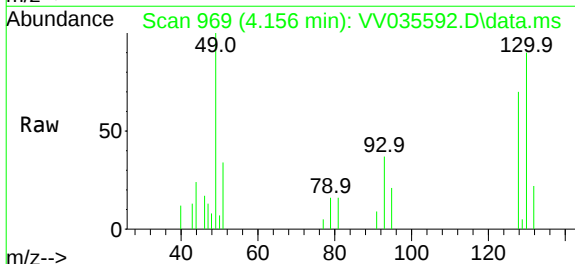
Tgt Ion: 43 Resp: 11898
Ion Ratio Lower Upper
43 100
72 8.3 14.4 43.0#

Manual Integrations
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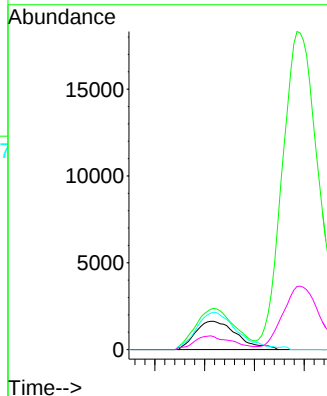
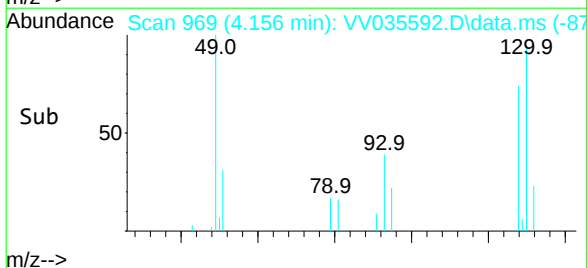
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

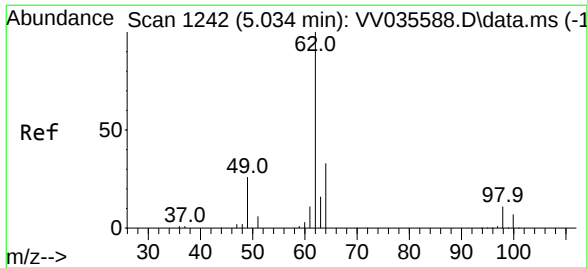


#23
Bromochloromethane
Concen: 2.621 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.013 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11



Tgt Ion:128 Resp: 4735
Ion Ratio Lower Upper
128 100
49 142.6 102.0 189.4
130 128.7 91.5 169.9
51 48.5 37.3 55.9





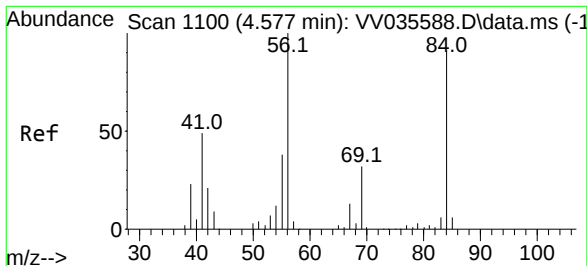
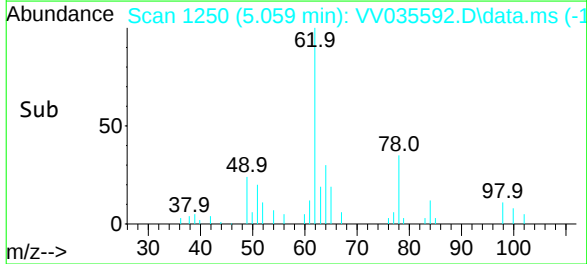
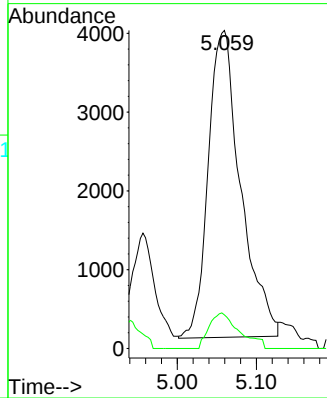
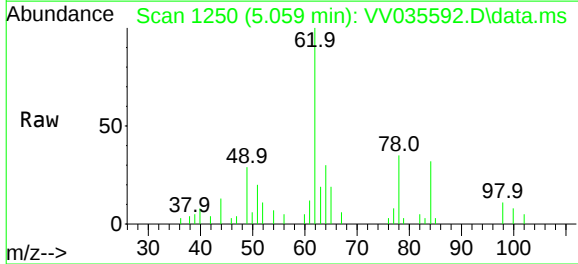
#27
1,2-Dichloroethane
Concen: 2.575 ug/L
RT: 5.059 min Scan# 1242
Delta R.T. 0.026 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-04

Tgt Ion: 62 Resp: 11095
Ion Ratio Lower Upper
62 100
98 10.6 8.2 12.2

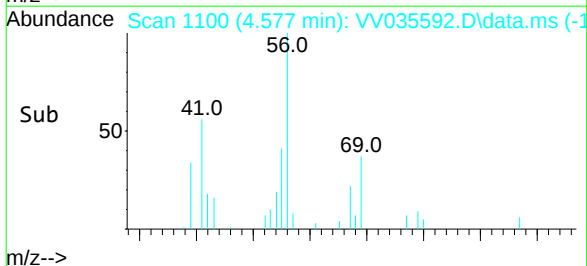
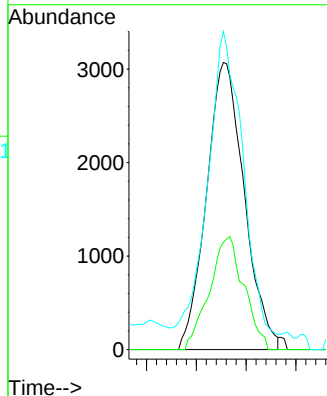
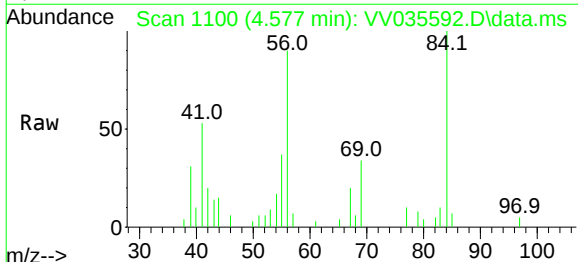
Manual Integrations
APPROVED

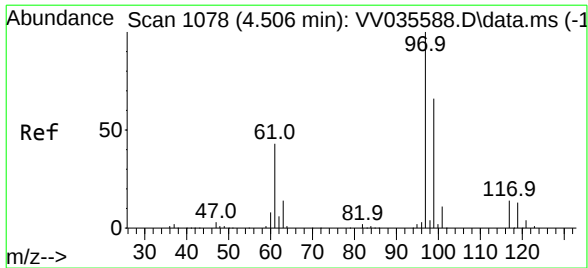
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#29
Cyclohexane
Concen: 2.034 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion: 56 Resp: 8107
Ion Ratio Lower Upper
56 100
69 35.9 25.5 38.3
84 95.6 73.6 110.4





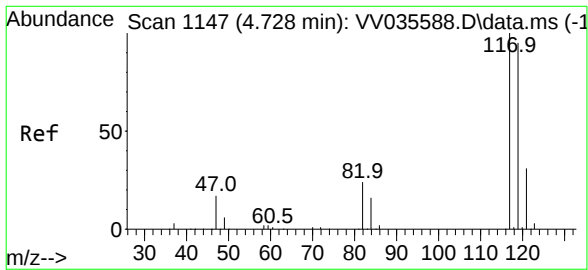
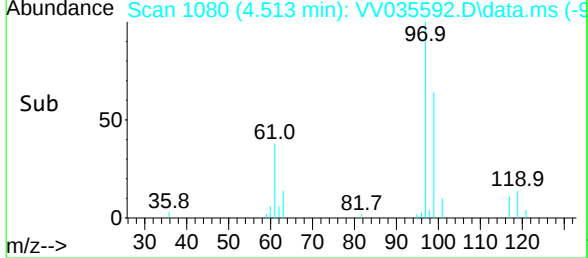
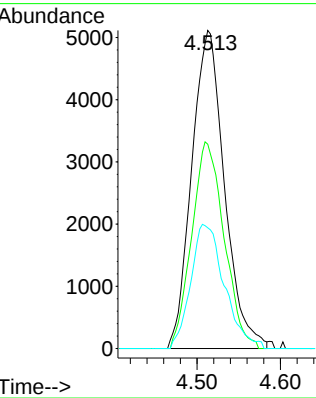
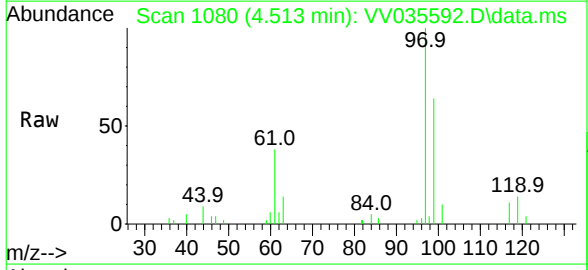
#30
1,1,1-Trichloroethane
Concen: 2.729 ug/L
RT: 4.513 min Scan# 1078
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.9	77.9
61	39.8	34.1	51.1

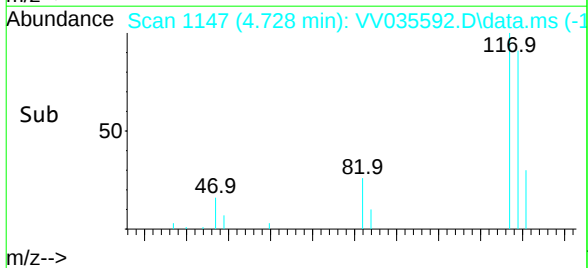
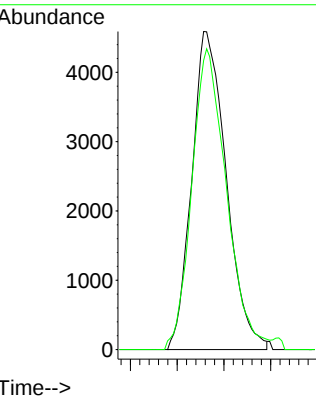
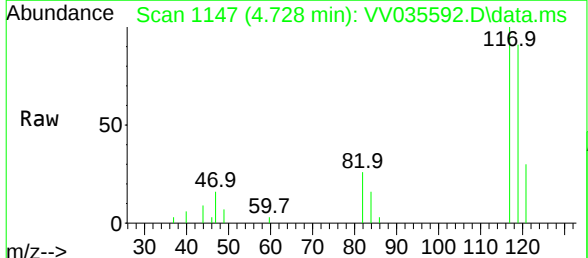
Manual Integrations
APPROVED

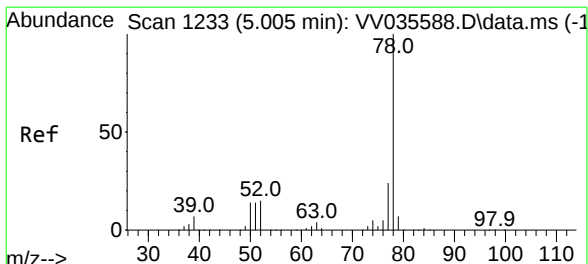
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#31
Carbon tetrachloride
Concen: 2.653 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.5	114.7





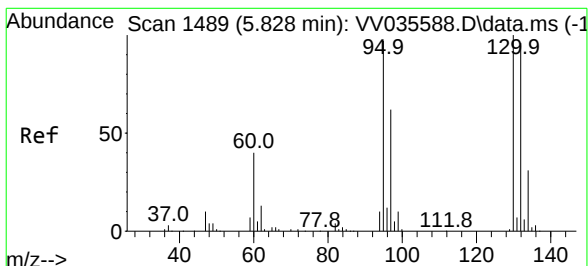
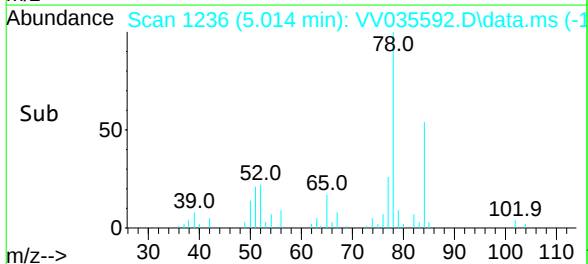
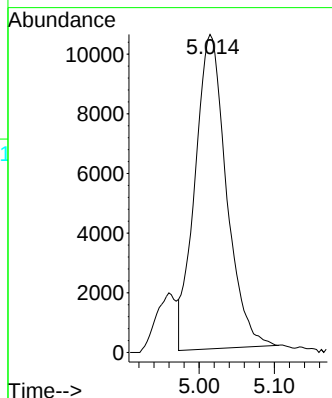
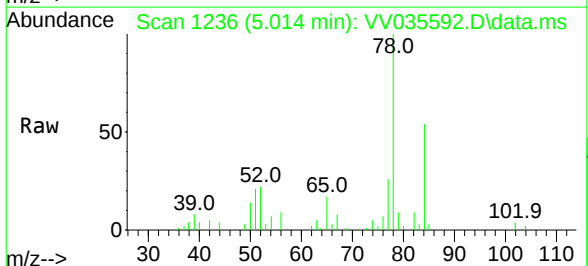
#33
Benzene
Concen: 2.535 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. 0.010 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Tgt Ion: 78 Resp: 30559

Manual Integrations
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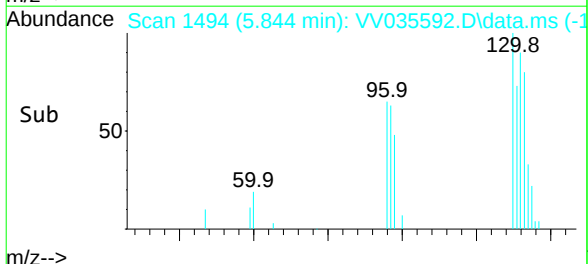
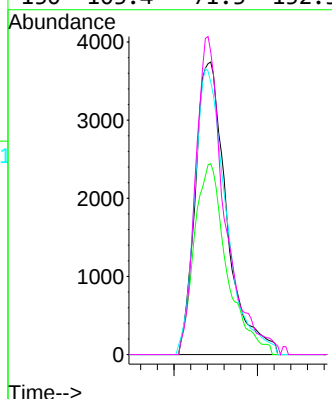
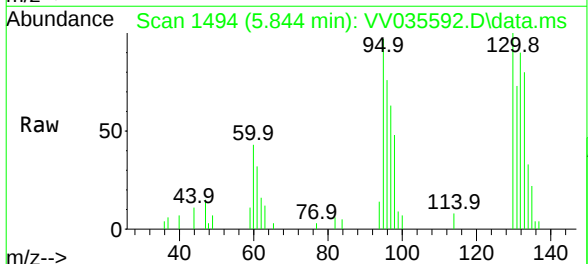
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

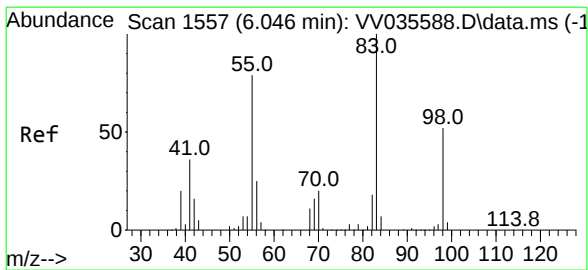


#34
Trichloroethene
Concen: 3.050 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion: 95 Resp: 9784

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.1	83.9
132	93.2	69.4	128.8
130	103.4	71.3	132.3





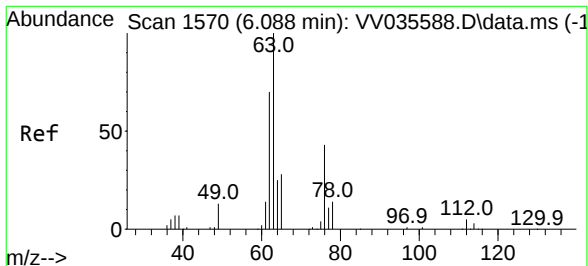
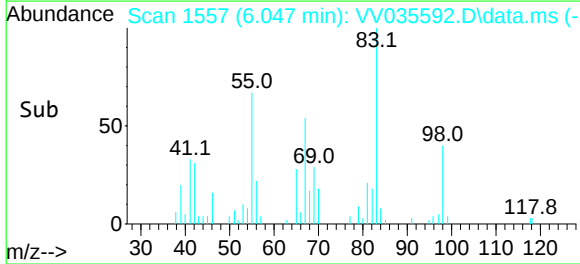
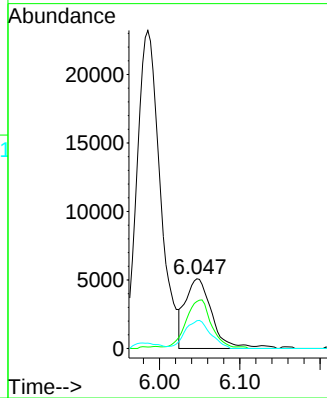
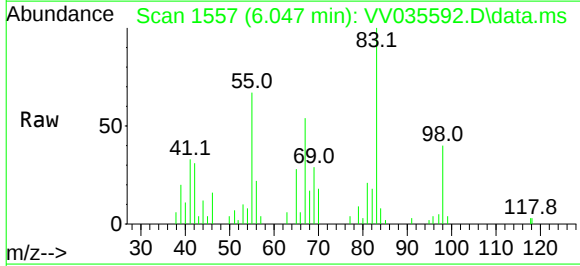
#35
Methylcyclohexane
Concen: 2.602 ug/L m
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Tgt Ion	Ratio	Lower	Upper
83	100		
55	62.8	57.5	86.3
98	39.0	38.9	58.3

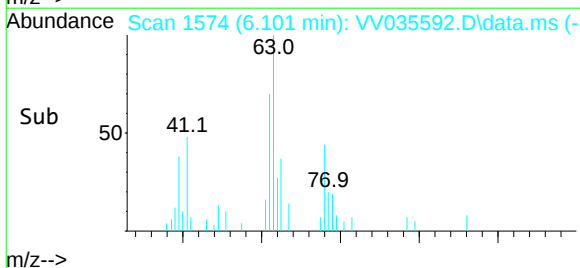
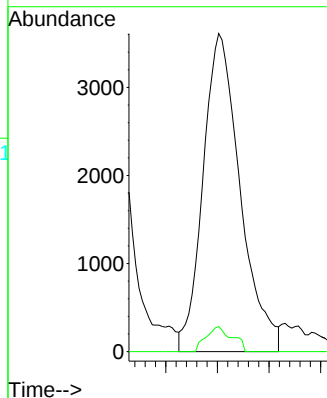
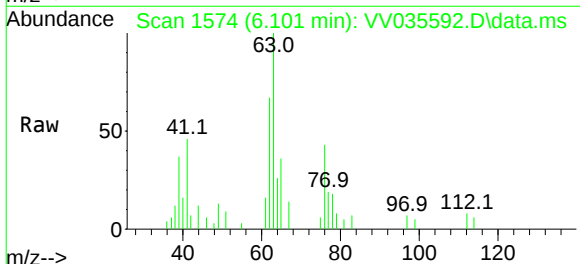
Manual Integrations
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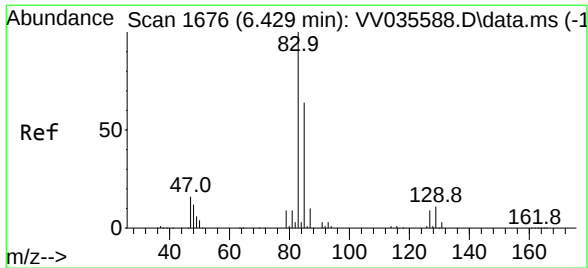
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#37
1,2-Dichloropropane
Concen: 2.721 ug/L m
RT: 6.101 min Scan# 1574
Delta R.T. 0.013 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

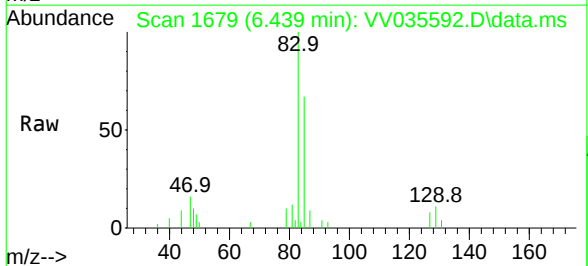
Tgt Ion	Ratio	Lower	Upper
63	100		
112	4.5	3.4	5.2





#38
 Bromodichloromethane
 Concen: 2.613 ug/L
 RT: 6.439 min Scan# 1676
 Delta R.T. 0.010 min
 Lab File: VV035592.D
 Acq: 13 May 2024 11:11

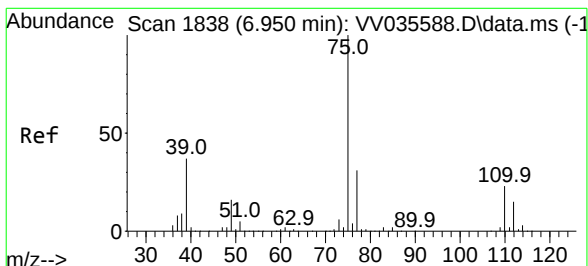
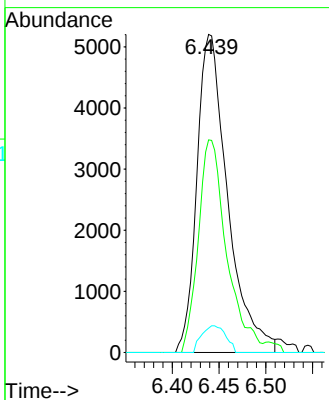
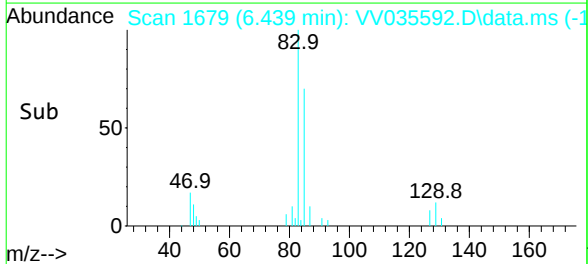
Instrument : MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-04



Tgt Ion:	83	Resp:	11907
Ion	Ratio	Lower	Upper
83	100		
85	66.9	45.1	83.9
127	7.6	6.9	10.3

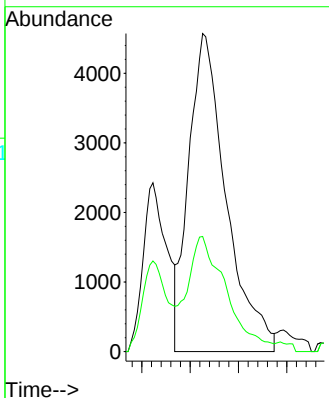
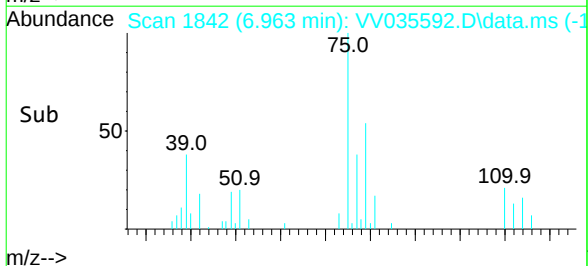
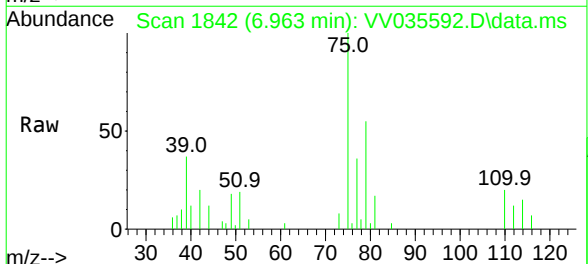
Manual Integrations
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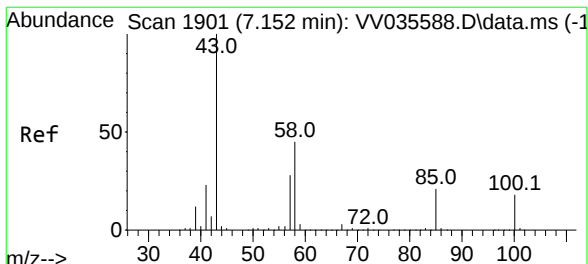
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#39
 cis-1,3-Dichloropropene
 Concen: 2.369 ug/L m
 RT: 6.963 min Scan# 1842
 Delta R.T. 0.013 min
 Lab File: VV035592.D
 Acq: 13 May 2024 11:11

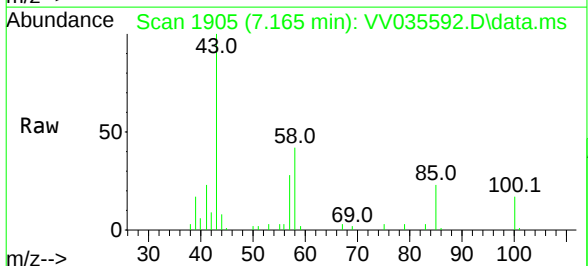
Tgt Ion:	75	Resp:	12321
Ion	Ratio	Lower	Upper
75	100		
77	36.2	22.3	41.3





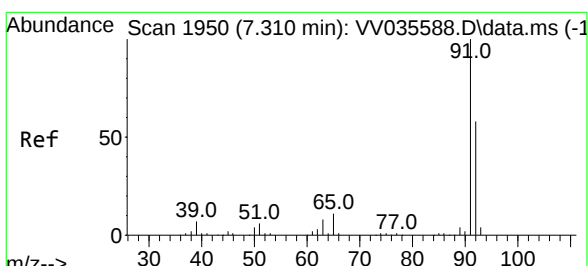
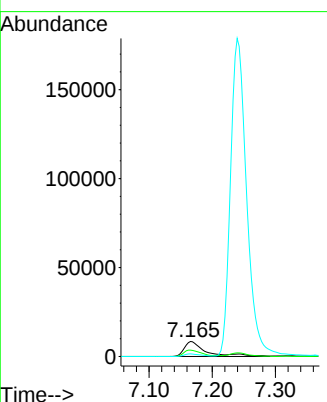
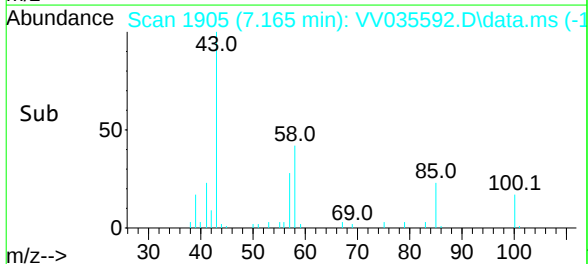
#40
 4-Methyl-2-pentanone
 Concen: 4.556 ug/L m
 RT: 7.165 min Scan# 1901
 Delta R.T. 0.013 min
 Lab File: VV035592.D
 Acq: 13 May 2024 11:11

Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT2-2024-04

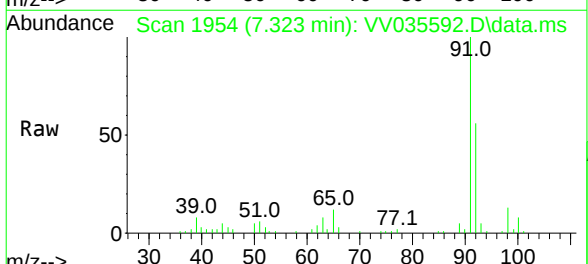


Tgt Ion:	43	Resp:	20145
Ion Ratio	Lower	Upper	
43	100		
58	33.2	36.1	54.1
100	13.6	15.0	22.4

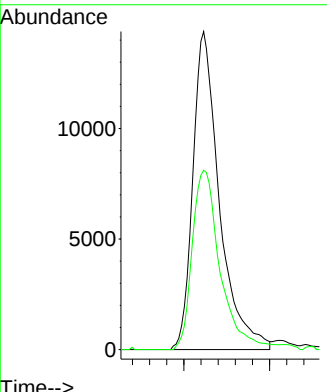
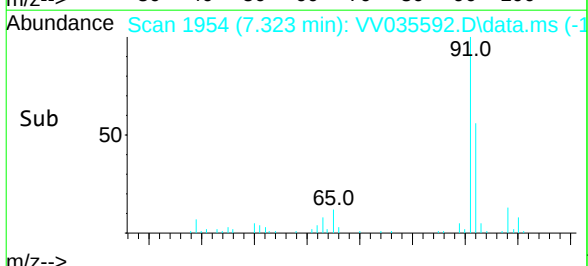
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

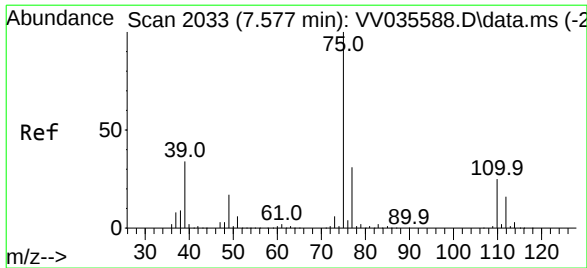


#42
 Toluene
 Concen: 2.443 ug/L
 RT: 7.323 min Scan# 1954
 Delta R.T. 0.013 min
 Lab File: VV035592.D
 Acq: 13 May 2024 11:11



Tgt Ion:	91	Resp:	30898
Ion Ratio	Lower	Upper	
91	100		
92	56.4	40.3	74.9





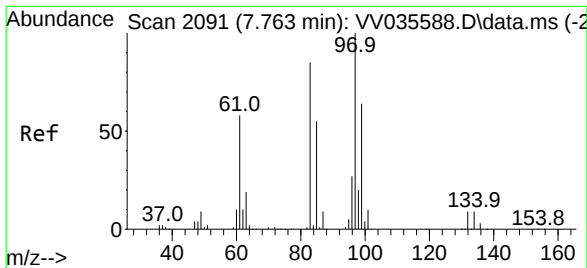
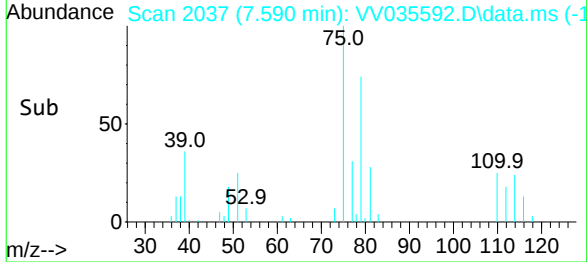
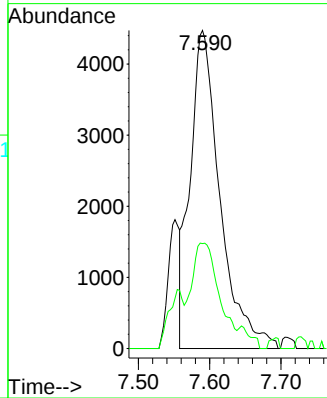
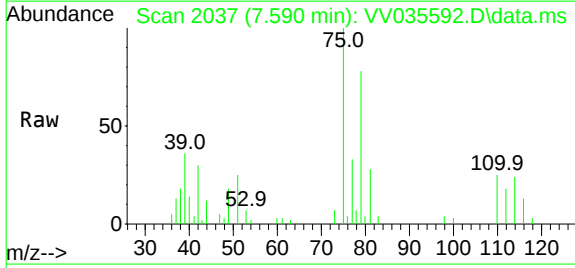
#44
trans-1,3-Dichloropropene
Concen: 2.639 ug/L m
RT: 7.590 min Scan# 2036
Delta R.T. 0.013 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-04

Tgt Ion: 75 Resp: 13036
Ion Ratio Lower Upper
75 100
77 33.0 22.4 41.6

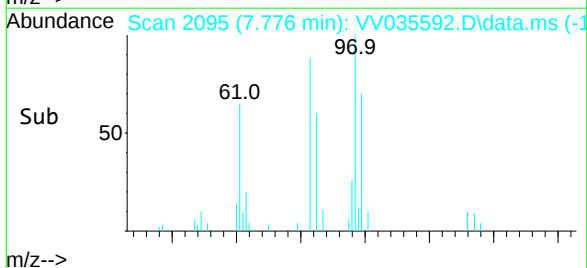
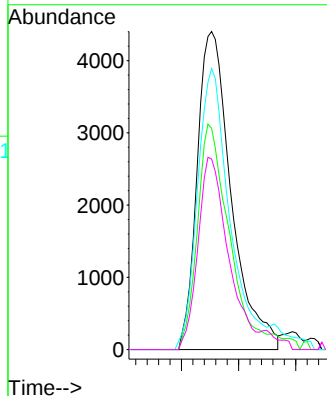
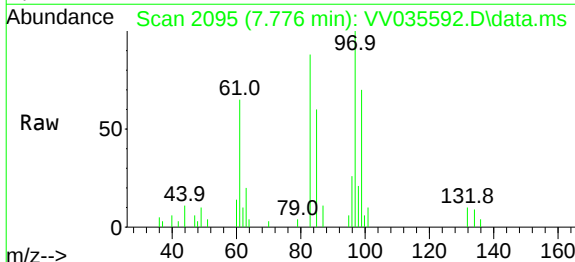
Manual Integrations
APPROVED

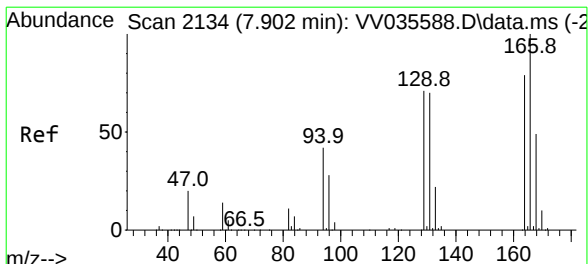
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#45
1,1,2-Trichloroethane
Concen: 2.582 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.013 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

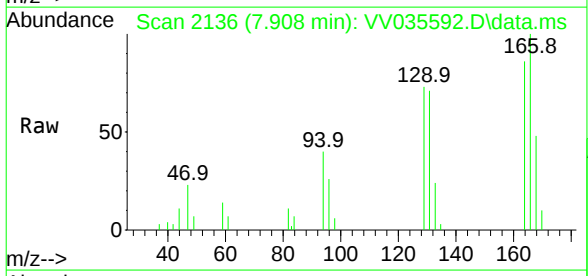
Tgt Ion: 97 Resp: 9148
Ion Ratio Lower Upper
97 100
99 69.6 44.2 82.2
83 88.4 59.3 110.1
85 59.9 38.4 71.2





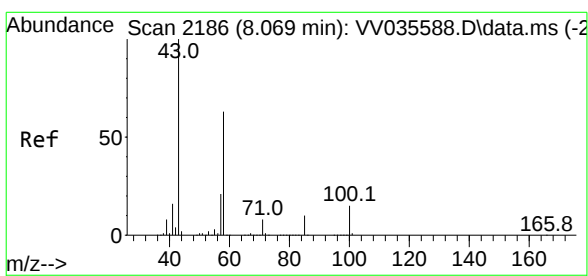
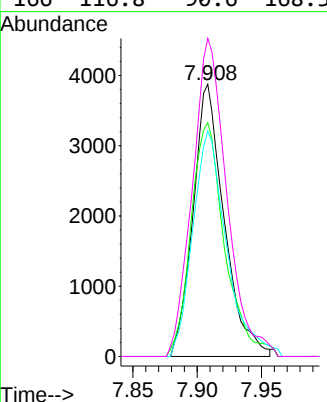
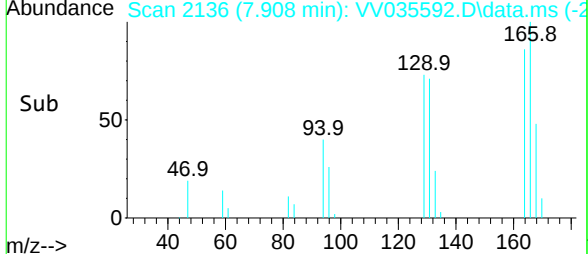
#46
Tetrachloroethene
Concen: 2.517 ug/L
RT: 7.908 min Scan# 2134
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-04

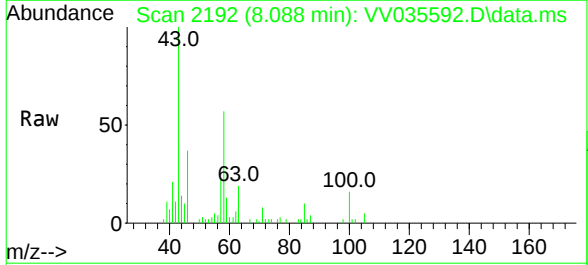


Tgt Ion	Ratio	Lower	Upper
164	100		
129	85.8	64.7	120.1
131	82.7	61.5	114.1
166	116.8	90.6	168.3

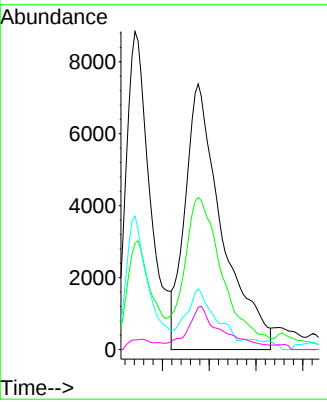
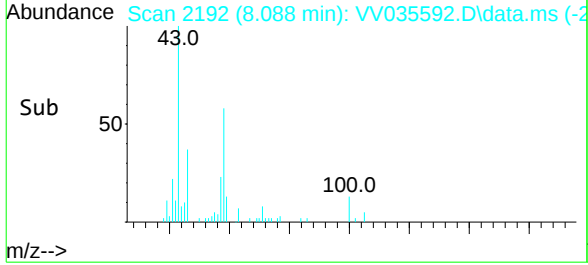
Manual Integrations
APPROVED
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

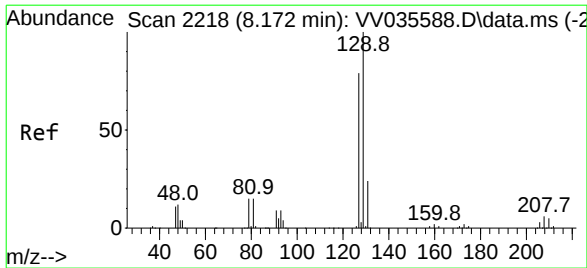


#48
2-Hexanone
Concen: 5.634 ug/L m
RT: 8.088 min Scan# 2192
Delta R.T. 0.019 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11



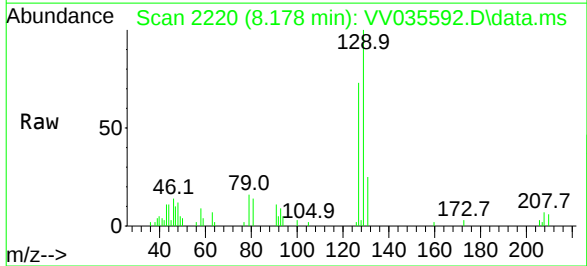
Tgt Ion	Ratio	Lower	Upper
43	100		
58	59.5	50.8	76.2
57	9.4	17.6	26.4#
100	11.3	12.0	18.0#





#49
Dibromochloromethane
Concen: 2.657 ug/L
RT: 8.178 min Scan# 2218
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

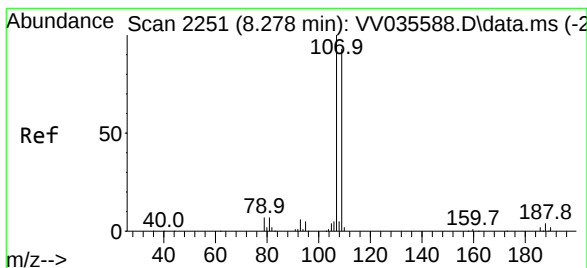
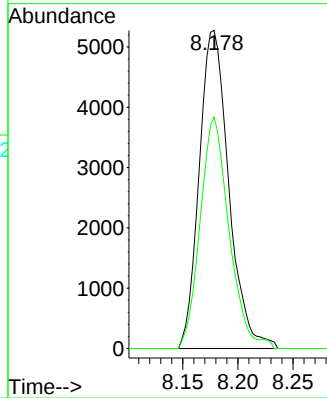
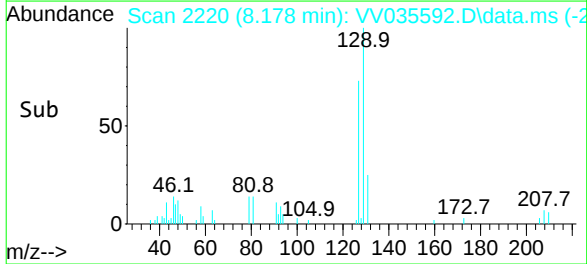
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



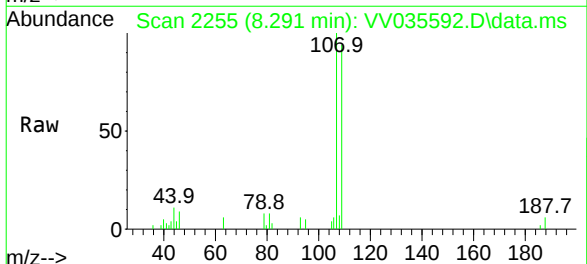
Tgt Ion:129 Resp: 9854
Ion Ratio Lower Upper
129 100
127 72.8 54.3 100.8

Manual Integrations
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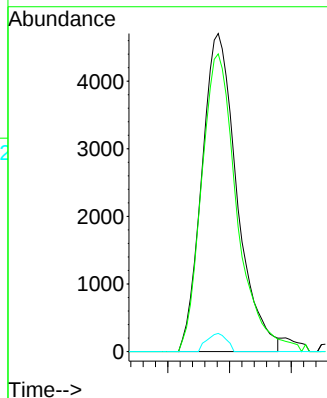
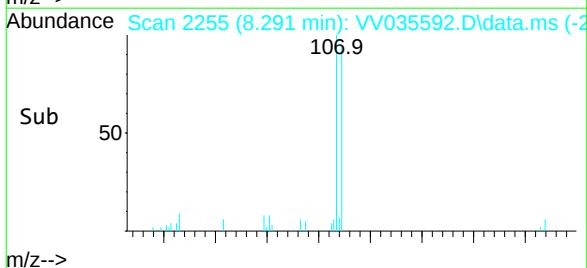
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

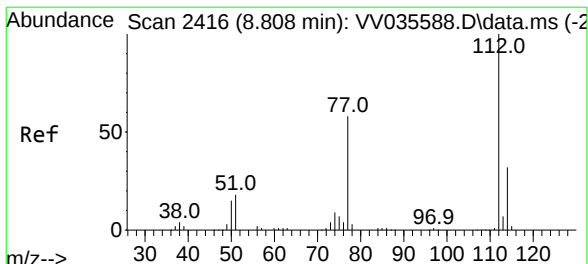


#50
1,2-Dibromoethane
Concen: 2.512 ug/L
RT: 8.291 min Scan# 2255
Delta R.T. 0.013 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11



Tgt Ion:107 Resp: 9299
Ion Ratio Lower Upper
107 100
109 93.6 65.7 122.1
188 5.7 3.1 4.7#



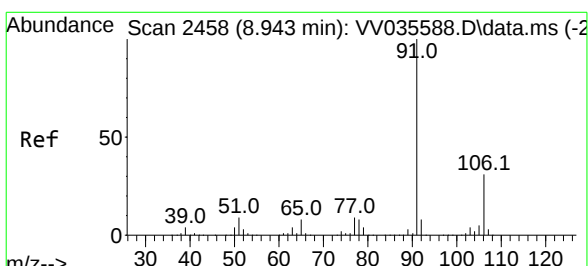
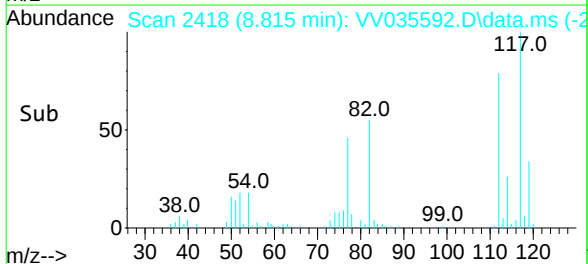
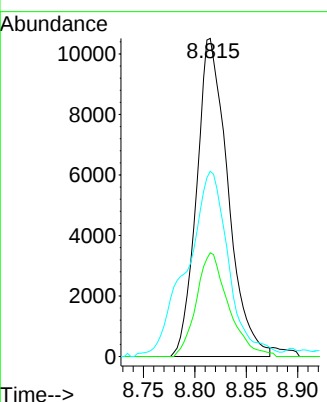
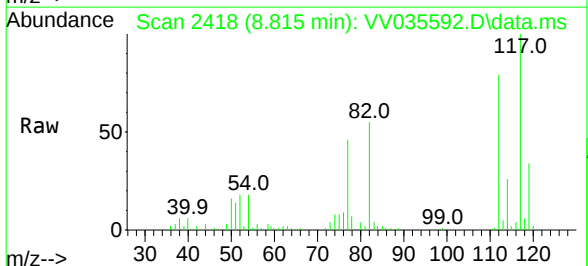


#51
Chlorobenzene
Concen: 2.531 ug/L
RT: 8.815 min Scan# 2416
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-04

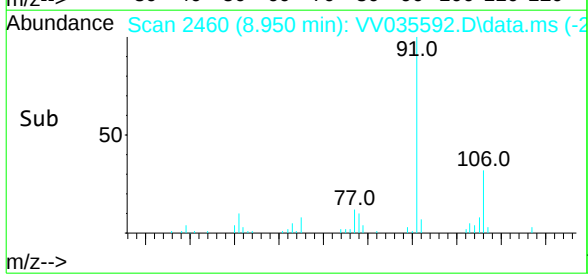
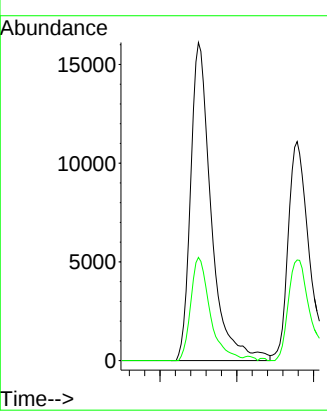
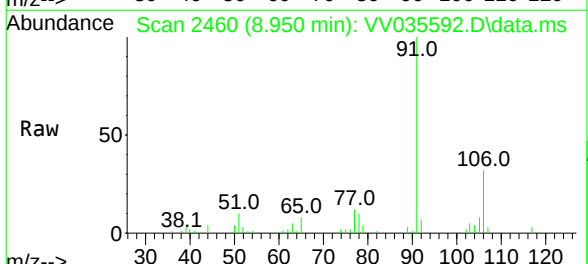
Tgt Ion:	112	Resp:	22223
Ion Ratio	Lower	Upper	
112	100		
114	32.6	22.4	41.6
77	58.2	45.9	68.9

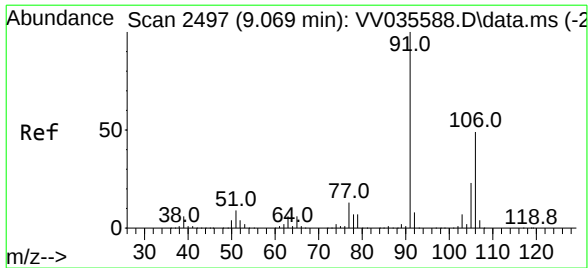
Manual Integrations
APPROVED
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#52
Ethylbenzene
Concen: 2.201 ug/L m
RT: 8.950 min Scan# 2460
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion:	91	Resp:	30081
Ion Ratio	Lower	Upper	
91	100		
106	32.4	21.6	40.0





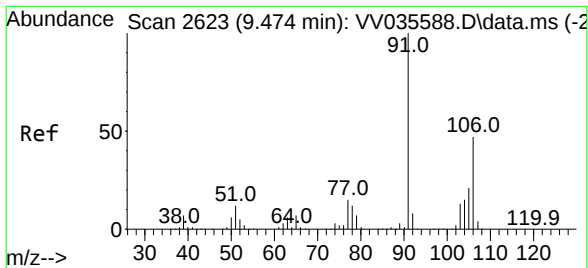
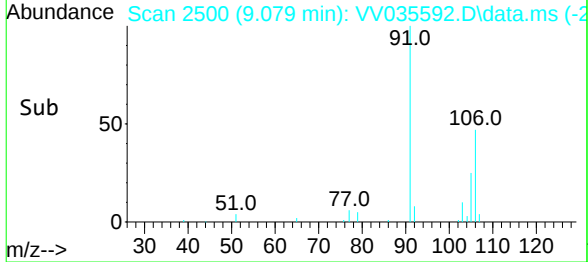
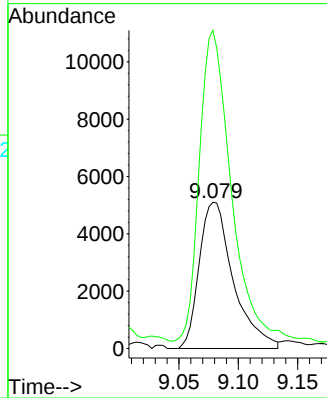
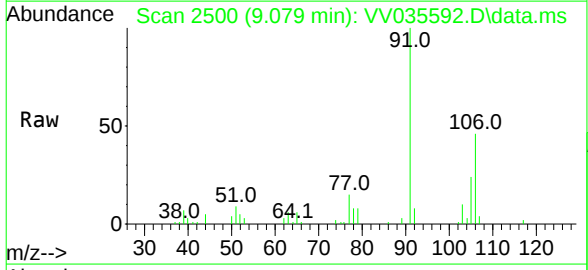
#53
m,p-Xylene
Concen: 2.011 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.010 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Tgt Ion:106 Resp: 10195
Ion Ratio Lower Upper
106 100
91 217.7 144.8 268.8

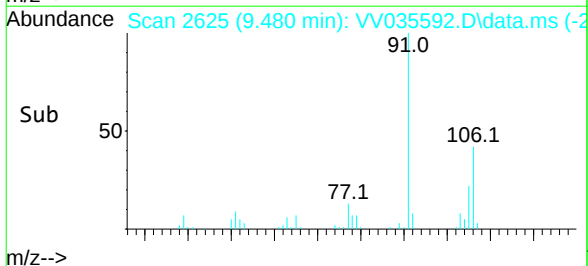
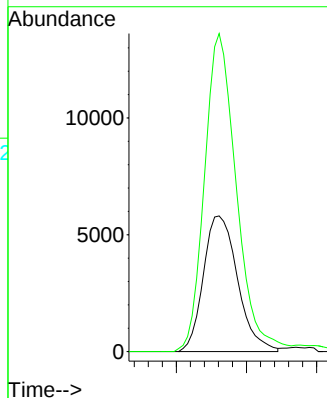
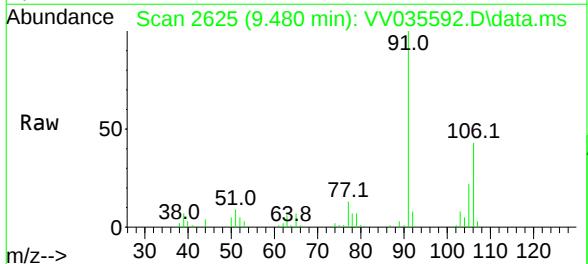
Manual Integrations
APPROVED

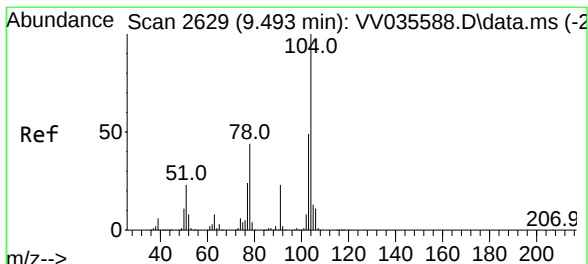
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#54
o-Xylene
Concen: 1.929 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.007 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

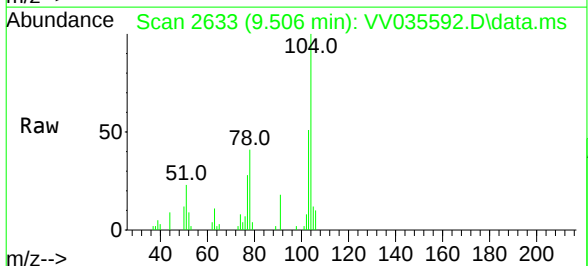
Tgt Ion:106 Resp: 9853
Ion Ratio Lower Upper
106 100
91 234.5 149.9 278.3





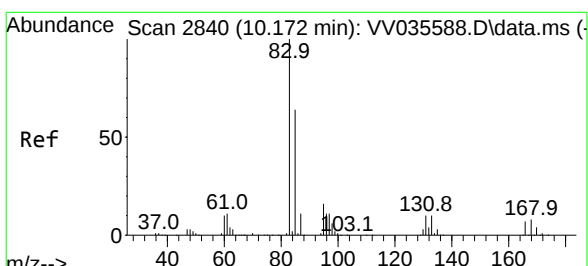
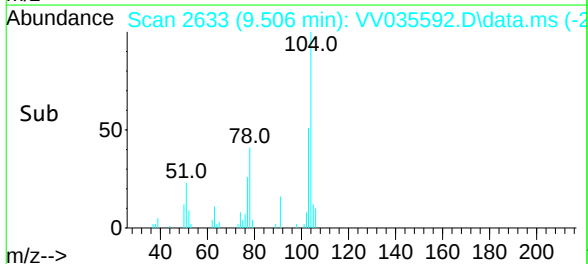
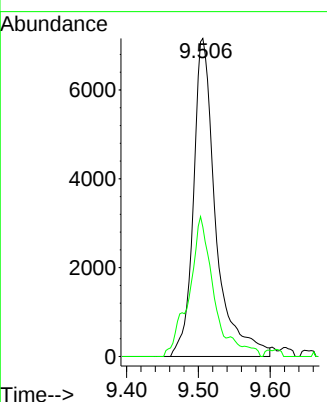
#55
Styrene
 Concen: 1.751 ug/L
 RT: 9.506 min Scan# 261
 Delta R.T. 0.013 min
 Lab File: VV035592.D
 Acq: 13 May 2024 11:11

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



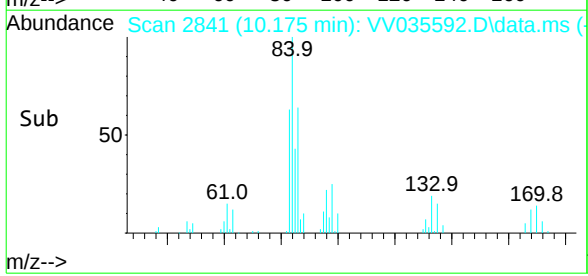
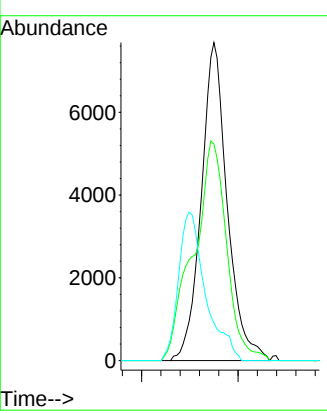
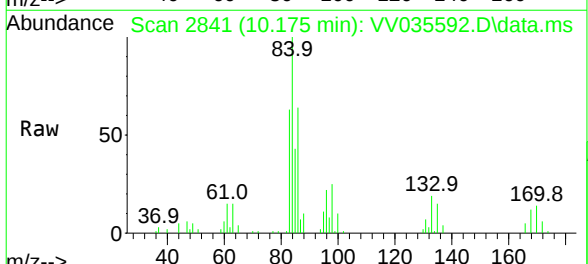
Tgt Ion:	104	Resp:	15460
Ion Ratio	Lower	Upper	
104	100		
78	40.7	29.9	55.5

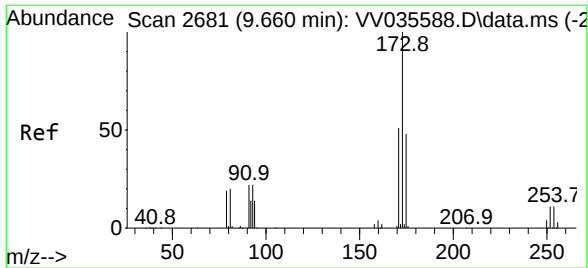
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#57
1,1,2,2-Tetrachloroethane
 Concen: 2.375 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. 0.003 min
 Lab File: VV035592.D
 Acq: 13 May 2024 11:11

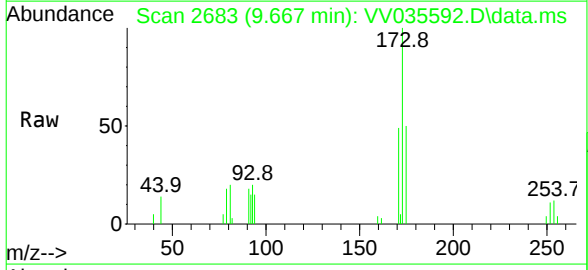
Tgt Ion:	83	Resp:	14397
Ion Ratio	Lower	Upper	
83	100		
85	68.1	44.9	83.5
131	11.9	8.1	12.1





#59
 Bromoform
 Concen: 2.644 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. 0.007 min
 Lab File: VV035592.D
 Acq: 13 May 2024 11:11

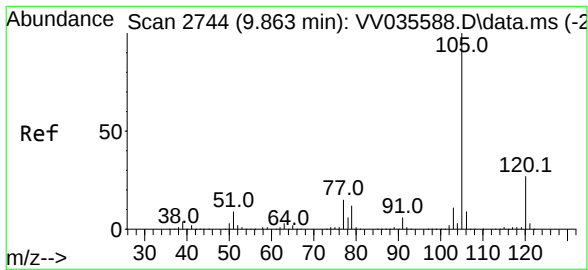
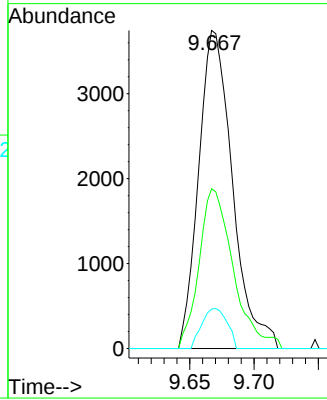
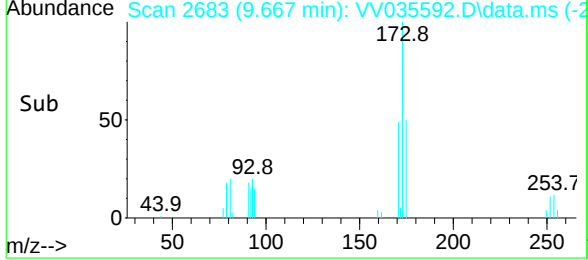
Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT2-2024-04



Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	39.0	58.6
254	9.4	8.5	12.7

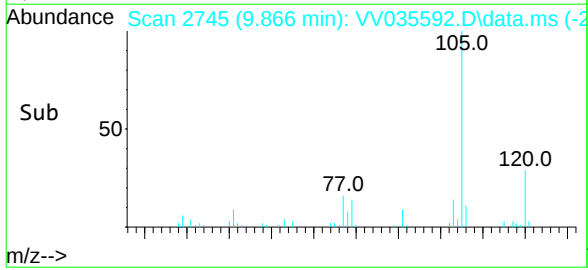
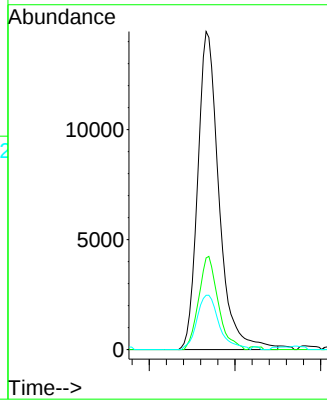
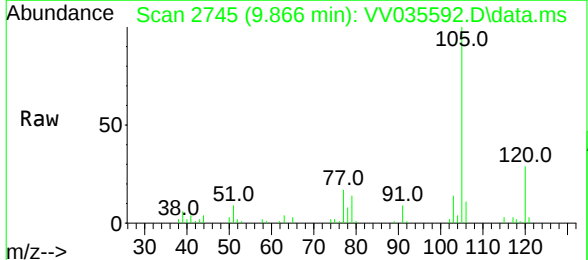
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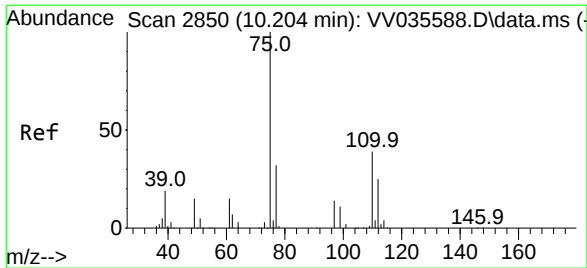
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#60
 Isopropylbenzene
 Concen: 2.155 ug/L
 RT: 9.866 min Scan# 2745
 Delta R.T. 0.003 min
 Lab File: VV035592.D
 Acq: 13 May 2024 11:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.5	32.3
77	17.7	12.3	18.5





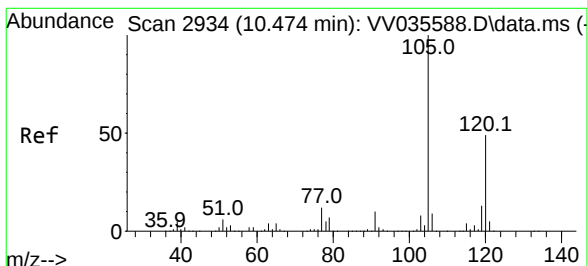
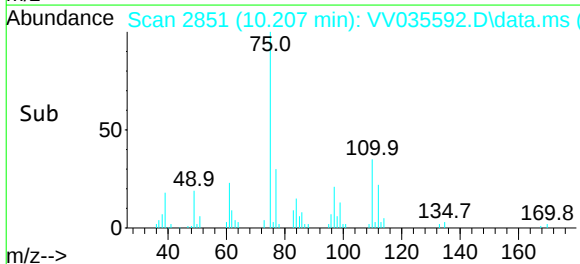
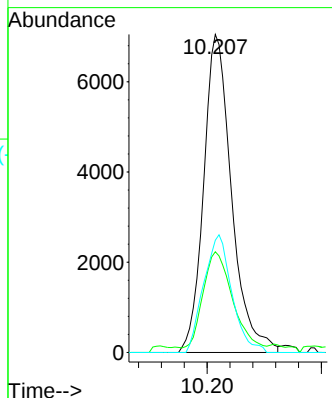
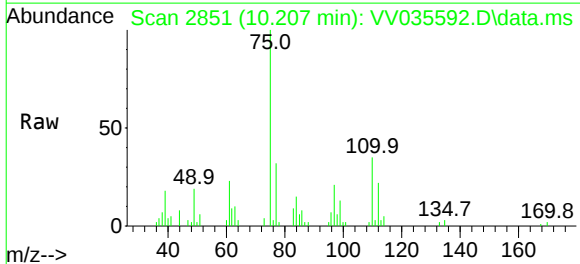
#61
1,2,3-Trichloropropane
Concen: 2.983 ug/L
RT: 10.207 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.8	38.6
110	37.2	31.6	47.4

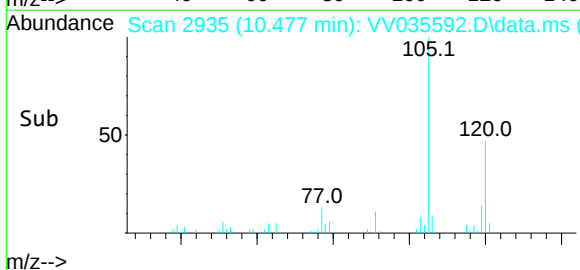
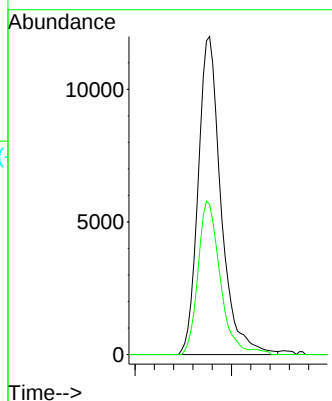
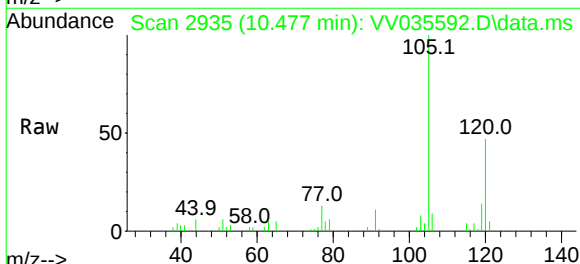
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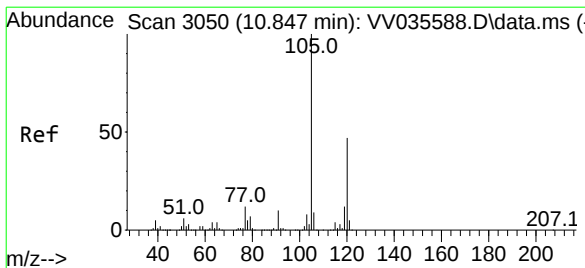
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#62
1,3,5-Trimethylbenzene
Concen: 2.137 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	39.5	59.3





#63

1,2,4-Trimethylbenzene

Concen: 2.000 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.007 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

Tgt Ion:105 Resp: 18545

Ion Ratio Lower Upper

105 100

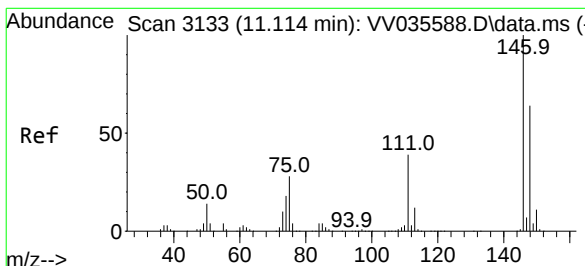
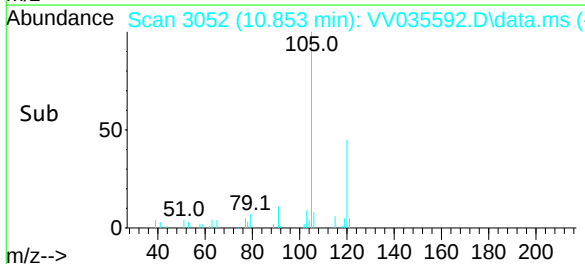
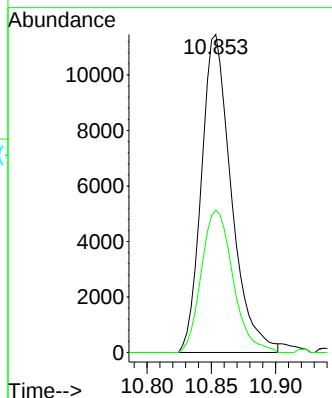
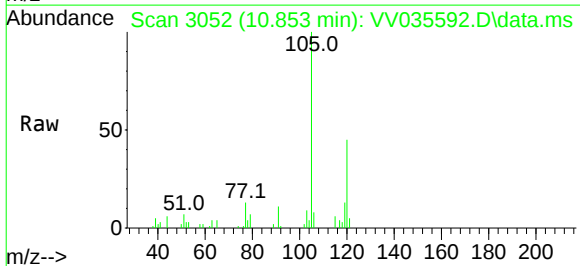
120 47.2 36.6 55.0

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APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#64

1,3-Dichlorobenzene

Concen: 2.510 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.010 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

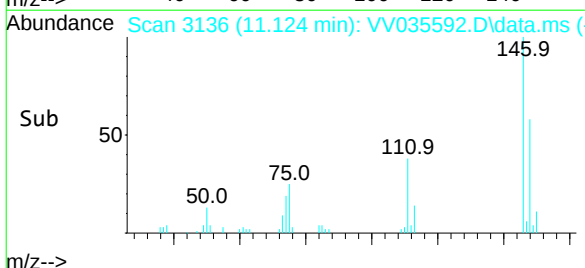
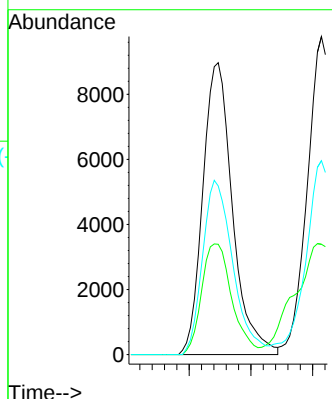
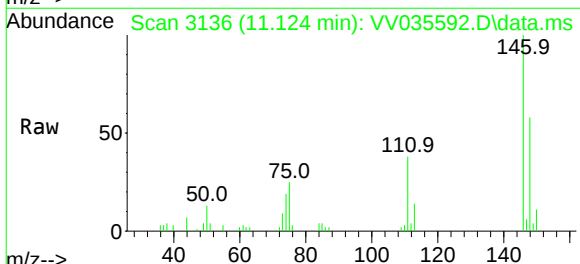
Tgt Ion:146 Resp: 15018

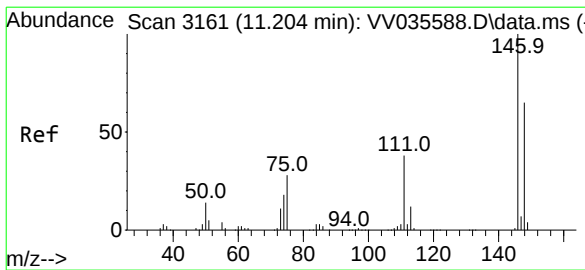
Ion Ratio Lower Upper

146 100

111 37.8 27.9 51.7

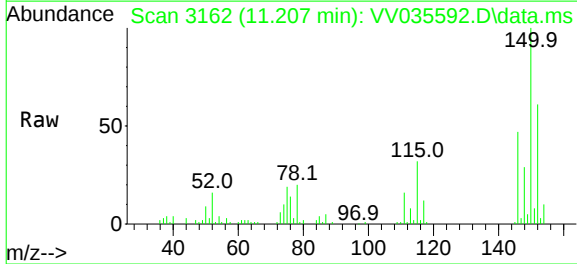
148 57.8 45.1 83.9





#65
1,4-Dichlorobenzene
Concen: 2.767 ug/L
RT: 11.207 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

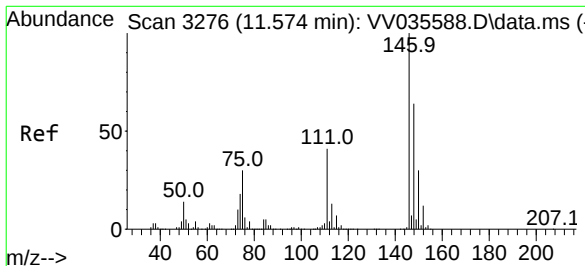
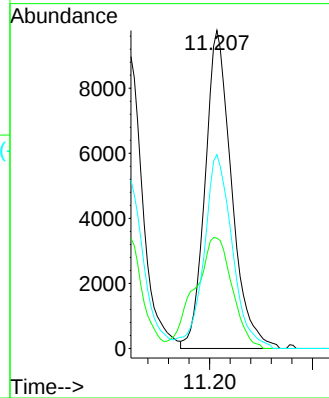
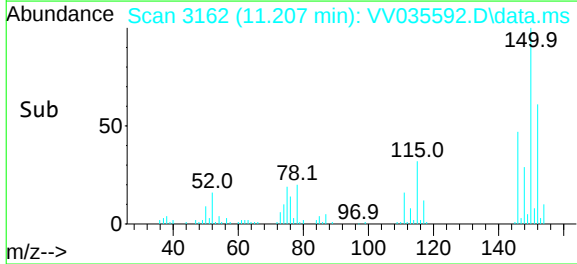
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt	Ion	Ratio	Lower	Upper
146	100			
111	34.7	26.4	49.0	
148	61.0	44.3	82.3	

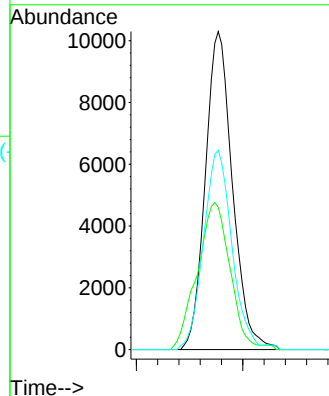
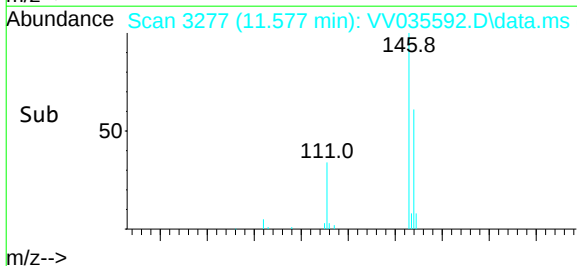
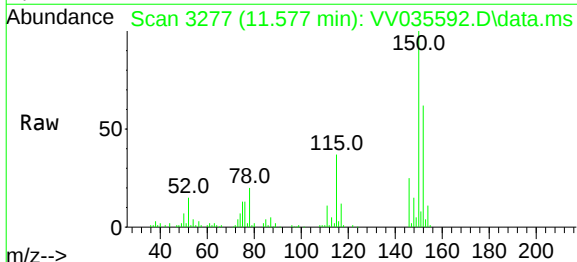
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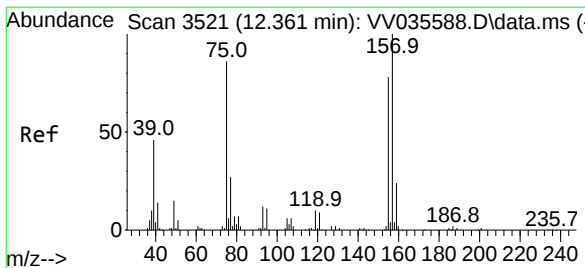
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#67
1,2-Dichlorobenzene
Concen: 2.912 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Tgt	Ion	Ratio	Lower	Upper
146	100			
111	44.8	32.1	48.1	
148	62.7	51.5	77.3	





#68

1,2-Dibromo-3-chloropropane

Concen: 2.289 ug/L

RT: 12.368 min Scan# 3521

Delta R.T. 0.007 min

Lab File: VV035592.D

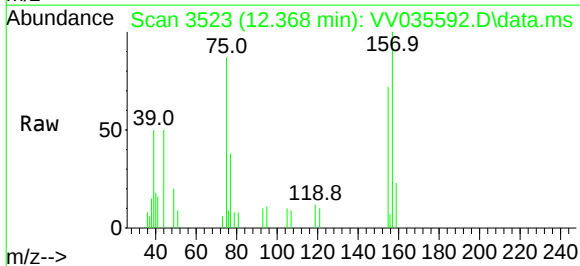
Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04



Tgt Ion: 75 Resp: 2706

Ion Ratio Lower Upper

75 100

155 90.5 71.4 107.2

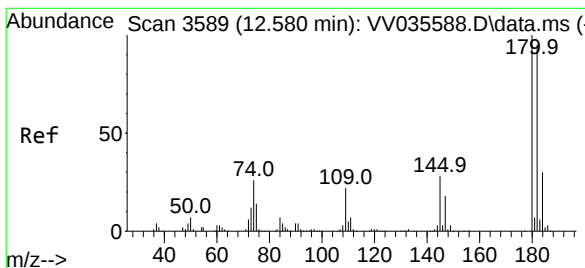
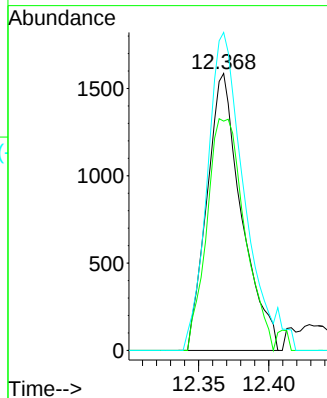
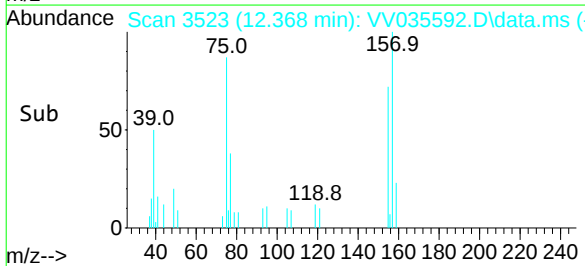
157 114.8 95.0 142.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#69

1,3,5-Trichlorobenzene

Concen: 2.520 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Tgt Ion:180 Resp: 11447

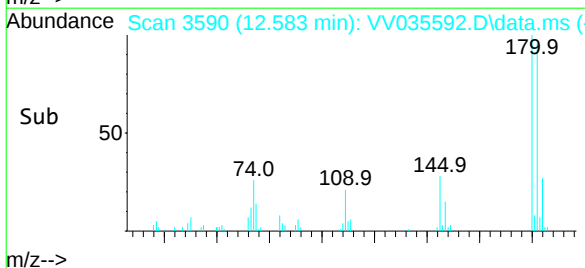
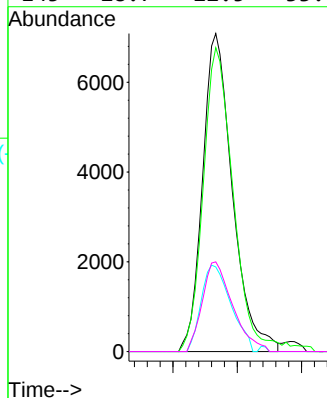
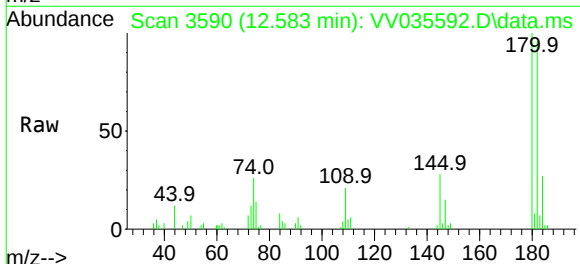
Ion Ratio Lower Upper

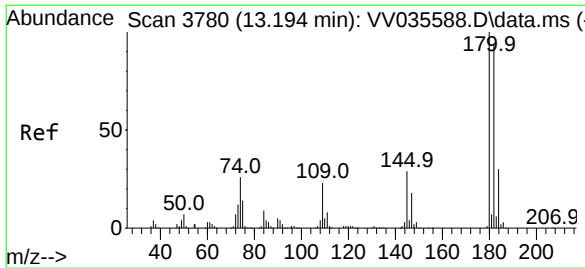
180 100

182 95.3 75.7 113.5

184 27.0 24.1 36.1

145 28.7 22.5 33.7





#70

1,2,4-trichlorobenzene

Concen: 2.573 ug/L

RT: 13.201 min Scan# 37

Delta R.T. 0.007 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

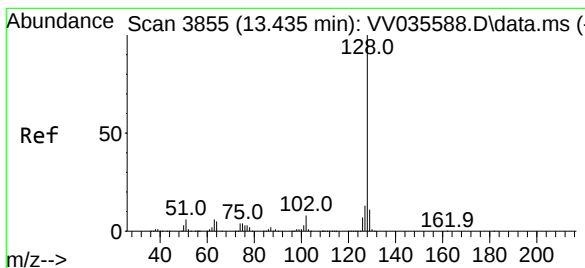
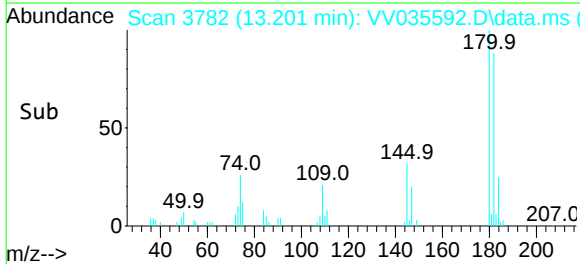
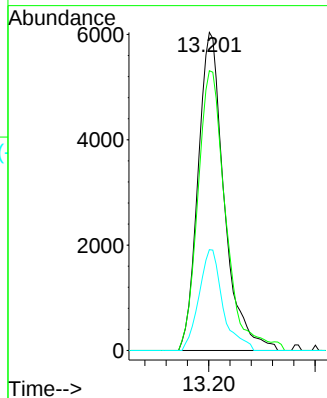
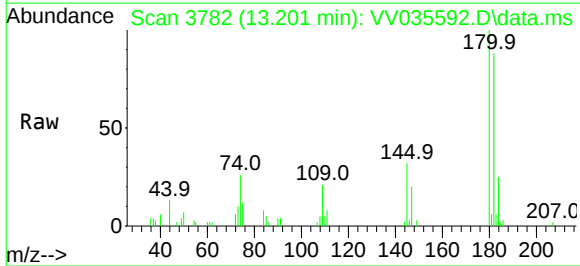
MDL-MED-SOIL-QT2-2024-04

Tgt Ion:	180	Resp:	10296
Ion Ratio	Lower	Upper	
180	100		
182	92.5	75.7	113.5
145	28.9	23.0	34.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#71

Naphthalene

Concen: 2.154 ug/L m

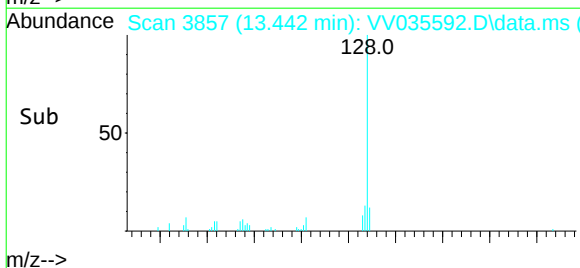
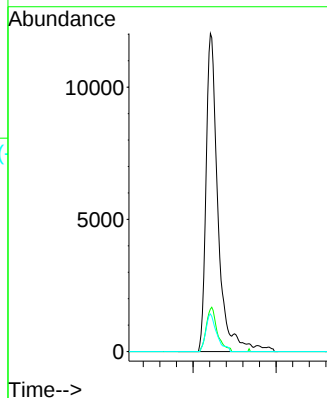
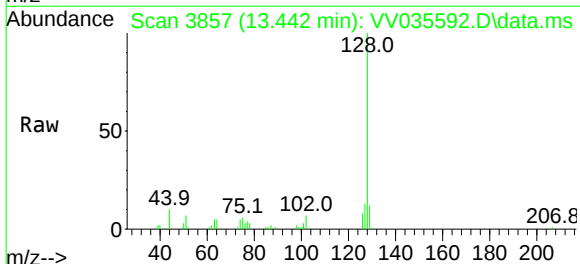
RT: 13.442 min Scan# 3857

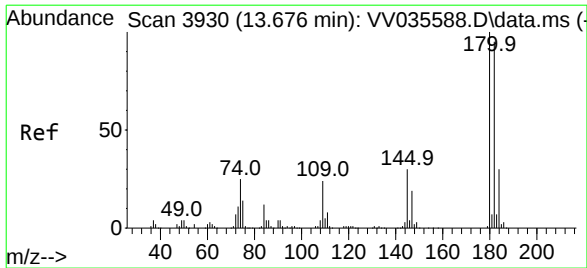
Delta R.T. 0.007 min

Lab File: VV035592.D

Acq: 13 May 2024 11:11

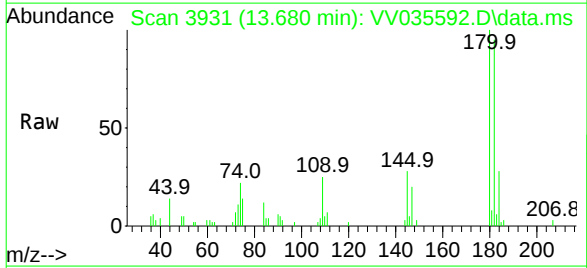
Tgt Ion:	128	Resp:	24149
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	10.8	8.7	13.1





#72
1,2,3-Trichlorobenzene
Concen: 2.407 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV035592.D
Acq: 13 May 2024 11:11

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



Tgt	Ion:	180	Resp:	9998
Ion	Ratio	Lower	Upper	
180	100			
182	97.0	76.2	114.2	
145	28.2	24.9	37.3	

Manual Integrations
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Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

