

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW120524\
 Data File : VW038416.D
 Acq On : 05 Dec 2024 12:26
 Operator : SY/MD
 Sample : P4776-06
 Misc : 5.00g/5mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-08

Quant Time: Dec 06 01:43:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 01:27:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
 Supervised By :Semsettin Yesilyurt 12/06/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	484043	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	497440	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	218122	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	183962	45.484	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.960%		
7) Chloroethane-d5	1.526	69	155355	45.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.180%		
11) 1,1-Dichloroethene-d2	2.050	65	83508	48.701	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.400%		
21) 2-Butanone-d5	3.780	46	246361	127.997	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	128.000%		
24) Chloroform-d	4.239	84	357346	48.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.120%		
26) 1,2-Dichloroethane-d4	4.934	65	216575	49.853	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.700%		
32) Benzene-d6	4.950	84	695595	48.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.060%		
36) 1,2-Dichloropropane-d6	5.979	67	225130	50.517	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.040%		
41) Toluene-d8	7.236	98	579298	44.690	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.380%		
43) trans-1,3-Dichloroprop...	7.548	79	96675	44.853	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.700%		
47) 2-Hexanone-d5	8.017	63	149503	109.851	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.850%		
56) 1,1,2,2-Tetrachloroeth...	10.143	84	324619	52.083	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.160%		
66) 1,2-Dichlorobenzene-d4	11.554	152	228611	54.209	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	9001	2.025	ug/L	98
3) Chloromethane	1.211	50	10039	2.177	ug/L	100
5) Vinyl chloride	1.278	62	10288	2.187	ug/L #	71
6) Bromomethane	1.481	94	5927	2.034	ug/L	91
8) Chloroethane	1.542	64	6697	2.250	ug/L	95
9) Trichlorofluoromethane	1.706	101	13184	2.125	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	9731	2.724	ug/L #	82
12) 1,1-Dichloroethene	2.059	96	9480	2.787	ug/L #	1
13) Acetone	2.108	43	13028	4.908	ug/L	89
14) Carbon disulfide	2.233	76	24486	2.187	ug/L	96
15) Methyl Acetate	2.381	43	8233	2.396	ug/L	94
17) trans-1,2-Dichloroethene	2.696	96	7870	2.122	ug/L	84
18) Methyl tert-butyl Ether	2.699	73	20424	1.906	ug/L	99
19) 1,1-Dichloroethane	3.108	63	14649	2.153	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	8277	2.122	ug/L	96
22) 2-Butanone	3.928	43	12108m	4.800	ug/L	
23) Bromochloromethane	4.159	128	4539	2.140	ug/L	90
27) 1,2-Dichloroethane	5.059	62	11951m	2.307	ug/L	
29) Cyclohexane	4.571	56	8822	1.651	ug/L	96

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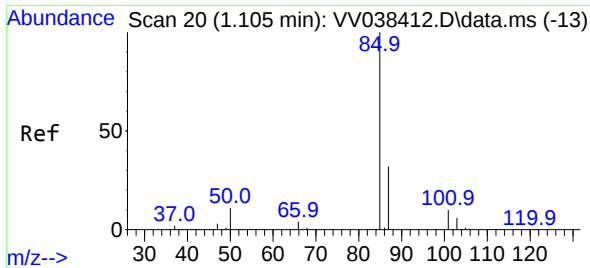
Quant Time: Dec 06 01:43:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.510	97	12479	1.985	ug/L	94
31) Carbon tetrachloride	4.731	117	11167	2.021	ug/L	99
33) Benzene	5.008	78	30380m	2.023	ug/L	
34) Trichloroethene	5.847	95	8314m	2.073	ug/L	
35) Methylcyclohexane	6.037	83	9816	1.704	ug/L #	76
37) 1,2-Dichloropropane	6.104	63	8376m	2.146	ug/L	
38) Bromodichloromethane	6.439	83	11072	2.043	ug/L	93
39) cis-1,3-Dichloropropene	6.966	75	11978m	1.977	ug/L	
40) 4-Methyl-2-pentanone	7.165	43	15110	3.458	ug/L	98
42) Toluene	7.323	91	30823	1.976	ug/L	94
44) trans-1,3-Dichloropropene	7.590	75	11401m	1.948	ug/L	
45) 1,1,2-Trichloroethane	7.776	97	8361	2.064	ug/L	94
46) Tetrachloroethene	7.905	164	6262m	2.022	ug/L	
48) 2-Hexanone	8.088	43	31663m	8.685	ug/L	
49) Dibromochloromethane	8.172	129	8330	1.994	ug/L	98
50) 1,2-Dibromoethane	8.284	107	8730	2.045	ug/L	85
51) Chlorobenzene	8.812	112	21429	1.999	ug/L	98
52) Ethylbenzene	8.950	91	28291	1.691	ug/L	99
53) m,p-Xylene	9.078	106	8738	1.378	ug/L	99
54) o-Xylene	9.480	106	9321	1.528	ug/L	94
55) Styrene	9.506	104	14121	1.318	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	15120	2.403	ug/L #	97
59) Bromoform	9.667	173	5863	2.500	ug/L	99
60) Isopropylbenzene	9.863	105	23458	1.759	ug/L	96
61) 1,2,3-Trichloropropane	10.204	75	10959	2.886	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	17839	1.667	ug/L	95
63) 1,2,4-Trimethylbenzene	10.850	105	17177	1.633	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	14470	2.113	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	17162	2.358	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	17859	2.559	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.365	75	2746	2.744	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	9535	2.042	ug/L	97
70) 1,2,4-trichlorobenzene	13.200	180	7959	2.023	ug/L	95
71) Naphthalene	13.445	128	24326	2.281	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	7870	2.039	ug/L	98

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



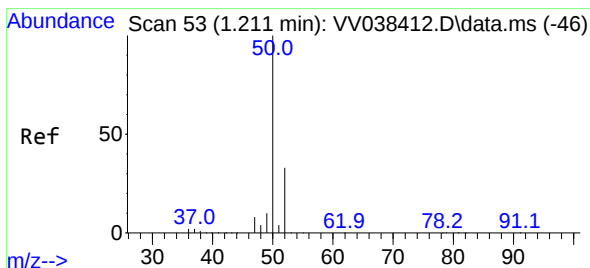
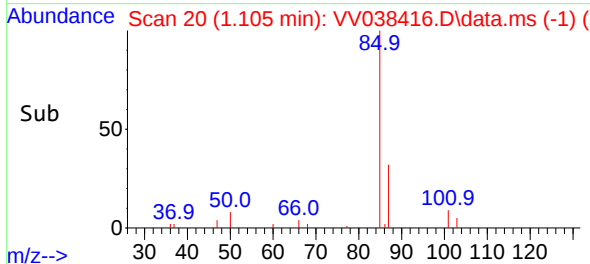
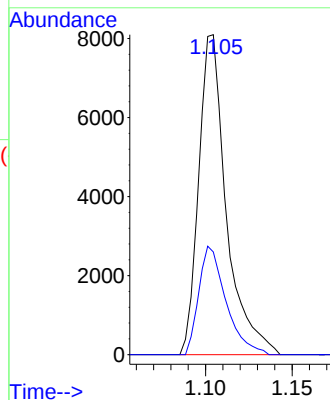
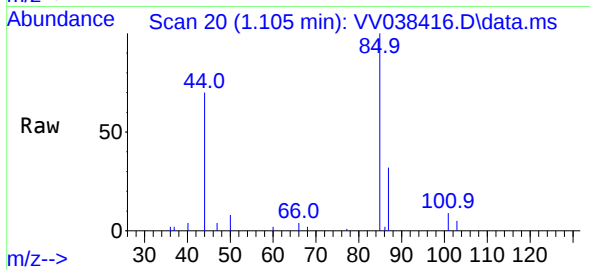
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 Dichlorodifluoromethane
 Concen: 2.025 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

Instrument : MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 85 Resp: 900
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.8 38.6

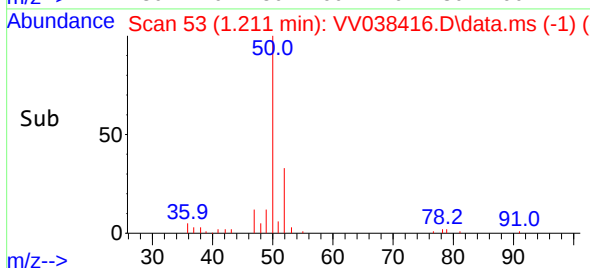
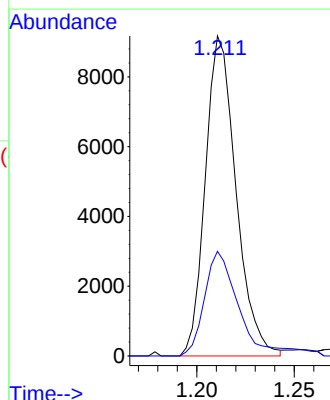
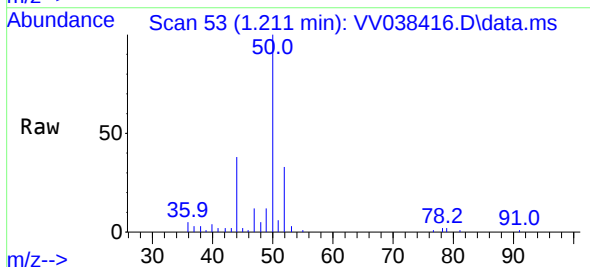
Manual Integrations
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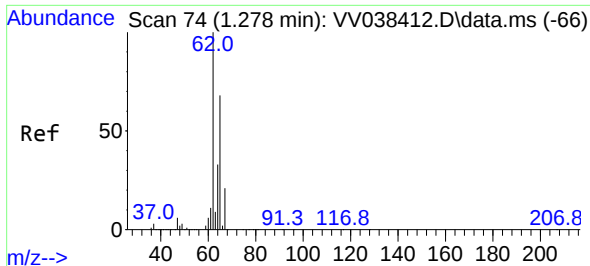
Reviewed By :Mahesh Dadoda 12/06/2024
 Supervised By :Semsettin Yesilyurt 12/06/2024



#3
 Chloromethane
 Concen: 2.177 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

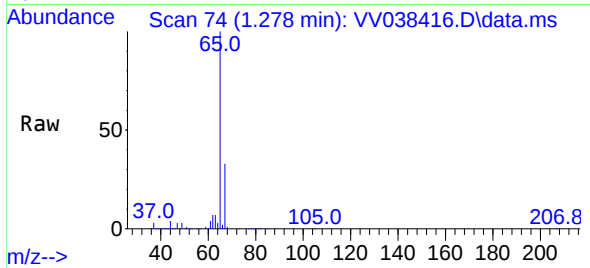
Tgt Ion: 50 Resp: 10039
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.3





#5
Vinyl chloride
Concen: 2.187 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.000 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

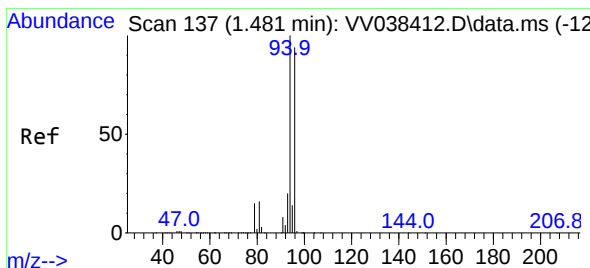
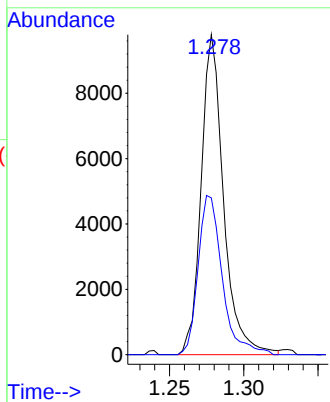
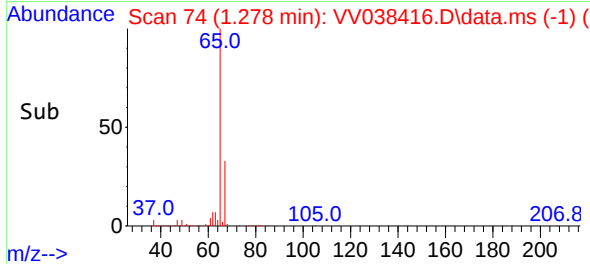
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 62 Resp: 1028
Ion Ratio Lower Upper
62 100
64 49.0 22.8 42.4

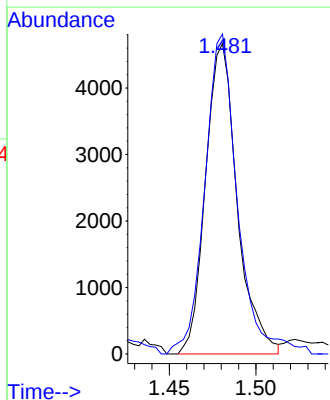
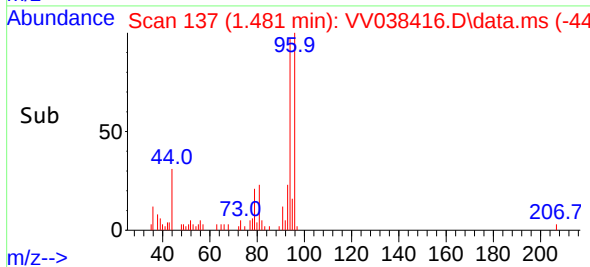
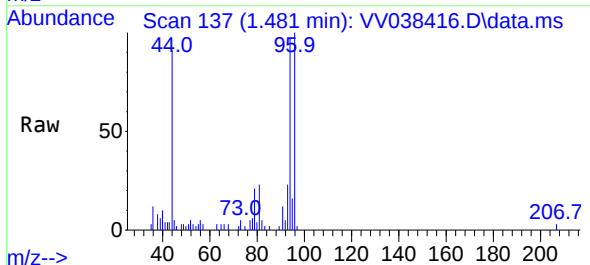
Manual Integrations
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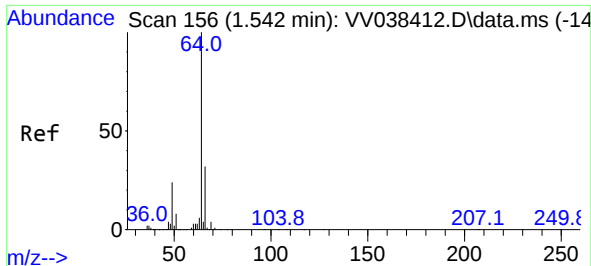
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#6
Bromomethane
Concen: 2.034 ug/L
RT: 1.481 min Scan# 137
Delta R.T. -0.000 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

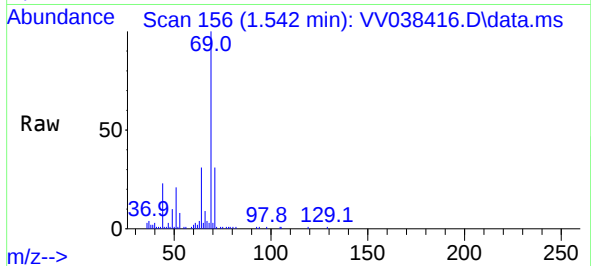
Tgt Ion: 94 Resp: 5927
Ion Ratio Lower Upper
94 100
96 103.1 66.1 122.8





#8
Chloroethane
Concen: 2.250 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

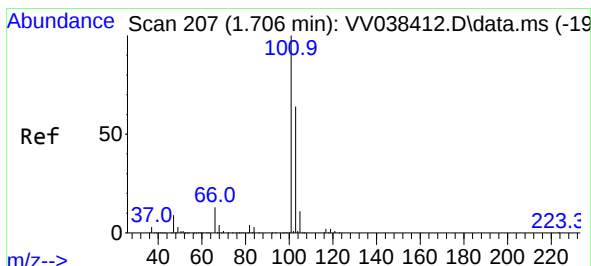
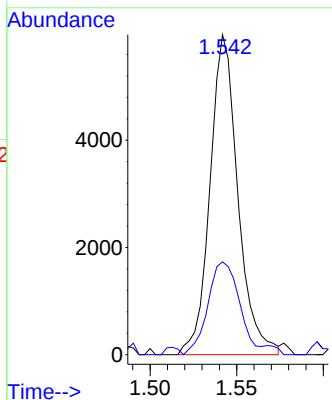
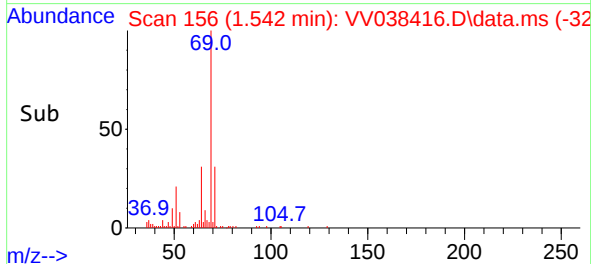
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 64 Resp: 669
Ion Ratio Lower Upper
64 100
66 29.0 22.3 41.5

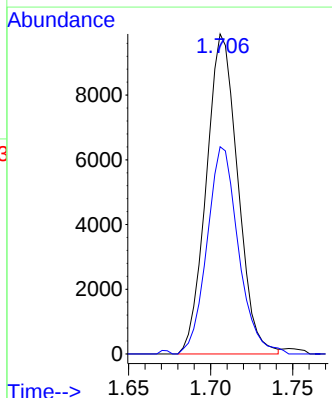
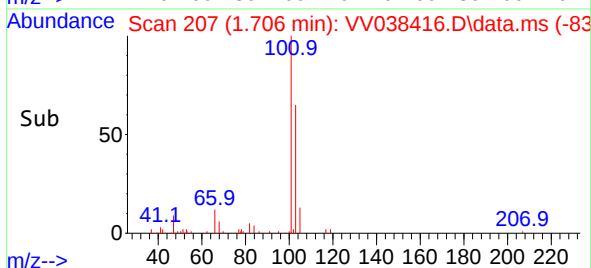
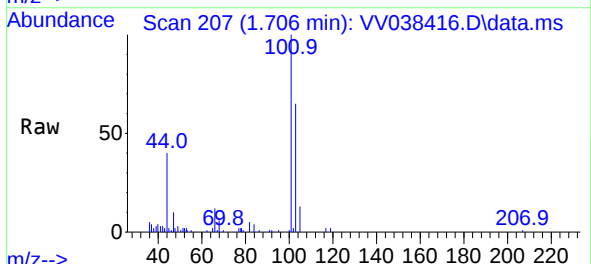
Manual Integrations APPROVED

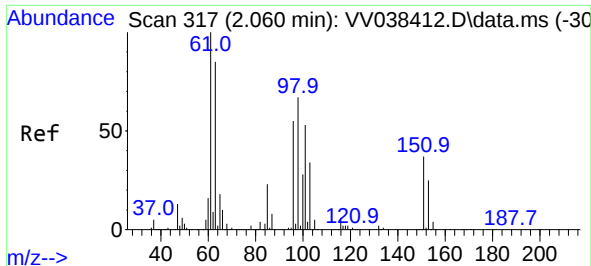
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#9
Trichlorofluoromethane
Concen: 2.125 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion:101 Resp: 13184
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5





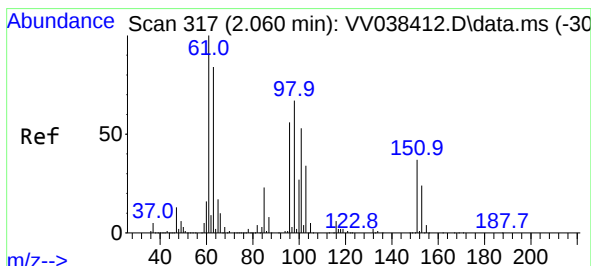
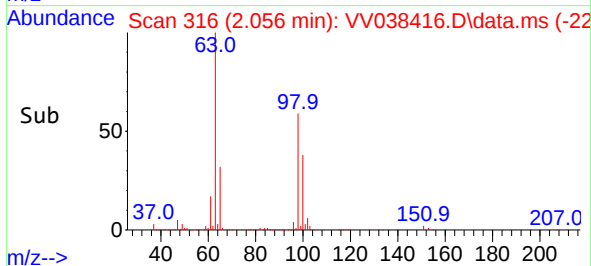
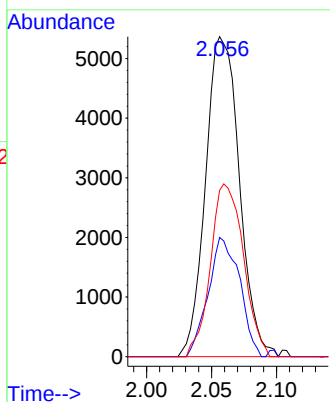
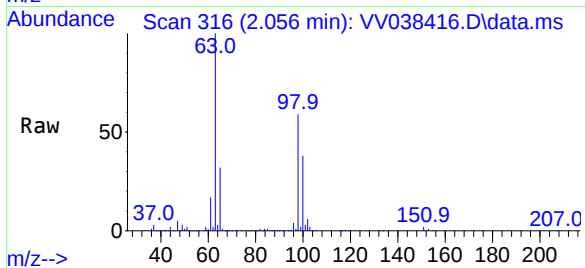
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.724 ug/L
RT: 2.056 min Scan# 316
Delta R.T. -0.003 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Instrument : MSVOA_V
ClientSampleId :
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Tgt Ion:101 Resp: 973
Ion Ratio Lower Upper
101 100
85 34.6 34.7 52.1
151 52.6 55.3 82.9

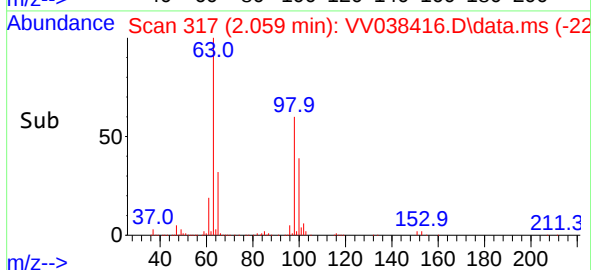
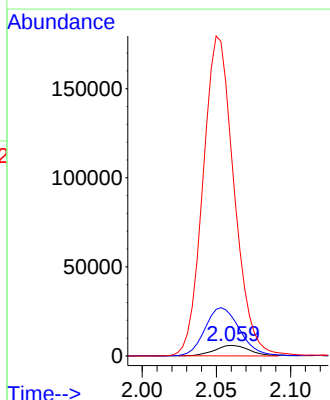
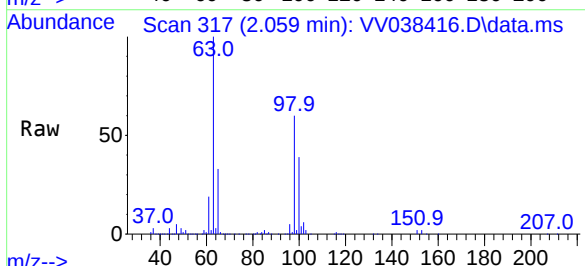
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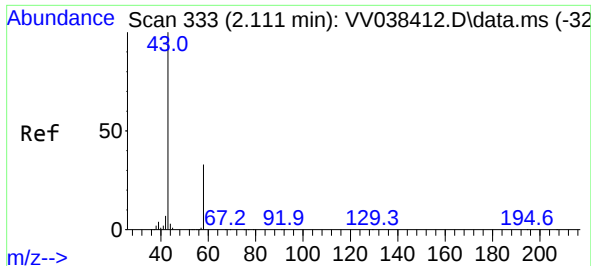
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#12
1,1-Dichloroethene
Concen: 2.787 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion: 96 Resp: 9480
Ion Ratio Lower Upper
96 100
61 392.3 120.9 224.5#
63 2039.1 110.9 205.9#





#13

Acetone

Concen: 4.908 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038416.D

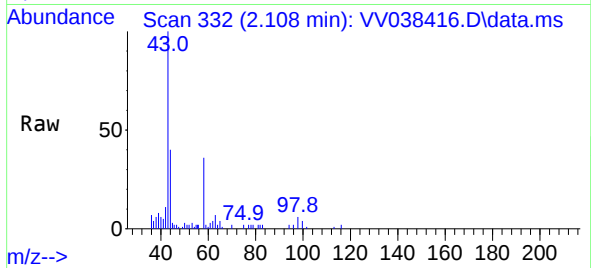
Acq: 05 Dec 2024 12:26

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 43 Resp: 13028

Ion Ratio Lower Upper

43 100

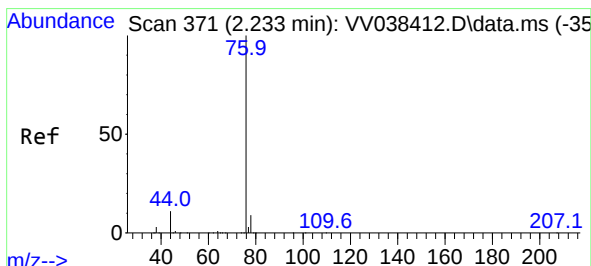
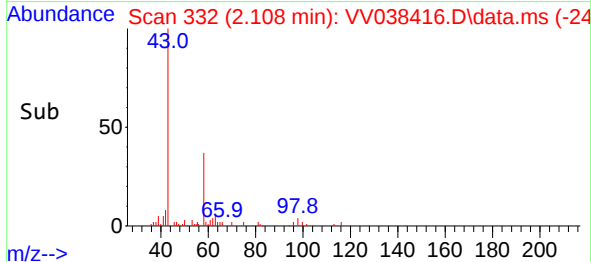
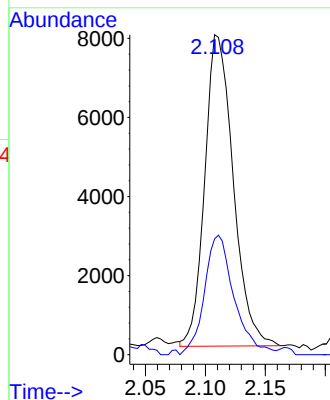
58 40.0 0.0 67.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 12/06/2024



#14

Carbon disulfide

Concen: 2.187 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV038416.D

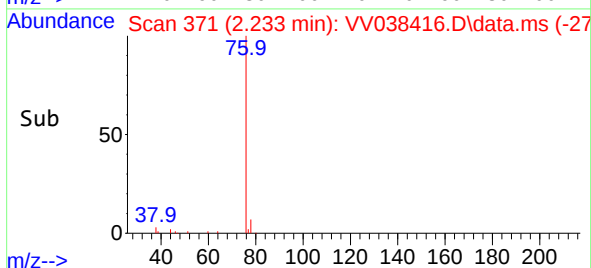
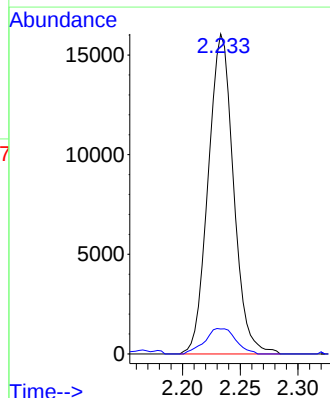
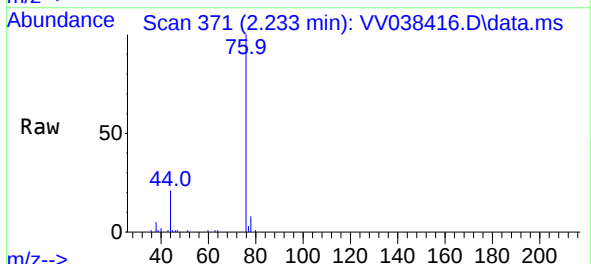
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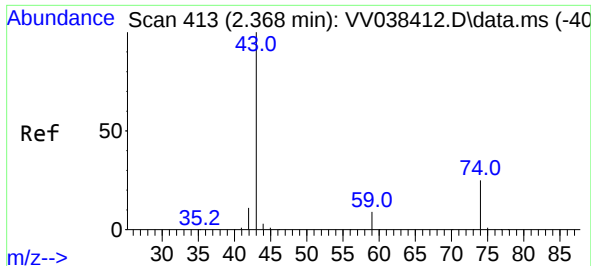
Tgt Ion: 76 Resp: 24486

Ion Ratio Lower Upper

76 100

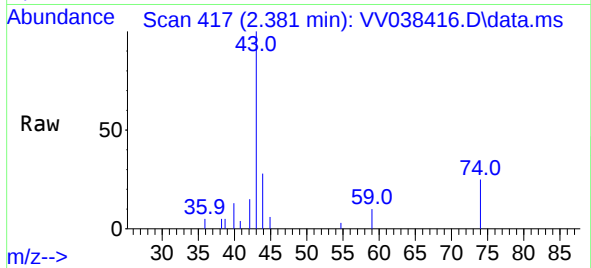
78 7.8 7.4 11.0





#15
Methyl Acetate
Concen: 2.396 ug/L
RT: 2.381 min Scan# 413
Delta R.T. 0.013 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

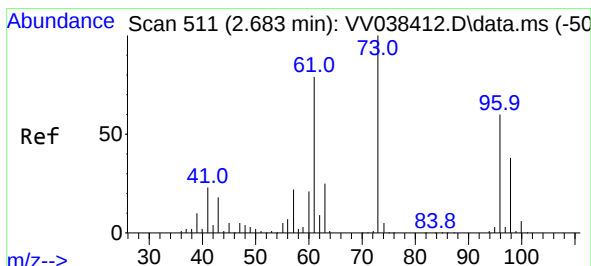
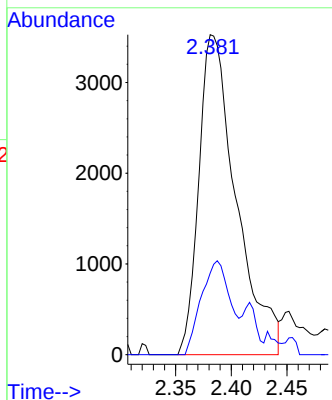
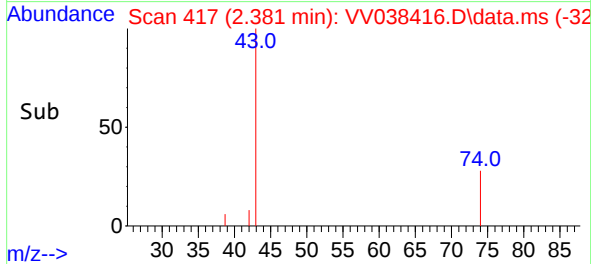
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
74 22.7 20.6 31.0

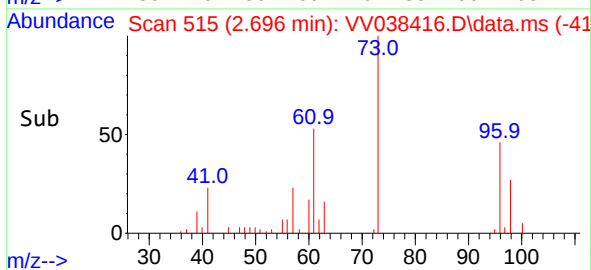
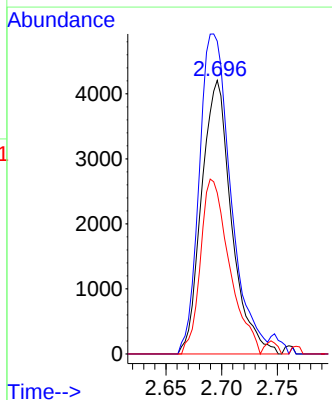
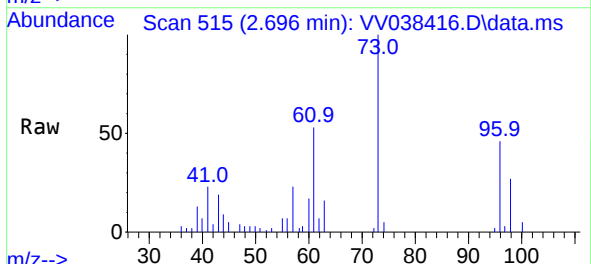
Manual Integrations
APPROVED

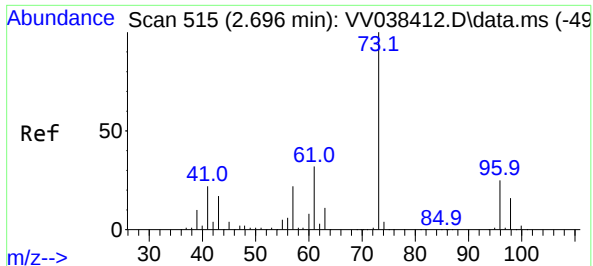
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#17
trans-1,2-Dichloroethene
Concen: 2.122 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.013 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

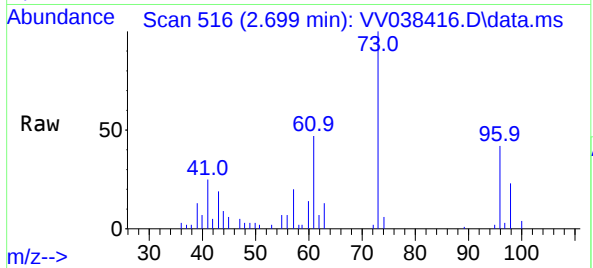
Tgt Ion: 96 Resp: 7870
Ion Ratio Lower Upper
96 100
61 114.4 95.7 177.7
98 58.9 46.4 86.2





#18
Methyl tert-butyl Ether
Concen: 1.906 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

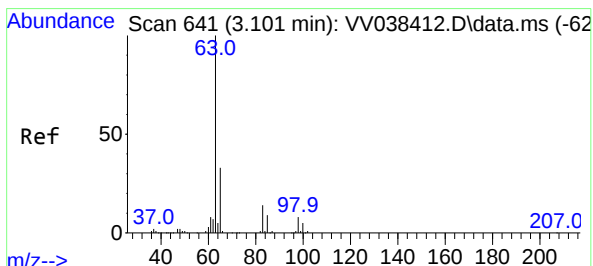
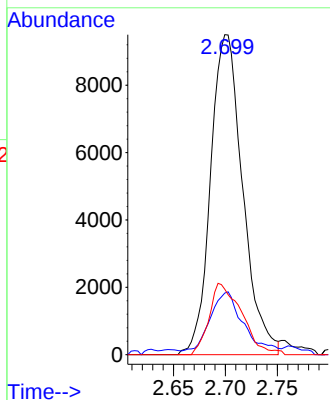
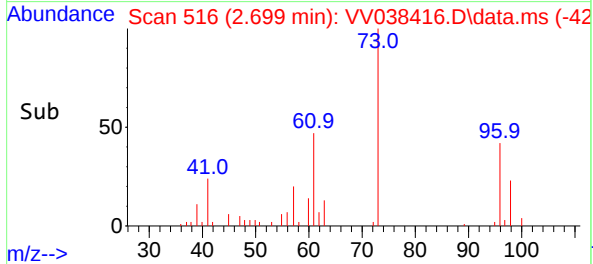
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 73 Resp: 20424
Ion Ratio Lower Upper
73 100
43 19.1 14.7 22.1
57 22.3 17.7 26.5

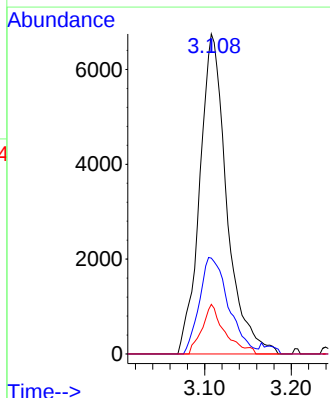
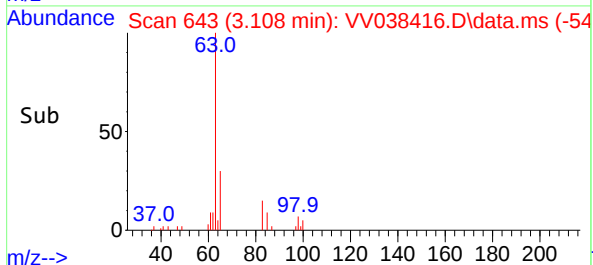
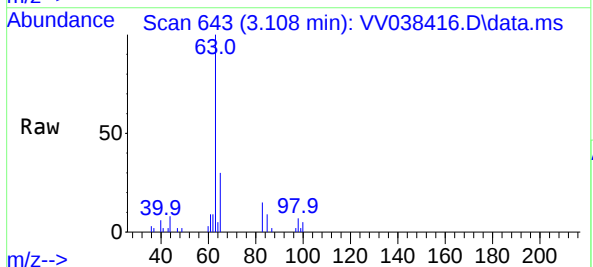
Manual Integrations
APPROVED

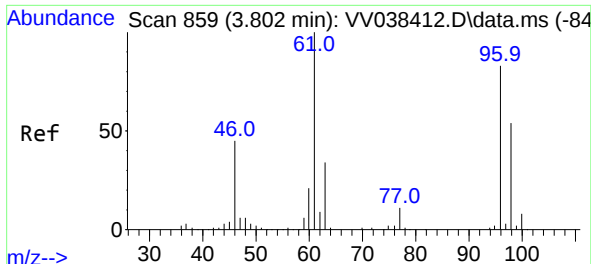
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#19
1,1-Dichloroethane
Concen: 2.153 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

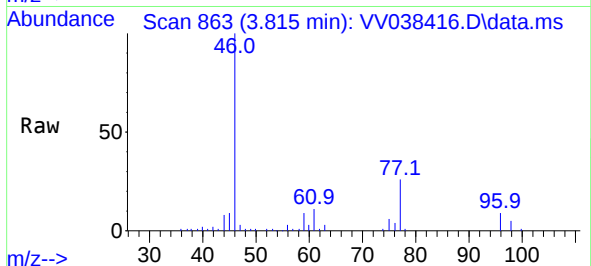
Tgt Ion: 63 Resp: 14649
Ion Ratio Lower Upper
63 100
65 29.9 22.6 42.0
83 15.5 9.8 18.2





#20
cis-1,2-Dichloroethene
Concen: 2.122 ug/L
RT: 3.815 min Scan# 801
Delta R.T. 0.013 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

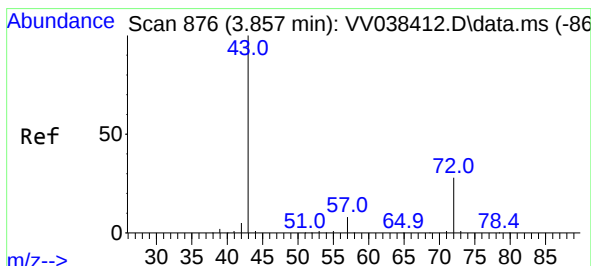
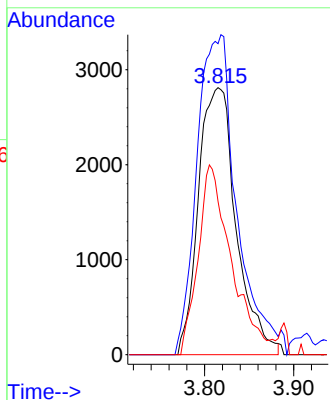
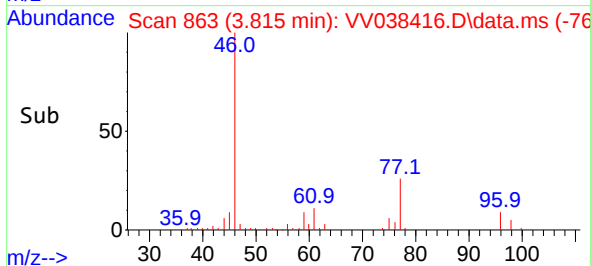
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 96 Resp: 827
Ion Ratio Lower Upper
96 100
61 116.5 83.5 155.1
98 57.4 44.6 82.8

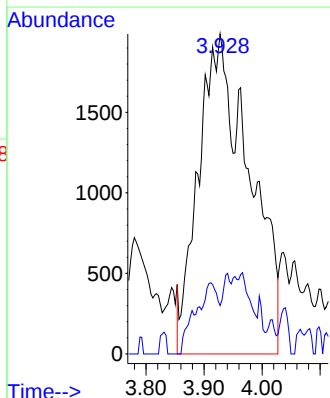
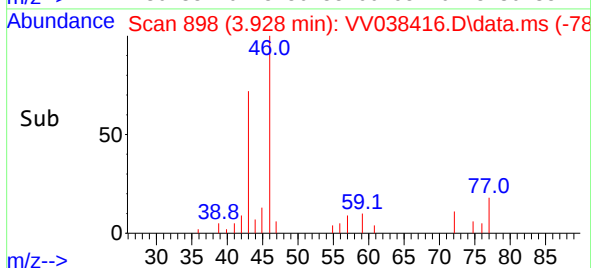
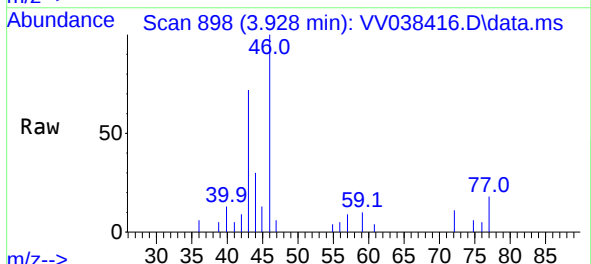
Manual Integrations
APPROVED

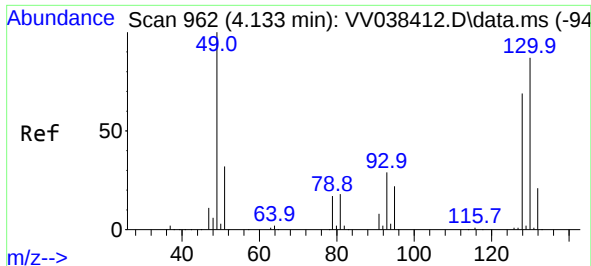
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#22
2-Butanone
Concen: 4.800 ug/L m
RT: 3.928 min Scan# 898
Delta R.T. 0.071 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

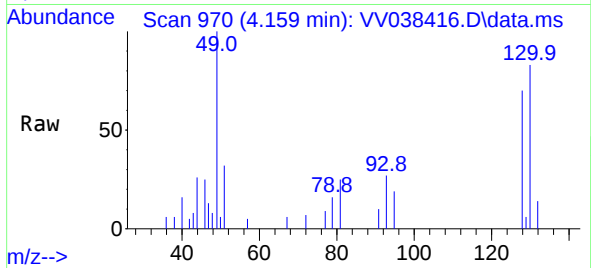
Tgt Ion: 43 Resp: 12108
Ion Ratio Lower Upper
43 100
72 0.8 12.5 37.5#





#23
Bromochloromethane
Concen: 2.140 ug/L
RT: 4.159 min Scan# 91
Delta R.T. 0.026 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

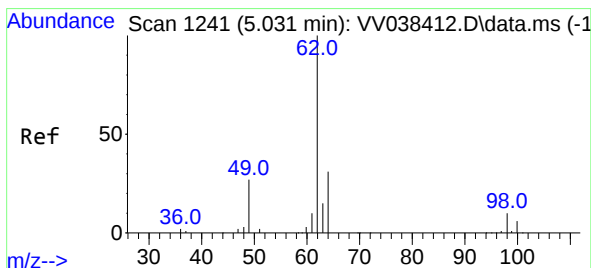
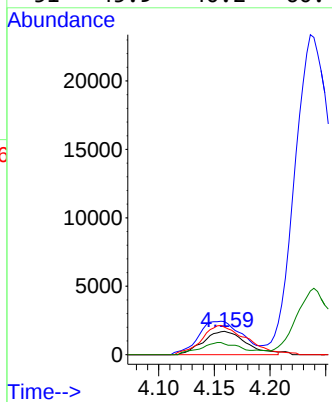
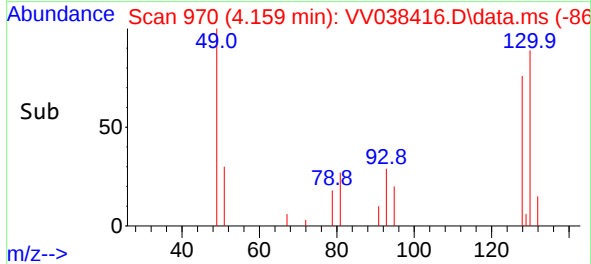
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:128 Resp: 4539
Ion Ratio Lower Upper
128 100
49 142.0 106.7 198.3
130 118.2 93.2 173.2
51 45.9 40.2 60.4

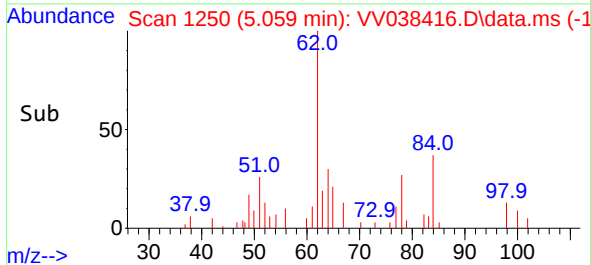
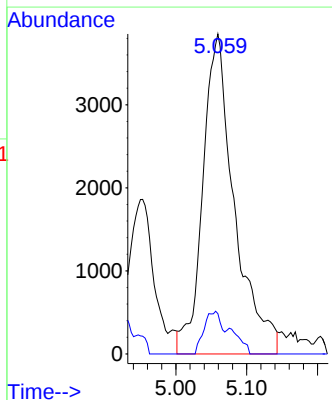
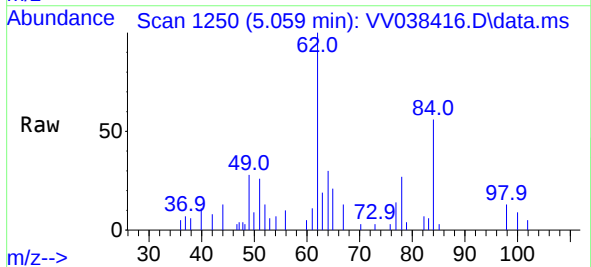
Manual Integrations
APPROVED

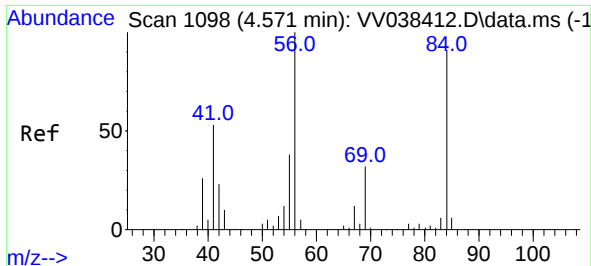
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#27
1,2-Dichloroethane
Concen: 2.307 ug/L m
RT: 5.059 min Scan# 1250
Delta R.T. 0.029 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

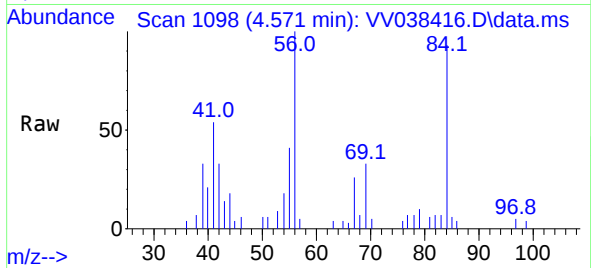
Tgt Ion: 62 Resp: 11951
Ion Ratio Lower Upper
62 100
98 12.6 7.5 11.3#





#29
Cyclohexane
Concen: 1.651 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

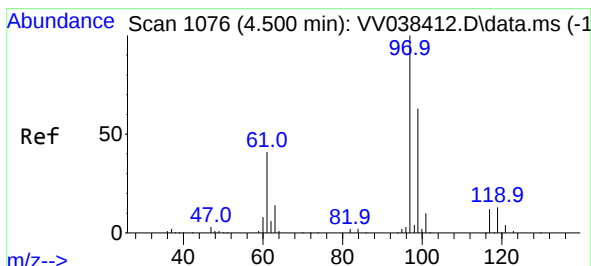
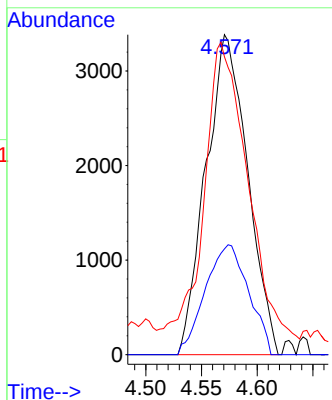
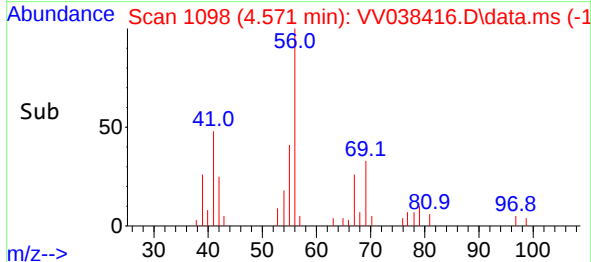
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



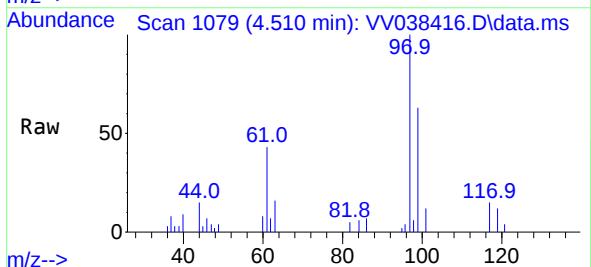
Tgt Ion: 56 Resp: 882
Ion Ratio Lower Upper
56 100
69 35.6 24.8 37.2
84 94.4 73.7 110.5

Manual Integrations
APPROVED

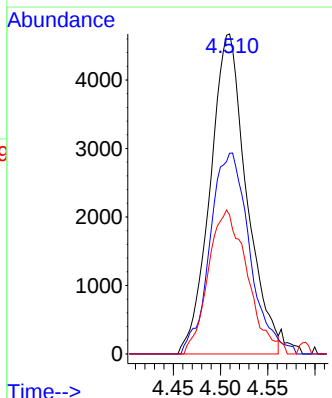
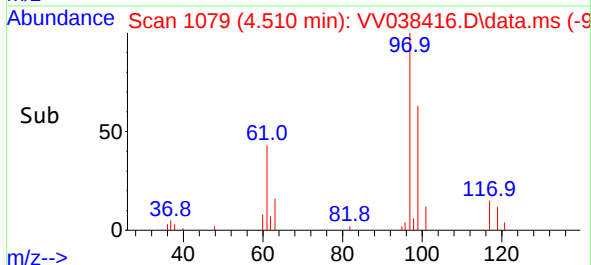
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

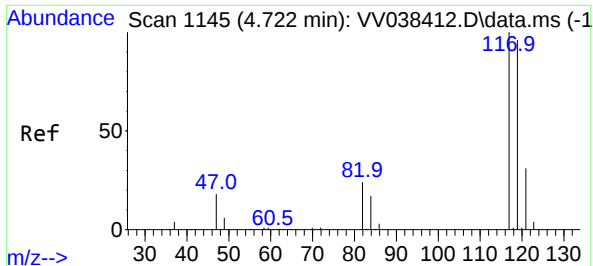


#30
1,1,1-Trichloroethane
Concen: 1.985 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26



Tgt Ion: 97 Resp: 12479
Ion Ratio Lower Upper
97 100
99 68.4 52.3 78.5
61 47.6 33.6 50.4





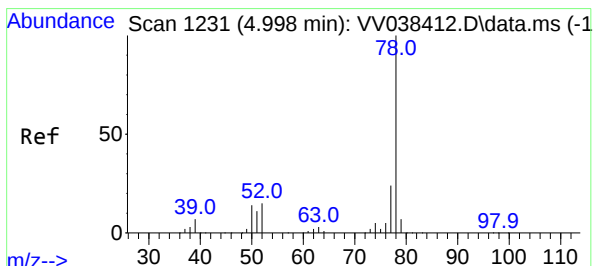
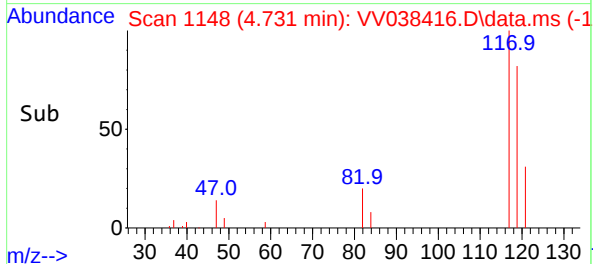
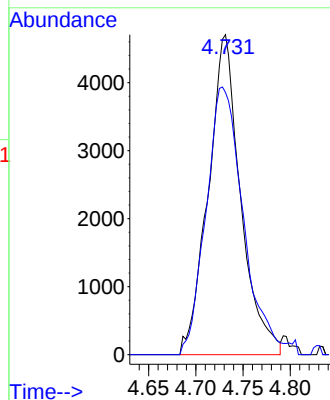
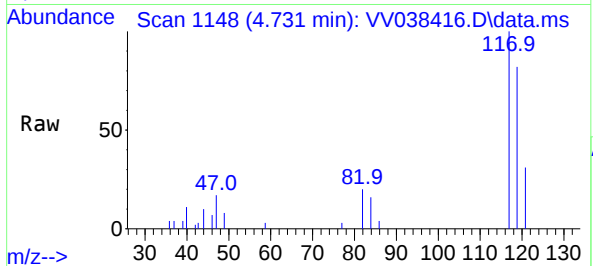
#31
Carbon tetrachloride
Concen: 2.021 ug/L
RT: 4.731 min Scan# 1116
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:117 Resp: 1116
Ion Ratio Lower Upper
117 100
119 96.0 77.7 116.5

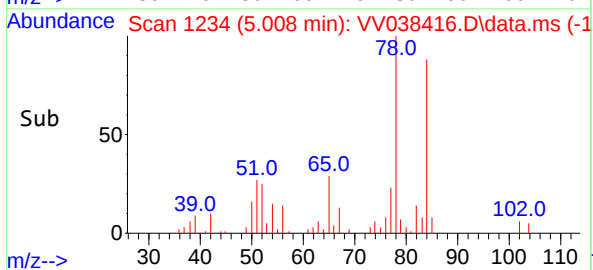
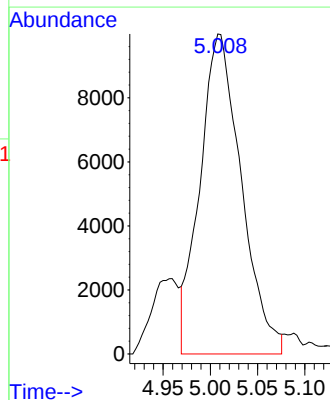
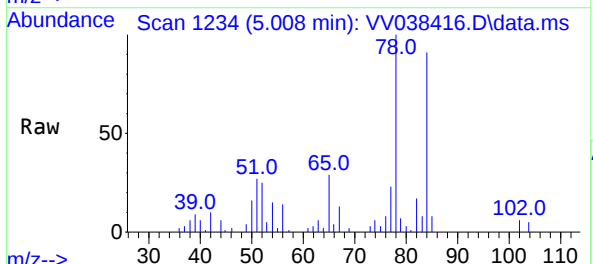
Manual Integrations
APPROVED

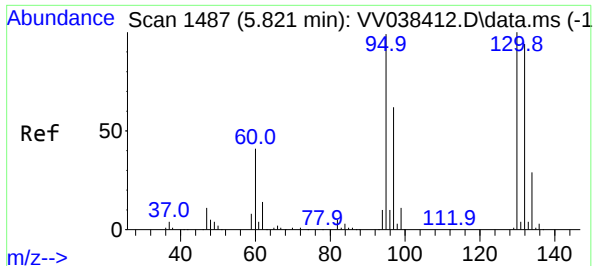
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#33
Benzene
Concen: 2.023 ug/L m
RT: 5.008 min Scan# 1234
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

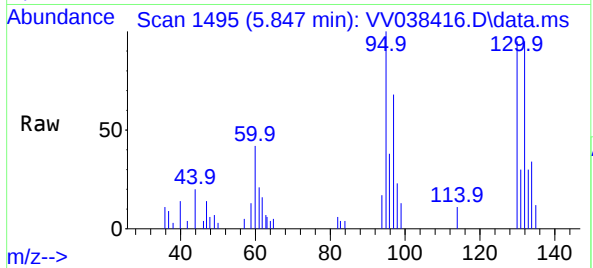
Tgt Ion: 78 Resp: 30380





#34
Trichloroethene
Concen: 2.073 ug/L m
RT: 5.847 min Scan# 1487
Delta R.T. 0.026 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

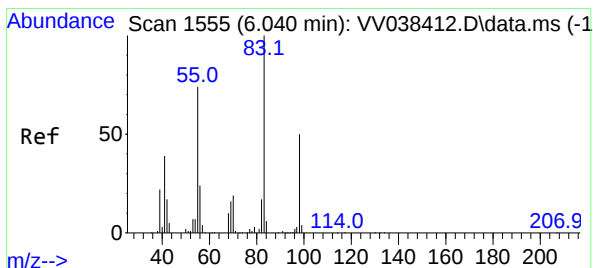
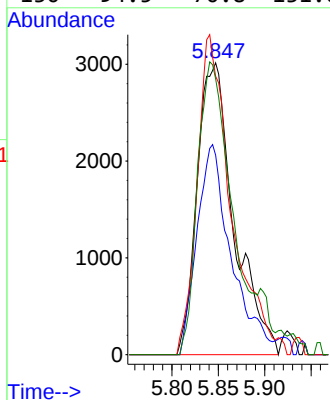
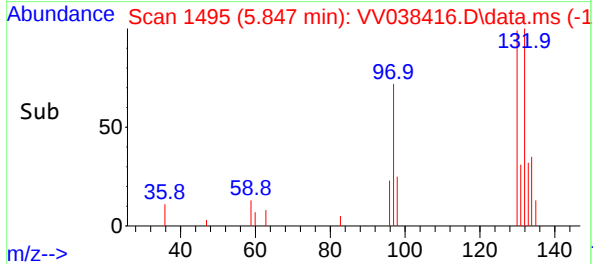
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



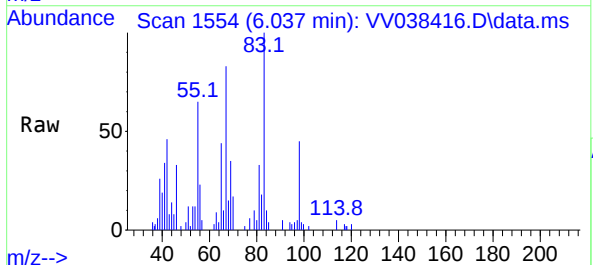
Tgt Ion: 95 Resp: 8314
Ion Ratio Lower Upper
95 100
97 68.4 45.6 84.8
132 95.4 67.6 125.6
130 94.5 70.8 131.6

Manual Integrations
APPROVED

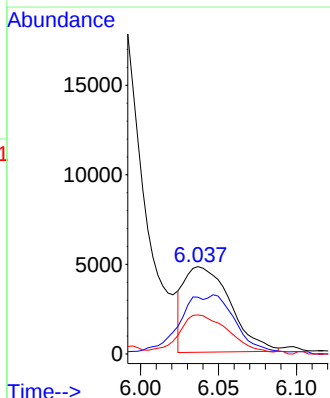
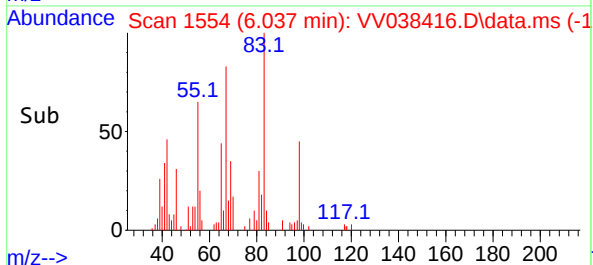
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

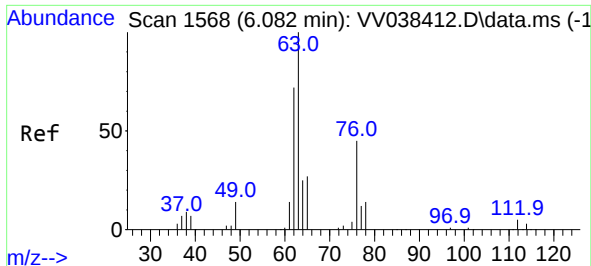


#35
Methylcyclohexane
Concen: 1.704 ug/L
RT: 6.037 min Scan# 1554
Delta R.T. -0.003 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26



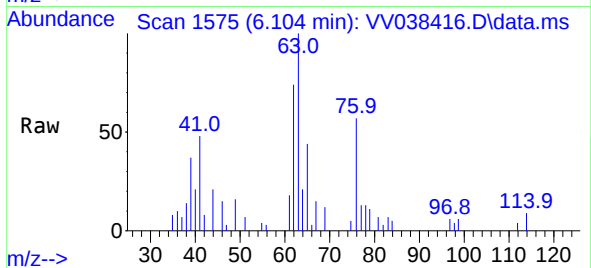
Tgt Ion: 83 Resp: 9816
Ion Ratio Lower Upper
83 100
55 40.1 59.0 88.6#
98 50.4 39.5 59.3





#37
1,2-Dichloropropane
Concen: 2.146 ug/L m
RT: 6.104 min Scan# 1
Delta R.T. 0.022 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

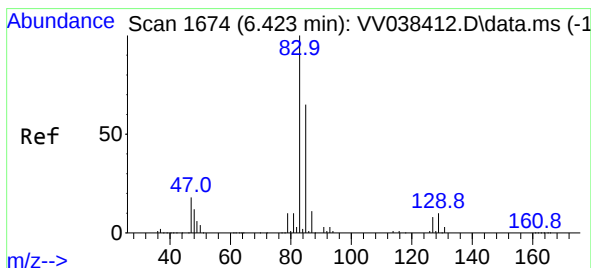
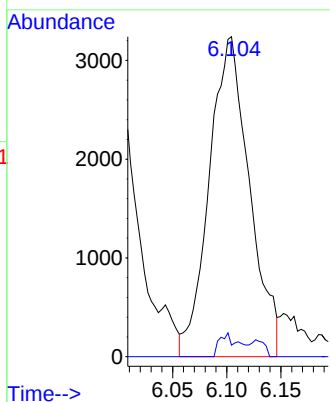
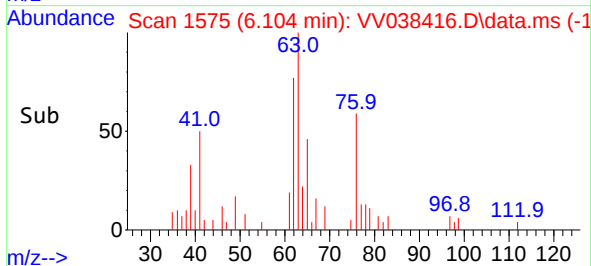
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



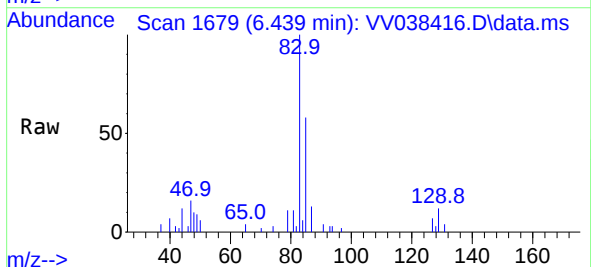
Tgt Ion: 63 Resp: 8370
Ion Ratio Lower Upper
63 100
112 1.2 3.8 5.6

Manual Integrations
APPROVED

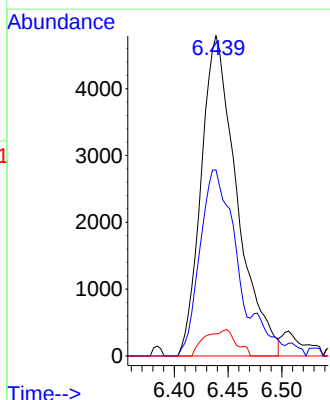
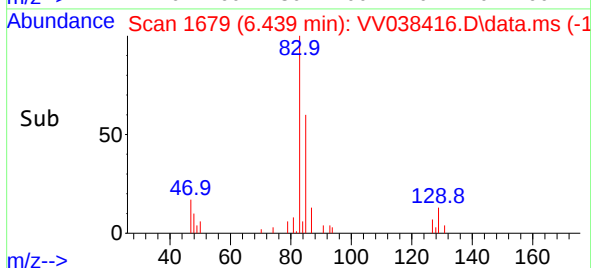
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

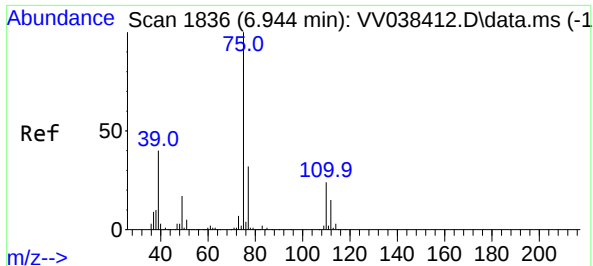


#38
Bromodichloromethane
Concen: 2.043 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.016 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26



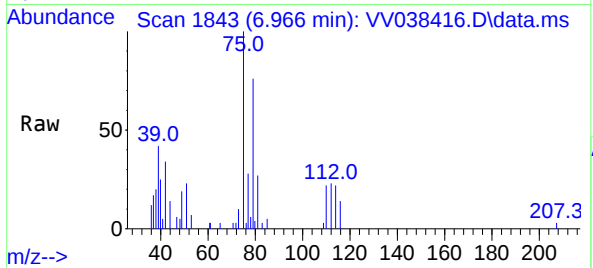
Tgt Ion: 83 Resp: 11072
Ion Ratio Lower Upper
83 100
85 58.2 44.9 83.5
127 6.9 6.8 10.2





#39
cis-1,3-Dichloropropene
Concen: 1.977 ug/L m
RT: 6.966 min Scan# 11978
Delta R.T. 0.022 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

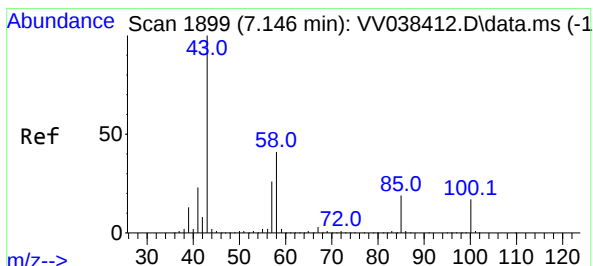
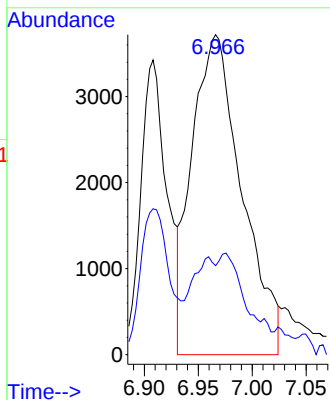
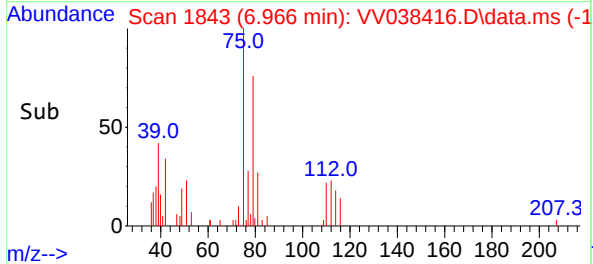
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 75 Resp: 11978
Ion Ratio Lower Upper
75 100
77 27.8 21.9 40.7

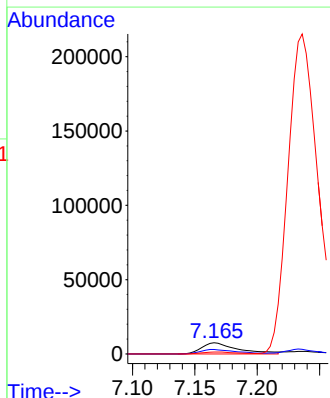
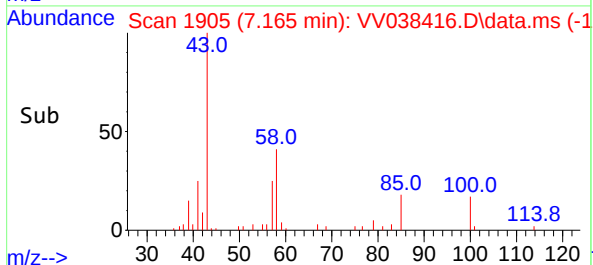
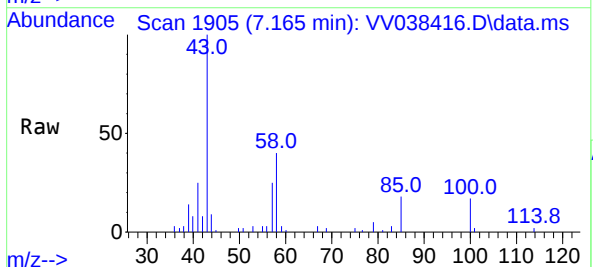
Manual Integrations
APPROVED

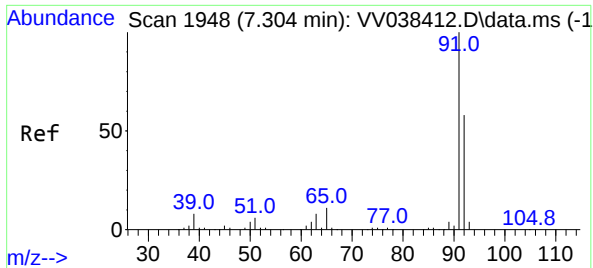
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#40
4-Methyl-2-pentanone
Concen: 3.458 ug/L
RT: 7.165 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion: 43 Resp: 15110
Ion Ratio Lower Upper
43 100
58 39.5 32.7 49.1
100 16.9 13.7 20.5





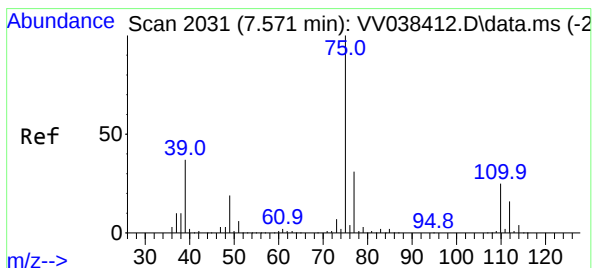
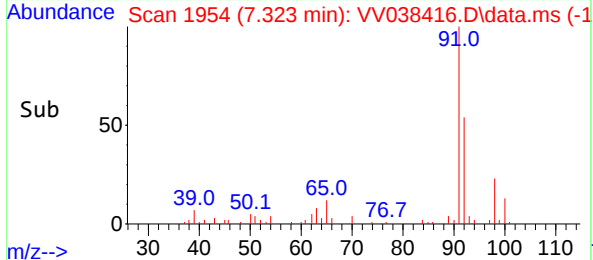
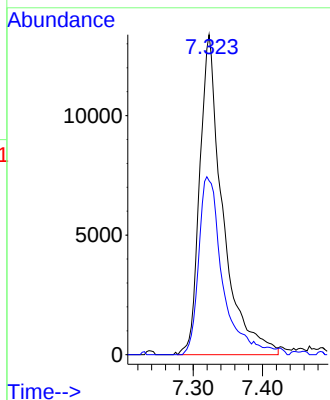
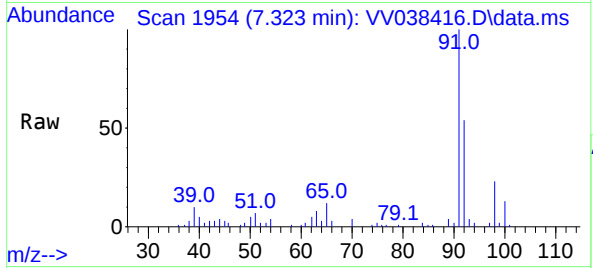
#42
Toluene
Concen: 1.976 ug/L
RT: 7.323 min Scan# 1948
Delta R.T. 0.019 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 91 Resp: 3082
Ion Ratio Lower Upper
91 100
92 54.4 41.2 76.4

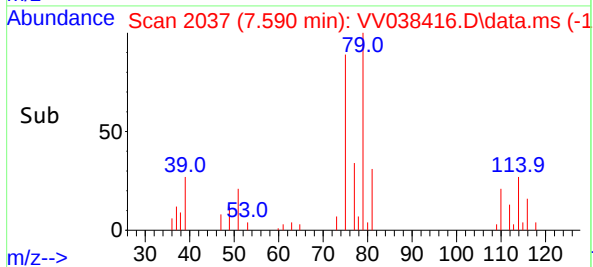
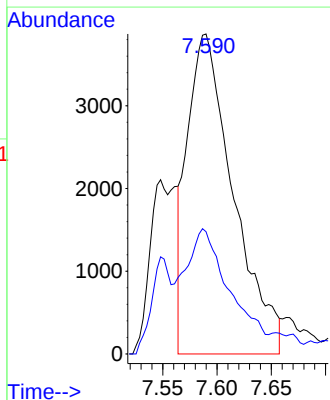
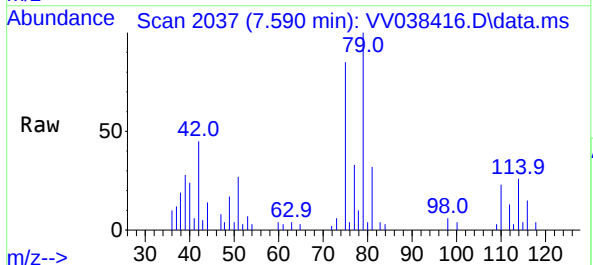
Manual Integrations
APPROVED

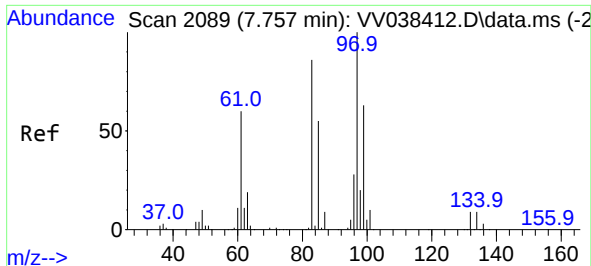
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#44
trans-1,3-Dichloropropene
Concen: 1.948 ug/L m
RT: 7.590 min Scan# 2037
Delta R.T. 0.019 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

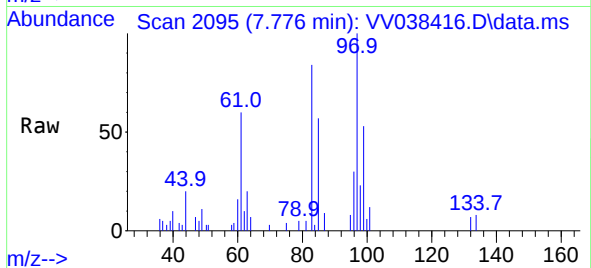
Tgt Ion: 75 Resp: 11401
Ion Ratio Lower Upper
75 100
77 38.2 22.7 42.1





#45
1,1,2-Trichloroethane
Concen: 2.064 ug/L
RT: 7.776 min Scan# 2089
Delta R.T. 0.019 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

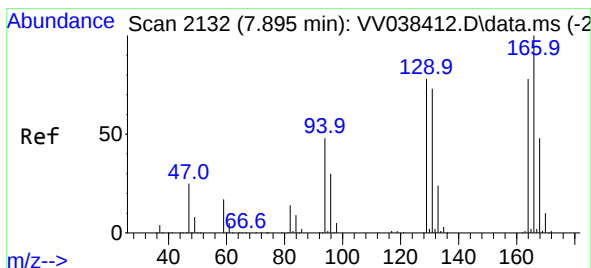
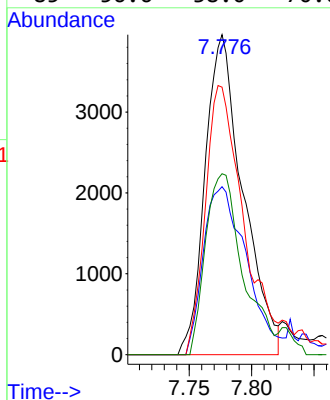
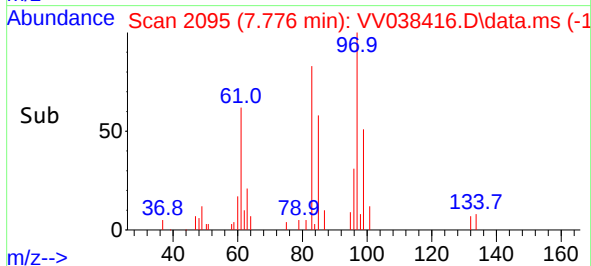


Tgt Ion: 97 Resp: 836

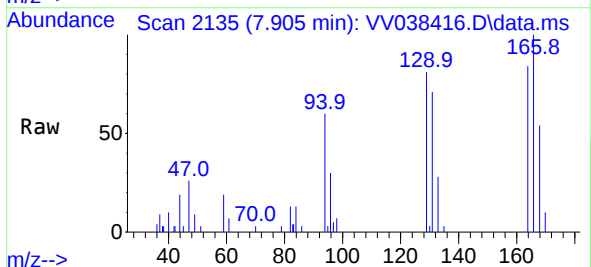
Ion	Ratio	Lower	Upper
97	100		
99	52.5	43.6	81.0
83	83.6	60.5	112.5
85	56.6	38.0	70.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

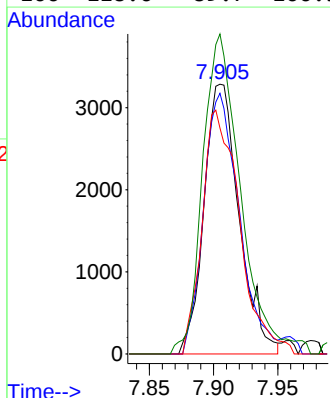
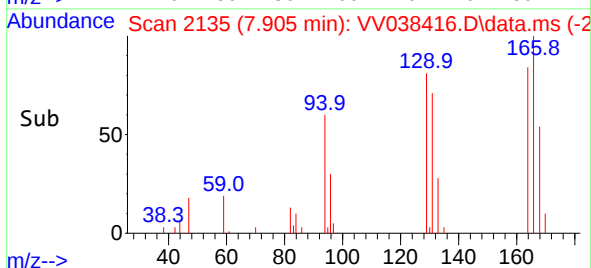


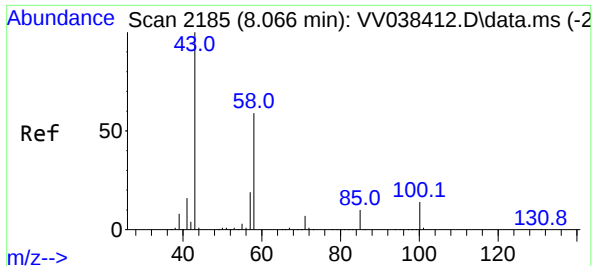
#46
Tetrachloroethene
Concen: 2.022 ug/L m
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26



Tgt Ion:164 Resp: 6262

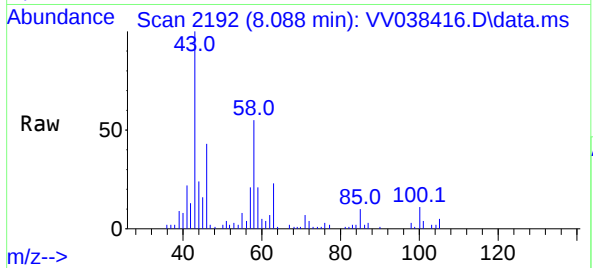
Ion	Ratio	Lower	Upper
164	100		
129	96.6	69.2	128.4
131	83.8	63.1	117.3
166	118.6	89.7	166.5





#48
2-Hexanone
Concen: 8.685 ug/L m
RT: 8.088 min Scan# 2185
Delta R.T. 0.022 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

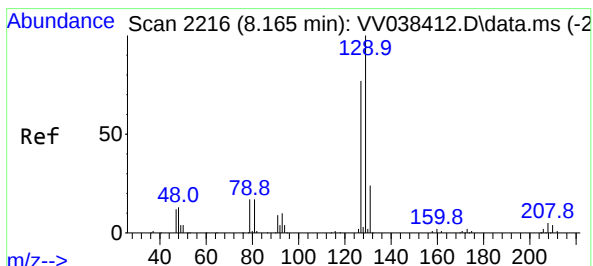
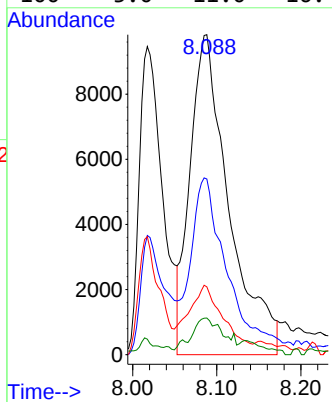
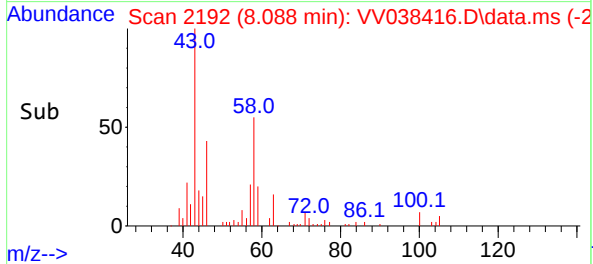
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 43 Resp: 3166
Ion Ratio Lower Upper
43 100
58 37.3 48.0 72.0
57 17.8 15.5 23.3
100 3.0 11.0 16.4

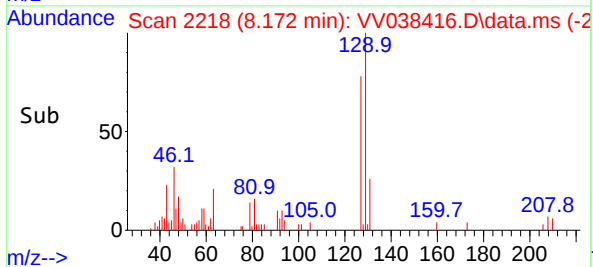
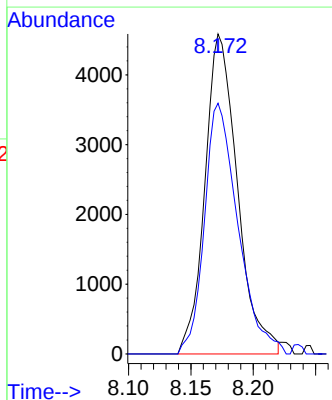
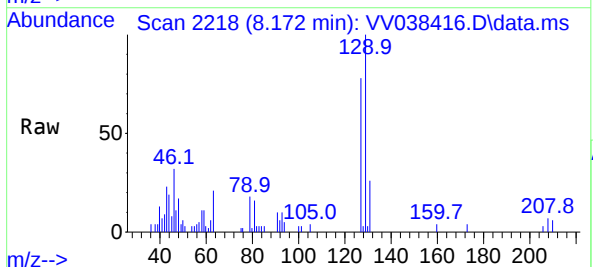
Manual Integrations
APPROVED

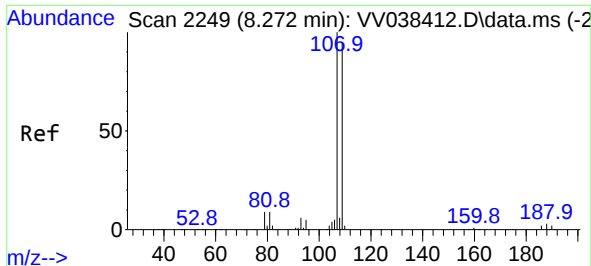
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#49
Dibromochloromethane
Concen: 1.994 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion:129 Resp: 8330
Ion Ratio Lower Upper
129 100
127 78.3 53.8 100.0





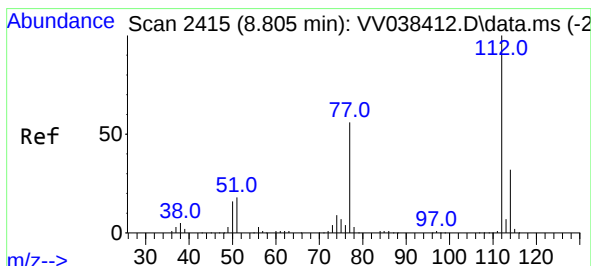
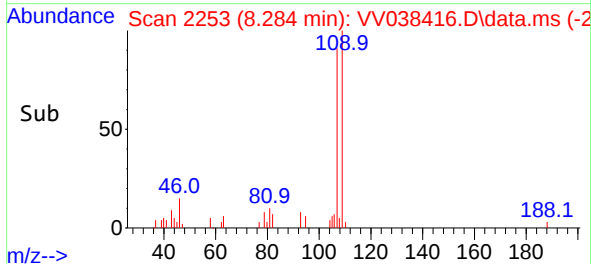
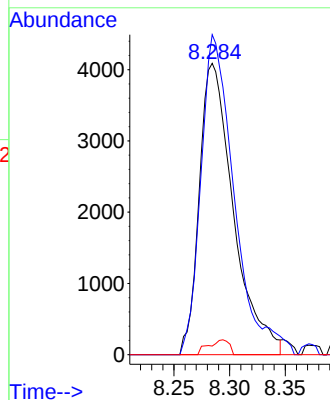
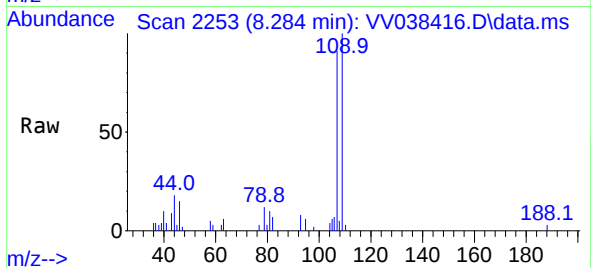
#50
1,2-Dibromoethane
Concen: 2.045 ug/L
RT: 8.284 min Scan# 2117
Delta R.T. 0.013 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:107 Resp: 8730
Ion Ratio Lower Upper
107 100
109 109.8 66.1 122.7
188 3.0 2.6 3.8

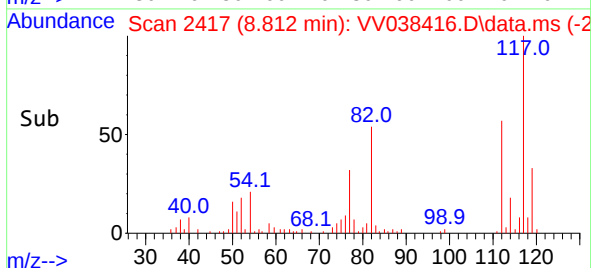
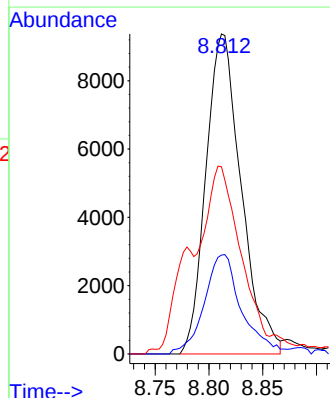
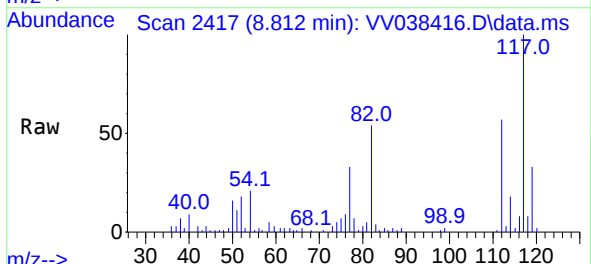
Manual Integrations
APPROVED

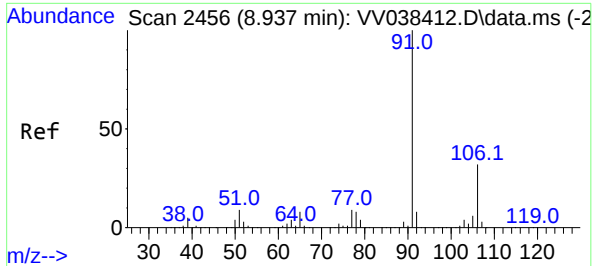
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#51
Chlorobenzene
Concen: 1.999 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion:112 Resp: 21429
Ion Ratio Lower Upper
112 100
114 30.9 21.9 40.7
77 58.5 45.4 68.0





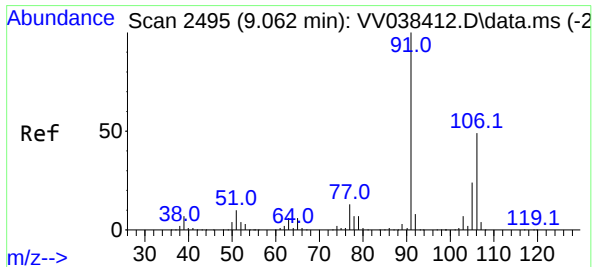
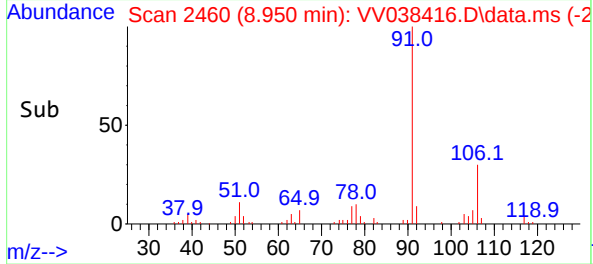
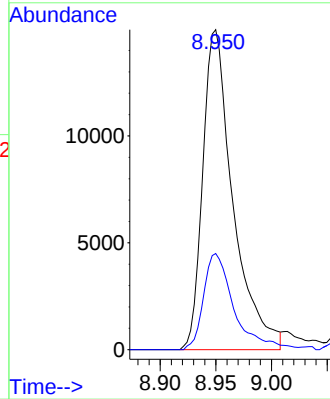
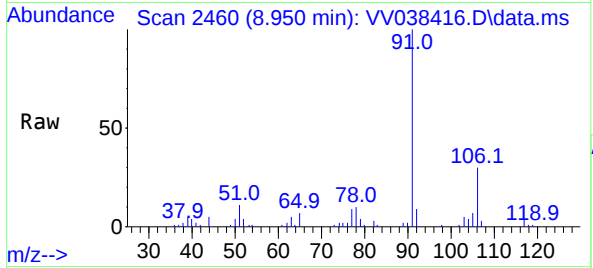
#52
Ethylbenzene
Concen: 1.691 ug/L
RT: 8.950 min Scan# 2456
Delta R.T. 0.013 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 91 Resp: 2829
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.0

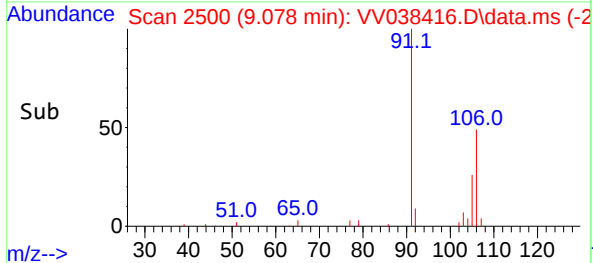
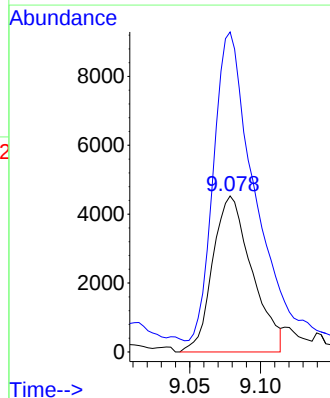
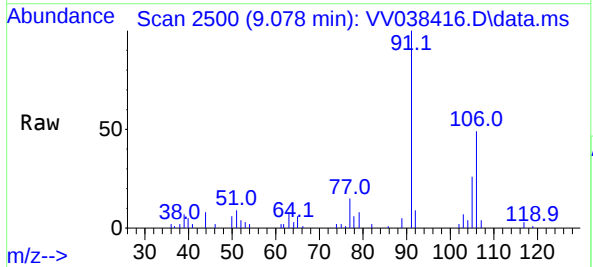
Manual Integrations
APPROVED

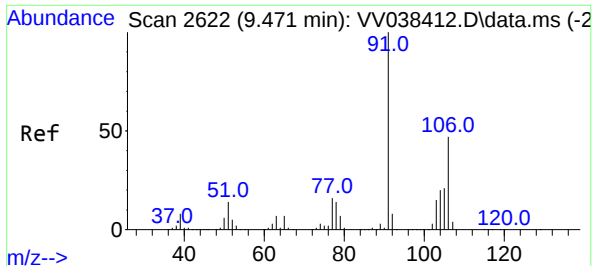
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#53
m,p-Xylene
Concen: 1.378 ug/L
RT: 9.078 min Scan# 2500
Delta R.T. 0.016 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion:106 Resp: 8738
Ion Ratio Lower Upper
106 100
91 205.2 142.6 264.8





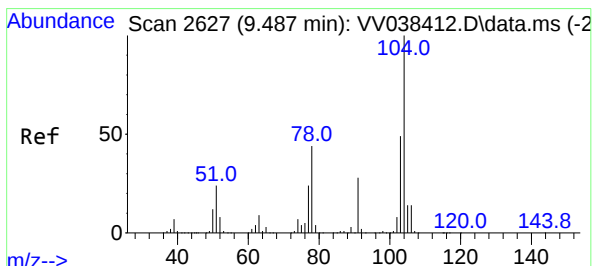
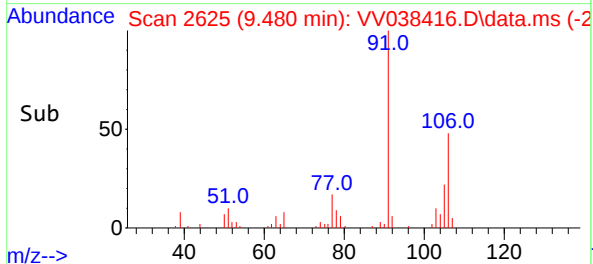
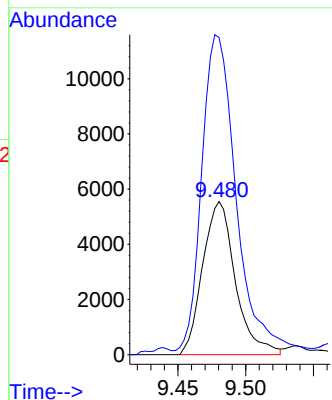
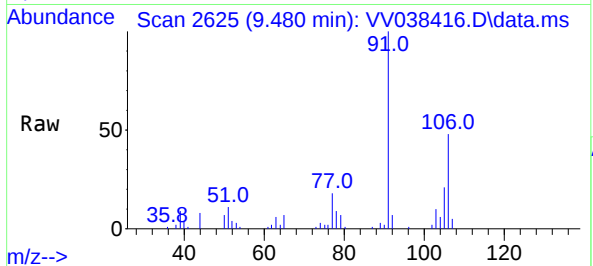
#54
o-Xylene
Concen: 1.528 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:106 Resp: 932
Ion Ratio Lower Upper
106 100
91 207.1 151.1 280.7

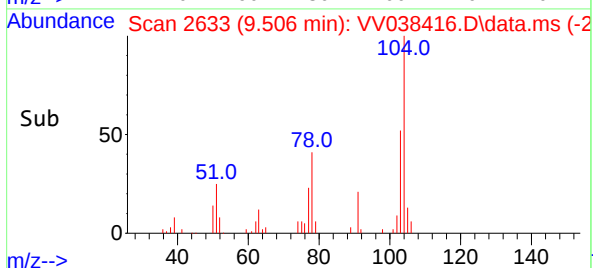
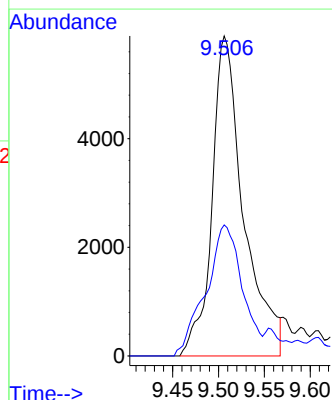
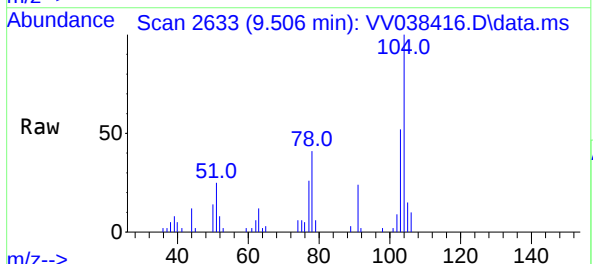
Manual Integrations
APPROVED

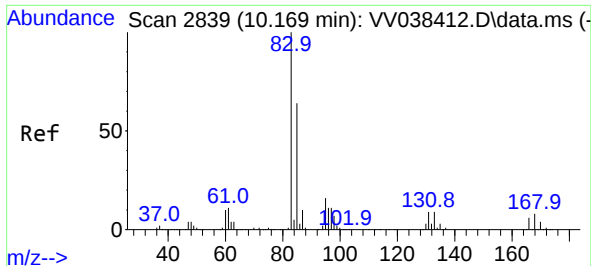
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#55
Styrene
Concen: 1.318 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.019 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

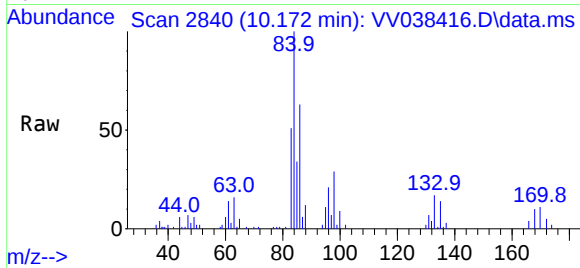
Tgt Ion:104 Resp: 14121
Ion Ratio Lower Upper
104 100
78 40.9 29.7 55.1





#57
1,1,2,2-Tetrachloroethane
Concen: 2.403 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

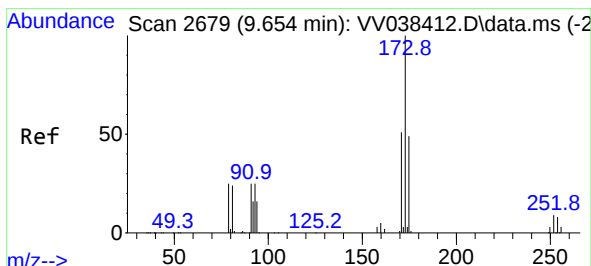
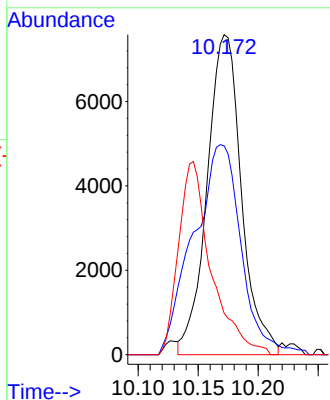
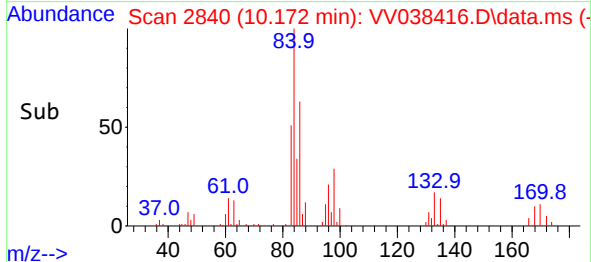
Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



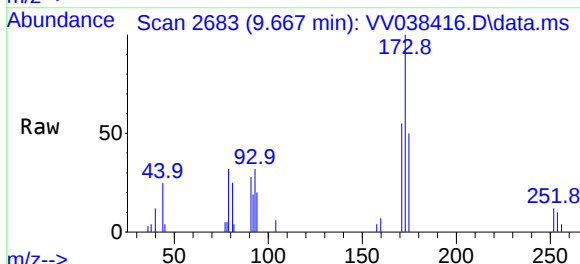
Tgt Ion: 83 Resp: 15120
Ion Ratio Lower Upper
83 100
85 65.3 44.7 82.9
131 13.0 8.0 12.0

Manual Integrations
APPROVED

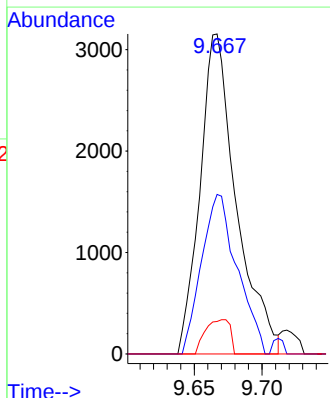
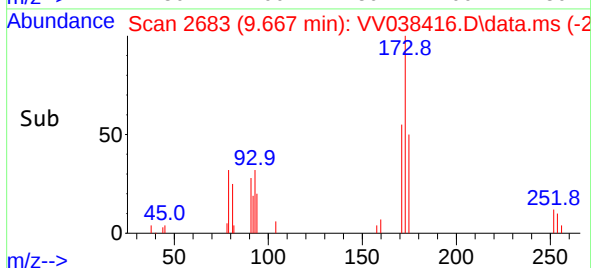
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

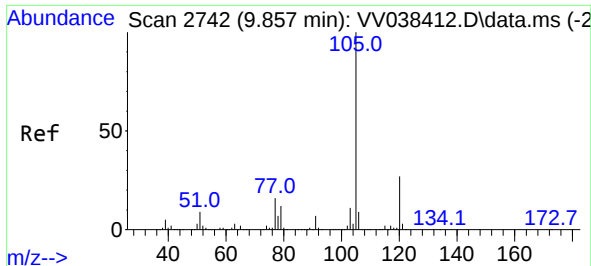


#59
Bromoform
Concen: 2.500 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.013 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26



Tgt Ion:173 Resp: 5863
Ion Ratio Lower Upper
173 100
175 49.1 38.8 58.2
254 7.3 6.9 10.3





#60
Isopropylbenzene
Concen: 1.759 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

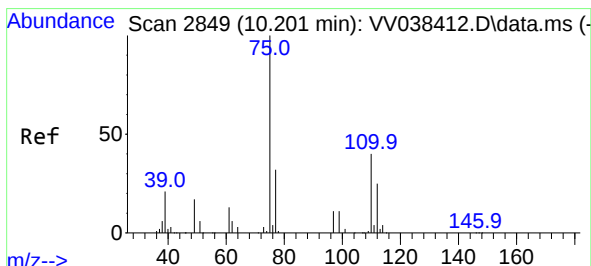
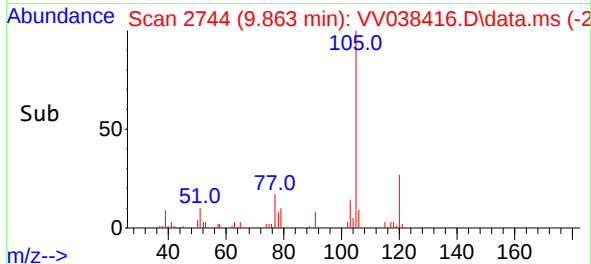
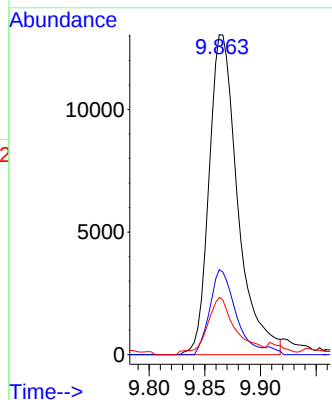
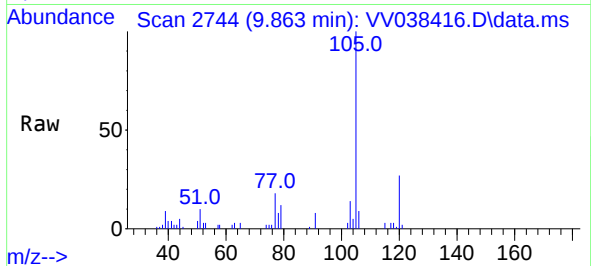
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:105 Resp: 23458

Ion	Ratio	Lower	Upper
105	100		
120	23.7	21.0	31.4
77	14.5	12.2	18.4

Manual Integrations
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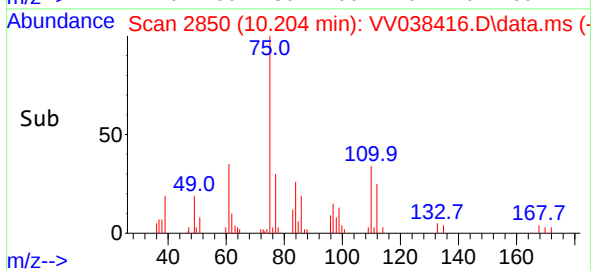
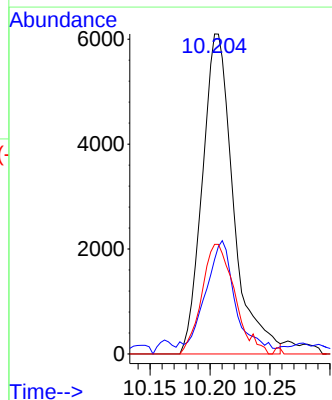
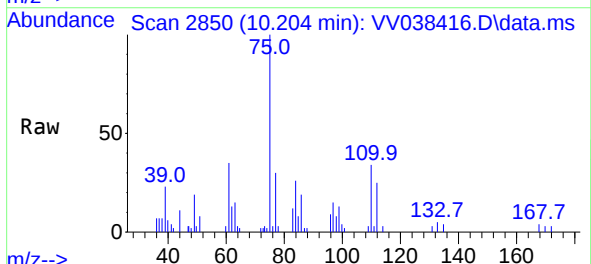
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

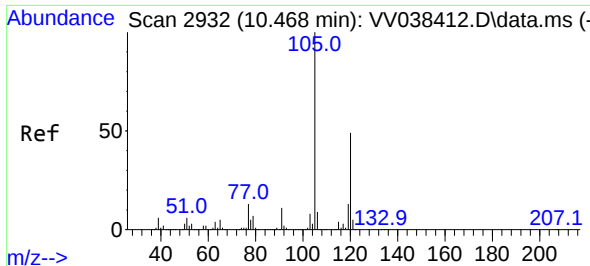


#61
1,2,3-Trichloropropane
Concen: 2.886 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion: 75 Resp: 10959

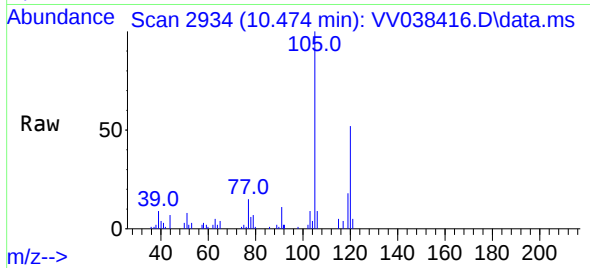
Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.8	38.6
110	34.9	32.2	48.4





#62
1,3,5-Trimethylbenzene
Concen: 1.667 ug/L
RT: 10.474 min Scan# 2932
Delta R.T. 0.006 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

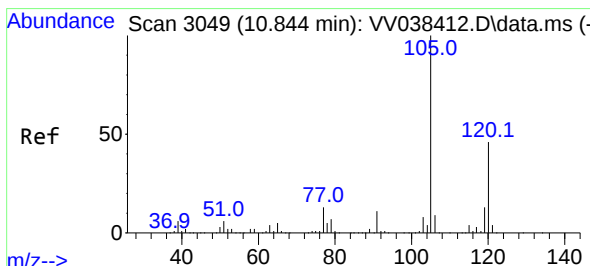
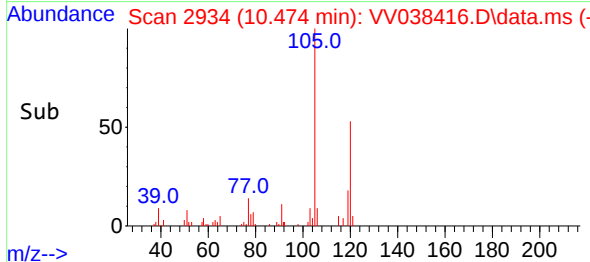
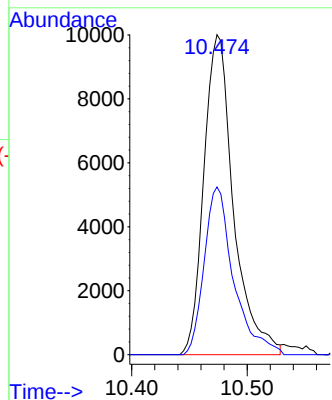
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:105 Resp: 17839
Ion Ratio Lower Upper
105 100
120 52.0 39.1 58.7

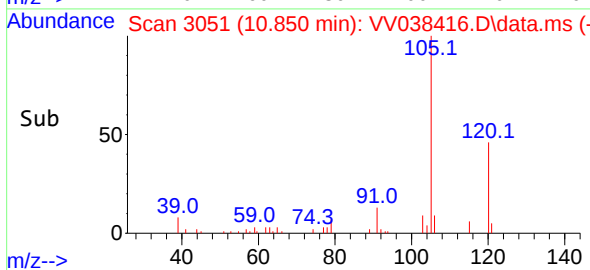
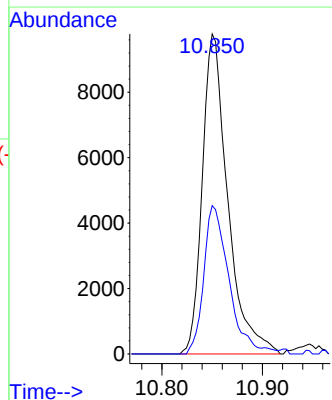
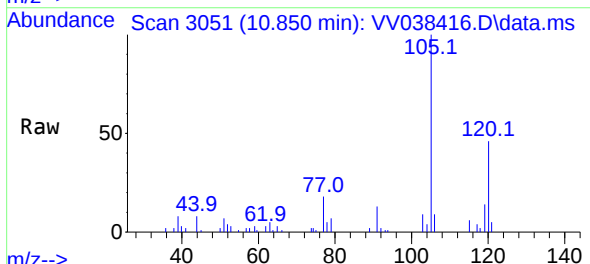
Manual Integrations
APPROVED

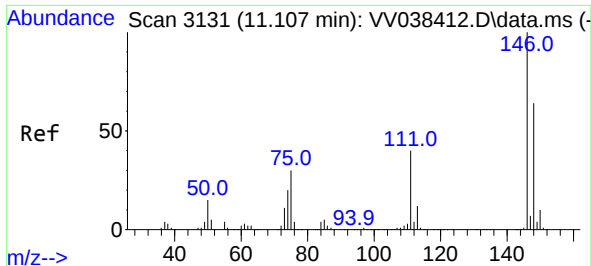
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#63
1,2,4-Trimethylbenzene
Concen: 1.633 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

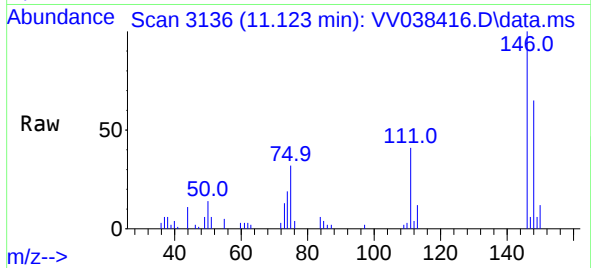
Tgt Ion:105 Resp: 17177
Ion Ratio Lower Upper
105 100
120 45.0 36.6 55.0





#64
1,3-Dichlorobenzene
Concen: 2.113 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.016 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

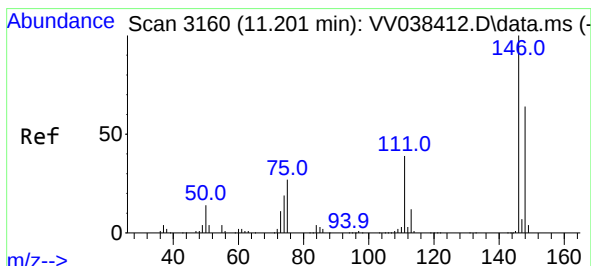
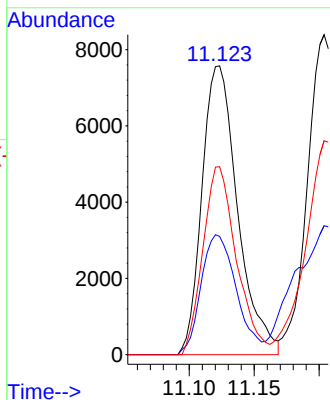
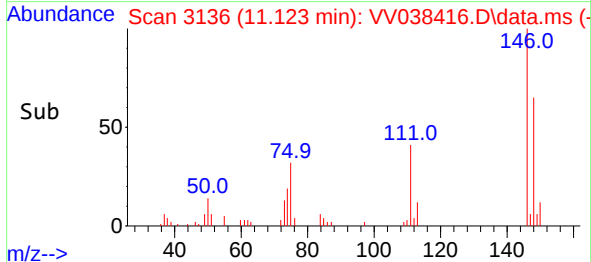
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



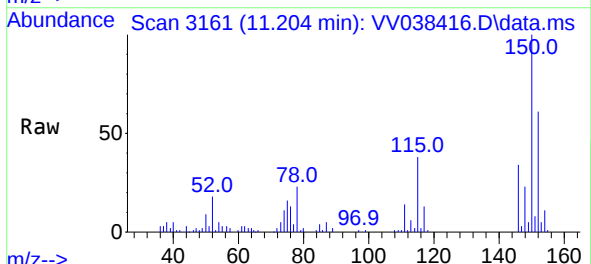
Tgt Ion:146 Resp: 14470
Ion Ratio Lower Upper
146 100
111 41.0 27.8 51.6
148 65.1 45.1 83.7

Manual Integrations
APPROVED

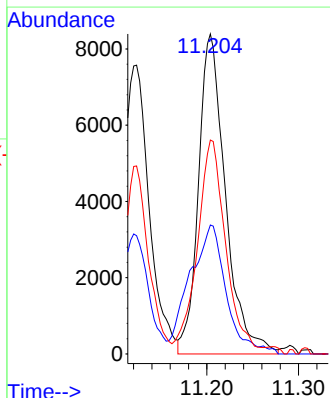
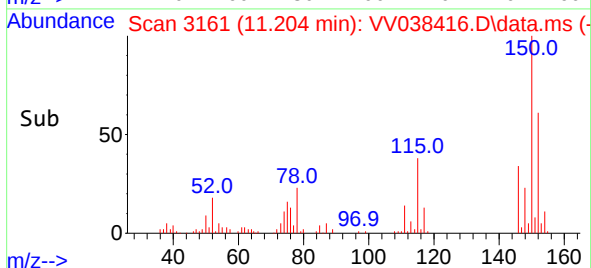
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

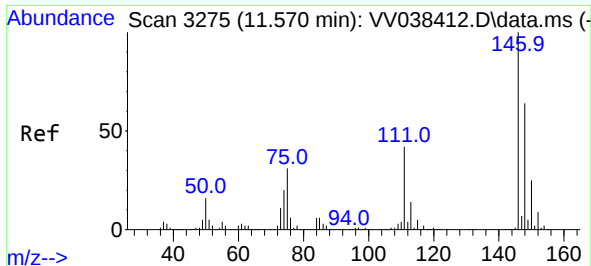


#65
1,4-Dichlorobenzene
Concen: 2.358 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26



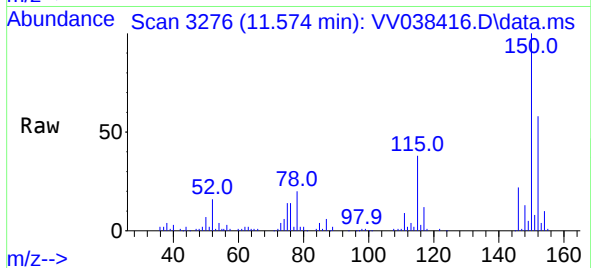
Tgt Ion:146 Resp: 17162
Ion Ratio Lower Upper
146 100
111 40.3 27.6 51.4
148 66.8 44.9 83.3





#67
1,2-Dichlorobenzene
Concen: 2.559 ug/L
RT: 11.574 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

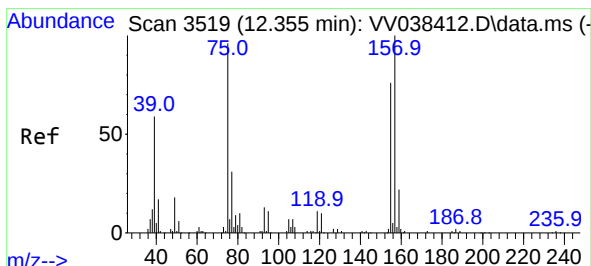
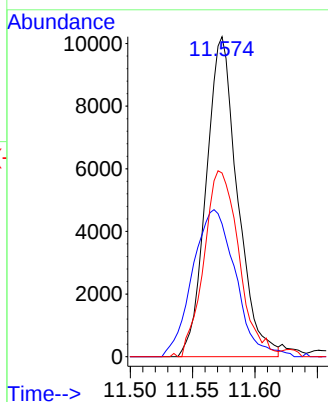
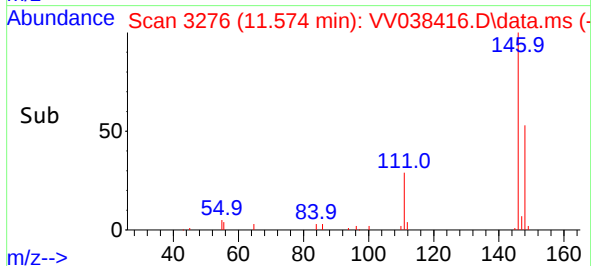
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:146 Resp: 1785
Ion Ratio Lower Upper
146 100
111 41.5 34.2 51.2
148 57.4 50.5 75.7

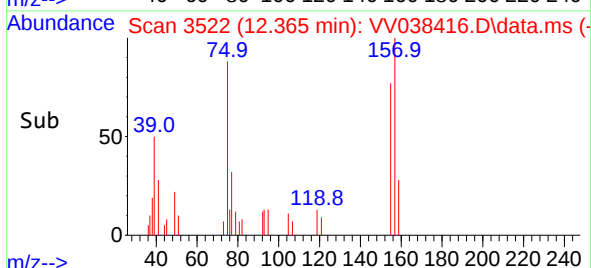
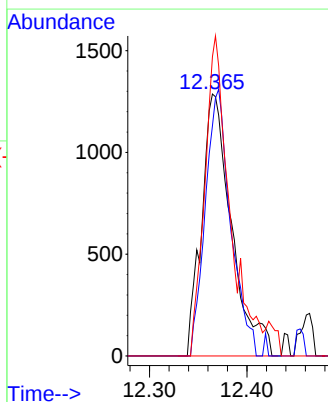
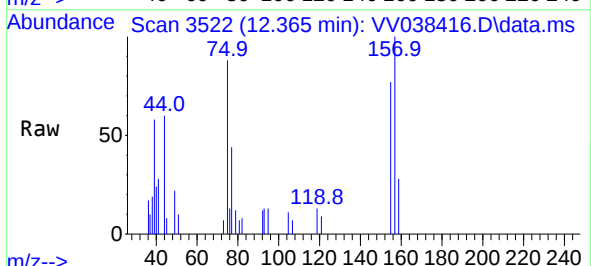
Manual Integrations
APPROVED

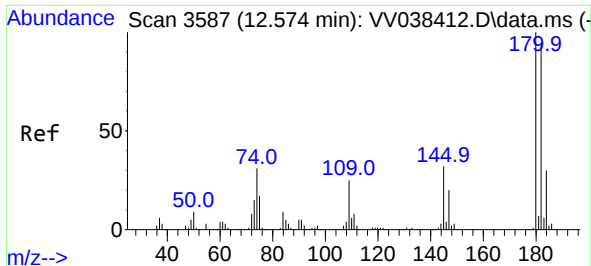
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 2.744 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

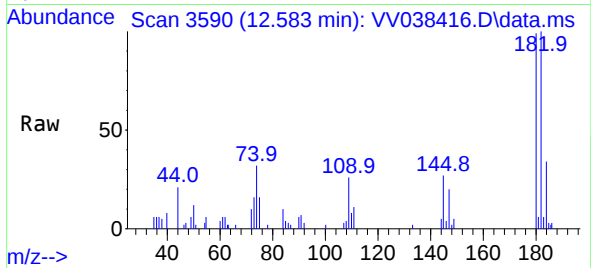
Tgt Ion: 75 Resp: 2746
Ion Ratio Lower Upper
75 100
155 87.8 66.8 100.2
157 114.2 83.4 125.2





#69
1,3,5-Trichlorobenzene
Concen: 2.042 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

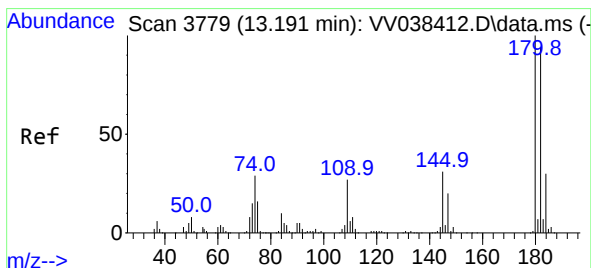
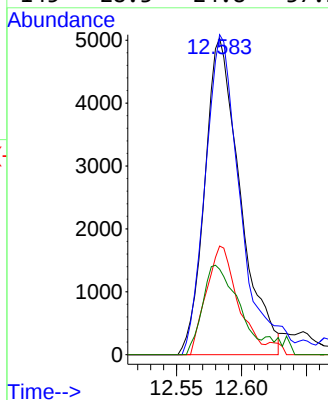
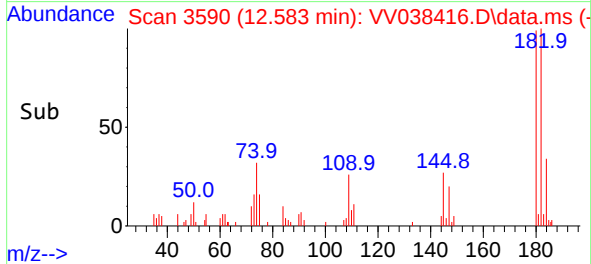
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



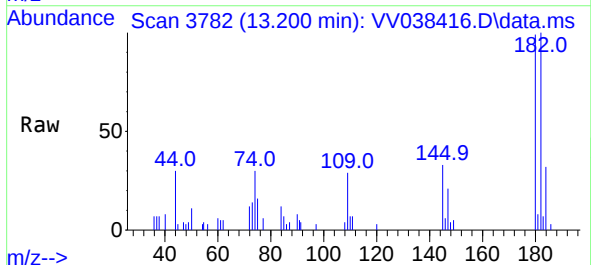
Tgt Ion:180 Resp: 953
Ion Ratio Lower Upper
180 100
182 97.6 76.2 114.4
184 30.7 23.8 35.6
145 28.3 24.8 37.2

Manual Integrations
APPROVED

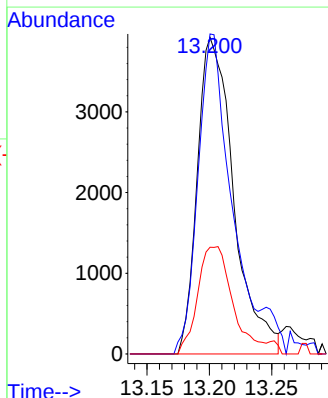
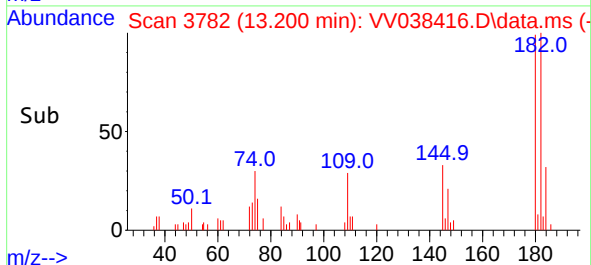
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

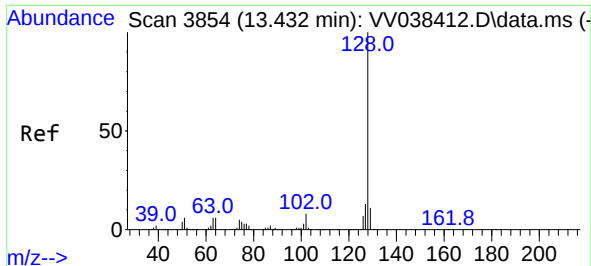


#70
1,2,4-trichlorobenzene
Concen: 2.023 ug/L
RT: 13.200 min Scan# 3782
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26



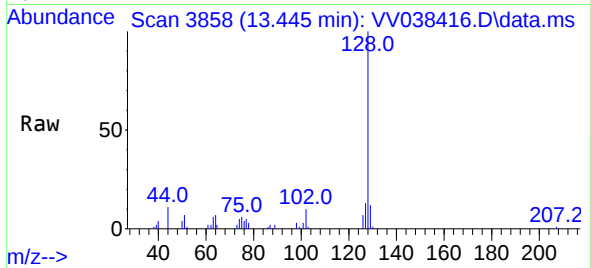
Tgt Ion:180 Resp: 7959
Ion Ratio Lower Upper
180 100
182 90.3 76.2 114.2
145 32.6 24.7 37.1





#71
Naphthalene
Concen: 2.281 ug/L
RT: 13.445 min Scan# 3911
Delta R.T. 0.013 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

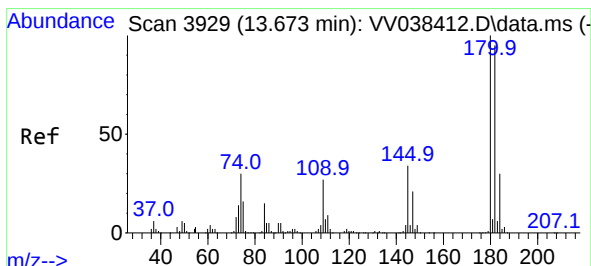
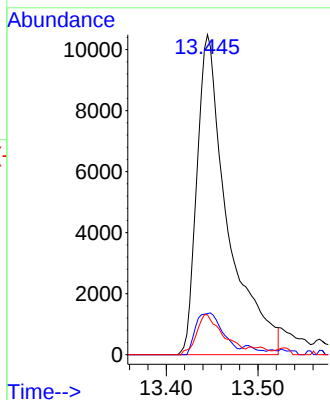
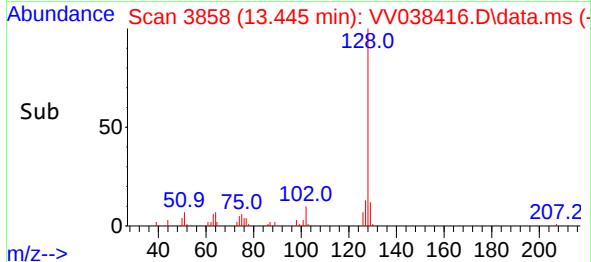
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



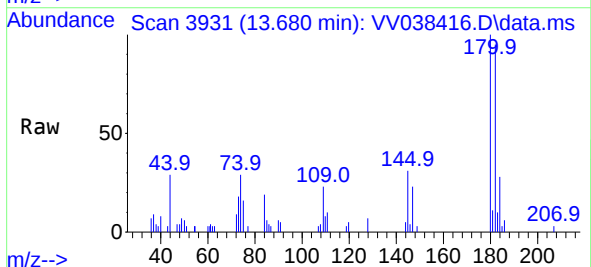
Tgt Ion:128 Resp: 24320
Ion Ratio Lower Upper
128 100
127 11.6 10.1 15.1
129 10.9 8.6 12.8

Manual Integrations
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Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#72
1,2,3-Trichlorobenzene
Concen: 2.039 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.006 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26



Tgt Ion:180 Resp: 7870
Ion Ratio Lower Upper
180 100
182 97.4 75.8 113.6
145 34.4 27.1 40.7

