

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030124\
 Data File : VW034492.D
 Acq On : 01 Mar 2024 11:25
 Operator : SY/MD
 Sample : P1601-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-MED-SOIL-QT1-2024-02

Quant Time: Mar 01 22:31:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 22:18:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024
 Supervised By :Semsettin Yesilyurt 03/05/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	299163	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	284447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	136149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	109408	42.187	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.380%		
7) Chloroethane-d5	1.532	69	88696	43.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.800%		
11) 1,1-Dichloroethene-d2	2.059	65	49606	42.294	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.580%		
21) 2-Butanone-d5	3.793	46	173205	99.869	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.870%		
24) Chloroform-d	4.249	84	202130	44.081	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.160%		
26) 1,2-Dichloroethane-d4	4.940	65	141961	47.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.760%		
32) Benzene-d6	4.960	84	384014	44.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.460%		
36) 1,2-Dichloropropane-d6	5.989	67	122531	46.770	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.540%		
41) Toluene-d8	7.243	98	340735	43.860	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.720%		
43) trans-1,3-Dichloroprop...	7.554	79	55125	41.900	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.800%		
47) 2-Hexanone-d5	8.024	63	126991	97.069	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.070%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	162030	46.996	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.000%		
66) 1,2-Dichlorobenzene-d4	11.557	152	133523	47.979	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	7844	2.500	ug/L	100
3) Chloromethane	1.217	50	8366	2.713	ug/L	98
5) Vinyl chloride	1.285	62	7866	2.628	ug/L #	82
6) Bromomethane	1.490	94	4920	2.740	ug/L	96
8) Chloroethane	1.548	64	4251	2.390	ug/L	100
9) Trichlorofluoromethane	1.712	101	11138	2.485	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	7136	2.954	ug/L #	84
12) 1,1-Dichloroethene	2.069	96	6940	3.098	ug/L #	1
13) Acetone	2.124	43	11707	5.615	ug/L	95
14) Carbon disulfide	2.240	76	14951	2.405	ug/L	98
15) Methyl Acetate	2.387	43	6709	2.515	ug/L	99
16) Methylene chloride	2.449	84	6616	2.784	ug/L	95
17) trans-1,2-Dichloroethene	2.699	96	5189	2.393	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	19069	2.449	ug/L	98
19) 1,1-Dichloroethane	3.117	63	10146	2.389	ug/L	92
20) cis-1,2-Dichloroethene	3.821	96	5795	2.463	ug/L	80
22) 2-Butanone	3.924	43	11436m	5.555	ug/L	
23) Bromochloromethane	4.159	128	2770	2.277	ug/L #	87
27) 1,2-Dichloroethane	5.050	62	8689m	2.429	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
29) Cyclohexane	4.587	56	8876	2.372	ug/L	#	93
30) 1,1,1-Trichloroethane	4.510	97	9923	2.433	ug/L	#	82
31) Carbon tetrachloride	4.738	117	7954	2.203	ug/L		95
33) Benzene	5.018	78	19520	2.211	ug/L		100
34) Trichloroethene	5.841	95	6403	2.551	ug/L		86
35) Methylcyclohexane	6.050	83	9120	2.390	ug/L		97
37) 1,2-Dichloropropane	6.101	63	6390m	2.764	ug/L		
38) Bromodichloromethane	6.442	83	7910	2.433	ug/L		89
39) cis-1,3-Dichloropropene	6.966	75	9531m	2.545	ug/L		
40) 4-Methyl-2-pentanone	7.165	43	16596	4.869	ug/L	#	93
42) Toluene	7.323	91	22527	2.411	ug/L		92
44) trans-1,3-Dichloropropene	7.590	75	9157m	2.542	ug/L		
45) 1,1,2-Trichloroethane	7.776	97	5323	2.387	ug/L		93
46) Tetrachloroethene	7.911	164	4432	2.375	ug/L		98
48) 2-Hexanone	8.088	43	17648m	6.498	ug/L		
49) Dibromochloromethane	8.181	129	5260	2.235	ug/L		98
50) 1,2-Dibromoethane	8.291	107	5688	2.403	ug/L		92
51) Chlorobenzene	8.815	112	15193	2.515	ug/L		99
52) Ethylbenzene	8.953	91	24206	2.312	ug/L		100
53) m,p-Xylene	9.078	106	8196	2.063	ug/L		92
54) o-Xylene	9.480	106	8540	2.195	ug/L		91
55) Styrene	9.503	104	14144	2.147	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.178	83	9208	2.749	ug/L	#	90
59) Bromoform	9.673	173	3307	2.191	ug/L	#	92
60) Isopropylbenzene	9.869	105	23656	2.457	ug/L		96
61) 1,2,3-Trichloropropane	10.213	75	7443	2.864	ug/L		97
62) 1,3,5-Trimethylbenzene	10.477	105	19741	2.430	ug/L		99
63) 1,2,4-Trimethylbenzene	10.853	105	18819	2.343	ug/L		100
64) 1,3-Dichlorobenzene	11.123	146	11067	2.486	ug/L		96
65) 1,4-Dichlorobenzene	11.210	146	11805	2.611	ug/L		96
67) 1,2-Dichlorobenzene	11.580	146	12097	2.712	ug/L		91
68) 1,2-Dibromo-3-chloropr...	12.371	75	1913	2.471	ug/L		93
69) 1,3,5-Trichlorobenzene	12.586	180	7370	2.207	ug/L		94
70) 1,2,4-trichlorobenzene	13.200	180	6516	2.168	ug/L		98
71) Naphthalene	13.445	128	17165	2.135	ug/L		98
72) 1,2,3-Trichlorobenzene	13.683	180	6895	2.352	ug/L		99

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

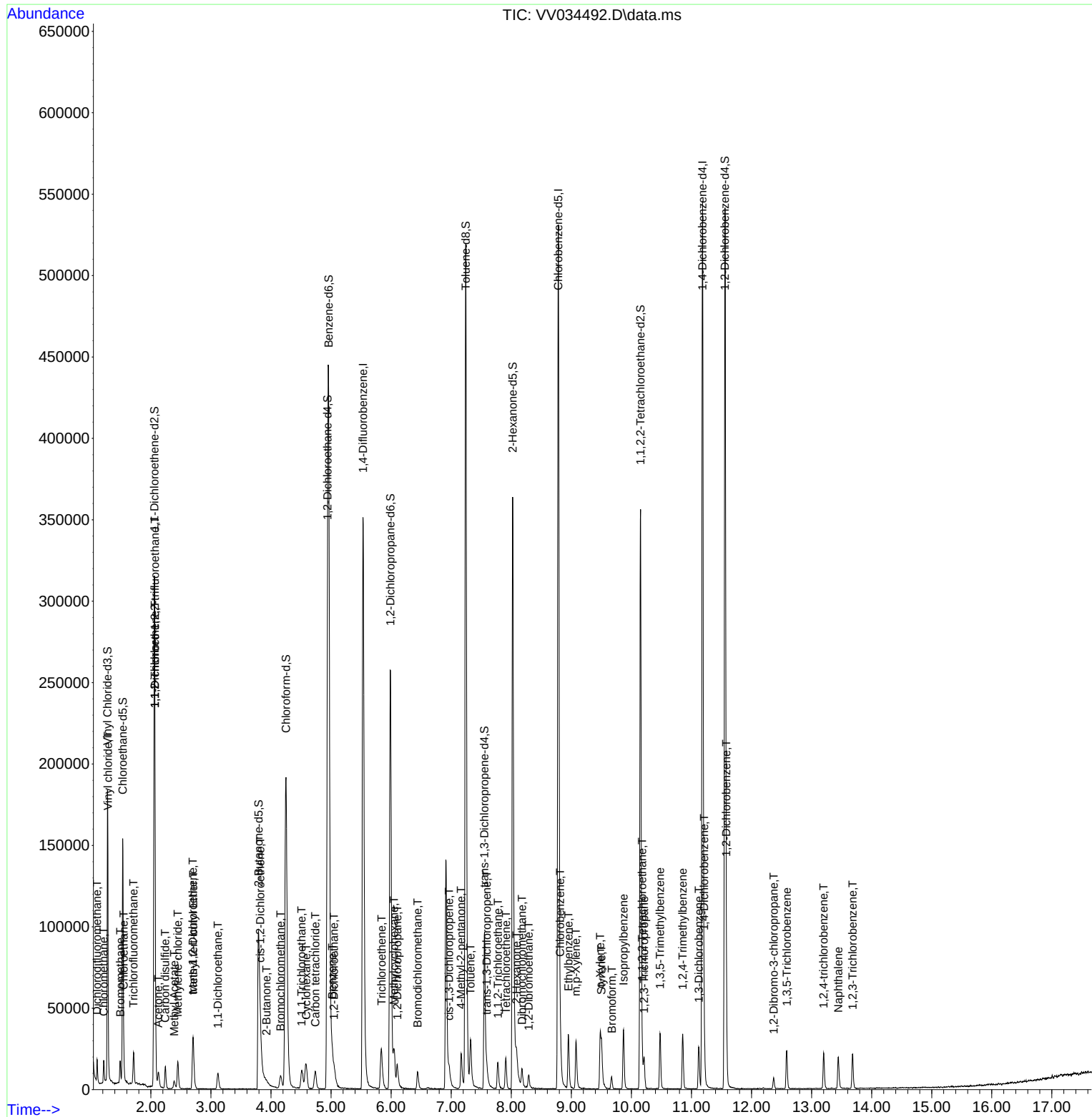
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030124\
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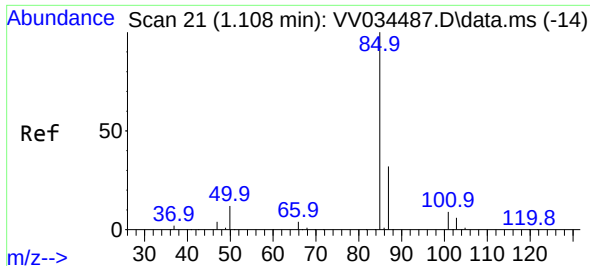
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

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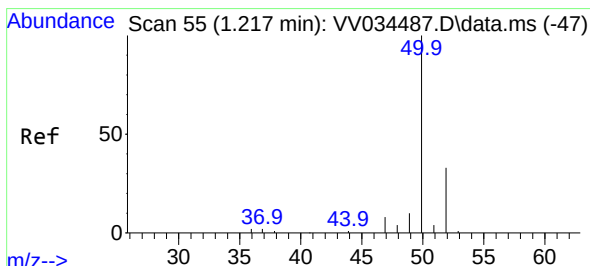
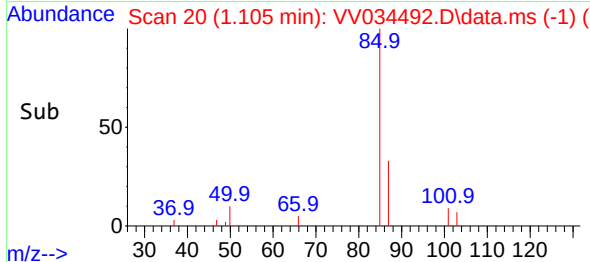
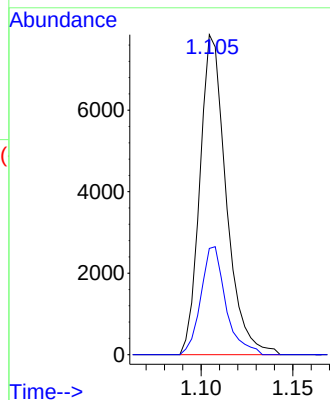
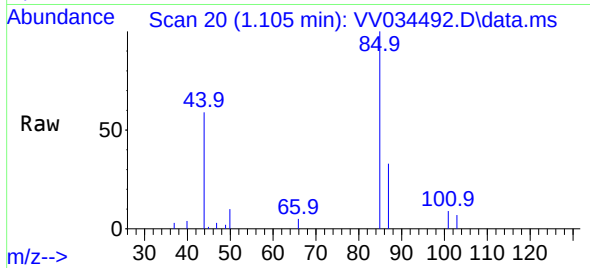
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Dichlorodifluoromethane
Concen: 2.500 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 85 Resp: 7844
Ion Ratio Lower Upper
85 100
87 32.0 25.5 38.3

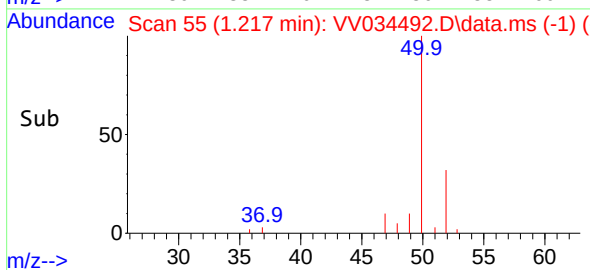
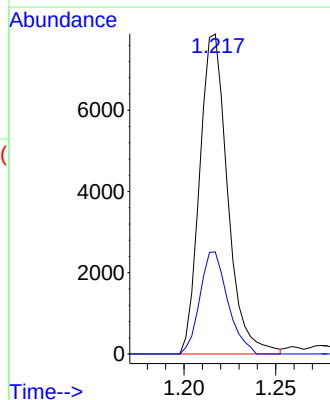
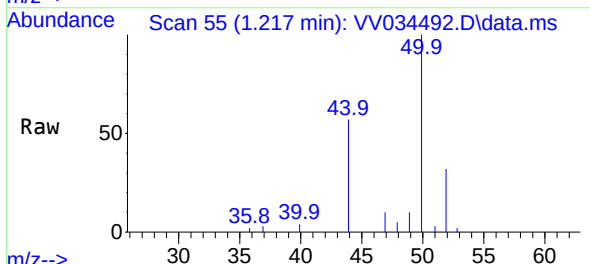
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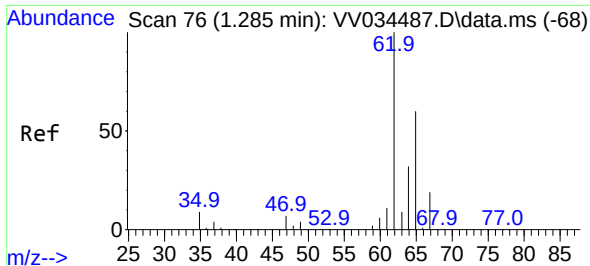
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#3
Chloromethane
Concen: 2.713 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

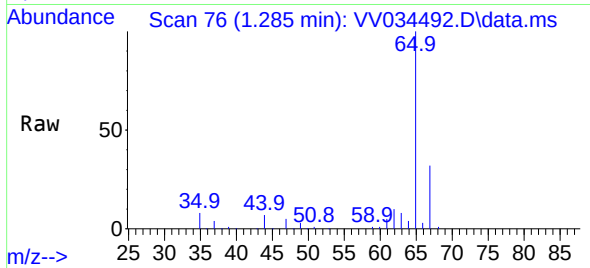
Tgt Ion: 50 Resp: 8366
Ion Ratio Lower Upper
50 100
52 31.9 23.0 42.8





#5
 Vinyl chloride
 Concen: 2.628 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV034492.D
 Acq: 01 Mar 2024 11:25

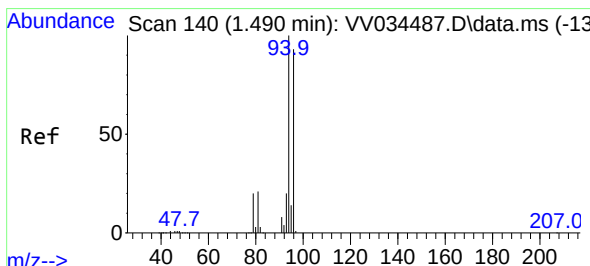
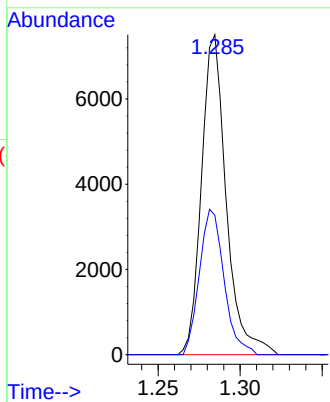
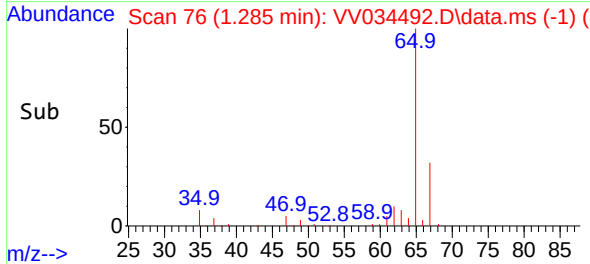
Instrument : MSVOA_V
 ClientSampleId : MDL-MED-SOIL-QT1-2024-02



Tgt Ion: 62 Resp: 7860
 Ion Ratio Lower Upper
 62 100
 64 43.6 23.4 43.6

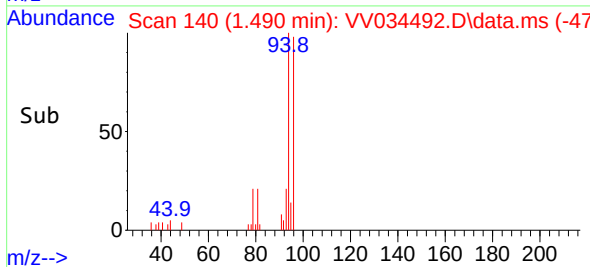
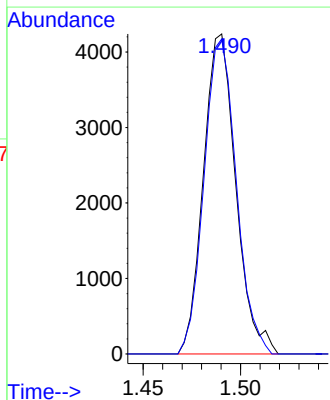
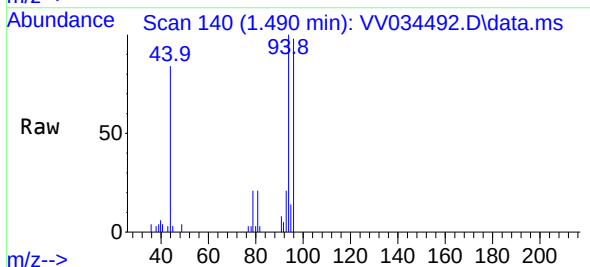
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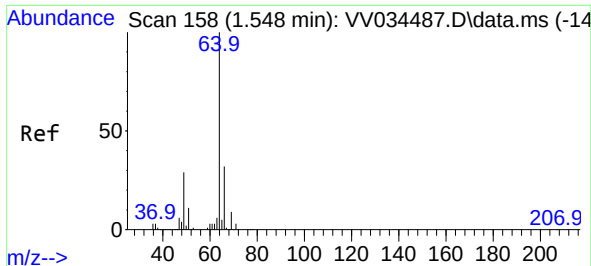
Reviewed By :Mahesh Dadoda 03/05/2024
 Supervised By :Semsettin Yesilyurt 03/05/2024



#6
 Bromomethane
 Concen: 2.740 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV034492.D
 Acq: 01 Mar 2024 11:25

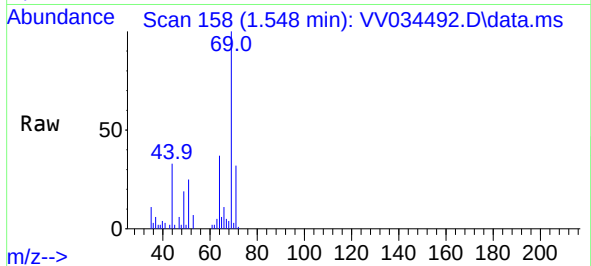
Tgt Ion: 94 Resp: 4920
 Ion Ratio Lower Upper
 94 100
 96 98.4 66.0 122.6





#8
Chloroethane
Concen: 2.390 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

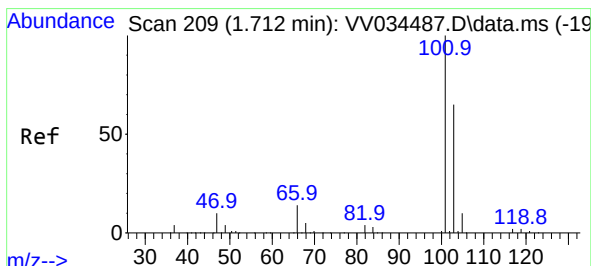
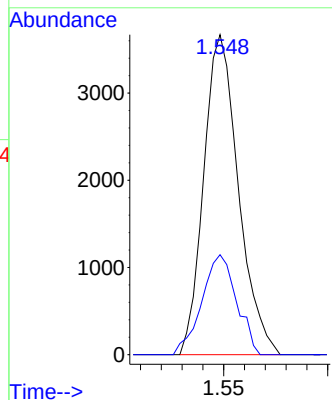
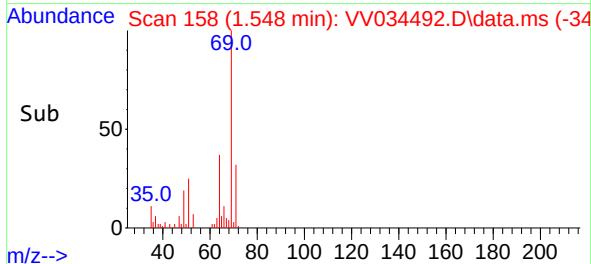
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



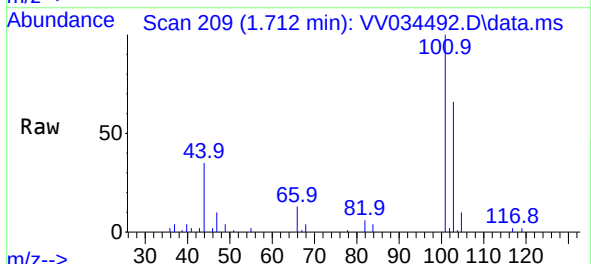
Tgt Ion: 64 Resp: 425
Ion Ratio Lower Upper
64 100
66 31.3 22.0 40.8

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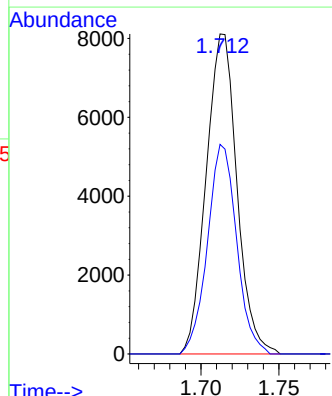
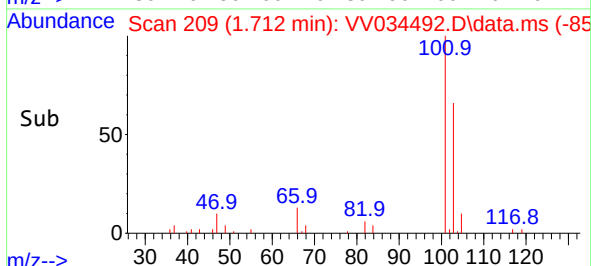
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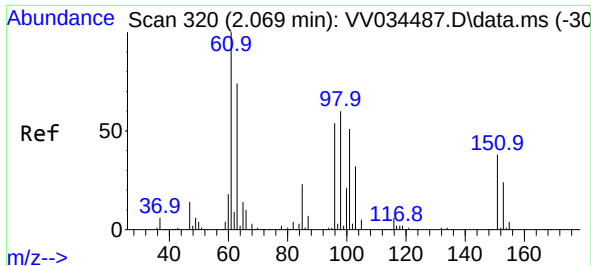


#9
Trichlorofluoromethane
Concen: 2.485 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25



Tgt Ion:101 Resp: 11138
Ion Ratio Lower Upper
101 100
103 62.1 51.8 77.8





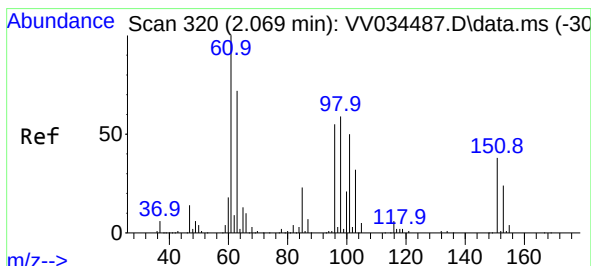
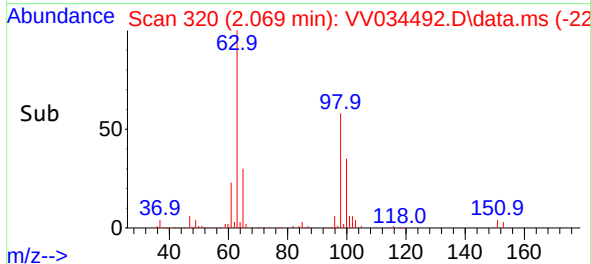
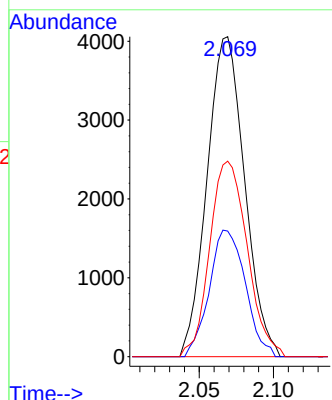
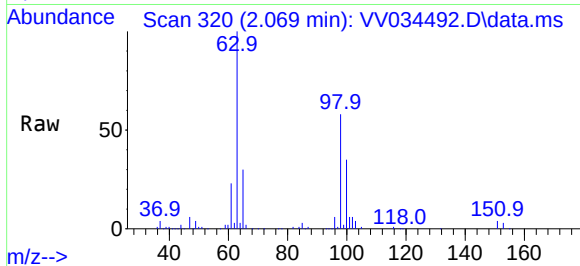
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.954 ug/L
RT: 2.069 min Scan# 310
Delta R.T. -0.000 min
Lab File: VV034492.D
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ClientSampleId :
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Tgt Ion:101 Resp: 7130
Ion Ratio Lower Upper
101 100
85 37.9 37.4 56.0
151 61.1 61.4 92.2

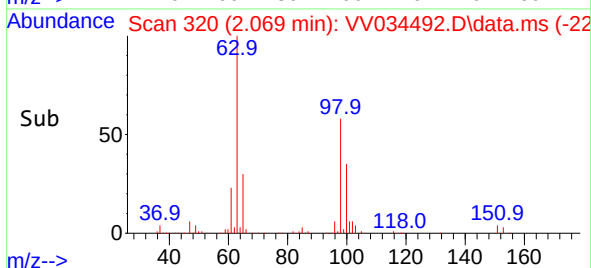
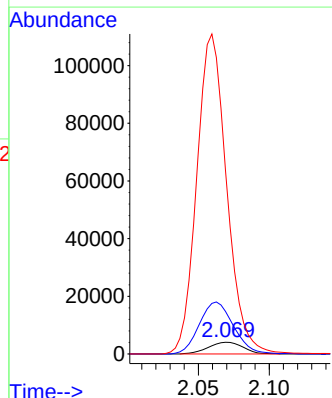
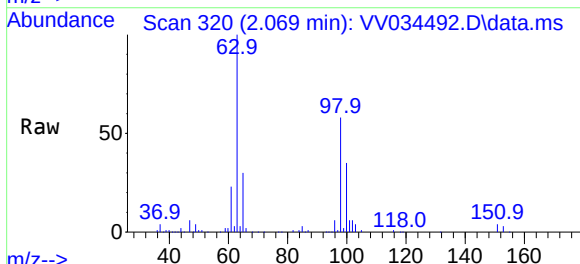
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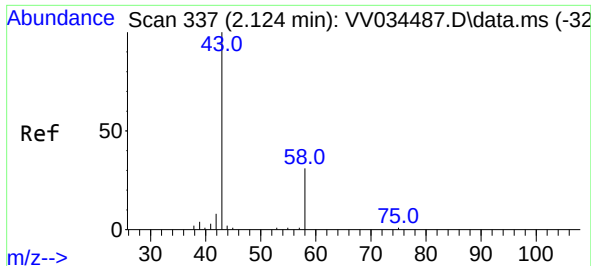
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#12
1,1-Dichloroethene
Concen: 3.098 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 96 Resp: 6940
Ion Ratio Lower Upper
96 100
61 362.1 128.9 239.3#
63 1562.1 98.0 182.0#





#13

Acetone

Concen: 5.615 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 43 Resp: 1170

Ion Ratio Lower Upper

43 100

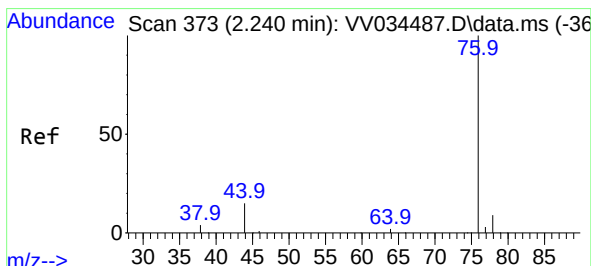
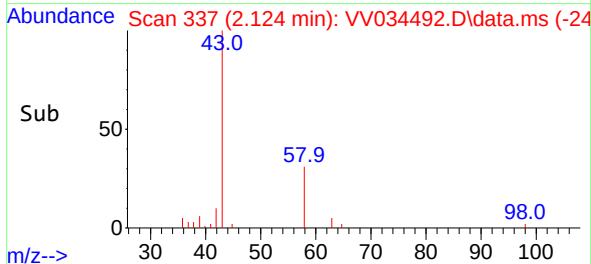
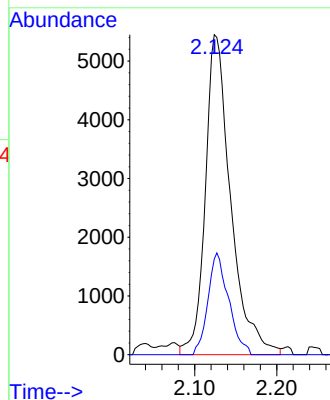
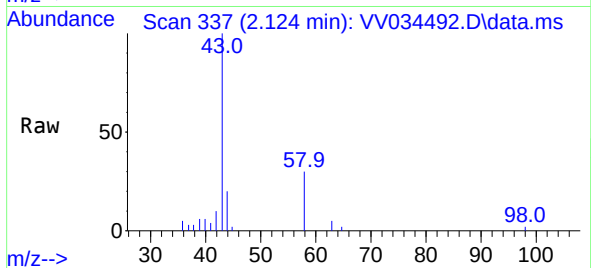
58 25.9 0.0 57.2

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#14

Carbon disulfide

Concen: 2.405 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034492.D

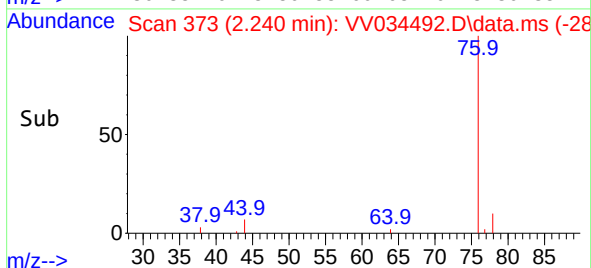
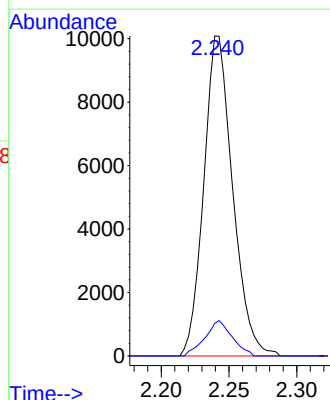
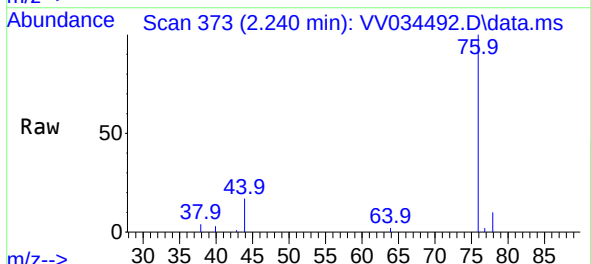
Acq: 01 Mar 2024 11:25

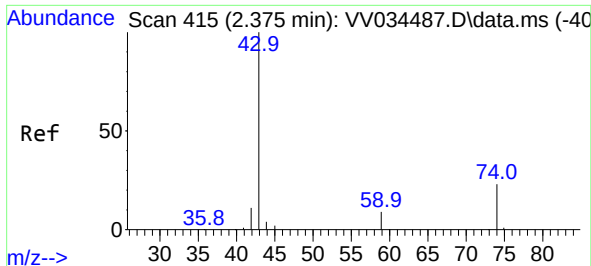
Tgt Ion: 76 Resp: 14951

Ion Ratio Lower Upper

76 100

78 10.2 7.5 11.3





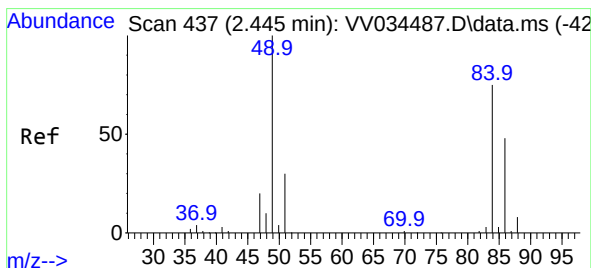
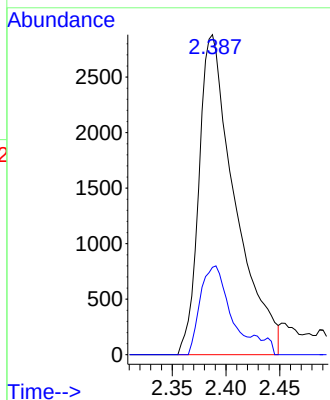
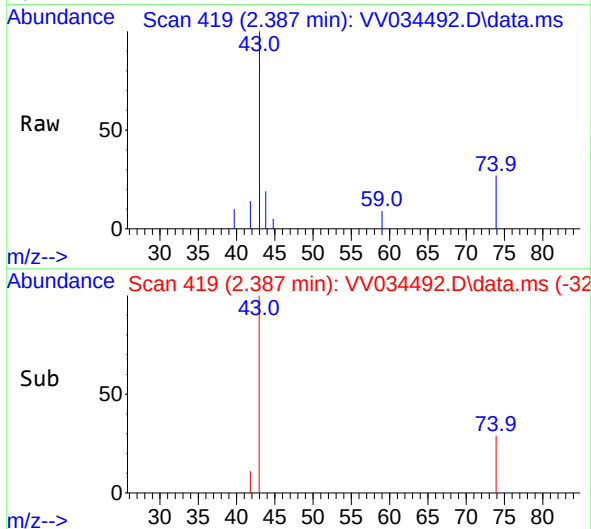
#15
Methyl Acetate
Concen: 2.515 ug/L
RT: 2.387 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 43 Resp: 6709
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8

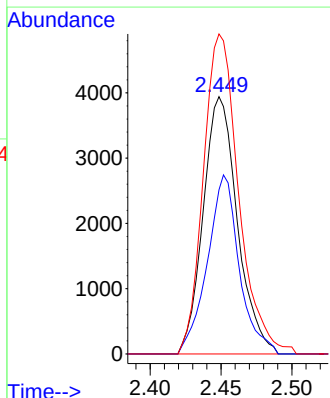
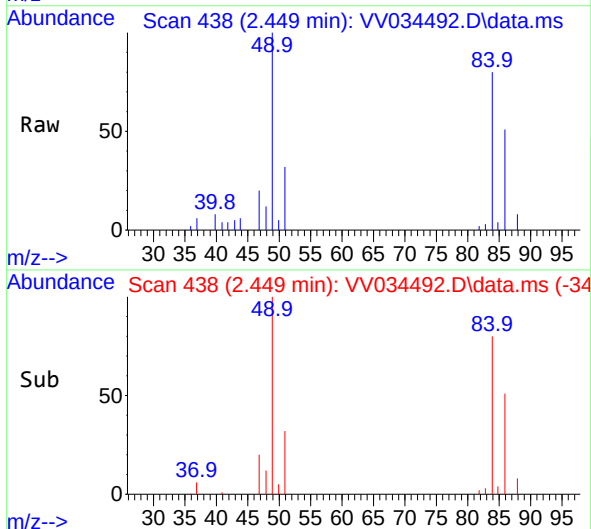
Manual Integrations
APPROVED

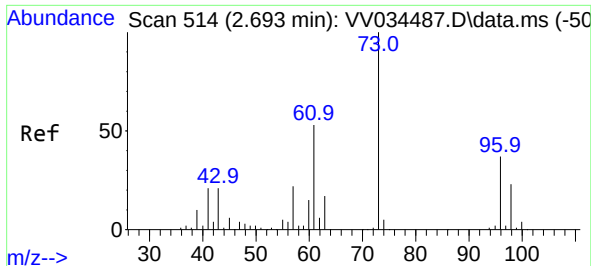
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#16
Methylene chloride
Concen: 2.784 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

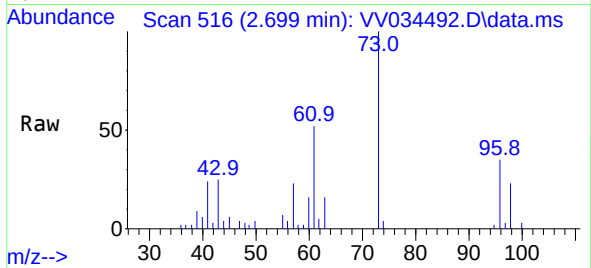
Tgt Ion: 84 Resp: 6616
Ion Ratio Lower Upper
84 100
86 63.8 45.6 84.6
49 124.4 92.3 171.3





#17
trans-1,2-Dichloroethene
Concen: 2.393 ug/L
RT: 2.699 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

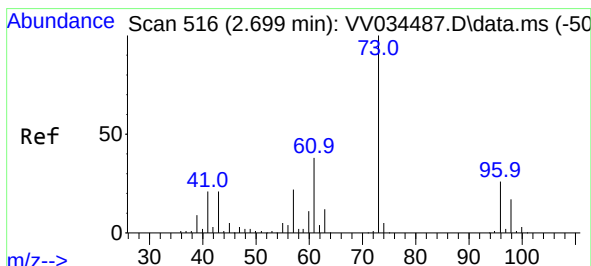
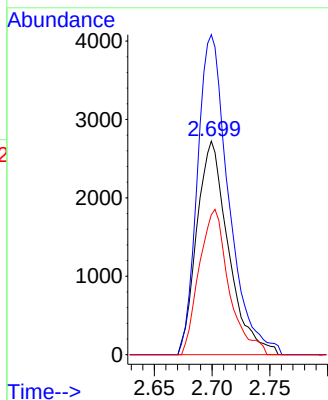
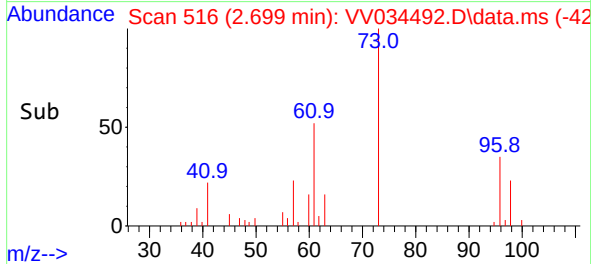
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



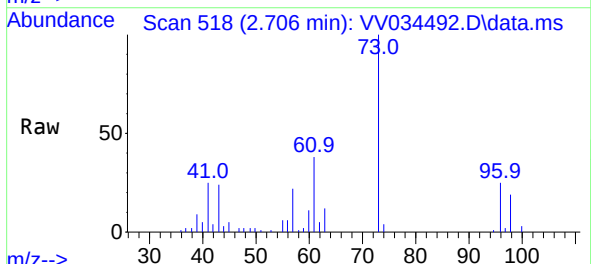
Tgt Ion: 96 Resp: 5189
Ion Ratio Lower Upper
96 100
61 149.8 98.8 183.4
98 65.6 46.1 85.5

Manual Integrations
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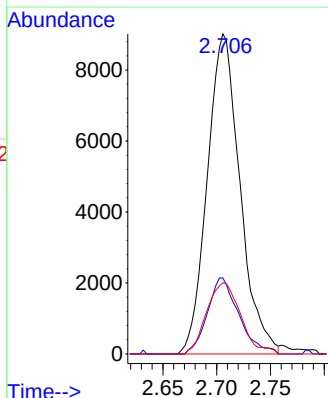
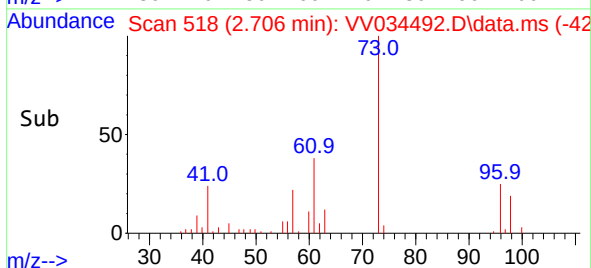
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

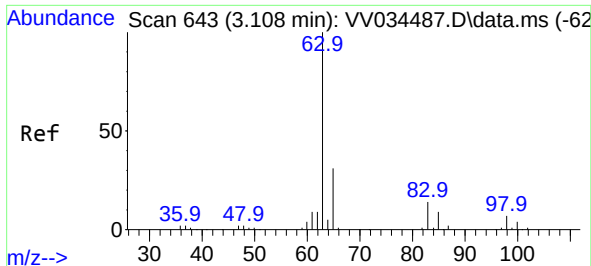


#18
Methyl tert-butyl Ether
Concen: 2.449 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25



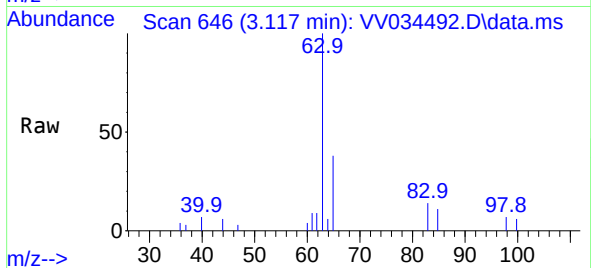
Tgt Ion: 73 Resp: 19069
Ion Ratio Lower Upper
73 100
43 22.4 17.1 25.7
57 22.5 17.6 26.4





#19
1,1-Dichloroethane
Concen: 2.389 ug/L
RT: 3.117 min Scan# 64
Delta R.T. 0.010 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

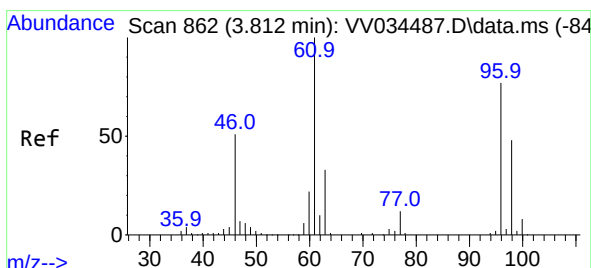
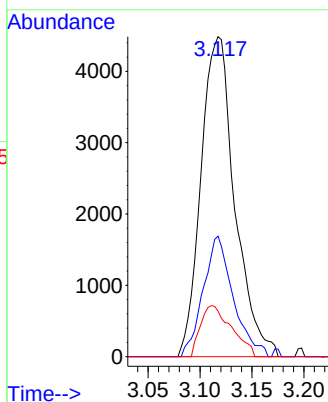
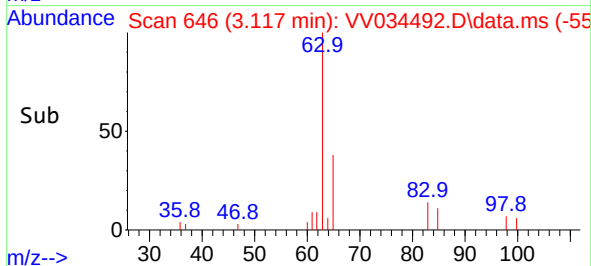
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion: 63 Resp: 1014
Ion Ratio Lower Upper
63 100
65 37.6 22.1 41.1
83 14.2 9.9 18.3

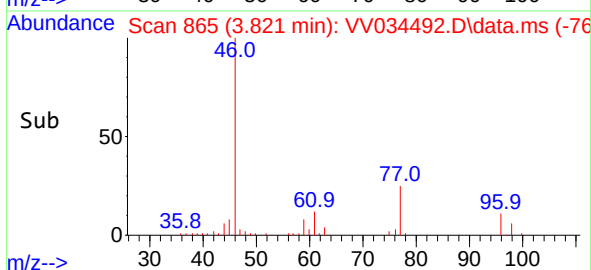
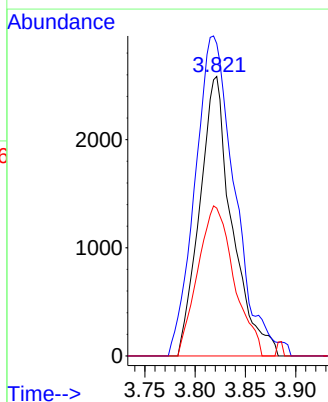
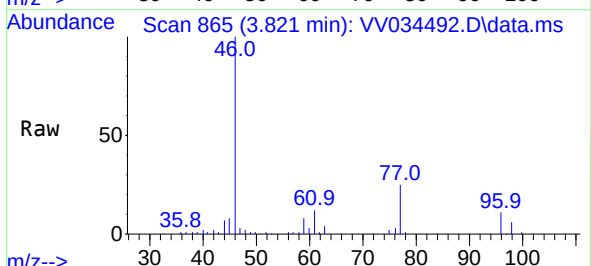
Manual Integrations
APPROVED

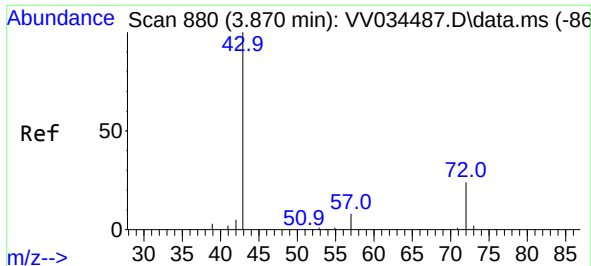
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#20
cis-1,2-Dichloroethene
Concen: 2.463 ug/L
RT: 3.821 min Scan# 865
Delta R.T. 0.010 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

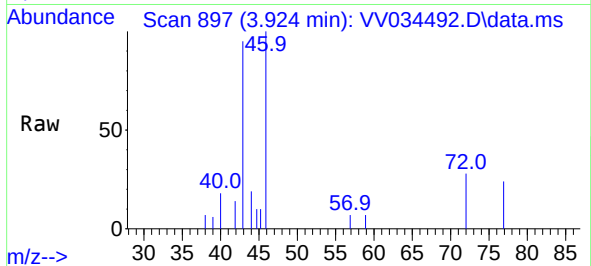
Tgt Ion: 96 Resp: 5795
Ion Ratio Lower Upper
96 100
61 111.8 96.0 178.4
98 52.9 46.0 85.4





#22
2-Butanone
Concen: 5.555 ug/L m
RT: 3.924 min Scan# 897
Delta R.T. 0.055 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

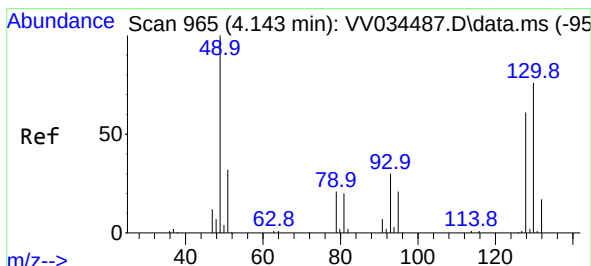
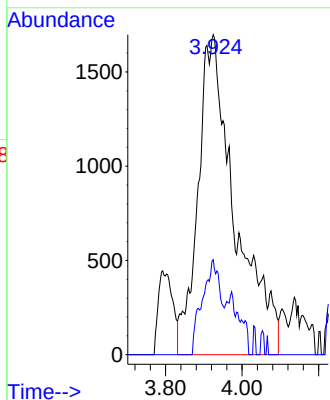
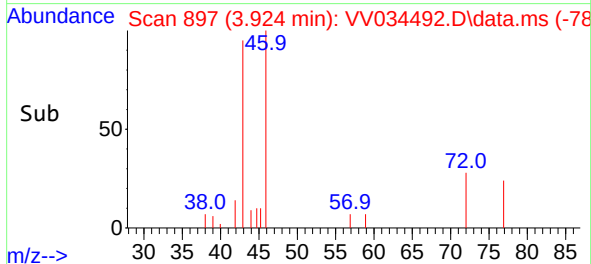
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



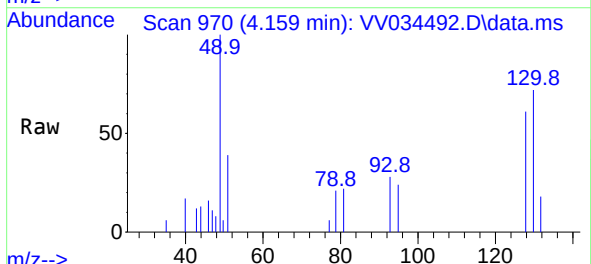
Tgt Ion: 43 Resp: 11430
Ion Ratio Lower Upper
43 100
72 2.0 11.5 34.4

Manual Integrations
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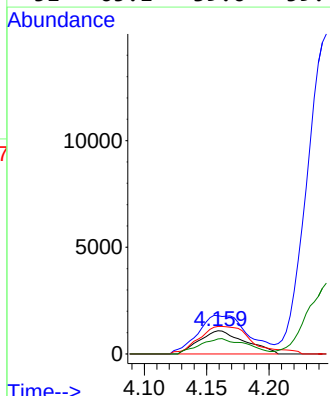
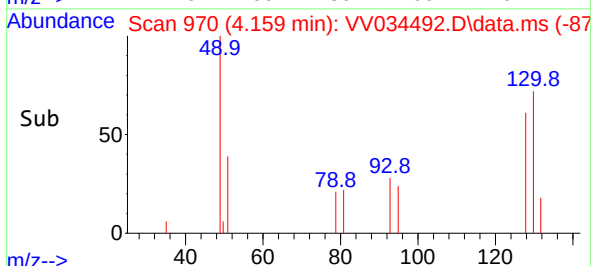
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

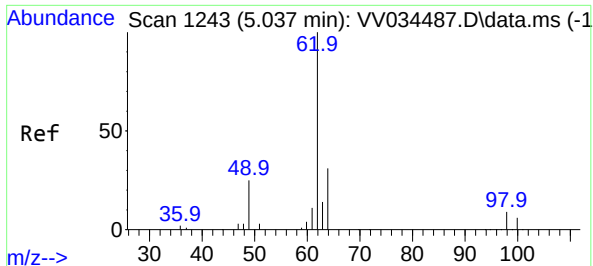


#23
Bromochloromethane
Concen: 2.277 ug/L
RT: 4.159 min Scan# 970
Delta R.T. 0.016 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25



Tgt Ion:128 Resp: 2770
Ion Ratio Lower Upper
128 100
49 175.3 109.4 203.2
130 118.4 87.7 162.9
51 65.1 39.6 59.4





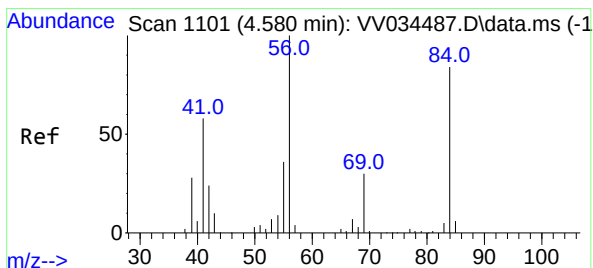
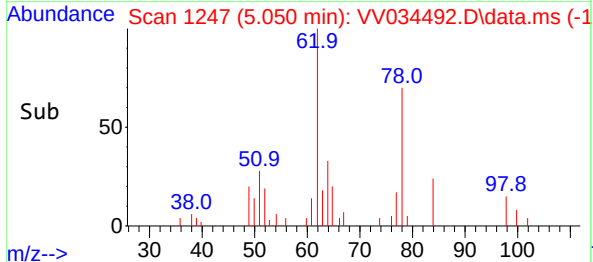
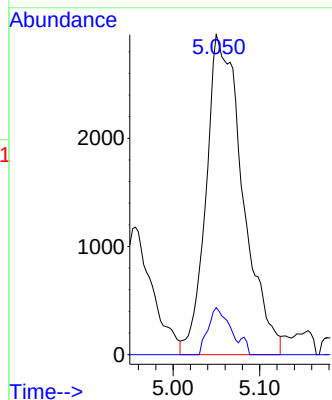
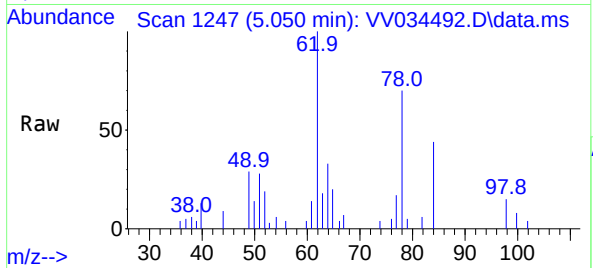
#27
1,2-Dichloroethane
Concen: 2.429 ug/L m
RT: 5.050 min Scan# 1103
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 62 Resp: 8689
Ion Ratio Lower Upper
62 100
98 14.7 6.6 10.0

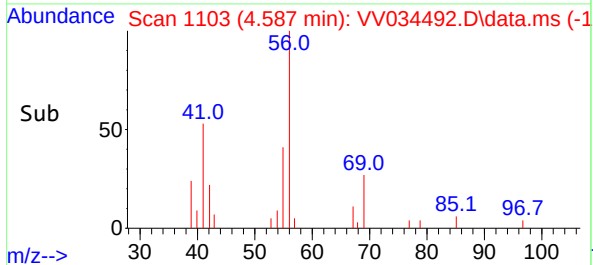
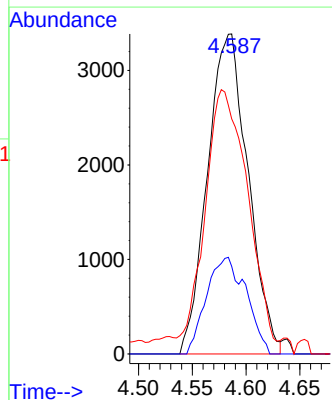
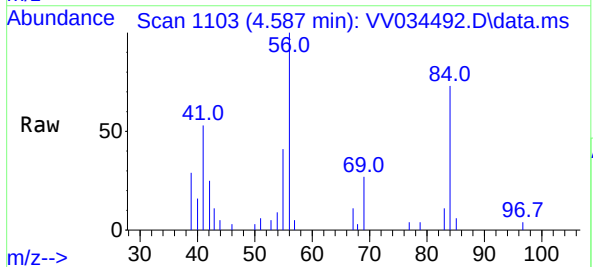
Manual Integrations
APPROVED

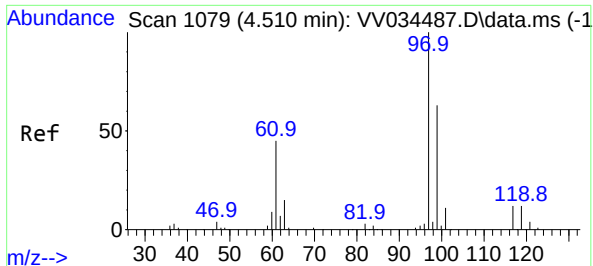
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#29
Cyclohexane
Concen: 2.372 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 56 Resp: 8876
Ion Ratio Lower Upper
56 100
69 22.2 24.2 36.4
84 84.4 70.5 105.7





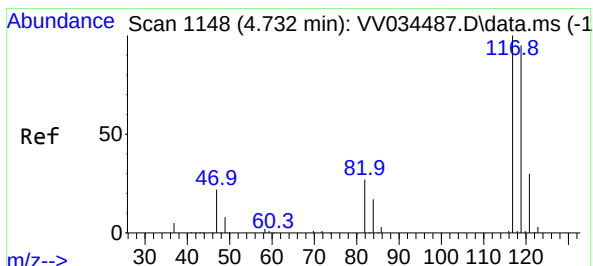
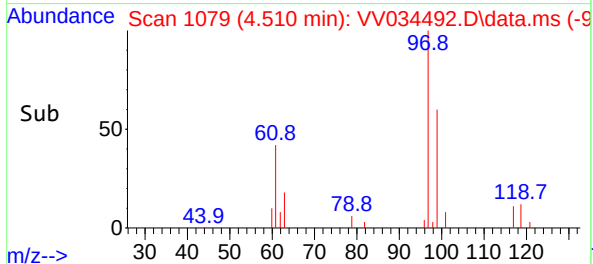
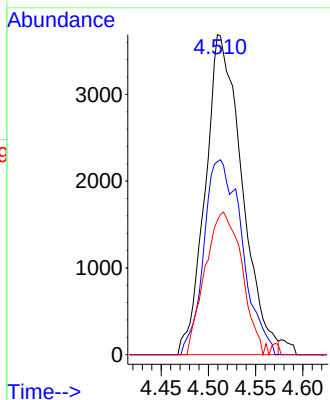
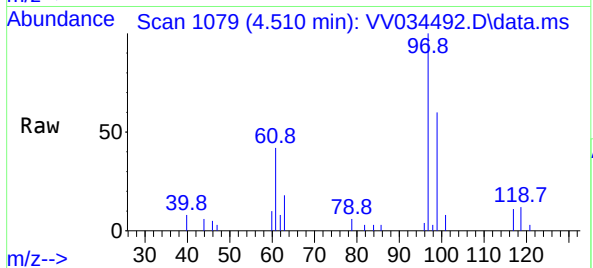
#30
1,1,1-Trichloroethane
Concen: 2.433 ug/L
RT: 4.510 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 97 Resp: 992
Ion Ratio Lower Upper
97 100
99 41.1 51.3 76.9
61 44.6 36.0 54.0

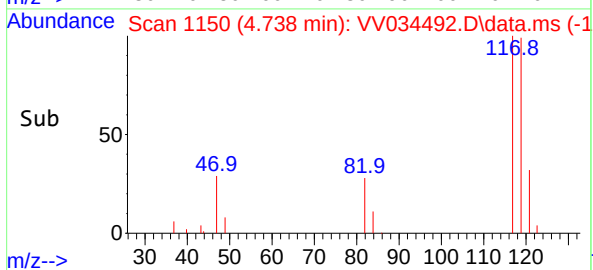
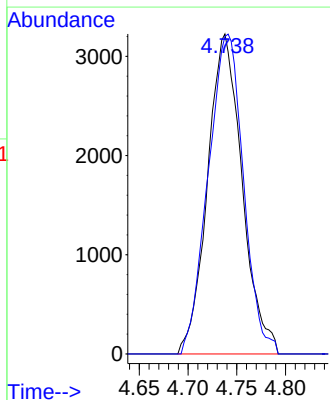
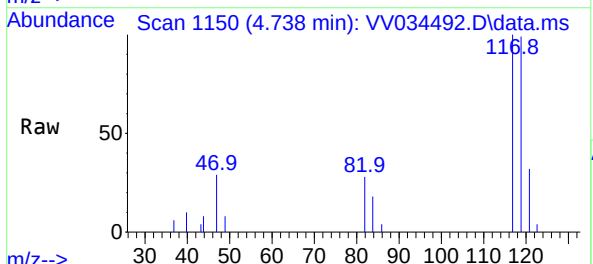
Manual Integrations
APPROVED

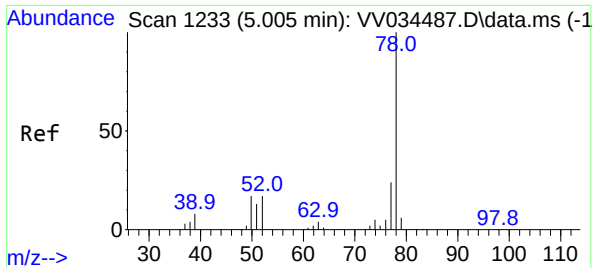
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#31
Carbon tetrachloride
Concen: 2.203 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion:117 Resp: 7954
Ion Ratio Lower Upper
117 100
119 102.0 77.5 116.3





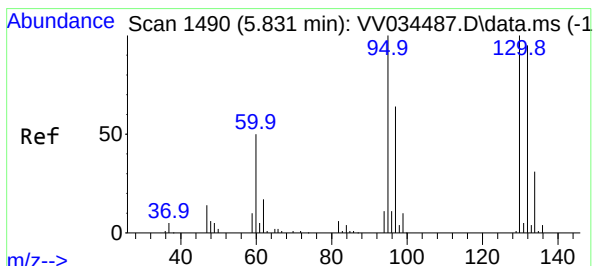
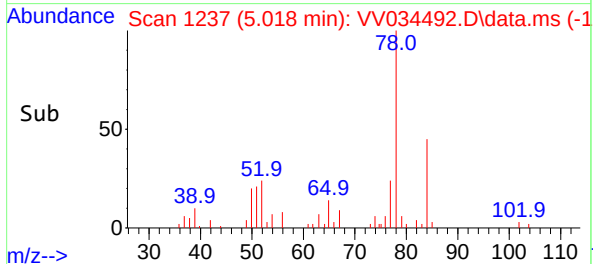
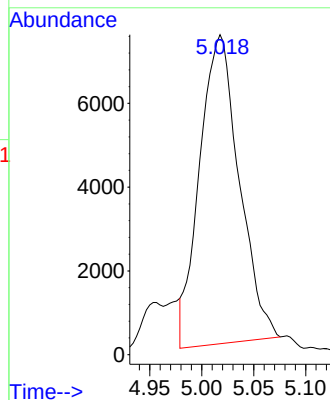
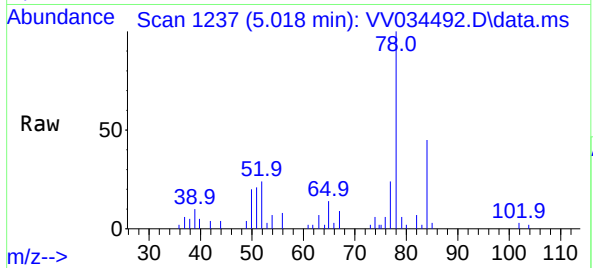
#33
Benzene
Concen: 2.211 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument : MSVOA_V
ClientSampleId : MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 78 Resp: 19520

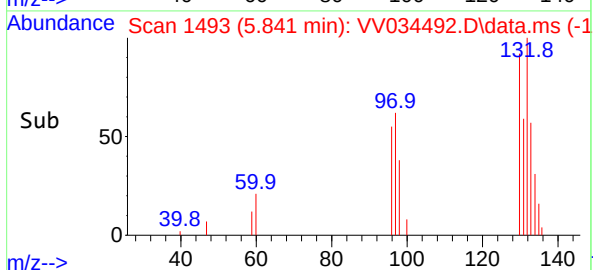
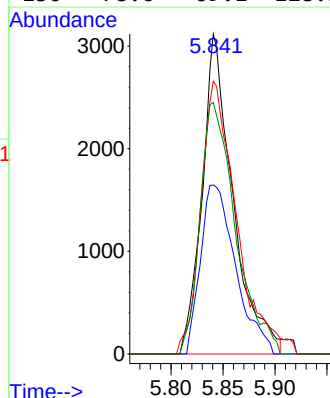
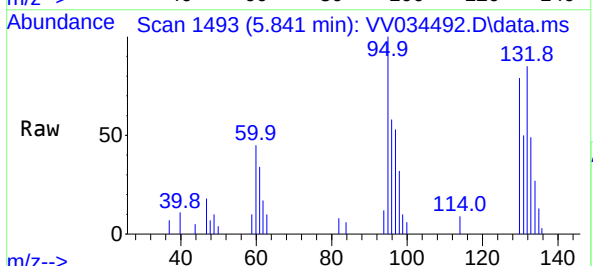
Manual Integrations
APPROVED

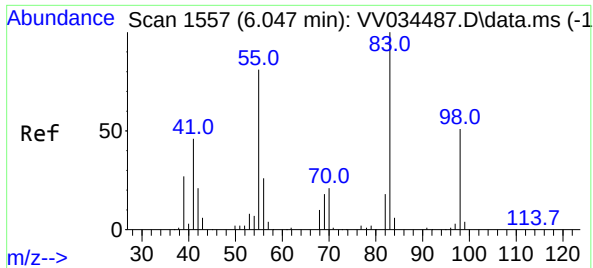
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#34
Trichloroethene
Concen: 2.551 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 95 Resp: 6403
Ion Ratio Lower Upper
95 100
97 52.8 44.7 83.1
132 85.2 65.3 121.3
130 78.6 69.1 128.3





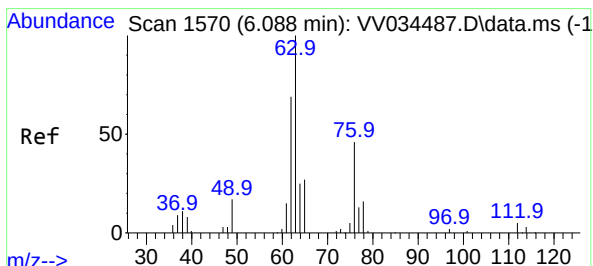
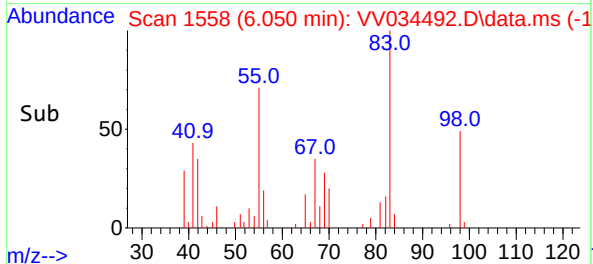
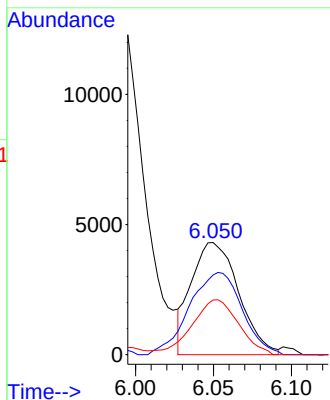
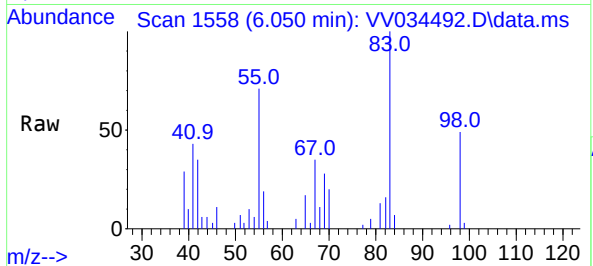
#35
Methylcyclohexane
Concen: 2.390 ug/L
RT: 6.050 min Scan# 1557
Delta R.T. 0.003 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 83 Resp: 9120
Ion Ratio Lower Upper
83 100
55 81.3 62.6 94.0
98 47.9 39.5 59.3

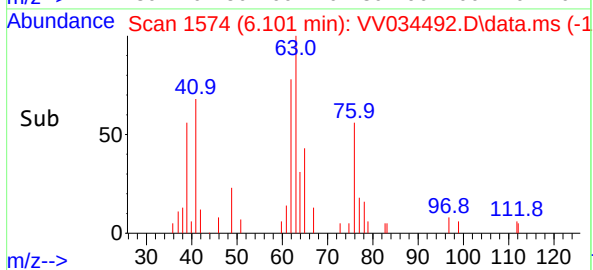
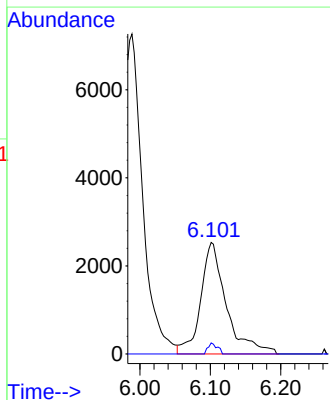
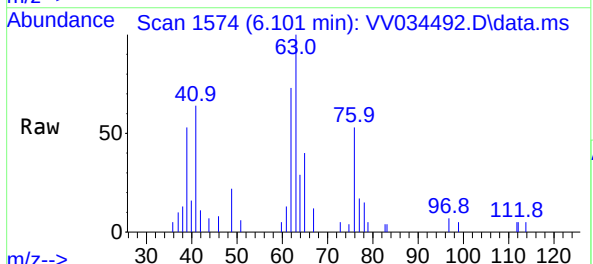
Manual Integrations
APPROVED

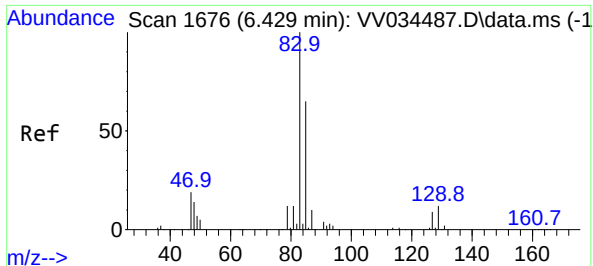
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#37
1,2-Dichloropropane
Concen: 2.764 ug/L m
RT: 6.101 min Scan# 1574
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 63 Resp: 6390
Ion Ratio Lower Upper
63 100
112 2.7 3.5 5.3#





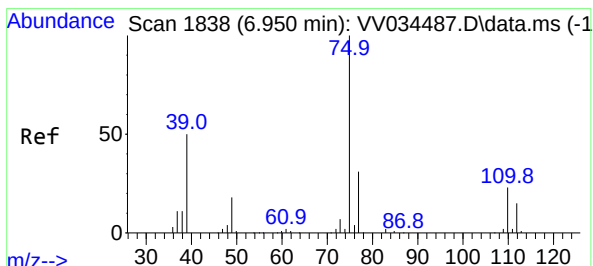
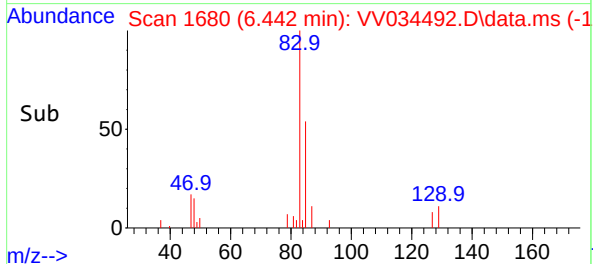
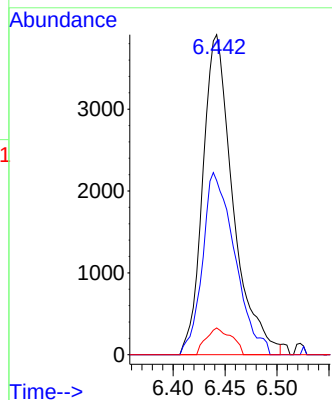
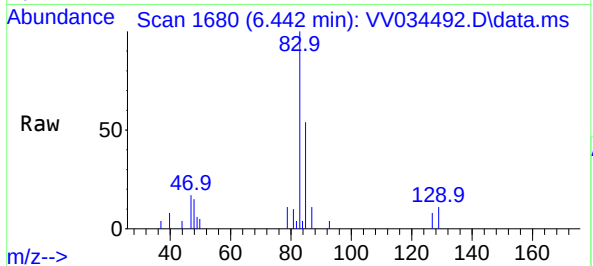
#38
Bromodichloromethane
Concen: 2.433 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 83 Resp: 7910
Ion Ratio Lower Upper
83 100
85 54.4 44.6 82.8
127 8.3 6.9 10.3

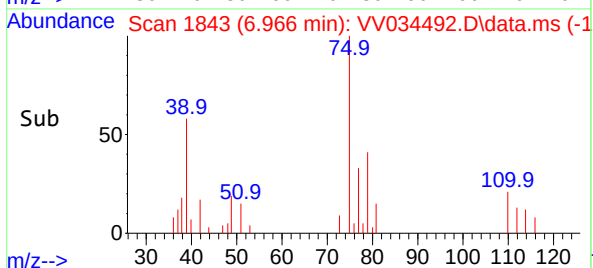
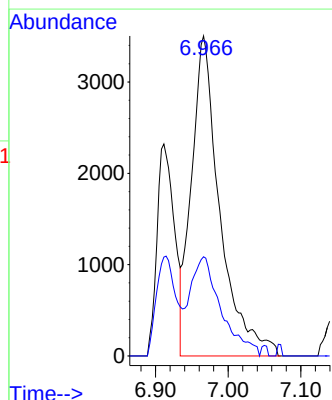
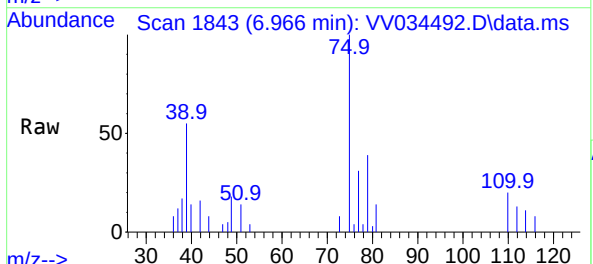
Manual Integrations
APPROVED

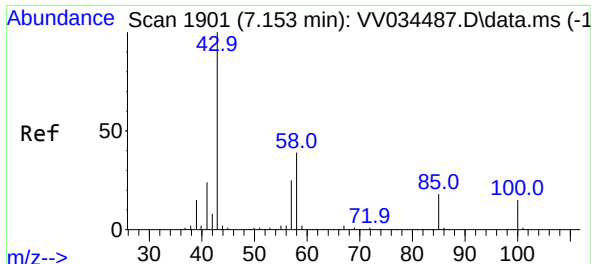
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#39
cis-1,3-Dichloropropene
Concen: 2.545 ug/L m
RT: 6.966 min Scan# 1843
Delta R.T. 0.016 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

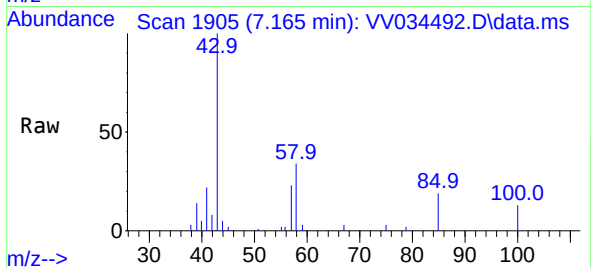
Tgt Ion: 75 Resp: 9531
Ion Ratio Lower Upper
75 100
77 31.0 20.9 38.9





#40
4-Methyl-2-pentanone
Concen: 4.869 ug/L
RT: 7.165 min Scan# 1905
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

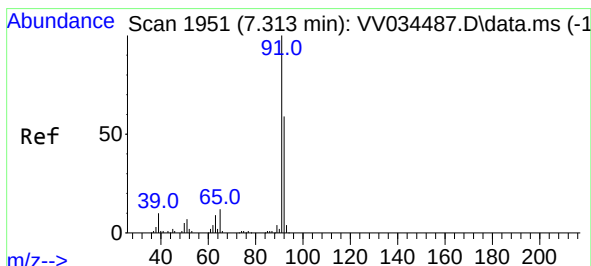
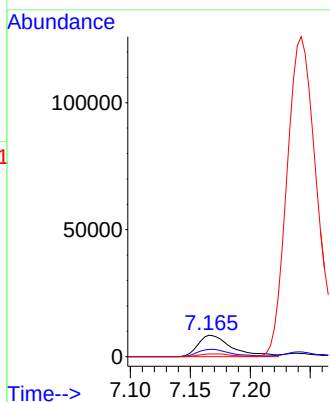
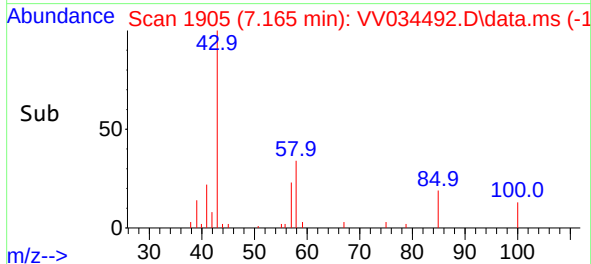
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion: 43 Resp: 16590
Ion Ratio Lower Upper
43 100
58 34.2 30.6 46.0
100 12.4 12.5 18.7

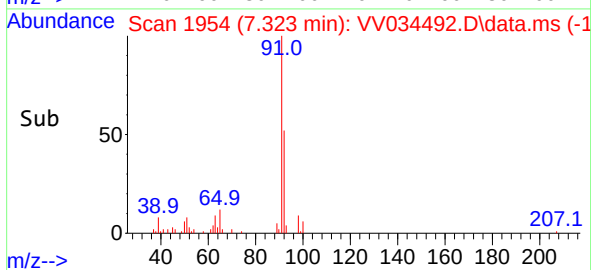
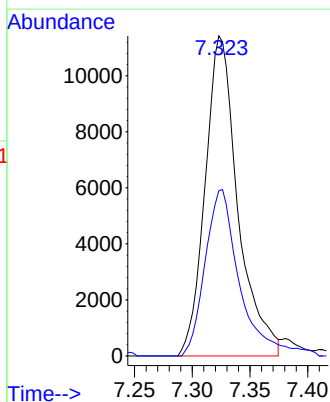
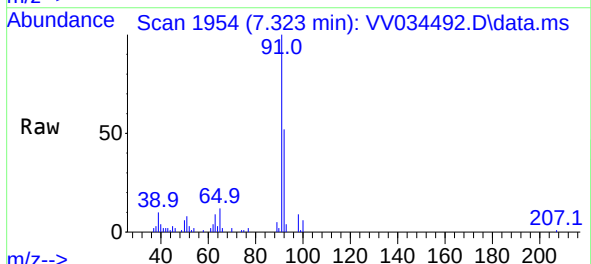
Manual Integrations
APPROVED

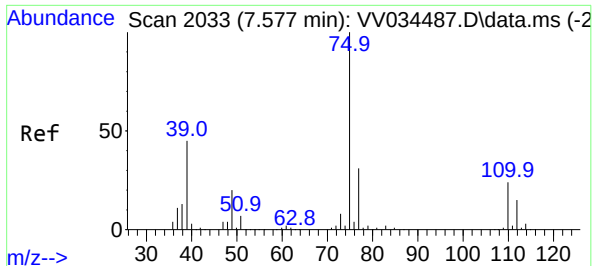
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#42
Toluene
Concen: 2.411 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.010 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

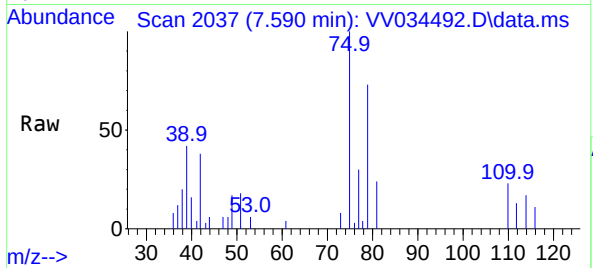
Tgt Ion: 91 Resp: 22527
Ion Ratio Lower Upper
91 100
92 51.7 40.5 75.1





#44
trans-1,3-Dichloropropene
Concen: 2.542 ug/L m
RT: 7.590 min Scan# 2037
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

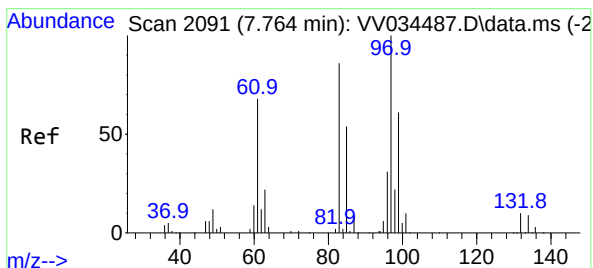
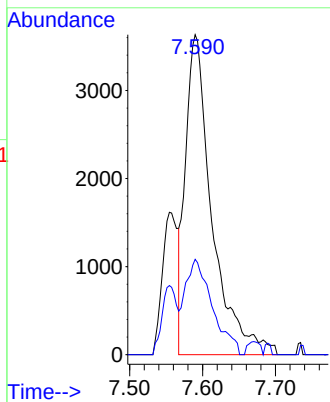
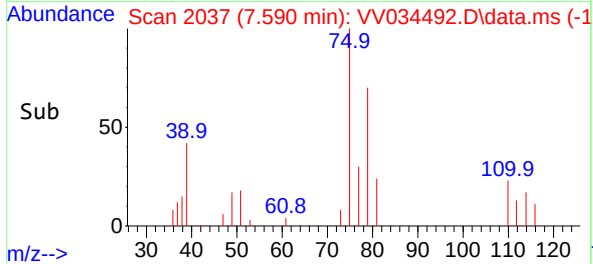
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



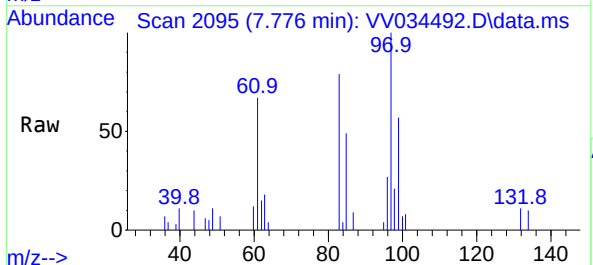
Tgt Ion: 75 Resp: 915
Ion Ratio Lower Upper
75 100
77 29.8 21.8 40.4

Manual Integrations
APPROVED

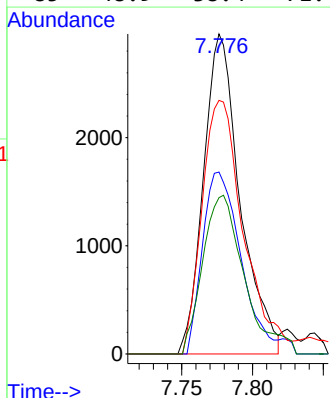
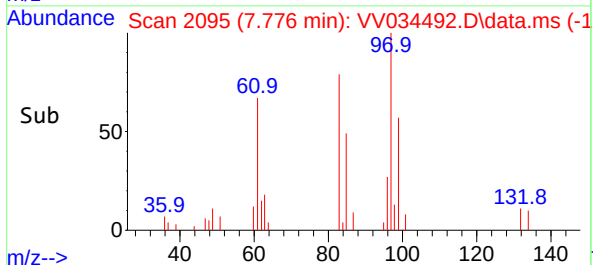
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

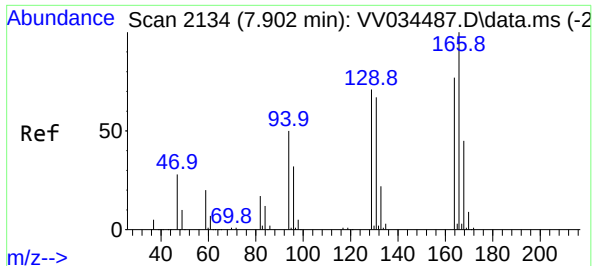


#45
1,1,2-Trichloroethane
Concen: 2.387 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.013 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25



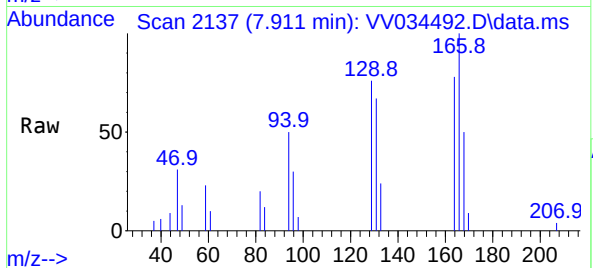
Tgt Ion: 97 Resp: 5323
Ion Ratio Lower Upper
97 100
99 56.8 43.8 81.4
83 79.2 59.4 110.2
85 48.9 38.4 71.4





#46
Tetrachloroethene
Concen: 2.375 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.009 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

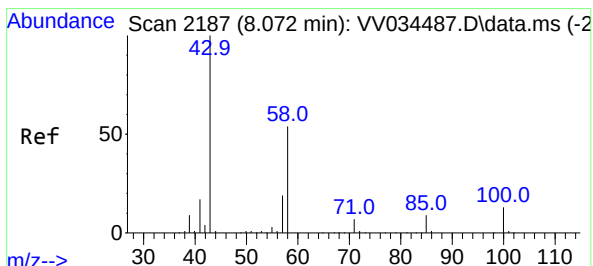
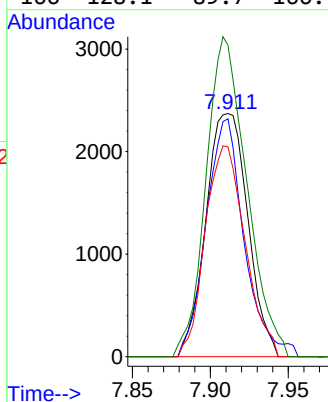
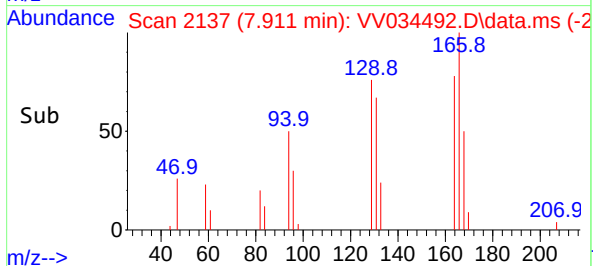


Tgt Ion:164 Resp: 443

Ion	Ratio	Lower	Upper
164	100		
129	97.8	65.7	121.9
131	86.2	62.2	115.6
166	128.1	89.7	166.7

Manual Integrations
APPROVED

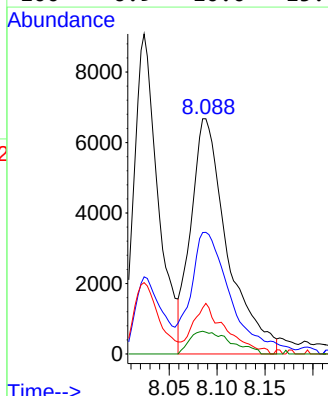
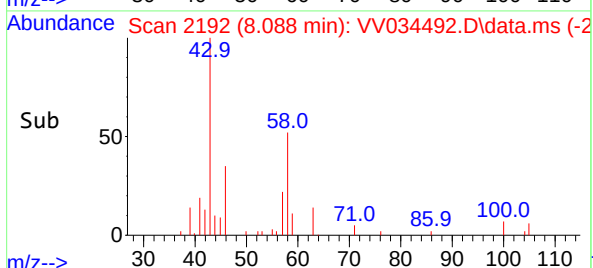
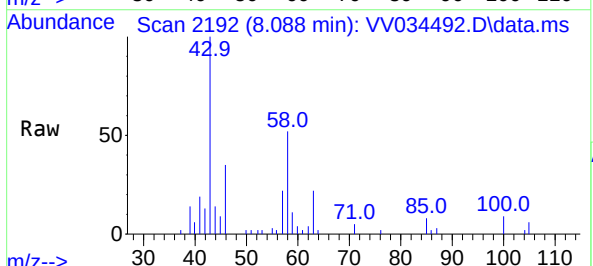
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

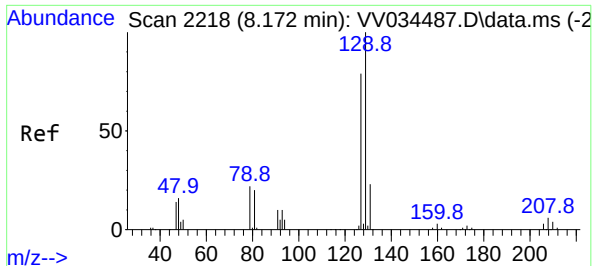


#48
2-Hexanone
Concen: 6.498 ug/L m
RT: 8.088 min Scan# 2192
Delta R.T. 0.016 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 43 Resp: 17648

Ion	Ratio	Lower	Upper
43	100		
58	46.9	42.0	63.0
57	7.6	15.2	22.8#
100	6.9	10.0	15.0#





#49

Dibromochloromethane

Concen: 2.235 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.009 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

Instrument :

MSVOA_V

ClientSampleId :

MDL-MED-SOIL-QT1-2024-02

Tgt Ion:129 Resp: 5260

Ion Ratio Lower Upper

129 100

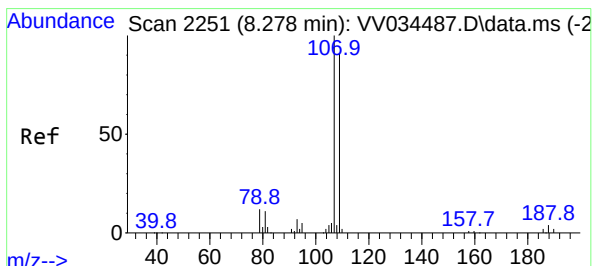
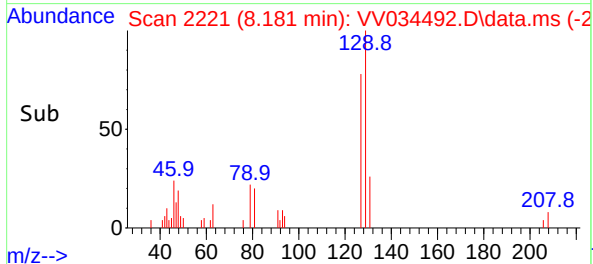
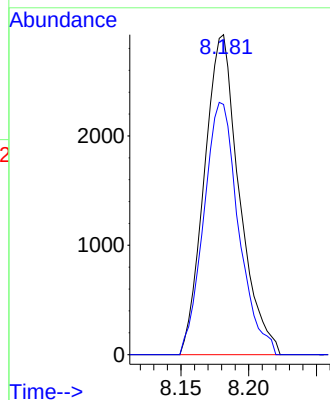
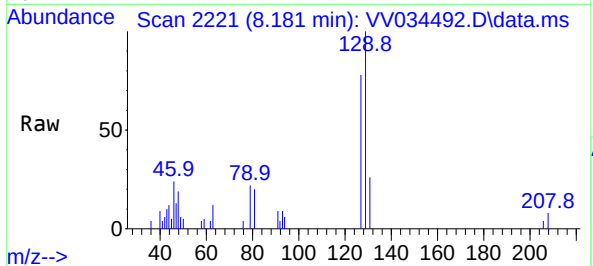
127 78.2 53.3 98.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024

Supervised By :Semsettin Yesilyurt 03/05/2024



#50

1,2-Dibromoethane

Concen: 2.403 ug/L

RT: 8.291 min Scan# 2255

Delta R.T. 0.013 min

Lab File: VV034492.D

Acq: 01 Mar 2024 11:25

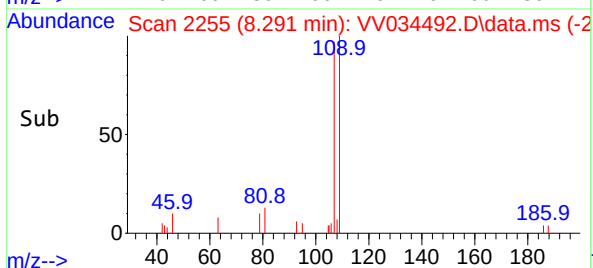
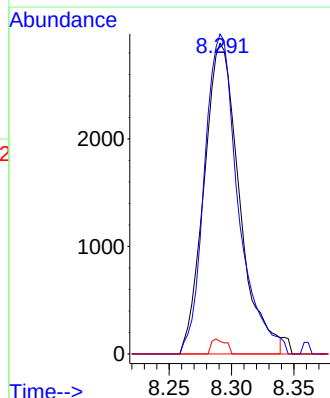
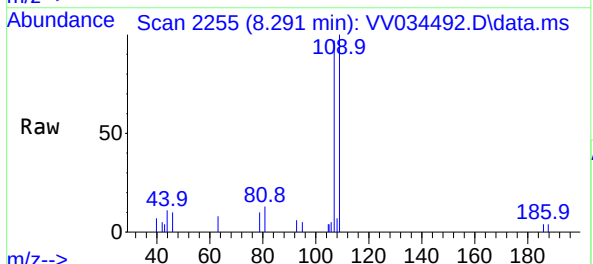
Tgt Ion:107 Resp: 5688

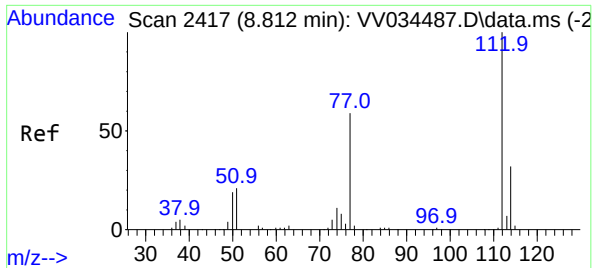
Ion Ratio Lower Upper

107 100

109 103.0 66.5 123.5

188 4.1 3.4 5.2





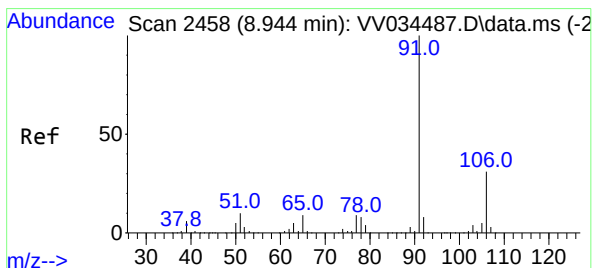
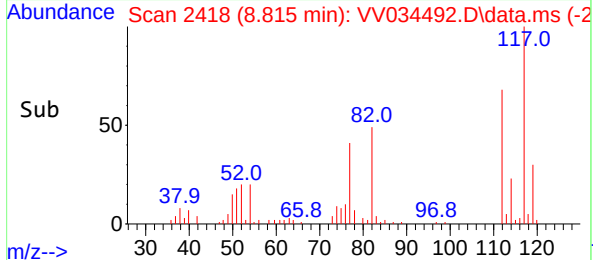
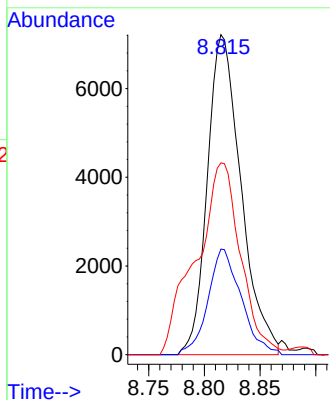
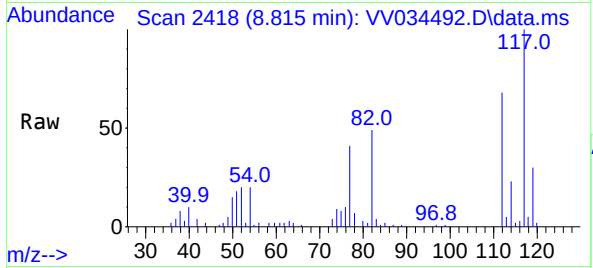
#51
Chlorobenzene
Concen: 2.515 ug/L
RT: 8.815 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:112 Resp: 1519
Ion Ratio Lower Upper
112 100
114 33.0 22.3 41.5
77 60.0 47.7 71.5

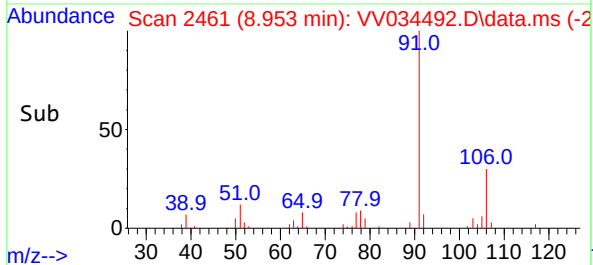
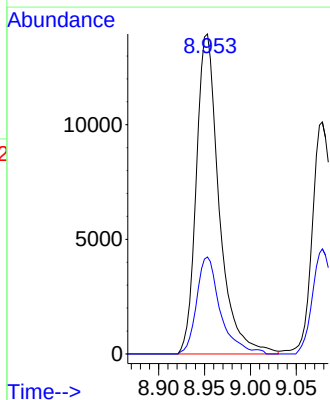
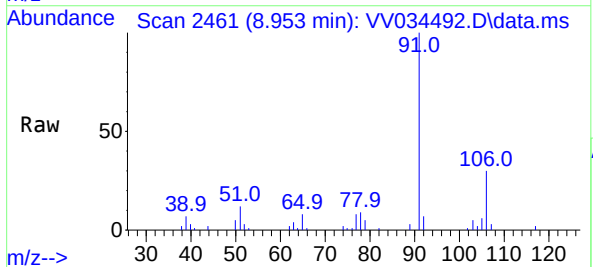
Manual Integrations
APPROVED

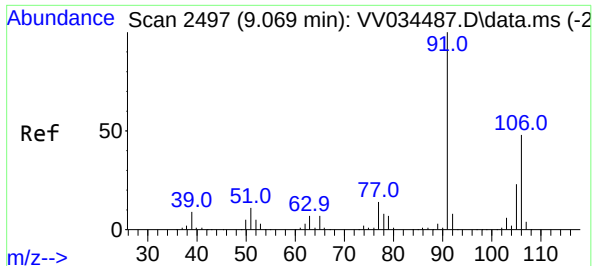
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#52
Ethylbenzene
Concen: 2.312 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.009 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion: 91 Resp: 24206
Ion Ratio Lower Upper
91 100
106 30.3 21.3 39.5





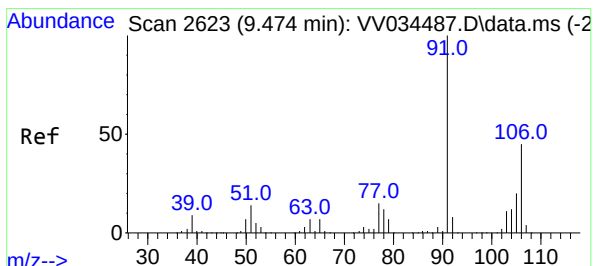
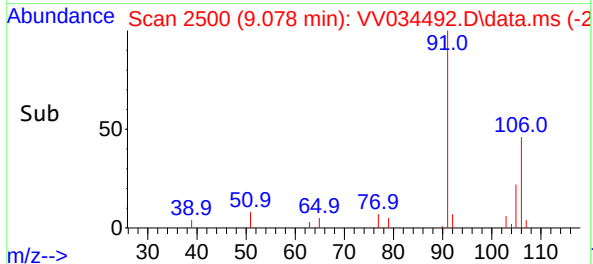
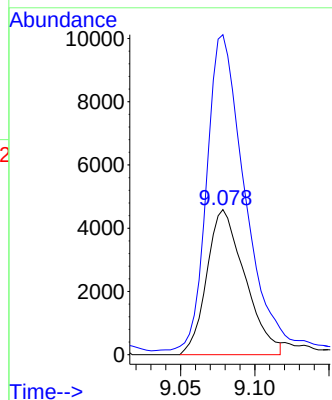
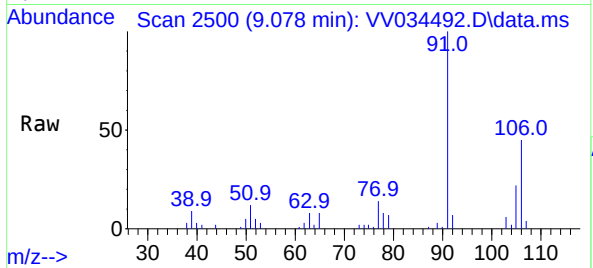
#53
m,p-Xylene
Concen: 2.063 ug/L
RT: 9.078 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:106 Resp: 8190
Ion Ratio Lower Upper
106 100
91 220.6 145.3 269.9

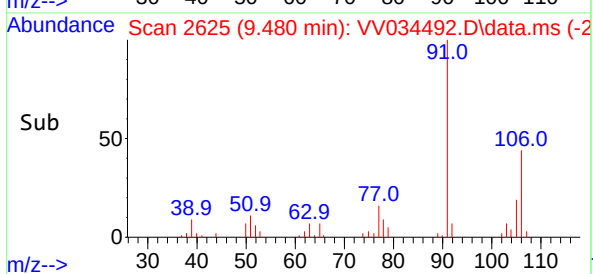
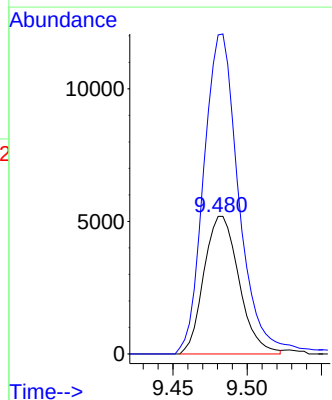
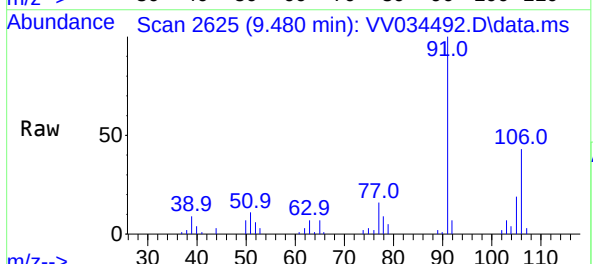
Manual Integrations
APPROVED

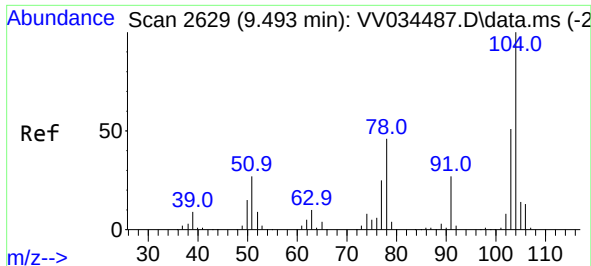
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#54
o-Xylene
Concen: 2.195 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion:106 Resp: 8540
Ion Ratio Lower Upper
106 100
91 231.9 152.2 282.7





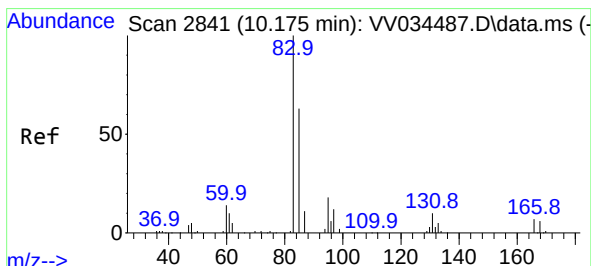
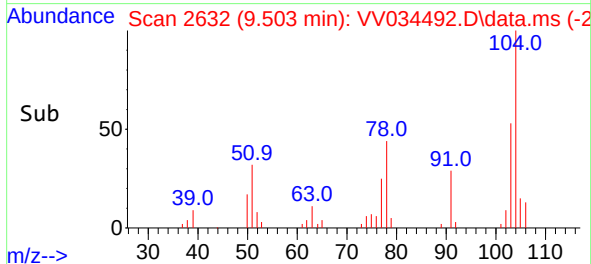
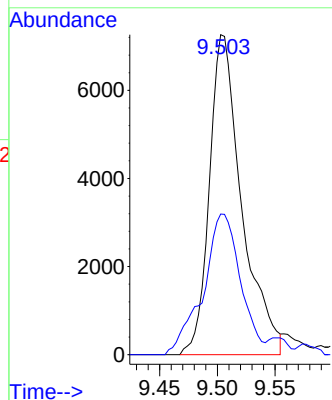
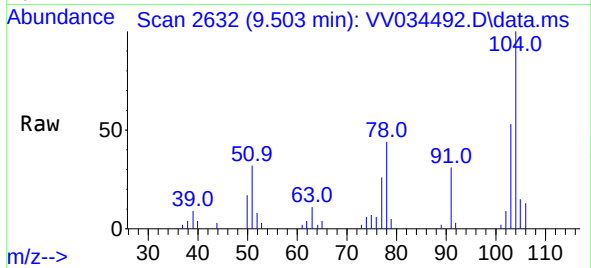
#55
Styrene
Concen: 2.147 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.009 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:104 Resp: 1414
Ion Ratio Lower Upper
104 100
78 43.9 33.0 61.4

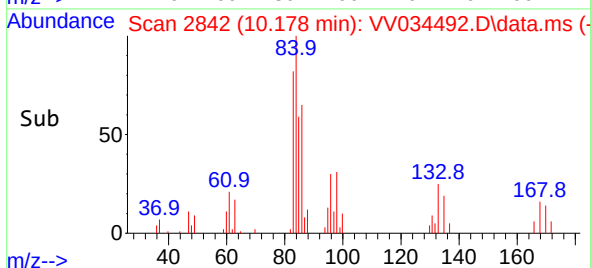
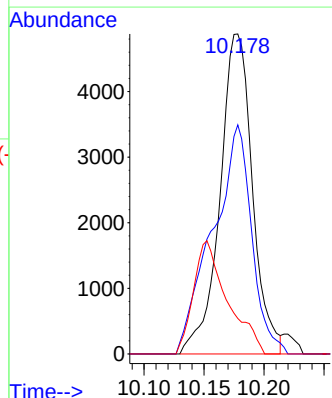
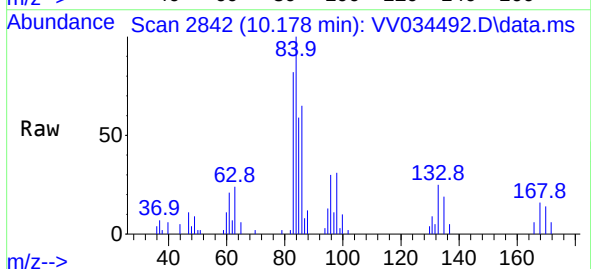
Manual Integrations
APPROVED

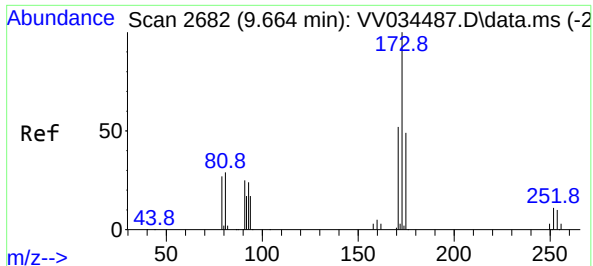
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 2.749 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.003 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

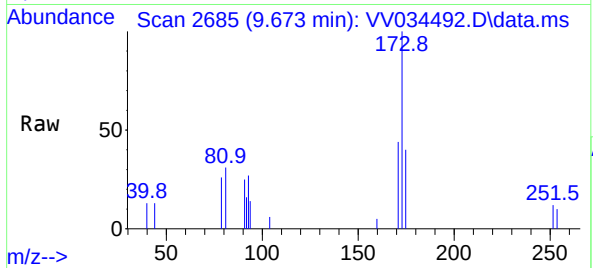
Tgt Ion: 83 Resp: 9208
Ion Ratio Lower Upper
83 100
85 71.6 45.4 84.2
131 17.2 8.3 12.5





#59
Bromoform
Concen: 2.191 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.009 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

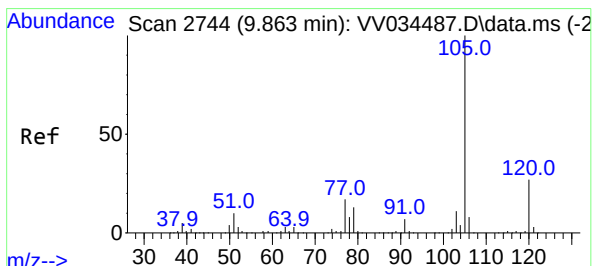
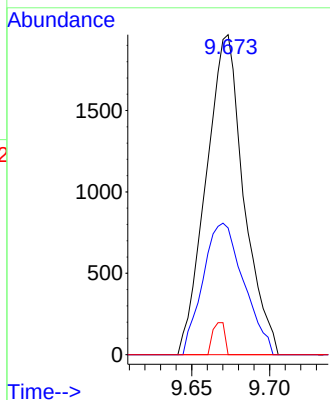
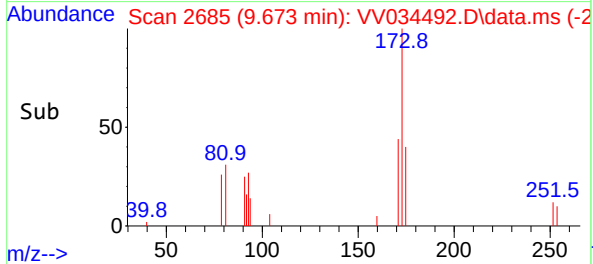
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



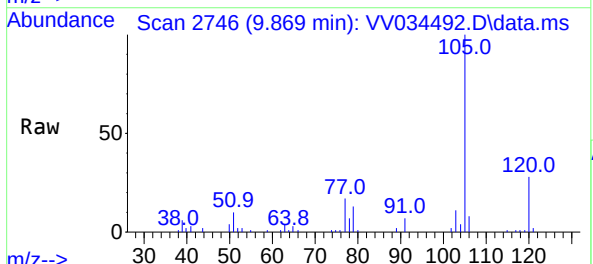
Tgt Ion:173 Resp: 330
Ion Ratio Lower Upper
173 100
175 44.6 39.1 58.7
254 3.2 7.8 11.8

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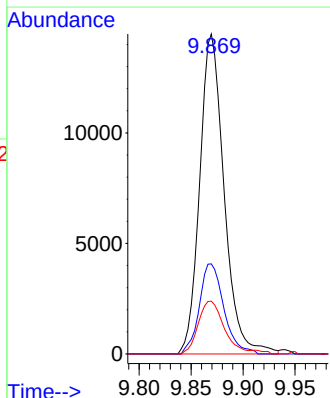
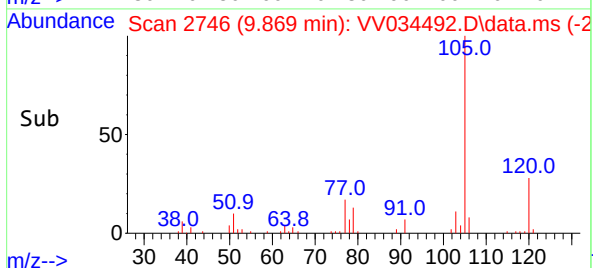
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

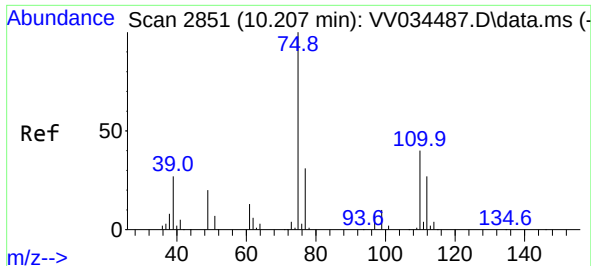


#60
Isopropylbenzene
Concen: 2.457 ug/L
RT: 9.869 min Scan# 2746
Delta R.T. 0.006 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25



Tgt Ion:105 Resp: 23656
Ion Ratio Lower Upper
105 100
120 28.3 20.8 31.2
77 17.3 13.0 19.6





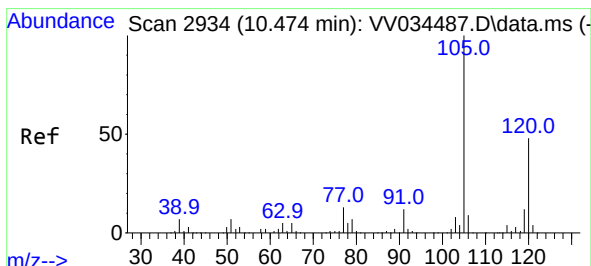
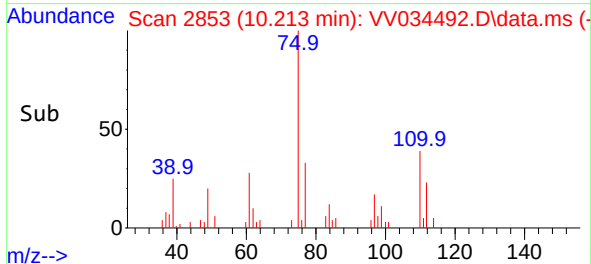
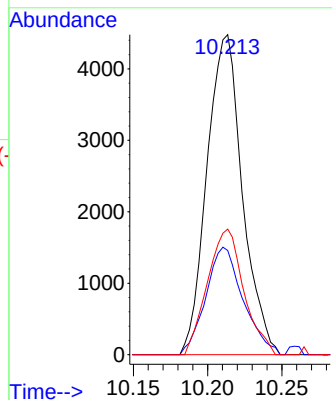
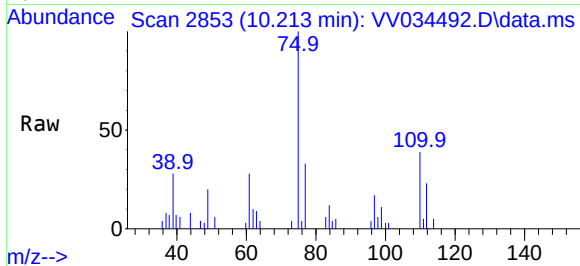
#61
1,2,3-Trichloropropane
Concen: 2.864 ug/L
RT: 10.213 min Scan# 2853
Delta R.T. 0.006 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion: 75 Resp: 744
Ion Ratio Lower Upper
75 100
77 35.4 25.9 38.9
110 40.3 33.1 49.7

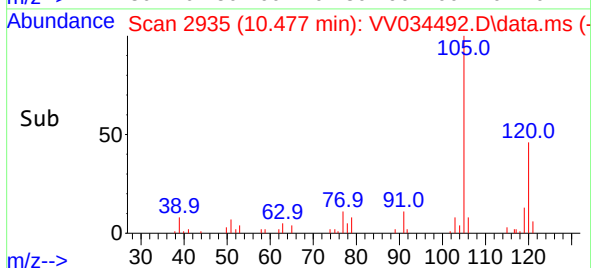
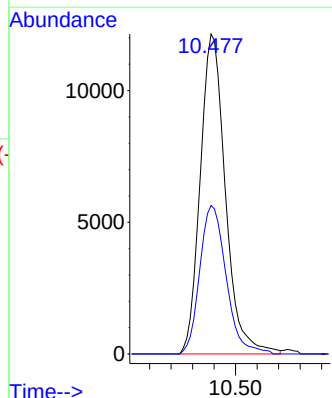
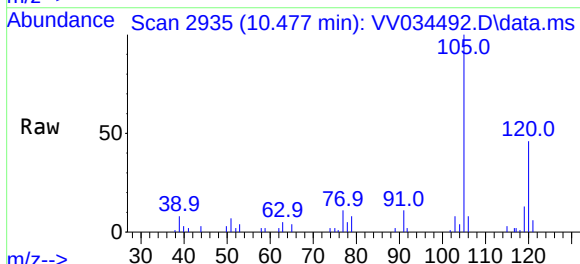
Manual Integrations
APPROVED

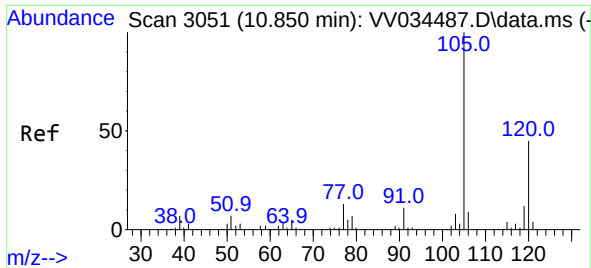
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#62
1,3,5-Trimethylbenzene
Concen: 2.430 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Tgt Ion:105 Resp: 19741
Ion Ratio Lower Upper
105 100
120 48.6 38.2 57.2





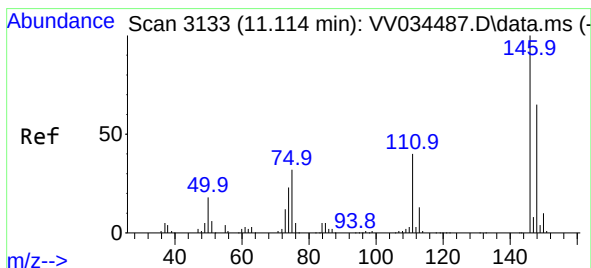
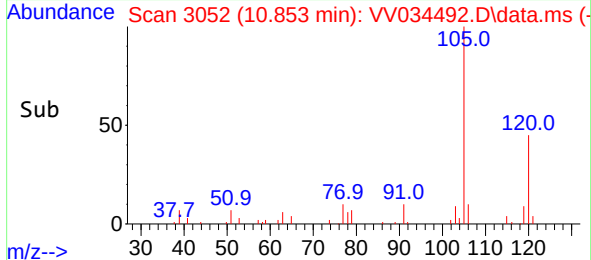
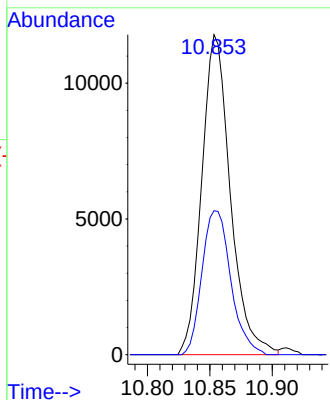
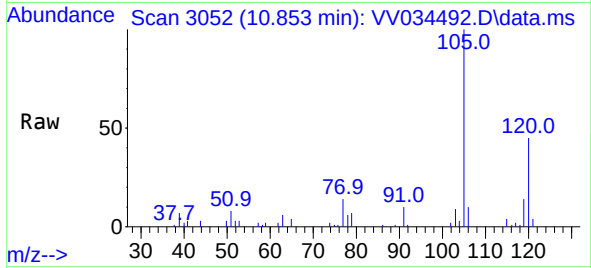
#63
1,2,4-Trimethylbenzene
Concen: 2.343 ug/L
RT: 10.853 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02

Tgt Ion:105 Resp: 18819
Ion Ratio Lower Upper
105 100
120 45.4 36.2 54.4

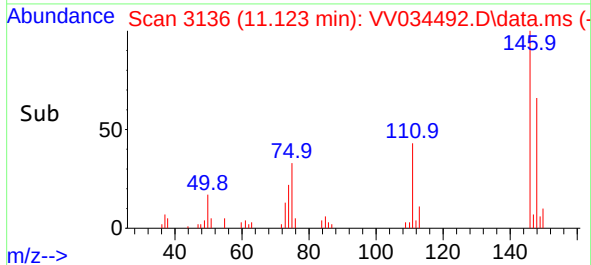
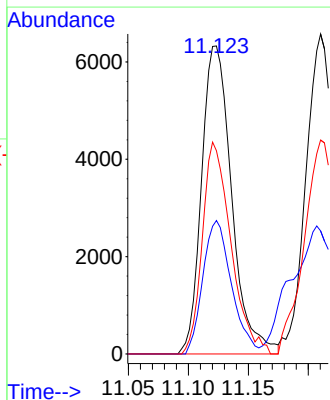
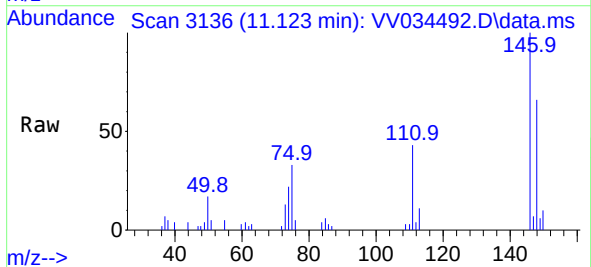
Manual Integrations
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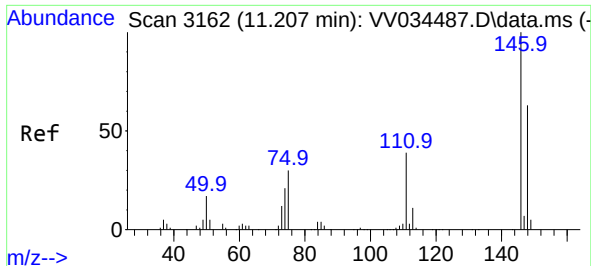
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024



#64
1,3-Dichlorobenzene
Concen: 2.486 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.010 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

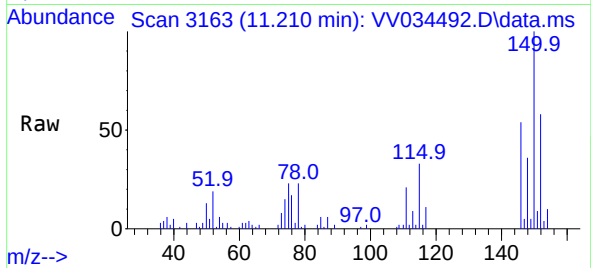
Tgt Ion:146 Resp: 11067
Ion Ratio Lower Upper
146 100
111 43.3 27.9 51.7
148 66.0 44.2 82.0





#65
1,4-Dichlorobenzene
Concen: 2.611 ug/L
RT: 11.210 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

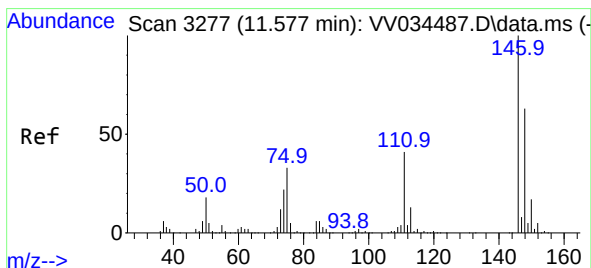
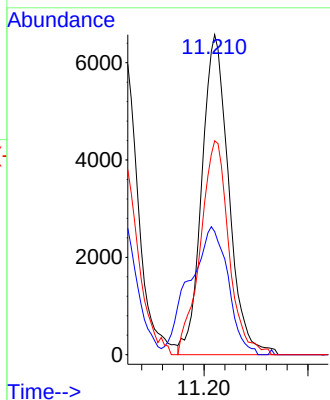
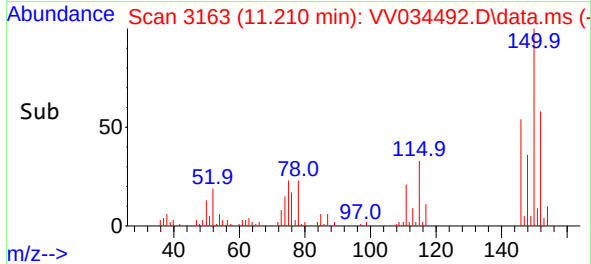
Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



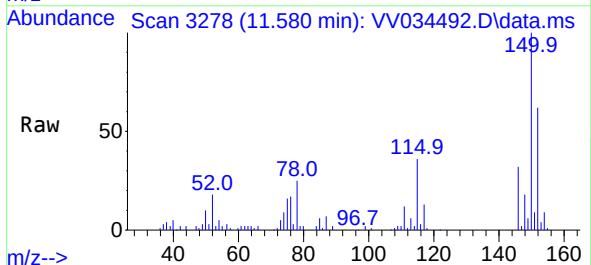
Tgt Ion:146 Resp: 1180
Ion Ratio Lower Upper
146 100
111 38.4 26.5 49.1
148 66.8 44.0 81.8

Manual Integrations
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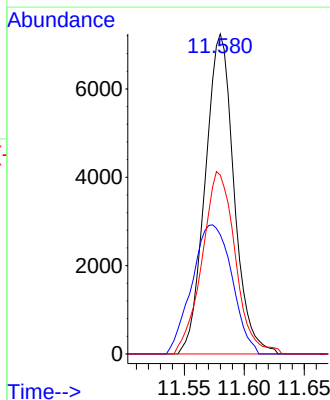
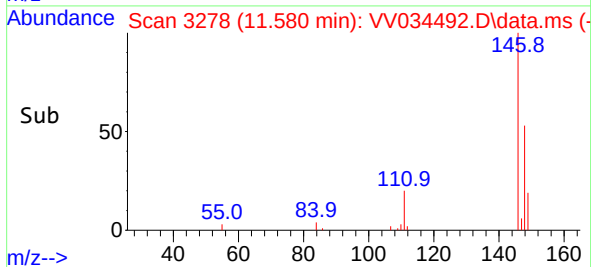
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

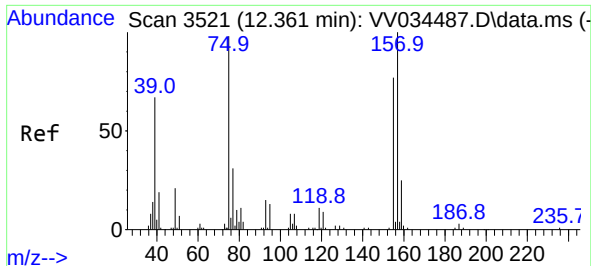


#67
1,2-Dichlorobenzene
Concen: 2.712 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25



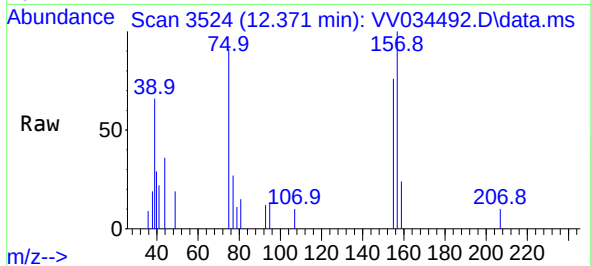
Tgt Ion:146 Resp: 12097
Ion Ratio Lower Upper
146 100
111 37.2 33.8 50.8
148 55.9 51.3 76.9





#68
1,2-Dibromo-3-chloropropane
Concen: 2.471 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. 0.009 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

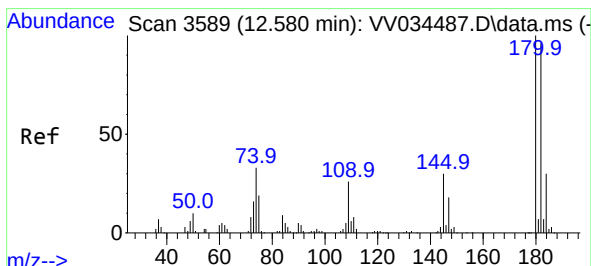
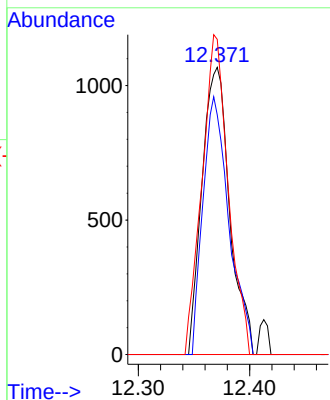
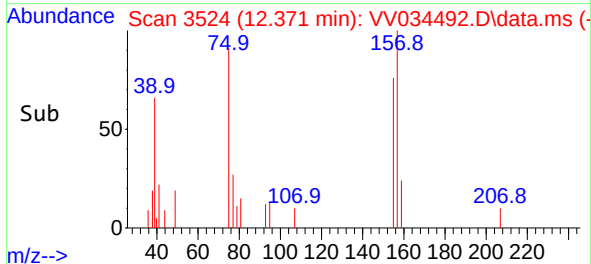
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



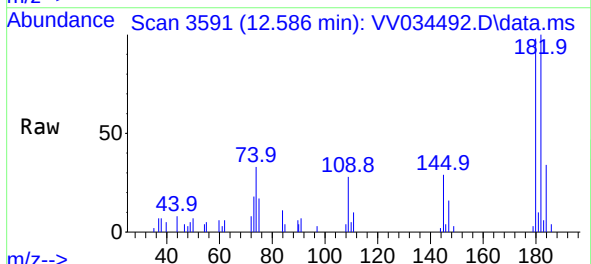
Tgt Ion: 75 Resp: 191
Ion Ratio Lower Upper
75 100
155 83.4 63.3 94.9
157 109.7 81.4 122.0

Manual Integrations
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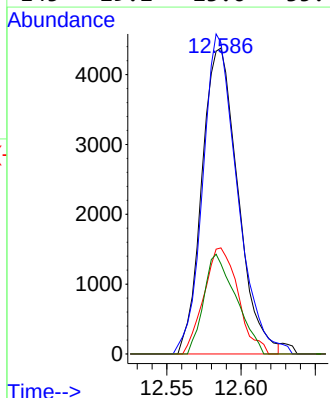
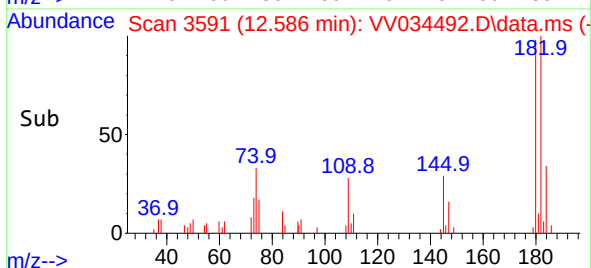
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

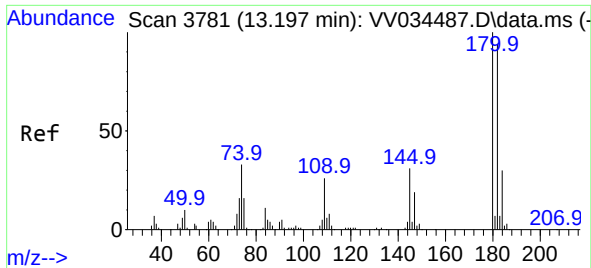


#69
1,3,5-Trichlorobenzene
Concen: 2.207 ug/L
RT: 12.586 min Scan# 3591
Delta R.T. 0.006 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25



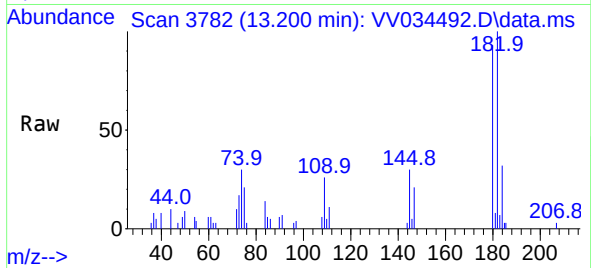
Tgt Ion:180 Resp: 7370
Ion Ratio Lower Upper
180 100
182 100.4 74.6 112.0
184 33.1 23.6 35.4
145 29.2 23.6 35.4





#70
1,2,4-trichlorobenzene
Concen: 2.168 ug/L
RT: 13.200 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

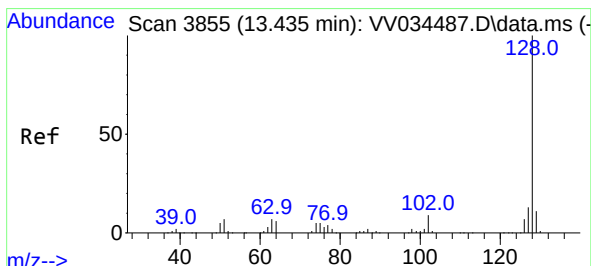
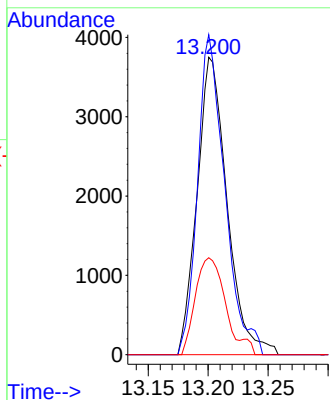
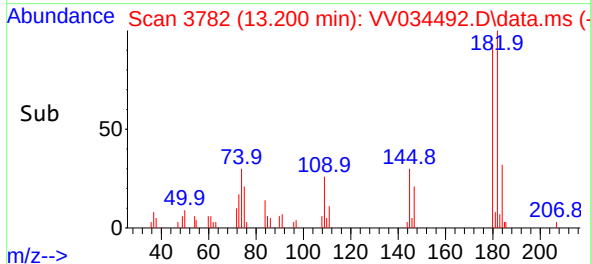
Instrument :
MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



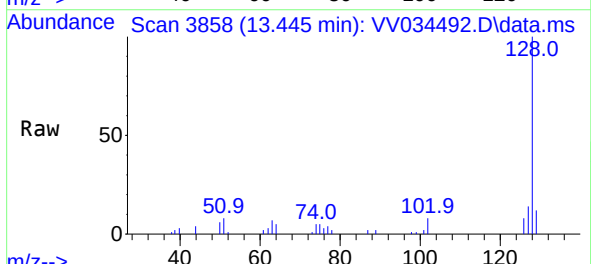
Tgt Ion:180 Resp: 6510
Ion Ratio Lower Upper
180 100
182 95.1 74.8 112.2
145 31.3 24.2 36.4

Manual Integrations
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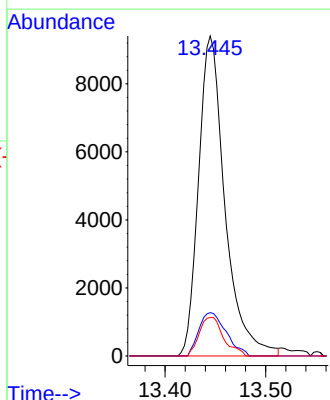
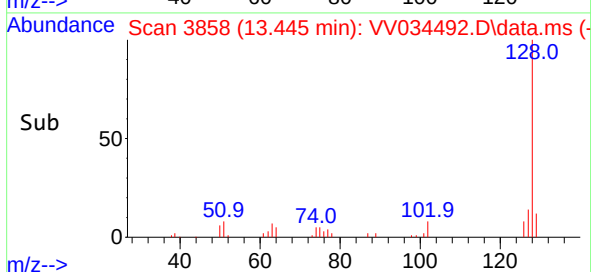
Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

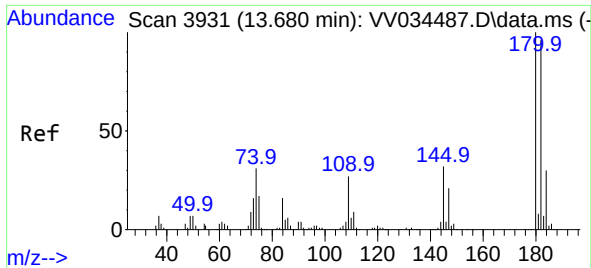


#71
Naphthalene
Concen: 2.135 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.010 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25



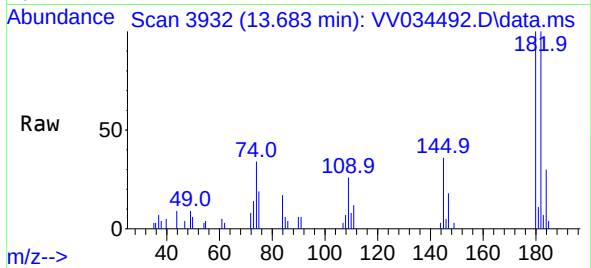
Tgt Ion:128 Resp: 17165
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 11.1 8.7 13.1





#72
1,2,3-Trichlorobenzene
Concen: 2.352 ug/L
RT: 13.683 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV034492.D
Acq: 01 Mar 2024 11:25

Instrument : MSVOA_V
ClientSampleId :
MDL-MED-SOIL-QT1-2024-02



Tgt Ion:180 Resp: 6895
Ion Ratio Lower Upper
180 100
182 95.6 75.9 113.9
145 33.1 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/05/2024
Supervised By :Semsettin Yesilyurt 03/05/2024

