

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073024\
 Data File : VX042741.D
 Acq On : 30 Jul 2024 15:55
 Operator : JC/MD
 Sample : P3391-05 2.5PPB
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jul 31 05:48:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 03:10:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	132631	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	119487	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	47545	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	34544	42.870	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.740%		
7) Chloroethane-d5	1.648	69	16051	48.341	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.680%		
11) 1,1-Dichloroethene-d2	2.294	65	18745	47.215	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.420%		
21) 2-Butanone-d5	4.465	46	58688	98.270	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.270%		
24) Chloroform-d	5.056	84	85636	48.555	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.100%		
26) 1,2-Dichloroethane-d4	5.952	65	59174	52.005	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.020%		
32) Benzene-d6	5.970	84	171336	51.667	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.340%		
36) 1,2-Dichloropropane-d6	7.306	67	49831	50.773	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.540%		
41) Toluene-d8	8.647	98	149603	50.316	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.640%		
43) trans-1,3-Dichloroprop...	8.952	79	22426	48.828	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.660%		
47) 2-Hexanone-d5	9.384	63	43214	98.481	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.480%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	69209	48.976	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.960%		
66) 1,2-Dichlorobenzene-d4	12.323	152	47540	52.908	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2273	1.940	ug/L	96
3) Chloromethane	1.301	50	1853	1.912	ug/L	97
5) Vinyl chloride	1.374	62	1714	1.861	ug/L #	34
6) Bromomethane	1.599	94	594	2.061	ug/L #	62
8) Chloroethane	1.666	64	780m	2.313	ug/L	
9) Trichlorofluoromethane	1.874	101	2403	1.843	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	2589	2.763	ug/L #	66
12) 1,1-Dichloroethene	2.306	96	2213	2.581	ug/L #	1
13) Acetone	2.392	43	2300	4.927	ug/L	98
14) Carbon disulfide	2.502	76	3617	1.728	ug/L #	86
15) Methyl Acetate	2.715	43	2153	2.081	ug/L	95
16) Methylene chloride	2.788	84	2741	2.768	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	1722	1.957	ug/L	95
18) Methyl tert-butyl Ether	3.123	73	6638	2.176	ug/L	99
19) 1,1-Dichloroethane	3.617	63	3506m	2.087	ug/L	
20) cis-1,2-Dichloroethene	4.495	96	2104	2.093	ug/L	85
22) 2-Butanone	4.593	43	2862m	4.025	ug/L	
23) Bromochloromethane	4.904	128	827m	1.738	ug/L	
27) 1,2-Dichloroethane	6.092	62	3173m	2.230	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073024\
 Data File : VX042741.D
 Acq On : 30 Jul 2024 15:55
 Operator : JC/MD
 Sample : P3391-05 2.5PPB
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

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

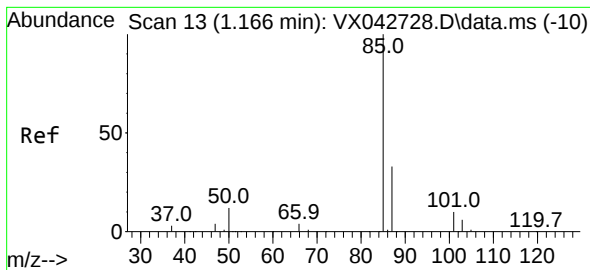
Quant Time: Jul 31 05:48:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 31 03:10:58 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.464	56	2538	1.797	ug/L #	77
30) 1,1,1-Trichloroethane	5.385	97	3392	2.222	ug/L #	76
31) Carbon tetrachloride	5.690	117	2741m	2.126	ug/L	
33) Benzene	6.044	78	7712	2.109	ug/L	100
35) Methylcyclohexane	7.379	83	3039m	2.055	ug/L	
37) 1,2-Dichloropropane	7.434	63	1913m	2.013	ug/L	
38) Bromodichloromethane	7.830	83	2193	1.785	ug/L #	92
39) cis-1,3-Dichloropropene	8.366	75	2915	1.998	ug/L	89
40) 4-Methyl-2-pentanone	8.580	43	4361	3.335	ug/L #	90
42) Toluene	8.720	91	7842	2.082	ug/L	94
44) trans-1,3-Dichloropropene	8.982	75	2073	1.568	ug/L	86
45) 1,1,2-Trichloroethane	9.159	97	2045	2.131	ug/L	94
46) Tetrachloroethene	9.275	164	1387	2.082	ug/L	88
48) 2-Hexanone	9.439	43	4579	4.503	ug/L #	85
49) Dibromochloromethane	9.519	129	1878	2.095	ug/L	97
50) 1,2-Dibromoethane	9.610	107	2282	2.286	ug/L #	77
51) Chlorobenzene	10.079	112	5286	2.170	ug/L	88
52) Ethylbenzene	10.195	91	7642	1.850	ug/L	96
53) m,p-Xylene	10.305	106	2937	1.887	ug/L	85
54) o-Xylene	10.646	106	2940	1.899	ug/L	92
55) Styrene	10.659	104	4628	1.793	ug/L	90
57) 1,1,2,2-Tetrachloroethane	11.207	83	3319	2.162	ug/L #	82
59) Bromoform	10.805	173	1054	1.975	ug/L #	92
60) Isopropylbenzene	10.963	105	7144	1.989	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	2578	2.344	ug/L #	87
62) 1,3,5-Trimethylbenzene	11.451	105	5322	1.781	ug/L	92
63) 1,2,4-Trimethylbenzene	11.756	105	5463	1.852	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	3436	2.224	ug/L	91
65) 1,4-Dichlorobenzene	12.043	146	3826	2.459	ug/L	85
67) 1,2-Dichlorobenzene	12.329	146	3610	2.320	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	561m	1.914	ug/L	
69) 1,3,5-Trichlorobenzene	13.116	180	2022m	2.110	ug/L	
70) 1,2,4-trichlorobenzene	13.591	180	1572	1.871	ug/L	94
71) Naphthalene	13.780	128	6231	1.922	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	1870m	2.148	ug/L	

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



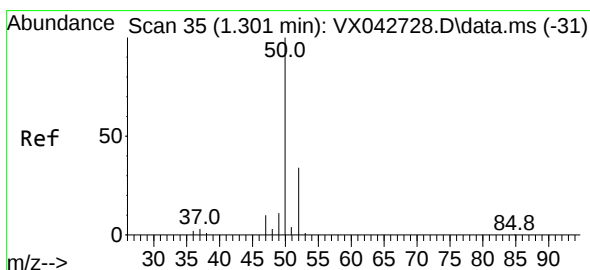
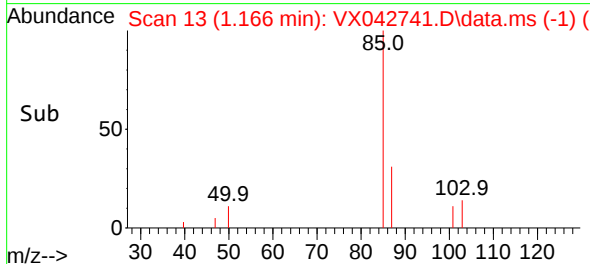
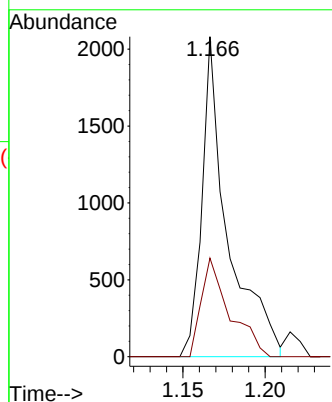
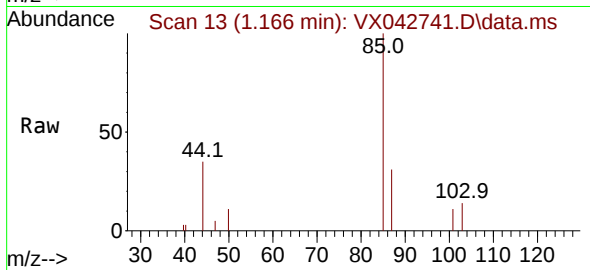
#2
Dichlorodifluoromethane
Concen: 1.940 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

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

Tgt Ion: 85 Resp: 227
Ion Ratio Lower Upper
85 100
87 30.0 25.8 38.8

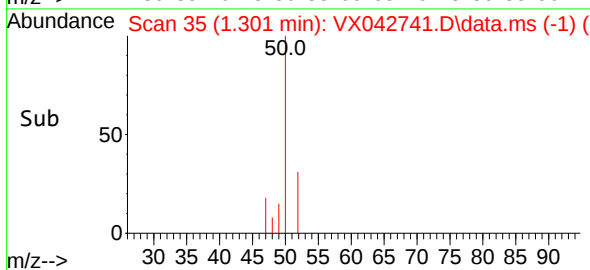
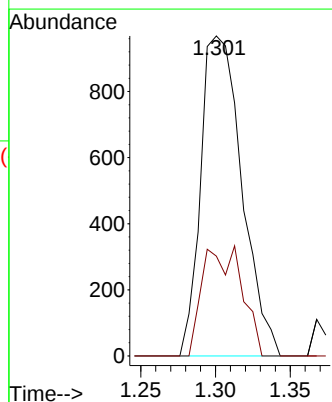
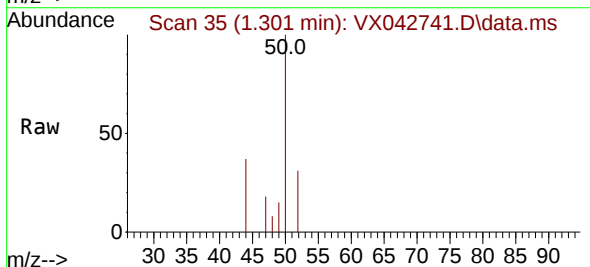
Manual Integrations
APPROVED

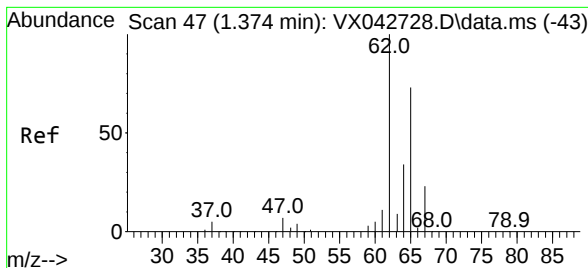
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#3
Chloromethane
Concen: 1.912 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

Tgt Ion: 50 Resp: 1853
Ion Ratio Lower Upper
50 100
52 31.2 23.0 42.6





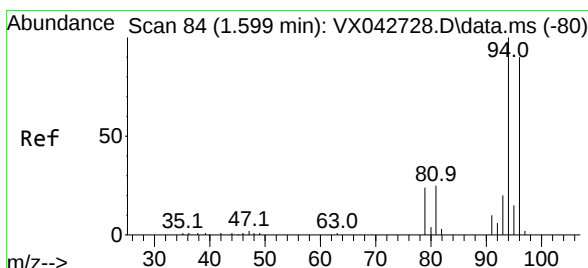
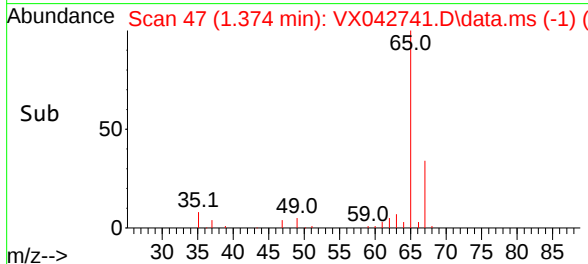
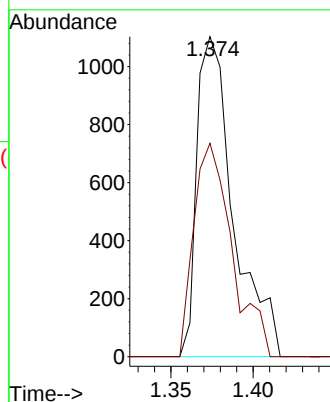
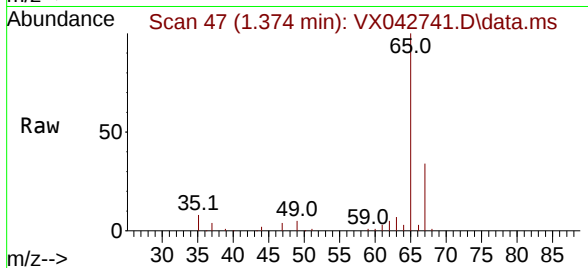
#5
 Vinyl chloride
 Concen: 1.861 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX042741.D
 Acq: 30 Jul 2024 15:55

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

Tgt Ion: 62 Resp: 1714
 Ion Ratio Lower Upper
 62 100
 64 66.7 21.6 40.0

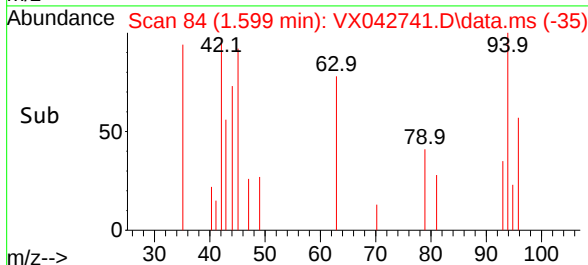
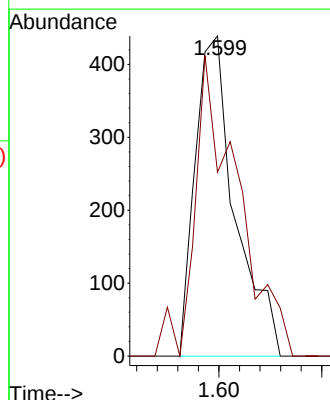
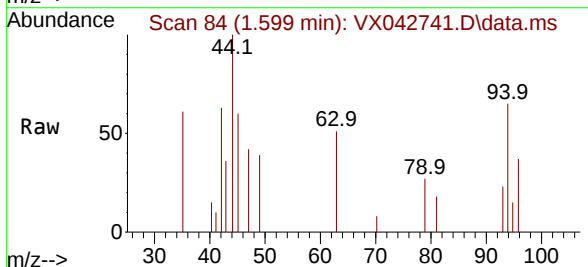
Manual Integrations
 APPROVED

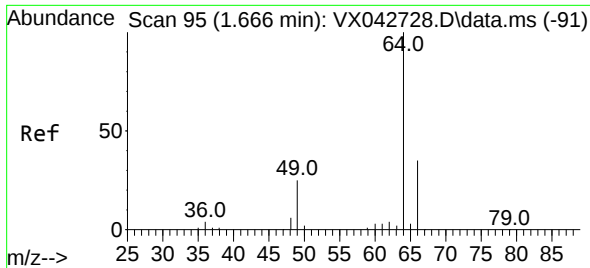
Reviewed By :John Carlone 07/31/2024
 Supervised By :Semsettin Yesilyurt 07/31/2024



#6
 Bromomethane
 Concen: 2.061 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX042741.D
 Acq: 30 Jul 2024 15:55

Tgt Ion: 94 Resp: 594
 Ion Ratio Lower Upper
 94 100
 96 57.4 66.1 122.7





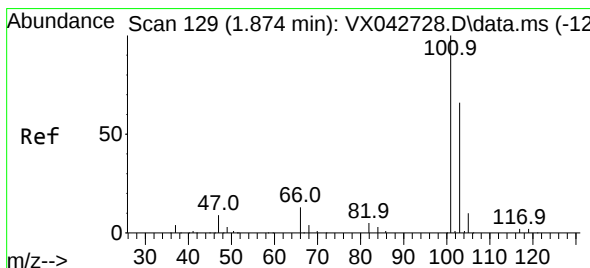
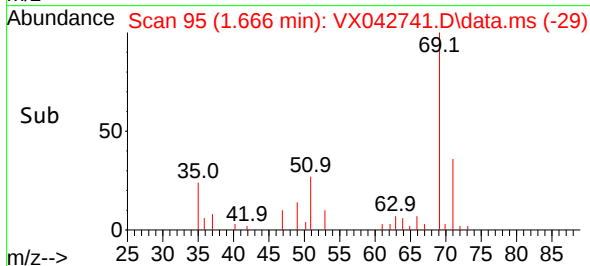
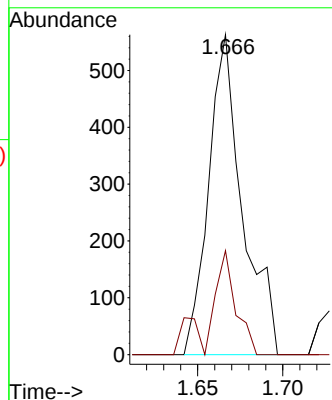
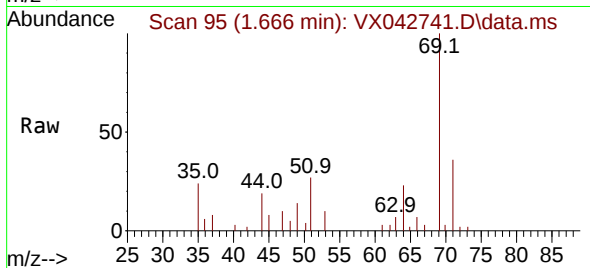
#8
Chloroethane
Concen: 2.313 ug/L m
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

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

Tgt Ion: 64 Resp: 780
Ion Ratio Lower Upper
64 100
66 32.5 21.4 39.8

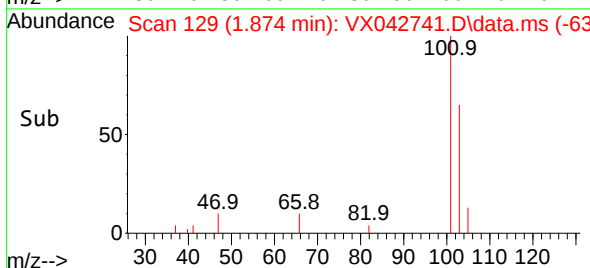
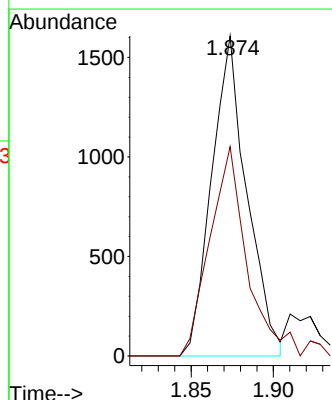
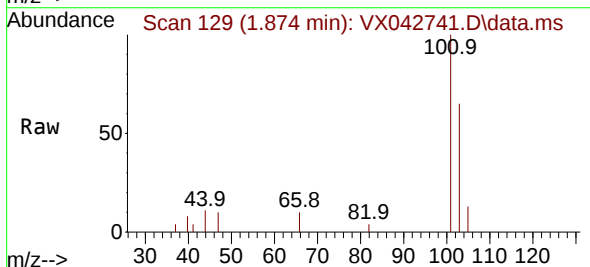
Manual Integrations
APPROVED

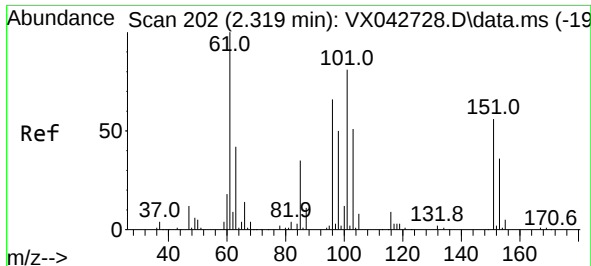
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#9
Trichlorofluoromethane
Concen: 1.843 ug/L
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

Tgt Ion:101 Resp: 2403
Ion Ratio Lower Upper
101 100
103 66.7 45.2 67.8





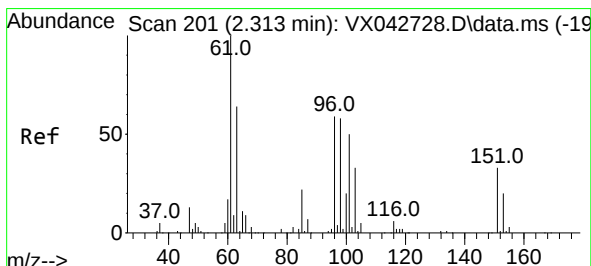
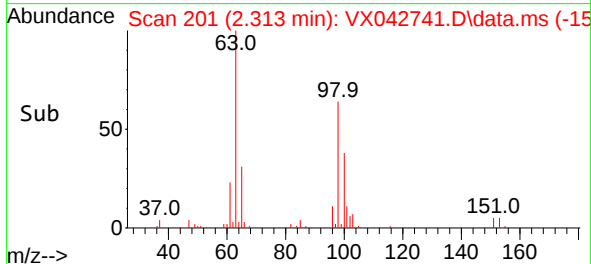
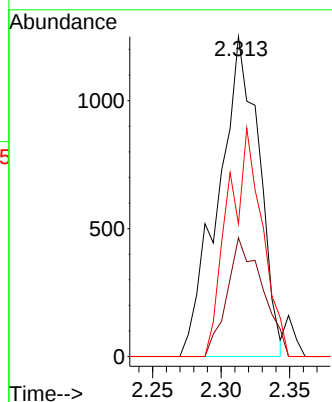
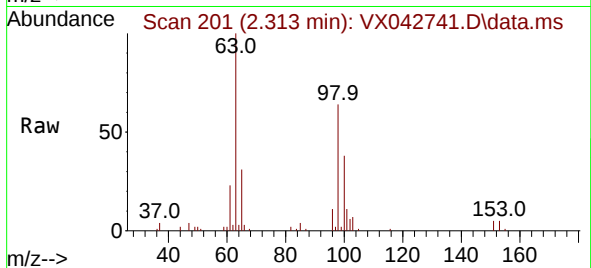
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.763 ug/L
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

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

Tgt Ion:101 Resp: 2589
Ion Ratio Lower Upper
101 100
85 32.1 34.4 51.6
151 34.4 56.6 85.0

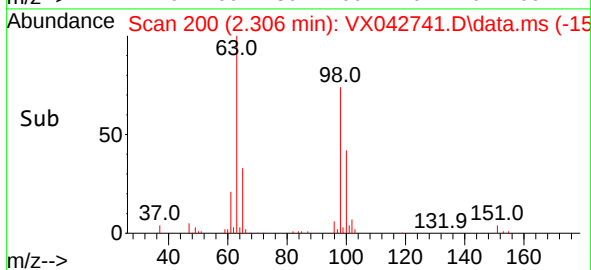
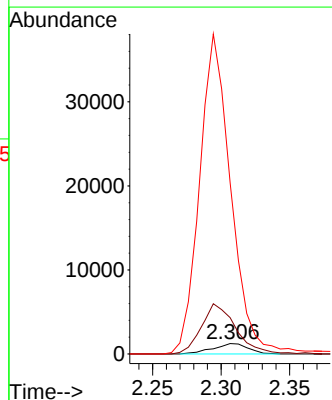
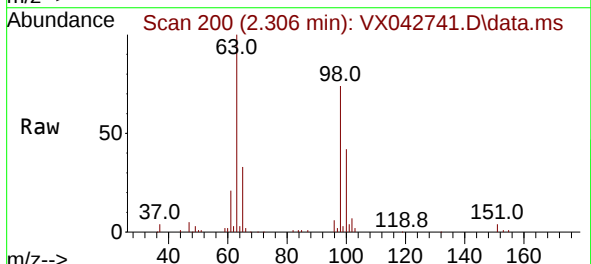
Manual Integrations
APPROVED

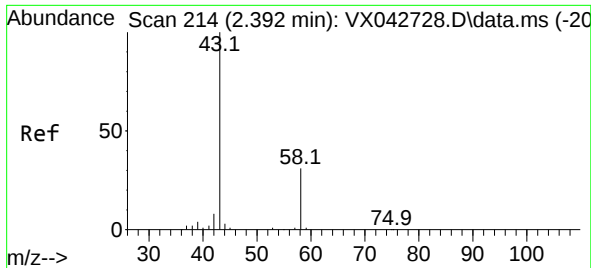
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#12
1,1-Dichloroethene
Concen: 2.581 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

Tgt Ion: 96 Resp: 2213
Ion Ratio Lower Upper
96 100
61 348.8 113.0 209.9#
63 1642.5 70.5 130.9#





#13

Acetone

Concen: 4.927 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX042741.D

Acq: 30 Jul 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05

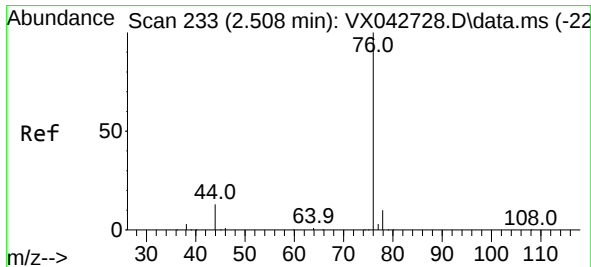
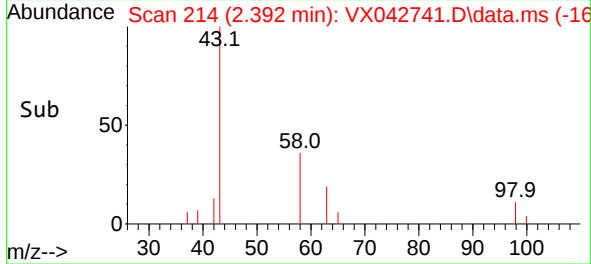
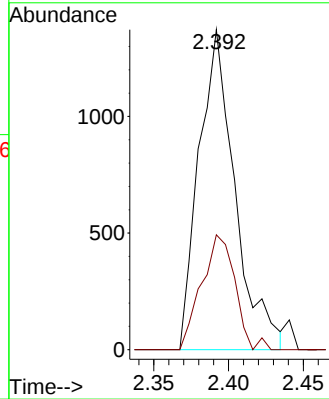
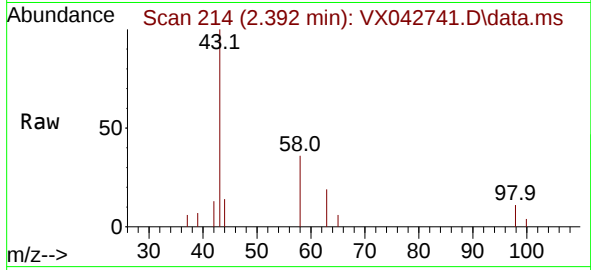
Tgt Ion: 43 Resp: 2300
Ion Ratio Lower Upper
43 100
58 32.5 0.0 62.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2024

Supervised By :Semsettin Yesilyurt 07/31/2024



#14

Carbon disulfide

Concen: 1.728 ug/L

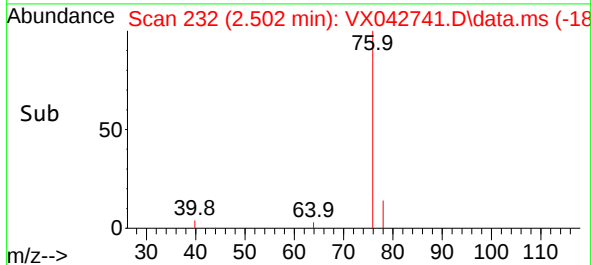
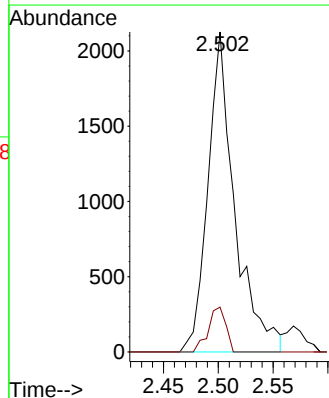
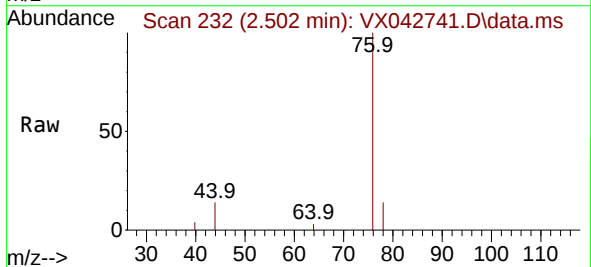
RT: 2.502 min Scan# 232

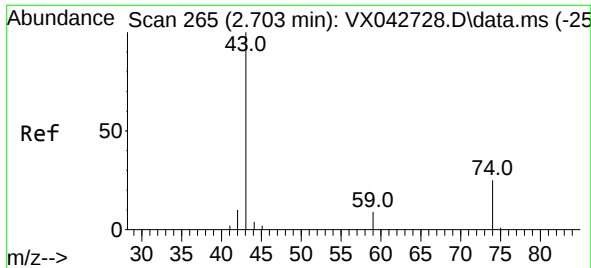
Delta R.T. -0.006 min

Lab File: VX042741.D

Acq: 30 Jul 2024 15:55

Tgt Ion: 76 Resp: 3617
Ion Ratio Lower Upper
76 100
78 14.0 7.0 10.6#





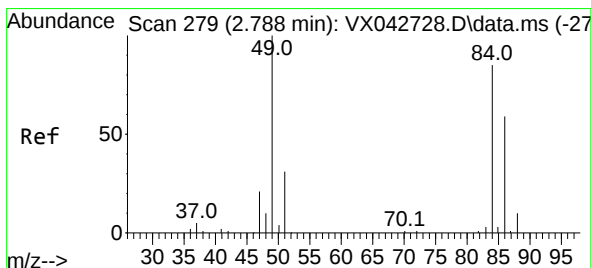
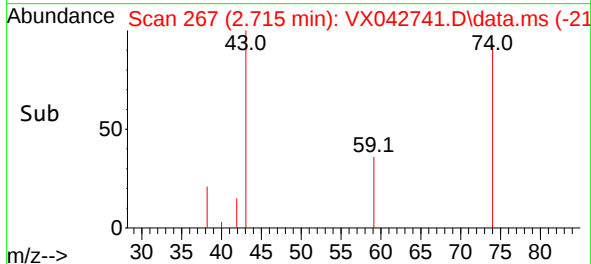
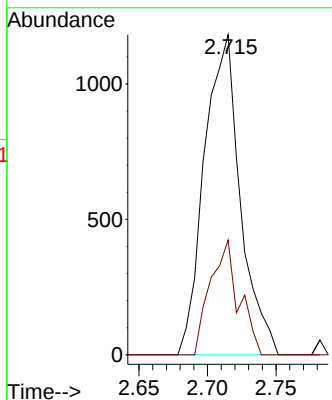
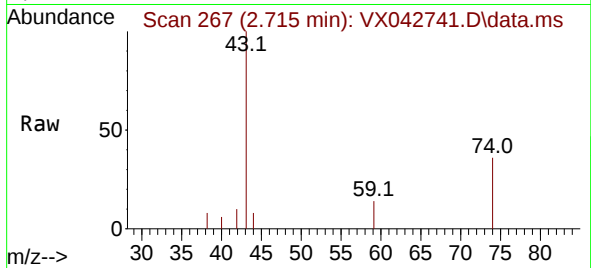
#15
Methyl Acetate
Concen: 2.081 ug/L
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

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

Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
74 28.5 21.0 31.4

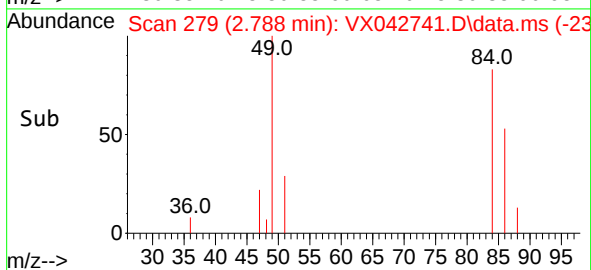
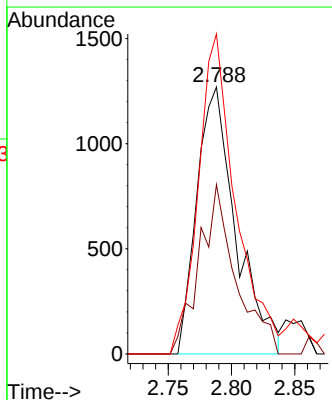
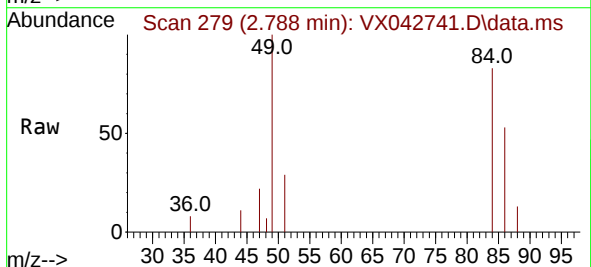
Manual Integrations
APPROVED

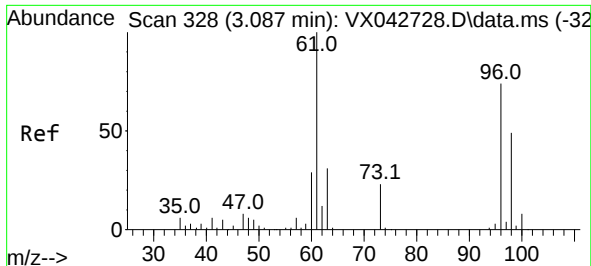
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#16
Methylene chloride
Concen: 2.768 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

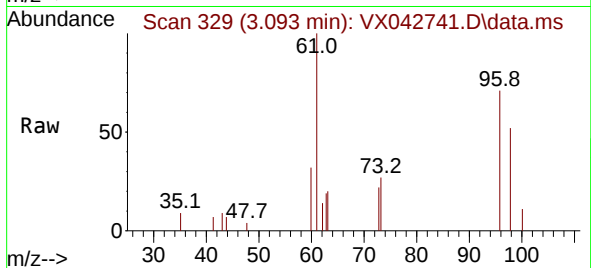
Tgt Ion: 84 Resp: 2741
Ion Ratio Lower Upper
84 100
86 63.4 43.5 80.7
49 119.9 81.1 150.7





#17
trans-1,2-Dichloroethene
Concen: 1.957 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

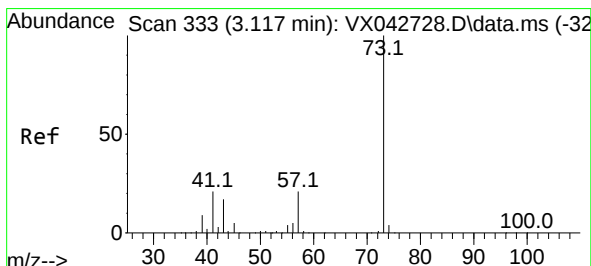
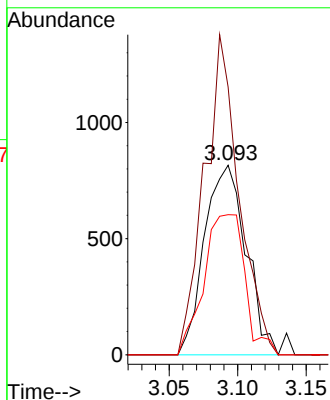
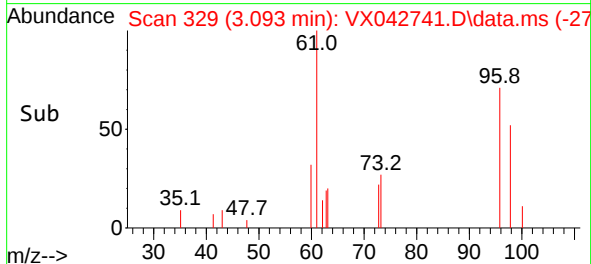
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



Tgt Ion: 96 Resp: 172
Ion Ratio Lower Upper
96 100
61 141.3 99.3 184.3
98 73.9 43.8 81.3

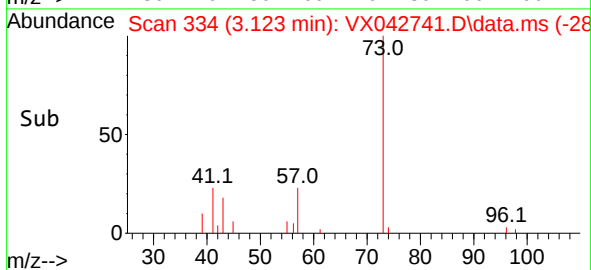
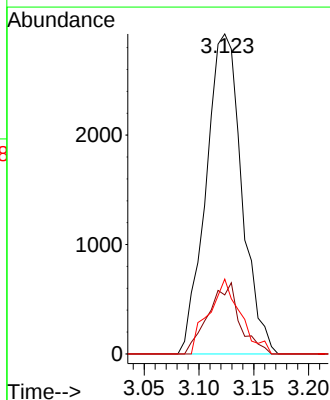
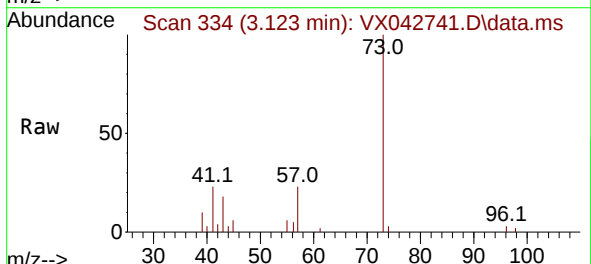
Manual Integrations
APPROVED

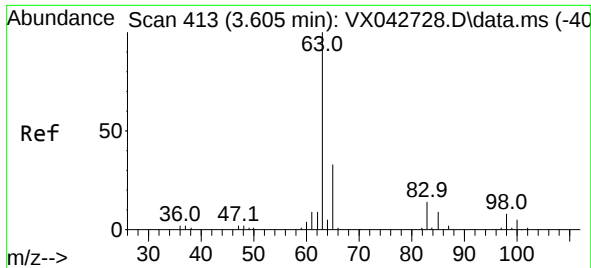
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#18
Methyl tert-butyl Ether
Concen: 2.176 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

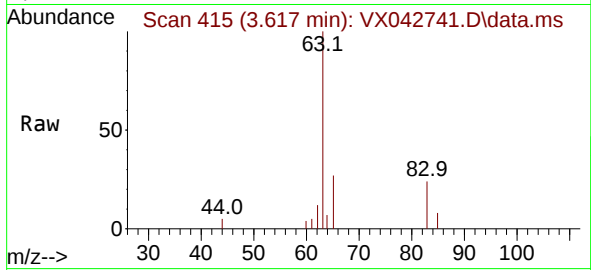
Tgt Ion: 73 Resp: 6638
Ion Ratio Lower Upper
73 100
43 19.6 15.4 23.2
57 20.1 16.9 25.3





#19
1,1-Dichloroethane
Concen: 2.087 ug/L m
RT: 3.617 min Scan# 413
Delta R.T. 0.012 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

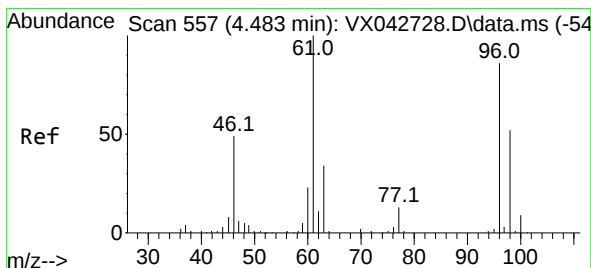
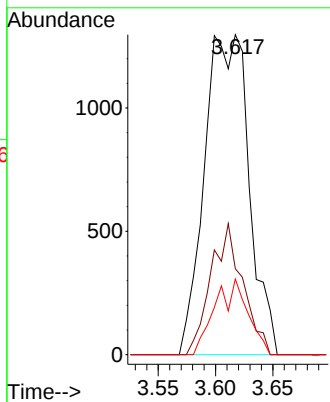
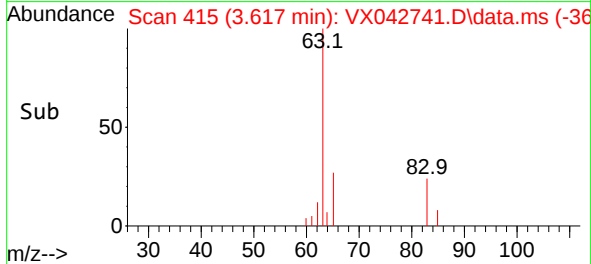
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



Tgt Ion: 63 Resp: 3500
Ion Ratio Lower Upper
63 100
65 26.8 23.6 43.8
83 23.7 10.9 20.3

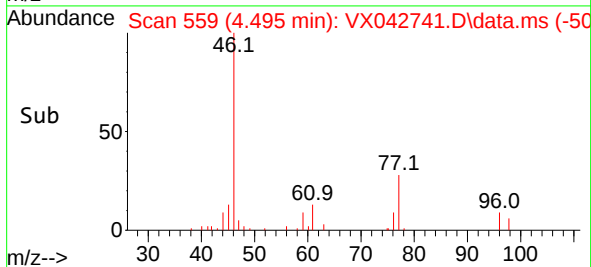
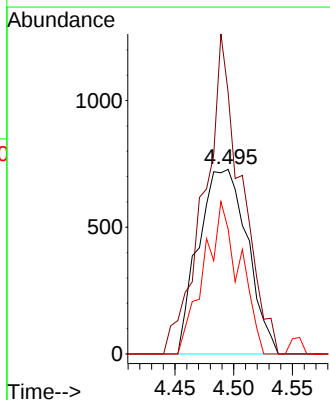
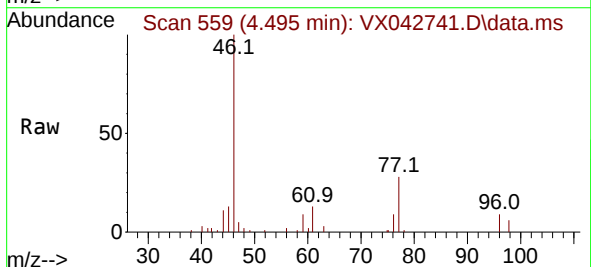
Manual Integrations
APPROVED

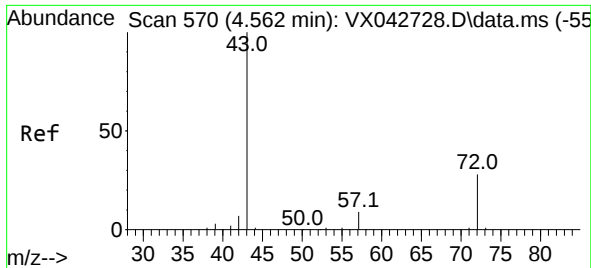
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#20
cis-1,2-Dichloroethene
Concen: 2.093 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

Tgt Ion: 96 Resp: 2104
Ion Ratio Lower Upper
96 100
61 141.7 85.3 158.3
98 67.6 42.7 79.3





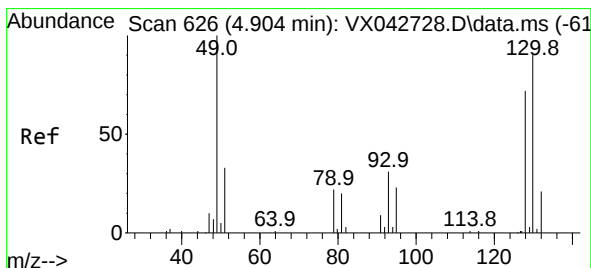
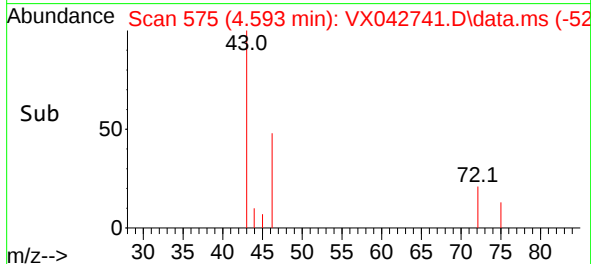
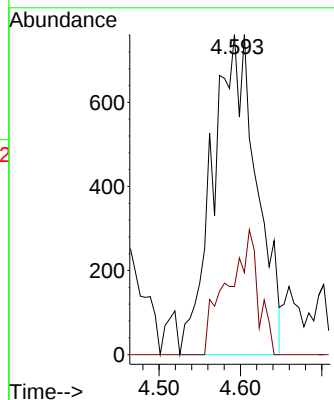
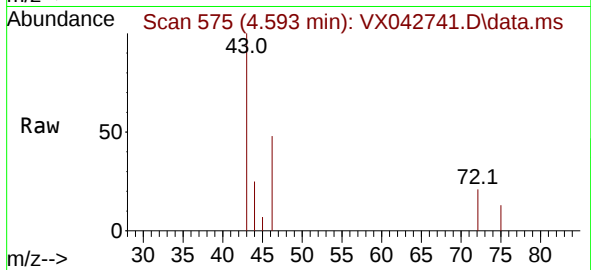
#22
2-Butanone
Concen: 4.025 ug/L m
RT: 4.593 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

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

Tgt Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
72 6.2 13.4 40.2

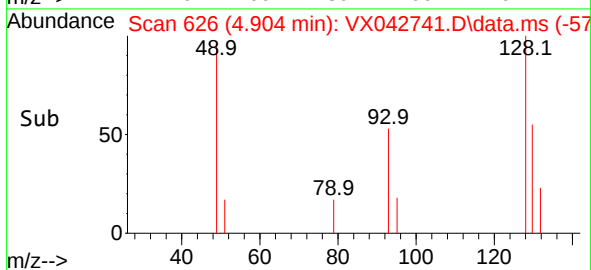
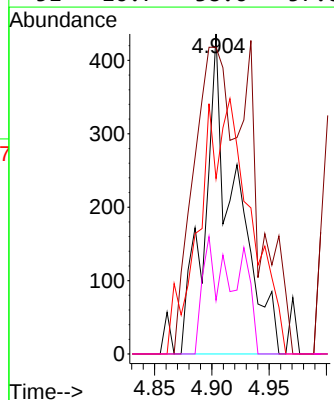
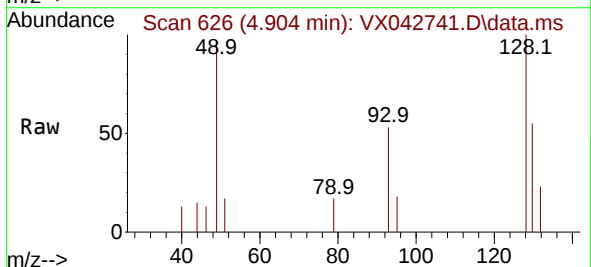
Manual Integrations
APPROVED

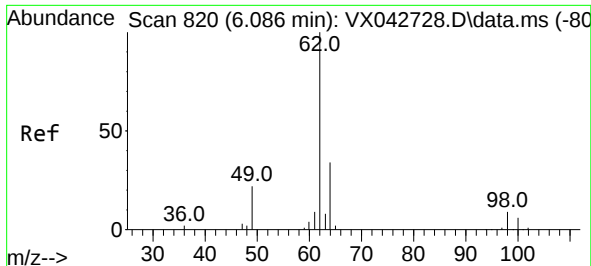
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#23
Bromochloromethane
Concen: 1.738 ug/L m
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

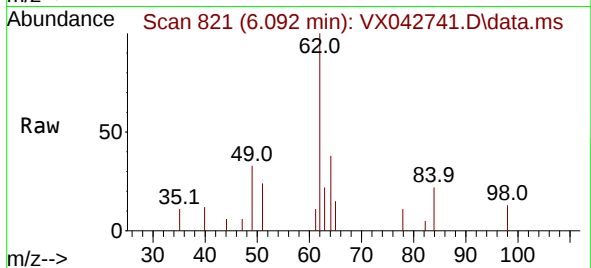
Tgt Ion:128 Resp: 827
Ion Ratio Lower Upper
128 100
49 95.9 107.0 198.6#
130 54.8 85.5 158.9#
51 16.7 38.6 57.8#





#27
1,2-Dichloroethane
Concen: 2.230 ug/L m
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

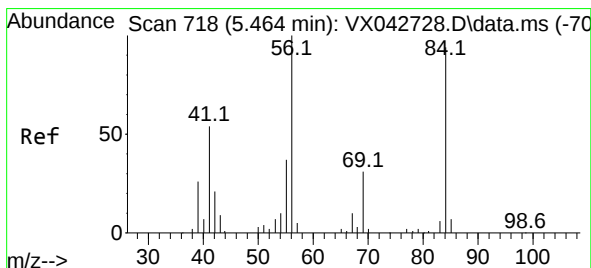
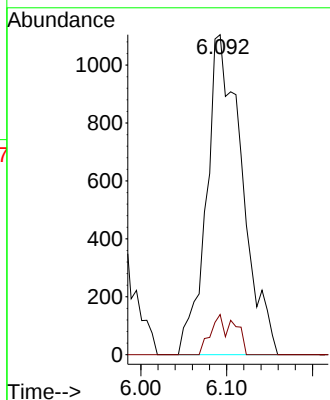
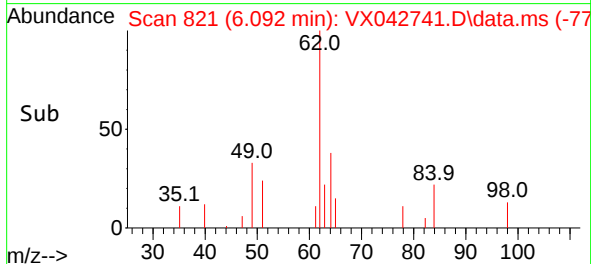
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



Tgt Ion: 62 Resp: 317
Ion Ratio Lower Upper
62 100
98 12.6 7.1 10.7

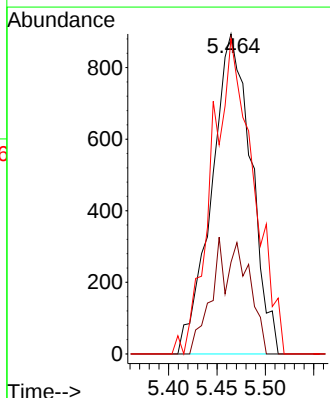
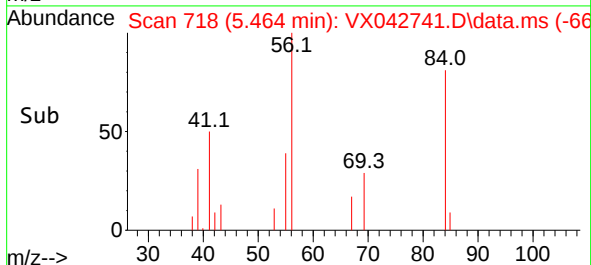
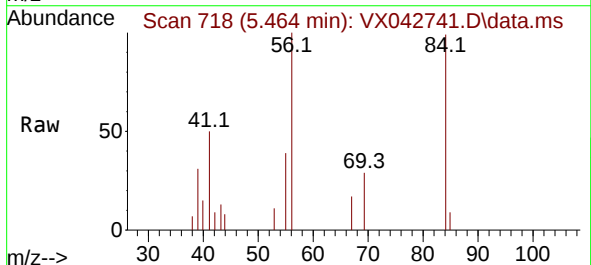
Manual Integrations
APPROVED

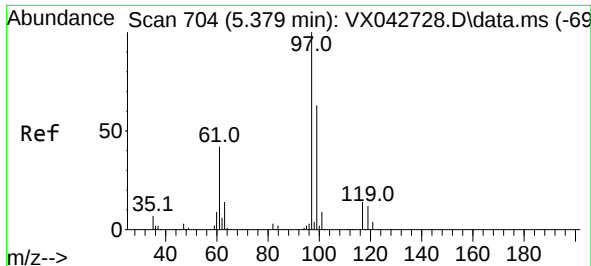
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#29
Cyclohexane
Concen: 1.797 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

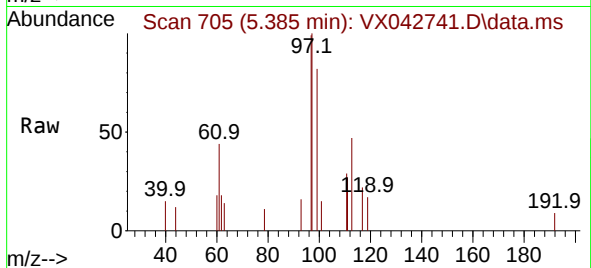
Tgt Ion: 56 Resp: 2538
Ion Ratio Lower Upper
56 100
69 18.3 26.1 39.1#
84 72.7 75.5 113.3#





#30
1,1,1-Trichloroethane
Concen: 2.222 ug/L
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

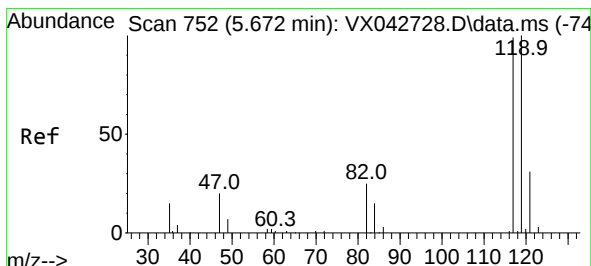
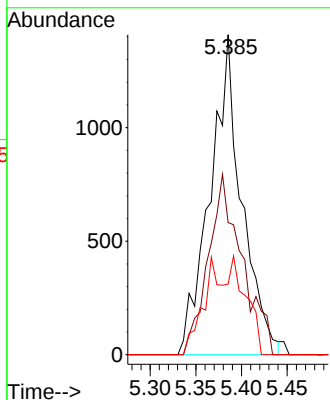
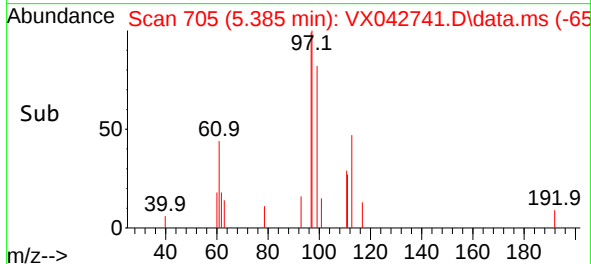
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



Tgt Ion: 97 Resp: 3392
Ion Ratio Lower Upper
97 100
99 53.3 51.4 77.0
61 18.5 34.4 51.6

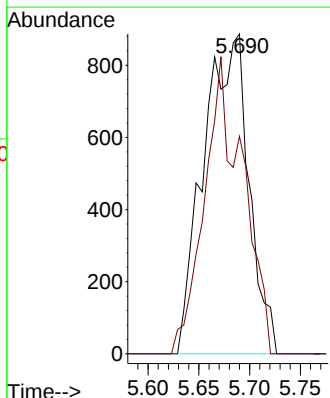
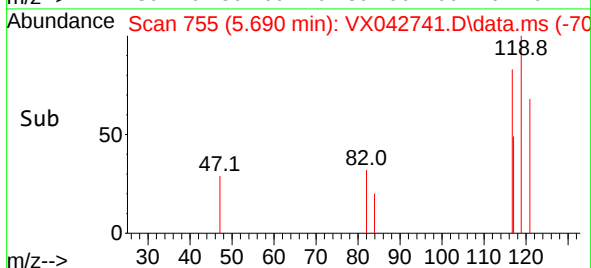
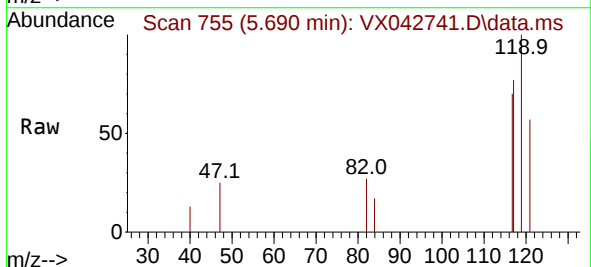
Manual Integrations
APPROVED

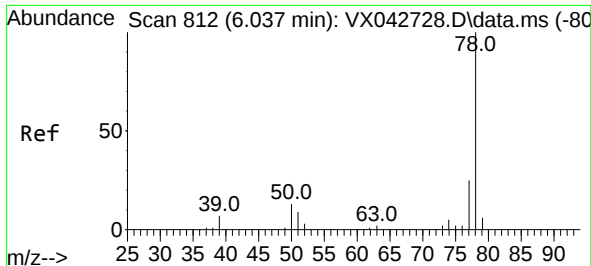
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#31
Carbon tetrachloride
Concen: 2.126 ug/L m
RT: 5.690 min Scan# 755
Delta R.T. 0.018 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

Tgt Ion:117 Resp: 2741
Ion Ratio Lower Upper
117 100
119 53.6 76.2 114.2#





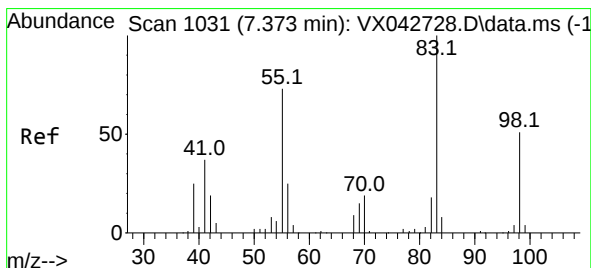
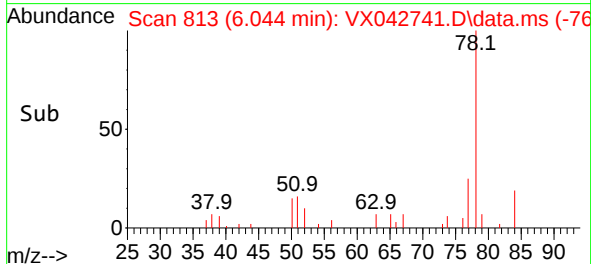
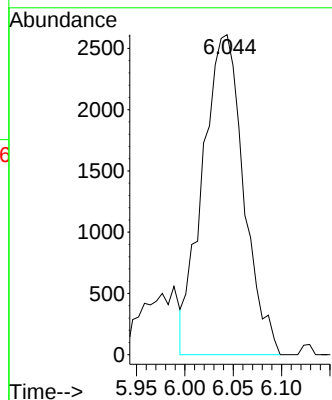
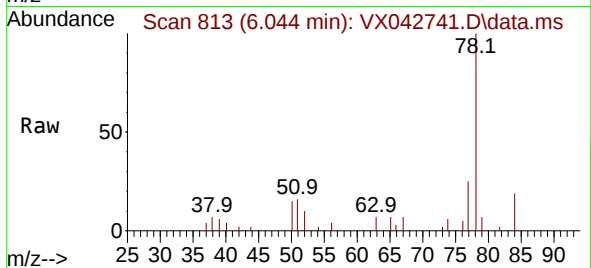
#33
Benzene
Concen: 2.109 ug/L
RT: 6.044 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

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

Tgt Ion: 78 Resp: 771

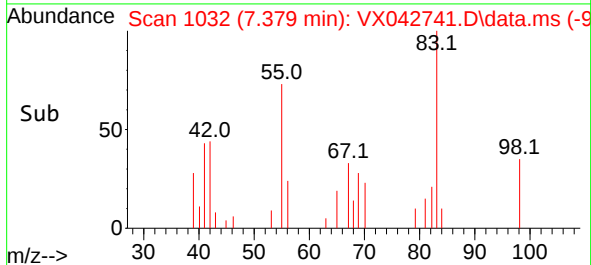
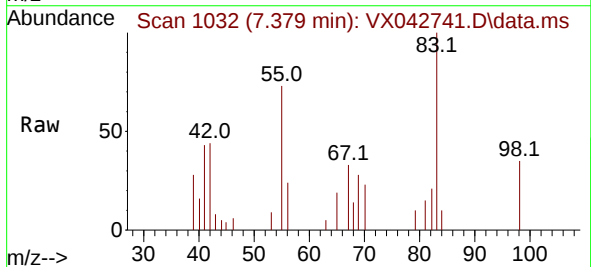
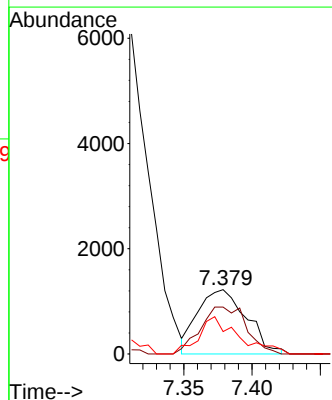
Manual Integrations
APPROVED

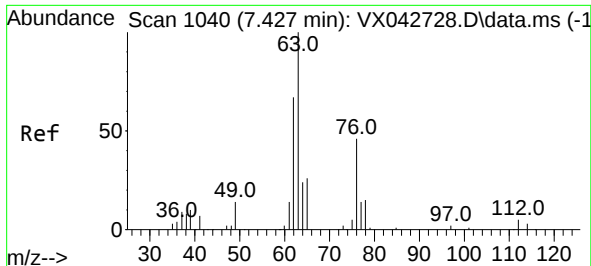
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#35
Methylcyclohexane
Concen: 2.055 ug/L m
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

Tgt Ion: 83 Resp: 3039
Ion Ratio Lower Upper
83 100
55 48.2 58.2 87.2#
98 39.8 38.5 57.7





#37

1,2-Dichloropropane

Concen: 2.013 ug/L m

RT: 7.434 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042741.D

Acq: 30 Jul 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05

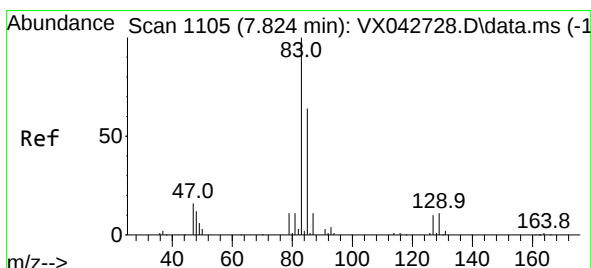
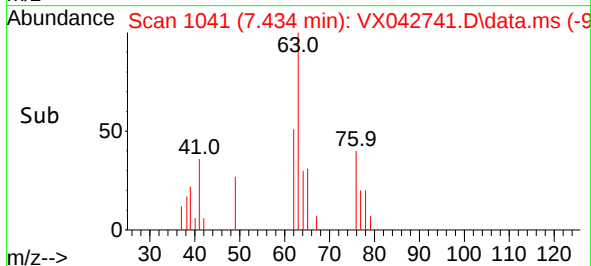
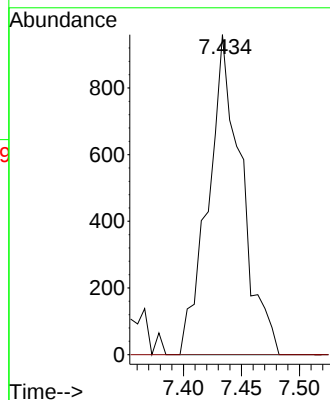
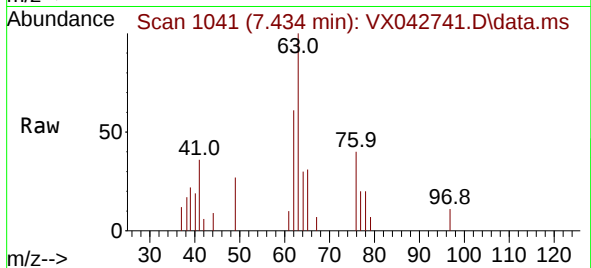
Tgt Ion: 63 Resp: 191
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2024

Supervised By :Semsettin Yesilyurt 07/31/2024



#38

Bromodichloromethane

Concen: 1.785 ug/L

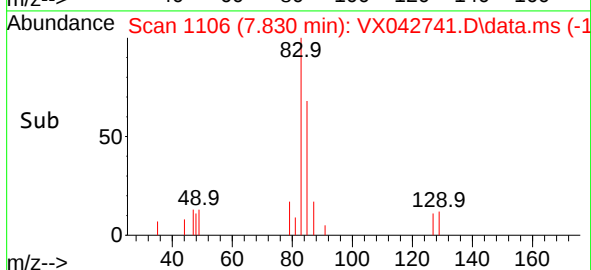
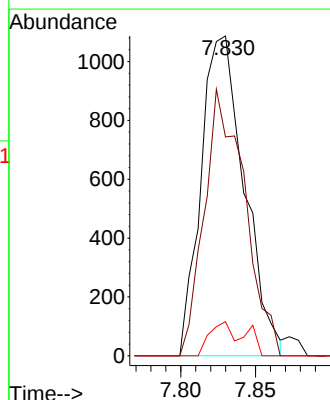
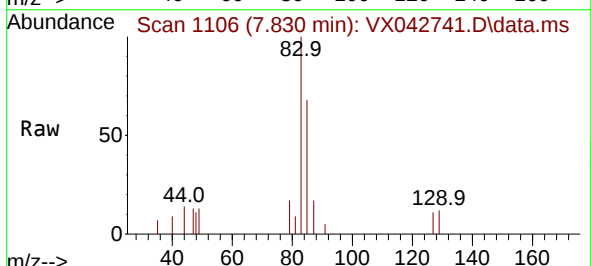
RT: 7.830 min Scan# 1106

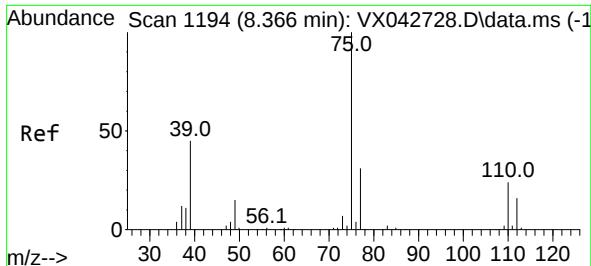
Delta R.T. 0.006 min

Lab File: VX042741.D

Acq: 30 Jul 2024 15:55

Tgt Ion: 83 Resp: 2193
 Ion Ratio Lower Upper
 83 100
 85 68.4 43.7 81.1
 127 10.7 6.5 9.7#





#39

cis-1,3-Dichloropropene

Concen: 1.998 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042741.D

Acq: 30 Jul 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05

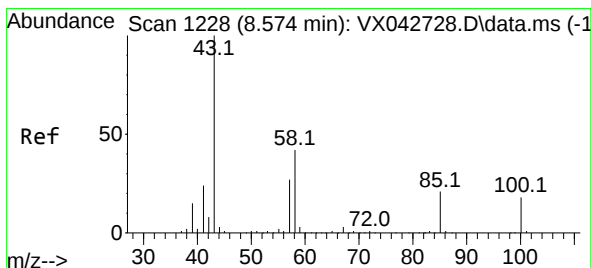
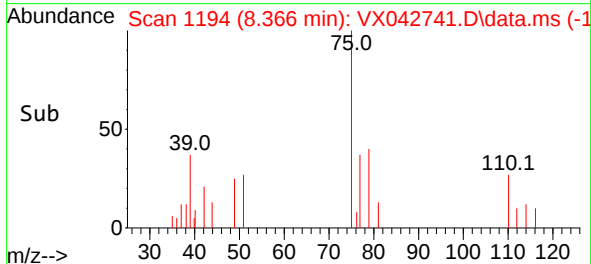
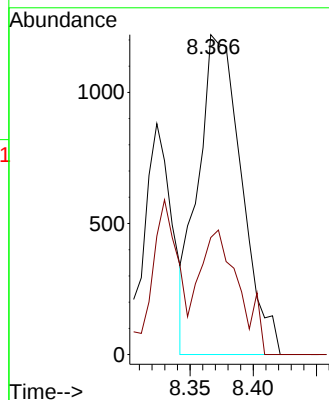
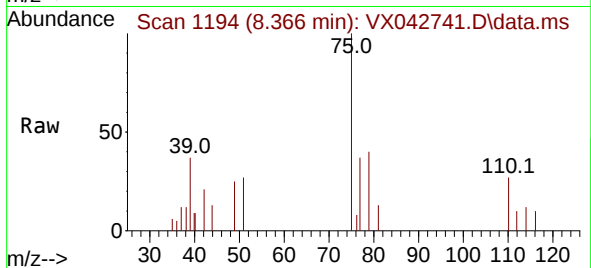
Tgt Ion: 75 Resp: 2915
 Ion Ratio Lower Upper
 75 100
 77 36.6 21.4 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2024

Supervised By :Semsettin Yesilyurt 07/31/2024



#40

4-Methyl-2-pentanone

Concen: 3.335 ug/L

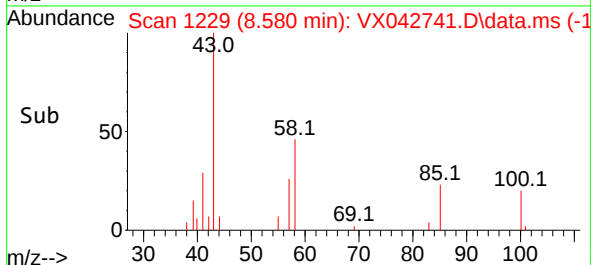
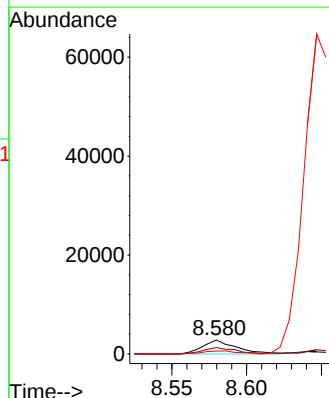
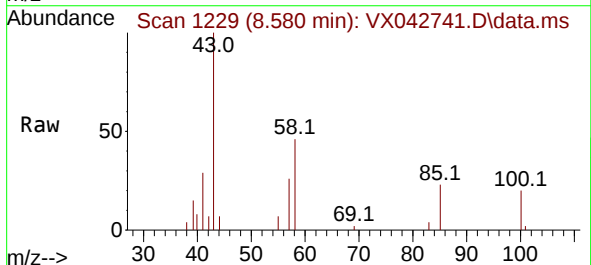
RT: 8.580 min Scan# 1229

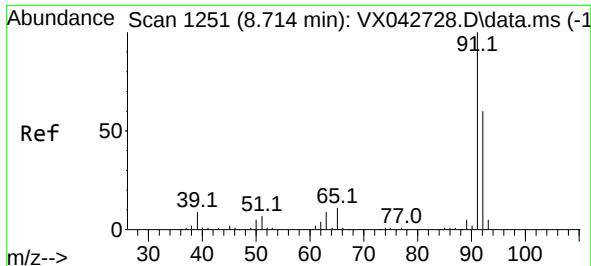
Delta R.T. 0.006 min

Lab File: VX042741.D

Acq: 30 Jul 2024 15:55

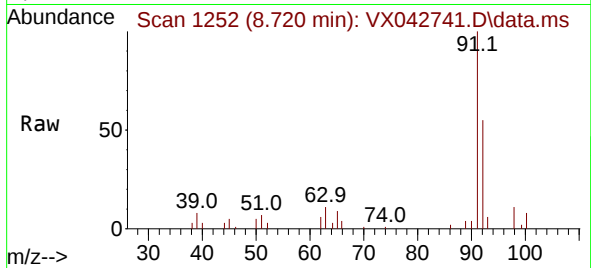
Tgt Ion: 43 Resp: 4361
 Ion Ratio Lower Upper
 43 100
 58 45.2 32.4 48.6
 100 23.3 13.4 20.0#





#42
Toluene
Concen: 2.082 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

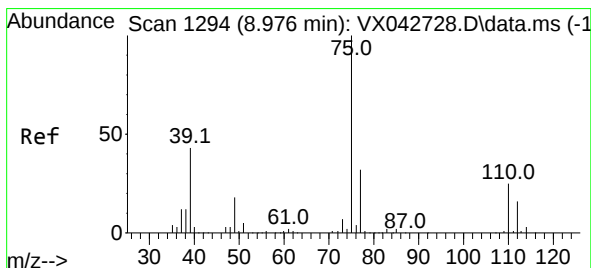
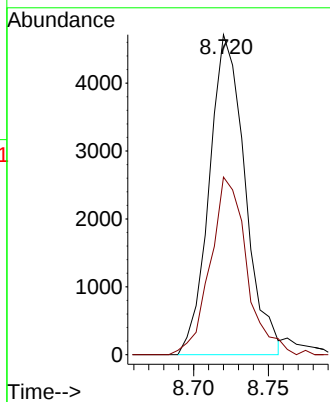
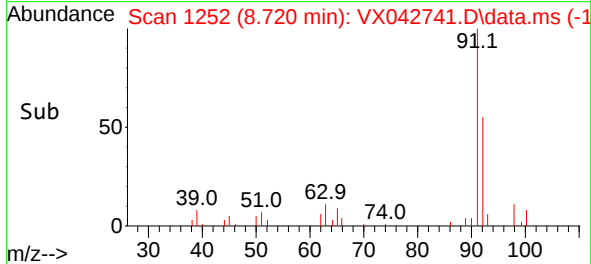
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



Tgt Ion: 91 Resp: 784
Ion Ratio Lower Upper
91 100
92 55.5 41.9 77.7

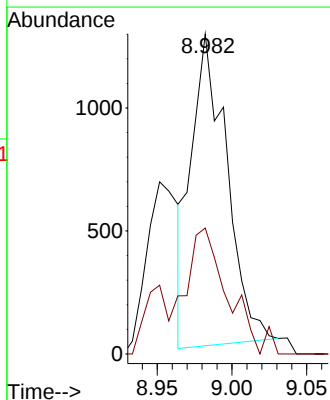
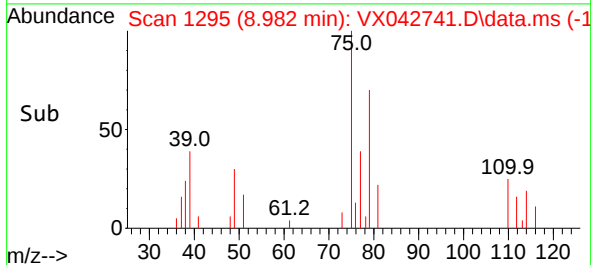
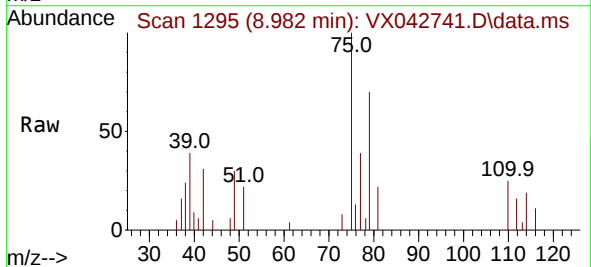
Manual Integrations
APPROVED

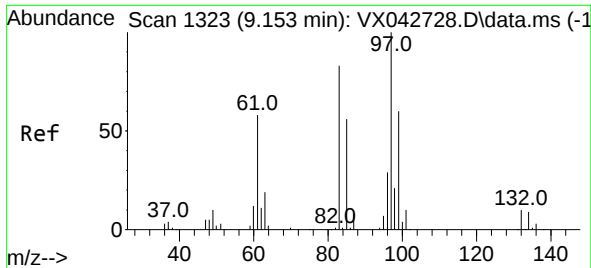
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#44
trans-1,3-Dichloropropene
Concen: 1.568 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

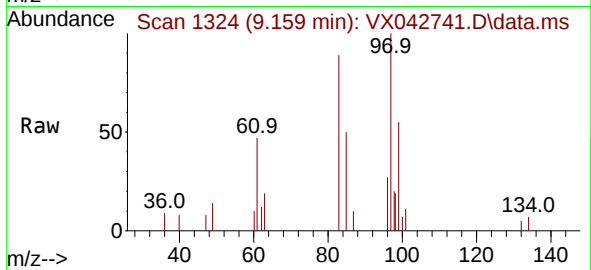
Tgt Ion: 75 Resp: 2073
Ion Ratio Lower Upper
75 100
77 39.4 22.0 40.8





#45
1,1,2-Trichloroethane
Concen: 2.131 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

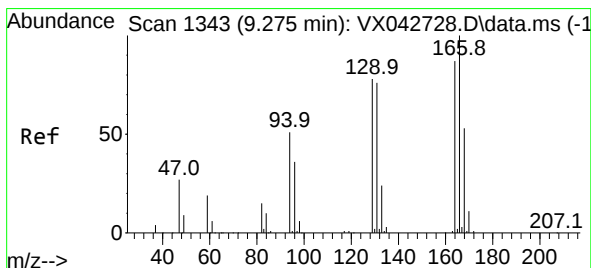
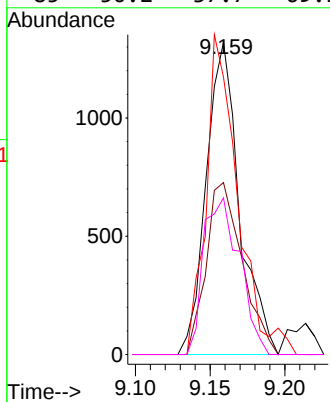
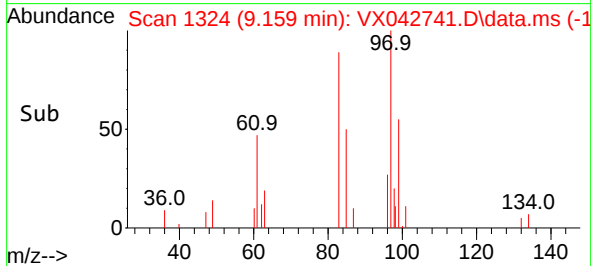
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2024-05



Tgt Ion:	97	Resp:	204
Ion	Ratio	Lower	Upper
97	100		
99	55.1	42.6	79.2
83	88.9	59.3	110.1
85	50.2	37.7	69.9

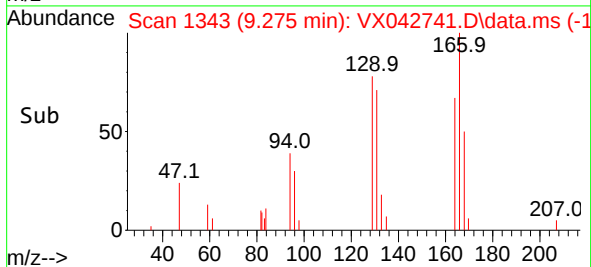
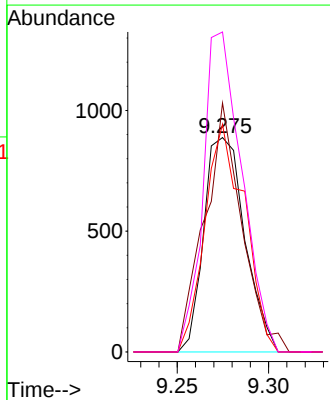
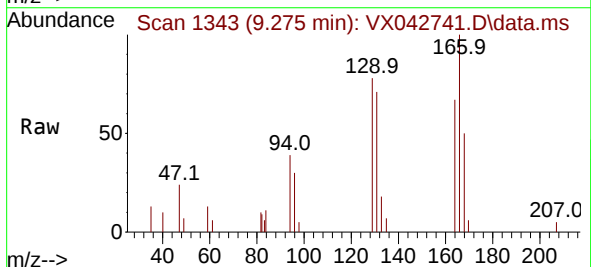
Manual Integrations
APPROVED

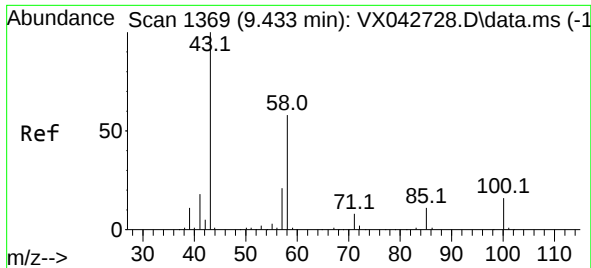
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#46
Tetrachloroethene
Concen: 2.082 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

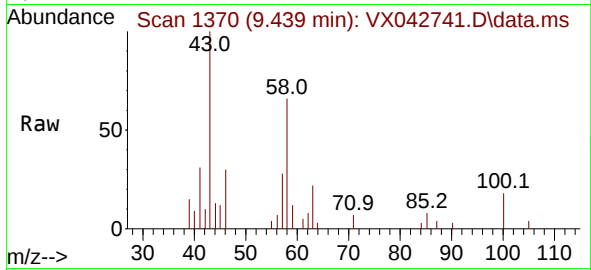
Tgt Ion:	164	Resp:	1387
Ion	Ratio	Lower	Upper
164	100		
129	116.1	74.2	137.8
131	106.2	66.9	124.3
166	149.2	92.7	172.1





#48
2-Hexanone
Concen: 4.503 ug/L
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

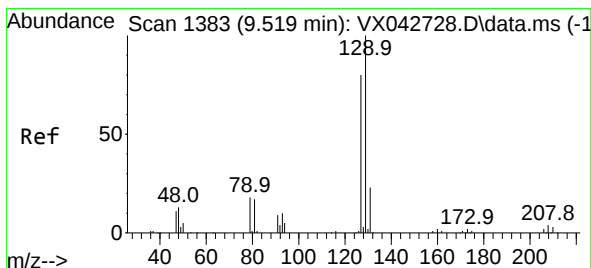
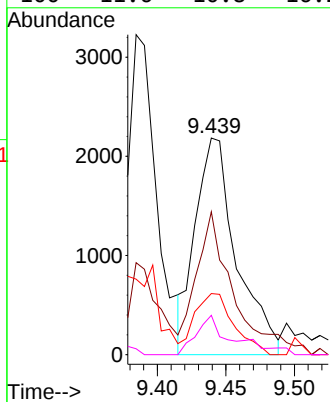
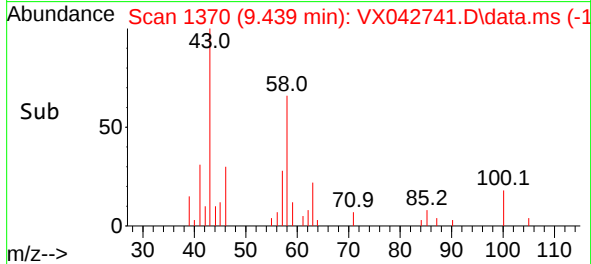
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2024-05



Tgt Ion: 43 Resp: 4579
Ion Ratio Lower Upper
43 100
58 43.2 44.9 67.3
57 27.0 15.8 23.6
100 11.6 10.8 16.2

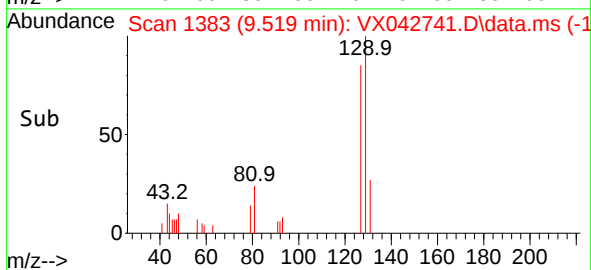
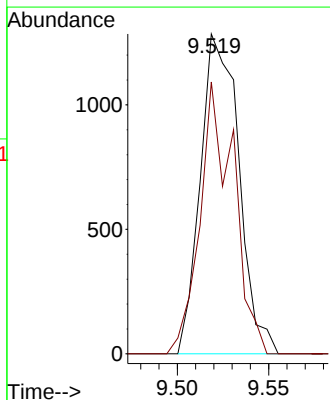
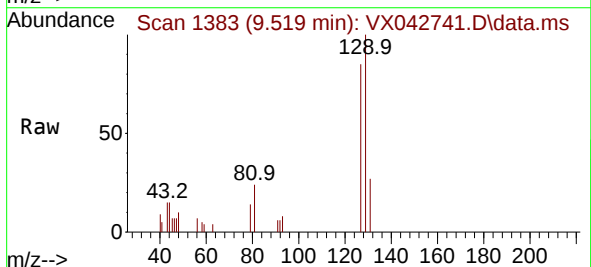
Manual Integrations
APPROVED

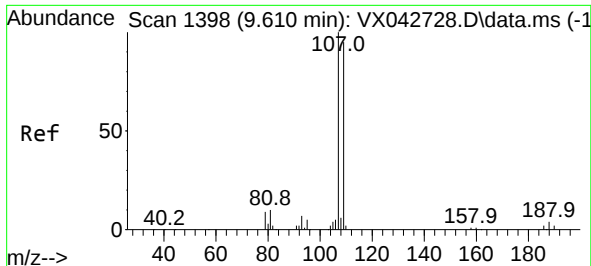
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#49
Dibromochloromethane
Concen: 2.095 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

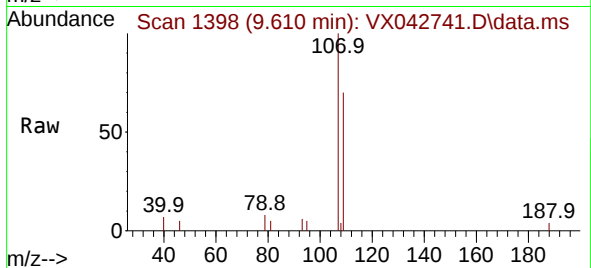
Tgt Ion:129 Resp: 1878
Ion Ratio Lower Upper
129 100
127 85.0 57.4 106.6





#50
1,2-Dibromoethane
Concen: 2.286 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

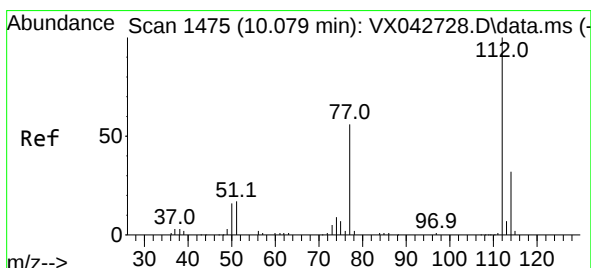
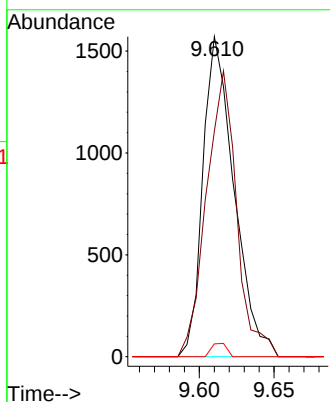
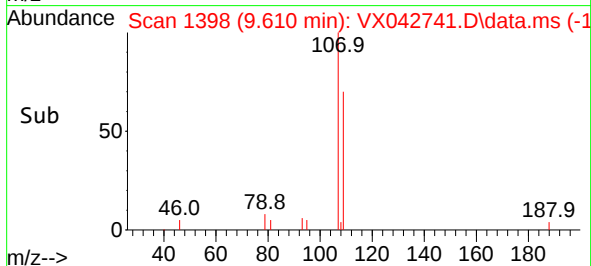
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2024-05



Tgt Ion:107 Resp: 228
Ion Ratio Lower Upper
107 100
109 70.5 65.4 121.4
188 4.0 2.2 3.2

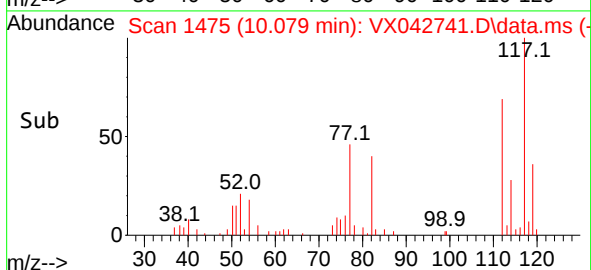
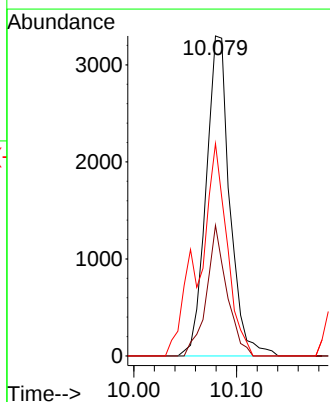
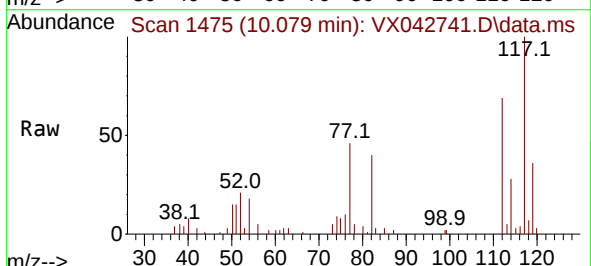
Manual Integrations
APPROVED

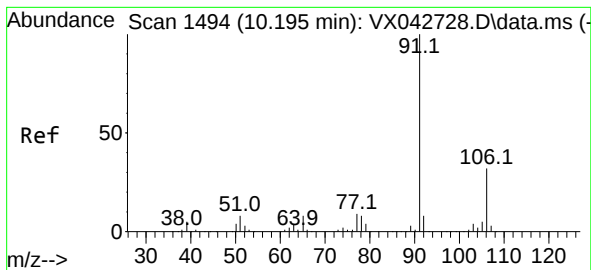
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#51
Chlorobenzene
Concen: 2.170 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

Tgt Ion:112 Resp: 5286
Ion Ratio Lower Upper
112 100
114 40.8 23.2 43.2
77 66.4 46.3 69.5





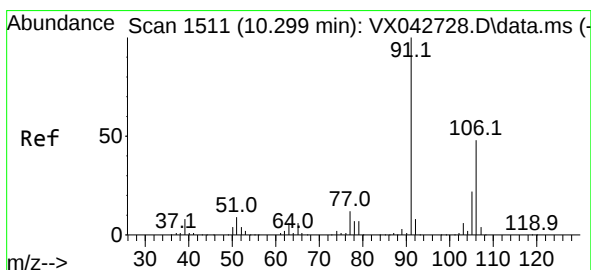
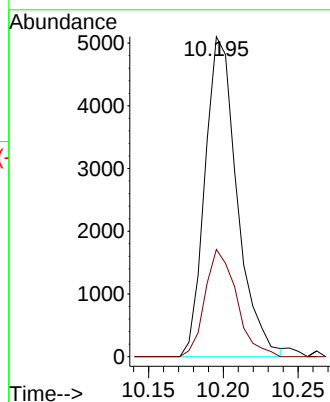
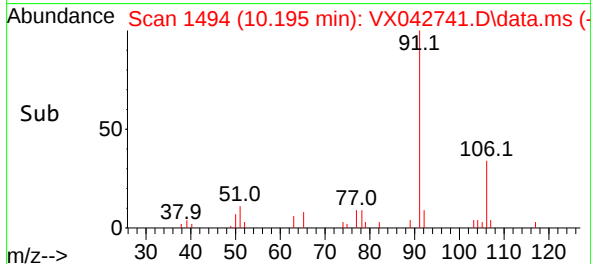
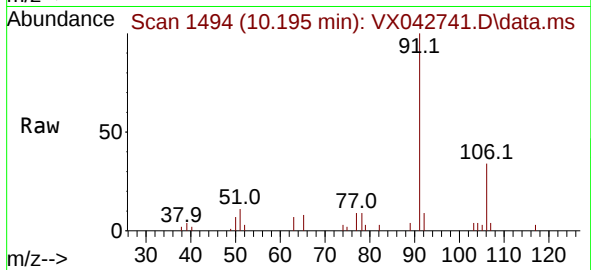
#52
Ethylbenzene
Concen: 1.850 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

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

Tgt Ion: 91 Resp: 764
Ion Ratio Lower Upper
91 100
106 33.5 21.8 40.4

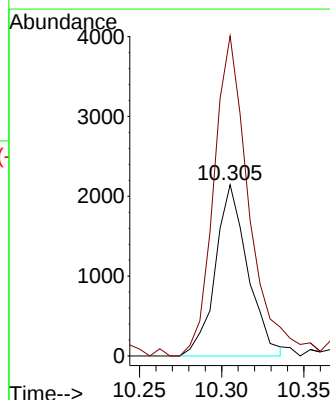
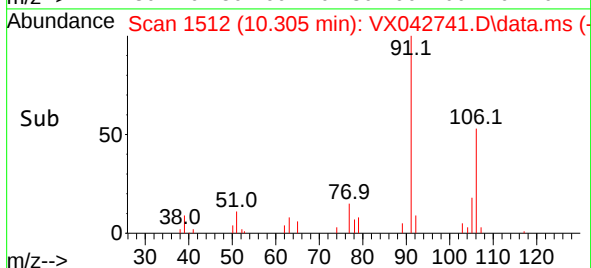
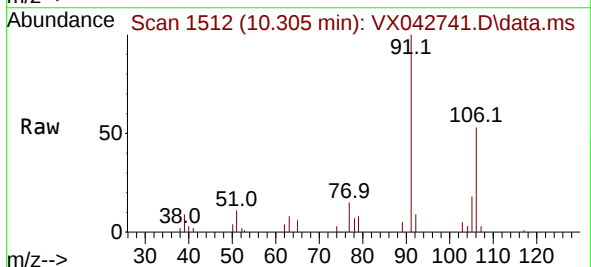
Manual Integrations
APPROVED

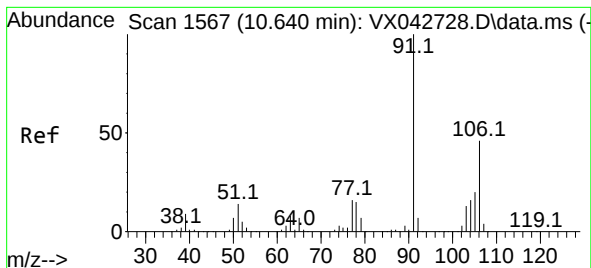
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#53
m,p-Xylene
Concen: 1.887 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

Tgt Ion:106 Resp: 2937
Ion Ratio Lower Upper
106 100
91 186.9 146.8 272.6





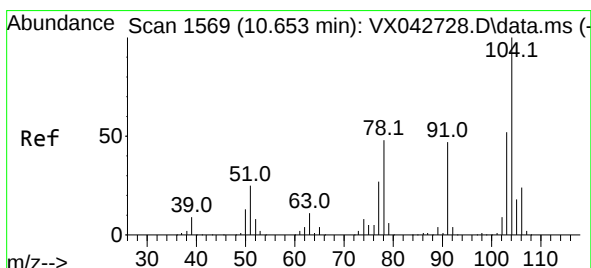
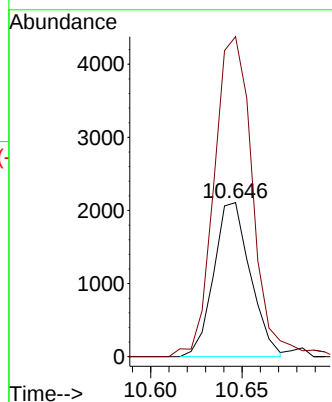
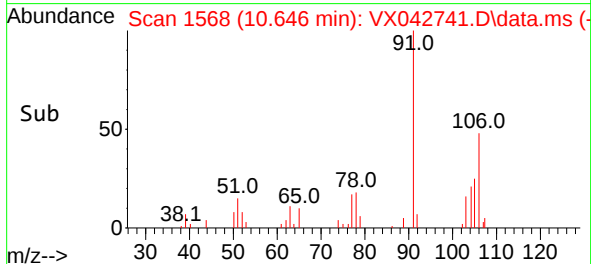
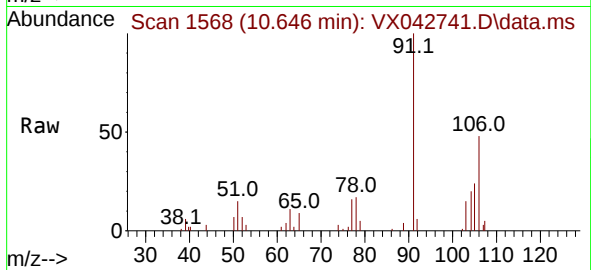
#54
o-Xylene
Concen: 1.899 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

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

Tgt Ion:106 Resp: 2940
Ion Ratio Lower Upper
106 100
91 207.6 154.6 287.2

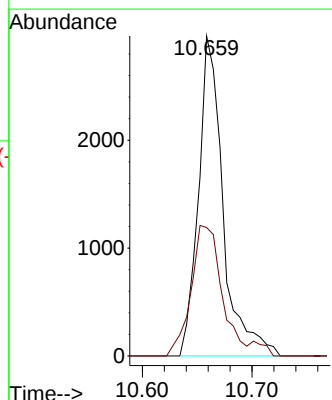
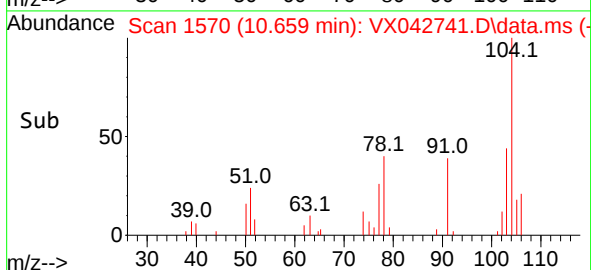
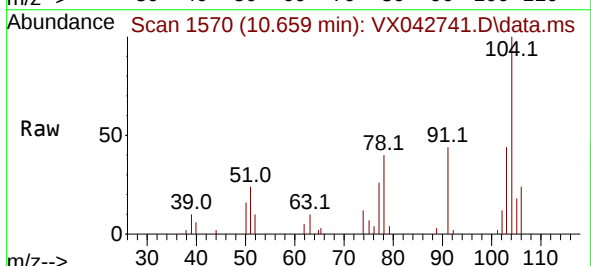
Manual Integrations
APPROVED

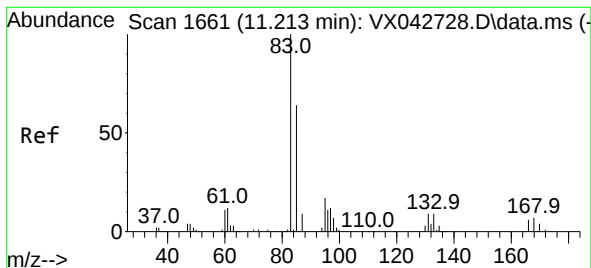
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#55
Styrene
Concen: 1.793 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

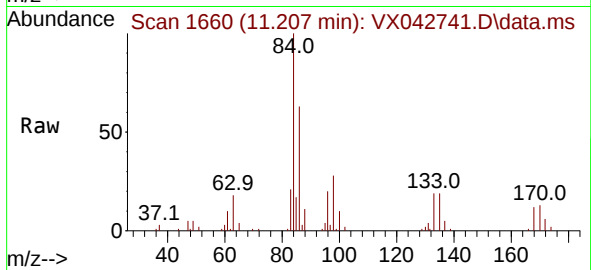
Tgt Ion:104 Resp: 4628
Ion Ratio Lower Upper
104 100
78 40.2 32.6 60.5





#57
1,1,2,2-Tetrachloroethane
Concen: 2.162 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

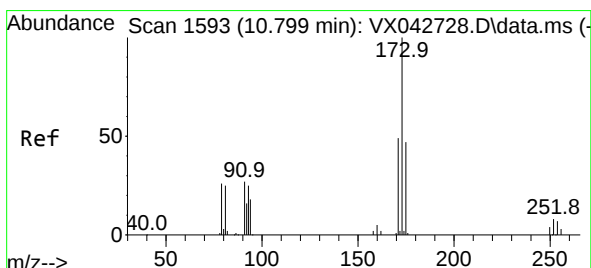
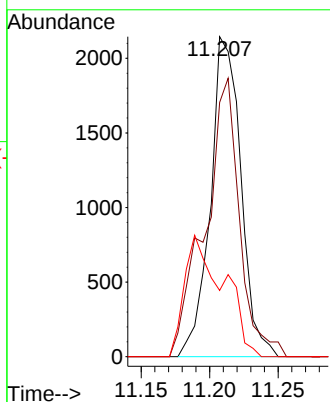
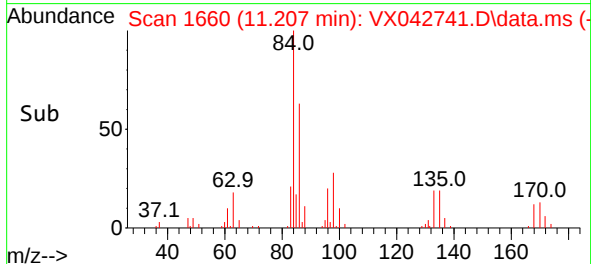
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2024-05



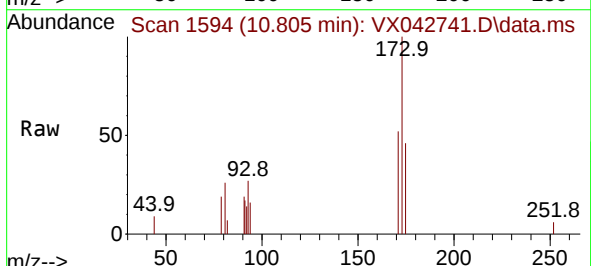
Tgt Ion: 83 Resp: 3319
Ion Ratio Lower Upper
83 100
85 79.4 46.1 85.5
131 20.7 8.6 13.0

Manual Integrations
APPROVED

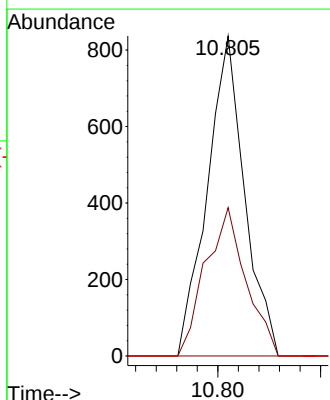
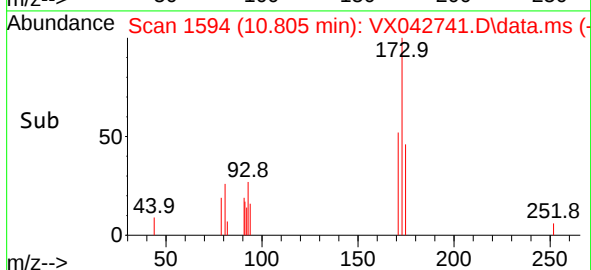
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

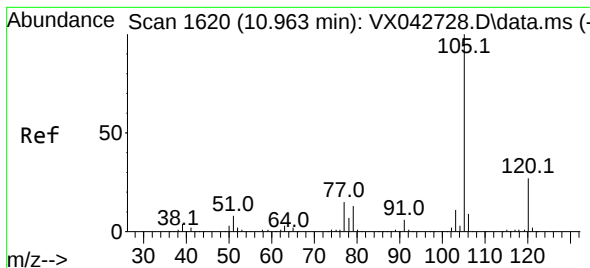


#59
Bromoform
Concen: 1.975 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55



Tgt Ion:173 Resp: 1054
Ion Ratio Lower Upper
173 100
175 50.2 37.4 56.2
254 0.0 6.8 10.2





#60

Isopropylbenzene

Concen: 1.989 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX042741.D

Acq: 30 Jul 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

MDL-MED-SOIL-QT3-2024-05

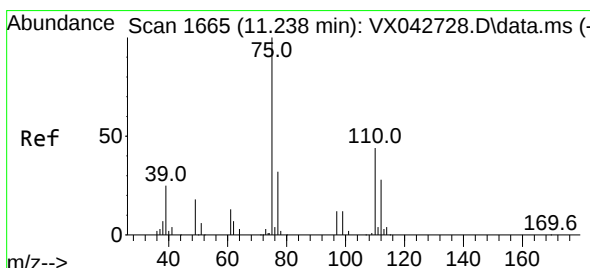
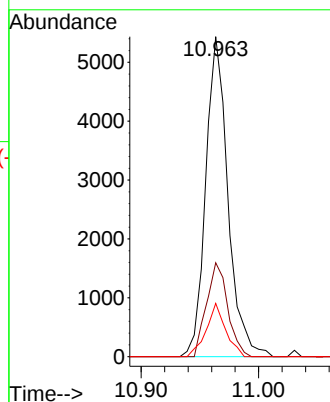
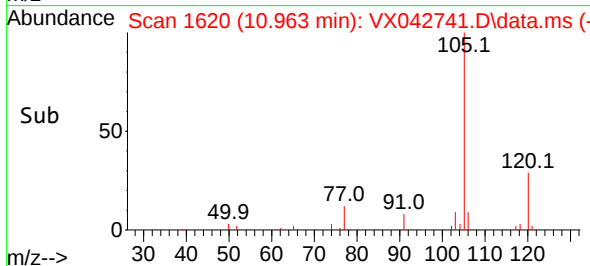
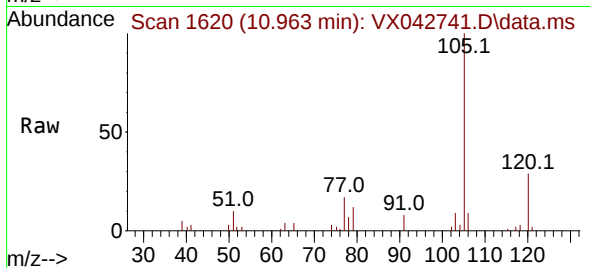
Tgt Ion:	105	Resp:	714
Ion	Ratio	Lower	Upper
105	100		
120	28.0	21.0	31.6
77	14.6	12.9	19.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2024

Supervised By :Semsettin Yesilyurt 07/31/2024



#61

1,2,3-Trichloropropane

Concen: 2.344 ug/L

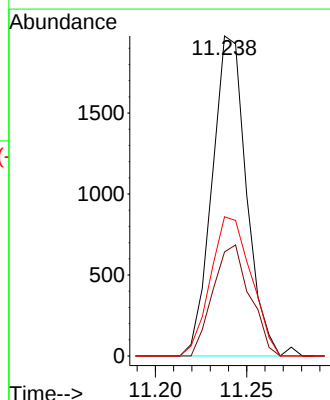
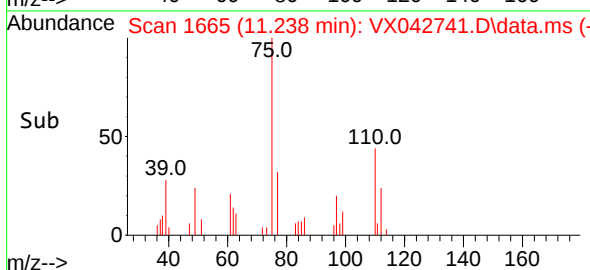
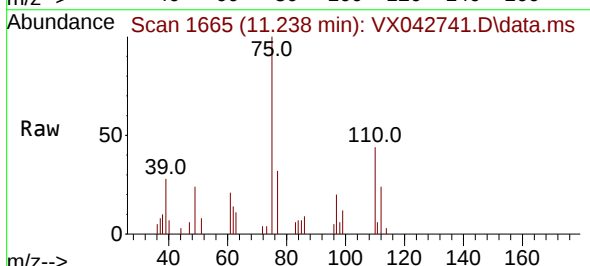
RT: 11.238 min Scan# 1665

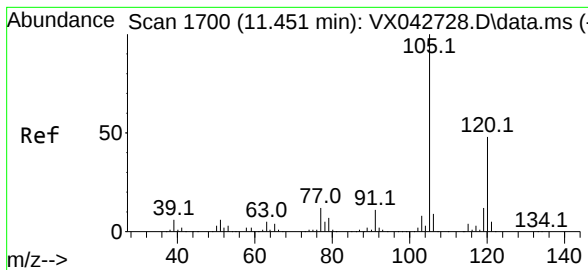
Delta R.T. 0.000 min

Lab File: VX042741.D

Acq: 30 Jul 2024 15:55

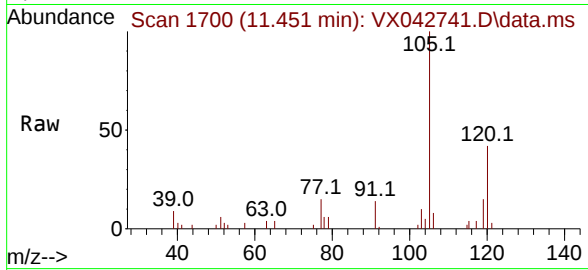
Tgt Ion:	75	Resp:	2578
Ion	Ratio	Lower	Upper
75	100		
77	37.5	26.2	39.4
110	51.6	33.0	49.4





#62
1,3,5-Trimethylbenzene
Concen: 1.781 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

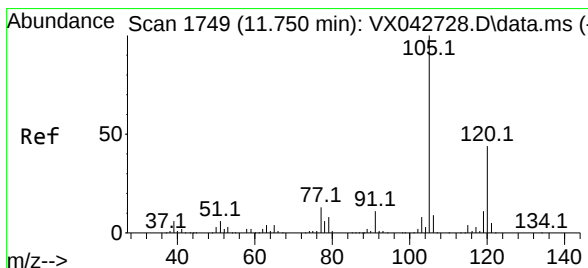
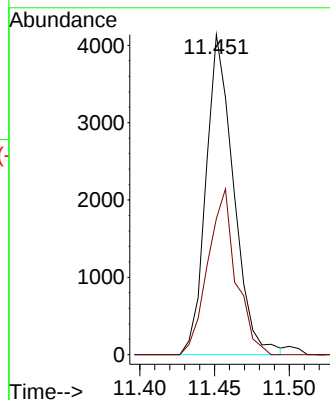
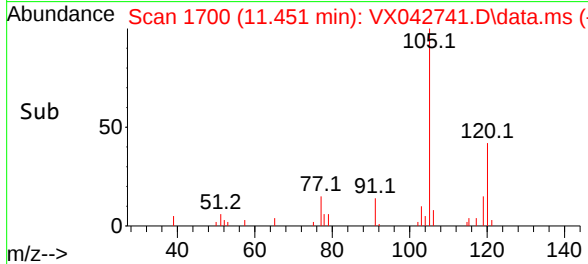
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



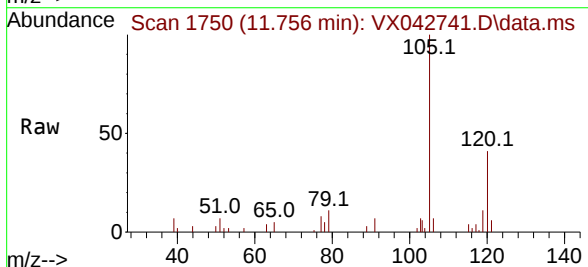
Tgt Ion:105 Resp: 532
Ion Ratio Lower Upper
105 100
120 52.8 38.2 57.2

Manual Integrations
APPROVED

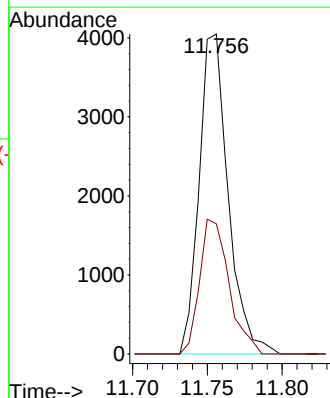
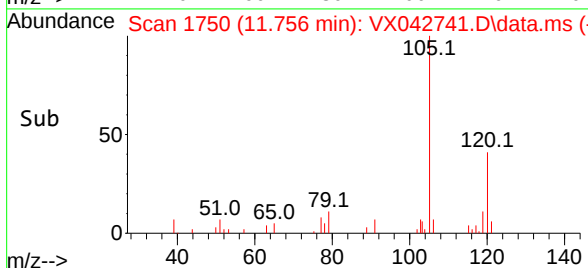
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

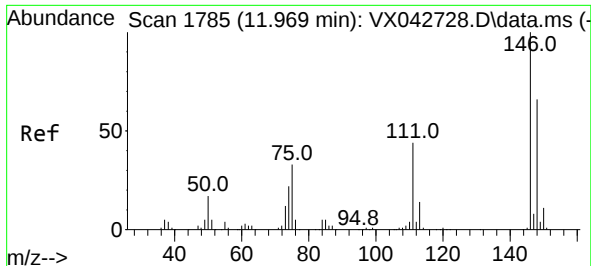


#63
1,2,4-Trimethylbenzene
Concen: 1.852 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55



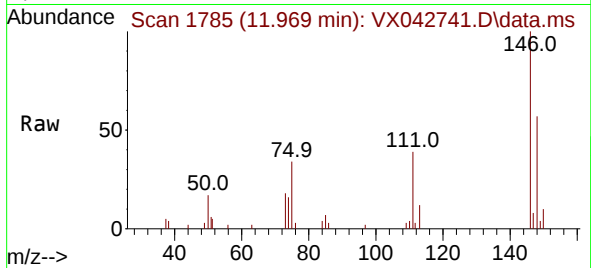
Tgt Ion:105 Resp: 5463
Ion Ratio Lower Upper
105 100
120 42.5 35.2 52.8





#64
1,3-Dichlorobenzene
Concen: 2.224 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

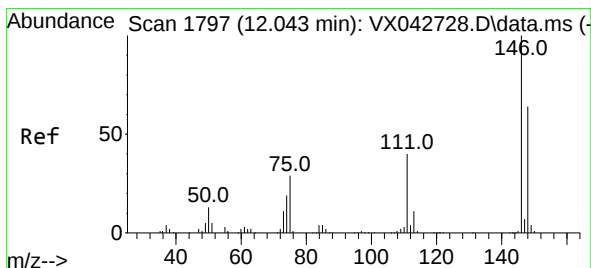
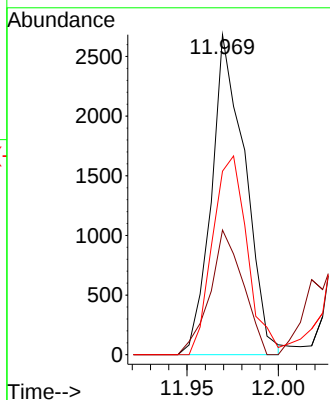
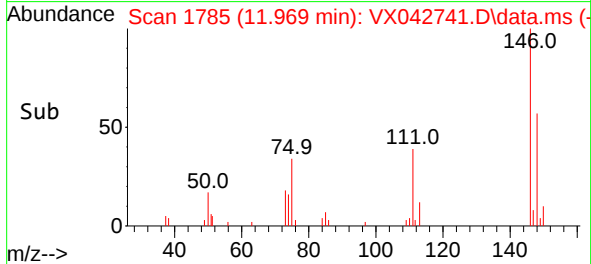
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2024-05



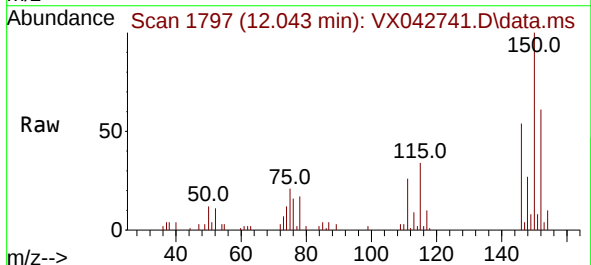
Tgt Ion:146 Resp: 3430
Ion Ratio Lower Upper
146 100
111 41.8 30.4 56.5
148 57.4 47.7 88.7

Manual Integrations
APPROVED

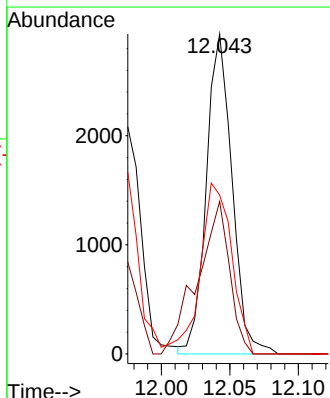
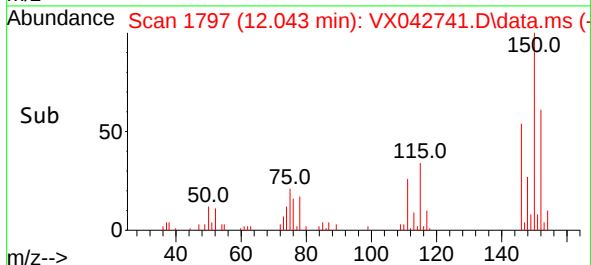
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

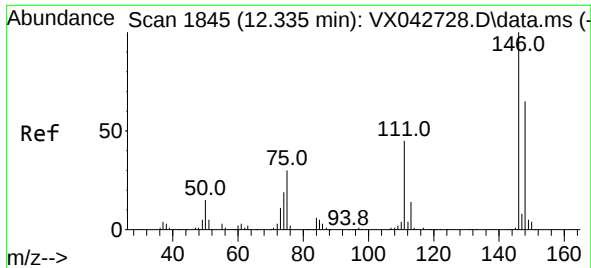


#65
1,4-Dichlorobenzene
Concen: 2.459 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55



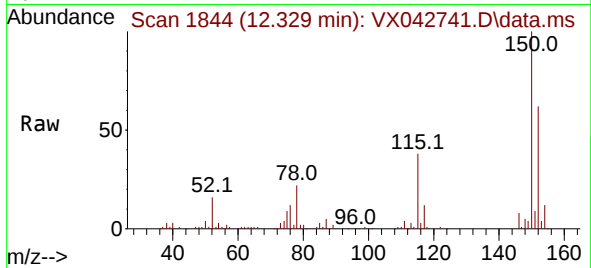
Tgt Ion:146 Resp: 3826
Ion Ratio Lower Upper
146 100
111 47.7 27.9 51.7
148 49.7 44.1 81.9





#67
1,2-Dichlorobenzene
Concen: 2.320 ug/L
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

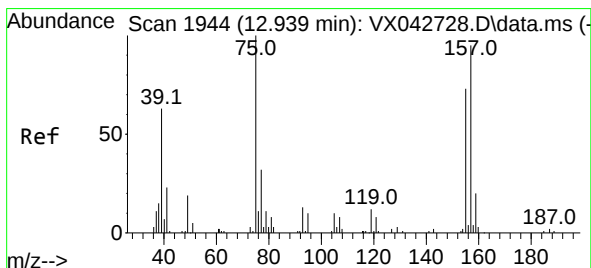
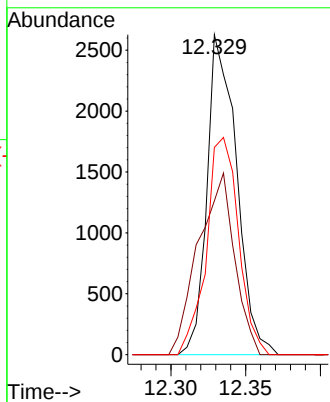
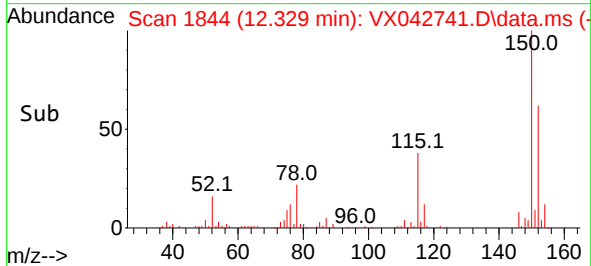
Instrument : MSVOA_X
ClientSampleId : MDL-MED-SOIL-QT3-2024-05



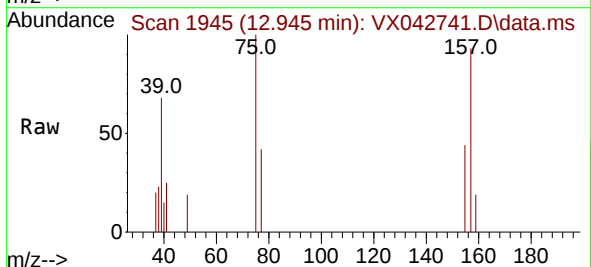
Tgt Ion:146 Resp: 3610
Ion Ratio Lower Upper
146 100
111 48.1 35.3 52.9
148 64.7 52.7 79.1

Manual Integrations
APPROVED

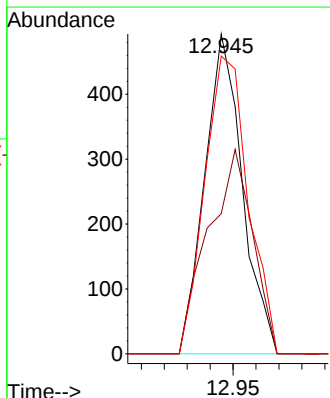
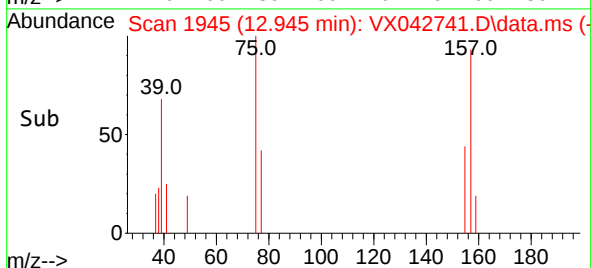
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

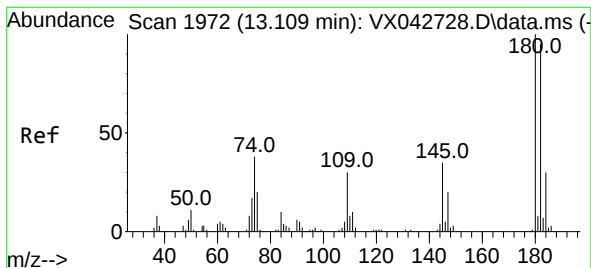


#68
1,2-Dibromo-3-chloropropane
Concen: 1.914 ug/L m
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55



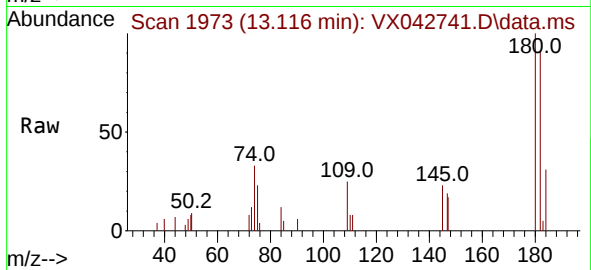
Tgt Ion: 75 Resp: 561
Ion Ratio Lower Upper
75 100
155 43.8 65.1 97.7#
157 93.1 85.8 128.6





#69
1,3,5-Trichlorobenzene
Concen: 2.110 ug/L m
RT: 13.116 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

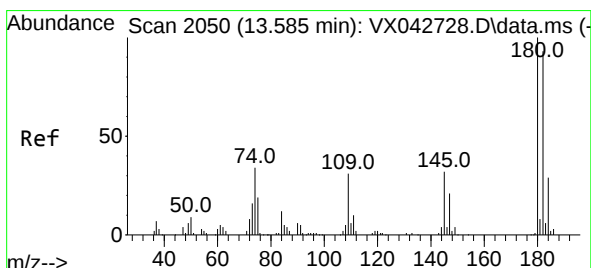
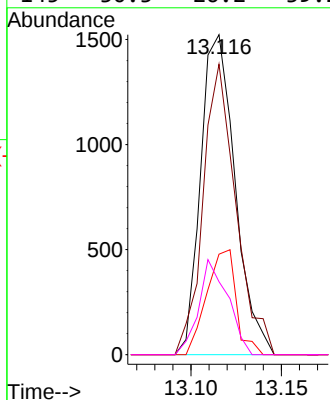
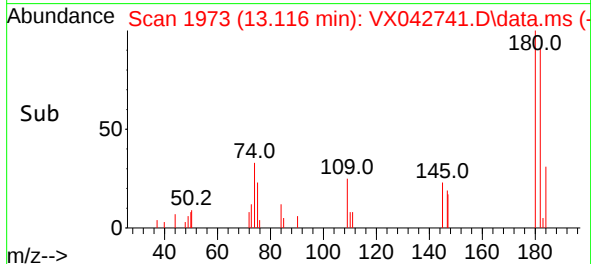
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



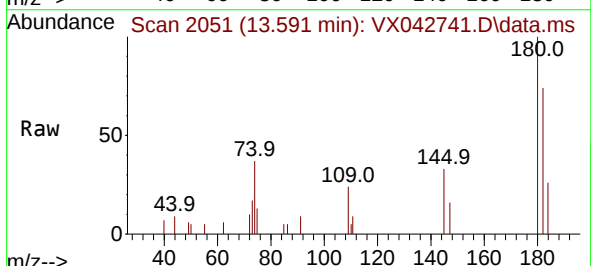
Tgt Ion:180 Resp: 2022
Ion Ratio Lower Upper
180 100
182 71.4 75.4 113.0
184 21.9 23.4 35.0
145 30.3 26.2 39.2

Manual Integrations
APPROVED

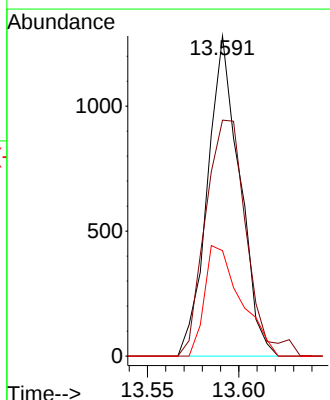
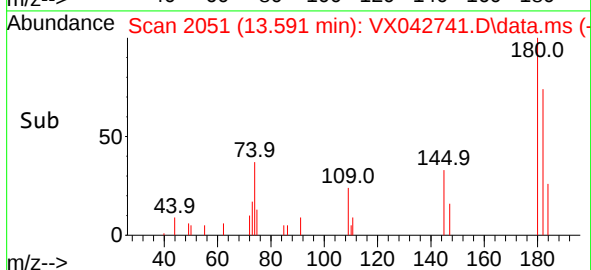
Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024

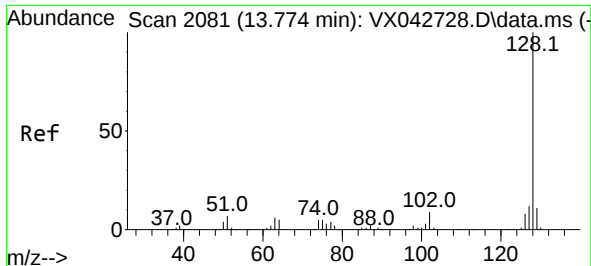


#70
1,2,4-trichlorobenzene
Concen: 1.871 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55



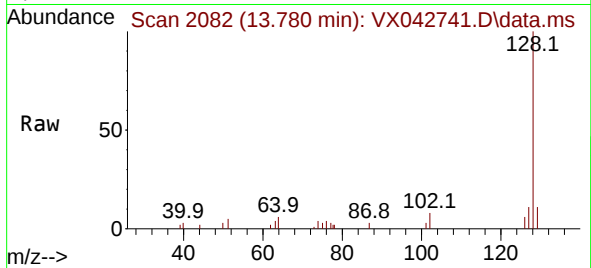
Tgt Ion:180 Resp: 1572
Ion Ratio Lower Upper
180 100
182 91.9 77.0 115.4
145 38.9 27.0 40.6





#71
Naphthalene
Concen: 1.922 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

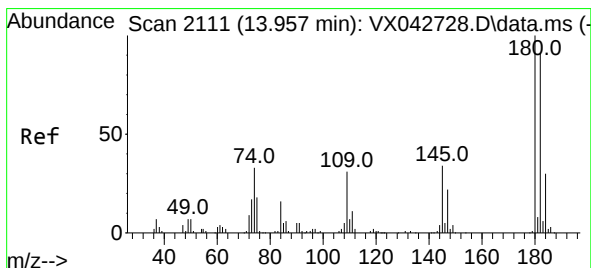
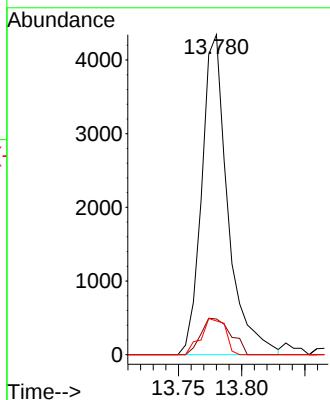
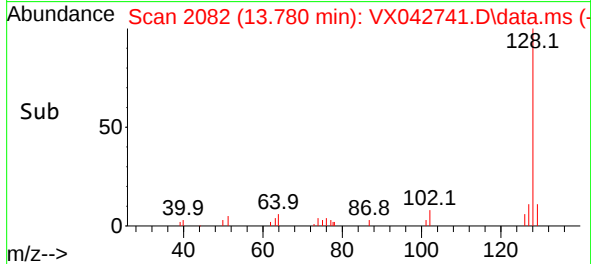
Instrument :
MSVOA_X
ClientSampleId :
MDL-MED-SOIL-QT3-2024-05



Tgt Ion:128 Resp: 623
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2024
Supervised By :Semsettin Yesilyurt 07/31/2024



#72
1,2,3-Trichlorobenzene
Concen: 2.148 ug/L m
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX042741.D
Acq: 30 Jul 2024 15:55

Tgt Ion:180 Resp: 1870
Ion Ratio Lower Upper
180 100
182 77.2 76.2 114.2
145 32.7 27.6 41.4

