

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078222.D
 Acq On : 24 Jan 2024 14:53
 Operator : RP/MD
 Sample : P1187-03 2.5 PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Jan 25 01:16:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 01:15:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
							01/25/2024
Internal Standards							Supervised By :Semsettin
1) Pentafluorobenzene	7.875	168	113477	50.000	ug/l	# 0.00	esilyurt
34) 1,4-Difluorobenzene	8.781	114	221801	50.000	ug/l	0.00	
63) Chlorobenzene-d5	11.581	117	198577	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.516	152	85668	50.000	ug/l	0.00	
System Monitoring Compounds							01/25/2024
33) 1,2-Dichloroethane-d4	8.234	65	70108	54.119	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.240%		
35) Dibromofluoromethane	7.811	113	71890	49.248	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.500%		
50) Toluene-d8	10.269	98	278352	48.157	ug/l	0.00	
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.320%		
62) 4-Bromofluorobenzene	12.575	95	75945	45.307	ug/l	0.00	
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.620%		
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.934	85	3428	2.622	ug/l	98	
3) Chloromethane	2.146	50	5460	2.589	ug/l	91	
4) Vinyl Chloride	2.287	62	6632	2.465	ug/l	94	
5) Bromomethane	2.699	94	5366	2.733	ug/l	95	
6) Chloroethane	2.846	64	4683	2.491	ug/l	91	
7) Trichlorofluoromethane	3.181	101	6094	2.490	ug/l	# 79	
8) Diethyl Ether	3.593	74	1970	2.903	ug/l	99	
9) 1,1,2-Trichlorotrifluo...	3.975	101	4240	2.991	ug/l	94	
10) Methyl Iodide	4.175	142	2841	1.999	ug/l	# 84	
11) Tert butyl alcohol	5.052	59	648	10.161	ug/l	# 73	
12) 1,1-Dichloroethene	3.940	96	3446	2.454	ug/l	# 84	
13) Acrolein	3.799	56	2002	13.674	ug/l	# 65	
14) Allyl chloride	4.581	41	4751	2.565	ug/l	# 47	
15) Acrylonitrile	5.269	53	3725m	12.234	ug/l		
16) Acetone	4.022	43	4121	10.671	ug/l	# 71	
17) Carbon Disulfide	4.275	76	11457	2.516	ug/l	95	
18) Methyl Acetate	4.581	43	2235	2.005	ug/l	# 70	
19) Methyl tert-butyl Ether	5.322	73	6396	2.184	ug/l	# 74	
20) Methylene Chloride	4.811	84	8540	4.494	ug/l	# 84	
21) trans-1,2-Dichloroethene	5.322	96	3776	2.327	ug/l	83	
22) Diisopropyl ether	6.216	45	9030	2.304	ug/l	# 83	
23) Vinyl Acetate	6.158	43	21254	11.006	ug/l	# 89	
24) 1,1-Dichloroethane	6.122	63	7236	2.672	ug/l	# 94	
25) 2-Butanone	7.087	43	4947	10.841	ug/l	89	
26) 2,2-Dichloropropane	7.087	77	5410	2.384	ug/l	# 71	
27) cis-1,2-Dichloroethene	7.087	96	4281	2.456	ug/l	85	
28) Bromochloromethane	7.428	49	2398	2.270	ug/l	# 31	
29) Tetrahydrofuran	7.458	42	2785	13.031	ug/l	# 73	
30) Chloroform	7.599	83	7365	2.674	ug/l	87	
31) Cyclohexane	7.887	56	7823	3.266	ug/l	# 67	
32) 1,1,1-Trichloroethane	7.805	97	5700	2.396	ug/l	96	
36) 1,1-Dichloropropene	8.016	75	5179	2.157	ug/l	95	
37) Ethyl Acetate	7.175	43	1939	2.170	ug/l	# 62	
38) Carbon Tetrachloride	7.987	117	5142	2.169	ug/l	# 61	
39) Methylcyclohexane	9.281	83	6725	2.369	ug/l	# 83	
40) Benzene	8.252	78	16070	2.359	ug/l	97	

01/25/2024
 Supervised By :Semsettin
 Kesilyurt

01/25/2024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078222.D
 Acq On : 24 Jan 2024 14:53
 Operator : RP/MD
 Sample : P1187-03 2.5 PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Jan 25 01:16:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 01:15:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	1027m	2.093	ug/l	
42) 1,2-Dichloroethane	8.328	62	4213	2.377	ug/l	
43) Isopropyl Acetate	8.363	43	3139	1.917	ug/l #	
44) Trichloroethene	9.034	130	4099	2.352	ug/l	
45) 1,2-Dichloropropane	9.310	63	3620	2.142	ug/l	
46) Dibromomethane	9.393	93	2060	2.219	ug/l	
47) Bromodichloromethane	9.587	83	5153	2.210	ug/l #	
48) Methyl methacrylate	9.387	41	1703	1.797	ug/l #	
49) 1,4-Dioxane	9.387	88	216	24.047	ug/l #	
51) 4-Methyl-2-Pentanone	10.157	43	8276	9.620	ug/l	
52) Toluene	10.340	92	9668	2.239	ug/l	
53) t-1,3-Dichloropropene	10.552	75	4440	2.064	ug/l #	
54) cis-1,3-Dichloropropene	10.022	75	5391	2.090	ug/l #	
55) 1,1,2-Trichloroethane	10.734	97	2620	2.109	ug/l #	
56) Ethyl methacrylate	10.604	69	2098	2.063	ug/l #	
57) 1,3-Dichloropropane	10.881	76	5380	2.533	ug/l #	
58) 2-Chloroethyl Vinyl ether	9.869	63	5892	9.669	ug/l	
59) 2-Hexanone	10.922	43	6283	8.987	ug/l	
60) Dibromochloromethane	11.075	129	3208	2.191	ug/l	
61) 1,2-Dibromoethane	11.187	107	2619	2.287	ug/l	
64) Tetrachloroethene	10.810	164	3024	2.329	ug/l	
65) Chlorobenzene	11.616	112	9892	2.255	ug/l #	
66) 1,1,1,2-Tetrachloroethane	11.681	131	3149	2.009	ug/l	
67) Ethyl Benzene	11.681	91	17138	2.147	ug/l #	
68) m/p-Xylenes	11.799	106	13250	4.346	ug/l	
69) o-Xylene	12.116	106	5512	1.992	ug/l	
70) Styrene	12.140	104	7600	1.833	ug/l #	
71) Bromoform	12.304	173	1465	1.887	ug/l #	
73) Isopropylbenzene	12.422	105	14446	2.145	ug/l	
74) N-amyl acetate	12.234	43	3024	2.347	ug/l #	
75) 1,1,2,2-Tetrachloroethane	12.681	83	3260	2.601	ug/l	
76) 1,2,3-Trichloropropane	12.722	75	2526m	3.074	ug/l	
77) Bromobenzene	12.698	156	3625	2.455	ug/l	
78) n-propylbenzene	12.763	91	18645	2.232	ug/l	
79) 2-Chlorotoluene	12.851	91	10649	2.389	ug/l	
80) 1,3,5-Trimethylbenzene	12.898	105	11869	2.125	ug/l	
81) trans-1,4-Dichloro-2-b...	12.469	75	674m	1.767	ug/l	
82) 4-Chlorotoluene	12.951	91	10429	2.219	ug/l	
83) tert-Butylbenzene	13.169	119	10152	2.174	ug/l	
84) 1,2,4-Trimethylbenzene	13.210	105	11511	2.038	ug/l	
85) sec-Butylbenzene	13.346	105	15287	2.162	ug/l	
86) p-Isopropyltoluene	13.457	119	12835	2.086	ug/l	
87) 1,3-Dichlorobenzene	13.457	146	6714	2.196	ug/l	
88) 1,4-Dichlorobenzene	13.540	146	7197m	2.382	ug/l	
89) n-Butylbenzene	13.787	91	13258	2.214	ug/l	
90) Hexachloroethane	14.057	117	2771	2.296	ug/l	
91) 1,2-Dichlorobenzene	13.828	146	6209	2.415	ug/l	
92) 1,2-Dibromo-3-Chloropr...	14.457	75	420	2.345	ug/l #	
93) 1,2,4-Trichlorobenzene	15.104	180	3673	2.311	ug/l	
94) Hexachlorobutadiene	15.198	225	1728	2.250	ug/l	
95) Naphthalene	15.334	128	6463	2.175	ug/l #	
96) 1,2,3-Trichlorobenzene	15.528	180	2780	2.085	ug/l	

01/25/2024
 Supervised By :Semsettin
 Yesilyurt

01/25/2024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
Data File : VD078222.D
Acq On : 24 Jan 2024 14:53
Operator : RP/MD
Sample : P1187-03 2.5 PPB
Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 25 01:16:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 01:15:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

Manual Integrations
APPROVED

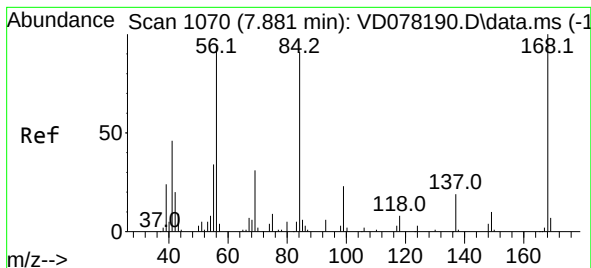
Reviewed By :Mahesh
Dadoda

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

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

01/25/2024
Supervised By :Semsettin
Yesilyurt

01/25/2024



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion:168 Resp: 11347

Ion Ratio Lower Upper

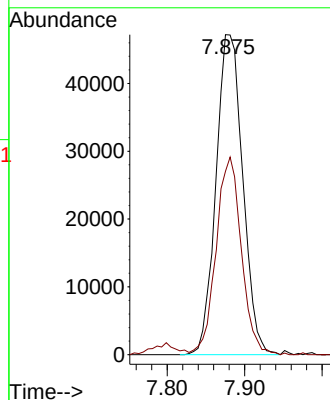
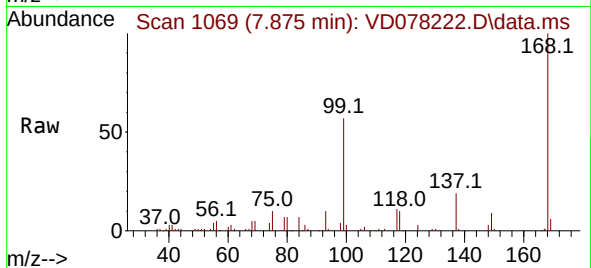
168 100

99 57.3 36.7 55.1

Manual Integrations

APPROVED

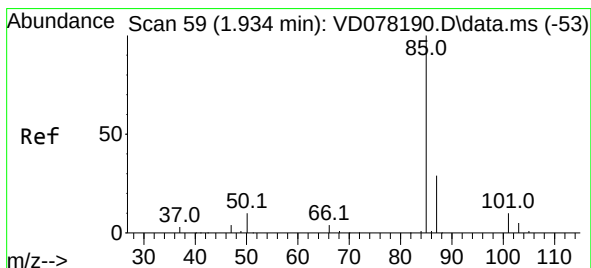
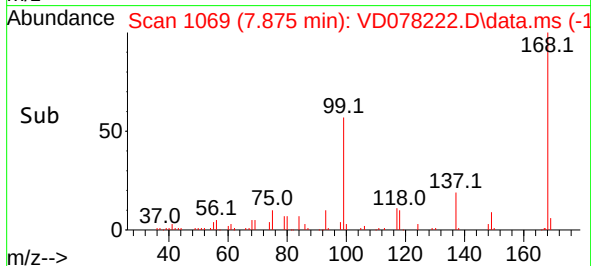
Reviewed By :Mahesh
Dadoda



01/25/2024

Supervised By :Semsettin
Yesilyurt

01/25/2024



#2

Dichlorodifluoromethane

Concen: 2.622 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078222.D

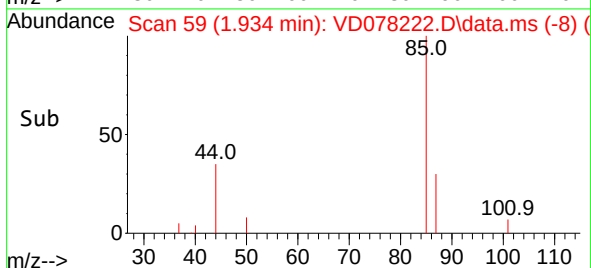
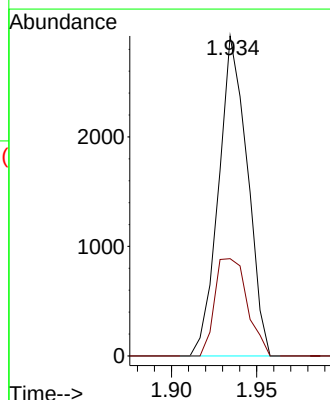
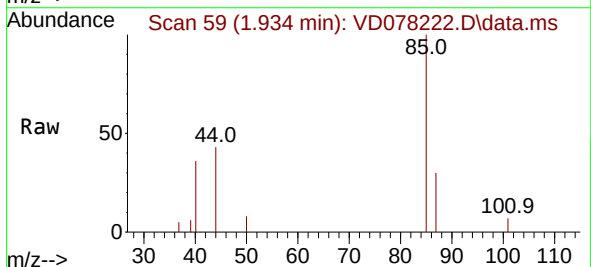
Acq: 24 Jan 2024 14:53

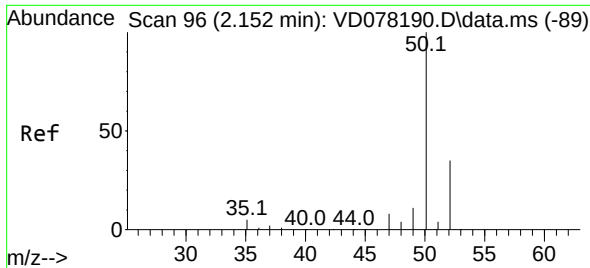
Tgt Ion: 85 Resp: 3428

Ion Ratio Lower Upper

85 100

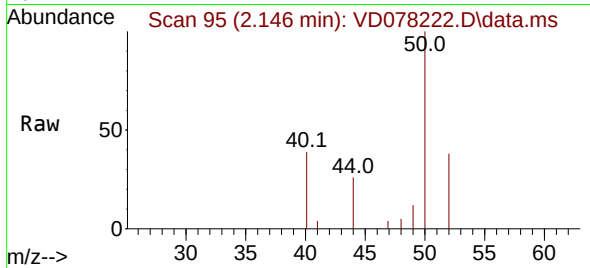
87 30.4 15.7 47.0





#3
Chloromethane
Concen: 2.589 ug/l
RT: 2.146 min Scan# 96
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



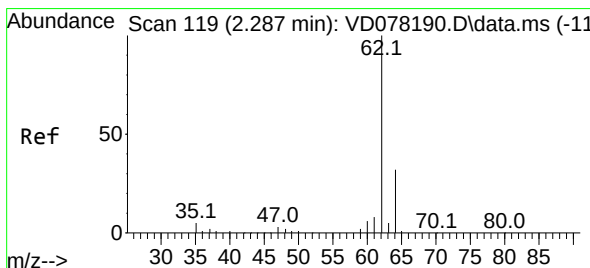
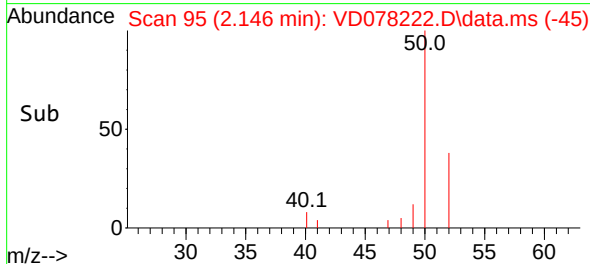
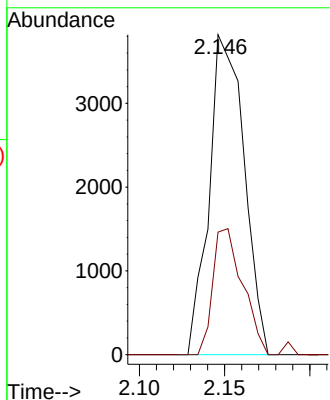
Tgt Ion: 50 Resp: 5460
Ion Ratio Lower Upper
50 100
52 38.3 26.6 40.0

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

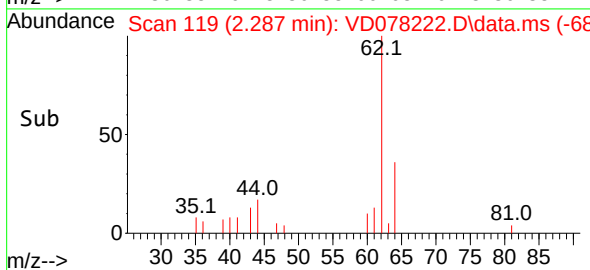
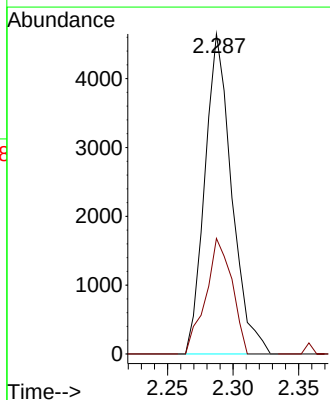
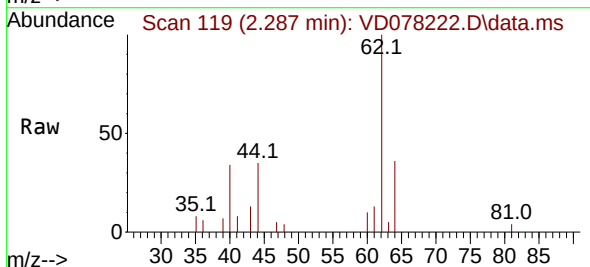
01/25/2024
Supervised By :Semsettin
Yesilyurt

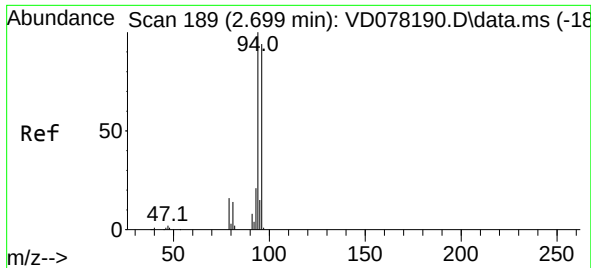
01/25/2024



#4
Vinyl Chloride
Concen: 2.465 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

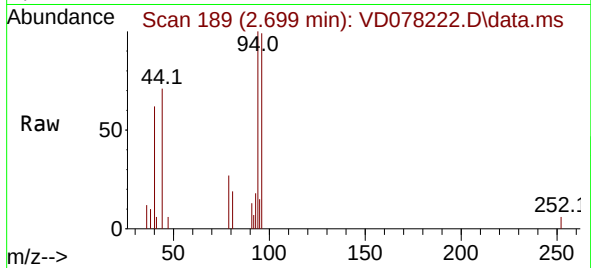
Tgt Ion: 62 Resp: 6632
Ion Ratio Lower Upper
62 100
64 36.1 26.0 39.0





#5
Bromomethane
Concen: 2.733 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



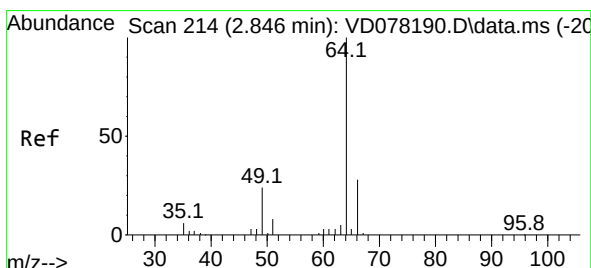
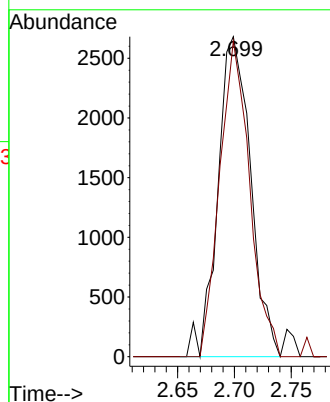
Tgt Ion: 94 Resp: 5360
Ion Ratio Lower Upper
94 100
96 90.4 75.8 113.8

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

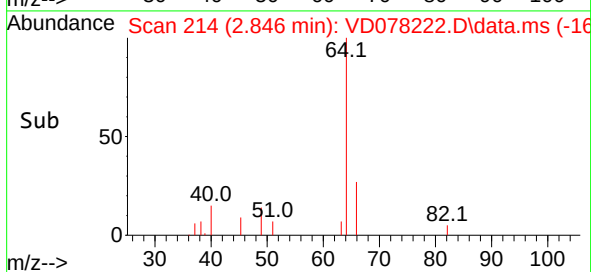
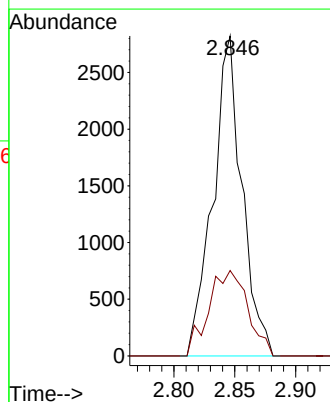
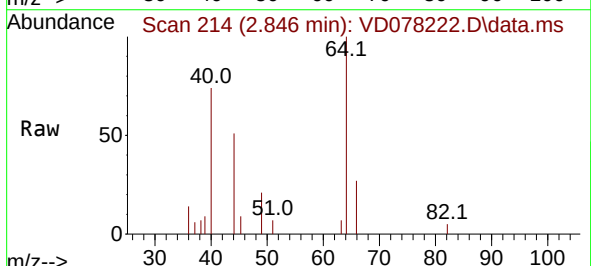
01/25/2024
Supervised By :Semsettin
Yesilyurt

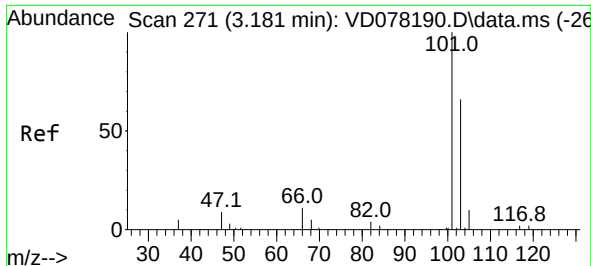
01/25/2024



#6
Chloroethane
Concen: 2.491 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

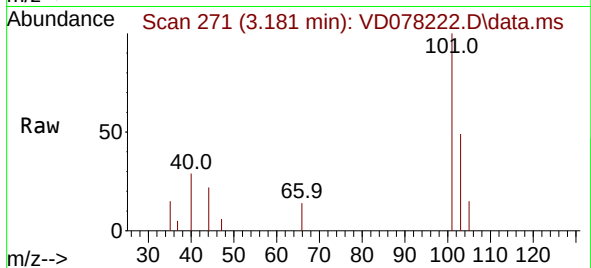
Tgt Ion: 64 Resp: 4683
Ion Ratio Lower Upper
64 100
66 26.7 25.5 38.3





#7
Trichlorofluoromethane
Concen: 2.490 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



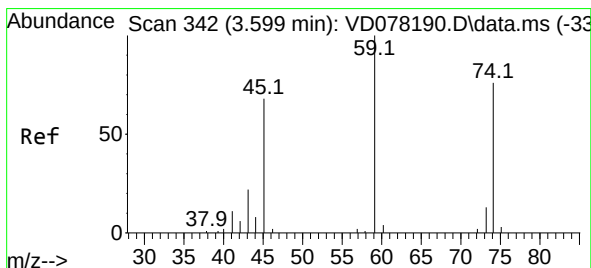
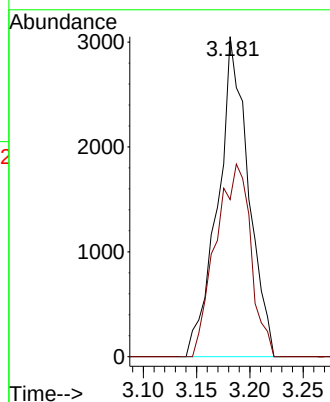
Tgt Ion:101 Resp: 6094
Ion Ratio Lower Upper
101 100
103 49.1 52.3 78.5

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

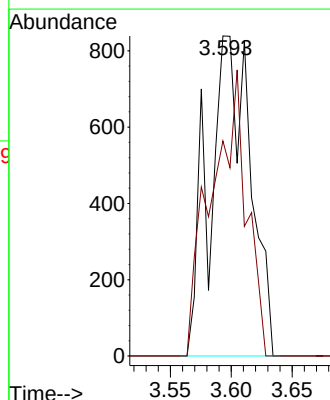
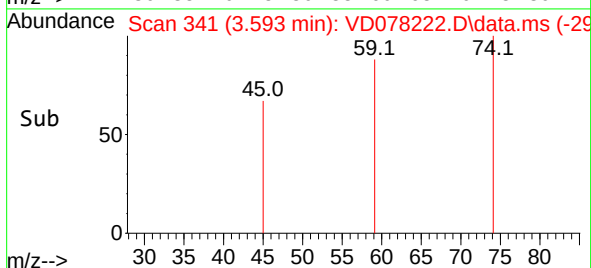
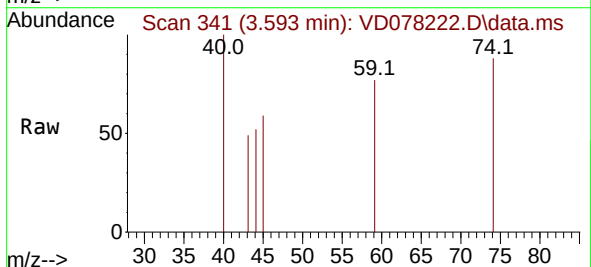
01/25/2024
Supervised By :Semsettin
Yesilyurt

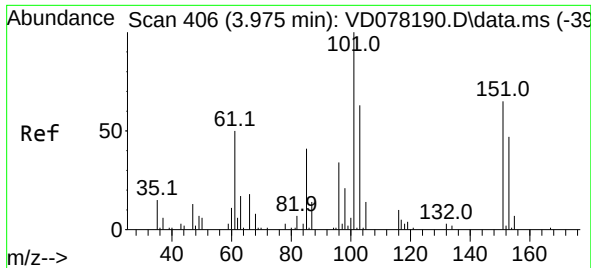
01/25/2024



#8
Diethyl Ether
Concen: 2.903 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion: 74 Resp: 1970
Ion Ratio Lower Upper
74 100
45 76.1 37.5 112.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.991 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

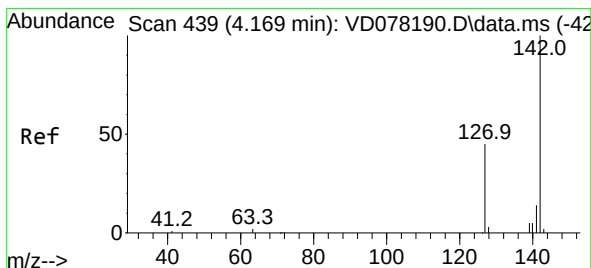
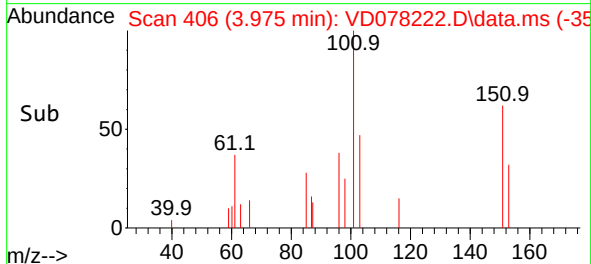
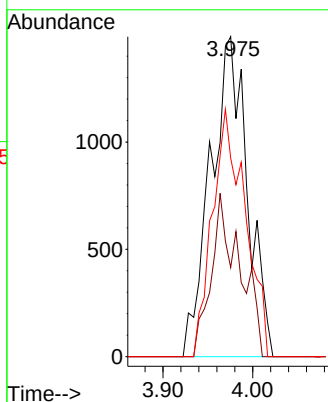
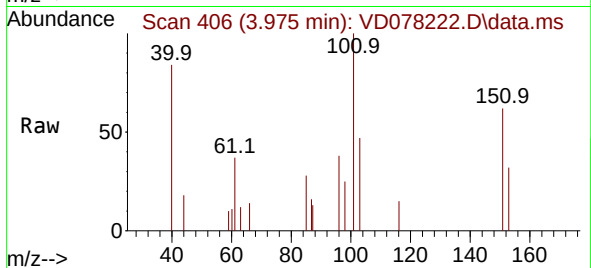
Tgt Ion:	101	Resp:	4240
Ion	Ratio	Lower	Upper
101	100		
85	39.6	33.8	50.6
151	68.9	59.8	89.6

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

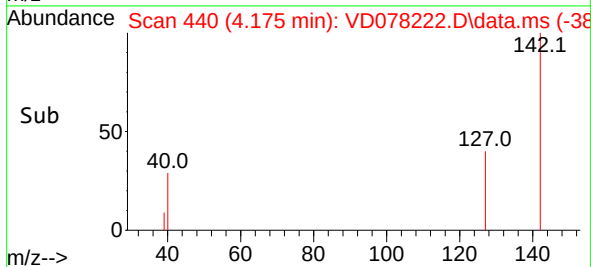
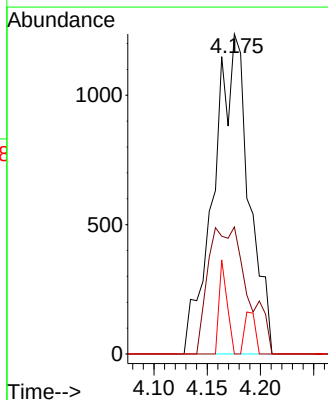
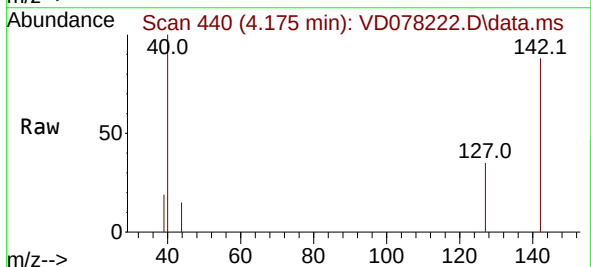
01/25/2024
Supervised By :Semsettin
Yesilyurt

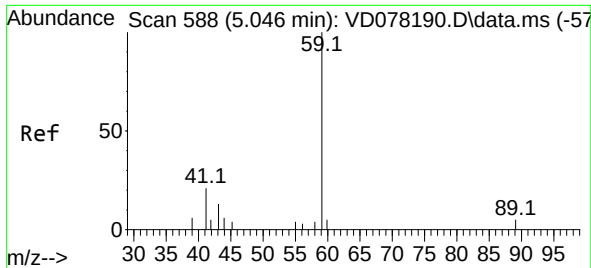
01/25/2024



#10
Methyl Iodide
Concen: 1.999 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

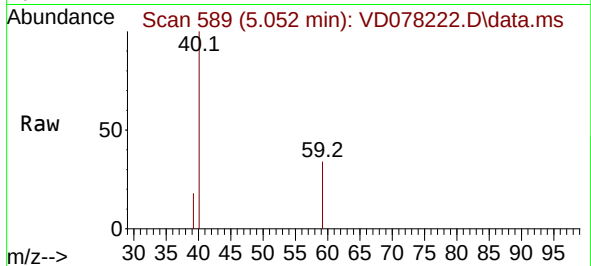
Tgt Ion:	142	Resp:	2841
Ion	Ratio	Lower	Upper
142	100		
127	44.1	29.4	44.0#
141	4.0	11.1	16.7#





#11
Tert butyl alcohol
Concen: 10.161 ug/l
RT: 5.052 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



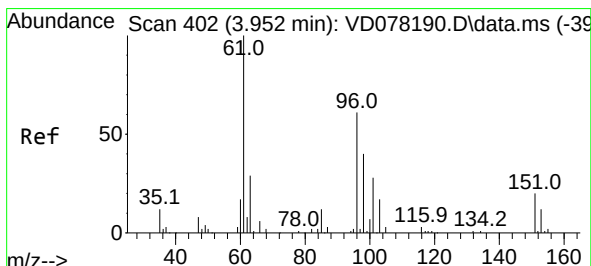
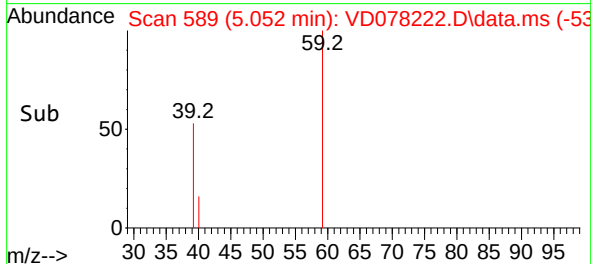
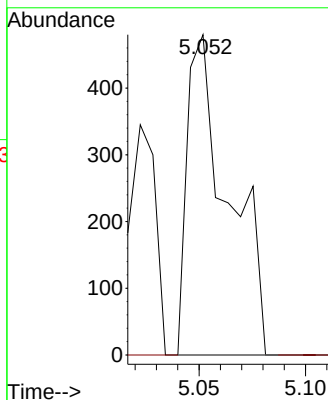
Tgt Ion: 59 Resp: 648
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

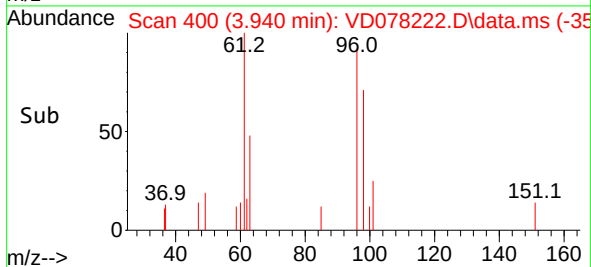
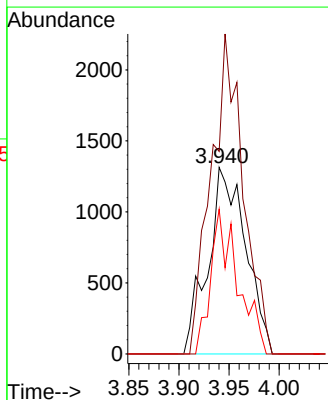
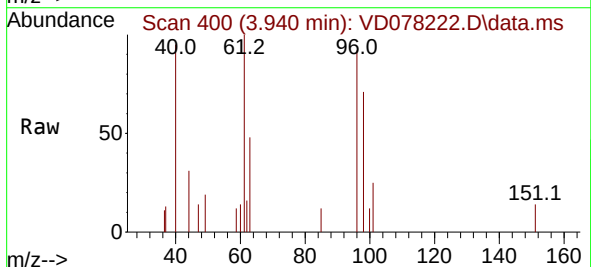
01/25/2024
Supervised By :Semsettin
Yesilyurt

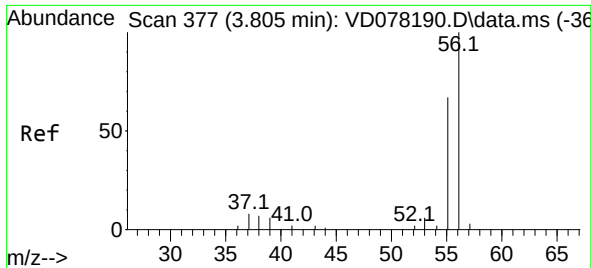
01/25/2024



#12
1,1-Dichloroethene
Concen: 2.454 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

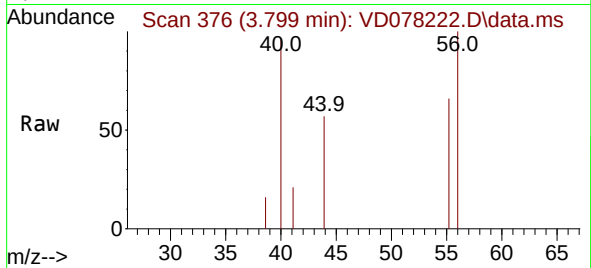
Tgt Ion: 96 Resp: 3446
Ion Ratio Lower Upper
96 100
61 108.6 100.6 150.8
98 77.6 50.2 75.2





#13
Acrolein
Concen: 13.674 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



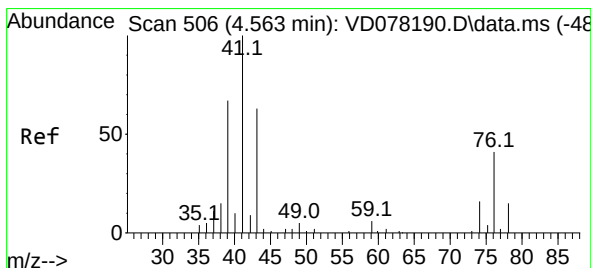
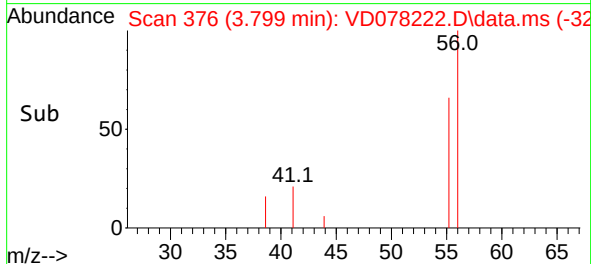
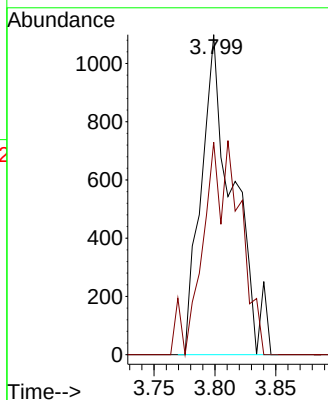
Tgt Ion: 56 Resp: 200
Ion Ratio Lower Upper
56 100
55 40.7 55.1 82.7

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

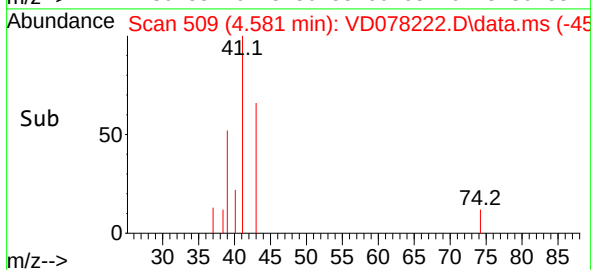
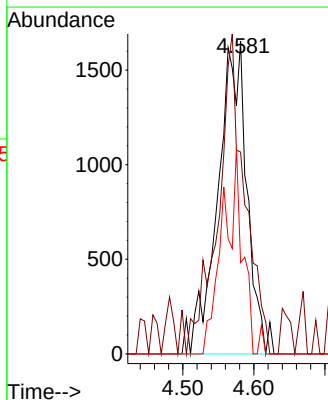
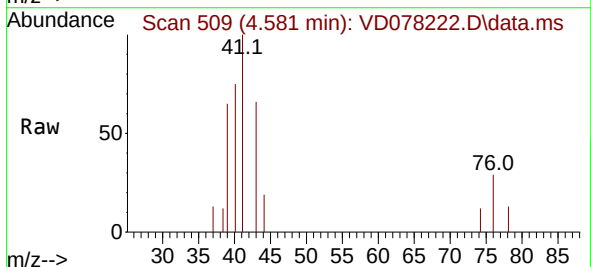
01/25/2024
Supervised By :Semsettin
Yesilyurt

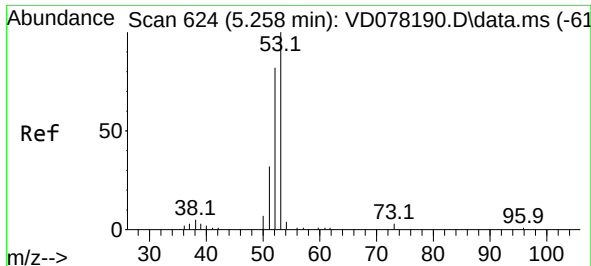
01/25/2024



#14
Allyl chloride
Concen: 2.565 ug/l
RT: 4.581 min Scan# 509
Delta R.T. 0.018 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

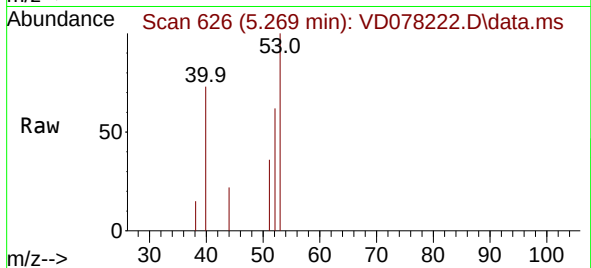
Tgt Ion: 41 Resp: 4751
Ion Ratio Lower Upper
41 100
39 92.9 53.8 80.6#
76 0.0 45.8 68.8#





#15
Acrylonitrile
Concen: 12.234 ug/l m
RT: 5.269 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



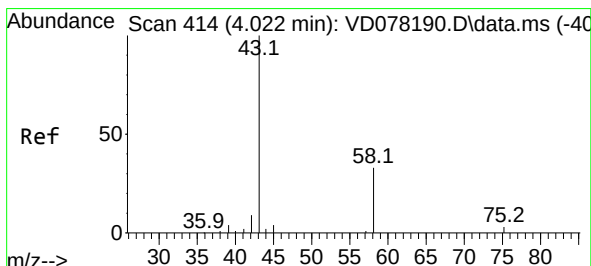
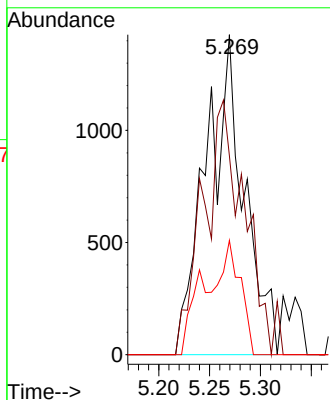
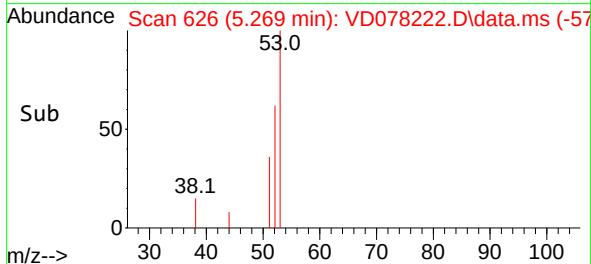
Tgt Ion: 53 Resp: 3725
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.4
51 13.0 28.3 42.5

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

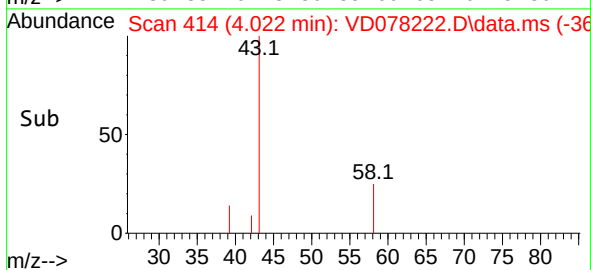
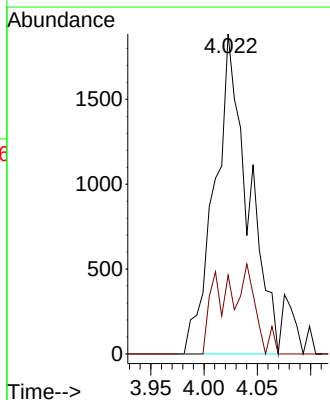
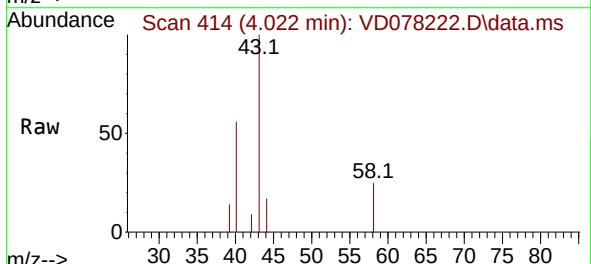
01/25/2024
Supervised By :Semsettin
Yesilyurt

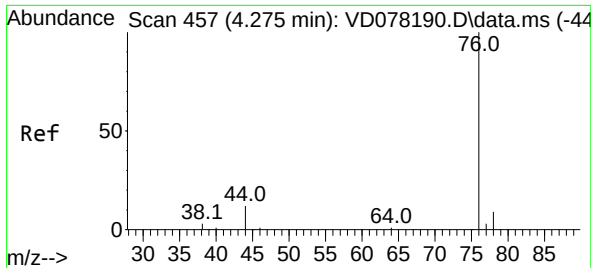
01/25/2024



#16
Acetone
Concen: 10.671 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

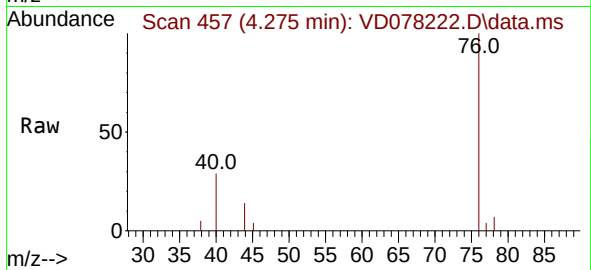
Tgt Ion: 43 Resp: 4121
Ion Ratio Lower Upper
43 100
58 24.6 34.7 52.1





#17
Carbon Disulfide
Concen: 2.516 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



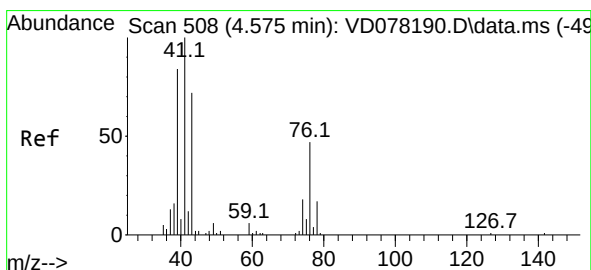
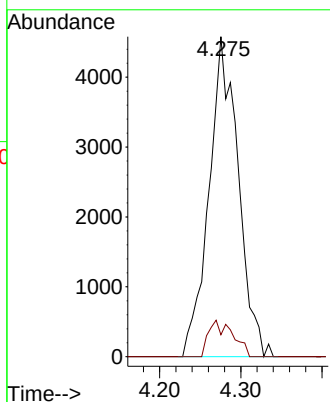
Tgt Ion: 76 Resp: 1145
Ion Ratio Lower Upper
76 100
78 6.9 6.8 10.2

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

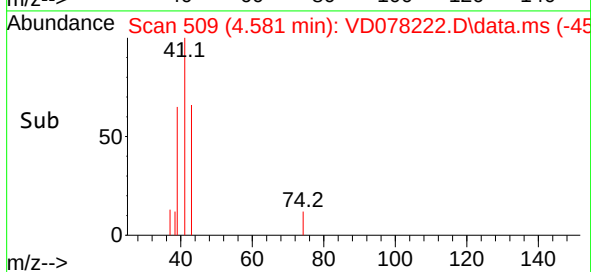
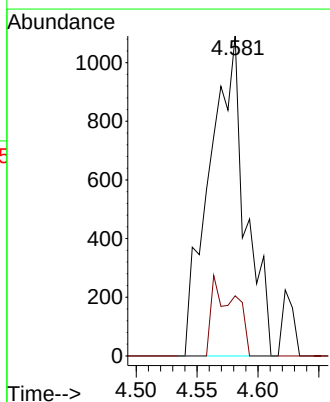
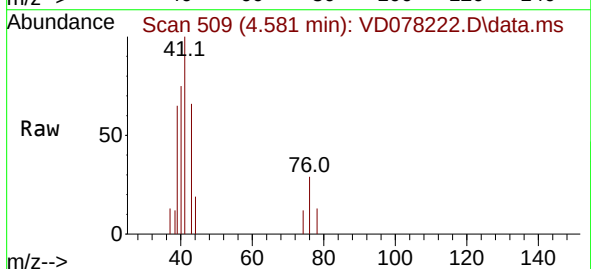
01/25/2024
Supervised By :Semsettin
Yesilyurt

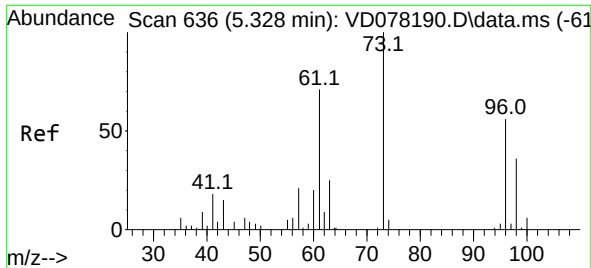
01/25/2024



#18
Methyl Acetate
Concen: 2.005 ug/l
RT: 4.581 min Scan# 509
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
74 15.8 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 2.184 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

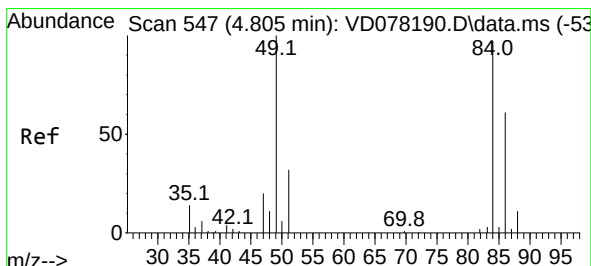
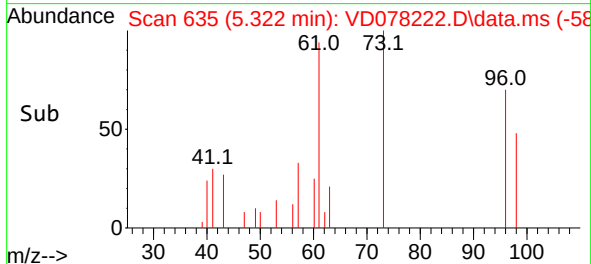
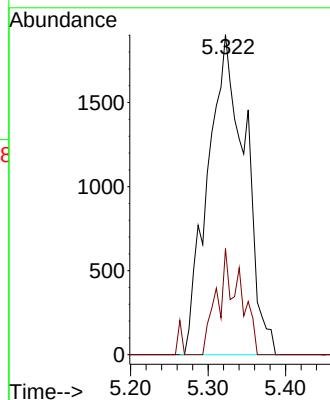
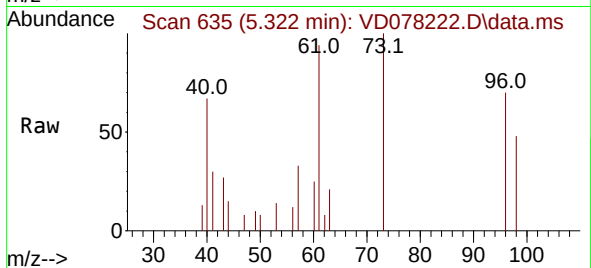
Tgt Ion: 73 Resp: 6390
Ion Ratio Lower Upper
73 100
57 33.1 16.6 25.0

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

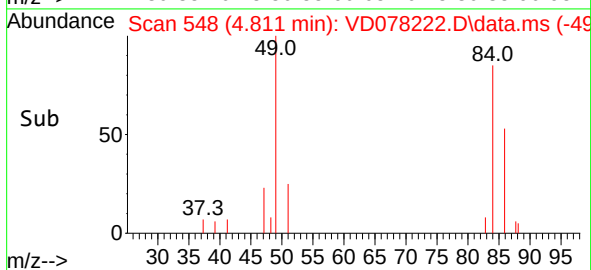
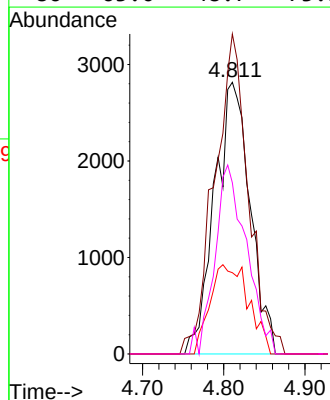
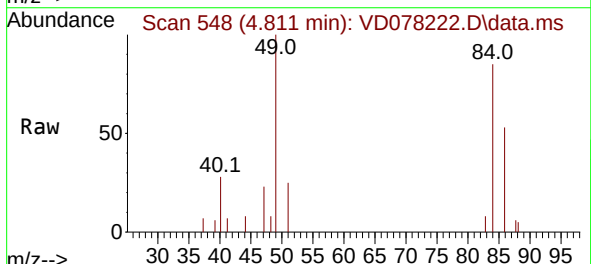
01/25/2024
Supervised By :Semsettin
Yesilyurt

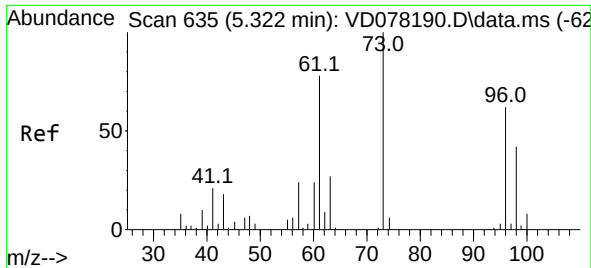
01/25/2024



#20
Methylene Chloride
Concen: 4.494 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

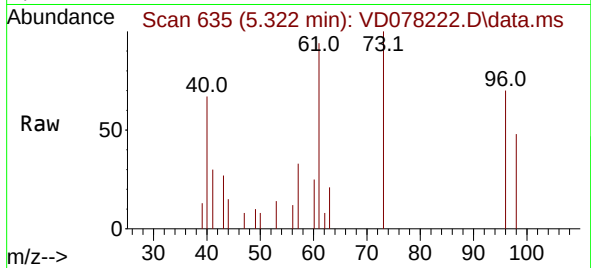
Tgt Ion: 84 Resp: 8540
Ion Ratio Lower Upper
84 100
49 117.8 71.4 107.2#
51 29.9 24.5 36.7
86 63.0 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 2.327 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



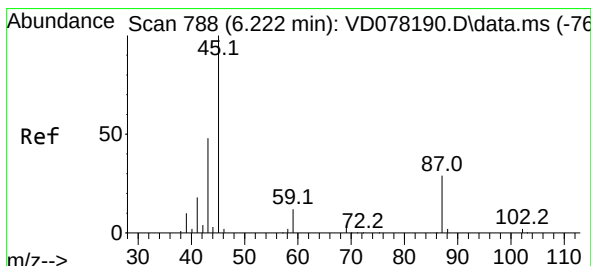
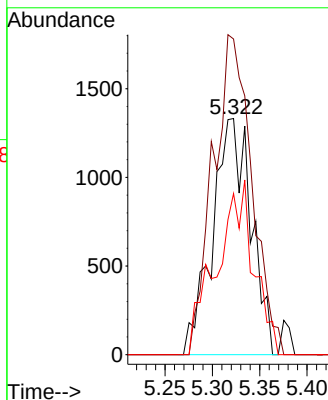
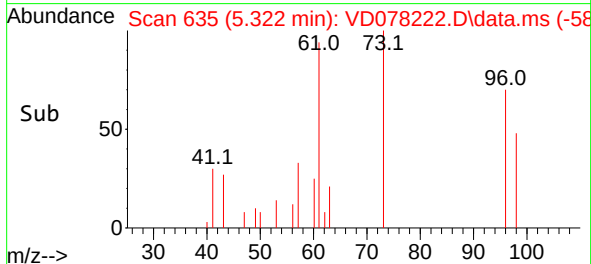
Tgt Ion: 96 Resp: 3770
Ion Ratio Lower Upper
96 100
61 133.7 89.3 133.9
98 68.2 48.6 73.0

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

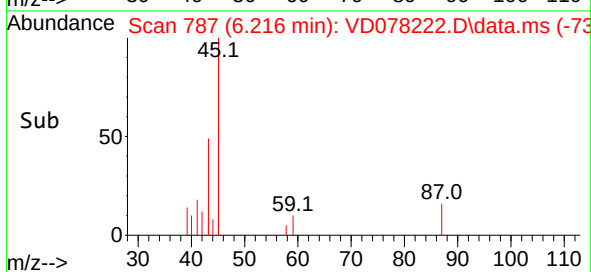
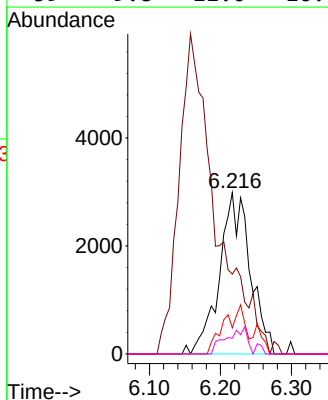
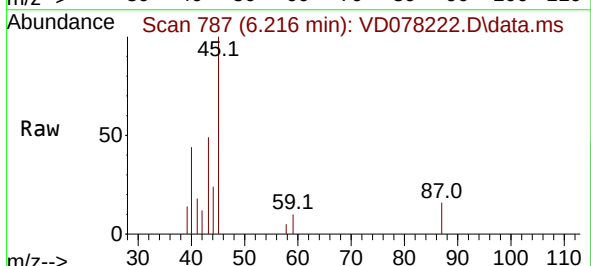
01/25/2024
Supervised By :Semsettin
Yesilyurt

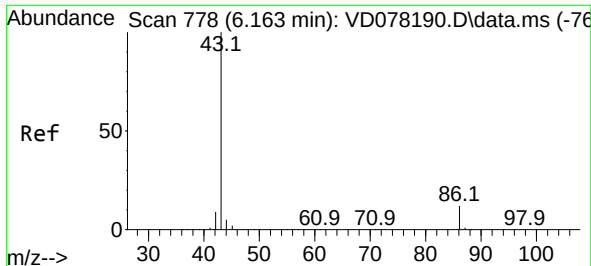
01/25/2024



#22
Diisopropyl ether
Concen: 2.304 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion: 45 Resp: 9030
Ion Ratio Lower Upper
45 100
43 44.0 40.0 60.0
87 16.1 28.2 42.4#
59 9.8 11.0 16.4#





#23

Vinyl Acetate

Concen: 11.006 ug/l

RT: 6.158 min Scan# 71

Delta R.T. -0.006 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 43 Resp: 21254

Ion Ratio Lower Upper

43 100

86 10.8 12.5 18.7

Manual Integrations

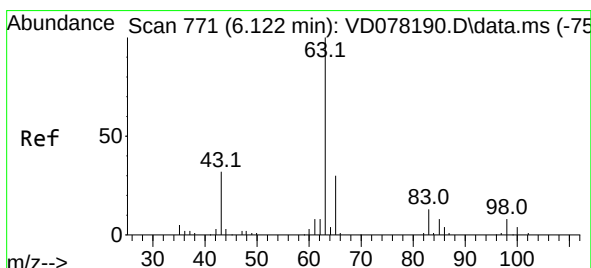
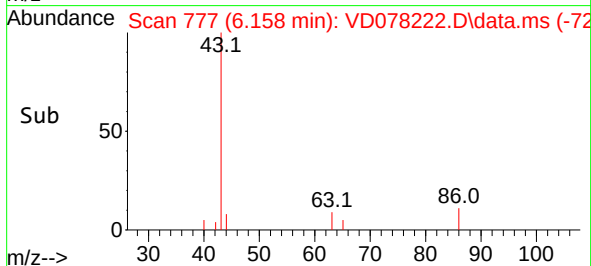
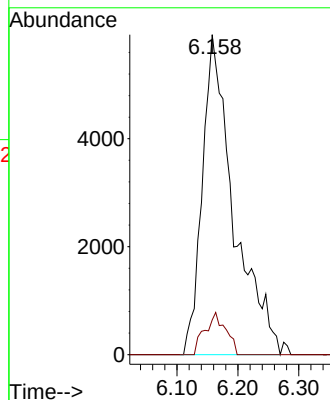
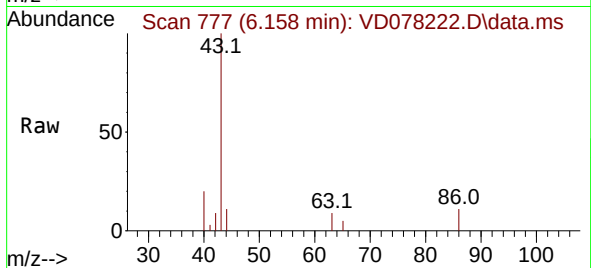
APPROVED

Reviewed By :Mahesh
Dadoda

01/25/2024

Supervised By :Semsettin
Yesilyurt

01/25/2024



#24

1,1-Dichloroethane

Concen: 2.672 ug/l

RT: 6.122 min Scan# 771

Delta R.T. 0.000 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

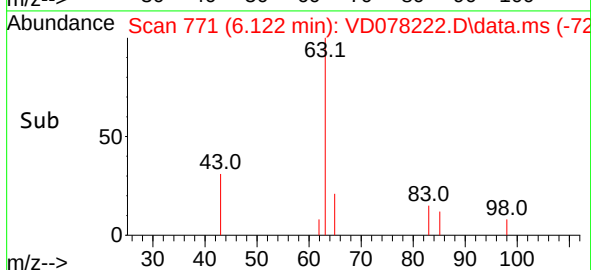
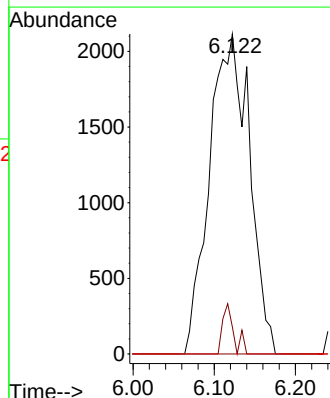
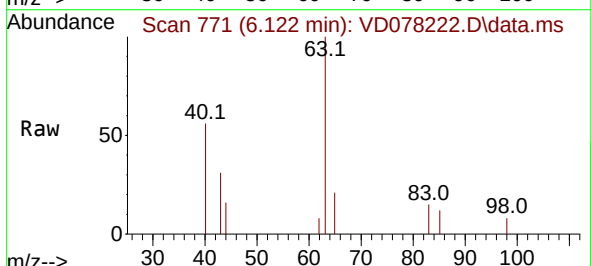
Tgt Ion: 63 Resp: 7236

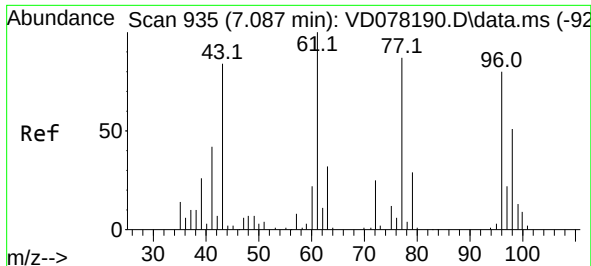
Ion Ratio Lower Upper

63 100

98 8.5 4.5 13.7

100 0.0 2.5 7.5





#25
2-Butanone
Concen: 10.841 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

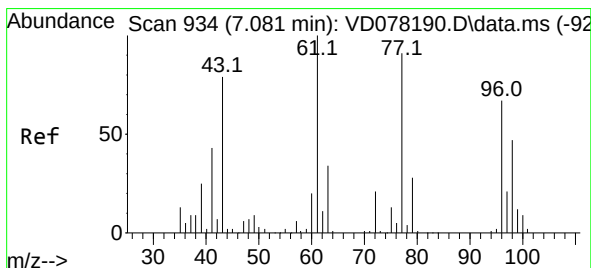
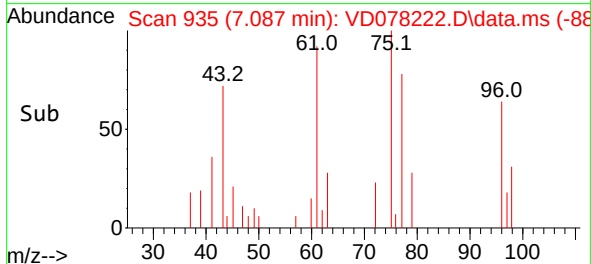
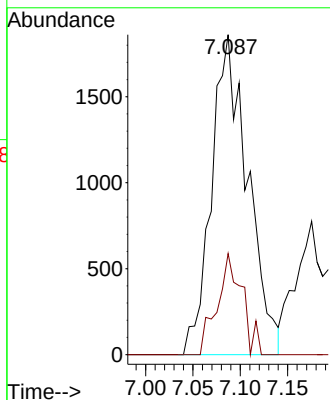
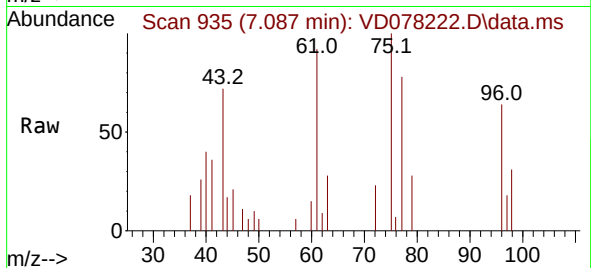
Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
72 31.6 30.7 46.1

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

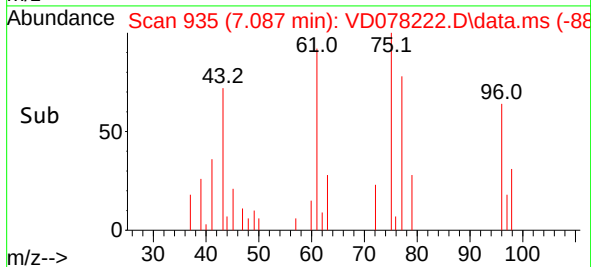
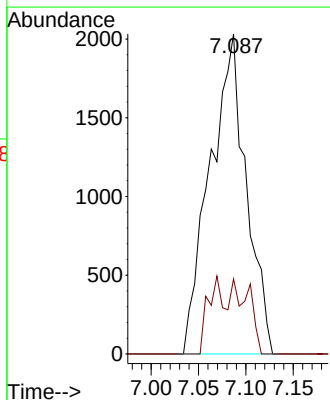
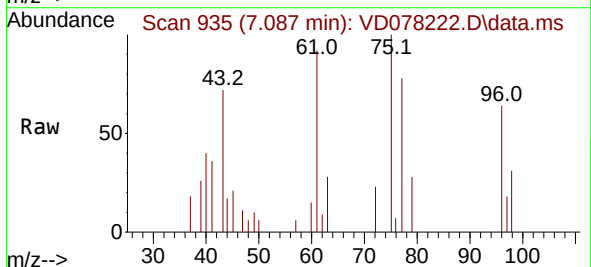
01/25/2024
Supervised By :Semsettin
Yesilyurt

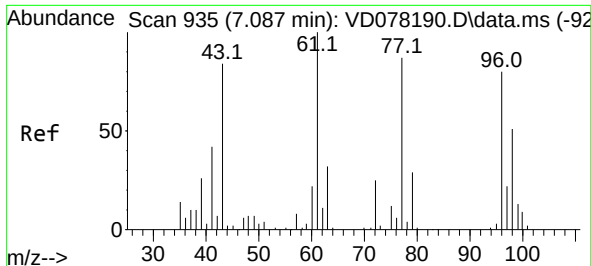
01/25/2024



#26
2,2-Dichloropropane
Concen: 2.384 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

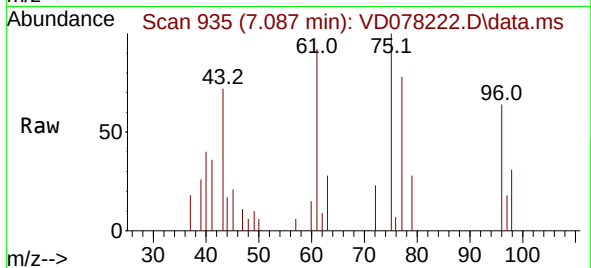
Tgt Ion: 77 Resp: 5410
Ion Ratio Lower Upper
77 100
97 11.3 13.2 39.6#





#27
cis-1,2-Dichloroethene
Concen: 2.456 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



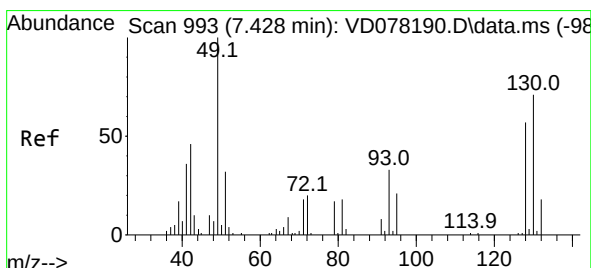
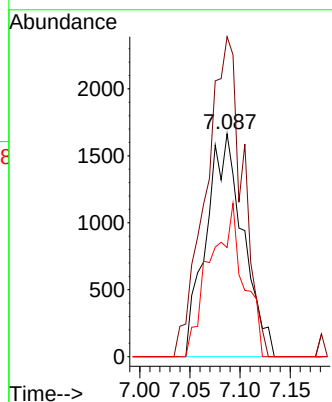
Tgt Ion: 96 Resp: 428
Ion Ratio Lower Upper
96 100
61 143.2 0.0 239.2
98 62.0 0.0 128.6

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

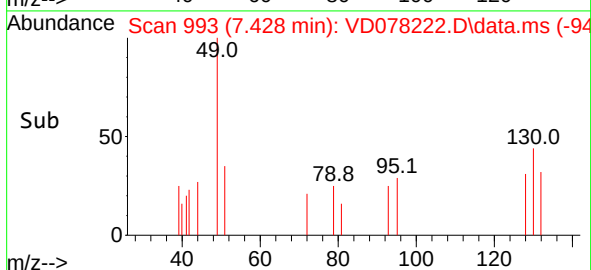
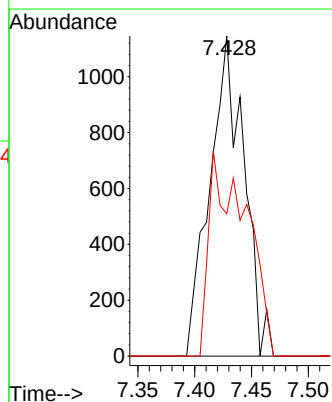
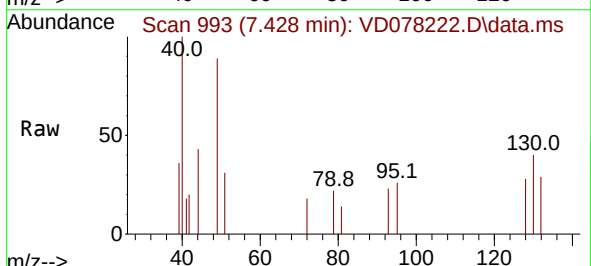
01/25/2024
Supervised By :Semsettin
Yesilyurt

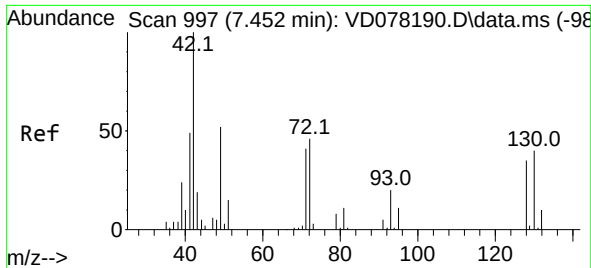
01/25/2024



#28
Bromochloromethane
Concen: 2.270 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

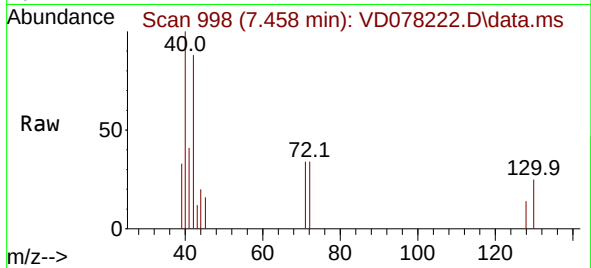
Tgt Ion: 49 Resp: 2398
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 31.2 83.2 124.8#





#29
Tetrahydrofuran
Concen: 13.031 ug/l
RT: 7.458 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



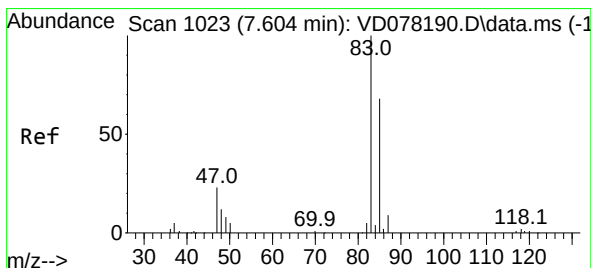
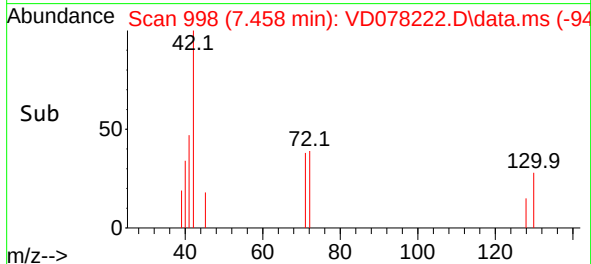
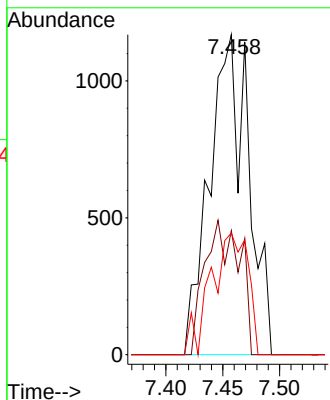
Tgt Ion: 42 Resp: 278
Ion Ratio Lower Upper
42 100
72 37.4 46.5 69.7
71 36.2 44.5 66.7

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

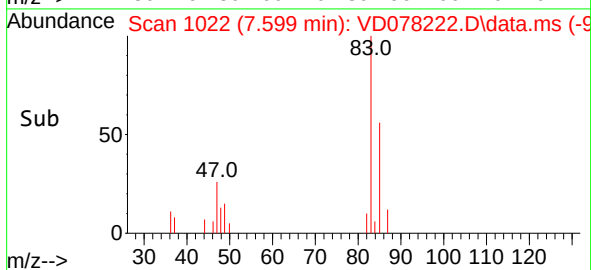
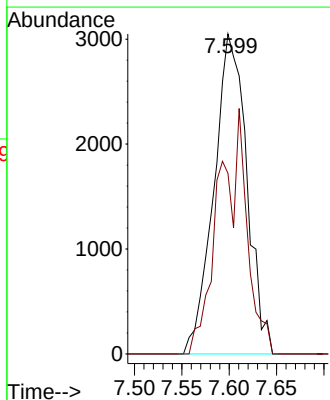
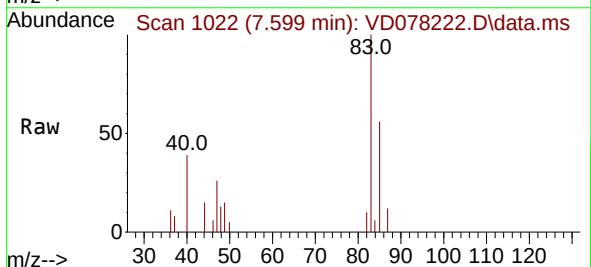
01/25/2024
Supervised By :Semsettin
Yesilyurt

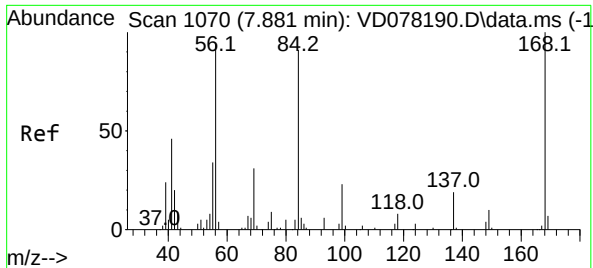
01/25/2024



#30
Chloroform
Concen: 2.674 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

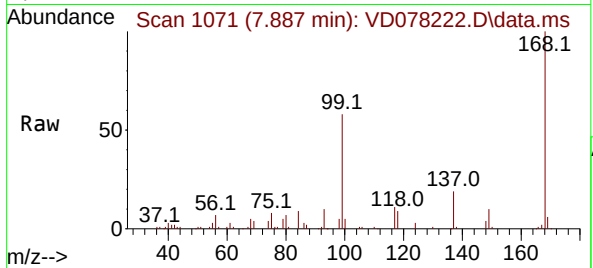
Tgt Ion: 83 Resp: 7365
Ion Ratio Lower Upper
83 100
85 56.5 53.4 80.2





#31
Cyclohexane
Concen: 3.266 ug/l
RT: 7.887 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



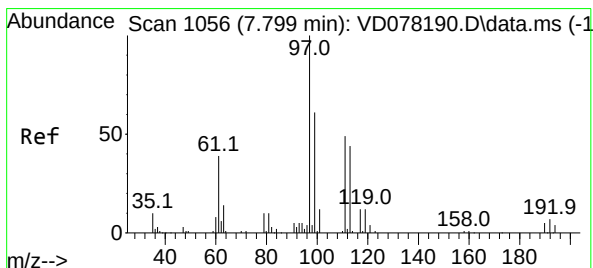
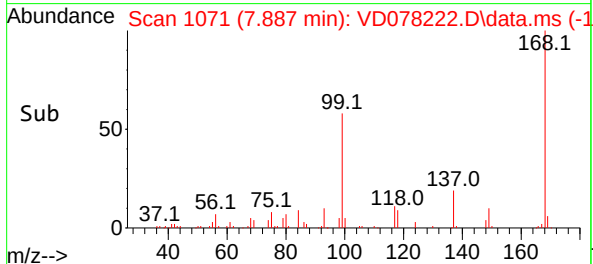
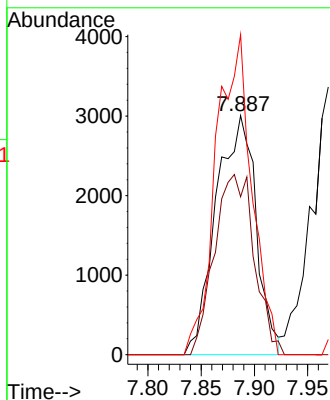
Tgt Ion: 56 Resp: 782
Ion Ratio Lower Upper
56 100
69 66.0 28.6 43.0
84 133.9 84.8 127.2

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

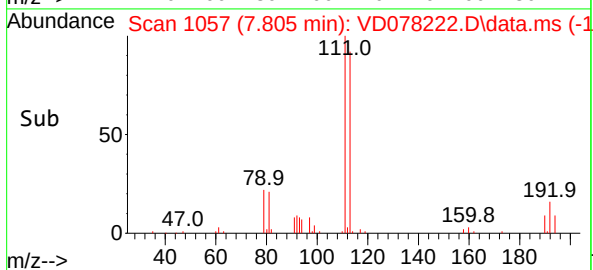
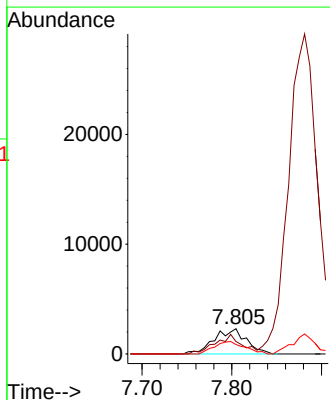
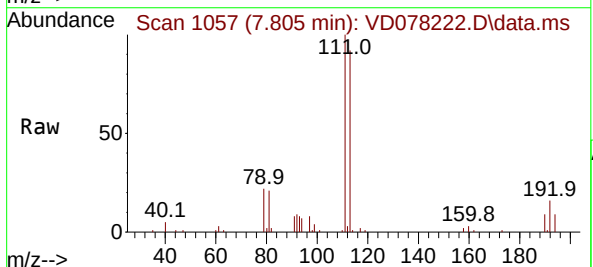
01/25/2024
Supervised By :Semsettin
Yesilyurt

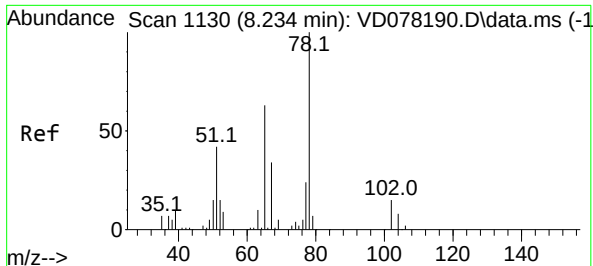
01/25/2024



#32
1,1,1-Trichloroethane
Concen: 2.396 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion: 97 Resp: 5700
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 46.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 54.119 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 65 Resp: 70108

Ion Ratio Lower Upper

65 100

67 53.5 0.0 115.0

Manual Integrations

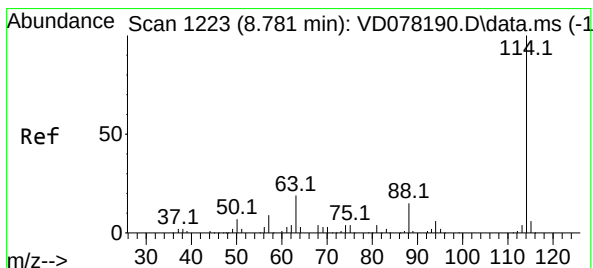
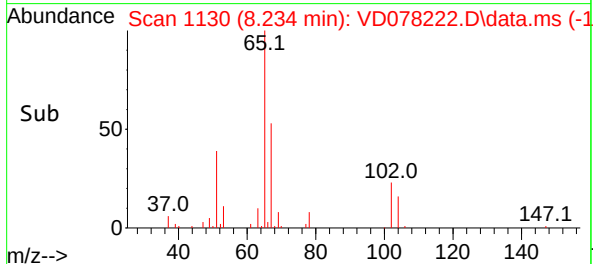
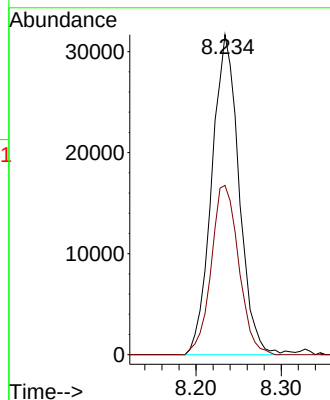
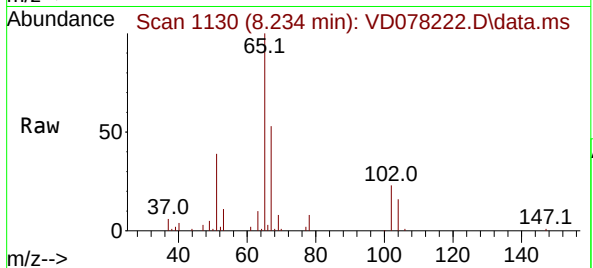
APPROVED

Reviewed By :Mahesh
Dadoda

01/25/2024

Supervised By :Semsettin
Yesilyurt

01/25/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

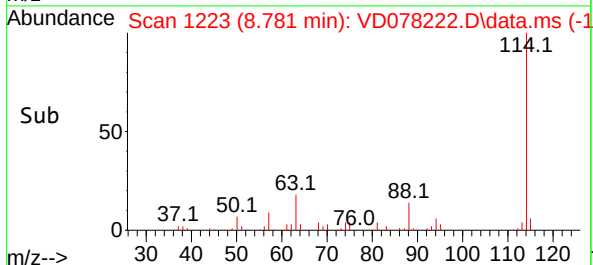
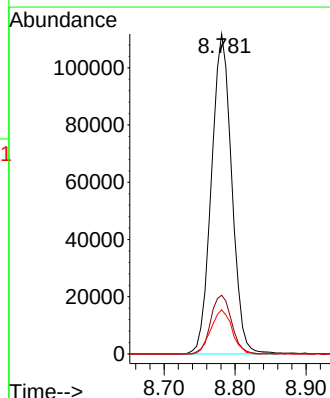
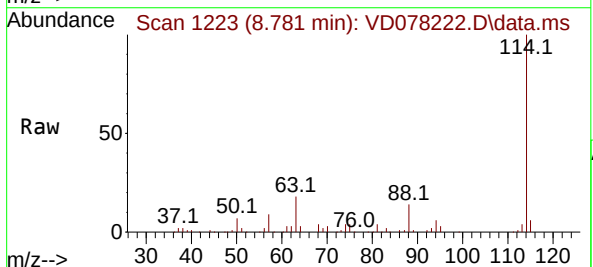
Tgt Ion:114 Resp: 221801

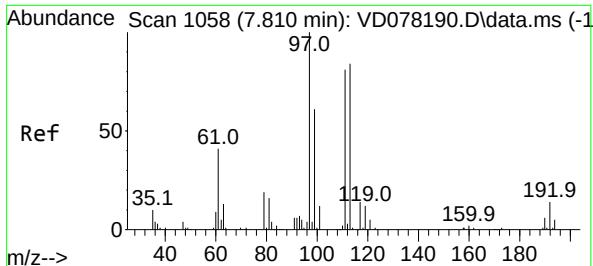
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

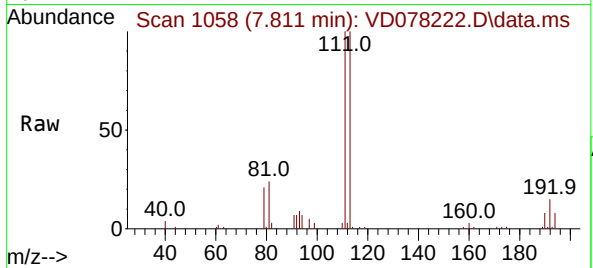
88 13.8 0.0 26.2





#35
Dibromofluoromethane
Concen: 49.248 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



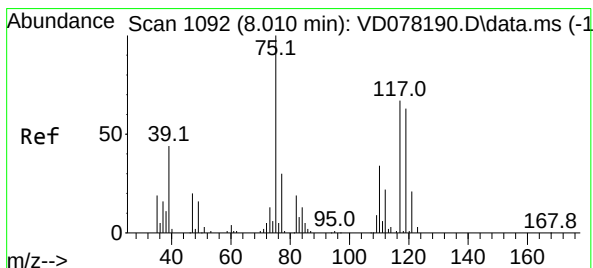
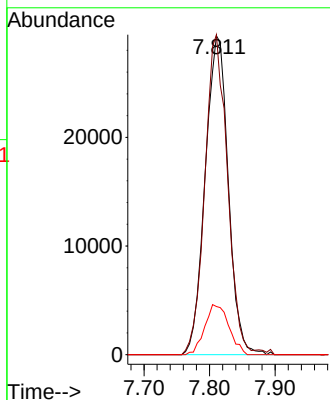
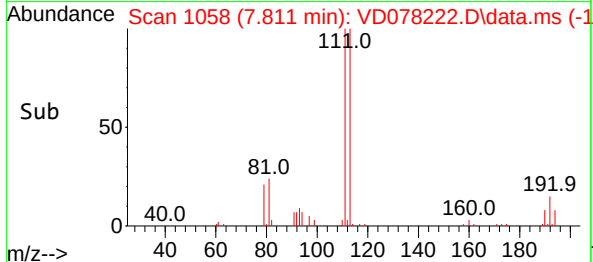
Tgt Ion: 113 Resp: 71890
Ion Ratio Lower Upper
113 100
111 98.6 84.7 127.1
192 16.4 16.8 25.2

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

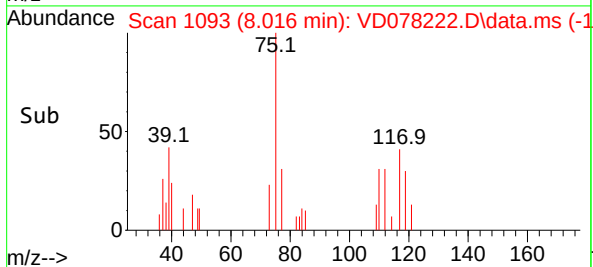
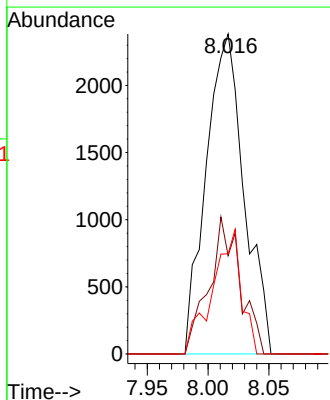
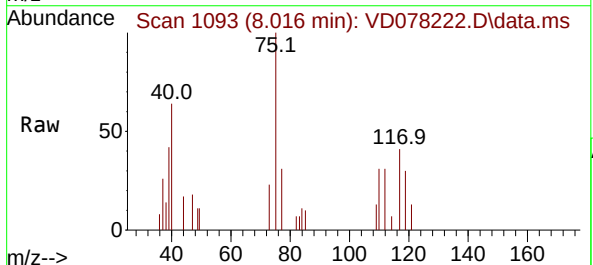
01/25/2024
Supervised By :Semsettin
Yesilyurt

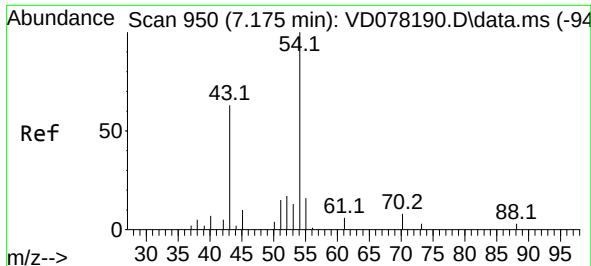
01/25/2024



#36
1,1-Dichloropropene
Concen: 2.157 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

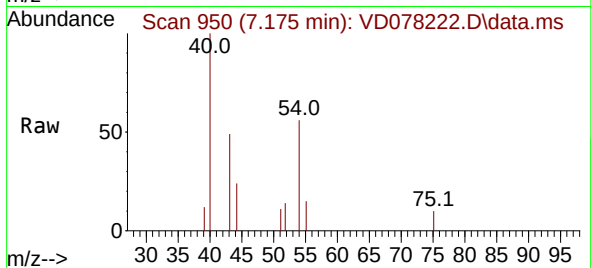
Tgt Ion: 75 Resp: 5179
Ion Ratio Lower Upper
75 100
110 35.1 19.9 59.6
77 29.6 24.7 37.1





#37
Ethyl Acetate
Concen: 2.170 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



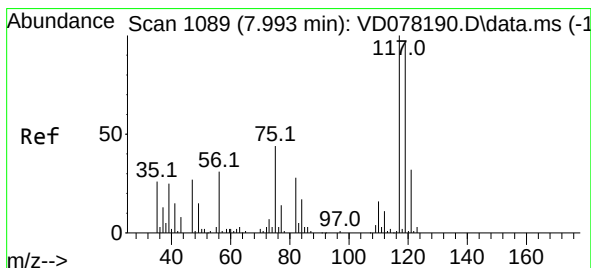
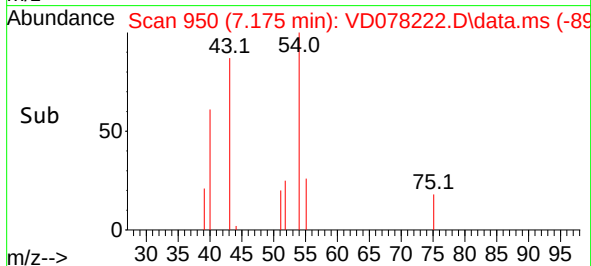
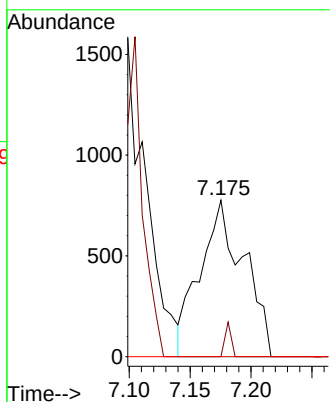
Tgt Ion: 43 Resp: 1939
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3
70 0.0 10.0 15.0

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

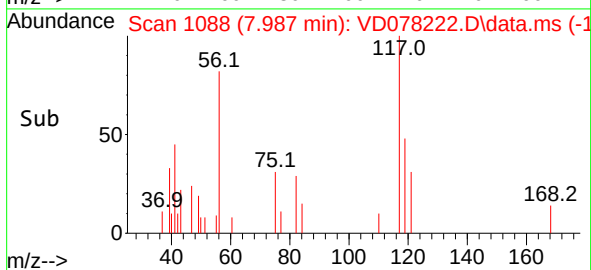
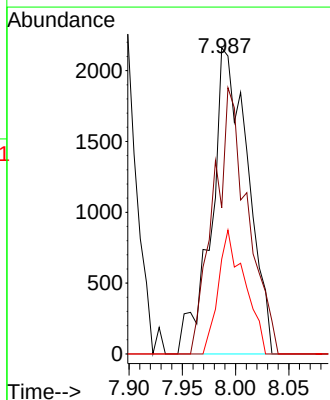
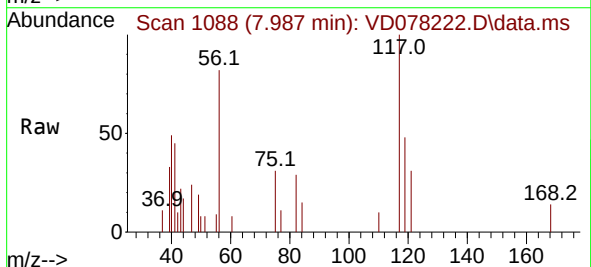
01/25/2024
Supervised By :Semsettin
Yesilyurt

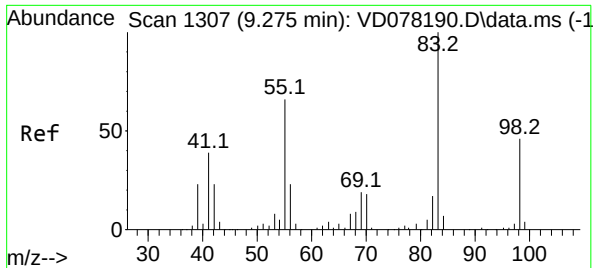
01/25/2024



#38
Carbon Tetrachloride
Concen: 2.169 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion:117 Resp: 5142
Ion Ratio Lower Upper
117 100
119 47.7 78.0 117.0#
121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 2.369 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 83	Resp: 6725
Ion Ratio	Lower Upper
83 100	
55 82.6	49.4 74.0
98 44.7	38.4 57.6

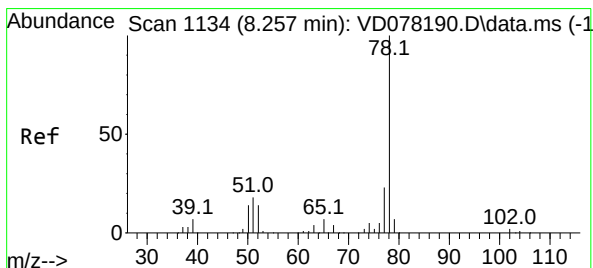
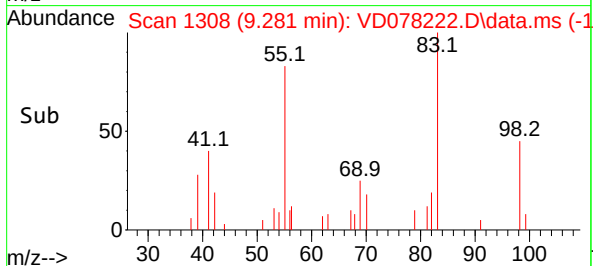
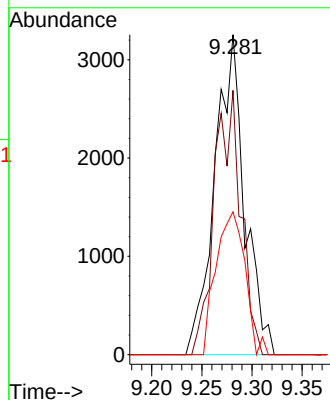
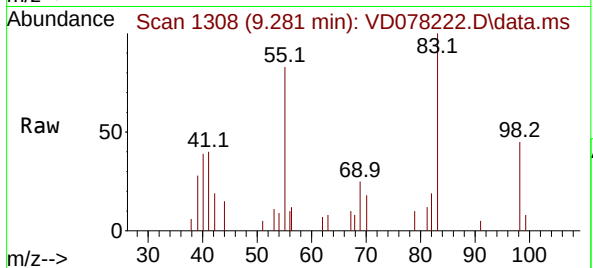
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

01/25/2024

Supervised By :Semsettin
Yesilyurt

01/25/2024



#40

Benzene

Concen: 2.359 ug/l

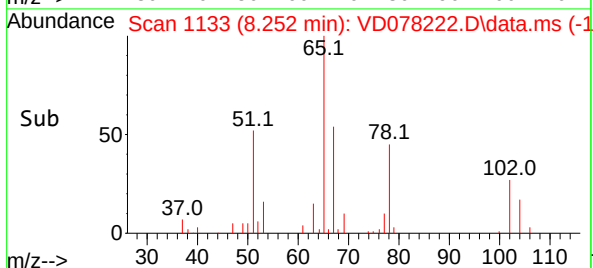
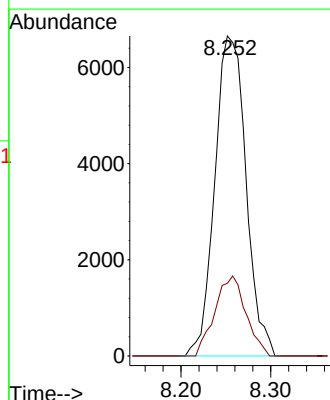
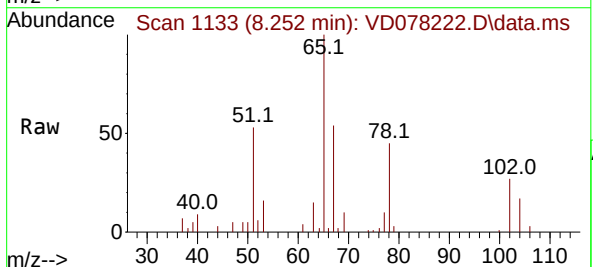
RT: 8.252 min Scan# 1133

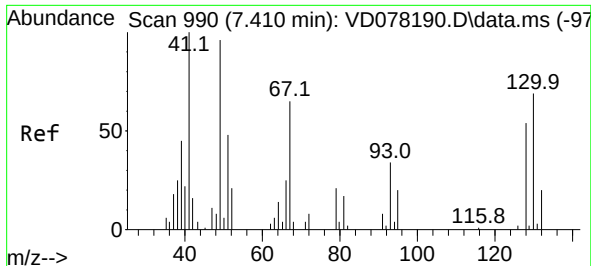
Delta R.T. -0.006 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

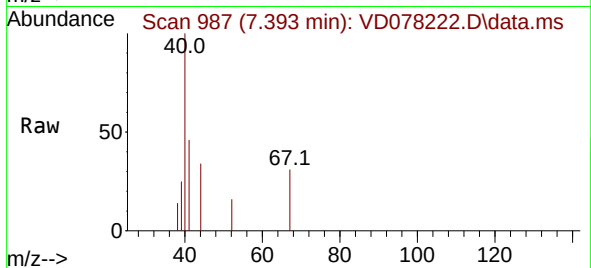
Tgt Ion: 78	Resp: 16070
Ion Ratio	Lower Upper
78 100	
77 22.7	19.4 29.0





#41
Methacrylonitrile
Concen: 2.093 ug/l m
RT: 7.393 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



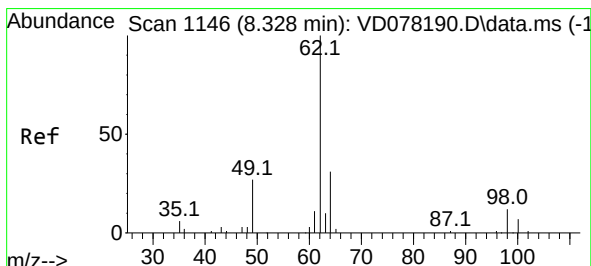
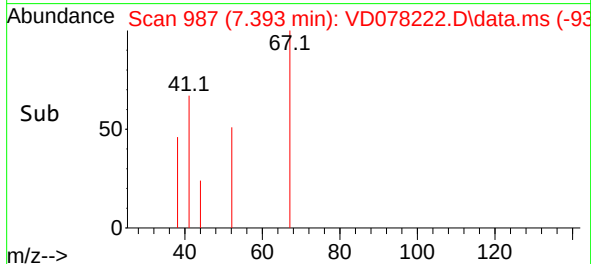
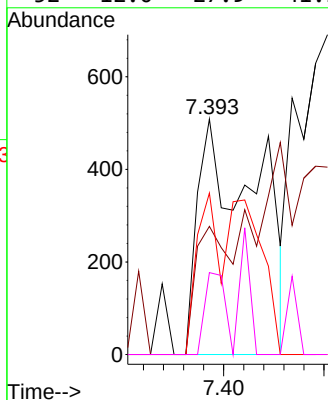
Tgt Ion: 41 Resp: 102
Ion Ratio Lower Upper
41 100
39 32.2 34.0 51.0
67 26.2 77.0 115.4
52 12.0 27.9 41.9

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

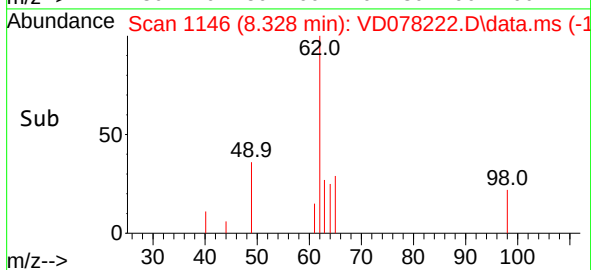
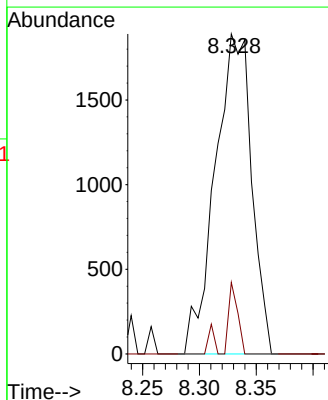
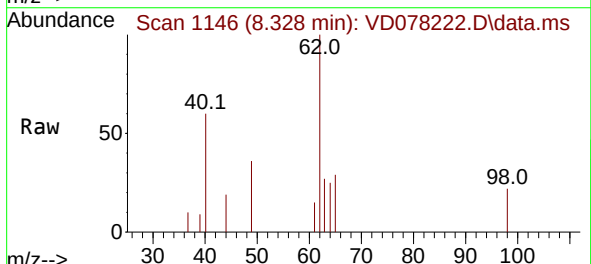
01/25/2024
Supervised By :Semsettin
Yesilyurt

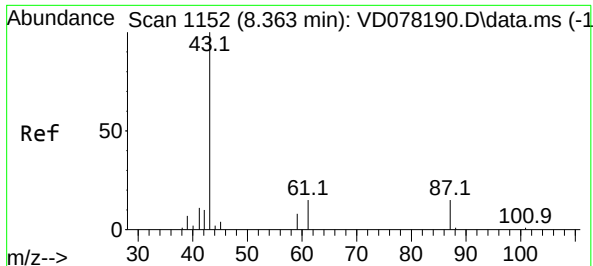
01/25/2024



#42
1,2-Dichloroethane
Concen: 2.377 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion: 62 Resp: 4213
Ion Ratio Lower Upper
62 100
98 5.5 0.0 25.4





#43

Isopropyl Acetate

Concen: 1.917 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078222.D

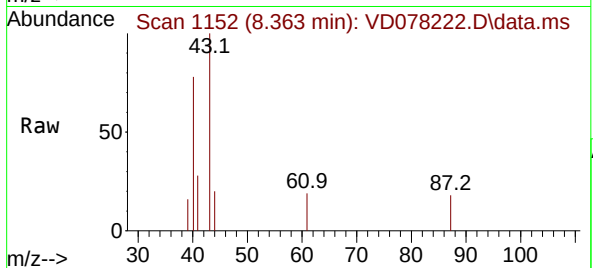
Acq: 24 Jan 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024



Tgt Ion: 43	Resp: 3139
Ion Ratio	Lower Upper
43	100
61	26.1 31.4 47.0
87	9.9 14.9 22.3

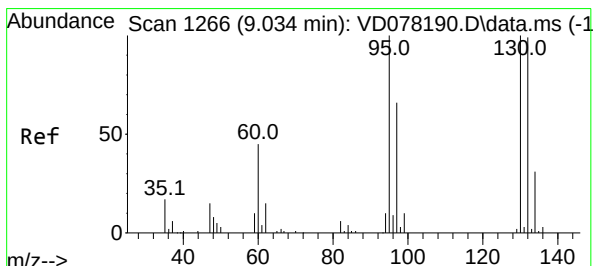
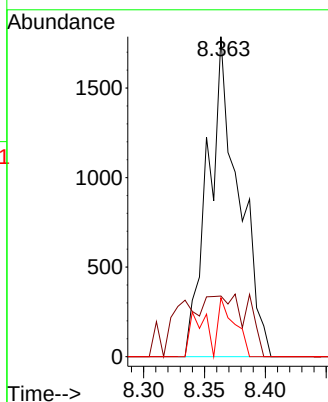
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

01/25/2024

Supervised By :Semsettin
Yesilyurt

01/25/2024



#44

Trichloroethene

Concen: 2.352 ug/l

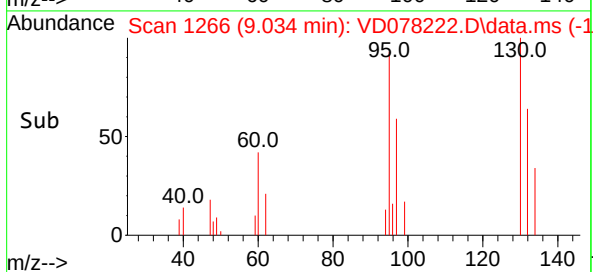
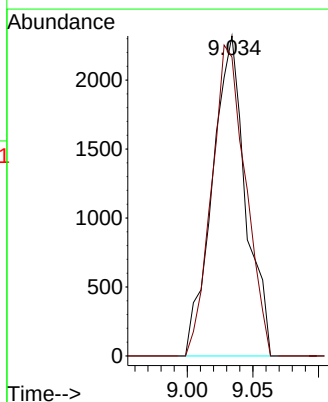
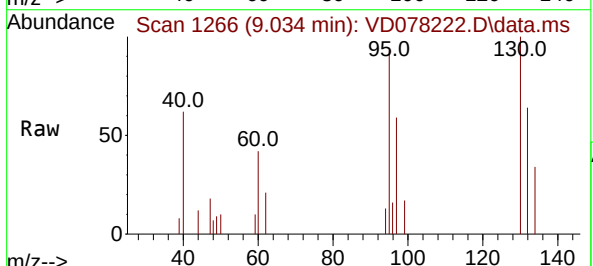
RT: 9.034 min Scan# 1266

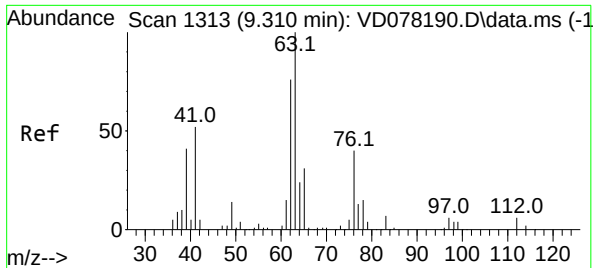
Delta R.T. 0.000 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

Tgt Ion:130	Resp: 4099
Ion Ratio	Lower Upper
130	100
95	93.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 2.142 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 63 Resp: 3620
 Ion Ratio Lower Upper
 63 100
 65 25.2 24.5 36.7

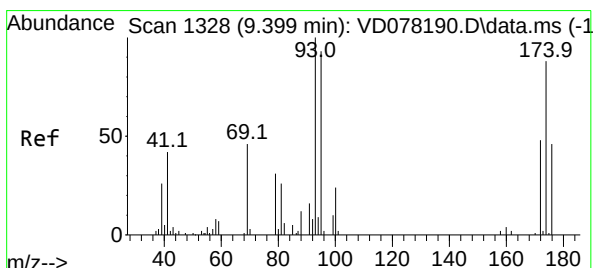
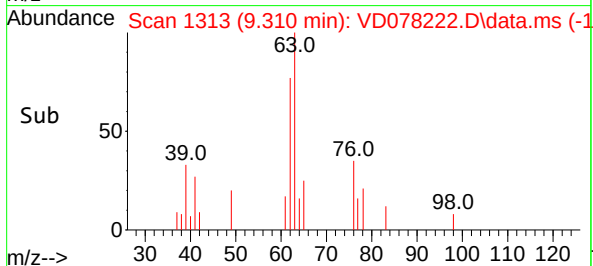
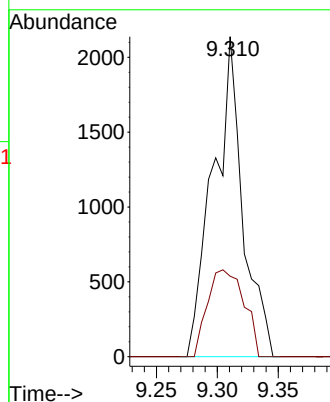
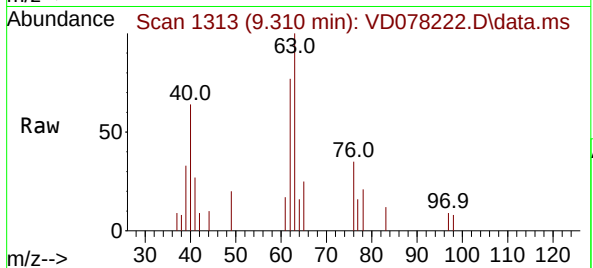
Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

01/25/2024

Supervised By :Semsettin
 Yesilyurt

01/25/2024



#46

Dibromomethane

Concen: 2.219 ug/l

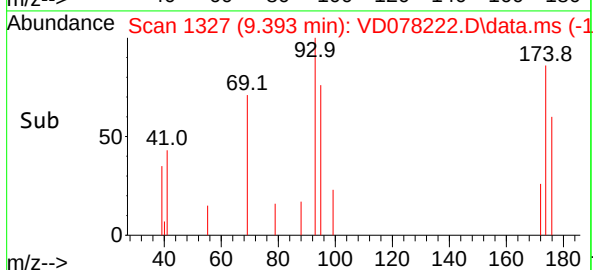
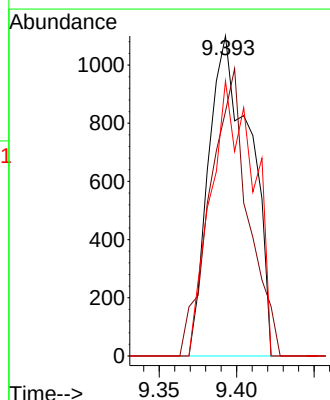
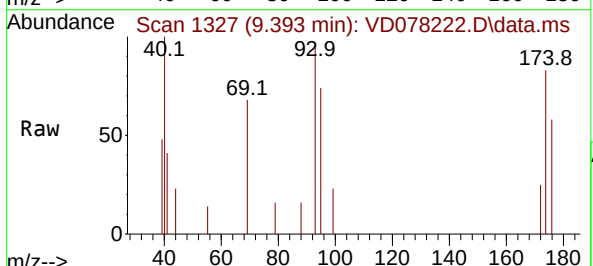
RT: 9.393 min Scan# 1327

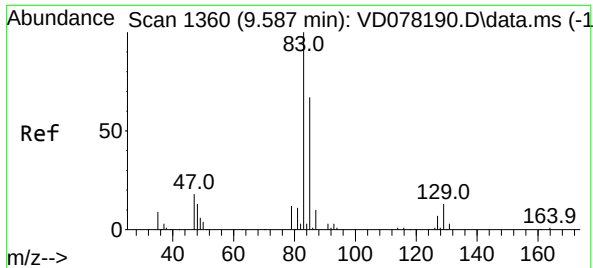
Delta R.T. -0.006 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

Tgt Ion: 93 Resp: 2060
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.7 101.5
 174 88.1 85.4 128.2





#47
Bromodichloromethane
Concen: 2.210 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024

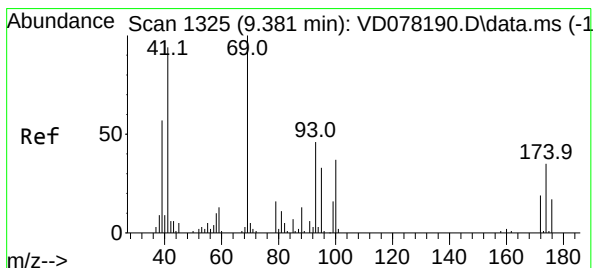
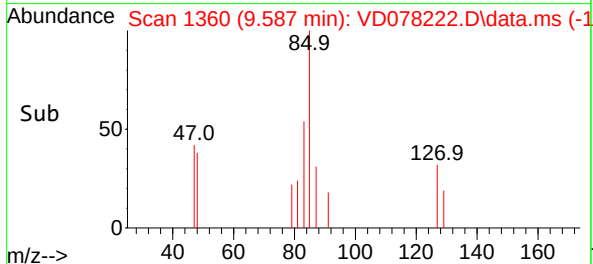
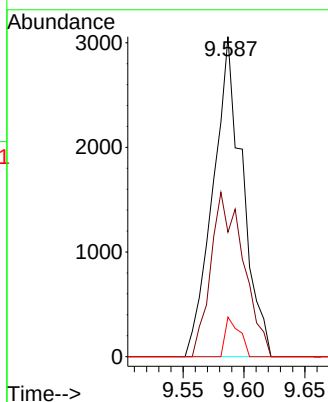
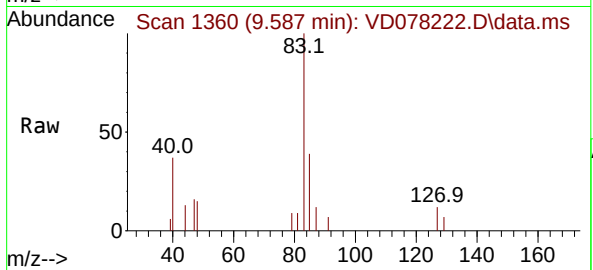
Tgt Ion: 83 Resp: 515
Ion Ratio Lower Upper
83 100
85 38.9 50.2 75.4#
127 12.4 6.3 9.5#

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

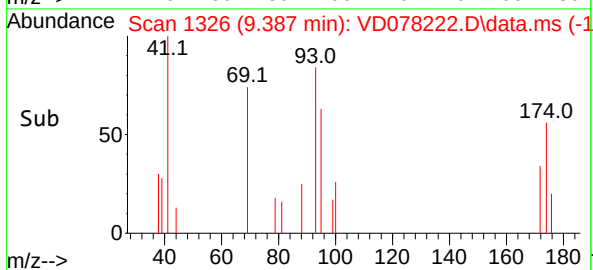
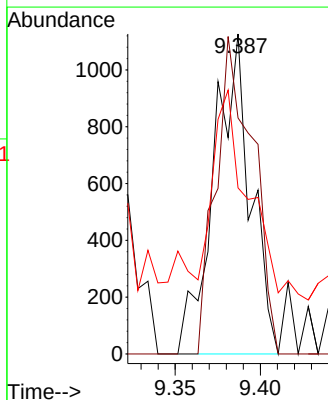
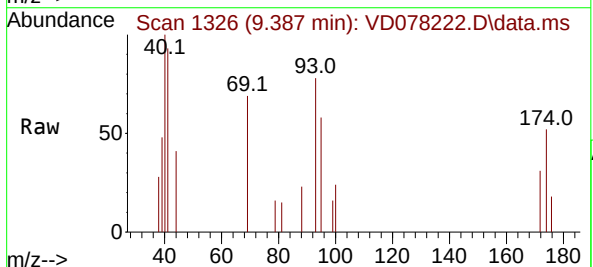
01/25/2024
Supervised By :Semsettin
Yesilyurt

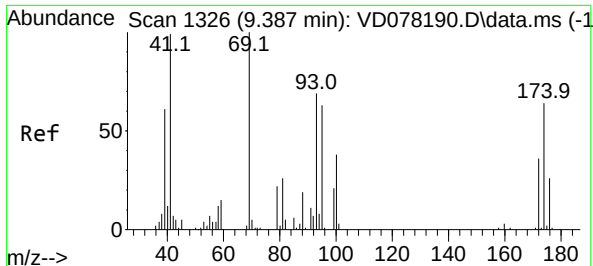
01/25/2024



#48
Methyl methacrylate
Concen: 1.797 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

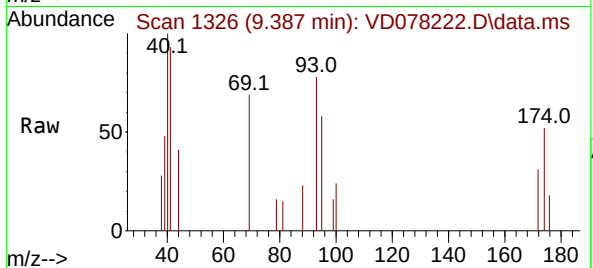
Tgt Ion: 41 Resp: 1703
Ion Ratio Lower Upper
41 100
69 99.0 102.2 153.2#
39 63.2 41.4 62.2#





#49
1,4-Dioxane
Concen: 24.047 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



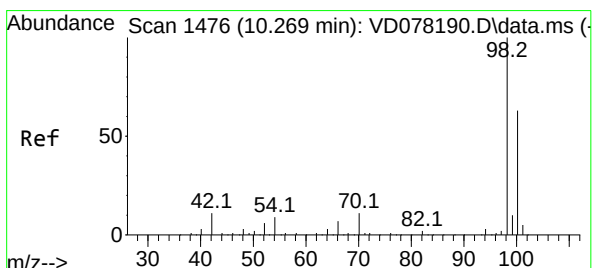
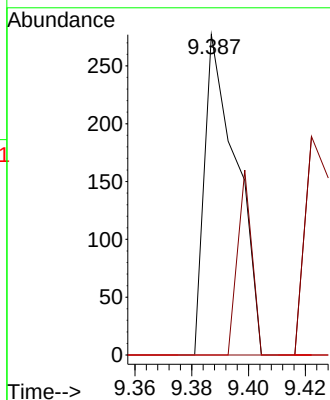
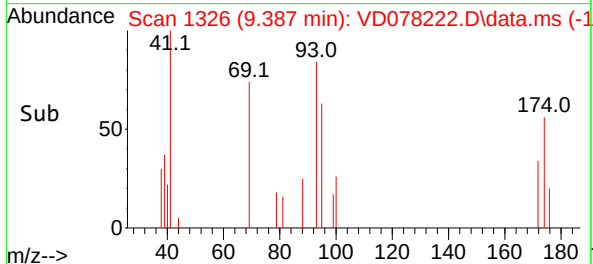
Tgt Ion: 88 Resp: 210
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6
58 0.0 43.5 65.3

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

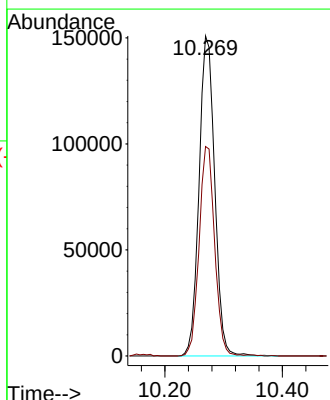
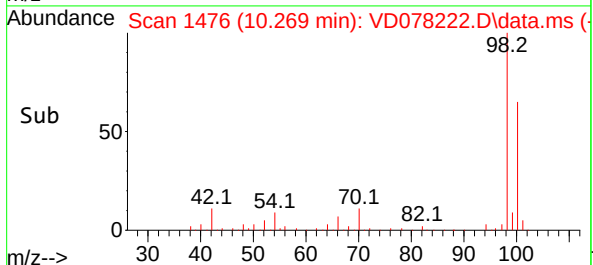
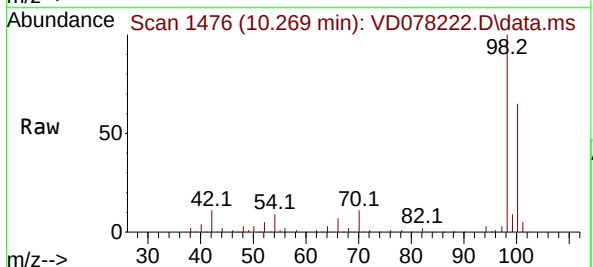
01/25/2024
Supervised By :Semsettin
Yesilyurt

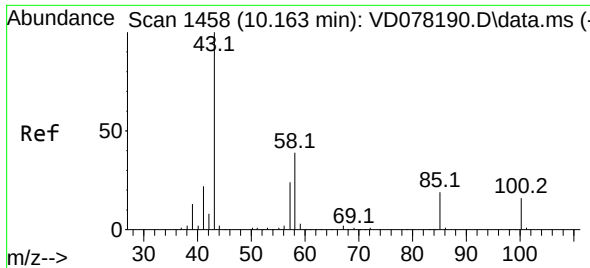
01/25/2024



#50
Toluene-d8
Concen: 48.157 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion: 98 Resp: 278352
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 9.620 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024

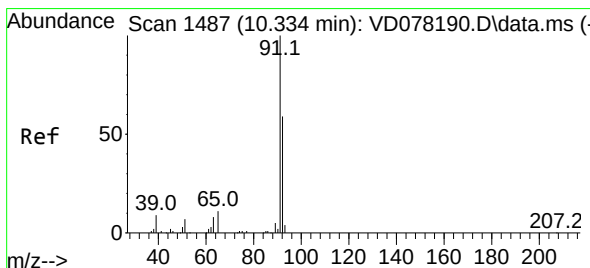
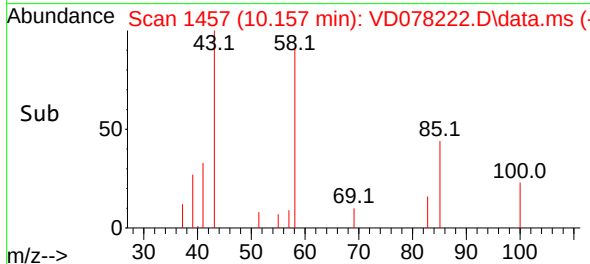
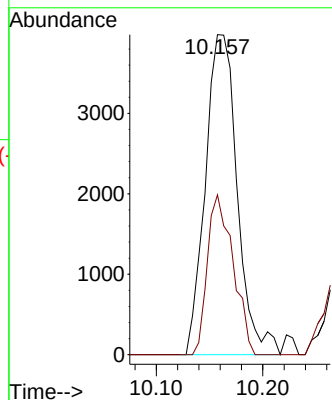
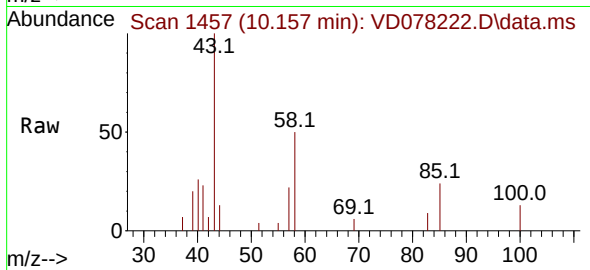
Tgt Ion: 43 Resp: 8270
Ion Ratio Lower Upper
43 100
58 40.2 38.9 58.3

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

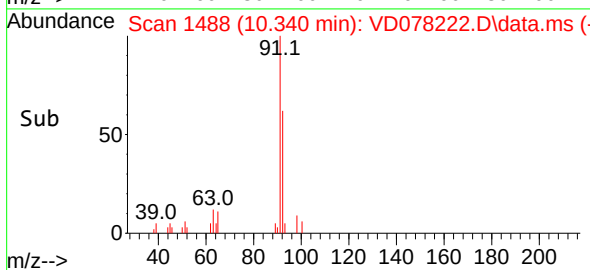
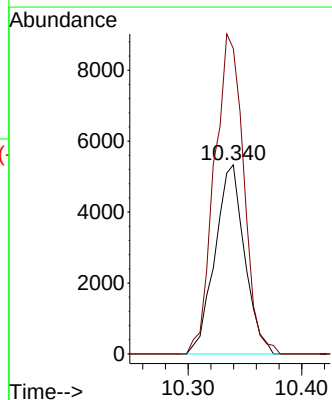
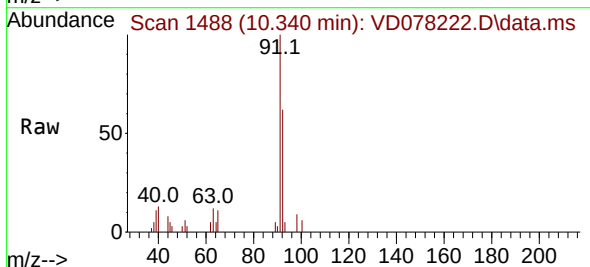
01/25/2024
Supervised By :Semsettin
Yesilyurt

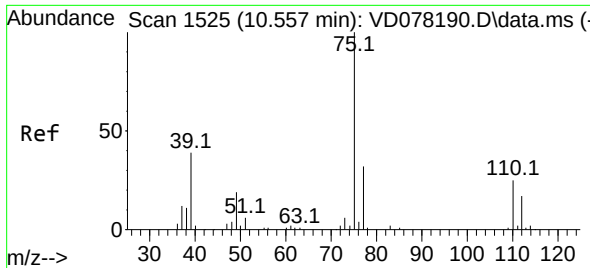
01/25/2024



#52
Toluene
Concen: 2.239 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

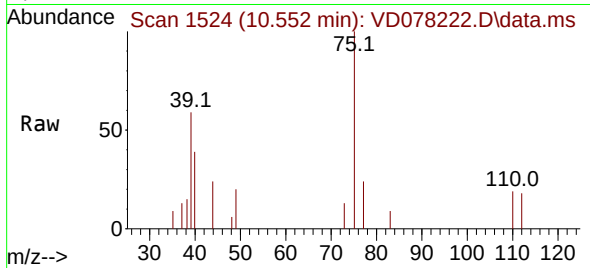
Tgt Ion: 92 Resp: 9668
Ion Ratio Lower Upper
92 100
91 167.1 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 2.064 ug/l
RT: 10.552 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



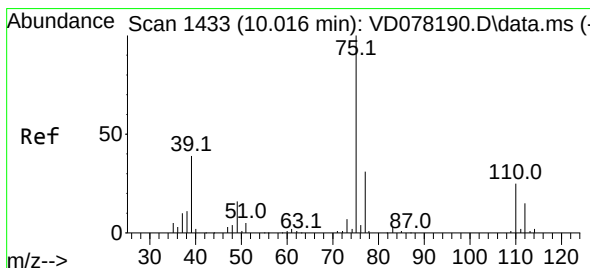
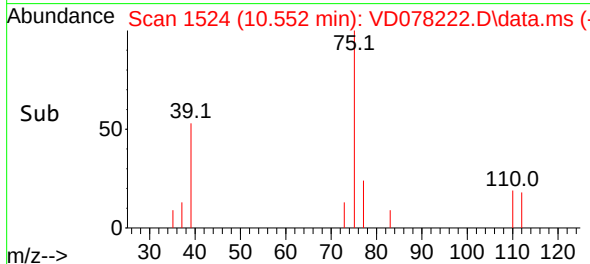
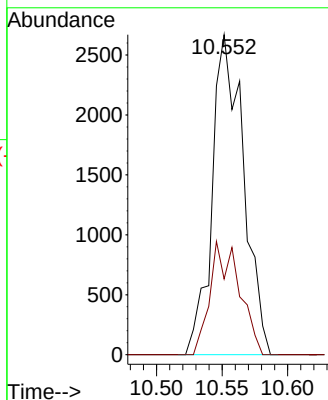
Tgt Ion: 75 Resp: 4440
Ion Ratio Lower Upper
75 100
77 23.7 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

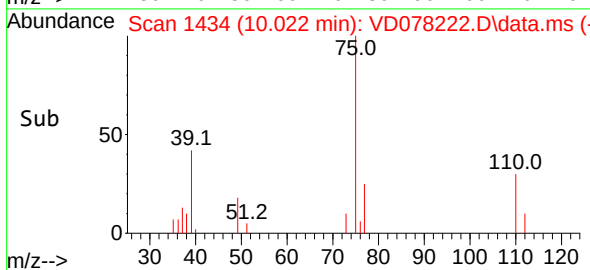
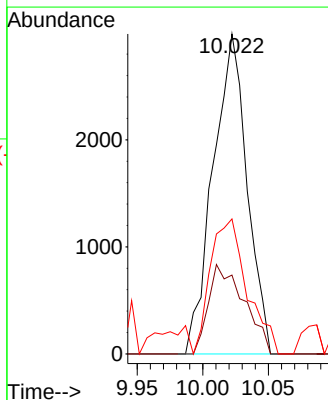
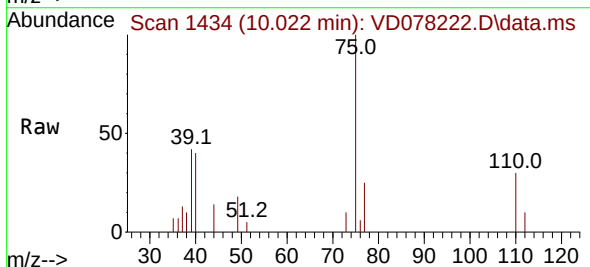
01/25/2024
Supervised By :Semsettin
Yesilyurt

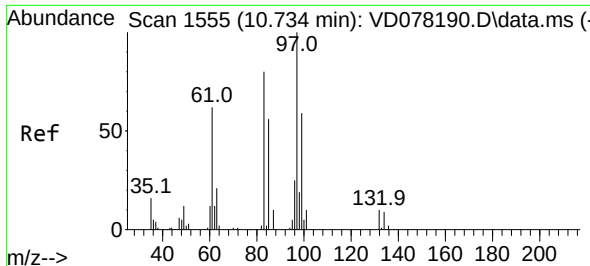
01/25/2024



#54
cis-1,3-Dichloropropene
Concen: 2.090 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

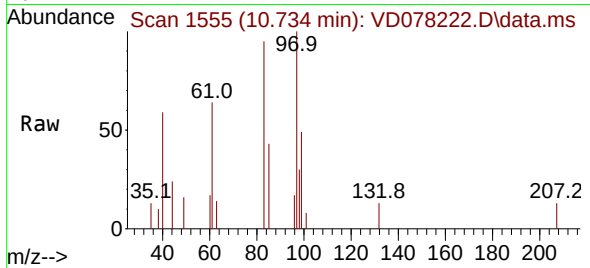
Tgt Ion: 75 Resp: 5391
Ion Ratio Lower Upper
75 100
77 24.7 25.5 38.3#
39 42.2 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 2.109 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



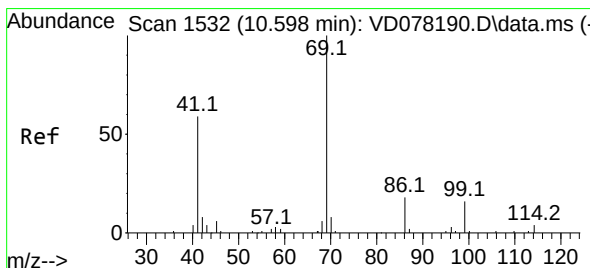
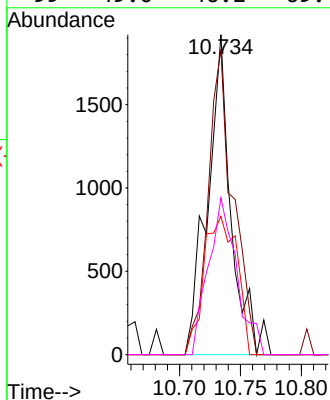
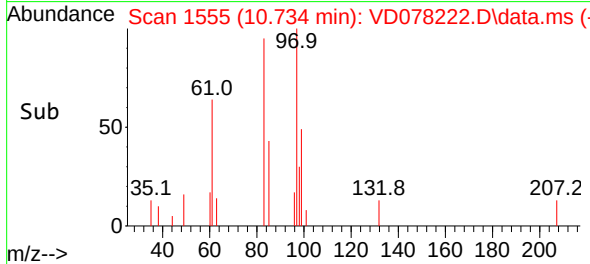
Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.4	65.8	98.6
85	43.2	45.7	68.5
99	49.0	46.2	69.4

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

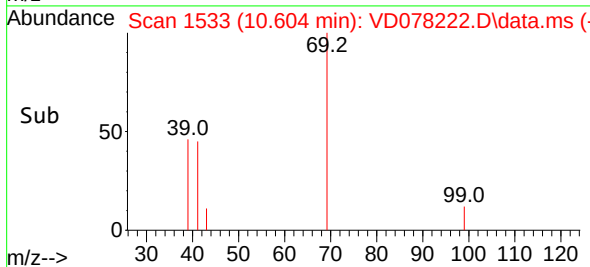
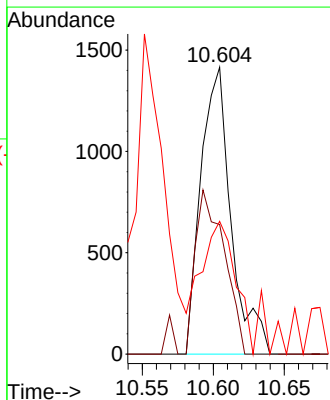
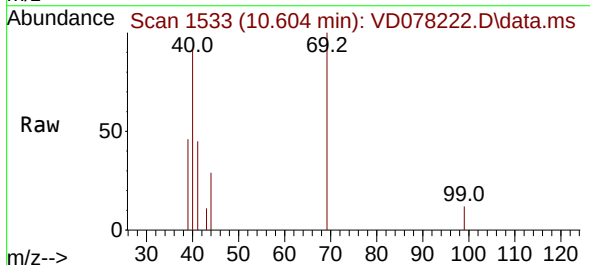
01/25/2024
Supervised By :Semsettin
Yesilyurt

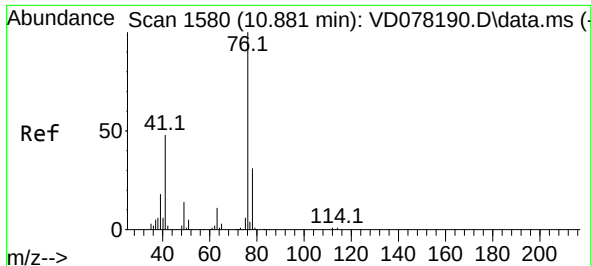
01/25/2024



#56
Ethyl methacrylate
Concen: 2.063 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.2	39.1	58.7
39	53.6	20.0	30.0





#57

1,3-Dichloropropane

Concen: 2.533 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 76 Resp: 5380
 Ion Ratio Lower Upper
 76 100
 78 25.9 26.4 39.6

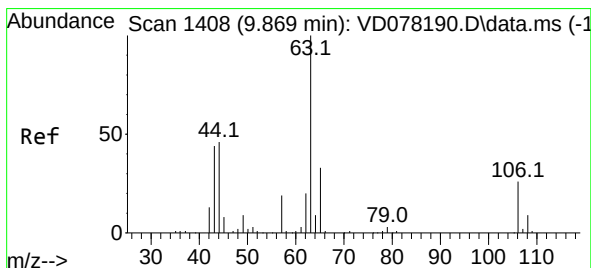
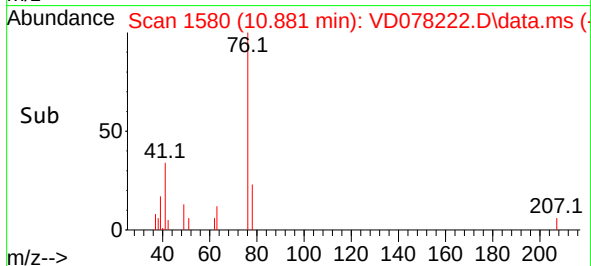
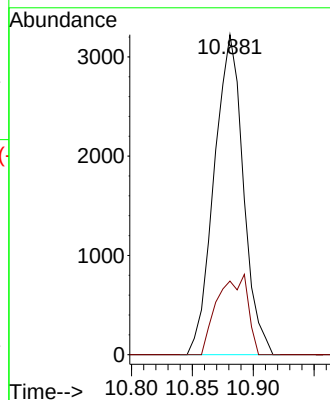
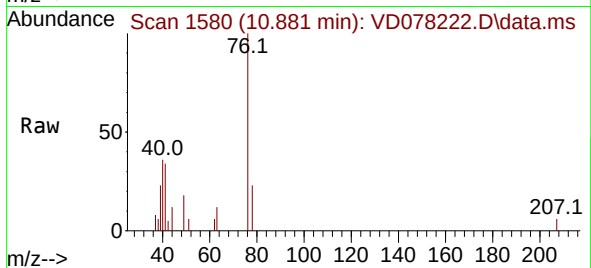
Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

01/25/2024

Supervised By :Semsettin
 Yesilyurt

01/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 9.669 ug/l

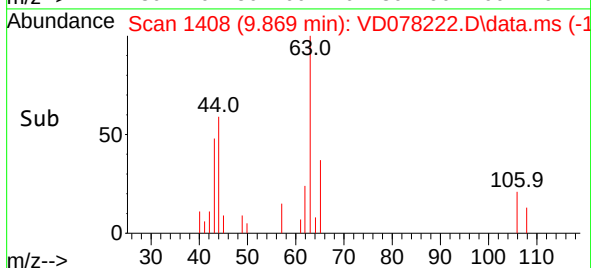
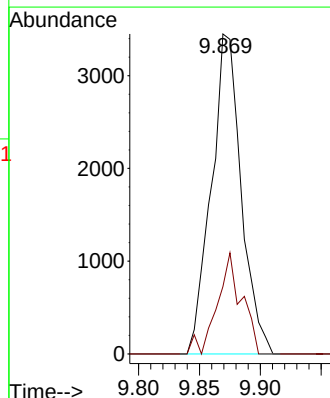
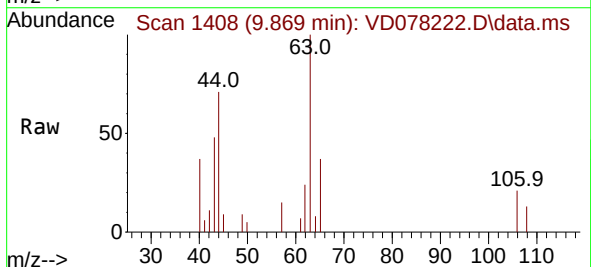
RT: 9.869 min Scan# 1408

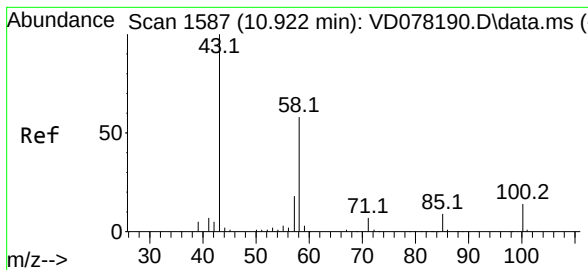
Delta R.T. 0.000 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

Tgt Ion: 63 Resp: 5892
 Ion Ratio Lower Upper
 63 100
 106 25.8 25.3 37.9





#59
2-Hexanone
Concen: 8.987 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024

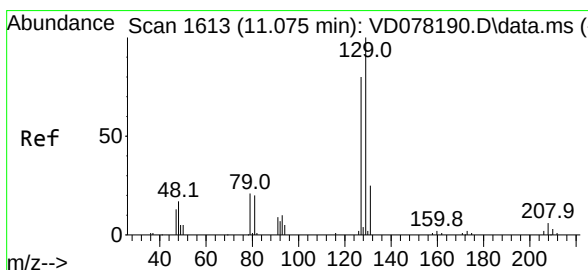
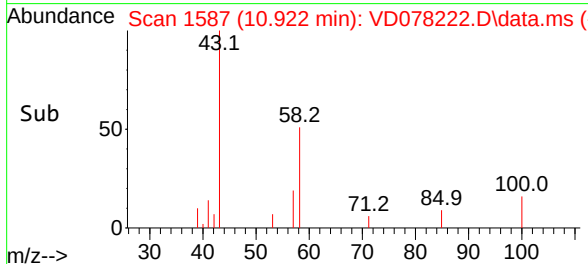
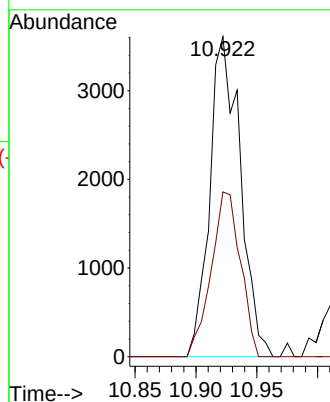
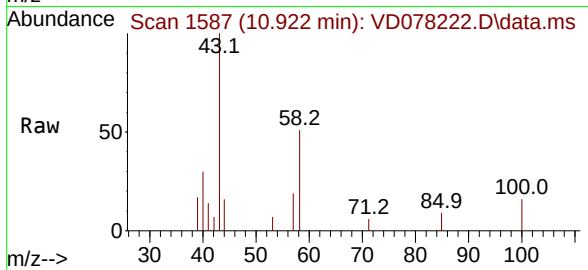
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 49.4 34.1 102.2

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

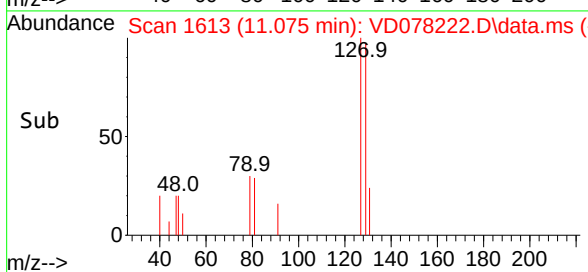
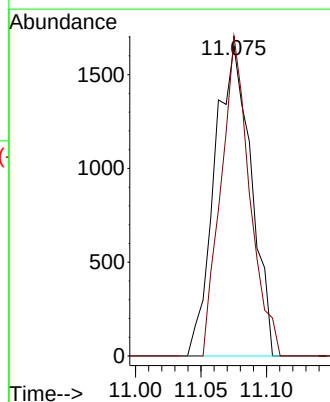
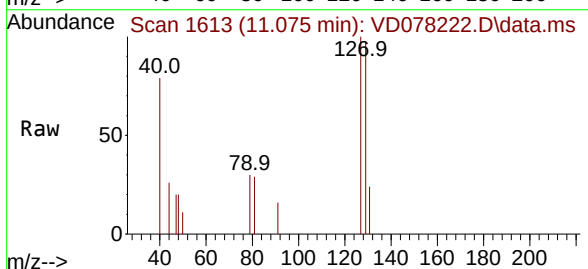
01/25/2024
Supervised By :Semsettin
Yesilyurt

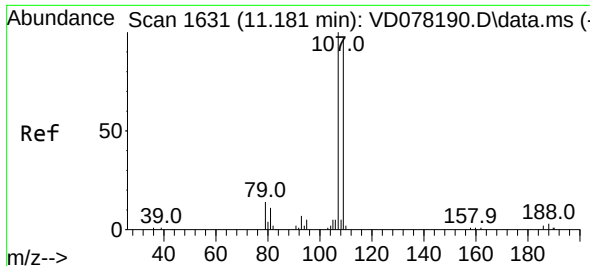
01/25/2024



#60
Dibromochloromethane
Concen: 2.191 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion:129 Resp: 3208
Ion Ratio Lower Upper
129 100
127 80.8 37.1 111.5





#61
1,2-Dibromoethane
Concen: 2.287 ug/l
RT: 11.187 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

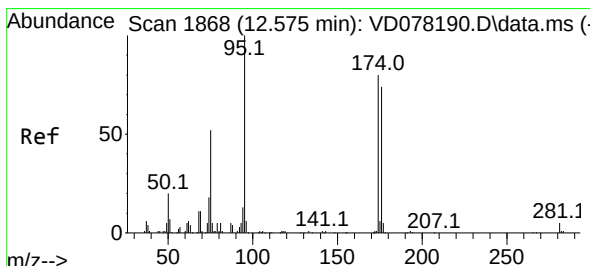
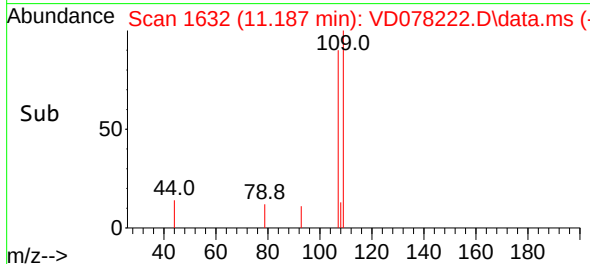
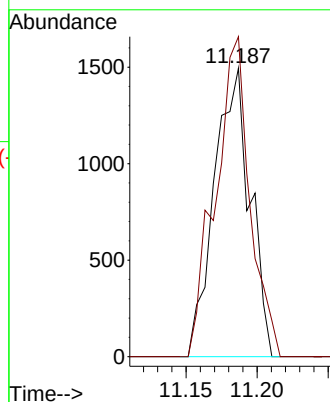
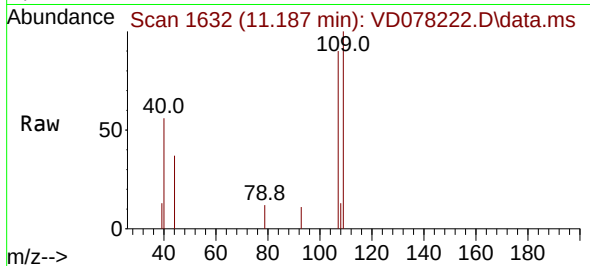
Tgt Ion:107 Resp: 2619
Ion Ratio Lower Upper
107 100
109 106.7 75.6 113.4

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

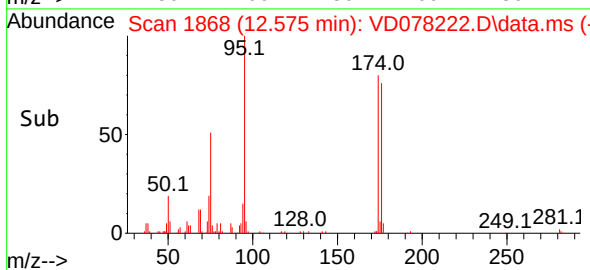
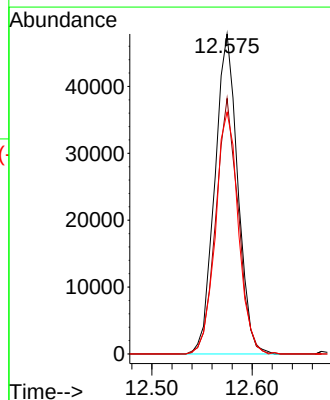
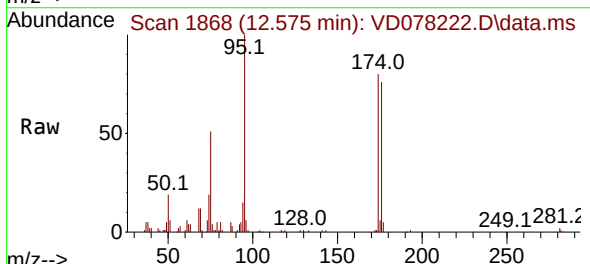
01/25/2024
Supervised By :Semsettin
Yesilyurt

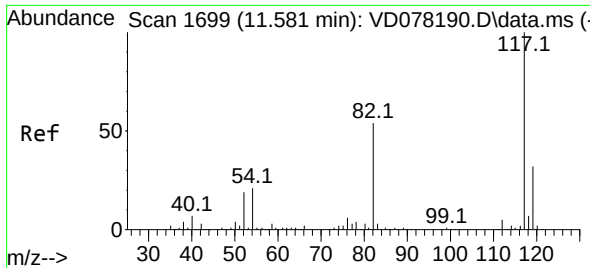
01/25/2024



#62
4-Bromofluorobenzene
Concen: 45.307 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

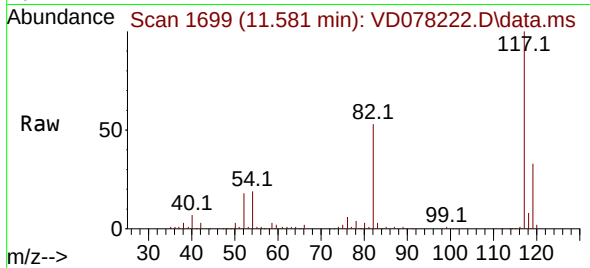
Tgt Ion: 95 Resp: 75945
Ion Ratio Lower Upper
95 100
174 78.1 0.0 201.8
176 75.4 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



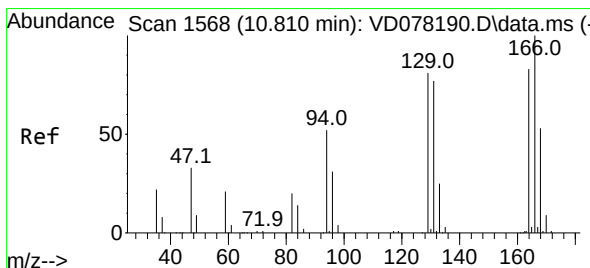
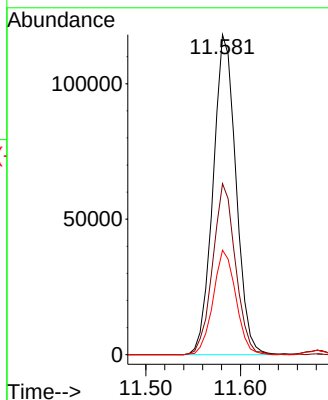
Tgt Ion:117 Resp: 19857
Ion Ratio Lower Upper
117 100
82 53.4 38.3 57.5
119 32.6 25.0 37.4

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

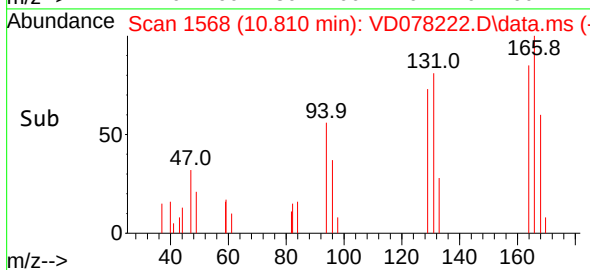
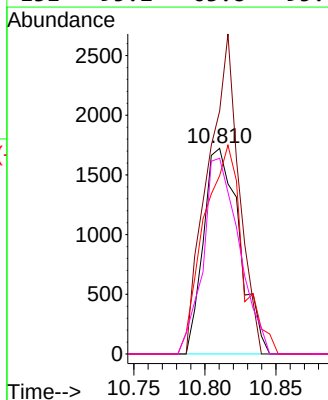
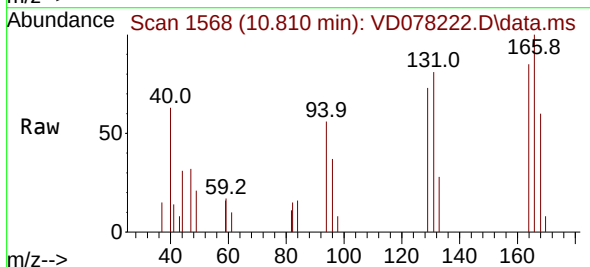
01/25/2024
Supervised By :Semsettin
Yesilyurt

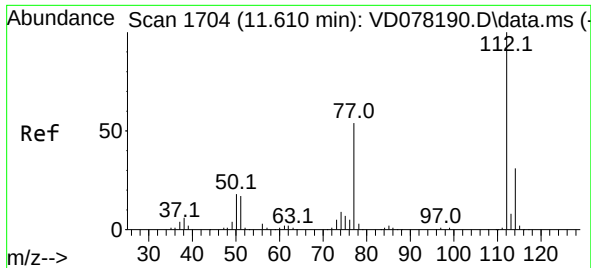
01/25/2024



#64
Tetrachloroethene
Concen: 2.329 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

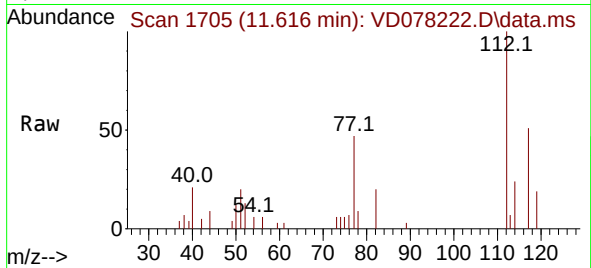
Tgt Ion:164 Resp: 3024
Ion Ratio Lower Upper
164 100
166 118.1 99.2 148.8
129 86.7 68.4 102.6
131 95.2 63.8 95.8





#65
Chlorobenzene
Concen: 2.255 ug/l
RT: 11.616 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



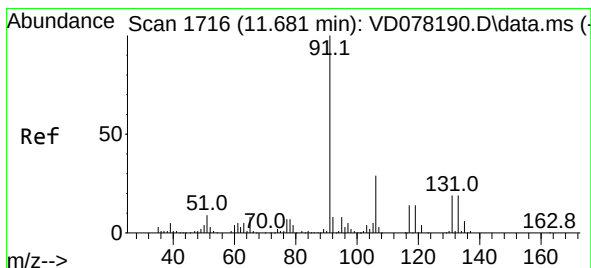
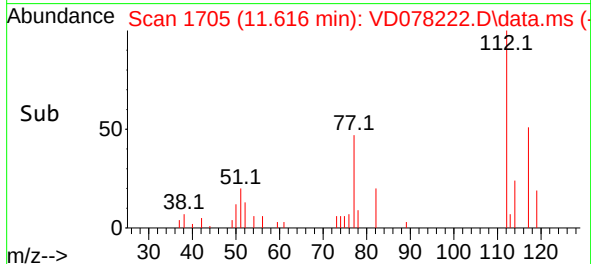
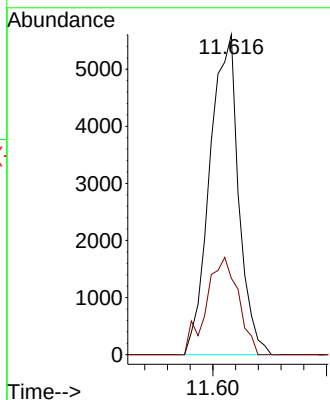
Tgt Ion:112 Resp: 989
Ion Ratio Lower Upper
112 100
114 23.9 25.1 37.7

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

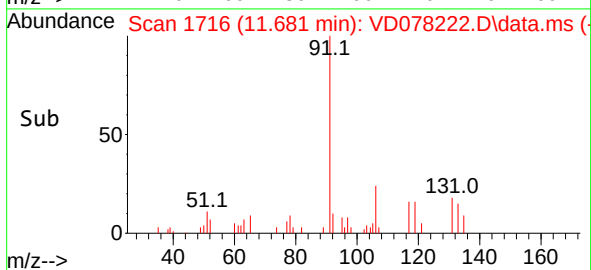
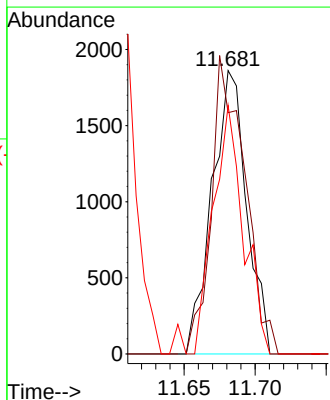
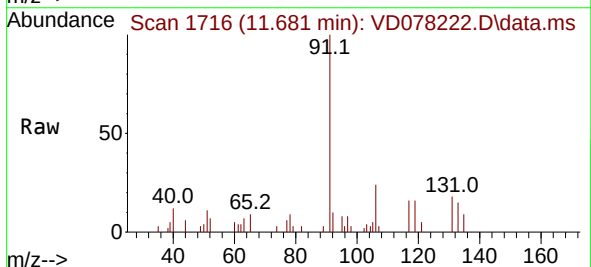
01/25/2024
Supervised By :Semsettin
Yesilyurt

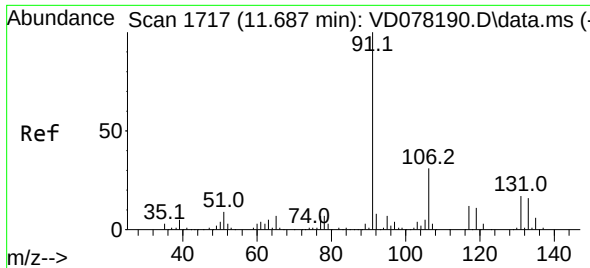
01/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 2.009 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

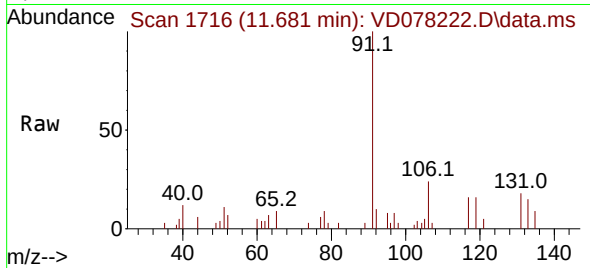
Tgt Ion:131 Resp: 3149
Ion Ratio Lower Upper
131 100
133 101.4 48.5 145.5
119 77.3 35.6 106.9





#67
Ethyl Benzene
Concen: 2.147 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



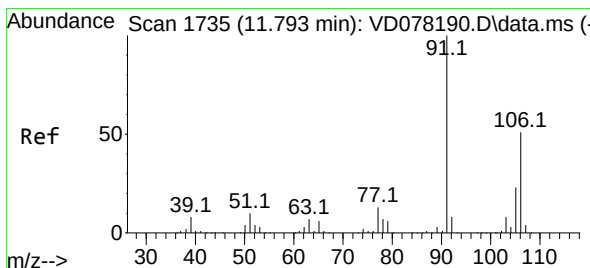
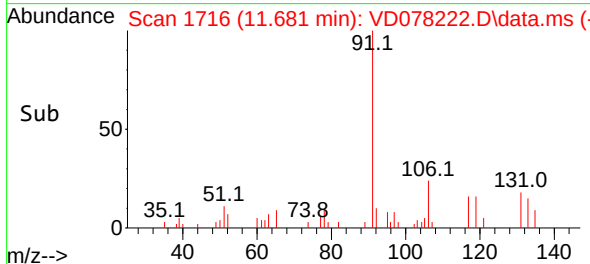
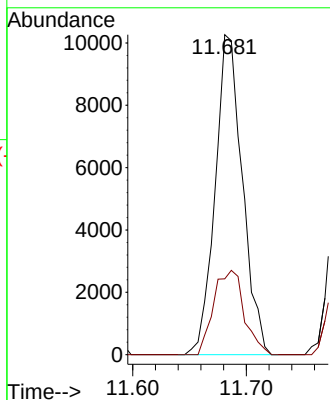
Tgt Ion: 91 Resp: 17138
Ion Ratio Lower Upper
91 100
106 23.7 26.5 39.7

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

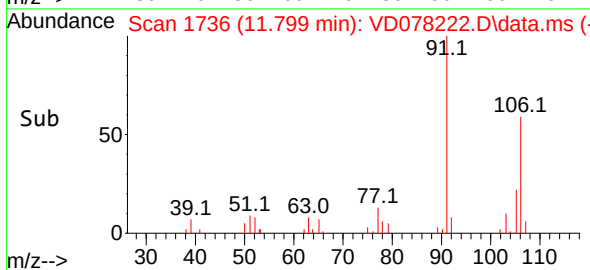
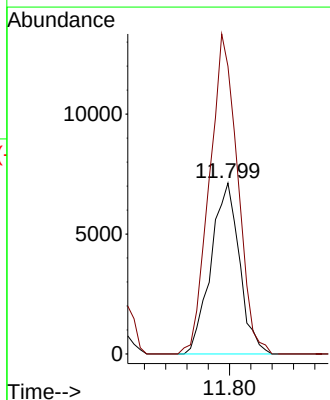
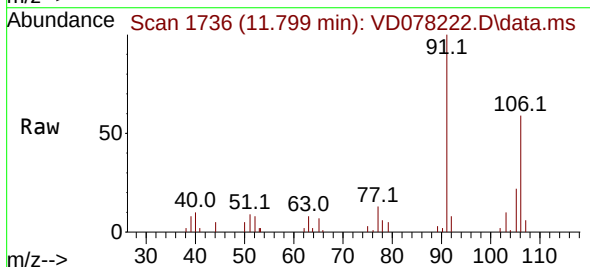
01/25/2024
Supervised By :Semsettin
Yesilyurt

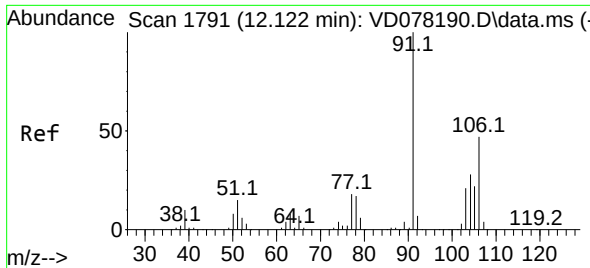
01/25/2024



#68
m/p-Xylenes
Concen: 4.346 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion:106 Resp: 13250
Ion Ratio Lower Upper
106 100
91 184.9 147.0 220.6





#69
o-Xylene
Concen: 1.992 ug/l
RT: 12.116 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

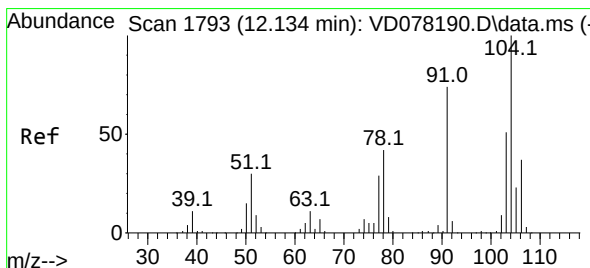
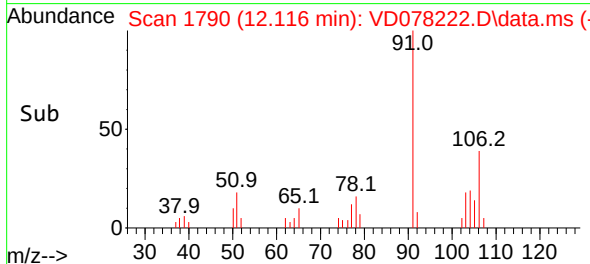
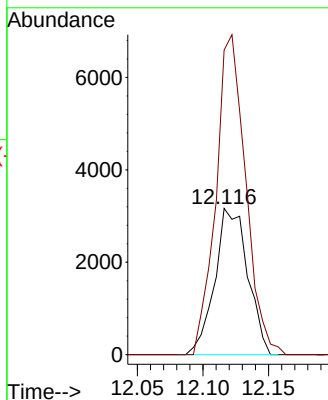
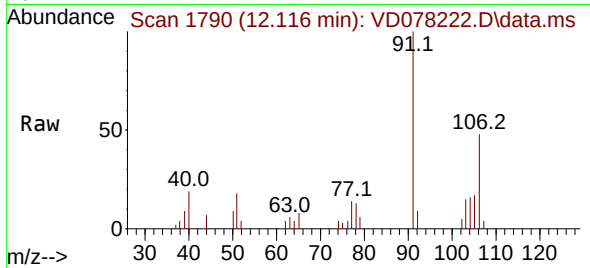
Tgt Ion:106 Resp: 5512
Ion Ratio Lower Upper
106 100
91 198.0 97.9 293.6

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

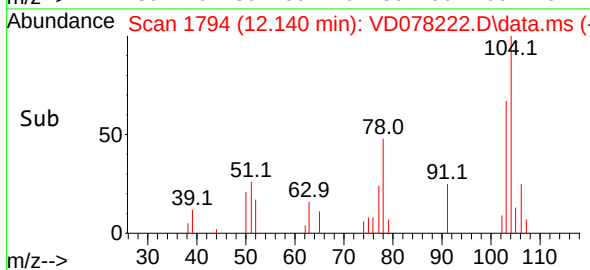
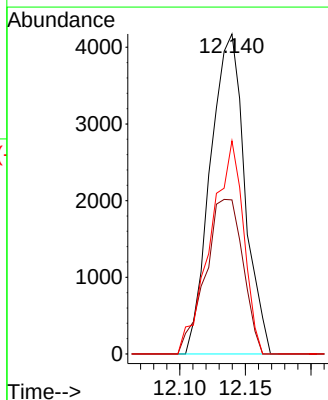
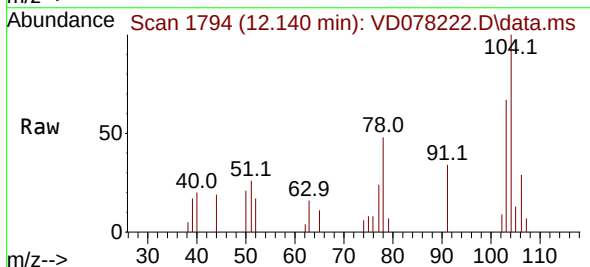
01/25/2024
Supervised By :Semsettin
Yesilyurt

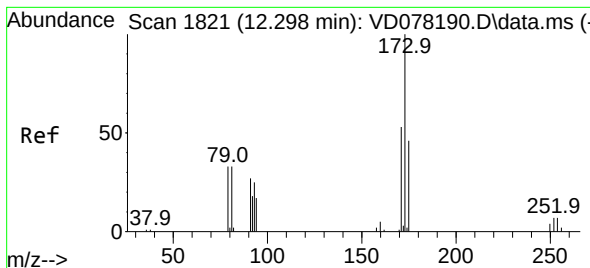
01/25/2024



#70
Styrene
Concen: 1.833 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion:104 Resp: 7600
Ion Ratio Lower Upper
104 100
78 52.5 33.2 49.8#
103 63.7 43.6 65.4





#71

Bromoform

Concen: 1.887 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD078222.D

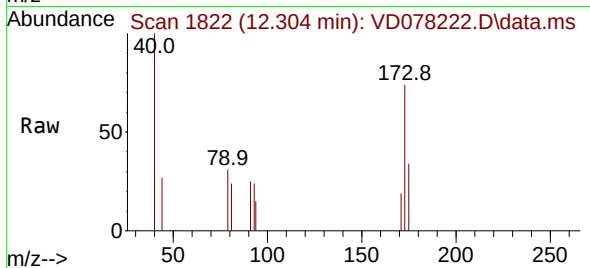
Acq: 24 Jan 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024



Tgt Ion:	173	Resp:	146
Ion Ratio	Lower	Upper	
173	100		
175	69.1	24.6	73.8
254	0.0	0.0	0.0

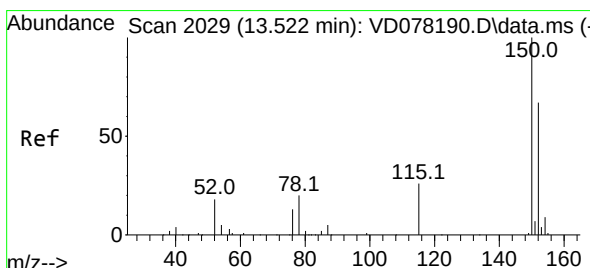
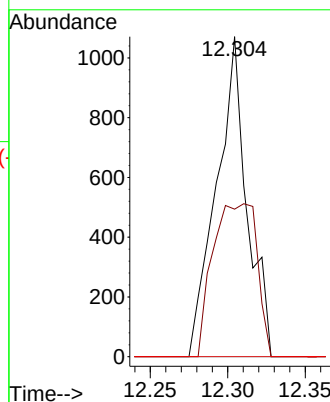
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

01/25/2024

Supervised By :Semsettin
Yesilyurt

01/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

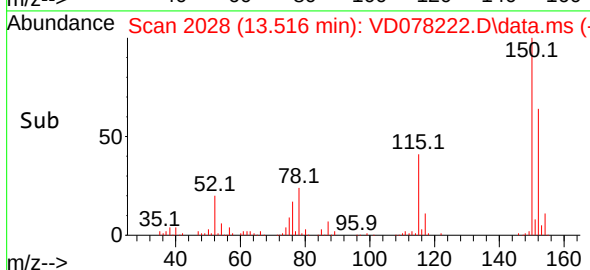
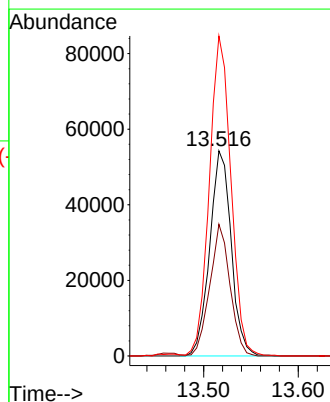
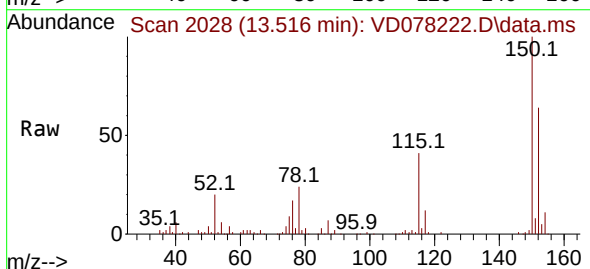
RT: 13.516 min Scan# 2028

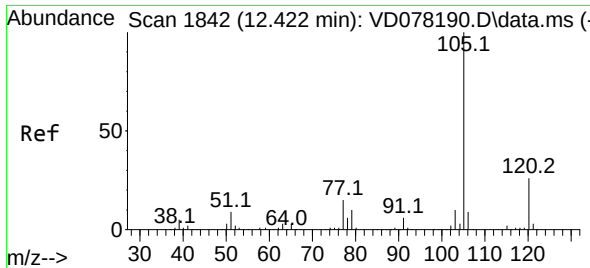
Delta R.T. -0.006 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

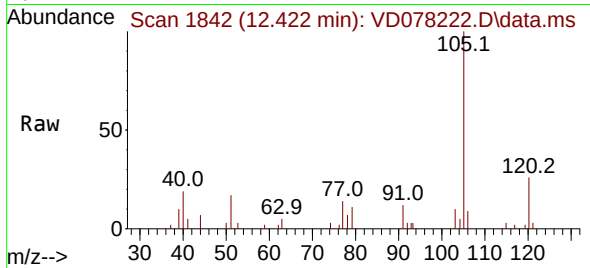
Tgt Ion:	152	Resp:	85668
Ion Ratio	Lower	Upper	
152	100		
115	60.5	27.1	81.3
150	156.7	0.0	353.6





#73
Isopropylbenzene
Concen: 2.145 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



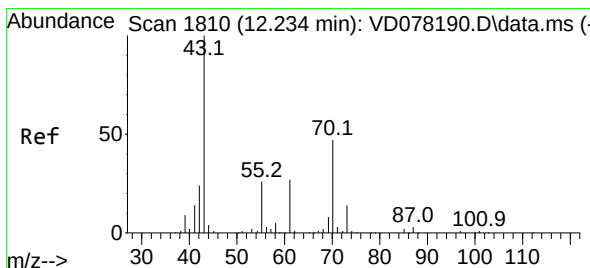
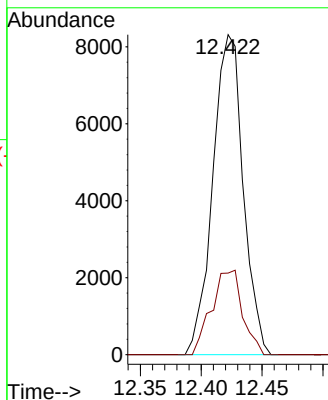
Tgt Ion:105 Resp: 1444
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

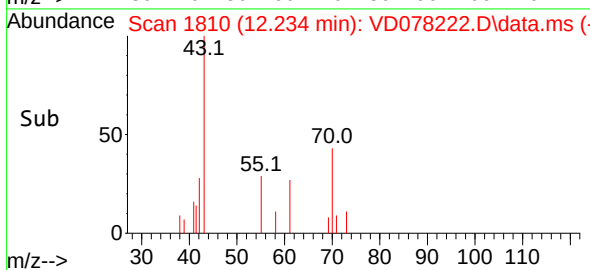
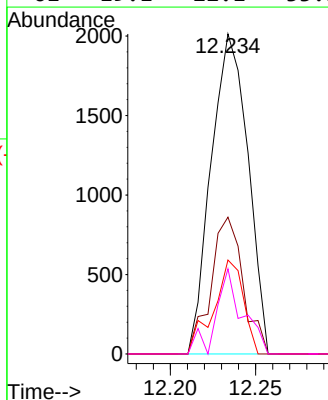
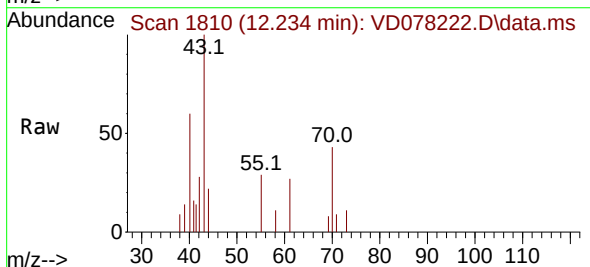
01/25/2024
Supervised By :Semsettin
Yesilyurt

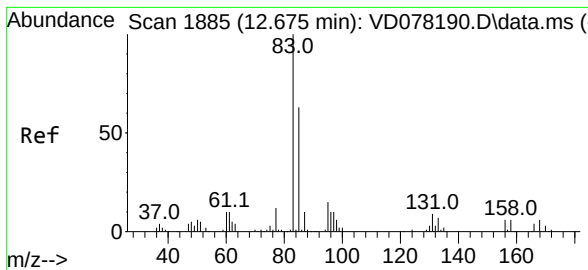
01/25/2024



#74
N-ethyl acetate
Concen: 2.347 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

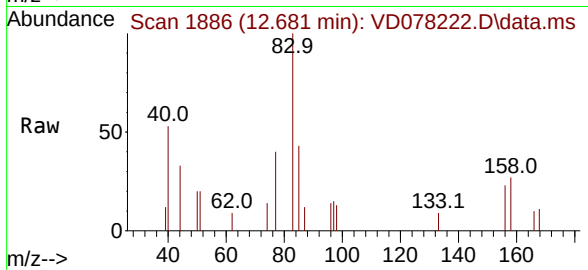
Tgt Ion: 43 Resp: 3024
Ion Ratio Lower Upper
43 100
70 37.3 45.0 67.4#
55 23.7 23.8 35.6#
61 19.1 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 2.601 ug/l
RT: 12.681 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



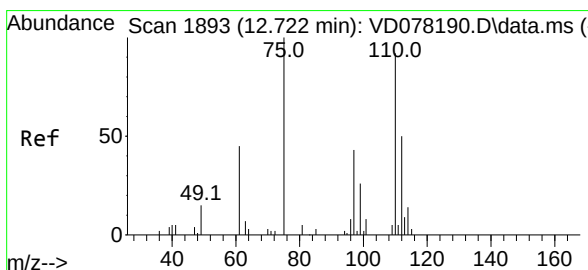
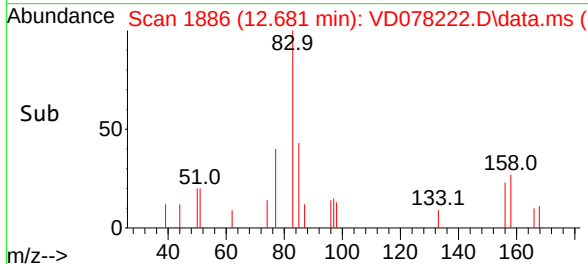
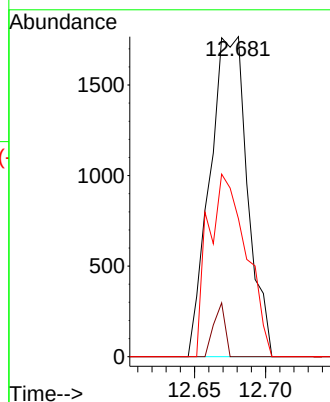
Tgt Ion: 83 Resp: 3260
Ion Ratio Lower Upper
83 100
131 5.1 5.1 15.3
85 57.7 32.6 97.8

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

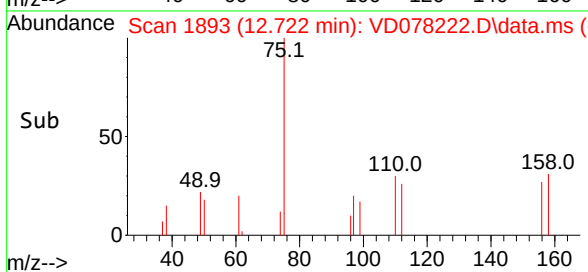
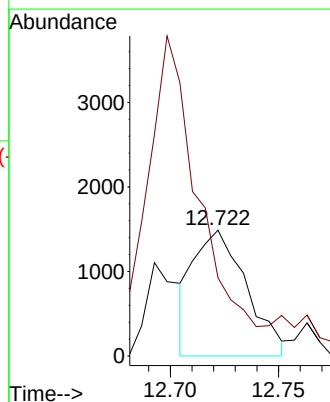
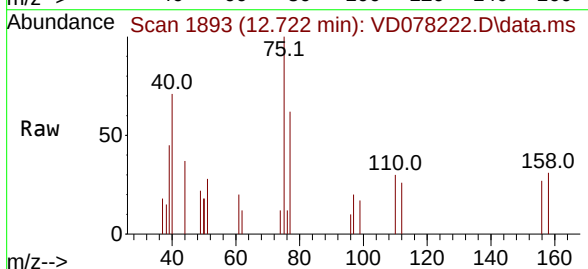
01/25/2024
Supervised By :Semsettin
Yesilyurt

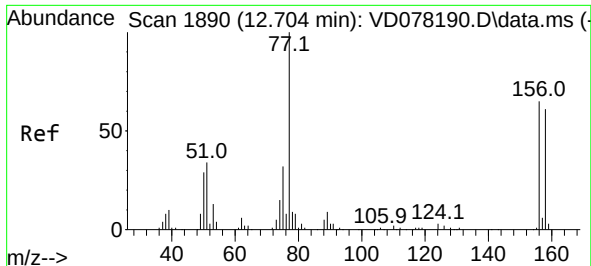
01/25/2024



#76
1,2,3-Trichloropropane
Concen: 3.074 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

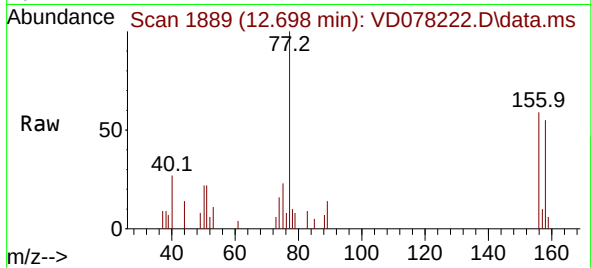
Tgt Ion: 75 Resp: 2526
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 2.455 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



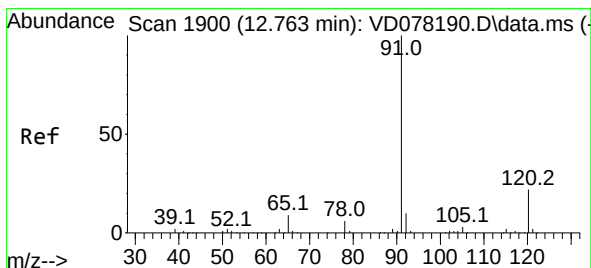
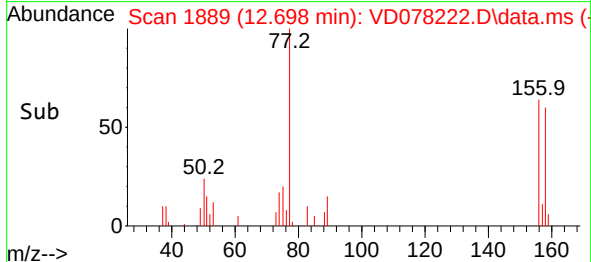
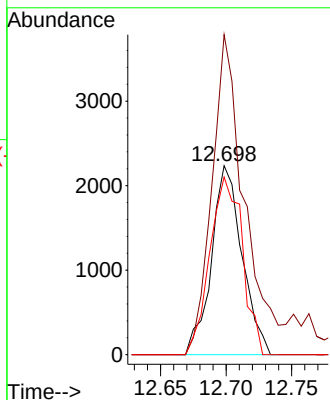
Tgt Ion:156 Resp: 3629
Ion Ratio Lower Upper
156 100
77 181.8 76.8 230.4
158 100.0 48.6 145.9

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

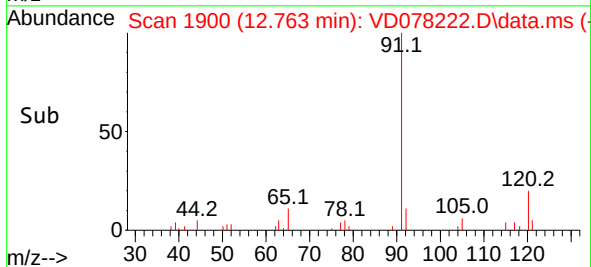
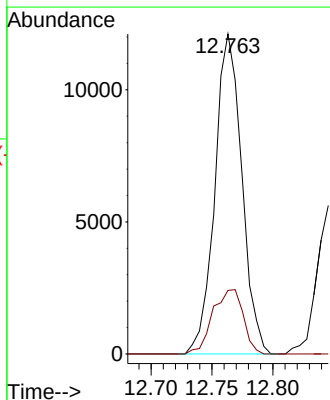
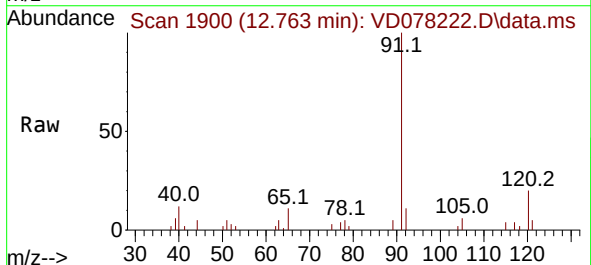
01/25/2024
Supervised By :Semsettin
Yesilyurt

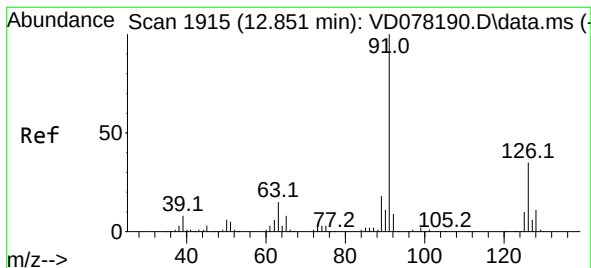
01/25/2024



#78
n-propylbenzene
Concen: 2.232 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion: 91 Resp: 18645
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2





#79
2-Chlorotoluene
Concen: 2.389 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024

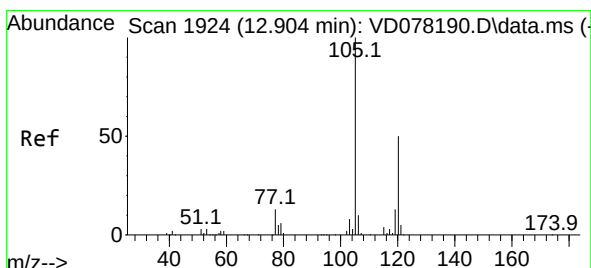
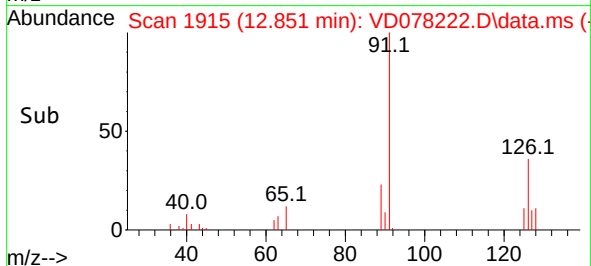
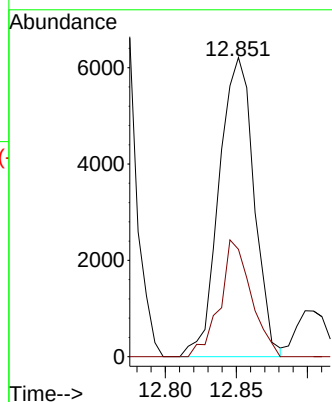
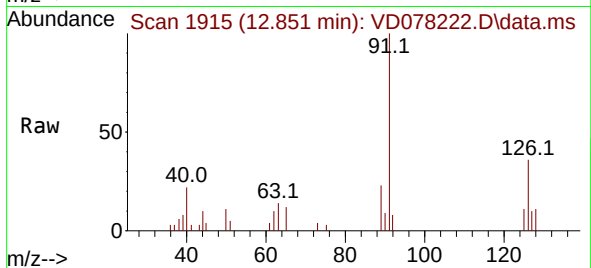
Tgt Ion: 91 Resp: 10649
Ion Ratio Lower Upper
91 100
126 34.7 19.4 58.1

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

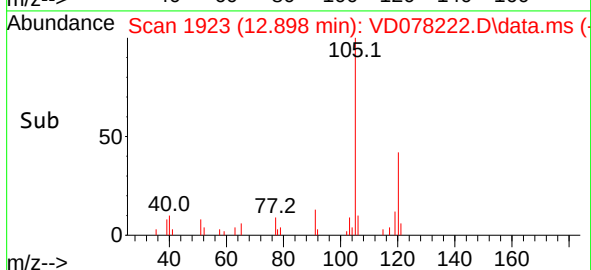
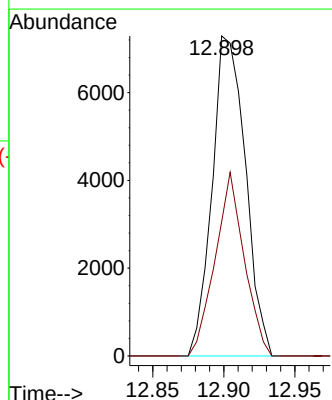
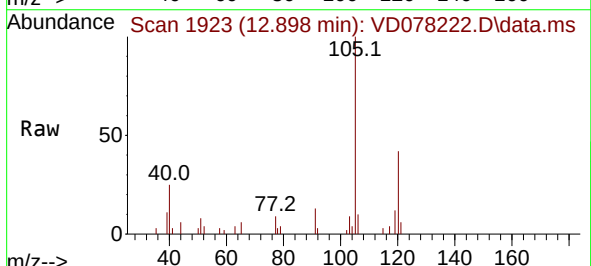
01/25/2024
Supervised By :Semsettin
Yesilyurt

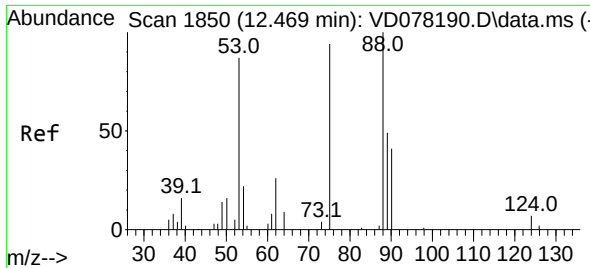
01/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.125 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

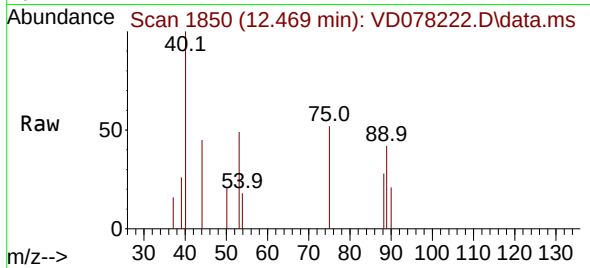
Tgt Ion:105 Resp: 11869
Ion Ratio Lower Upper
105 100
120 50.2 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 1.767 ug/l m
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



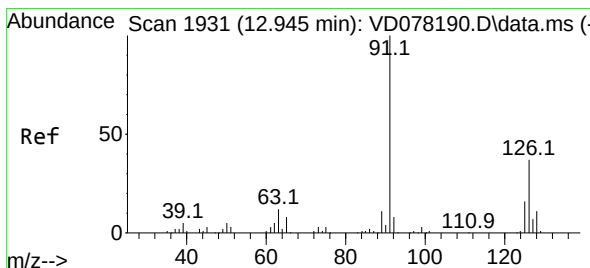
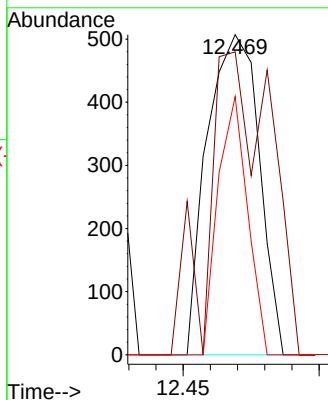
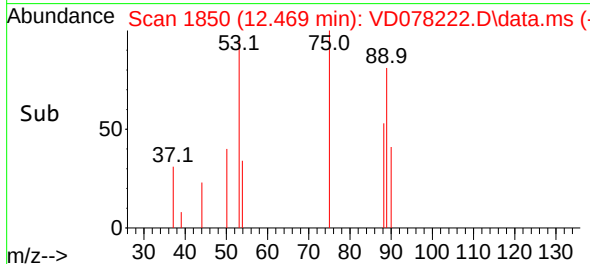
Tgt Ion: 75 Resp: 674
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4
89 0.0 37.9 56.9

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

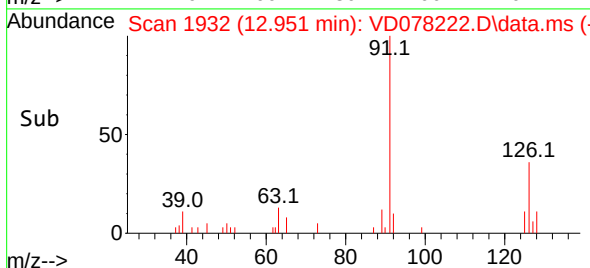
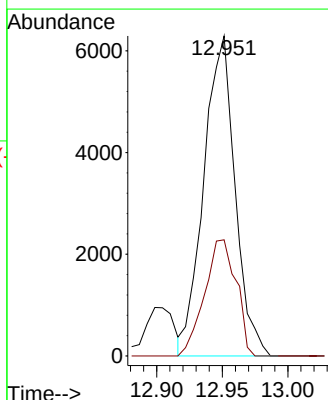
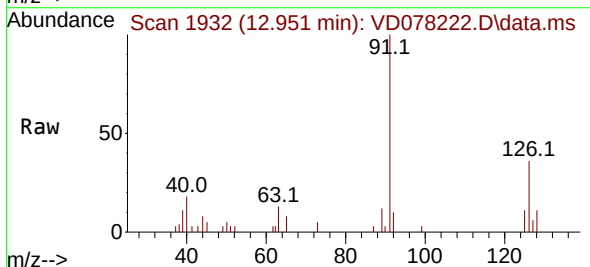
01/25/2024
Supervised By :Semsettin
Yesilyurt

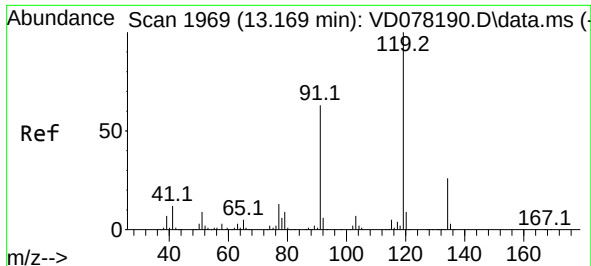
01/25/2024



#82
4-Chlorotoluene
Concen: 2.219 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Tgt Ion: 91 Resp: 10429
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.4





#83
tert-Butylbenzene
Concen: 2.174 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024

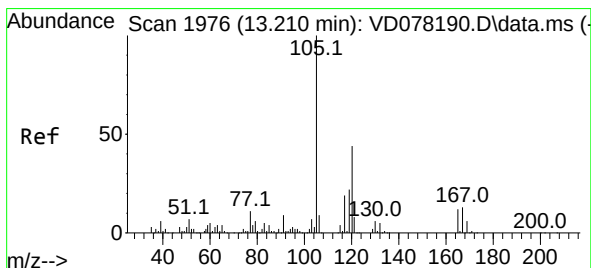
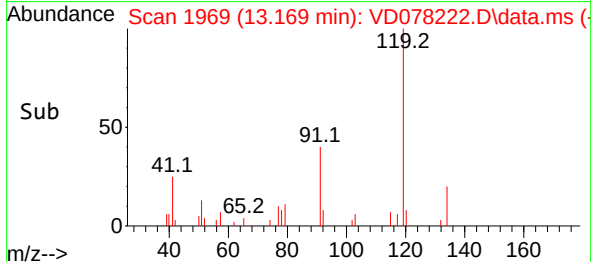
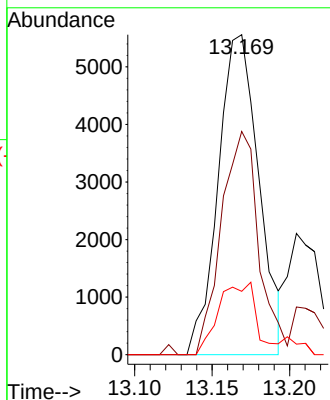
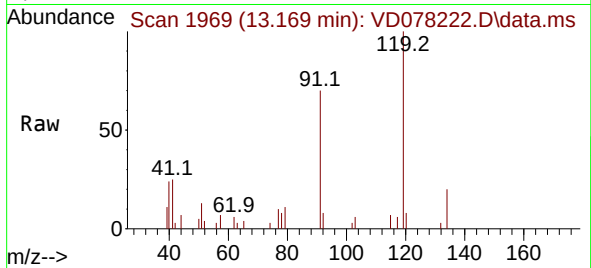
Tgt Ion:119 Resp: 1015
Ion Ratio Lower Upper
119 100
91 64.0 29.3 87.8
134 21.1 14.1 42.3

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

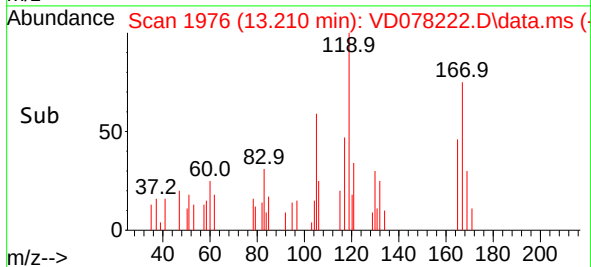
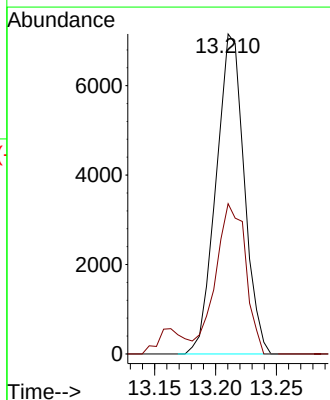
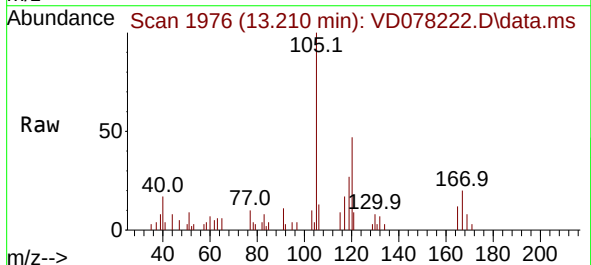
01/25/2024
Supervised By :Semsettin
Yesilyurt

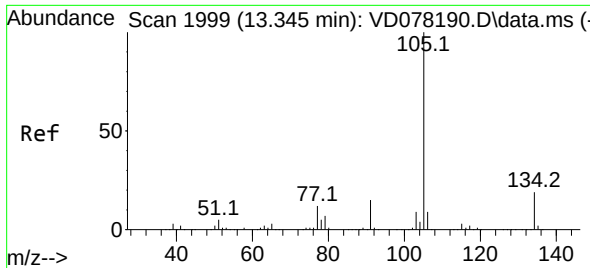
01/25/2024



#84
1,2,4-Trimethylbenzene
Concen: 2.038 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

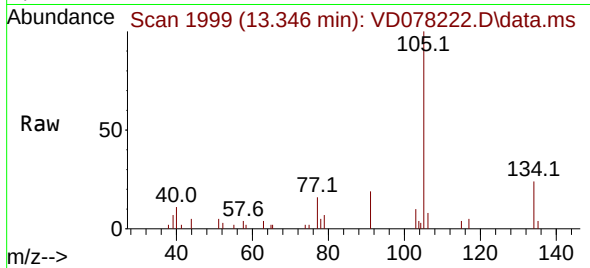
Tgt Ion:105 Resp: 11511
Ion Ratio Lower Upper
105 100
120 50.0 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 2.162 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078222.D
 Acq: 24 Jan 2024 14:53

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2024



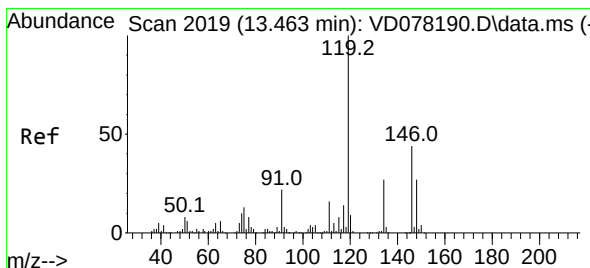
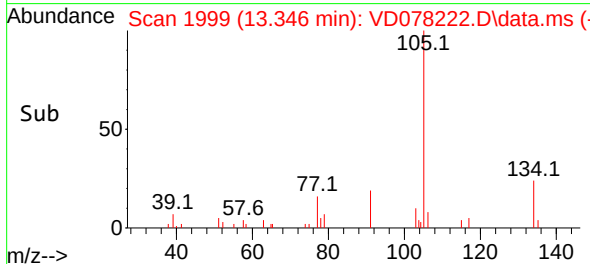
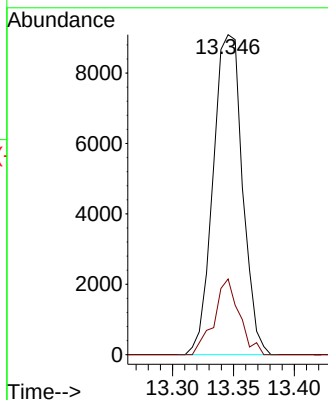
Tgt Ion:105 Resp: 1528
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

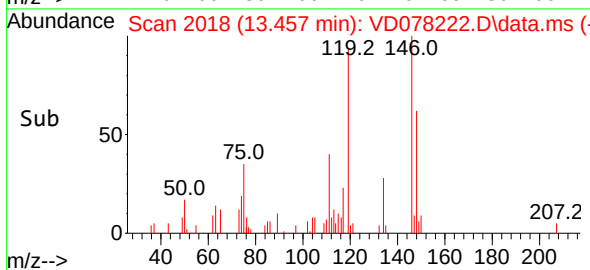
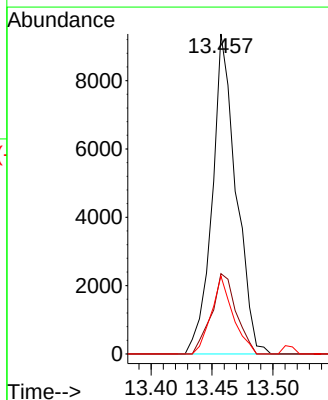
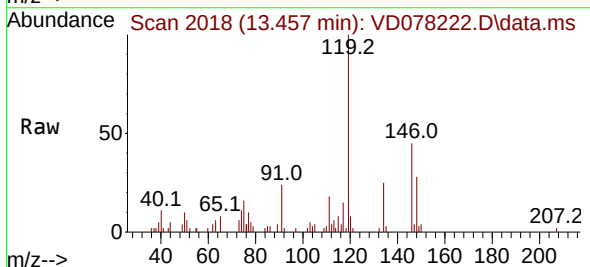
01/25/2024
 Supervised By :Semsettin
 Yesilyurt

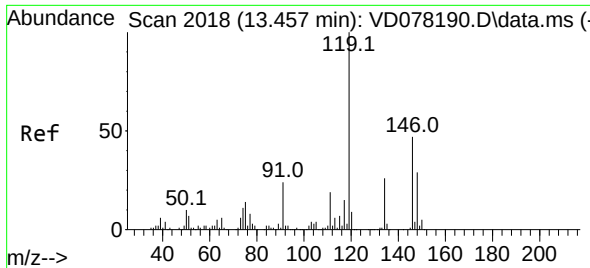
01/25/2024



#86
 p-Isopropyltoluene
 Concen: 2.086 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078222.D
 Acq: 24 Jan 2024 14:53

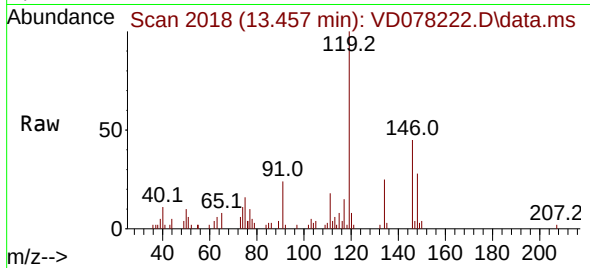
Tgt Ion:119 Resp: 12835
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 22.1 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 2.196 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



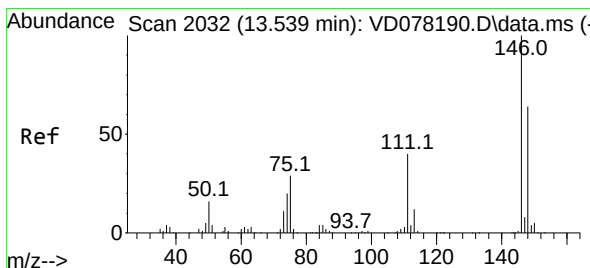
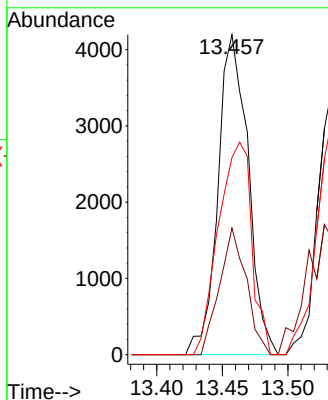
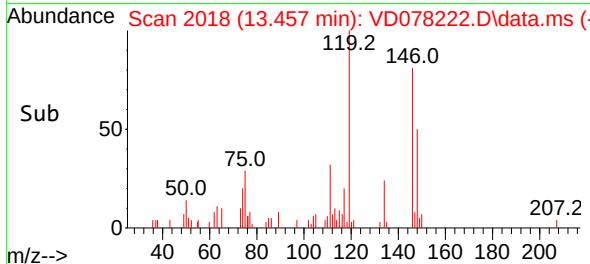
Tgt Ion:146 Resp: 6714
Ion Ratio Lower Upper
146 100
111 35.2 17.9 53.8
148 73.3 32.3 96.8

Manual Integrations
APPROVED

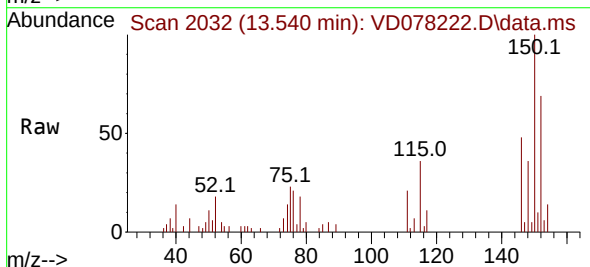
Reviewed By :Mahesh
Dadoda

01/25/2024
Supervised By :Semsettin
Yesilyurt

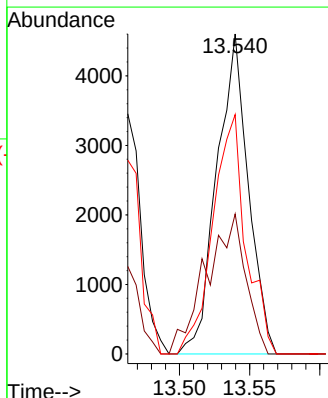
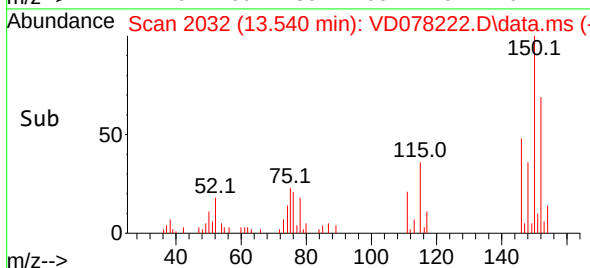
01/25/2024

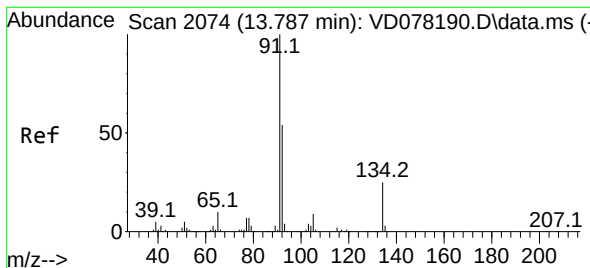


#88
1,4-Dichlorobenzene
Concen: 2.382 ug/l m
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53



Tgt Ion:146 Resp: 7197
Ion Ratio Lower Upper
146 100
111 32.8 17.4 52.3
148 68.3 31.7 95.1





#89

n-Butylbenzene

Concen: 2.214 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 91	Resp: 1325
Ion Ratio	Lower Upper
91 100	
92 50.7	26.5 79.5
134 22.3	13.8 41.3

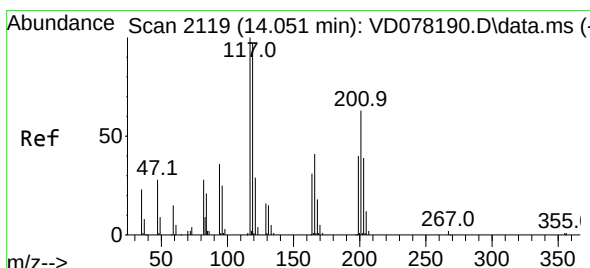
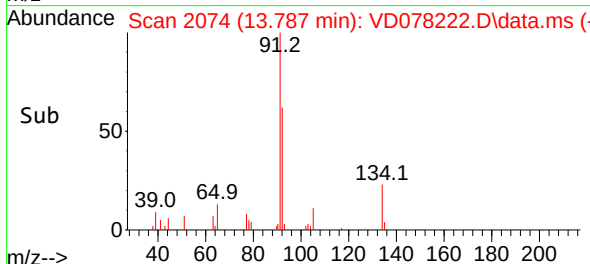
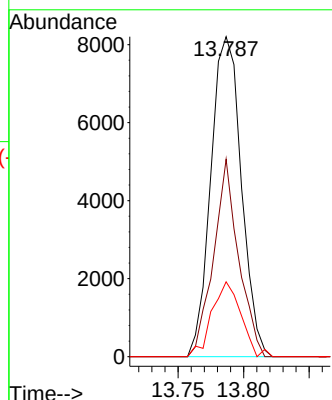
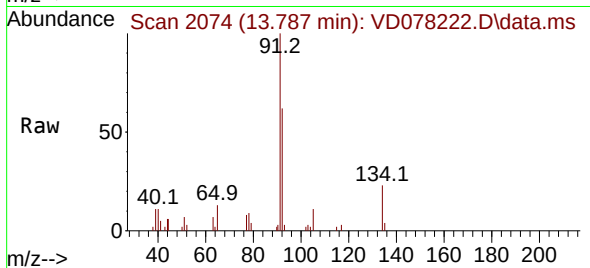
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

01/25/2024

Supervised By :Semsettin
Yesilyurt

01/25/2024



#90

Hexachloroethane

Concen: 2.296 ug/l

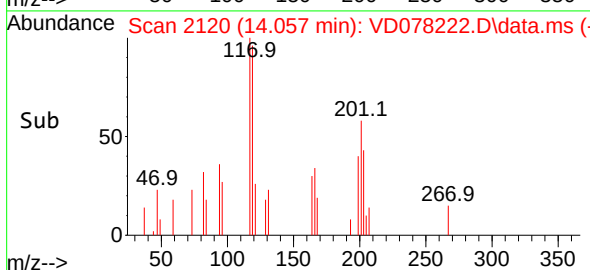
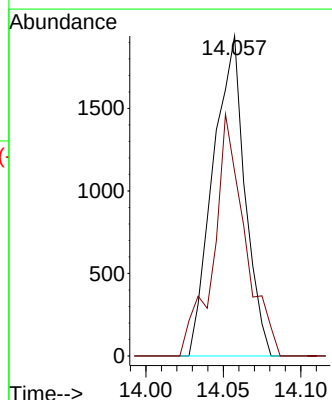
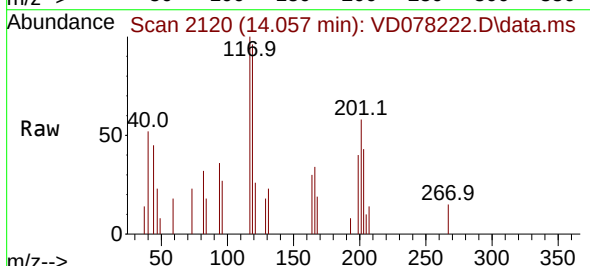
RT: 14.057 min Scan# 2120

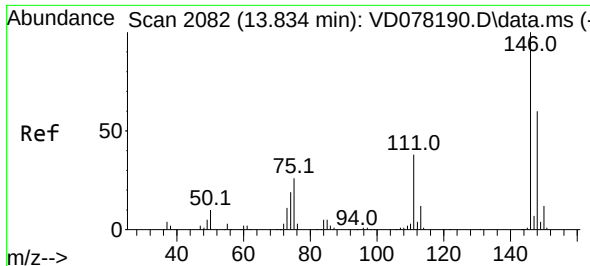
Delta R.T. 0.006 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

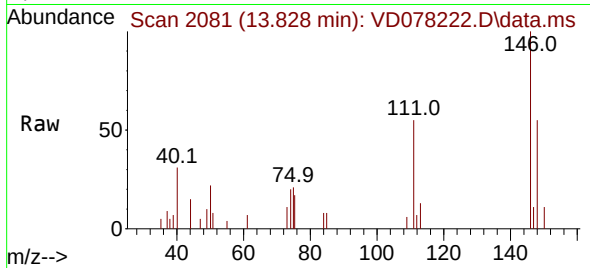
Tgt Ion:117	Resp: 2771
Ion Ratio	Lower Upper
117 100	
201 74.3	38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 2.415 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



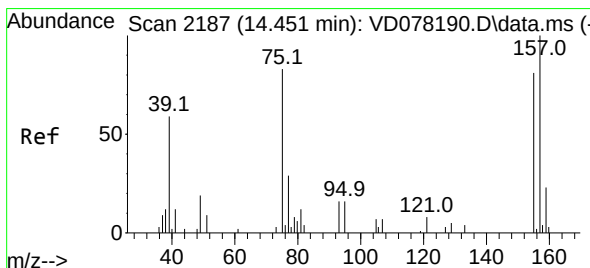
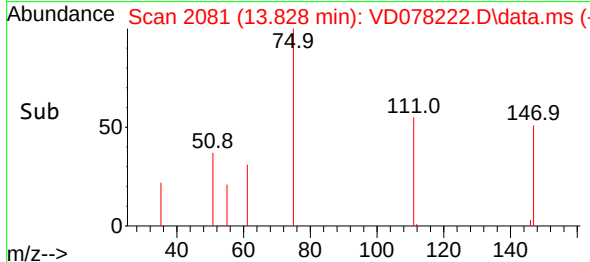
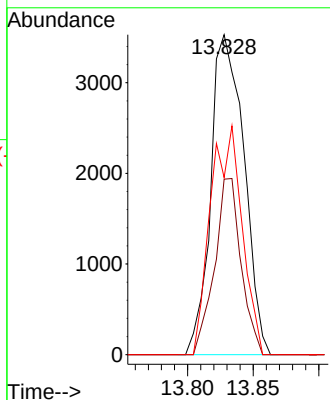
Tgt Ion:146 Resp: 6209
Ion Ratio Lower Upper
146 100
111 44.0 18.3 54.8
148 67.7 31.6 94.7

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

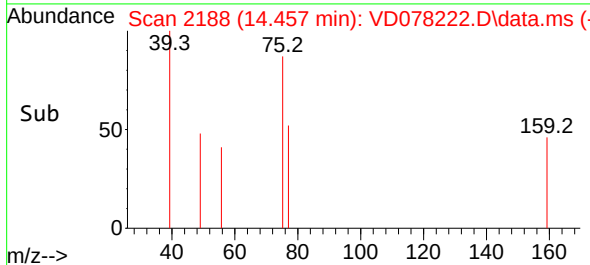
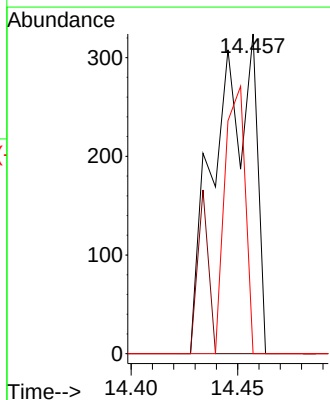
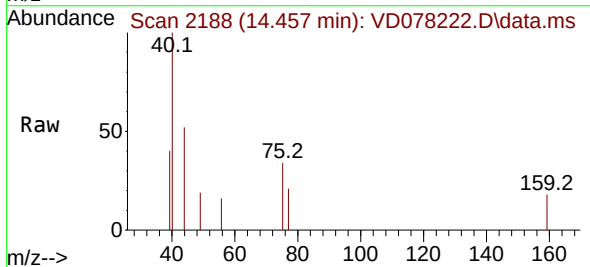
01/25/2024
Supervised By :Semsettin
Yesilyurt

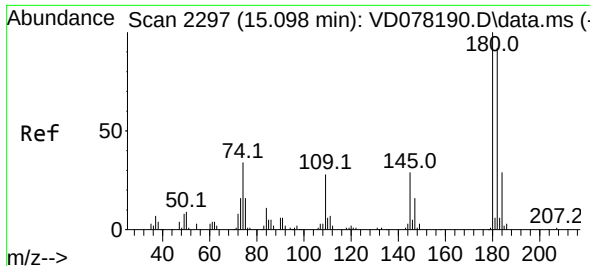
01/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.345 ug/l
RT: 14.457 min Scan# 2188
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

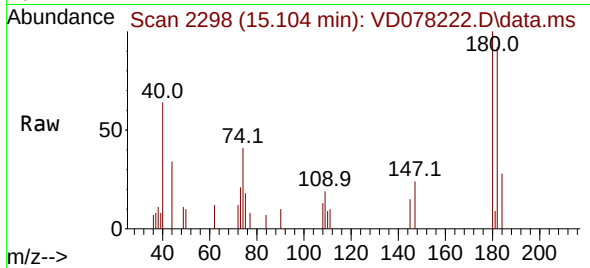
Tgt Ion: 75 Resp: 420
Ion Ratio Lower Upper
75 100
155 0.0 47.9 143.8#
157 42.6 59.9 179.7#





#93
1,2,4-Trichlorobenzene
Concen: 2.311 ug/l
RT: 15.104 min Scan# 2110
Delta R.T. 0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



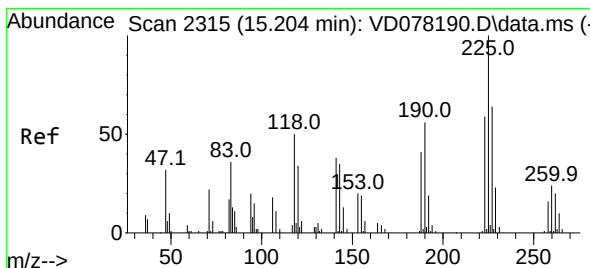
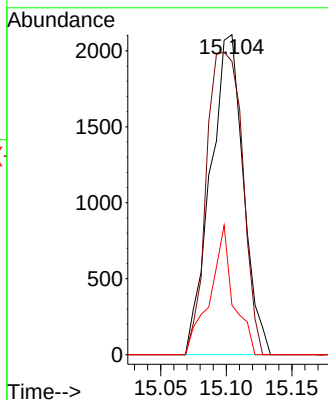
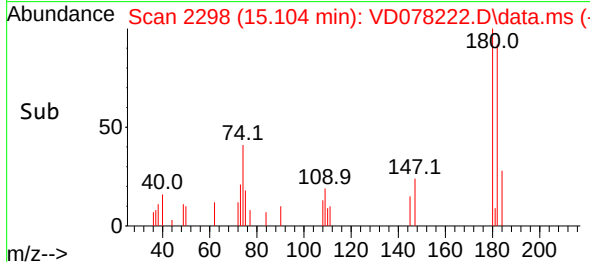
Tgt Ion:180 Resp: 367
Ion Ratio Lower Upper
180 100
182 103.3 48.5 145.6
145 28.7 14.2 42.6

Manual Integrations
APPROVED

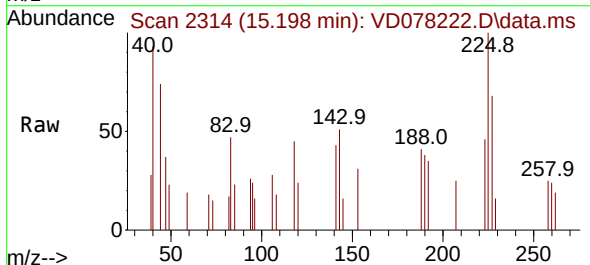
Reviewed By :Mahesh
Dadoda

01/25/2024
Supervised By :Semsettin
Yesilyurt

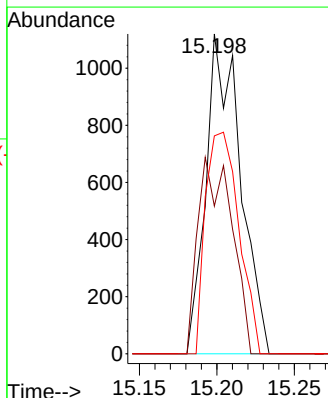
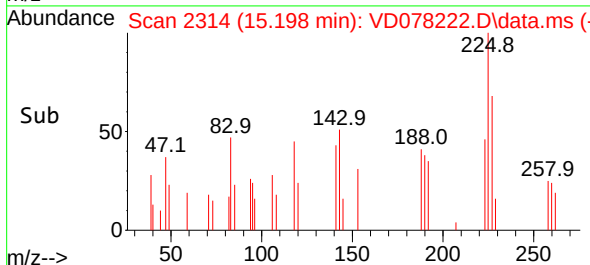
01/25/2024

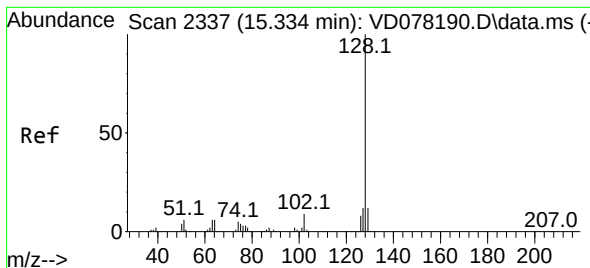


#94
Hexachlorobutadiene
Concen: 2.250 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD078222.D
Acq: 24 Jan 2024 14:53



Tgt Ion:225 Resp: 1728
Ion Ratio Lower Upper
225 100
223 60.6 31.6 94.8
227 67.2 31.7 95.1





#95

Naphthalene

Concen: 2.175 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion:	128	Resp:	646
Ion Ratio	Lower	Upper	
128	100		
127	22.8	10.5	15.7
129	14.0	8.7	13.1

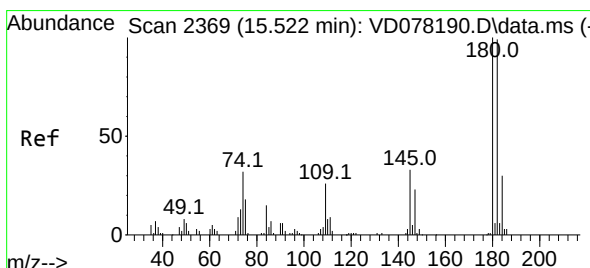
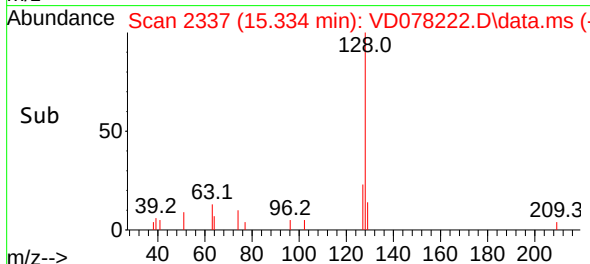
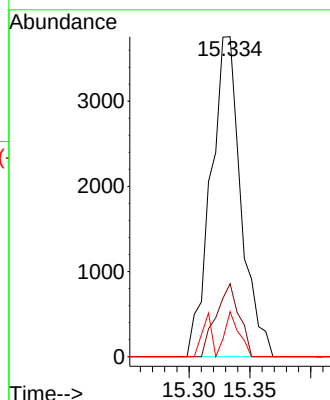
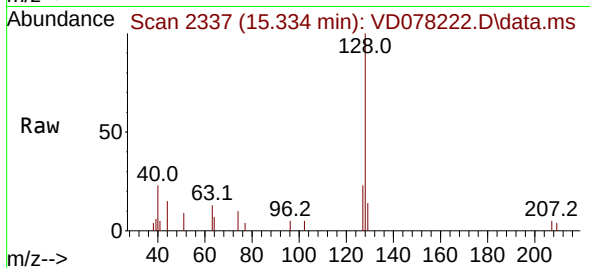
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

01/25/2024

Supervised By :Semsettin
Yesilyurt

01/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.085 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD078222.D

Acq: 24 Jan 2024 14:53

Tgt Ion:	180	Resp:	2780
Ion Ratio	Lower	Upper	
180	100		
182	110.6	47.3	141.9
145	35.8	15.1	45.3

