

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078221.D
 Acq On : 24 Jan 2024 14:26
 Operator : RP/MD
 Sample : P1187-02 5PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024

Quant Time: Jan 25 01:15:38 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	125829	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	240698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	215428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72228	50.282	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.560%			
35) Dibromofluoromethane	7.810	113	76151	48.072	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.140%			
50) Toluene-d8	10.275	98	295277	47.075	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.140%			
62) 4-Bromofluorobenzene	12.575	95	80659	44.341	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	9720	6.705	ug/l	98
3) Chloromethane	2.152	50	14926	6.383	ug/l	95
4) Vinyl Chloride	2.293	62	18231	6.110	ug/l	# 87
5) Bromomethane	2.705	94	13645	6.266	ug/l	94
6) Chloroethane	2.846	64	12844	6.162	ug/l	98
7) Trichlorofluoromethane	3.193	101	17115	6.306	ug/l	93
8) Diethyl Ether	3.599	74	4511	5.996	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.975	101	10172	6.471	ug/l	93
10) Methyl Iodide	4.175	142	7959	5.051	ug/l	# 85
11) Tert butyl alcohol	5.046	59	1979m	27.984	ug/l	
12) 1,1-Dichloroethene	3.946	96	8729	5.606	ug/l	# 72
13) Acrolein	3.799	56	3265	20.112	ug/l	96
14) Allyl chloride	4.569	41	11429	5.564	ug/l	# 89
15) Acrylonitrile	5.263	53	9225	27.324	ug/l	94
16) Acetone	4.022	43	13553	31.650	ug/l	# 86
17) Carbon Disulfide	4.281	76	28435	5.631	ug/l	98
18) Methyl Acetate	4.552	43	6992	5.658	ug/l	# 88
19) Methyl tert-butyl Ether	5.316	73	17147	5.281	ug/l	99
20) Methylene Chloride	4.810	84	14452	6.858	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	10274	5.710	ug/l	94
22) Diisopropyl ether	6.222	45	24613	5.663	ug/l	# 88
23) Vinyl Acetate	6.157	43	54925	25.649	ug/l	# 88
24) 1,1-Dichloroethane	6.122	63	18100	6.027	ug/l	99
25) 2-Butanone	7.087	43	15024	29.691	ug/l	# 81
26) 2,2-Dichloropropane	7.087	77	14965	5.948	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	11360	5.877	ug/l	94
28) Bromochloromethane	7.434	49	6241	5.328	ug/l	# 73
29) Tetrahydrofuran	7.457	42	6655	28.082	ug/l	# 77
30) Chloroform	7.599	83	18878	6.181	ug/l	100
31) Cyclohexane	7.881	56	17136	6.452	ug/l	# 83
32) 1,1,1-Trichloroethane	7.793	97	16185	6.134	ug/l	93
36) 1,1-Dichloropropene	8.016	75	13309	5.109	ug/l	96
37) Ethyl Acetate	7.175	43	5098	5.257	ug/l	95
38) Carbon Tetrachloride	7.999	117	13091	5.088	ug/l	94
39) Methylcyclohexane	9.275	83	16014	5.198	ug/l	90
40) Benzene	8.251	78	39637	5.362	ug/l	100

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Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	2296	4.312	ug/l #	21
42) 1,2-Dichloroethane	8.328	62	10482	5.450	ug/l	92
43) Isopropyl Acetate	8.369	43	8878	4.997	ug/l #	68
44) Trichloroethene	9.028	130	9728	5.144	ug/l	86
45) 1,2-Dichloropropane	9.310	63	10395	5.667	ug/l	89
46) Dibromomethane	9.393	93	5095	5.058	ug/l	91
47) Bromodichloromethane	9.593	83	13194	5.214	ug/l	88
48) Methyl methacrylate	9.381	41	5937	5.772	ug/l #	69
49) 1,4-Dioxane	9.393	88	879	90.176	ug/l #	81
51) 4-Methyl-2-Pentanone	10.163	43	22591	24.197	ug/l	87
52) Toluene	10.334	92	23621	5.041	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	12162	5.209	ug/l	93
54) cis-1,3-Dichloropropene	10.022	75	14725	5.261	ug/l #	85
55) 1,1,2-Trichloroethane	10.740	97	7523	5.581	ug/l	93
56) Ethyl methacrylate	10.604	69	4926	4.464	ug/l #	69
57) 1,3-Dichloropropane	10.887	76	11803	5.120	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	12592	19.042	ug/l	95
59) 2-Hexanone	10.928	43	19074	25.141	ug/l	83
60) Dibromochloromethane	11.075	129	8077	5.082	ug/l	90
61) 1,2-Dibromoethane	11.181	107	6354	5.114	ug/l	93
64) Tetrachloroethene	10.810	164	7435	5.278	ug/l	93
65) Chlorobenzene	11.610	112	24972	5.247	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.681	131	8741	5.140	ug/l	96
67) Ethyl Benzene	11.687	91	44902	5.185	ug/l	89
68) m/p-Xylenes	11.792	106	34166	10.330	ug/l	96
69) o-Xylene	12.122	106	14440	4.811	ug/l	92
70) Styrene	12.134	104	22401	4.980	ug/l	97
71) Bromoform	12.298	173	4354	5.170	ug/l #	93
73) Isopropylbenzene	12.422	105	39492	5.283	ug/l	94
74) N-amyl acetate	12.239	43	7457	5.214	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	8709	6.261	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	5983m	6.561	ug/l	
77) Bromobenzene	12.698	156	8714	5.317	ug/l	74
78) n-propylbenzene	12.763	91	49317	5.319	ug/l	95
79) 2-Chlorotoluene	12.851	91	26898	5.436	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	31305	5.050	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	2162	5.107	ug/l #	78
82) 4-Chlorotoluene	12.945	91	28481	5.461	ug/l	91
83) tert-Butylbenzene	13.169	119	26074	5.032	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	31191	4.976	ug/l	96
85) sec-Butylbenzene	13.345	105	40837	5.205	ug/l	94
86) p-Isopropyltoluene	13.463	119	32963	4.828	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	19429	5.726	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	18653	5.564	ug/l	94
89) n-Butylbenzene	13.792	91	35695	5.370	ug/l	94
90) Hexachloroethane	14.057	117	7588	5.666	ug/l	84
91) 1,2-Dichlorobenzene	13.828	146	15456	5.417	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1135	5.710	ug/l	68
93) 1,2,4-Trichlorobenzene	15.098	180	9103	5.161	ug/l	91
94) Hexachlorobutadiene	15.210	225	4834	5.671	ug/l	98
95) Naphthalene	15.333	128	16545	5.017	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	7498	5.067	ug/l	96

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LOQ-SOIL-02-QT1-2024

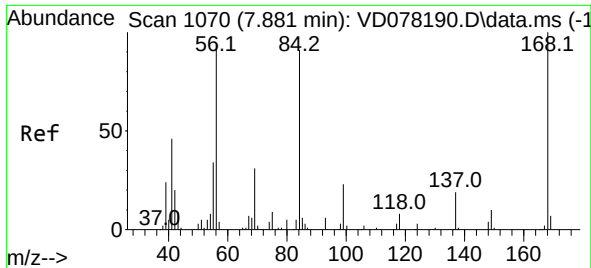
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 01:15:38 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

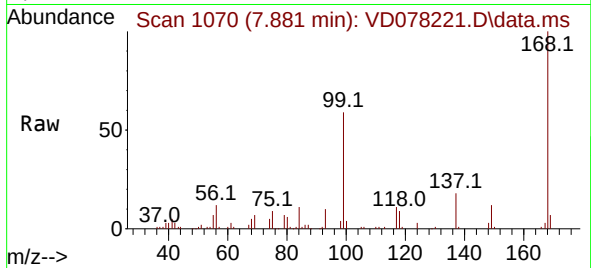
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

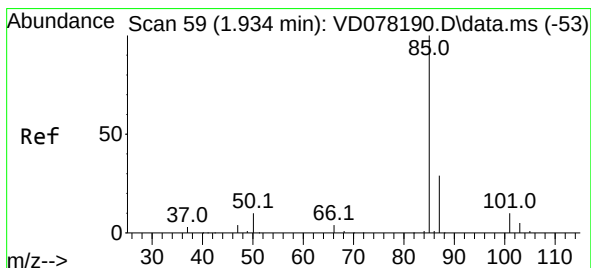
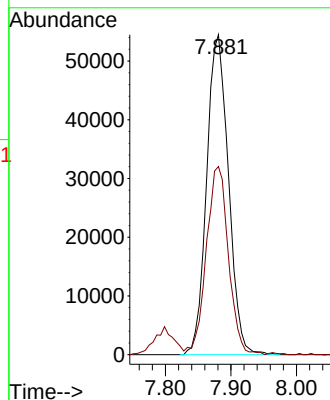
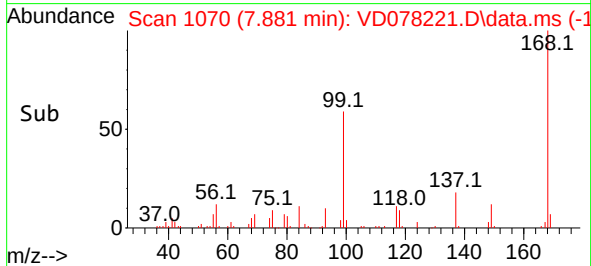
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion:168 Resp: 125829
Ion Ratio Lower Upper
168 100
99 58.5 36.7 55.1

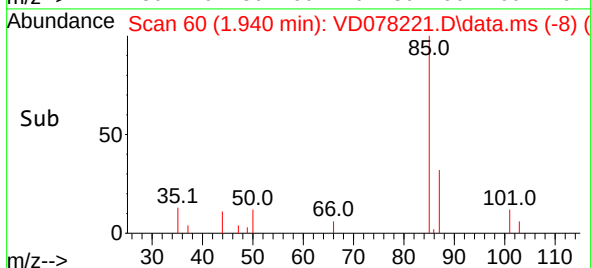
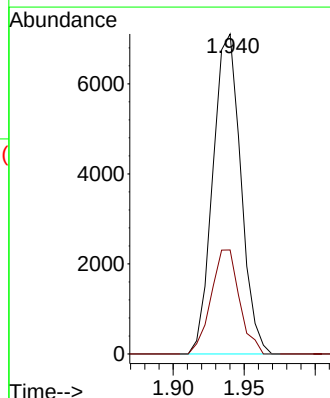
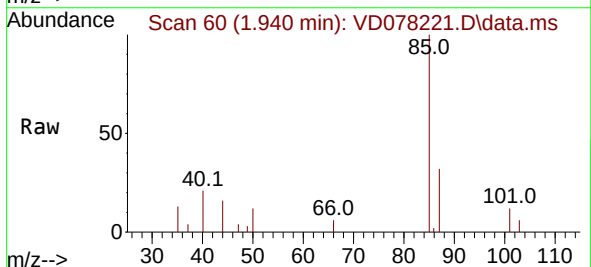
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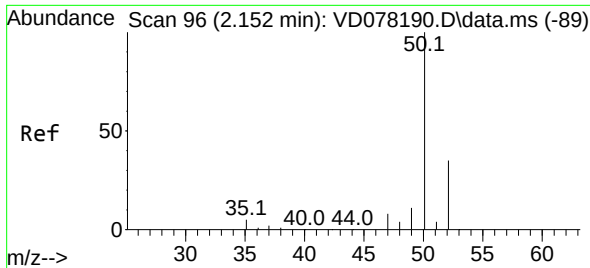
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#2
Dichlorodifluoromethane
Concen: 6.705 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Tgt Ion: 85 Resp: 9720
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0





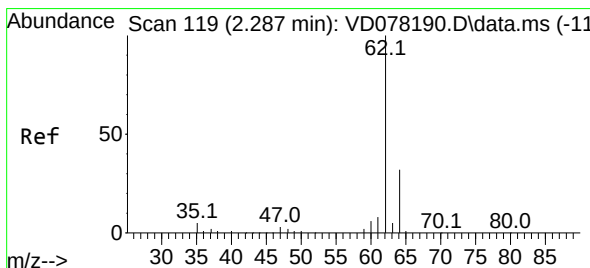
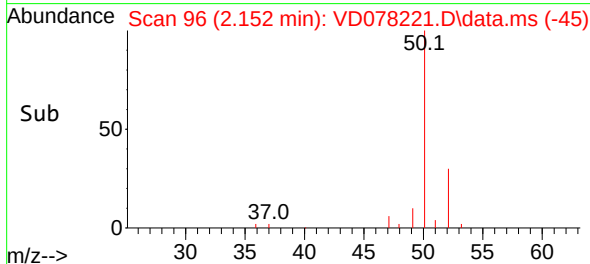
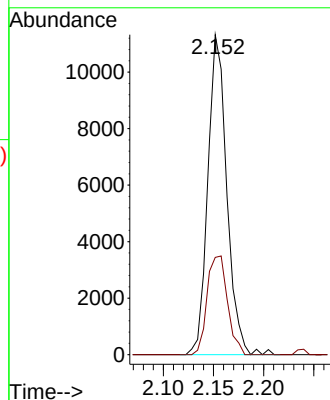
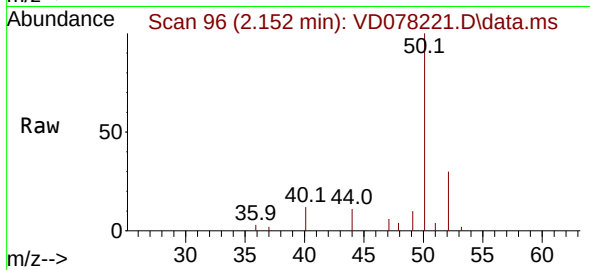
#3
Chloromethane
Concen: 6.383 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 14920
Ion Ratio Lower Upper
50 100
52 30.4 26.6 40.0

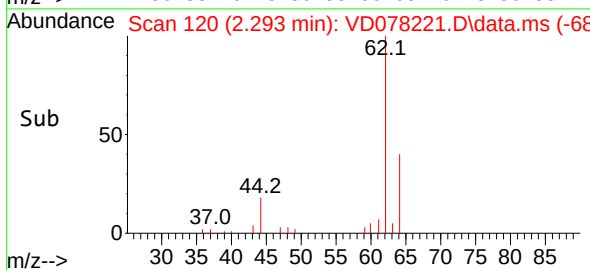
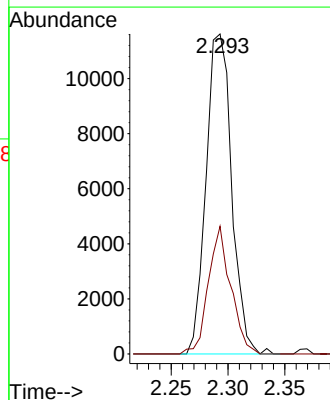
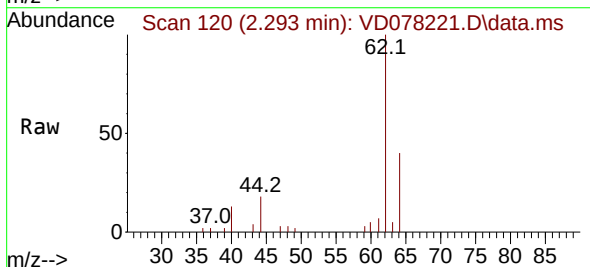
Manual Integrations
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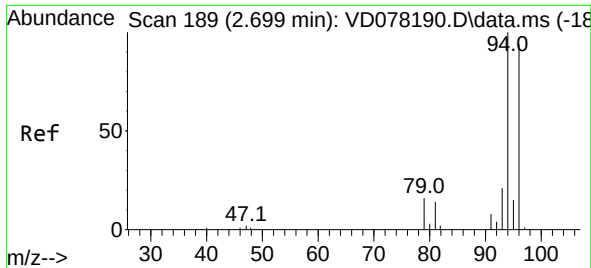
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#4
Vinyl Chloride
Concen: 6.110 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Tgt Ion: 62 Resp: 18231
Ion Ratio Lower Upper
62 100
64 39.9 26.0 39.0#





#5

Bromomethane

Concen: 6.266 ug/l

RT: 2.705 min Scan# 190

Delta R.T. 0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 94 Resp: 1364

Ion Ratio Lower Upper

94 100

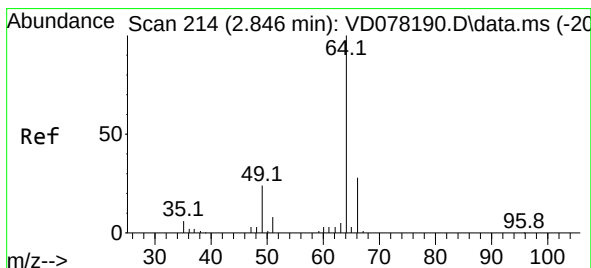
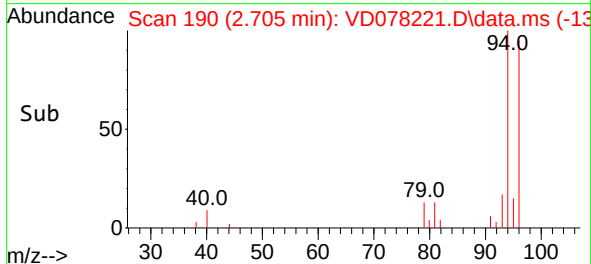
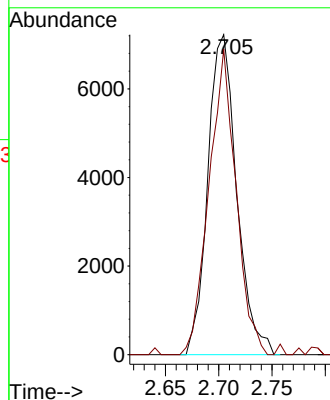
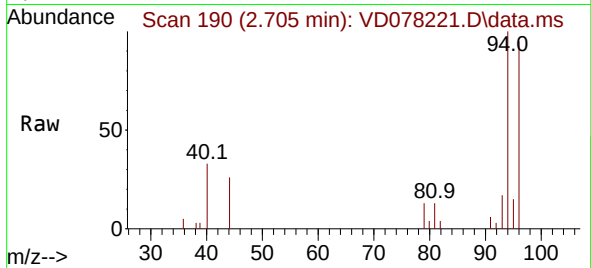
96 89.3 75.8 113.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#6

Chloroethane

Concen: 6.162 ug/l

RT: 2.846 min Scan# 214

Delta R.T. -0.000 min

Lab File: VD078221.D

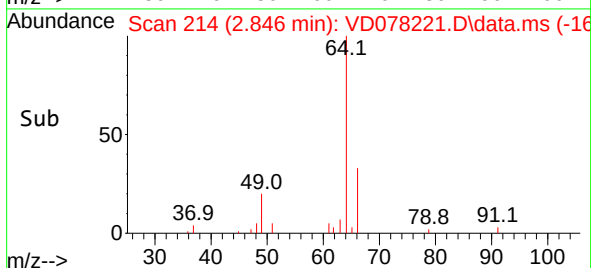
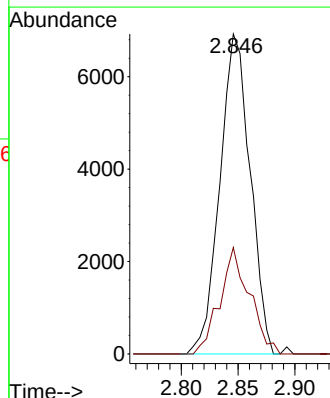
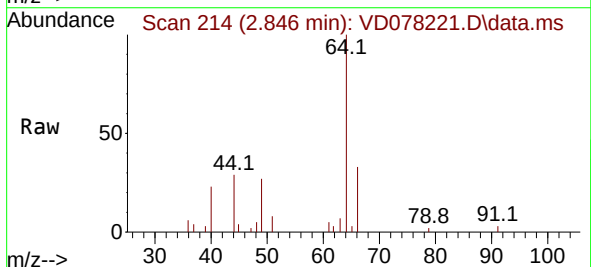
Acq: 24 Jan 2024 14:26

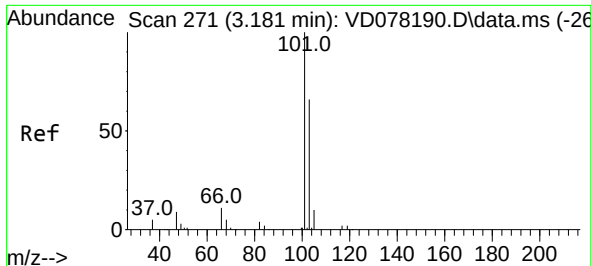
Tgt Ion: 64 Resp: 12844

Ion Ratio Lower Upper

64 100

66 33.3 25.5 38.3





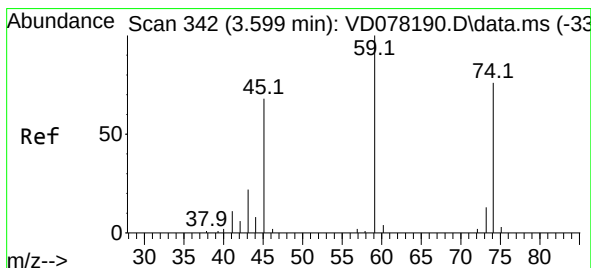
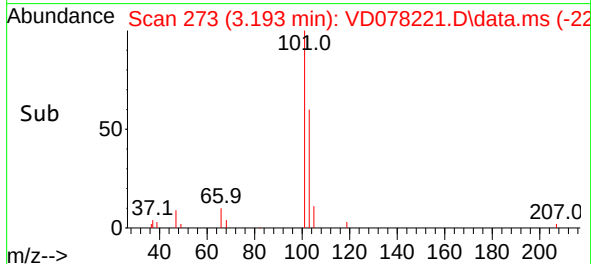
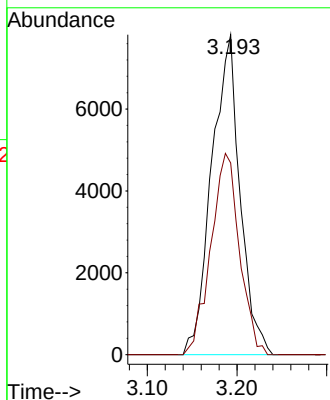
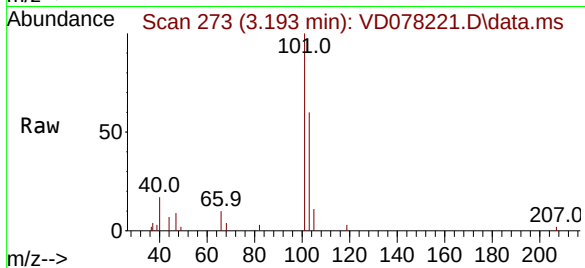
#7
Trichlorofluoromethane
Concen: 6.306 ug/l
RT: 3.193 min Scan# 271
Delta R.T. 0.012 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion:101 Resp: 1711
Ion Ratio Lower Upper
101 100
103 59.9 52.3 78.5

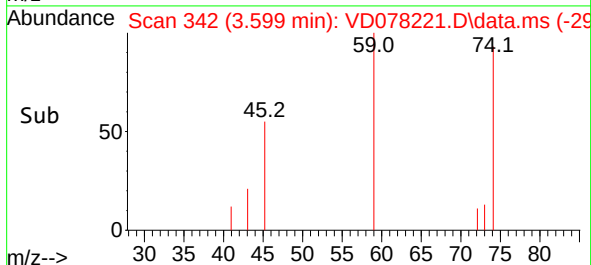
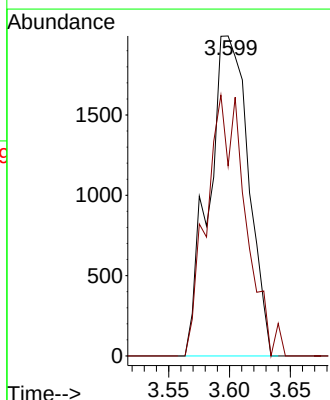
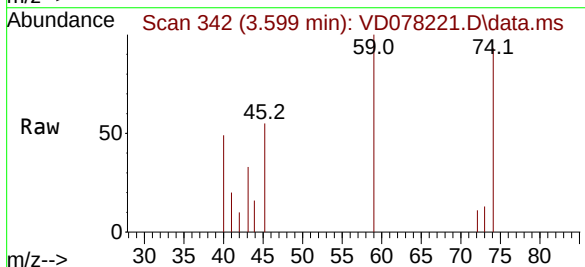
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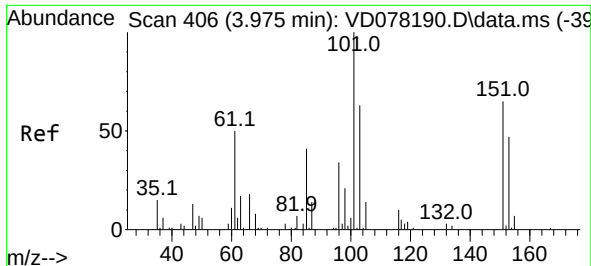
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#8
Diethyl Ether
Concen: 5.996 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Tgt Ion: 74 Resp: 4511
Ion Ratio Lower Upper
74 100
45 80.0 37.5 112.7





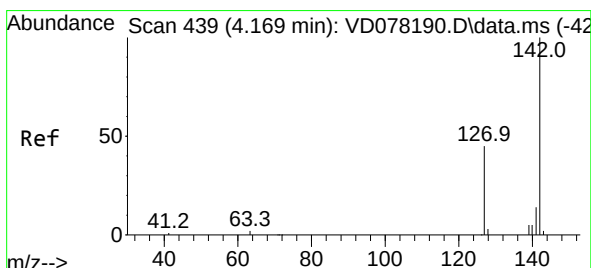
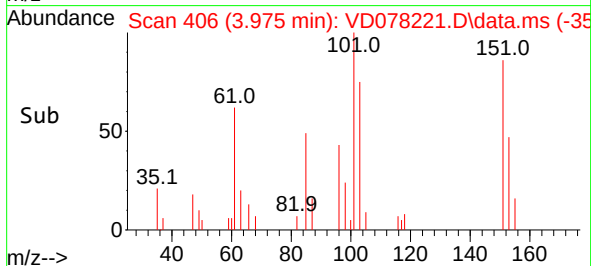
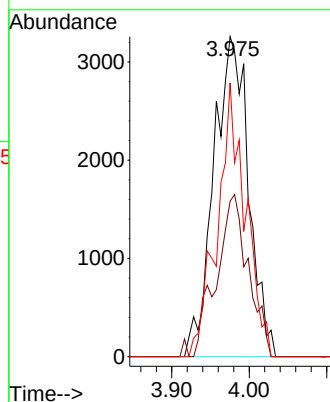
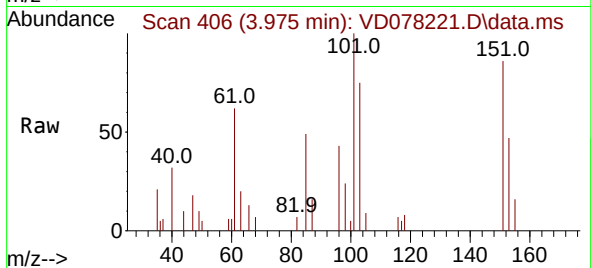
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.471 ug/l
RT: 3.975 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion:101 Resp: 10172
Ion Ratio Lower Upper
101 100
85 46.4 33.8 50.6
151 69.1 59.8 89.6

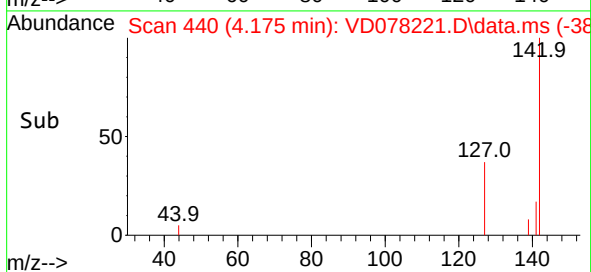
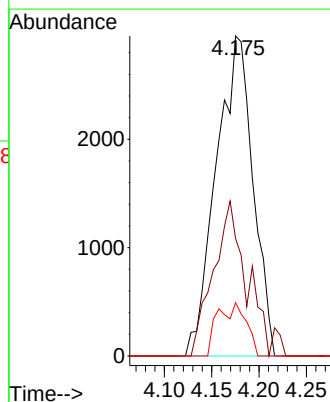
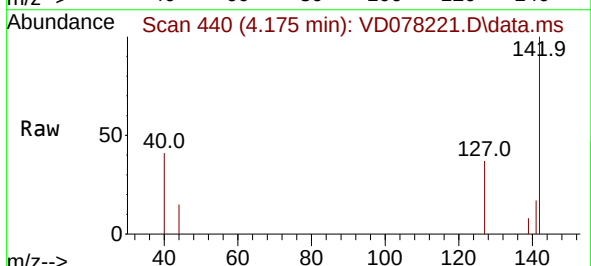
Manual Integrations
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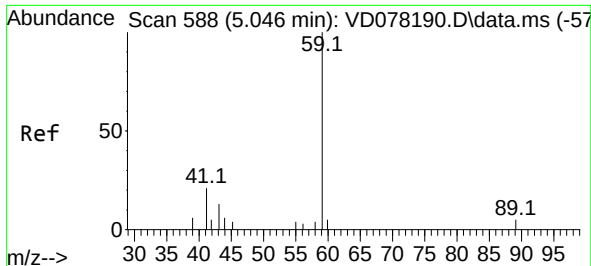
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#10
Methyl Iodide
Concen: 5.051 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

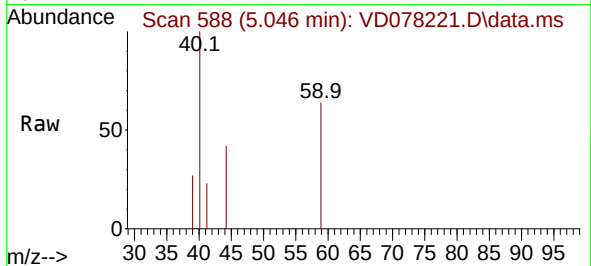
Tgt Ion:142 Resp: 7959
Ion Ratio Lower Upper
142 100
127 45.3 29.4 44.0#
141 6.6 11.1 16.7#





#11
Tert butyl alcohol
Concen: 27.984 ug/l m
RT: 5.046 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

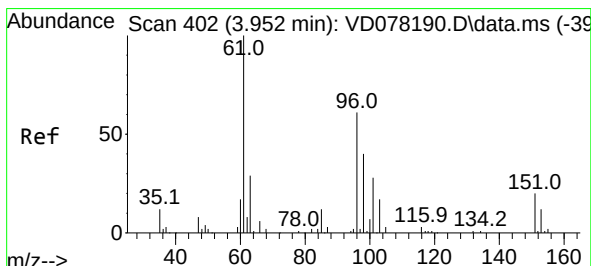
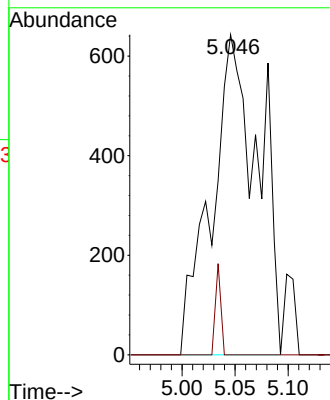
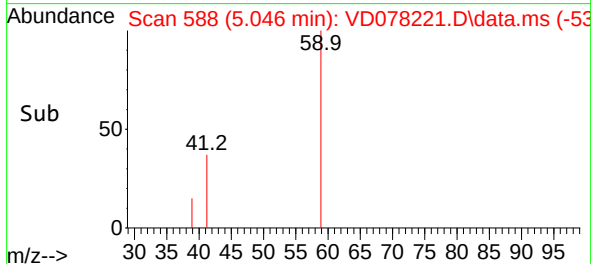
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



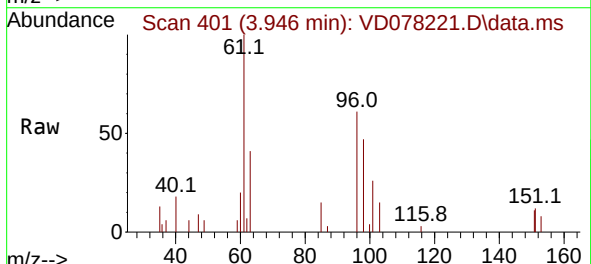
Tgt Ion: 59 Resp: 1979
Ion Ratio Lower Upper
59 100
57 3.3 7.8 11.8

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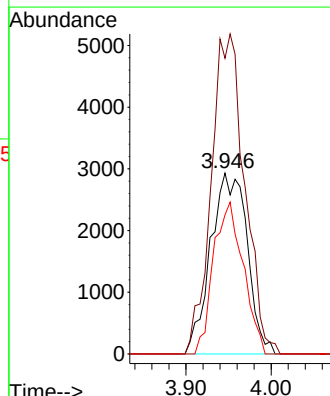
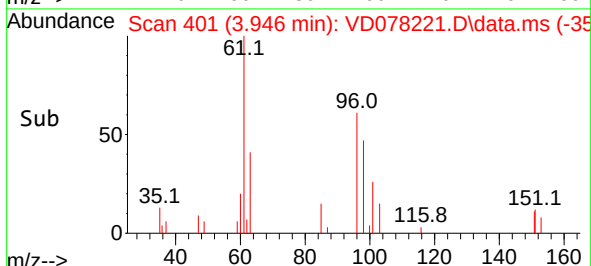
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

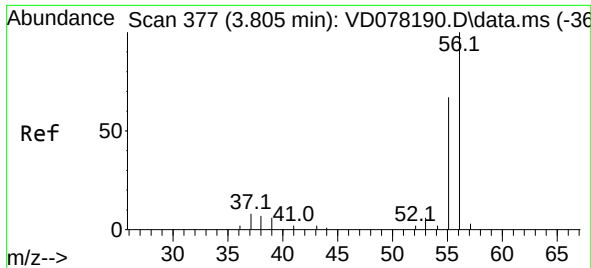


#12
1,1-Dichloroethene
Concen: 5.606 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26



Tgt Ion: 96 Resp: 8729
Ion Ratio Lower Upper
96 100
61 163.5 100.6 150.8#
98 76.9 50.2 75.2#





#13

Acrolein

Concen: 20.112 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 56 Resp: 326

Ion Ratio Lower Upper

56 100

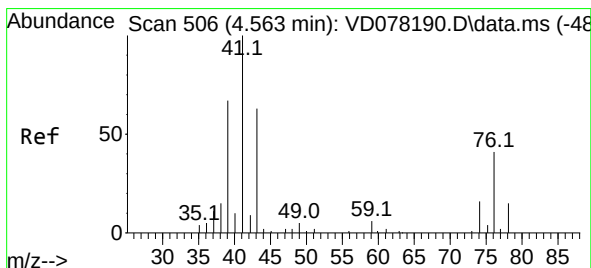
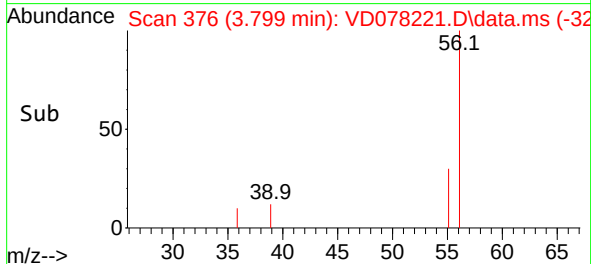
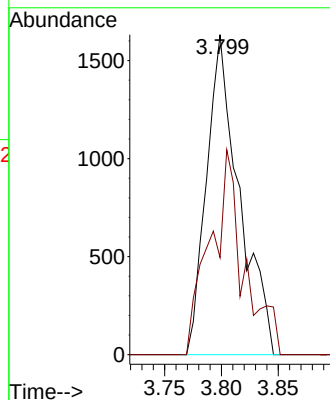
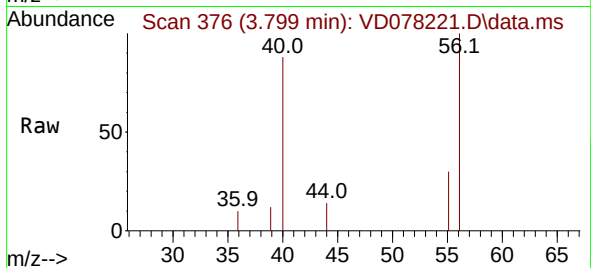
55 65.4 55.1 82.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#14

Allyl chloride

Concen: 5.564 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

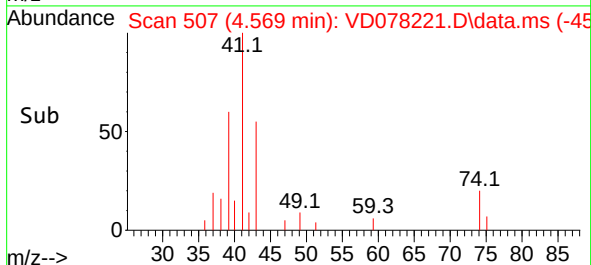
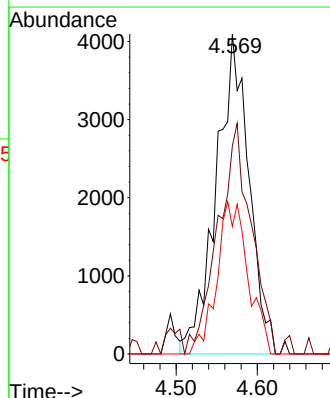
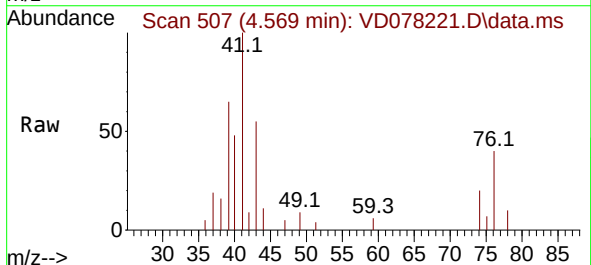
Tgt Ion: 41 Resp: 11429

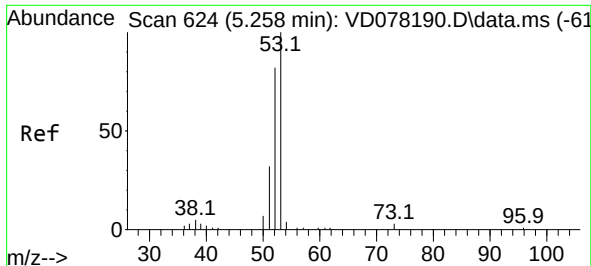
Ion Ratio Lower Upper

41 100

39 73.2 53.8 80.6

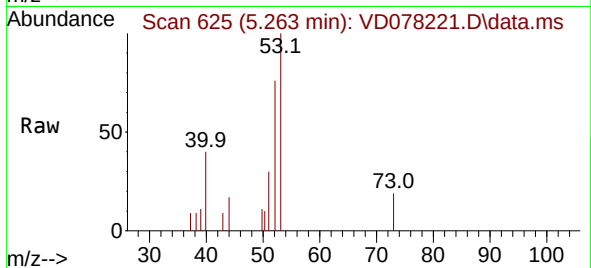
76 45.7 45.8 68.8#





#15
Acrylonitrile
Concen: 27.324 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

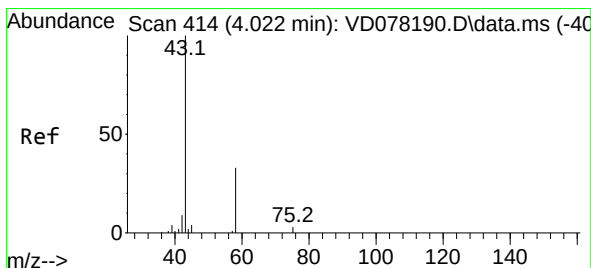
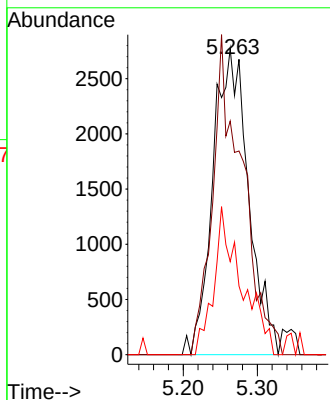
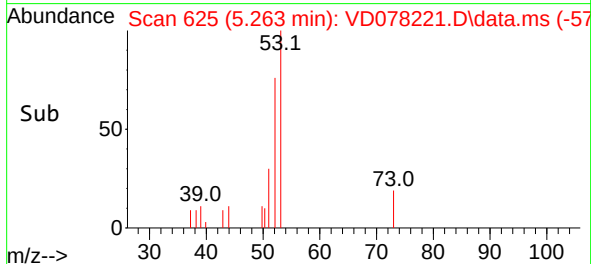
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 53 Resp: 9225
Ion Ratio Lower Upper
53 100
52 87.5 65.0 97.4
51 37.8 28.3 42.5

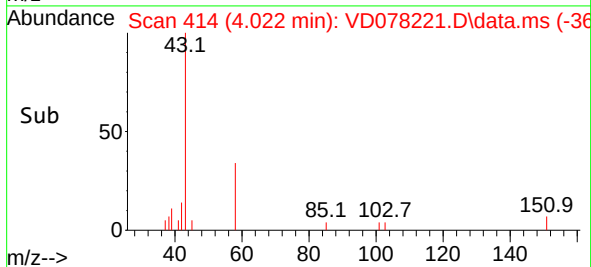
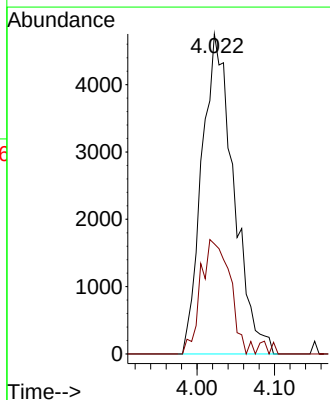
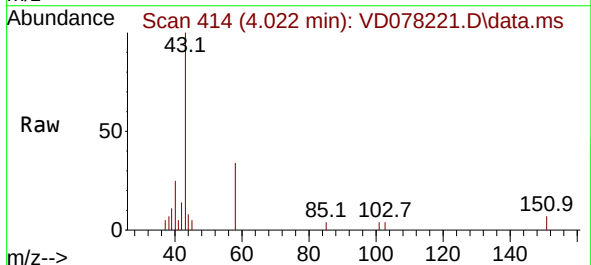
Manual Integrations
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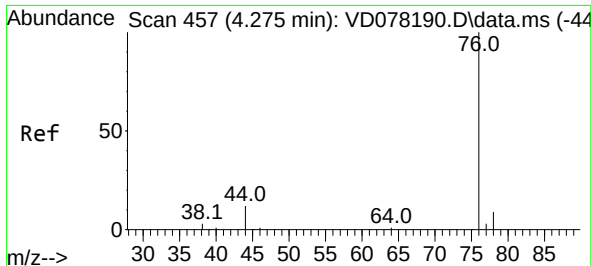
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#16
Acetone
Concen: 31.650 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Tgt Ion: 43 Resp: 13553
Ion Ratio Lower Upper
43 100
58 34.4 34.7 52.1#





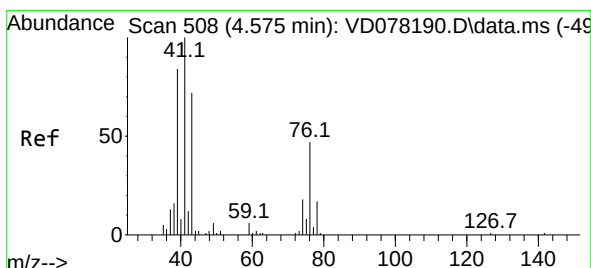
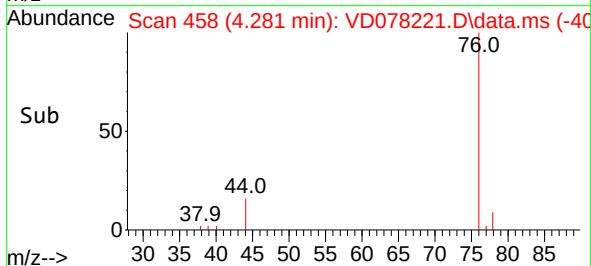
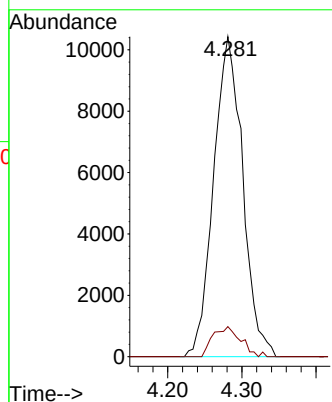
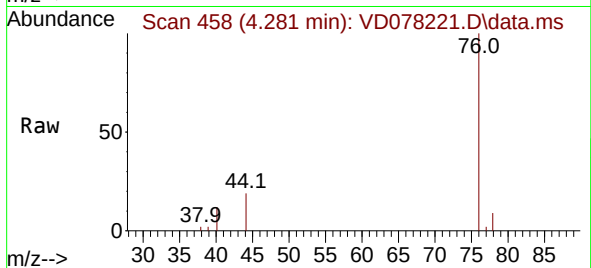
#17
Carbon Disulfide
Concen: 5.631 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion: 76 Resp: 2843
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

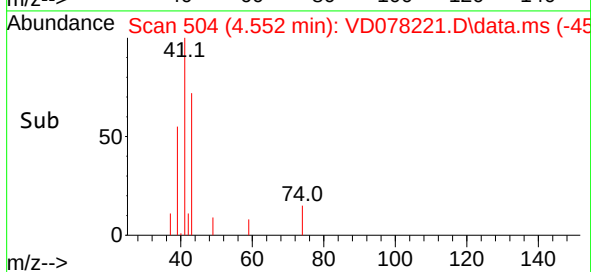
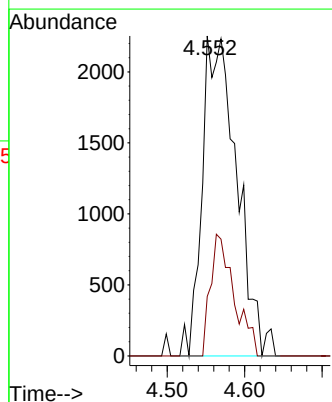
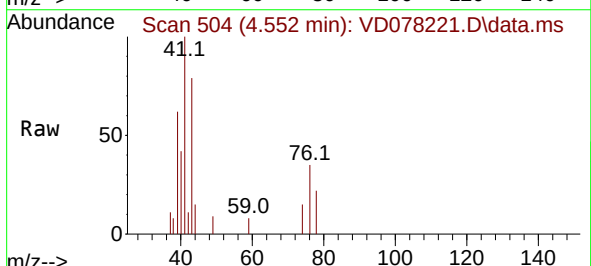
Manual Integrations
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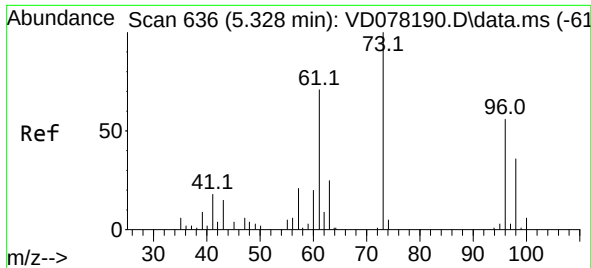
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#18
Methyl Acetate
Concen: 5.658 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.024 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

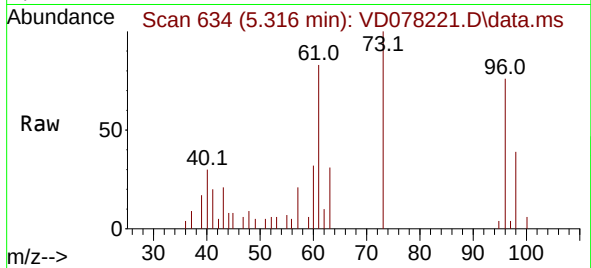
Tgt Ion: 43 Resp: 6992
Ion Ratio Lower Upper
43 100
74 26.1 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 5.281 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

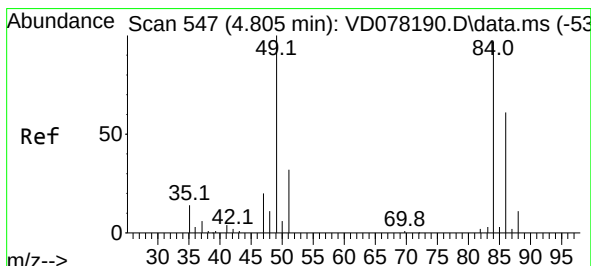
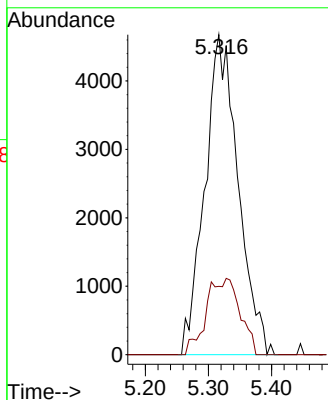
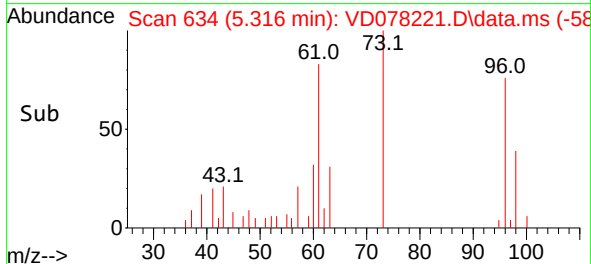
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



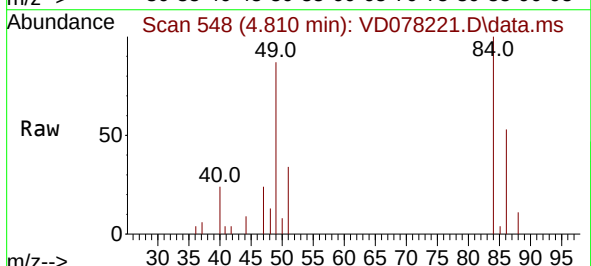
Tgt Ion: 73 Resp: 1714
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0

Manual Integrations
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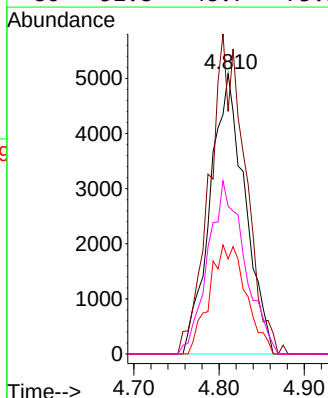
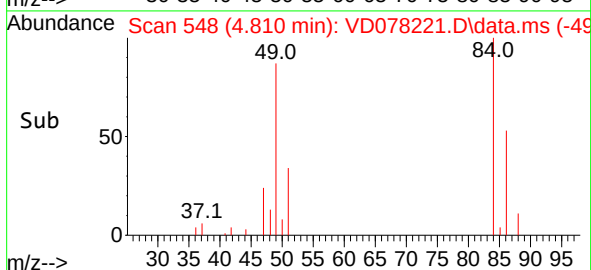
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

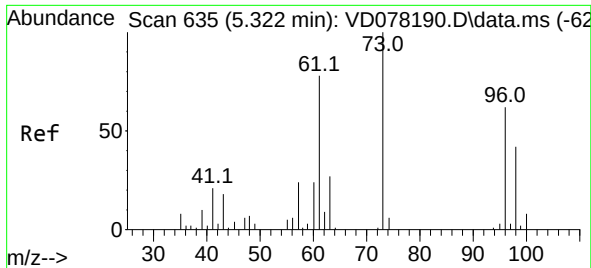


#20
Methylene Chloride
Concen: 6.858 ug/l
RT: 4.810 min Scan# 548
Delta R.T. 0.005 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26



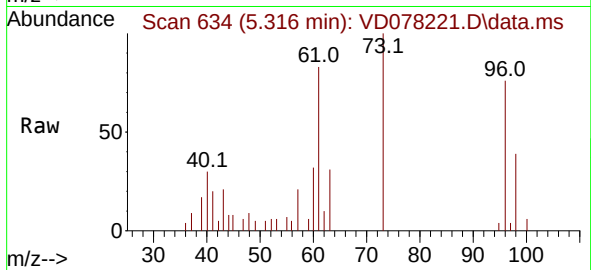
Tgt Ion: 84 Resp: 14452
Ion Ratio Lower Upper
84 100
49 86.6 71.4 107.2
51 33.9 24.5 36.7
86 52.8 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 5.710 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

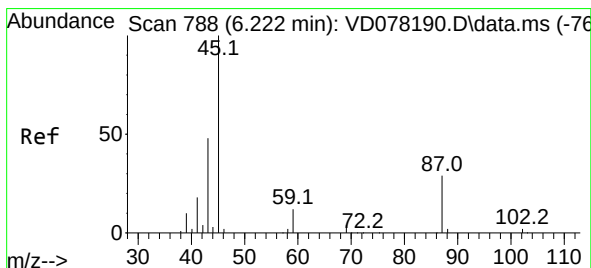
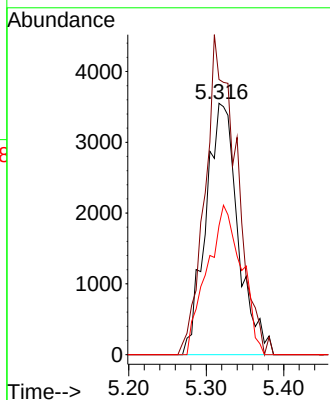
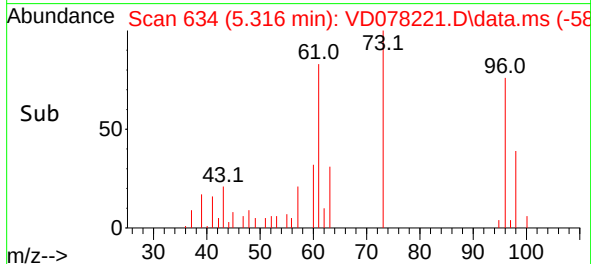
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 96 Resp: 10274
Ion Ratio Lower Upper
96 100
61 109.5 89.3 133.9
98 51.3 48.6 73.0

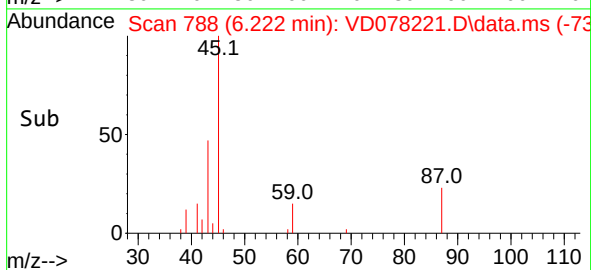
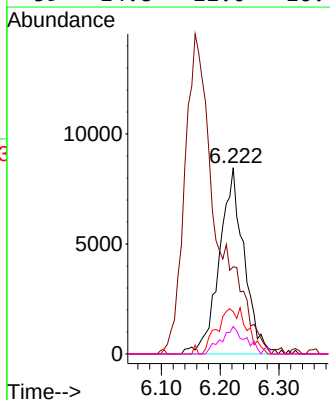
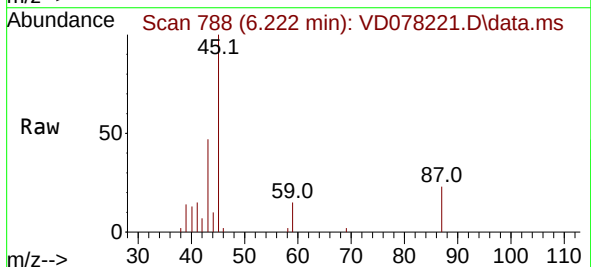
Manual Integrations
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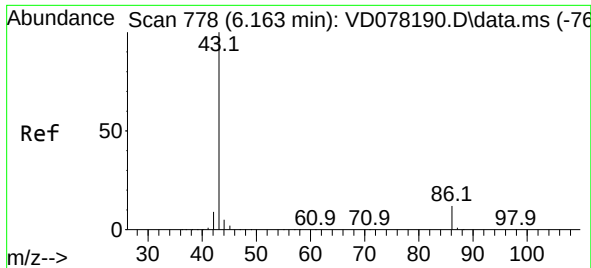
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#22
Diisopropyl ether
Concen: 5.663 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Tgt Ion: 45 Resp: 24613
Ion Ratio Lower Upper
45 100
43 44.4 40.0 60.0
87 22.7 28.2 42.4#
59 14.8 11.0 16.4





#23

Vinyl Acetate

Concen: 25.649 ug/l

RT: 6.157 min Scan# 777

Delta R.T. -0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

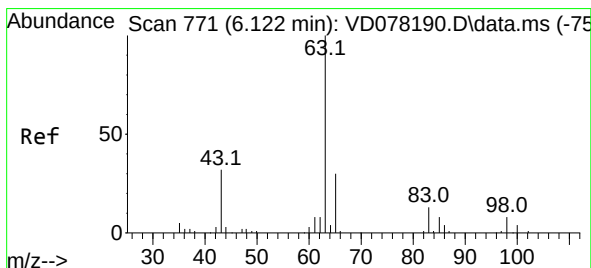
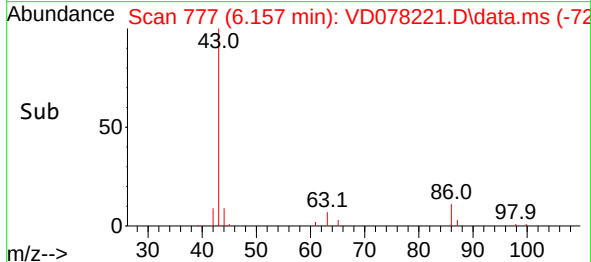
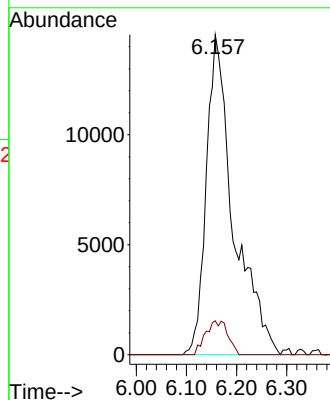
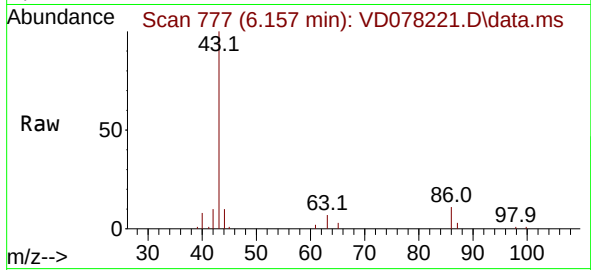
LOQ-SOIL-02-QT1-2024

Tgt Ion: 43 Resp: 54925
 Ion Ratio Lower Upper
 43 100
 86 10.6 12.5 18.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#24

1,1-Dichloroethane

Concen: 6.027 ug/l

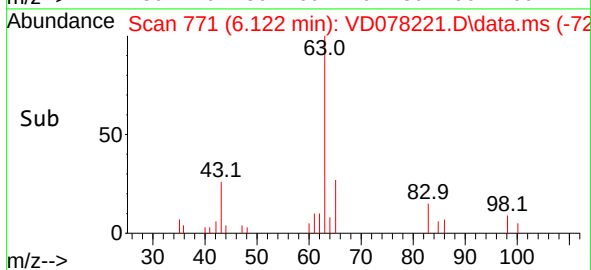
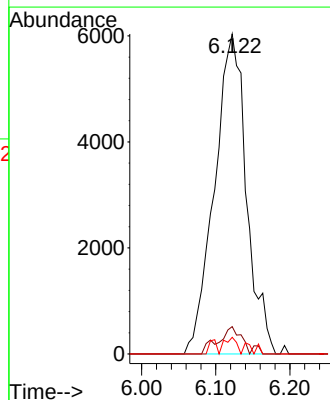
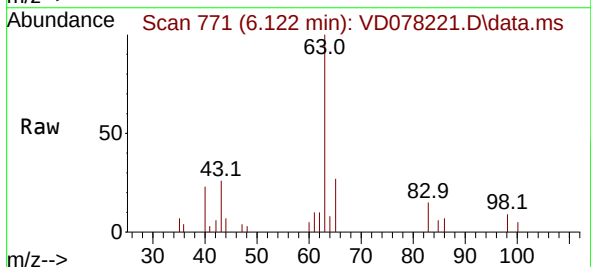
RT: 6.122 min Scan# 771

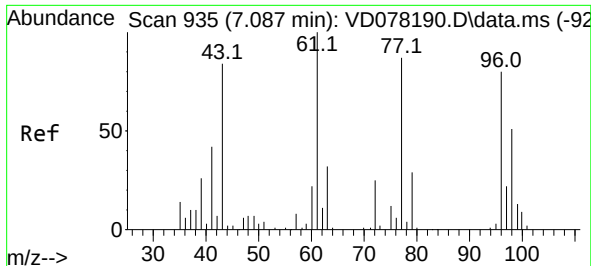
Delta R.T. -0.000 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

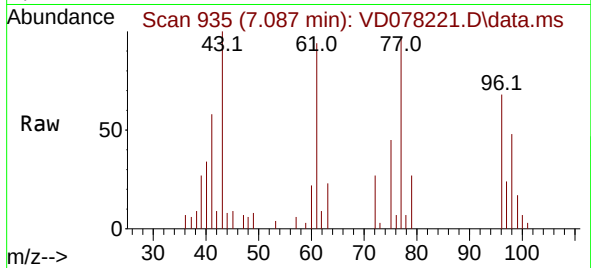
Tgt Ion: 63 Resp: 18100
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.5 13.7
 100 5.2 2.5 7.5





#25
2-Butanone
Concen: 29.691 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

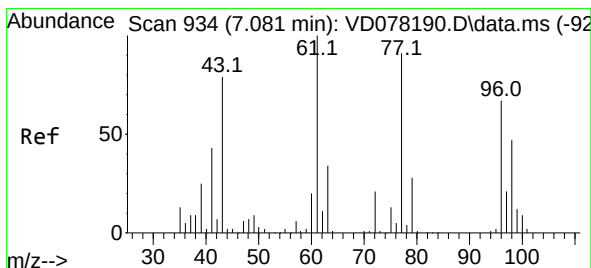
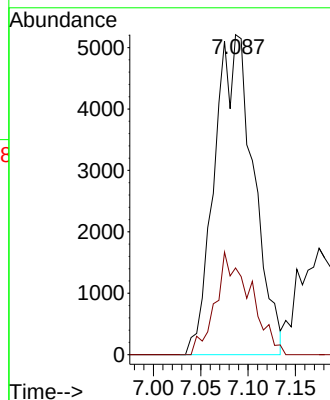
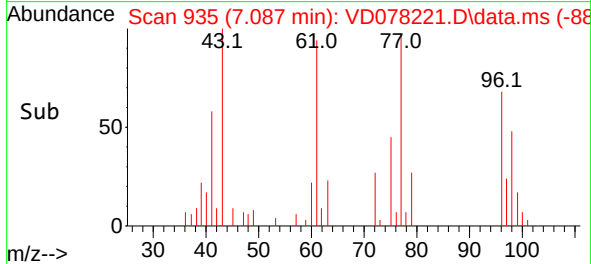
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



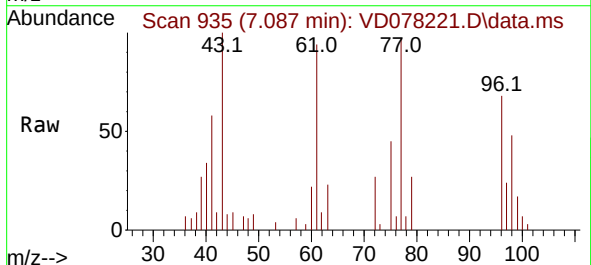
Tgt Ion: 43 Resp: 15024
Ion Ratio Lower Upper
43 100
72 27.1 30.7 46.1

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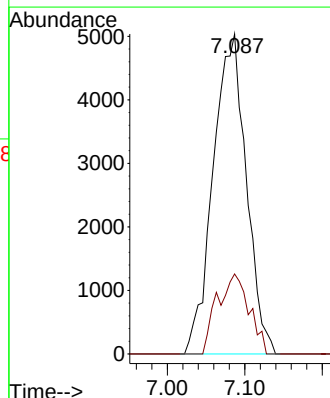
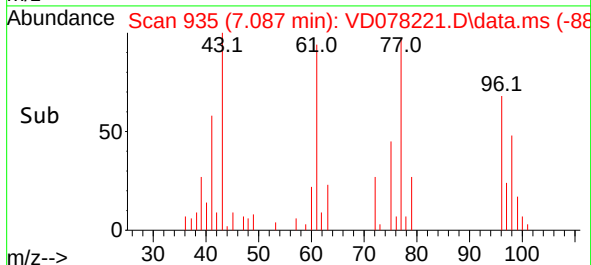
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

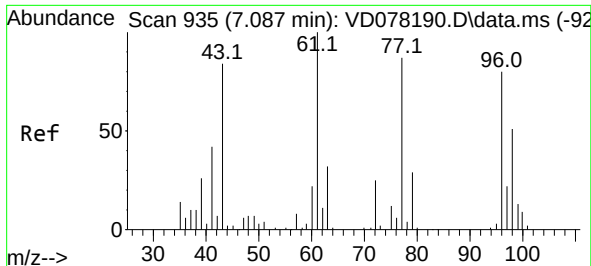


#26
2,2-Dichloropropane
Concen: 5.948 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26



Tgt Ion: 77 Resp: 14965
Ion Ratio Lower Upper
77 100
97 24.0 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 5.877 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 96 Resp: 1136

Ion Ratio Lower Upper

96 100

61 127.9 0.0 239.2

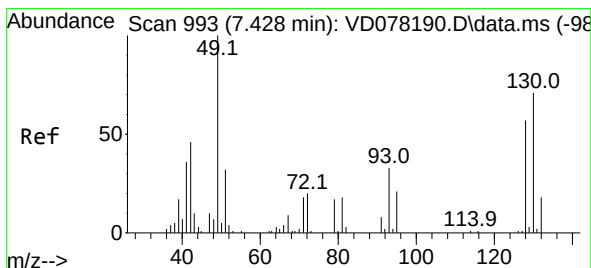
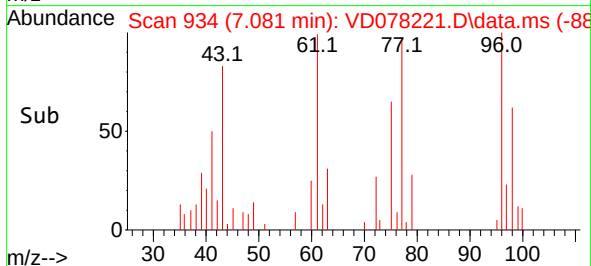
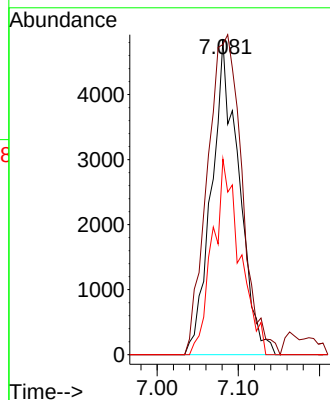
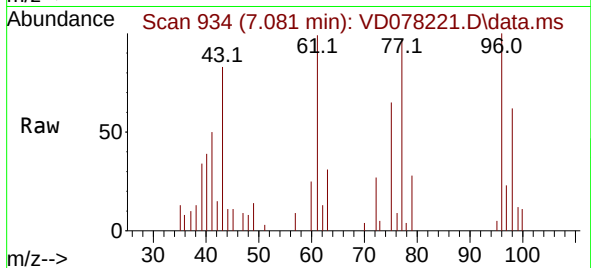
98 62.1 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#28

Bromochloromethane

Concen: 5.328 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

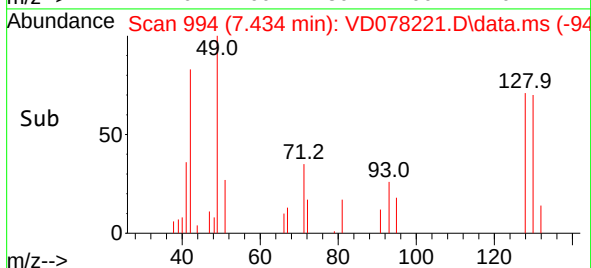
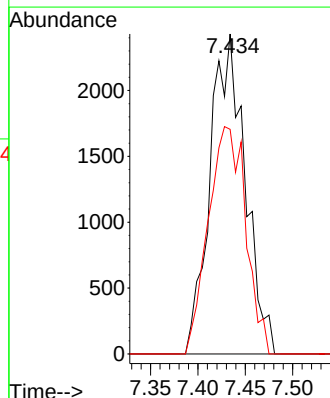
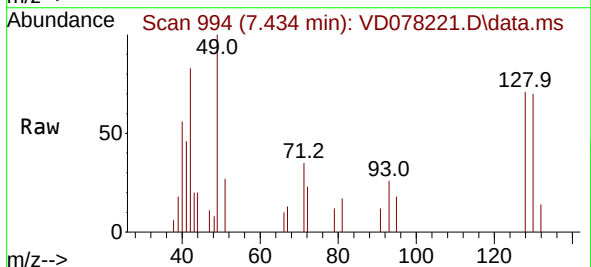
Tgt Ion: 49 Resp: 6241

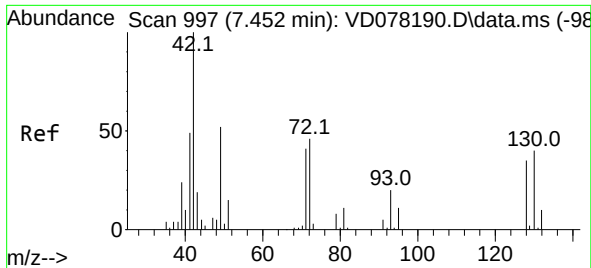
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

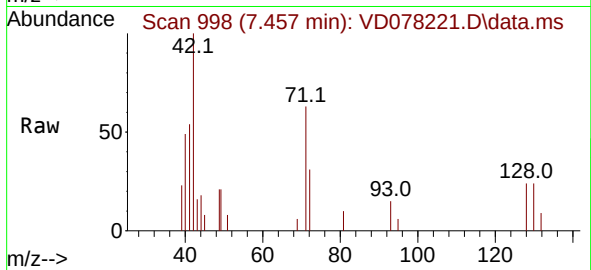
130 75.9 83.2 124.8#





#29
Tetrahydrofuran
Concen: 28.082 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

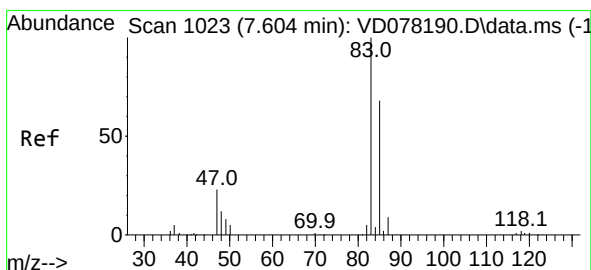
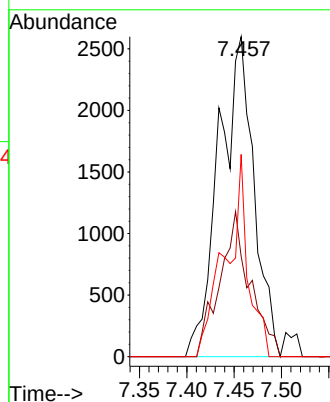
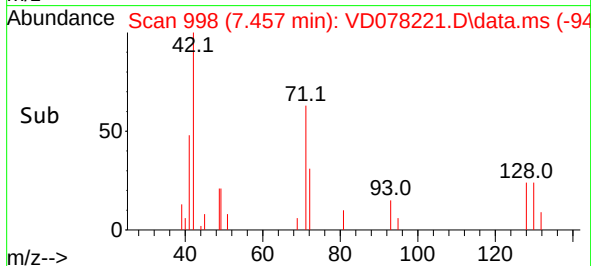
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 42 Resp: 665
Ion Ratio Lower Upper
42 100
72 39.5 46.5 69.7
71 40.7 44.5 66.7

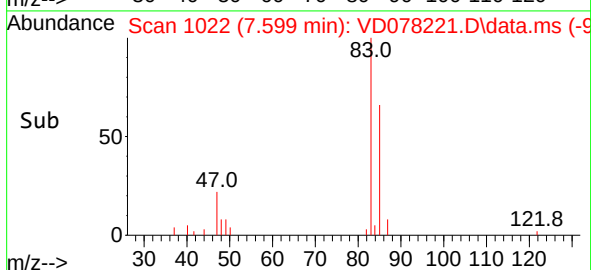
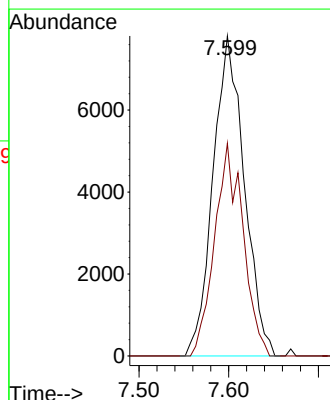
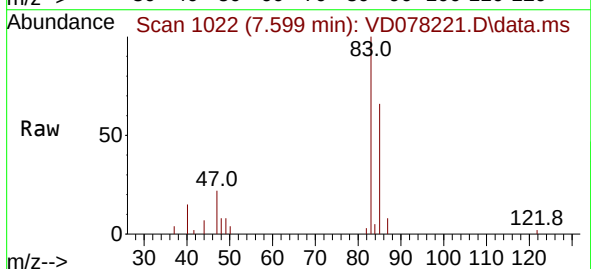
Manual Integrations
APPROVED

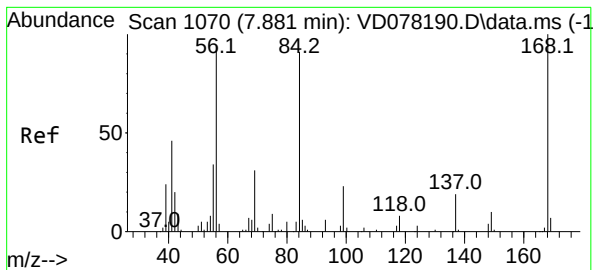
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#30
Chloroform
Concen: 6.181 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Tgt Ion: 83 Resp: 18878
Ion Ratio Lower Upper
83 100
85 66.4 53.4 80.2





#31

Cyclohexane

Concen: 6.452 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

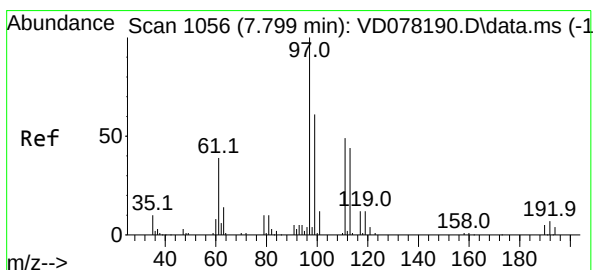
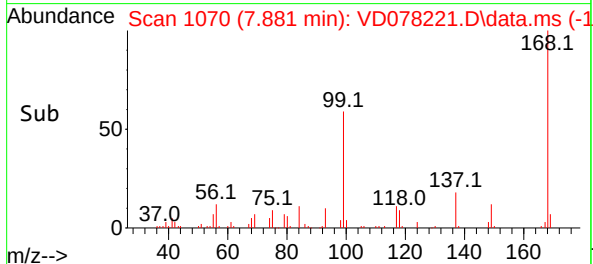
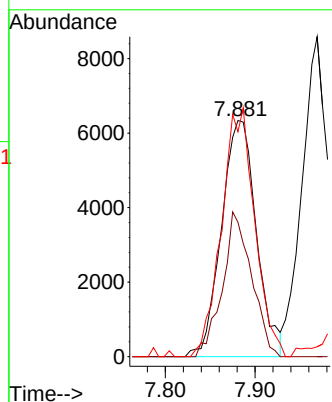
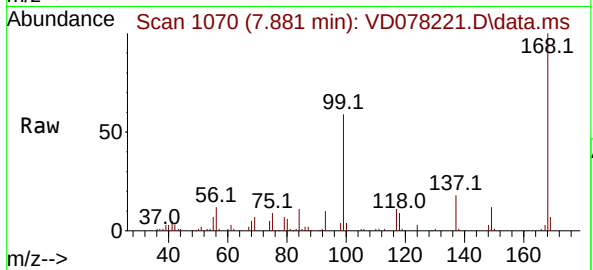
Tgt Ion: 56 Resp: 17130

Ion	Ratio	Lower	Upper
56	100		
69	56.9	28.6	43.0
84	95.3	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: 6.134 ug/l

RT: 7.793 min Scan# 1055

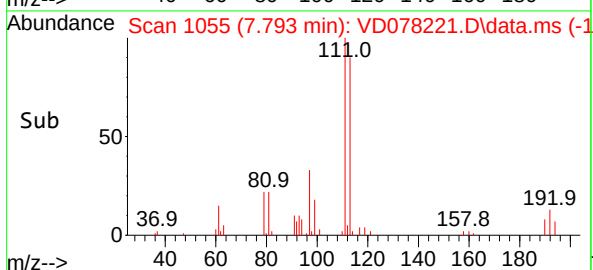
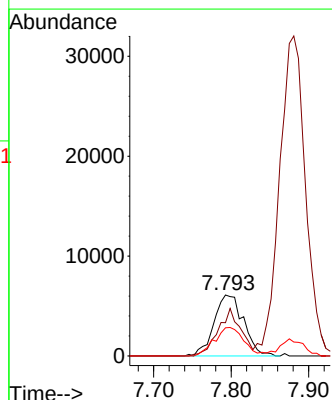
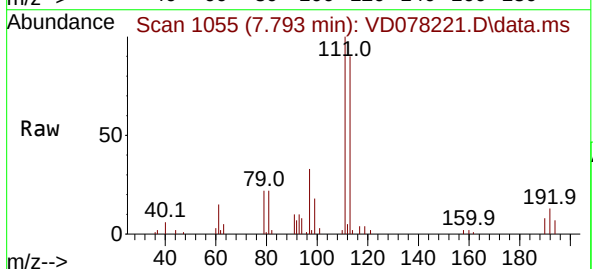
Delta R.T. -0.006 min

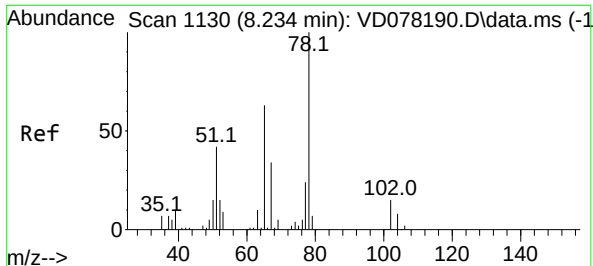
Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Tgt Ion: 97 Resp: 16185

Ion	Ratio	Lower	Upper
97	100		
99	59.9	52.0	78.0
61	47.0	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 50.282 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 65 Resp: 72228

Ion Ratio Lower Upper

65 100

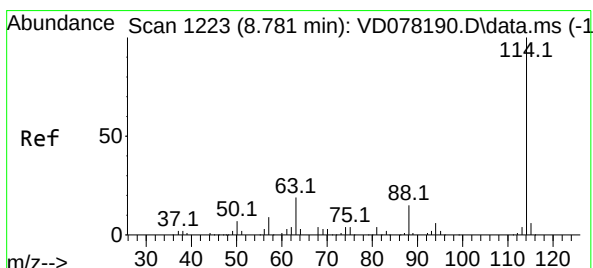
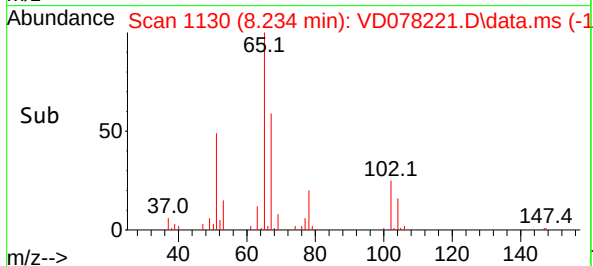
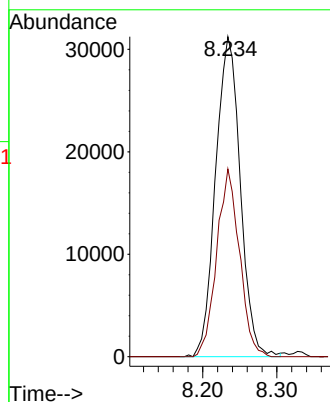
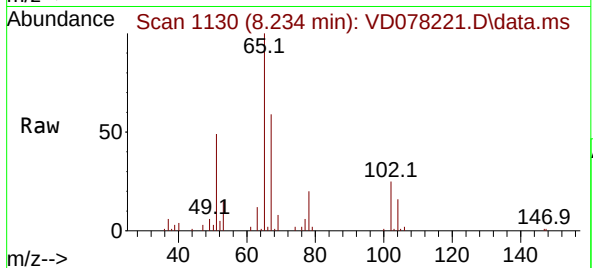
67 54.2 0.0 115.0

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: VD078221.D

Acq: 24 Jan 2024 14:26

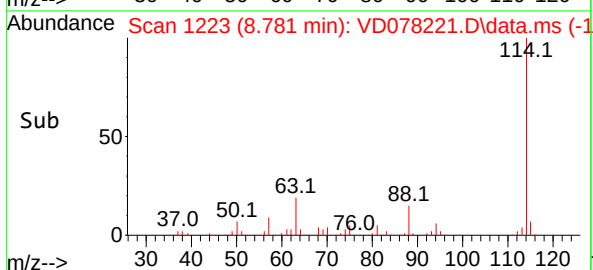
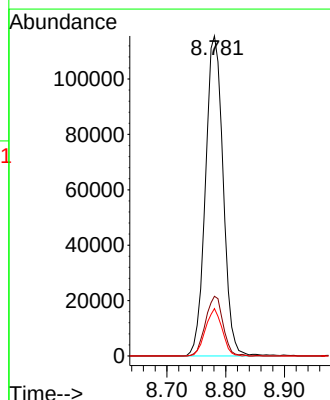
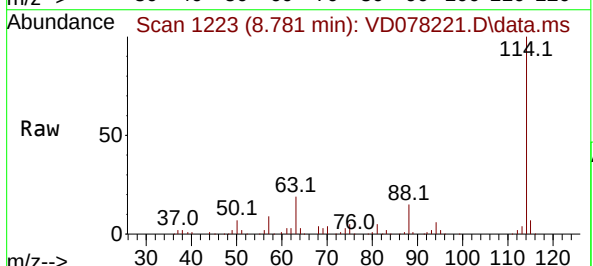
Tgt Ion:114 Resp: 240698

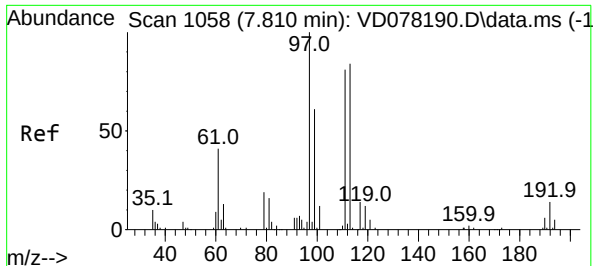
Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 14.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.072 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

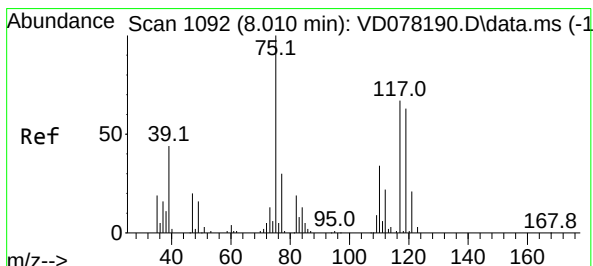
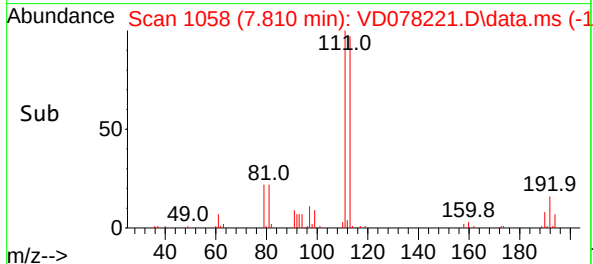
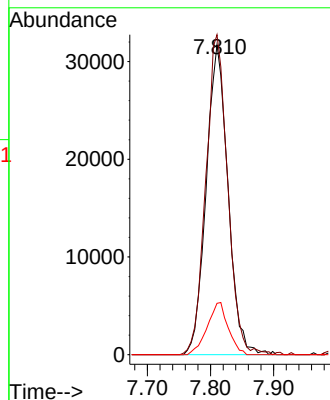
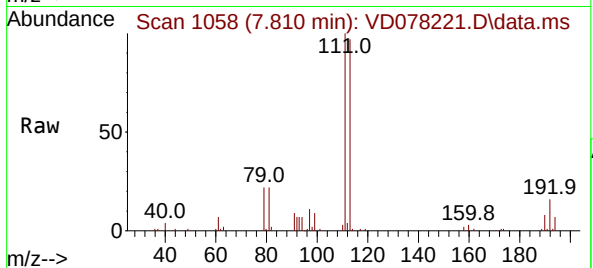
LOQ-SOIL-02-QT1-2024

Tgt Ion:	113	Resp:	7615
Ion Ratio	Lower	Upper	
113	100		
111	103.2	84.7	127.1
192	16.1	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: 5.109 ug/l

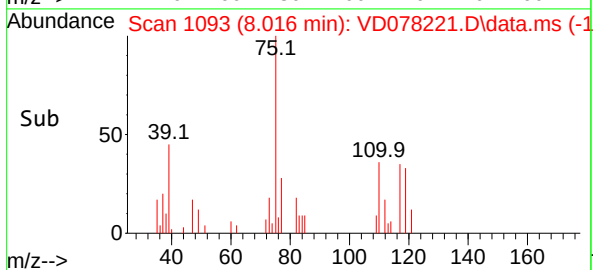
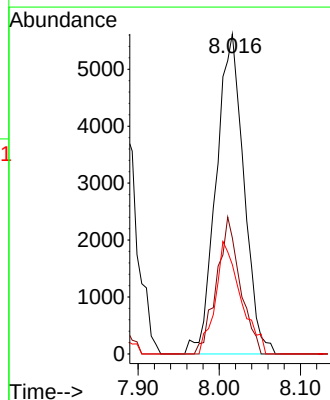
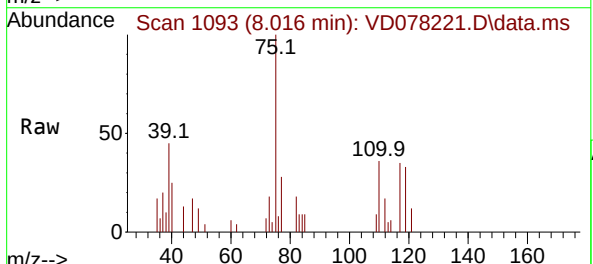
RT: 8.016 min Scan# 1093

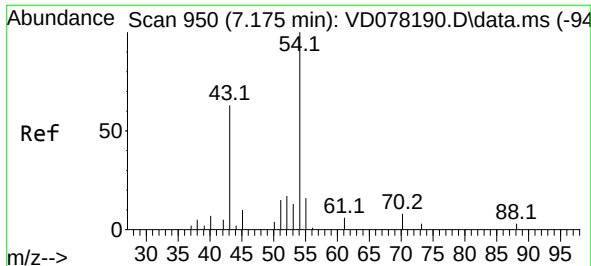
Delta R.T. 0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Tgt Ion:	75	Resp:	13309
Ion Ratio	Lower	Upper	
75	100		
110	36.5	19.9	59.6
77	32.1	24.7	37.1





#37

Ethyl Acetate

Concen: 5.257 ug/l

RT: 7.175 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078221.D

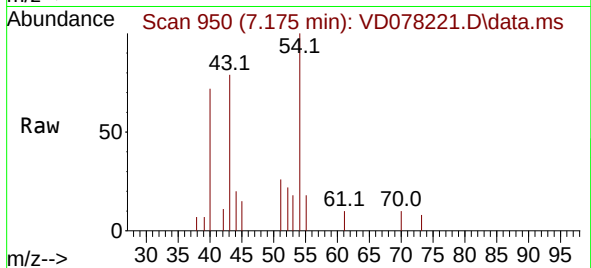
Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

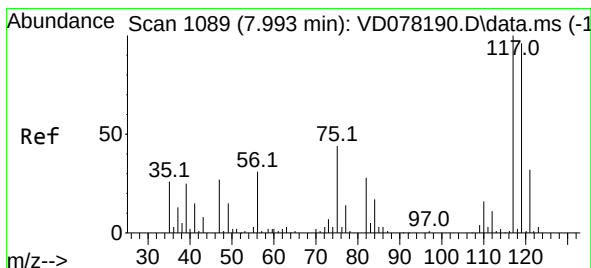
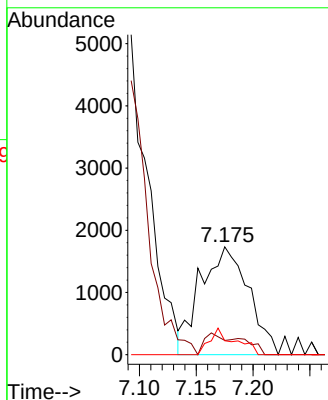
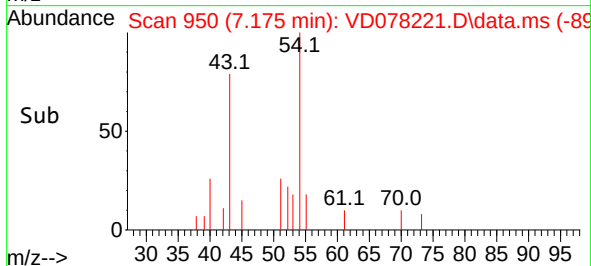
LOQ-SOIL-02-QT1-2024



Tgt Ion: 43	Resp: 5098
Ion Ratio	Lower Upper
43	100
61	15.3 14.9 22.3
70	12.8 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: 5.088 ug/l

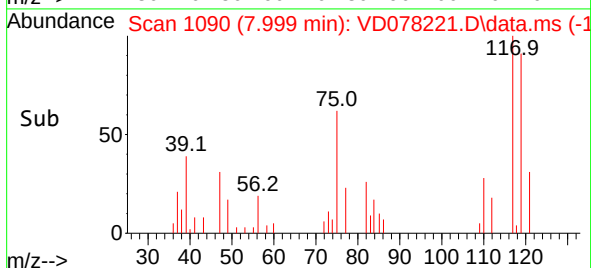
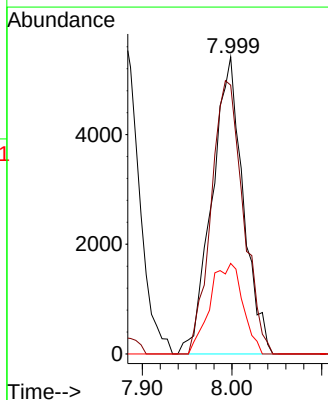
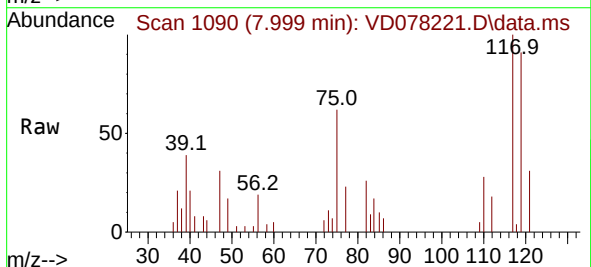
RT: 7.999 min Scan# 1090

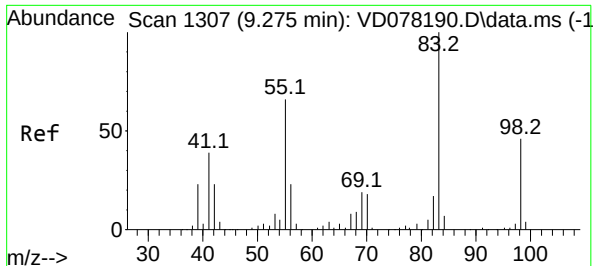
Delta R.T. 0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Tgt Ion:117	Resp: 13091
Ion Ratio	Lower Upper
117	100
119	90.5 78.0 117.0
121	30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 5.198 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

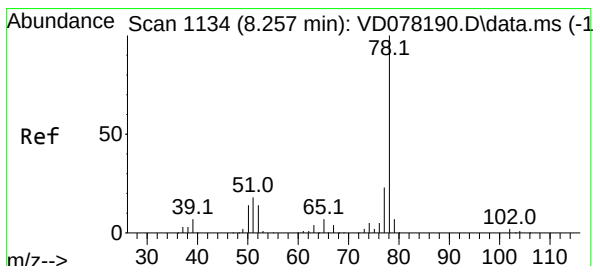
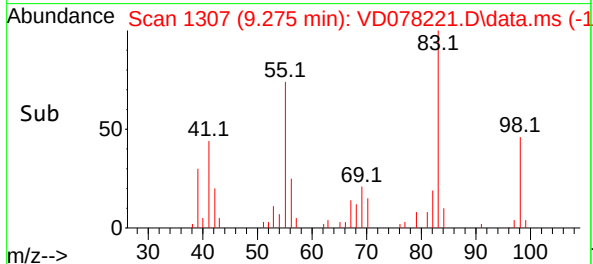
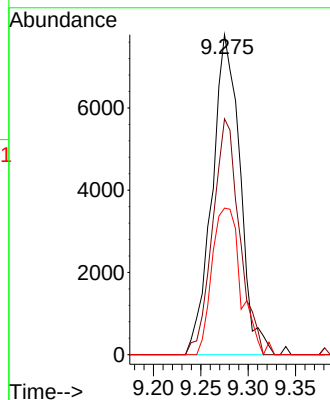
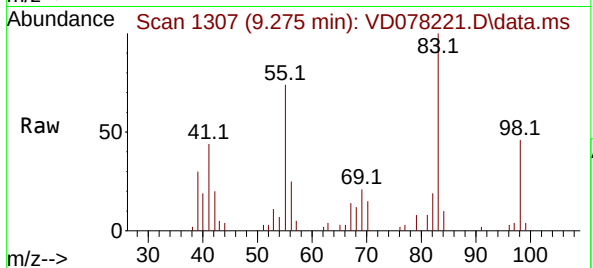
LOQ-SOIL-02-QT1-2024

Tgt Ion: 83	Resp: 16014
Ion Ratio	Lower Upper
83	100
55	73.7 49.4 74.0
98	45.8 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#40

Benzene

Concen: 5.362 ug/l

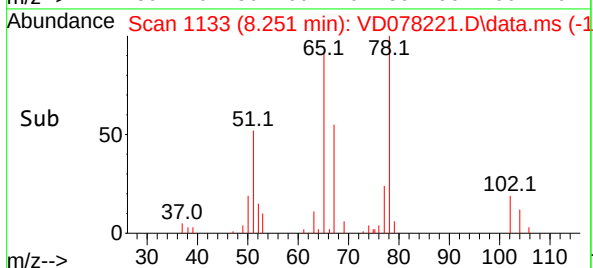
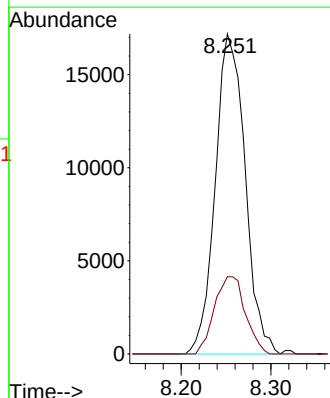
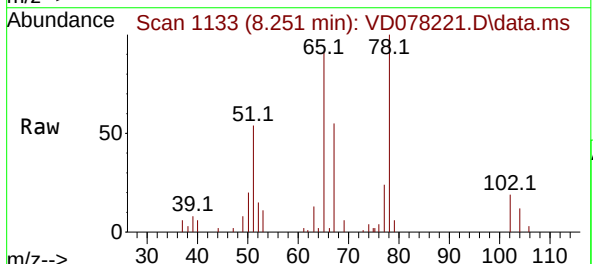
RT: 8.251 min Scan# 1133

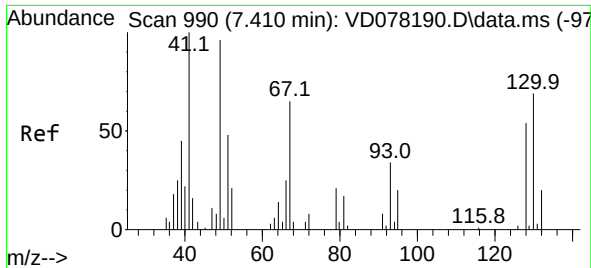
Delta R.T. -0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

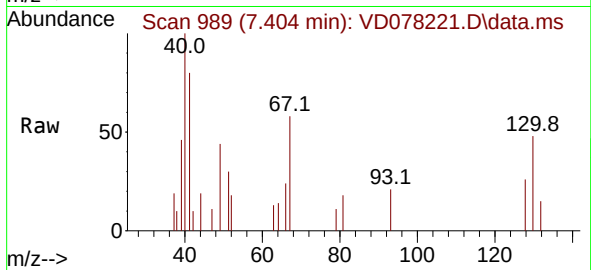
Tgt Ion: 78	Resp: 39637
Ion Ratio	Lower Upper
78	100
77	24.1 19.4 29.0





#41
Methacrylonitrile
Concen: 4.312 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

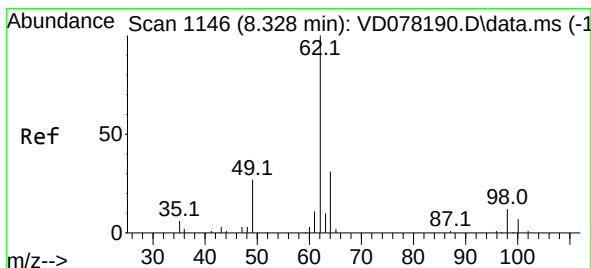
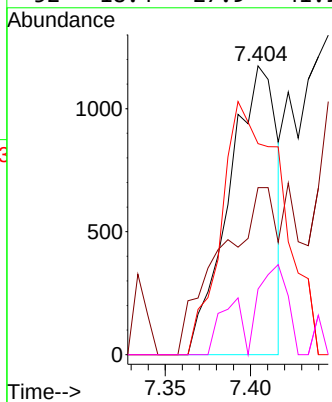
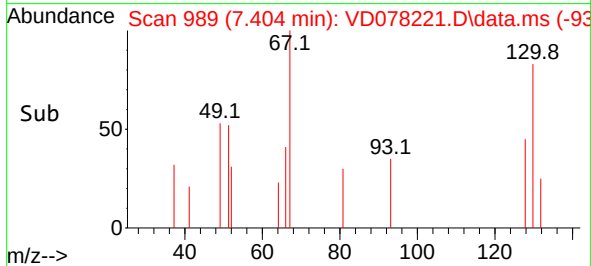
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 41 Resp: 2290
Ion Ratio Lower Upper
41 100
39 92.6 34.0 51.0
67 0.0 77.0 115.4
52 18.4 27.9 41.9#

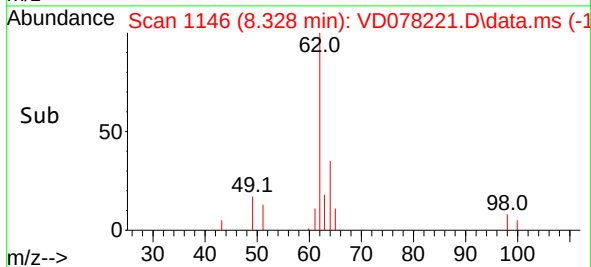
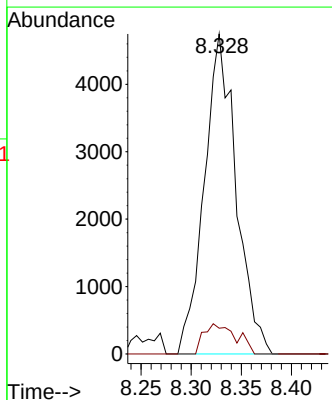
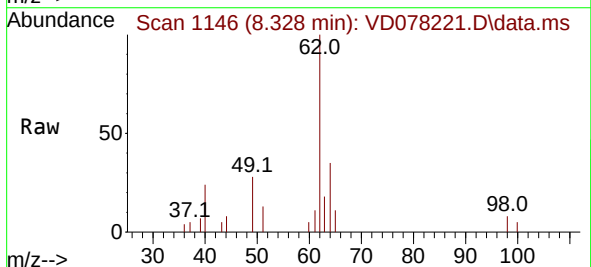
Manual Integrations
APPROVED

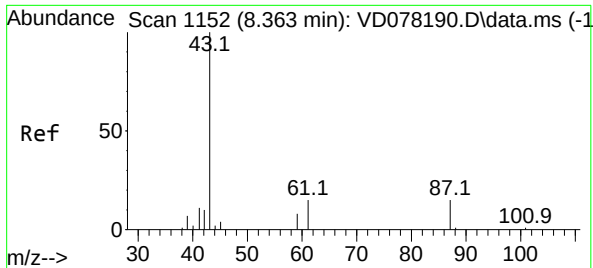
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#42
1,2-Dichloroethane
Concen: 5.450 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Tgt Ion: 62 Resp: 10482
Ion Ratio Lower Upper
62 100
98 9.6 0.0 25.4





#43

Isopropyl Acetate

Concen: 4.997 ug/l

RT: 8.369 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

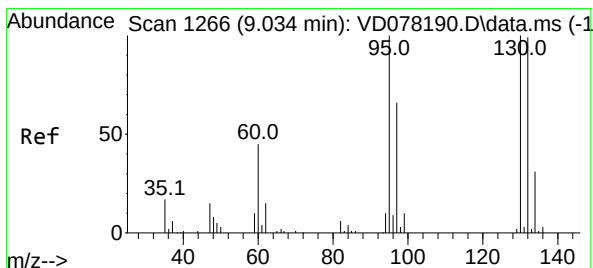
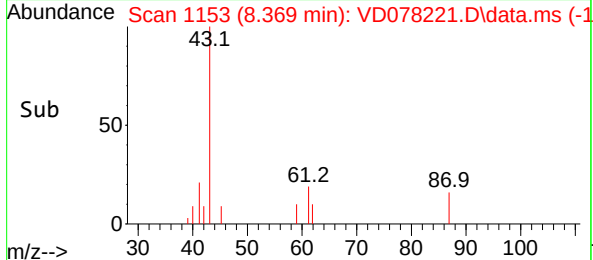
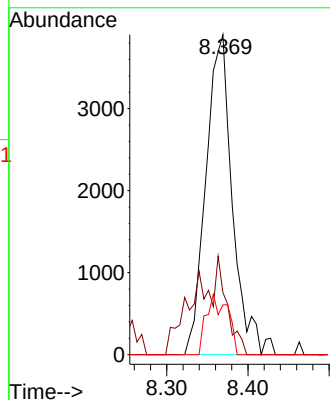
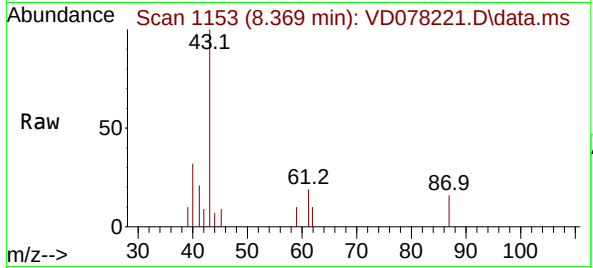
LOQ-SOIL-02-QT1-2024

Tgt Ion: 43	Resp: 8878
Ion Ratio	Lower Upper
43 100	
61 13.0	31.4 47.0
87 15.1	14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#44

Trichloroethene

Concen: 5.144 ug/l

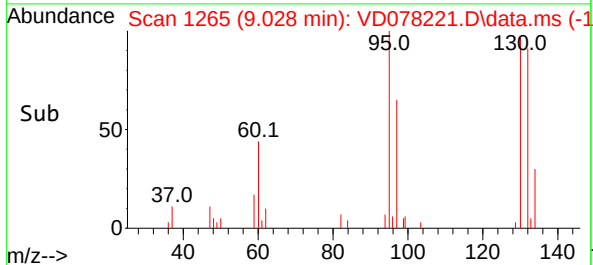
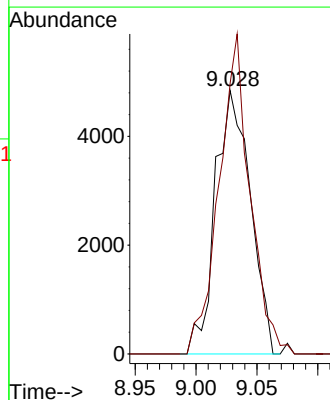
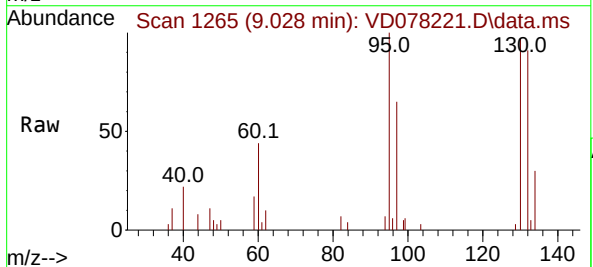
RT: 9.028 min Scan# 1265

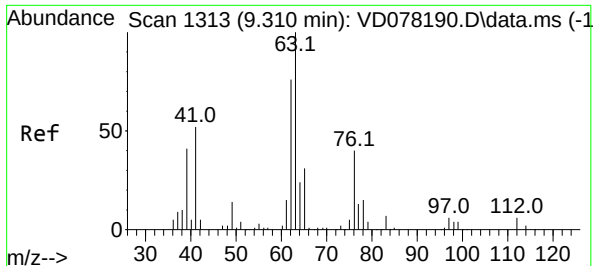
Delta R.T. -0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Tgt Ion:130	Resp: 9728
Ion Ratio	Lower Upper
130 100	
95 102.7	0.0 179.2





#45

1,2-Dichloropropane

Concen: 5.667 ug/l

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 63 Resp: 1039

Ion Ratio Lower Upper

63 100

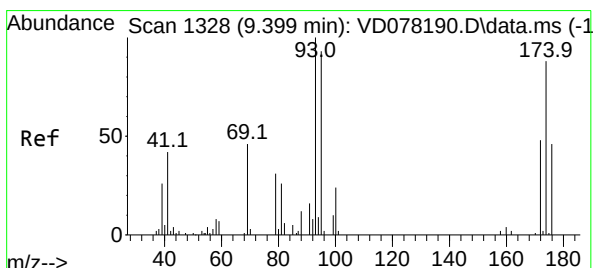
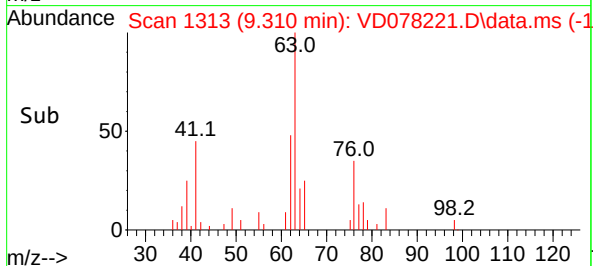
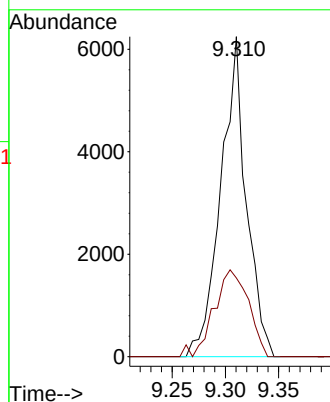
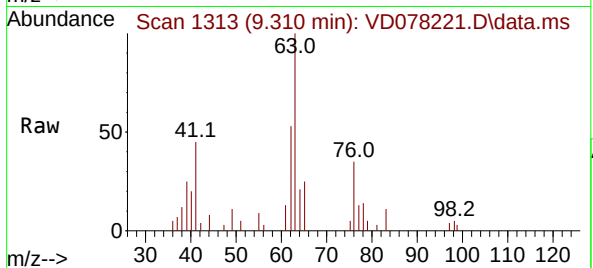
65 24.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#46

Dibromomethane

Concen: 5.058 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

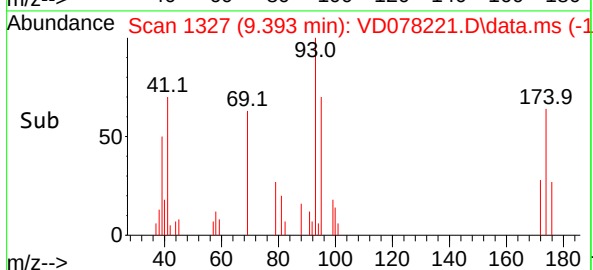
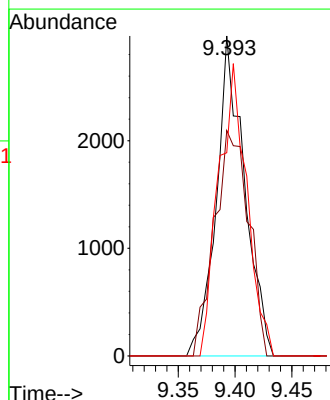
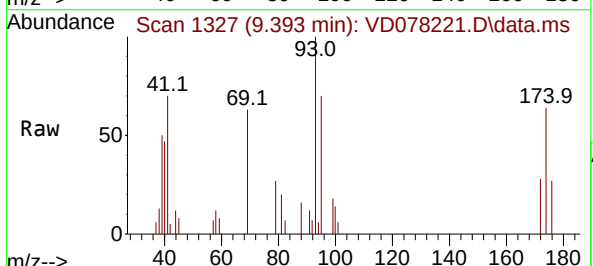
Tgt Ion: 93 Resp: 5095

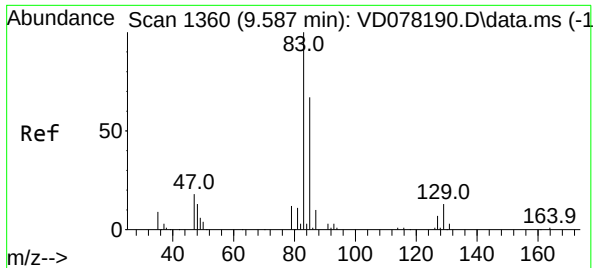
Ion Ratio Lower Upper

93 100

95 86.1 67.7 101.5

174 92.1 85.4 128.2





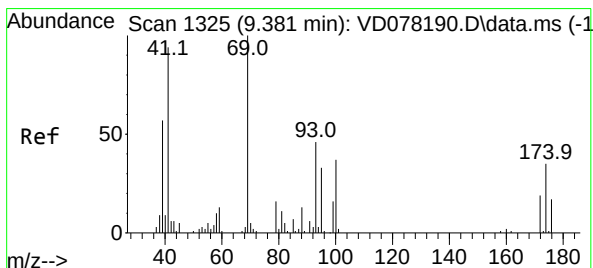
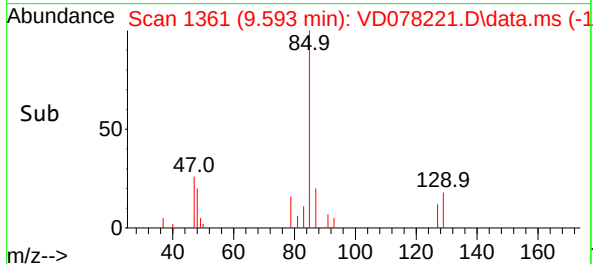
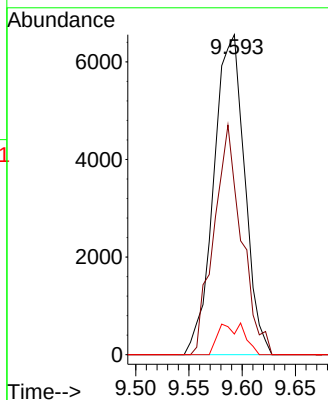
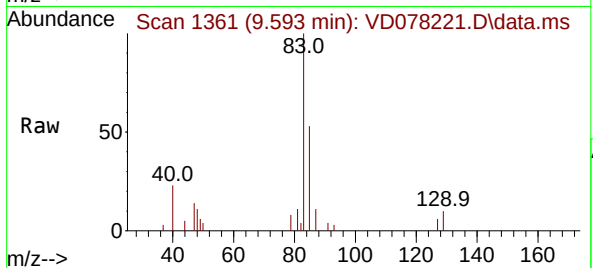
#47
Bromodichloromethane
Concen: 5.214 ug/l
RT: 9.593 min Scan# 1361
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Instrument : MSVOA_D
ClientSampleId : VD078221.D
LOQ-SOIL-02-QT1-2024

Tgt Ion: 83 Resp: 13194
Ion Ratio Lower Upper
83 100
85 52.9 50.2 75.4
127 6.5 6.3 9.5

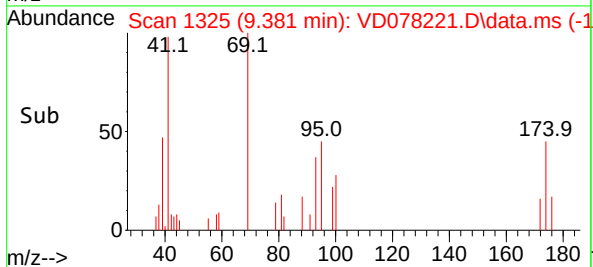
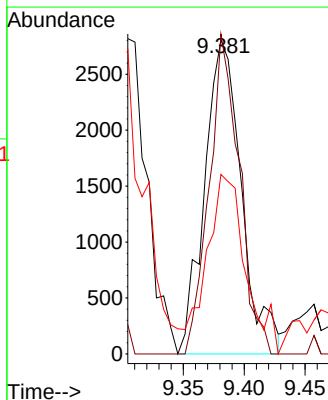
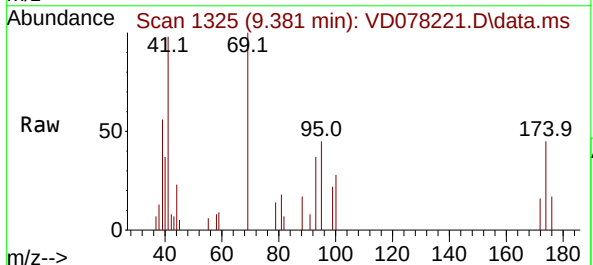
Manual Integrations
APPROVED

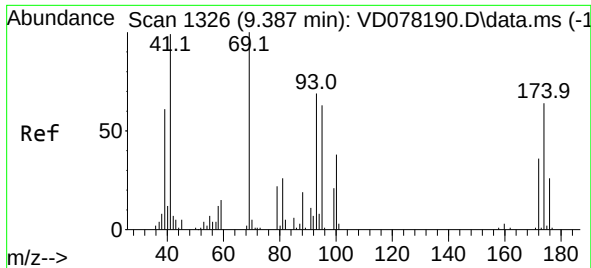
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#48
Methyl methacrylate
Concen: 5.772 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Tgt Ion: 41 Resp: 5937
Ion Ratio Lower Upper
41 100
69 82.9 102.2 153.2#
39 58.8 41.4 62.2





#49

1,4-Dioxane

Concen: 90.176 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

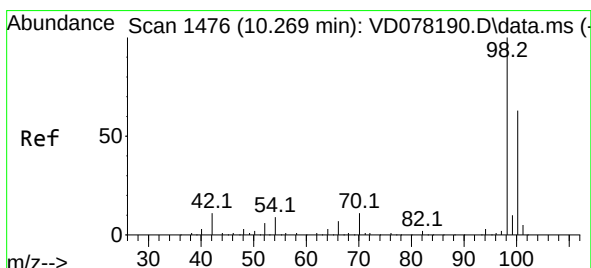
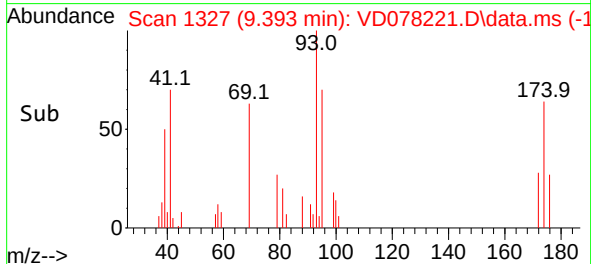
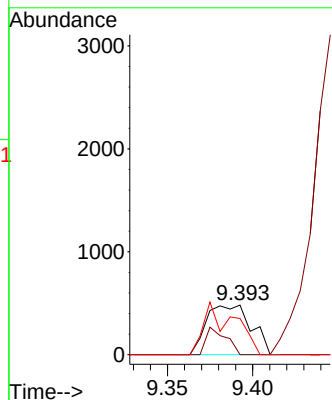
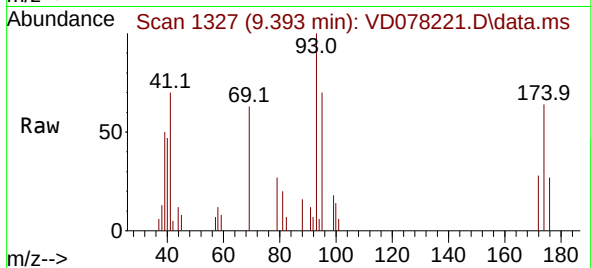
Tgt Ion: 88 Resp: 879

Ion	Ratio	Lower	Upper
88	100		
43	24.5	19.0	28.6
58	73.2	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: 47.075 ug/l

RT: 10.275 min Scan# 1477

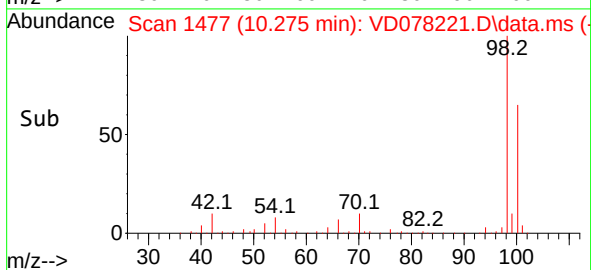
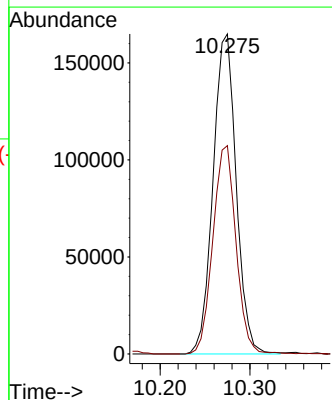
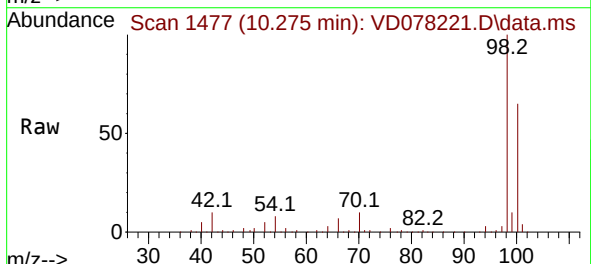
Delta R.T. 0.006 min

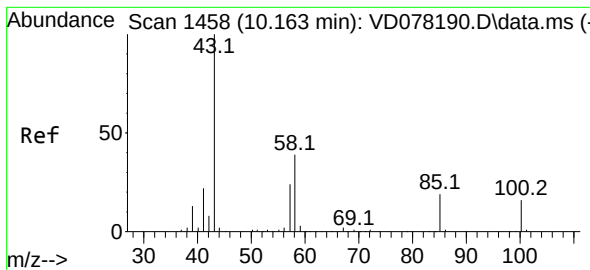
Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Tgt Ion: 98 Resp: 295277

Ion	Ratio	Lower	Upper
98	100		
100	65.1	50.3	75.5





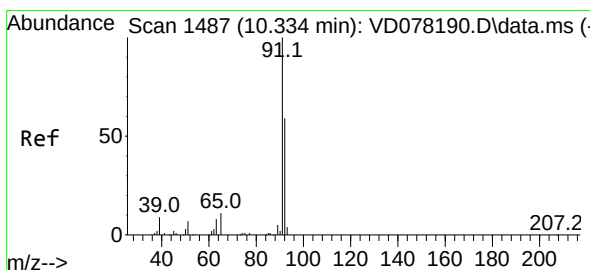
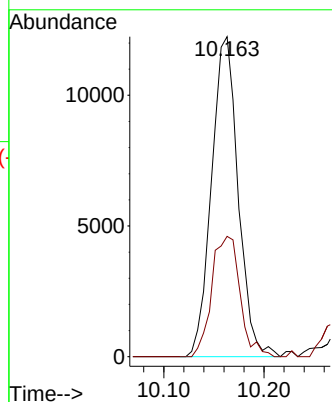
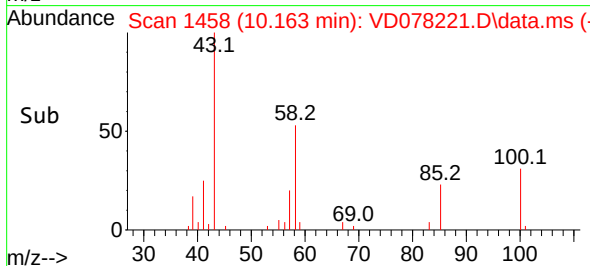
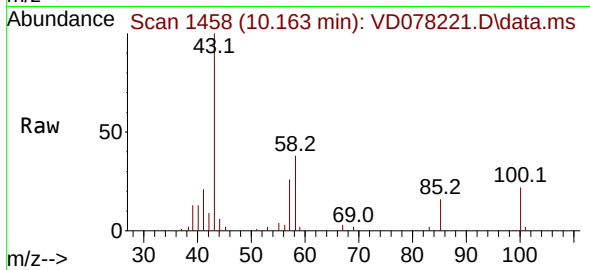
#51
4-Methyl-2-Pentanone
Concen: 24.197 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024

Tgt Ion: 43 Resp: 2259
Ion Ratio Lower Upper
43 100
58 39.9 38.9 58.3

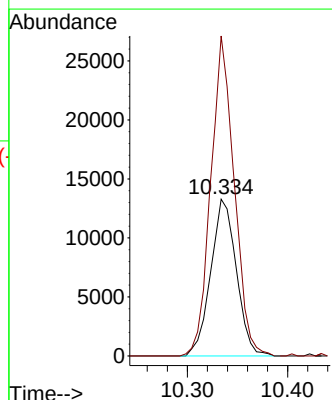
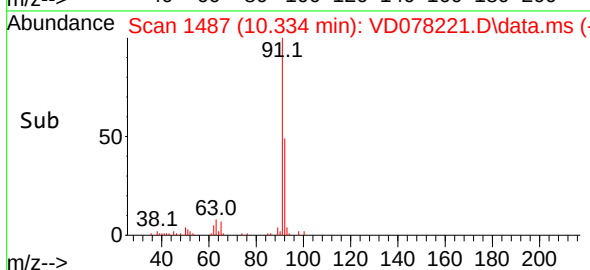
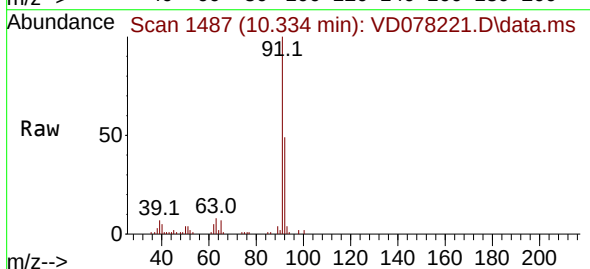
Manual Integrations
APPROVED

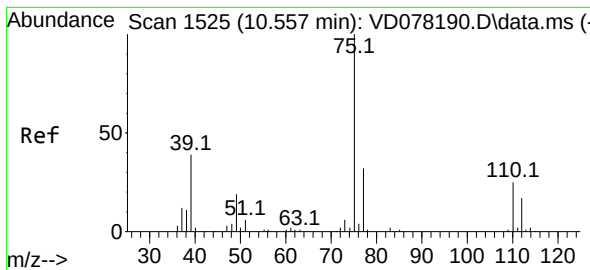
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#52
Toluene
Concen: 5.041 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

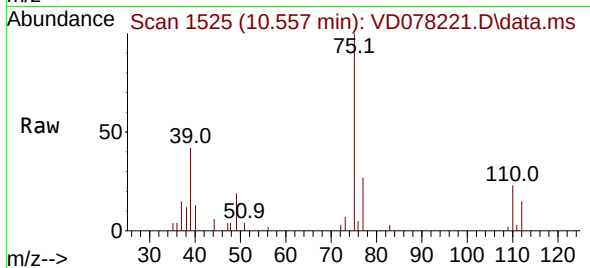
Tgt Ion: 92 Resp: 23621
Ion Ratio Lower Upper
92 100
91 186.8 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 5.209 ug/l
RT: 10.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

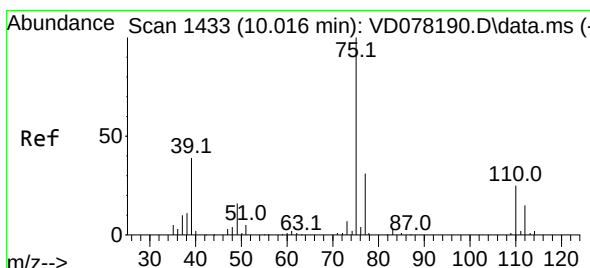
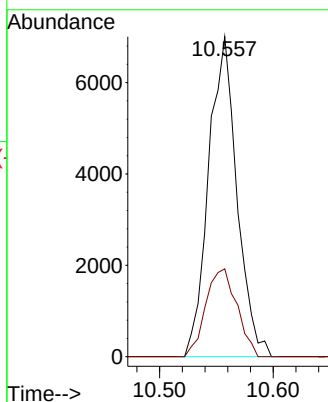
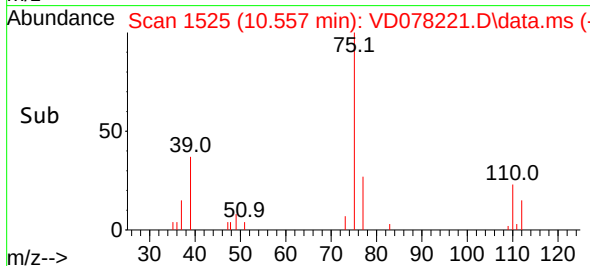
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024



Tgt Ion: 75 Resp: 1216
Ion Ratio Lower Upper
75 100
77 27.5 25.3 37.9

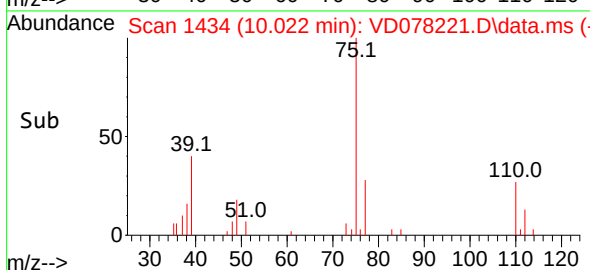
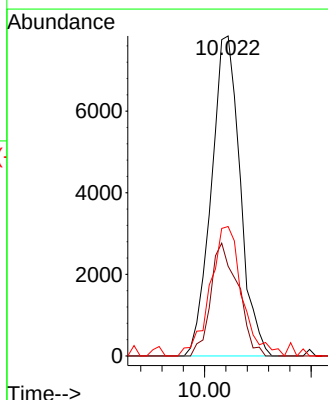
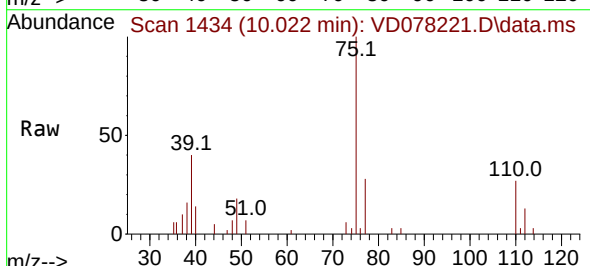
Manual Integrations
APPROVED

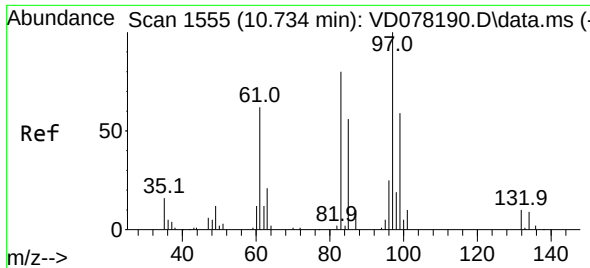
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#54
cis-1,3-Dichloropropene
Concen: 5.261 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

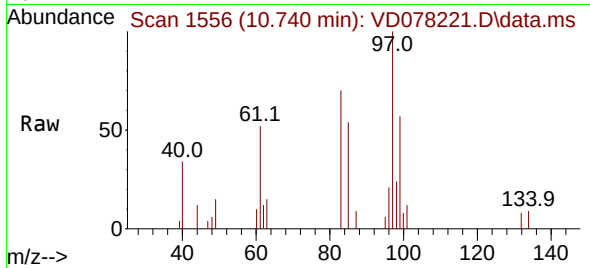
Tgt Ion: 75 Resp: 14725
Ion Ratio Lower Upper
75 100
77 28.1 25.5 38.3
39 40.5 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 5.581 ug/l
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

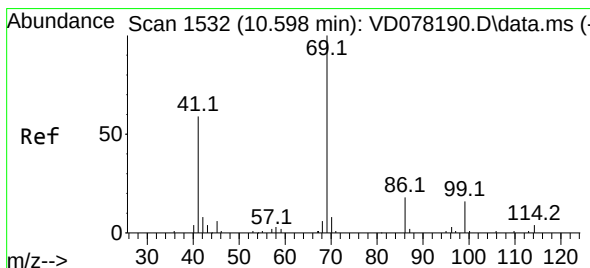
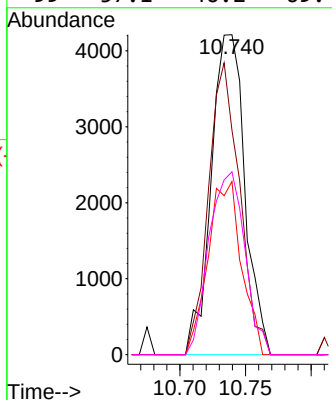
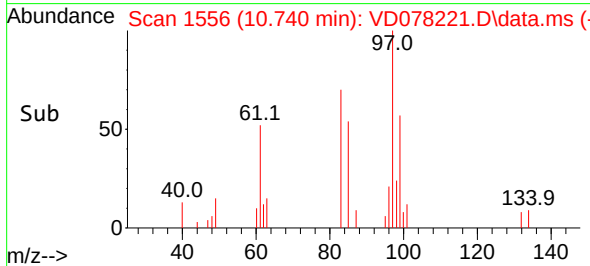
Instrument : MSVOA_D
ClientSampleId : VD078221.D
LOQ-SOIL-02-QT1-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	70.1	65.8	98.6
85	54.1	45.7	68.5
99	57.1	46.2	69.4

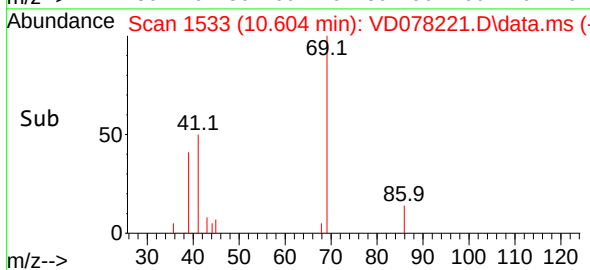
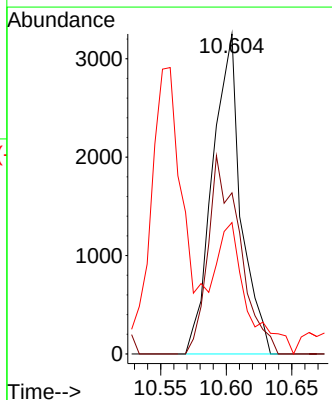
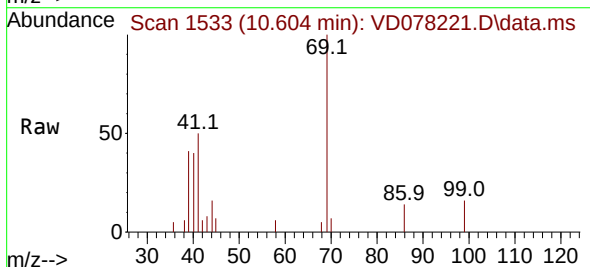
Manual Integrations
APPROVED

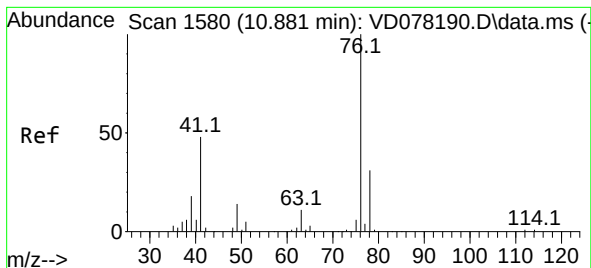
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#56
Ethyl methacrylate
Concen: 4.464 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.8	39.1	58.7#
39	42.6	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 5.120 ug/l

RT: 10.887 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 76 Resp: 1180

Ion Ratio Lower Upper

76 100

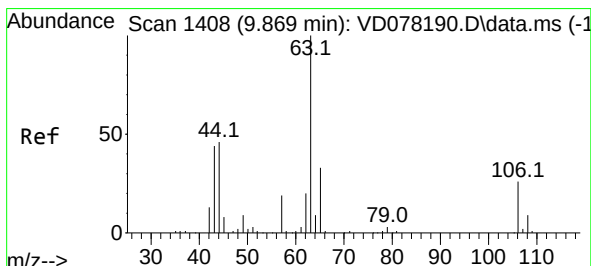
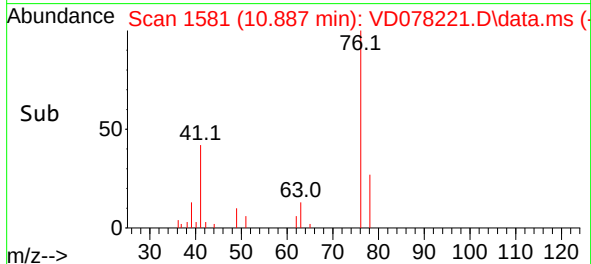
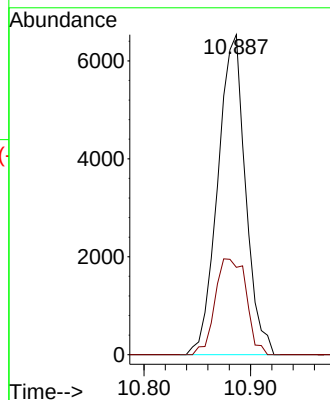
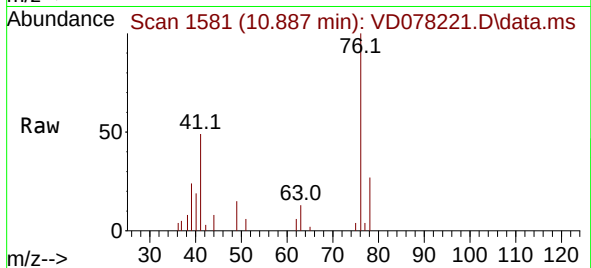
78 33.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 19.042 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078221.D

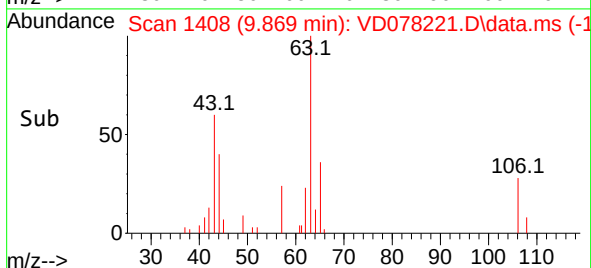
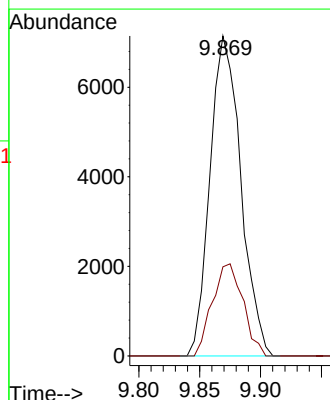
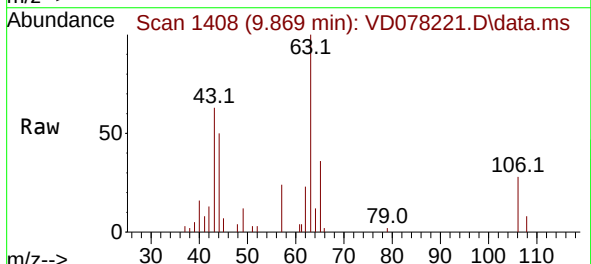
Acq: 24 Jan 2024 14:26

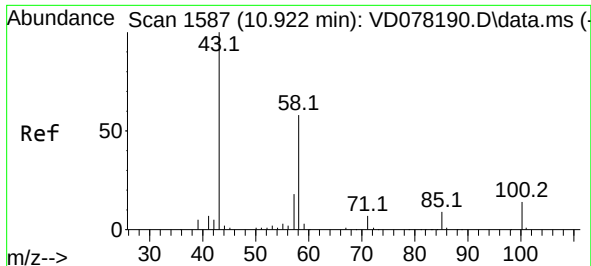
Tgt Ion: 63 Resp: 12592

Ion Ratio Lower Upper

63 100

106 28.6 25.3 37.9





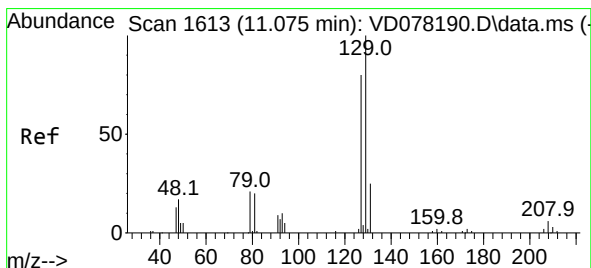
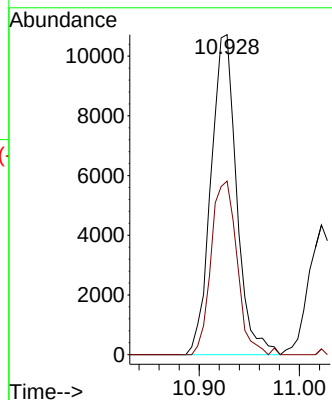
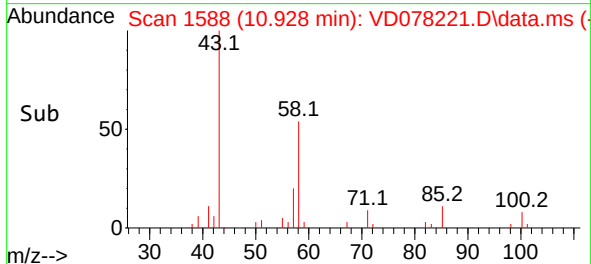
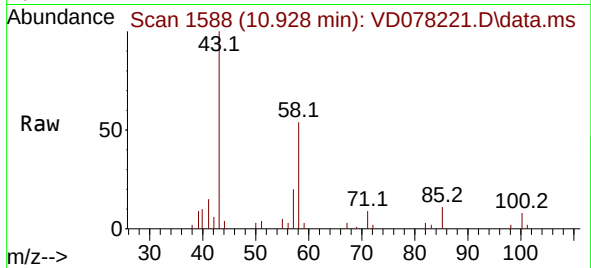
#59
2-Hexanone
Concen: 25.141 ug/l
RT: 10.928 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion: 43 Resp: 19074
Ion Ratio Lower Upper
43 100
58 54.4 34.1 102.2

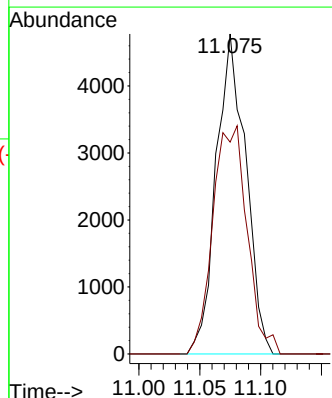
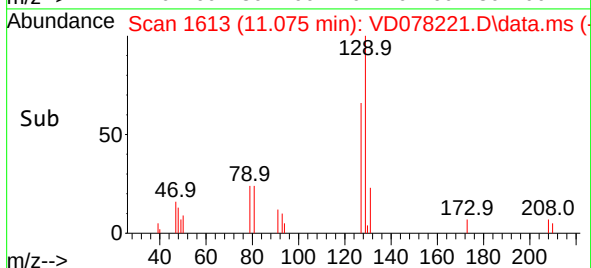
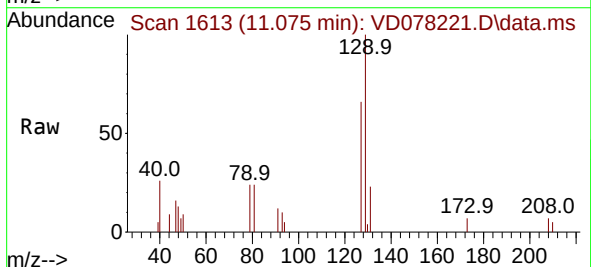
Manual Integrations
APPROVED

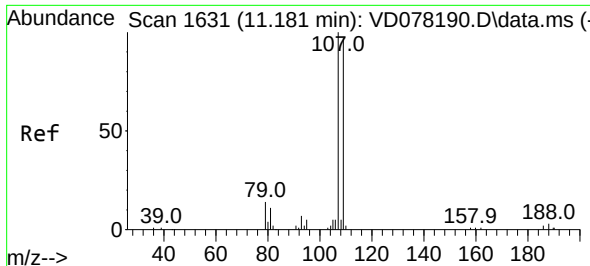
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#60
Dibromochloromethane
Concen: 5.082 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

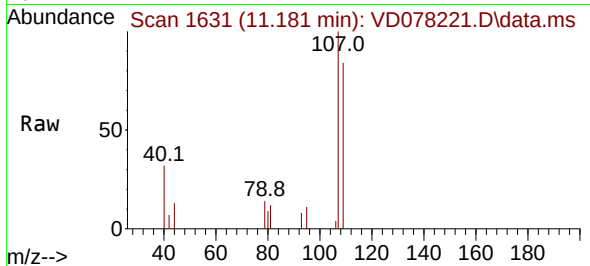
Tgt Ion:129 Resp: 8077
Ion Ratio Lower Upper
129 100
127 82.5 37.1 111.5





#61
1,2-Dibromoethane
Concen: 5.114 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

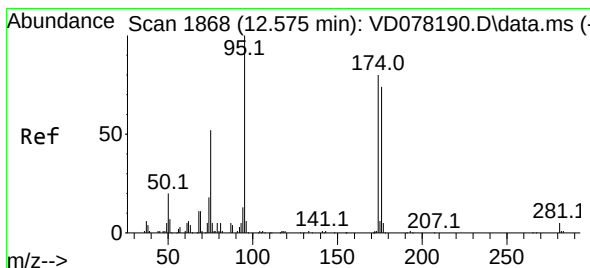
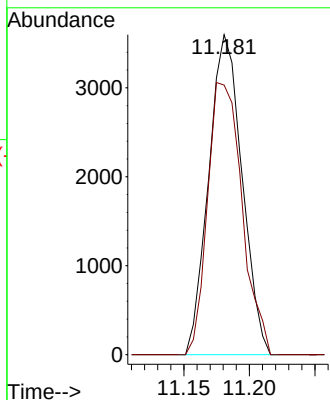
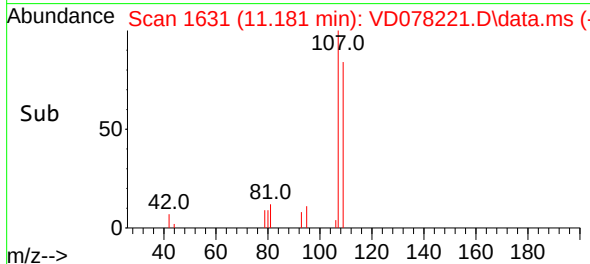
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



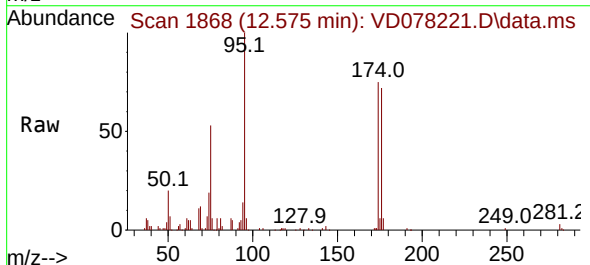
Tgt Ion:107 Resp: 6354
Ion Ratio Lower Upper
107 100
109 87.9 75.6 113.4

Manual Integrations
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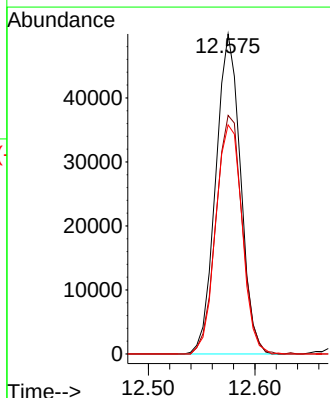
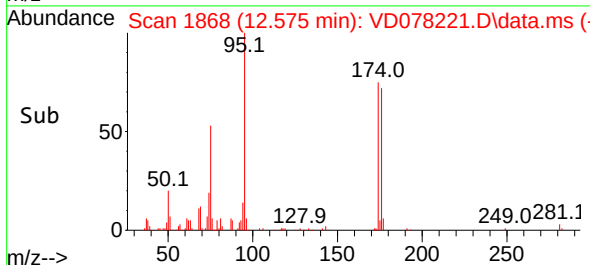
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

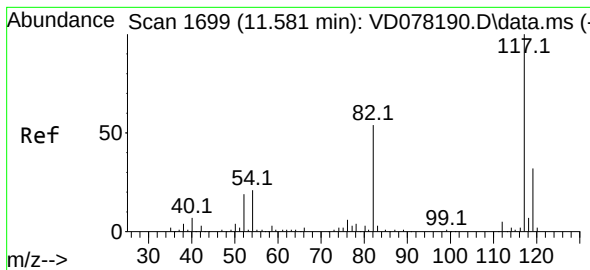


#62
4-Bromofluorobenzene
Concen: 44.341 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26



Tgt Ion: 95 Resp: 80659
Ion Ratio Lower Upper
95 100
174 79.0 0.0 201.8
176 76.2 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: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

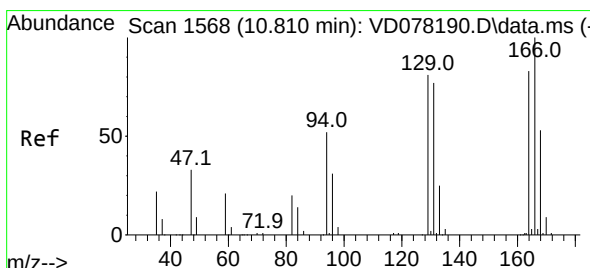
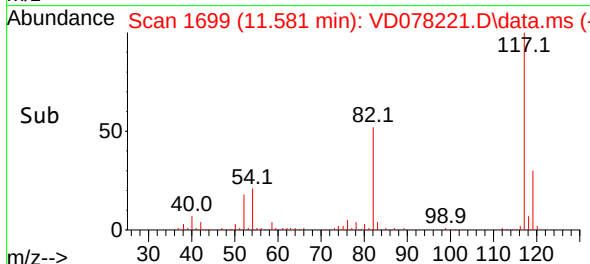
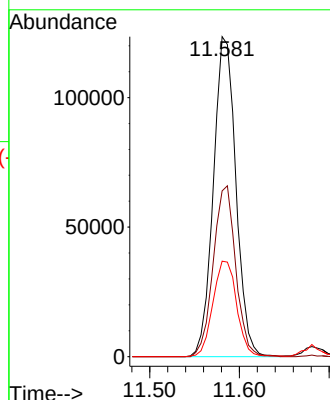
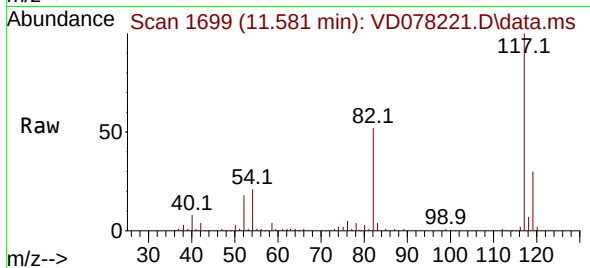
Tgt Ion:117 Resp: 215428

Ion	Ratio	Lower	Upper
117	100		
82	51.8	38.3	57.5
119	29.8	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#64

Tetrachloroethene

Concen: 5.278 ug/l

RT: 10.810 min Scan# 1568

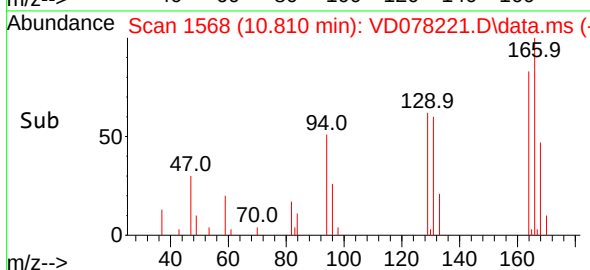
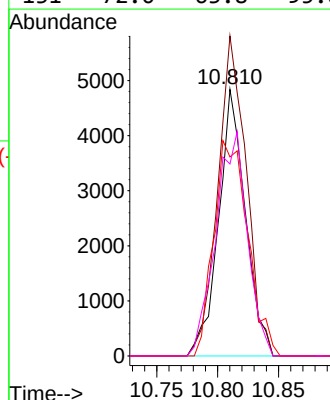
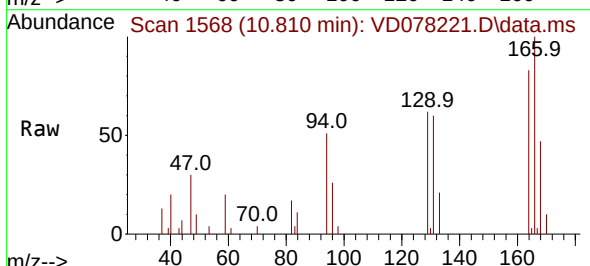
Delta R.T. -0.000 min

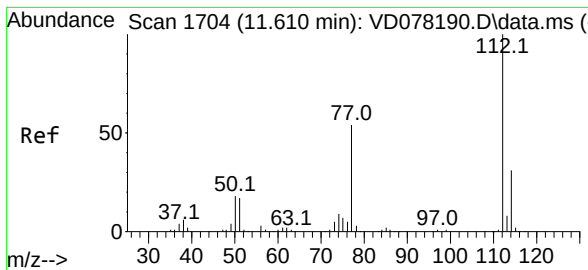
Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Tgt Ion:164 Resp: 7435

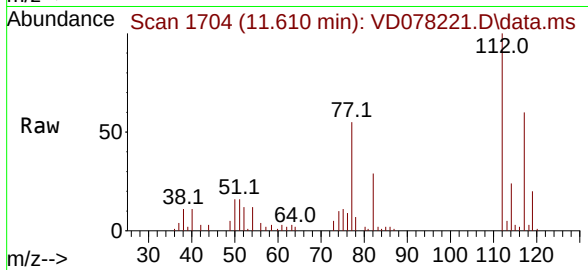
Ion	Ratio	Lower	Upper
164	100		
166	120.0	99.2	148.8
129	74.6	68.4	102.6
131	72.0	63.8	95.8





#65
Chlorobenzene
Concen: 5.247 ug/l
RT: 11.610 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

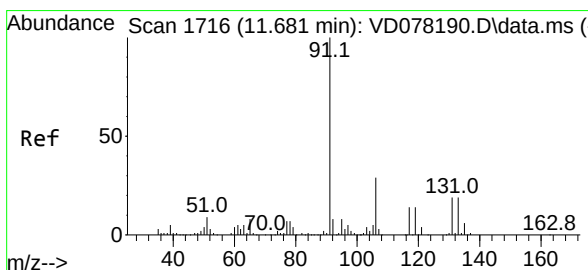
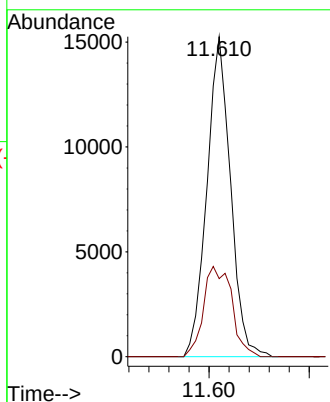
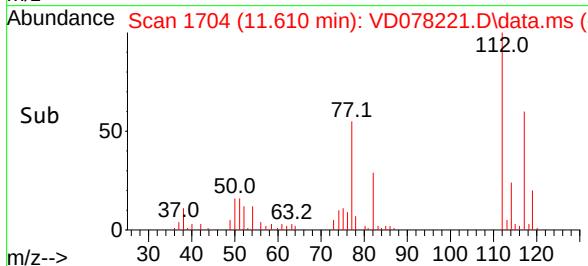
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024



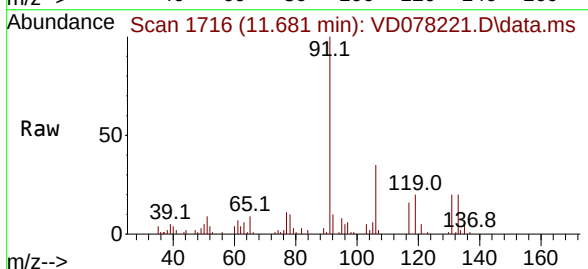
Tgt Ion:112 Resp: 24972
Ion Ratio Lower Upper
112 100
114 24.4 25.1 37.7

Manual Integrations
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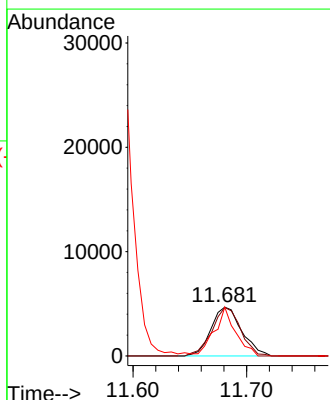
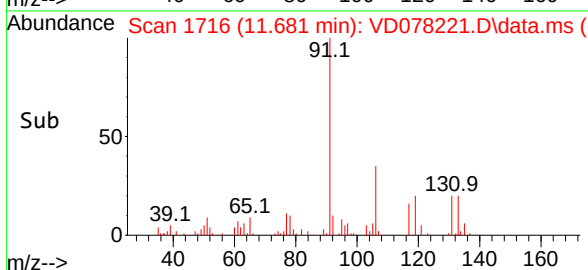
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

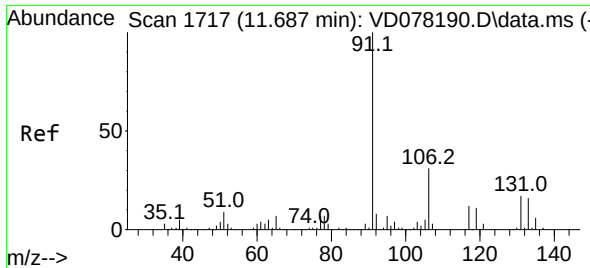


#66
1,1,1,2-Tetrachloroethane
Concen: 5.140 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26



Tgt Ion:131 Resp: 8741
Ion Ratio Lower Upper
131 100
133 92.8 48.5 145.5
119 69.0 35.6 106.9





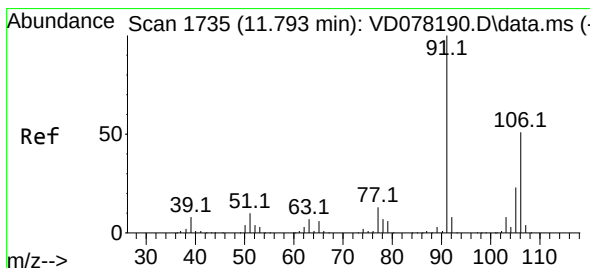
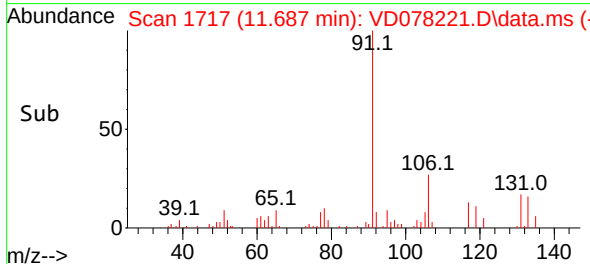
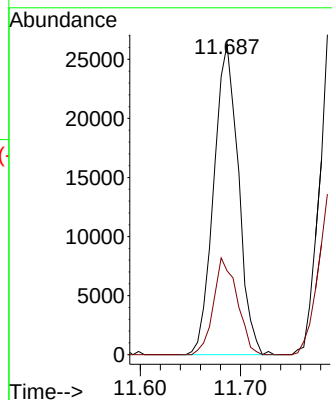
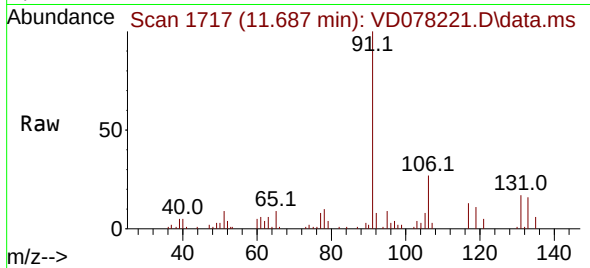
#67
Ethyl Benzene
Concen: 5.185 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion: 91 Resp: 44902
Ion Ratio Lower Upper
91 100
106 27.0 26.5 39.7

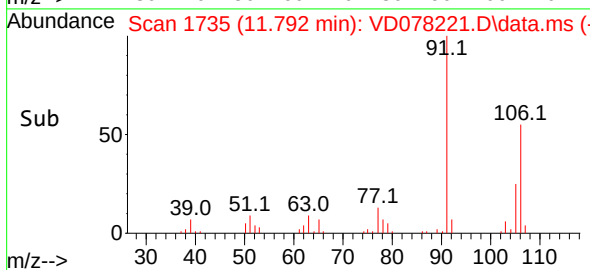
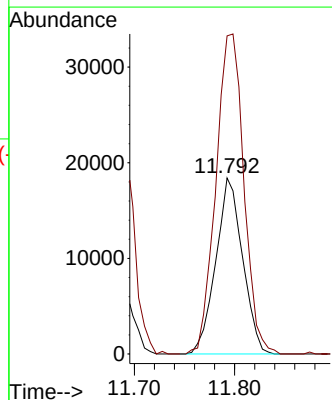
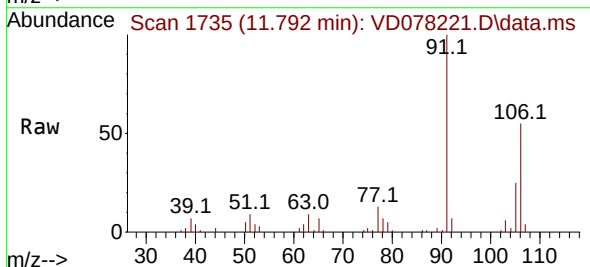
Manual Integrations
APPROVED

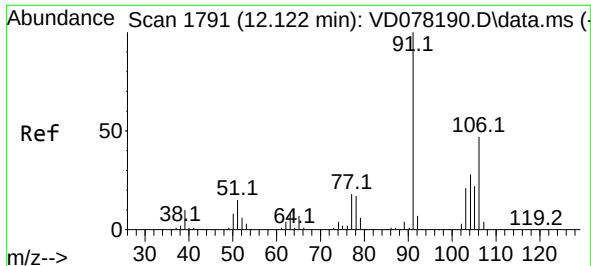
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#68
m/p-Xylenes
Concen: 10.330 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Tgt Ion:106 Resp: 34166
Ion Ratio Lower Upper
106 100
91 189.8 147.0 220.6





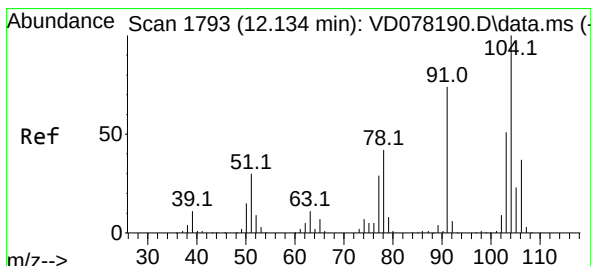
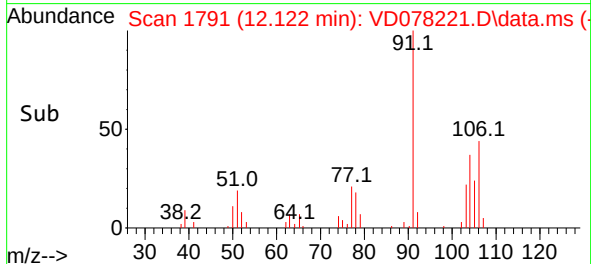
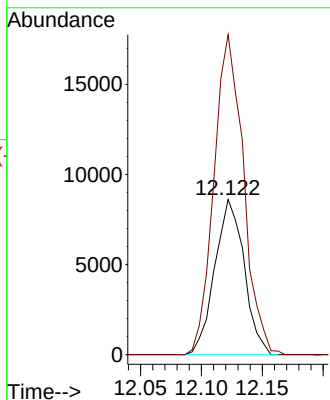
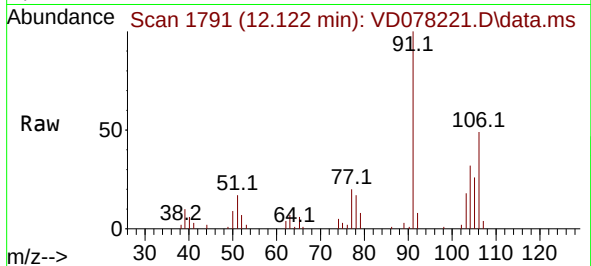
#69
o-Xylene
Concen: 4.811 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024

Tgt Ion:106 Resp: 14440
Ion Ratio Lower Upper
106 100
91 207.7 97.9 293.6

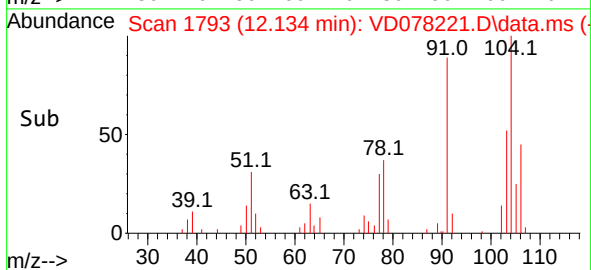
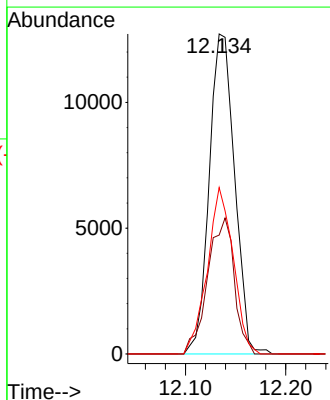
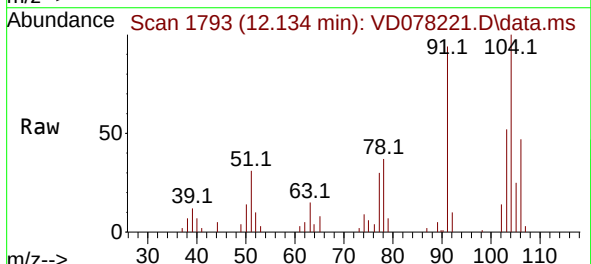
Manual Integrations
APPROVED

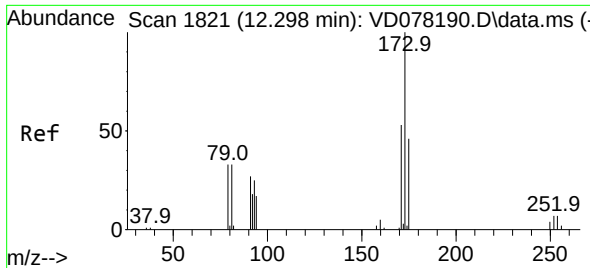
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#70
Styrene
Concen: 4.980 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

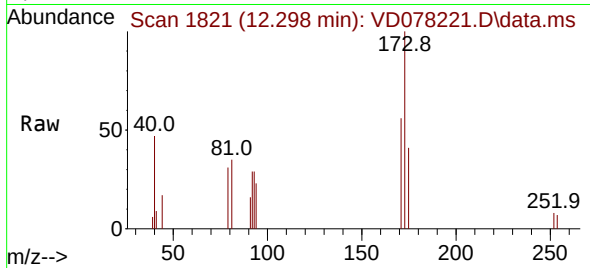
Tgt Ion:104 Resp: 22401
Ion Ratio Lower Upper
104 100
78 44.4 33.2 49.8
103 53.0 43.6 65.4





#71
Bromoform
Concen: 5.170 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

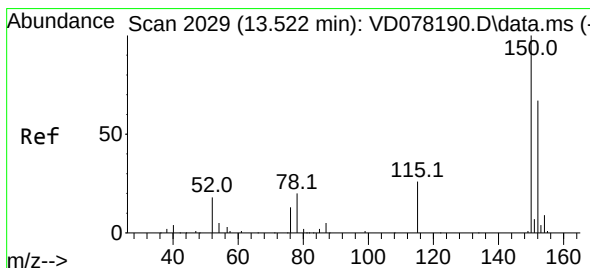
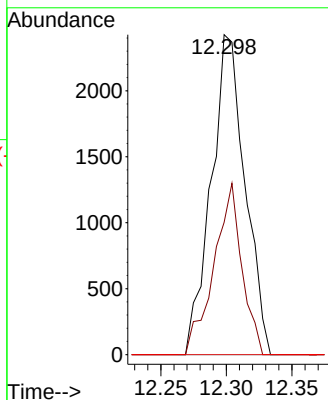
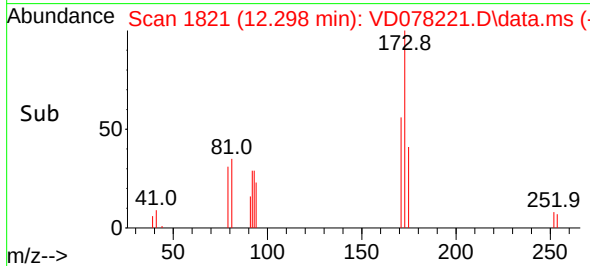
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024



Tgt Ion:173 Resp: 4354
Ion Ratio Lower Upper
173 100
175 44.2 24.6 73.8
254 0.0 0.0 0.0

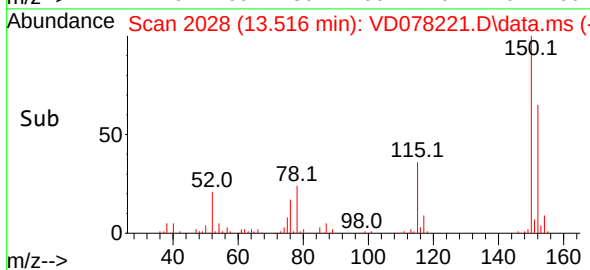
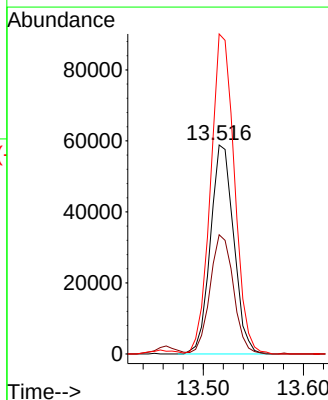
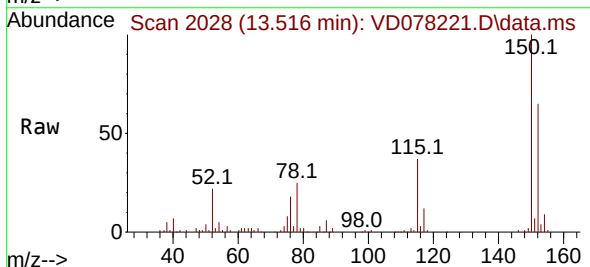
Manual Integrations
APPROVED

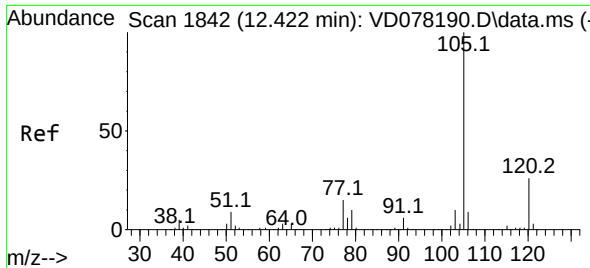
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Tgt Ion:152 Resp: 95074
Ion Ratio Lower Upper
152 100
115 57.1 27.1 81.3
150 156.6 0.0 353.6





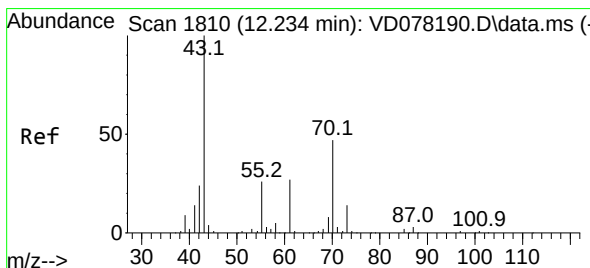
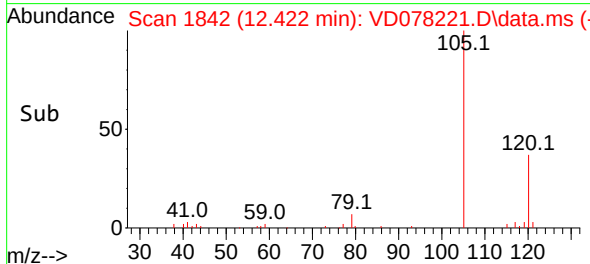
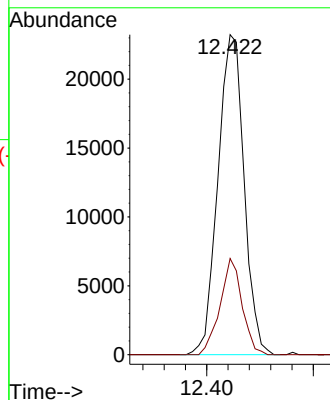
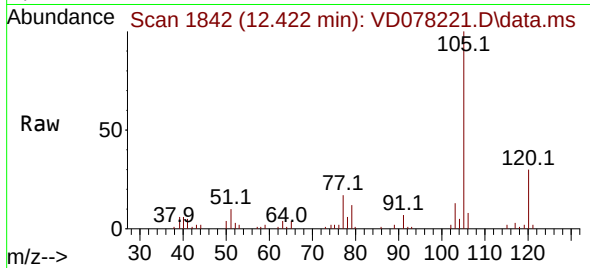
#73
Isopropylbenzene
Concen: 5.283 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024

Tgt Ion:105 Resp: 39492
Ion Ratio Lower Upper
105 100
120 25.3 14.3 42.9

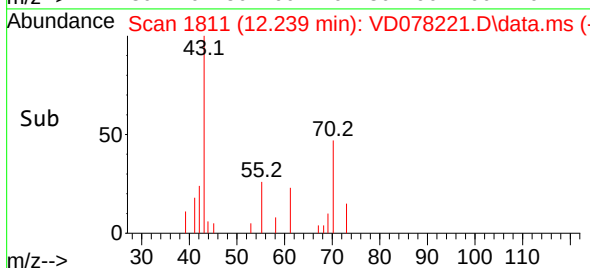
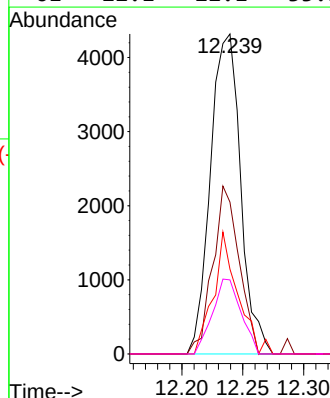
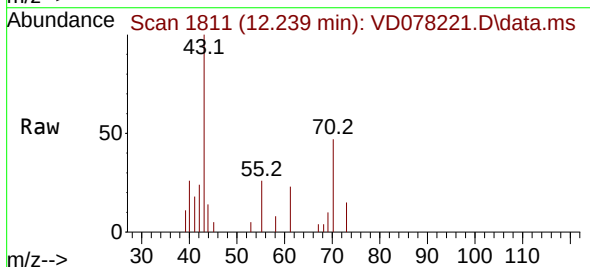
Manual Integrations
APPROVED

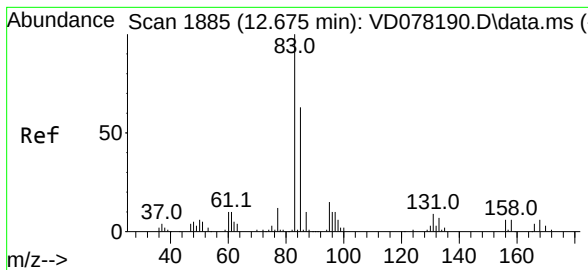
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#74
N-ethyl acetate
Concen: 5.214 ug/l
RT: 12.239 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

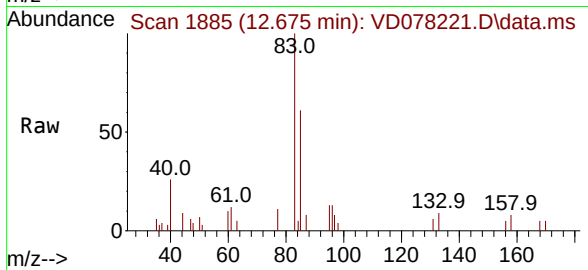
Tgt Ion: 43 Resp: 7457
Ion Ratio Lower Upper
43 100
70 45.8 45.0 67.4
55 31.0 23.8 35.6
61 22.1 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 6.261 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

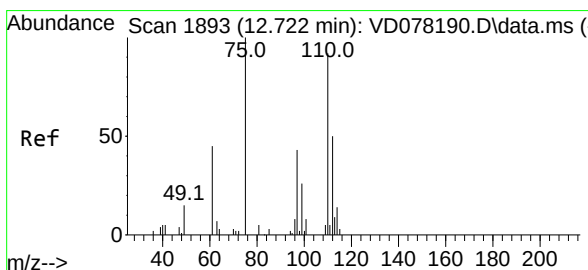
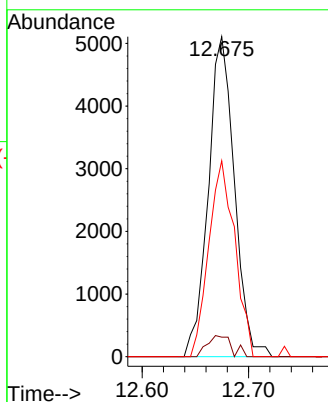
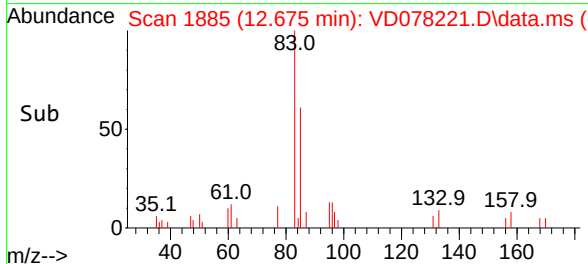
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 83 Resp: 8709
Ion Ratio Lower Upper
83 100
131 6.2 5.1 15.3
85 60.8 32.6 97.8

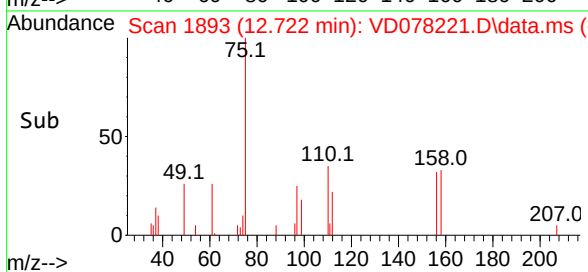
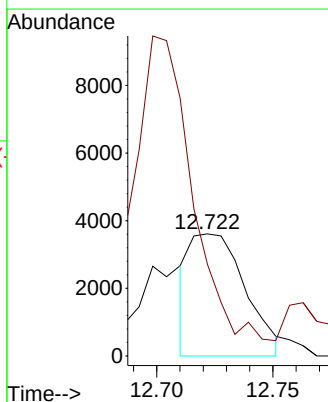
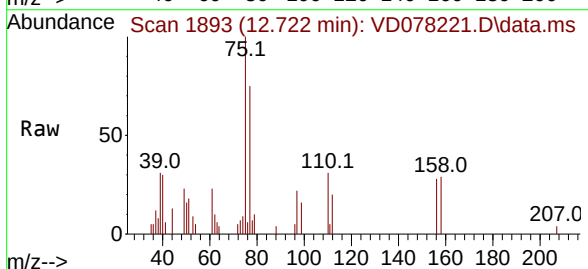
Manual Integrations
APPROVED

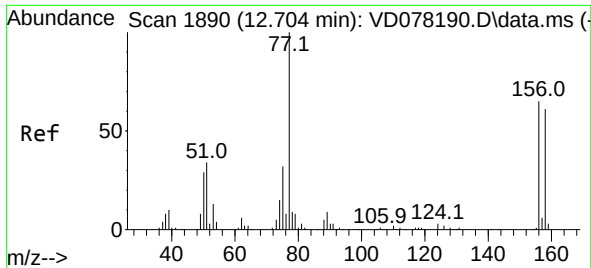
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#76
1,2,3-Trichloropropane
Concen: 6.561 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

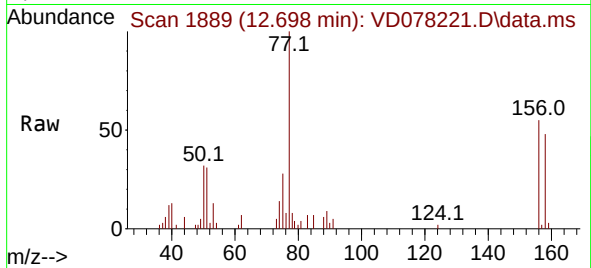
Tgt Ion: 75 Resp: 5983
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 5.317 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

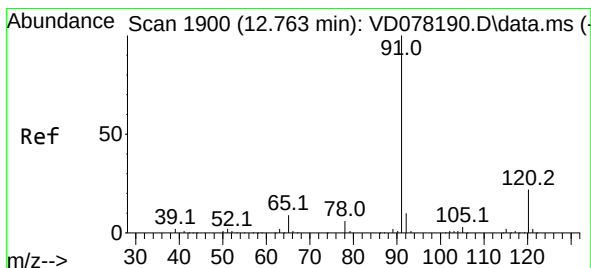
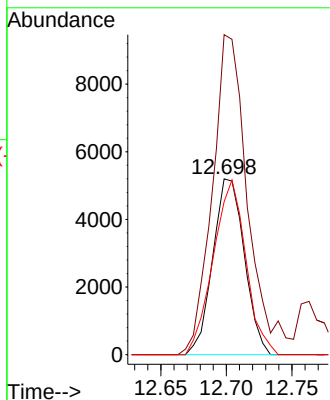
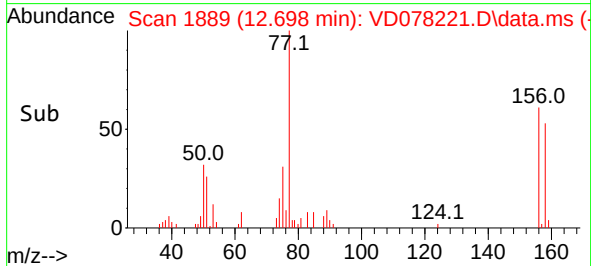
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024



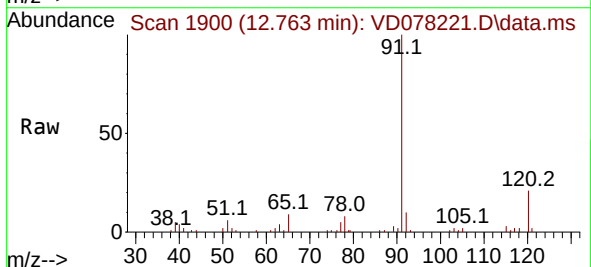
Tgt Ion:156 Resp: 8714
Ion Ratio Lower Upper
156 100
77 204.0 76.8 230.4
158 102.9 48.6 145.9

Manual Integrations
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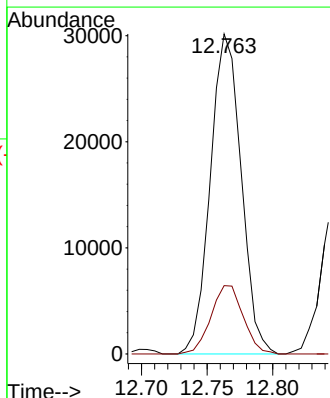
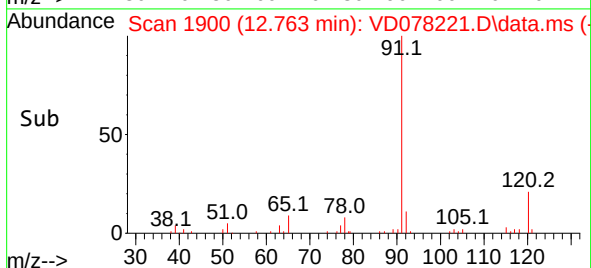
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

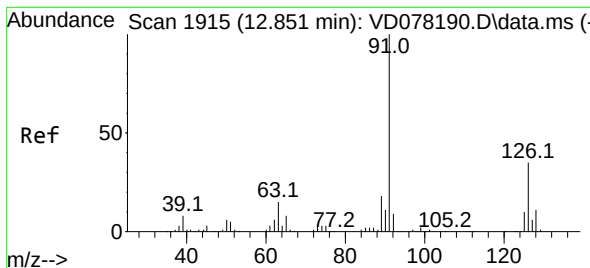


#78
n-propylbenzene
Concen: 5.319 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26



Tgt Ion: 91 Resp: 49317
Ion Ratio Lower Upper
91 100
120 22.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 5.436 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 91 Resp: 2689

Ion Ratio Lower Upper

91 100

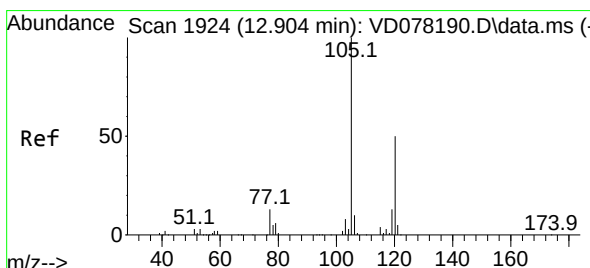
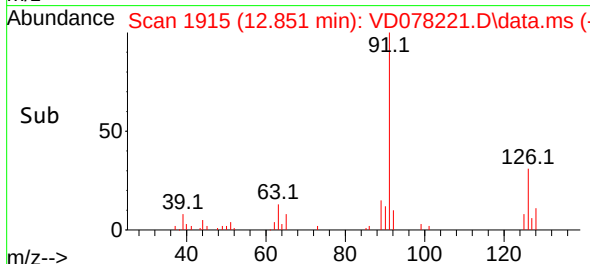
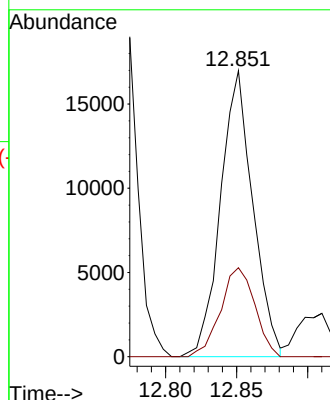
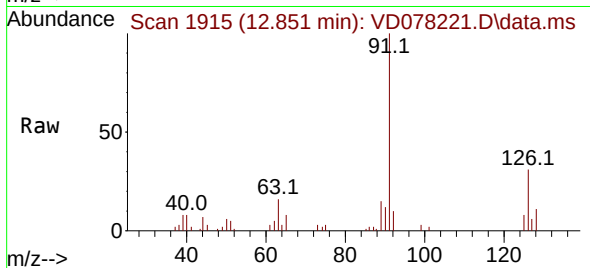
126 32.9 19.4 58.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#80

1,3,5-Trimethylbenzene

Concen: 5.050 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078221.D

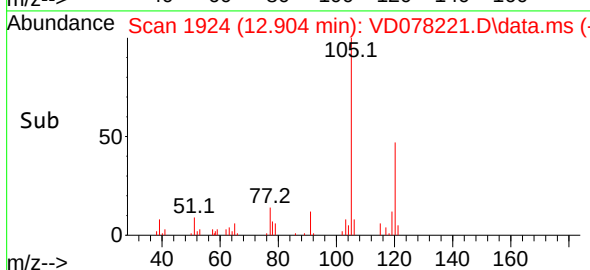
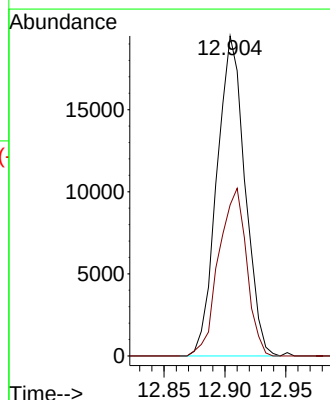
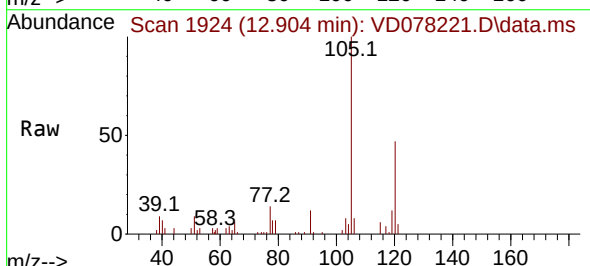
Acq: 24 Jan 2024 14:26

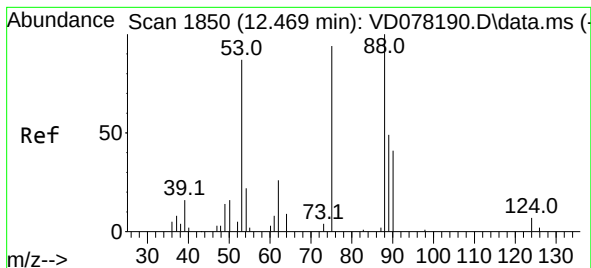
Tgt Ion:105 Resp: 31305

Ion Ratio Lower Upper

105 100

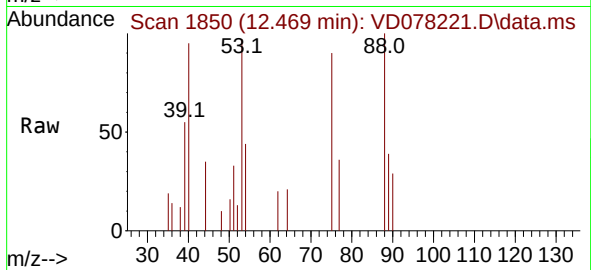
120 52.1 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 5.107 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

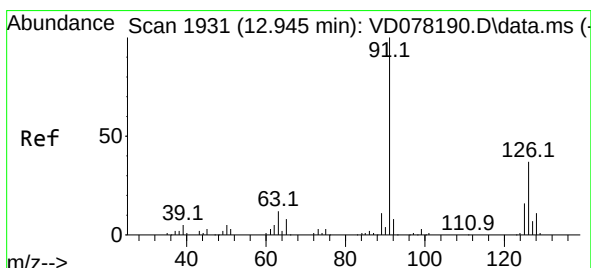
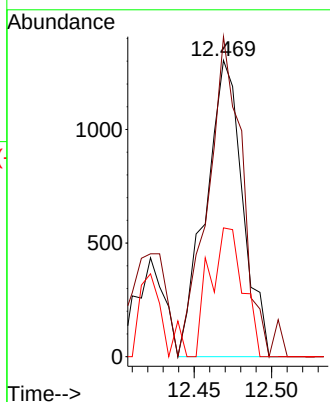
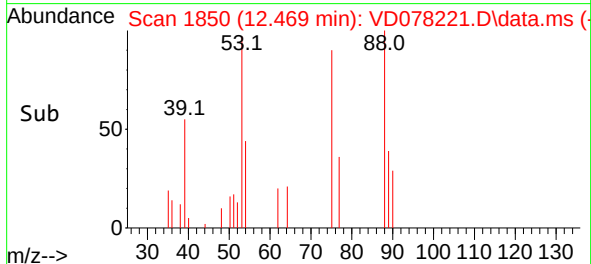
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024



Tgt Ion: 75 Resp: 2162
Ion Ratio Lower Upper
75 100
53 102.7 63.0 94.4
89 39.2 37.9 56.9

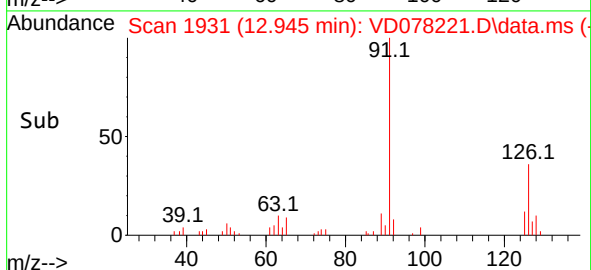
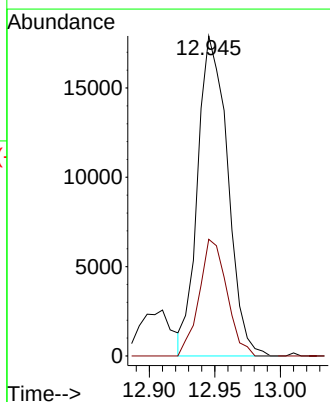
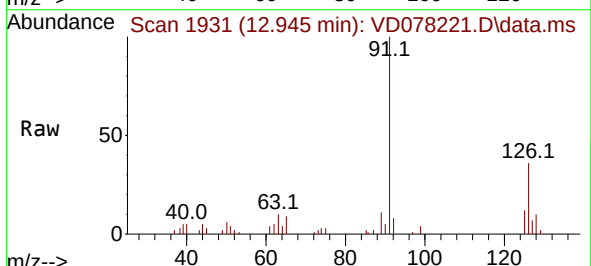
Manual Integrations
APPROVED

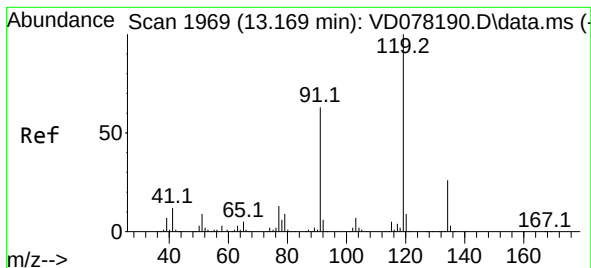
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#82
4-Chlorotoluene
Concen: 5.461 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

Tgt Ion: 91 Resp: 28481
Ion Ratio Lower Upper
91 100
126 33.7 19.4 58.4





#83

tert-Butylbenzene

Concen: 5.032 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

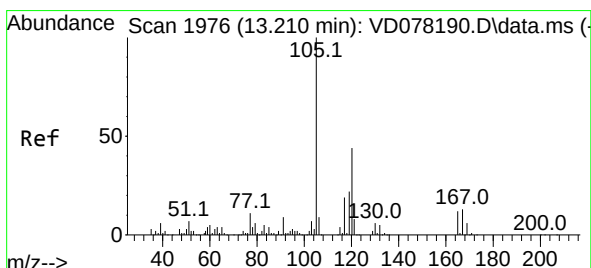
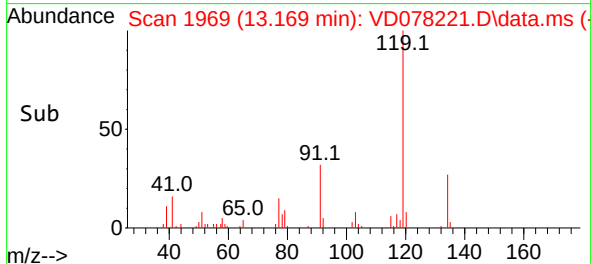
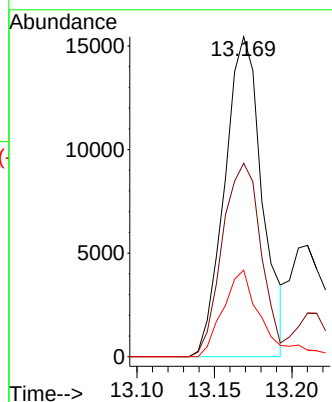
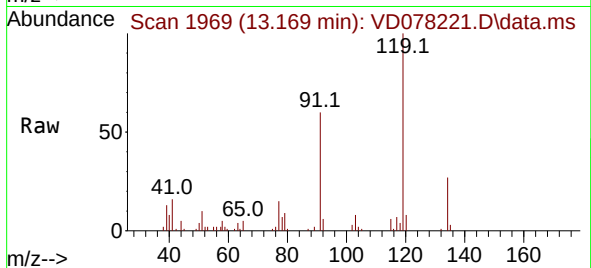
LOQ-SOIL-02-QT1-2024

Tgt Ion:	119	Resp:	26074
Ion Ratio	Lower	Upper	
119	100		
91	63.5	29.3	87.8
134	27.6	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: 4.976 ug/l

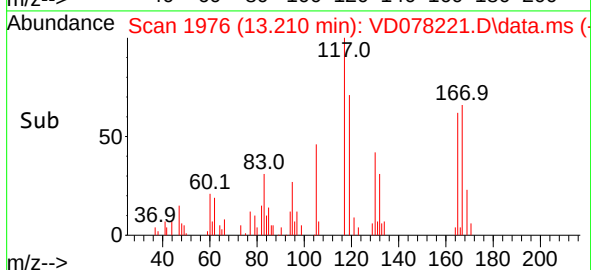
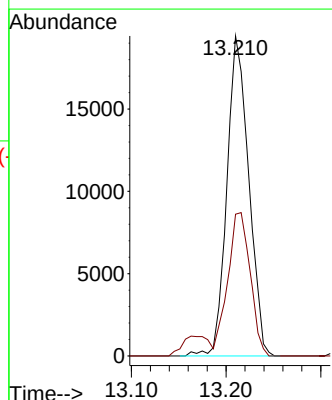
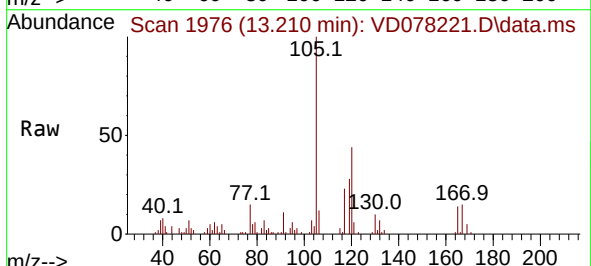
RT: 13.210 min Scan# 1976

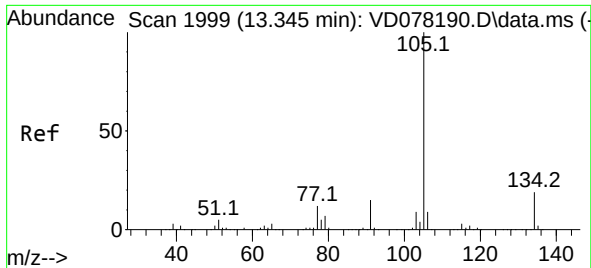
Delta R.T. -0.000 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Tgt Ion:	105	Resp:	31191
Ion Ratio	Lower	Upper	
105	100		
120	45.9	24.3	72.9





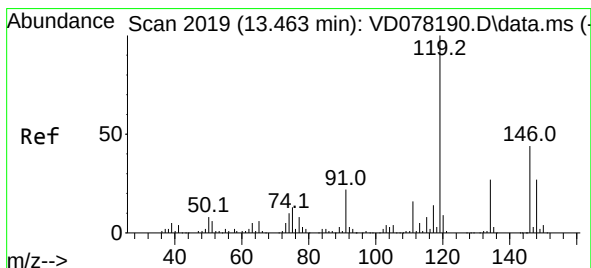
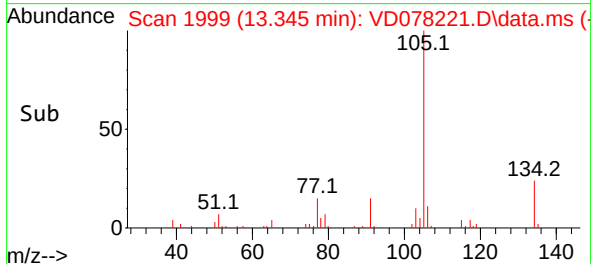
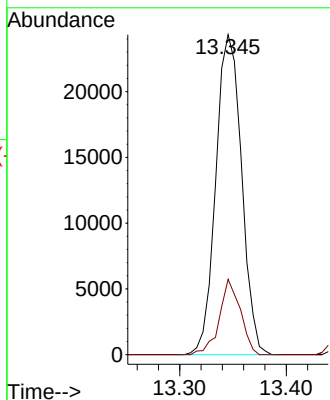
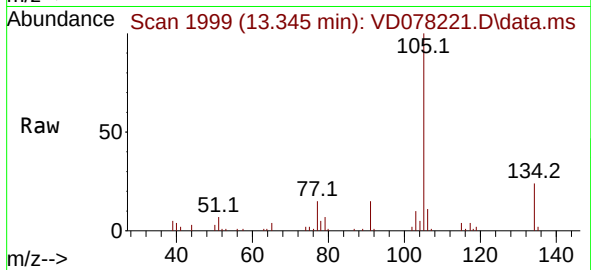
#85
 sec-Butylbenzene
 Concen: 5.205 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078221.D
 Acq: 24 Jan 2024 14:26

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024

Tgt Ion:105 Resp: 4083
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.9 32.9

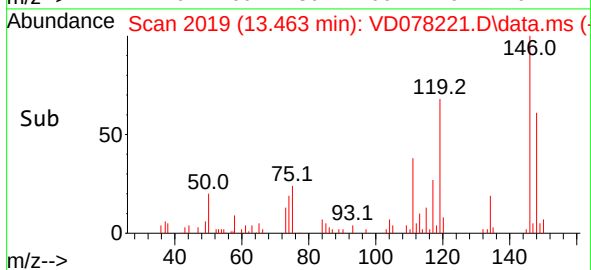
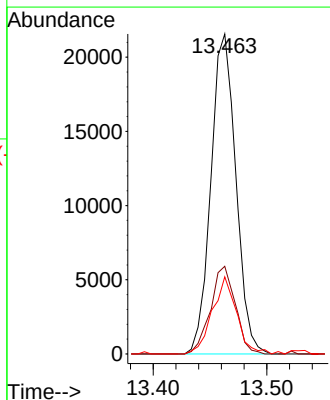
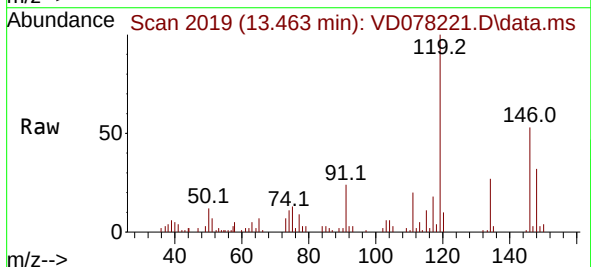
Manual Integrations
 APPROVED

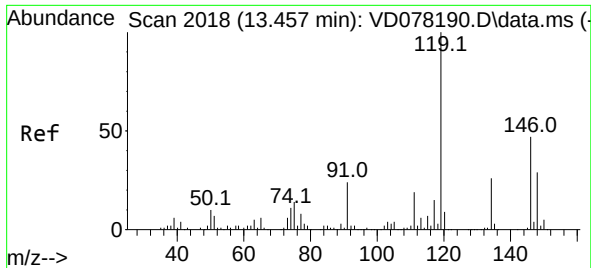
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#86
 p-Isopropyltoluene
 Concen: 4.828 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078221.D
 Acq: 24 Jan 2024 14:26

Tgt Ion:119 Resp: 32963
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 23.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 5.726 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

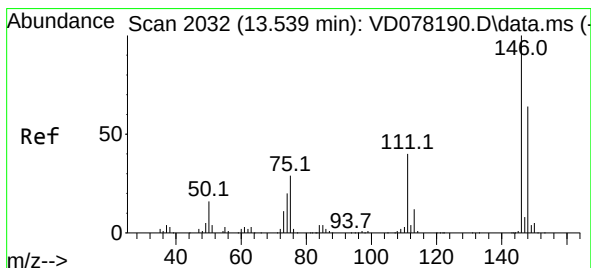
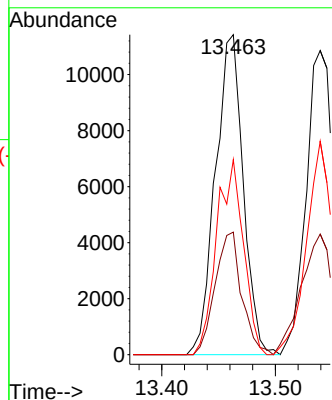
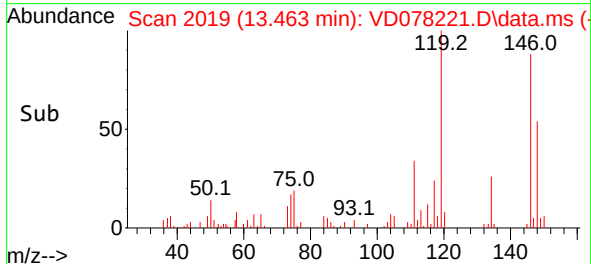
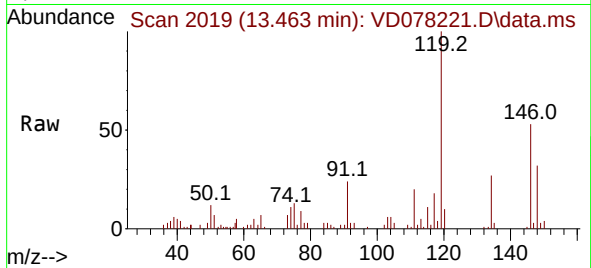
LOQ-SOIL-02-QT1-2024

Tgt Ion:146	Resp:	19429
Ion Ratio	Lower	Upper
146	100	
111	36.7	17.9 53.8
148	58.8	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: 5.564 ug/l

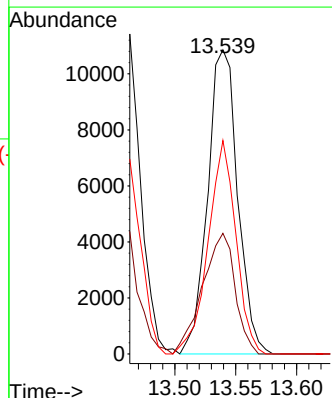
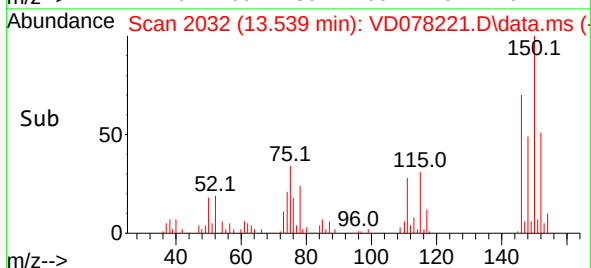
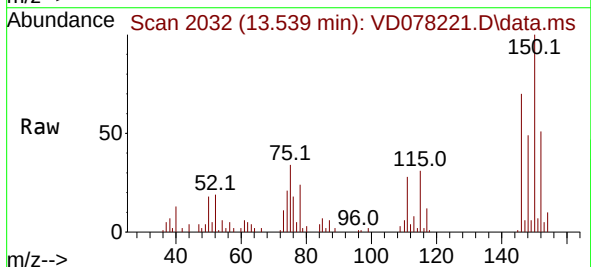
RT: 13.539 min Scan# 2032

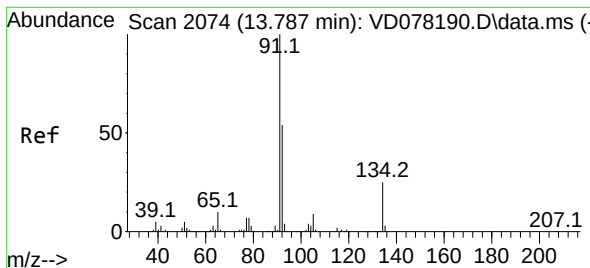
Delta R.T. -0.000 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Tgt Ion:146	Resp:	18653
Ion Ratio	Lower	Upper
146	100	
111	43.1	17.4 52.3
148	64.9	31.7 95.1





#89

n-Butylbenzene

Concen: 5.370 ug/l

RT: 13.792 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

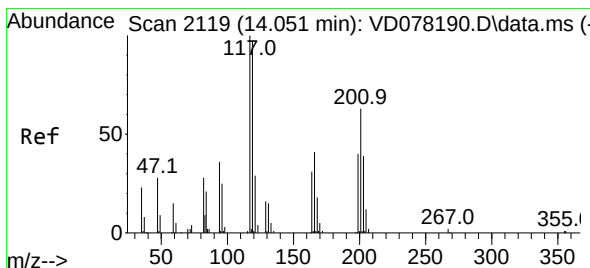
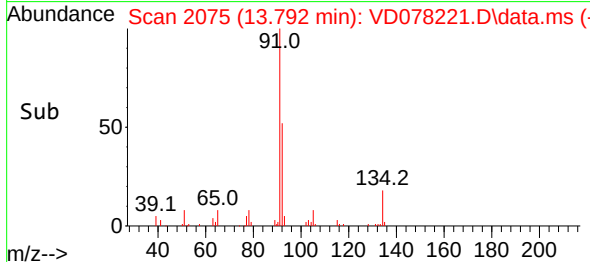
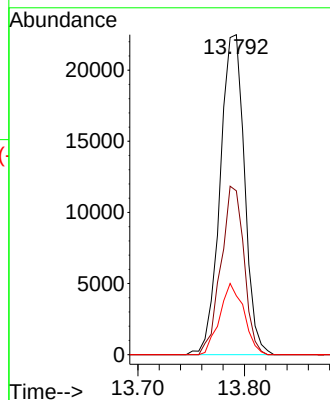
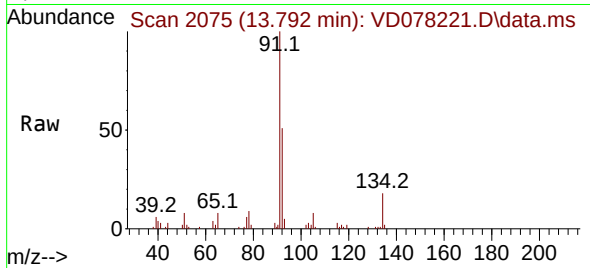
LOQ-SOIL-02-QT1-2024

Tgt Ion: 91	Resp: 3569
Ion Ratio	Lower Upper
91 100	
92 49.9	26.5 79.5
134 22.1	13.8 41.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#90

Hexachloroethane

Concen: 5.666 ug/l

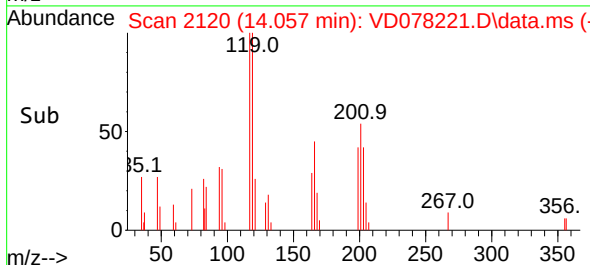
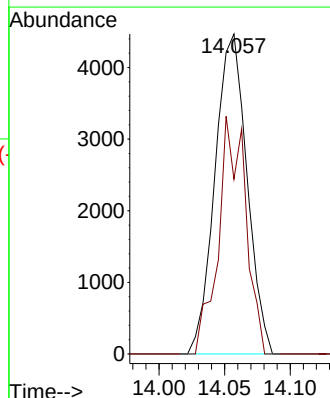
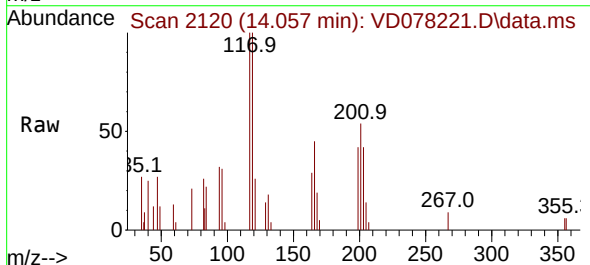
RT: 14.057 min Scan# 2120

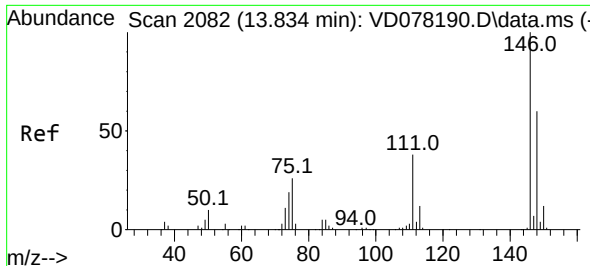
Delta R.T. 0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Tgt Ion:117	Resp: 7588
Ion Ratio	Lower Upper
117 100	
201 63.0	38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 5.417 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078221.D

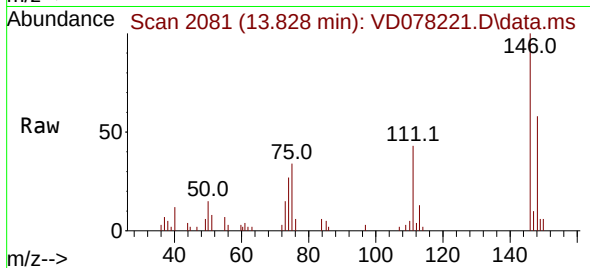
Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024



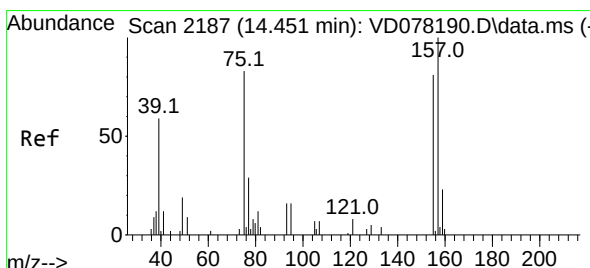
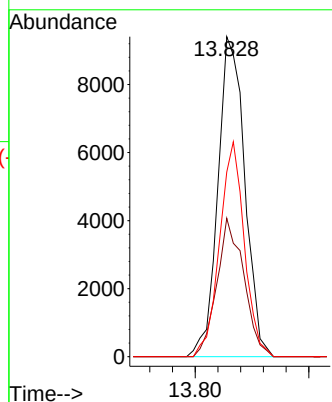
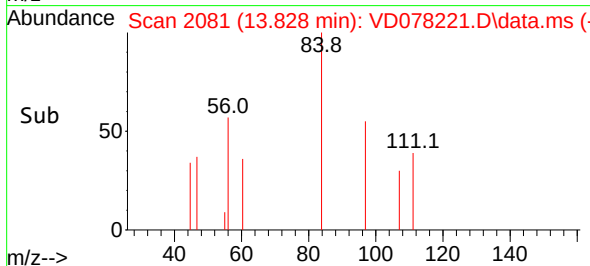
Tgt Ion:146 Resp: 1545

Ion	Ratio	Lower	Upper
146	100		
111	43.3	18.3	54.8
148	61.7	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: 5.710 ug/l

RT: 14.451 min Scan# 2187

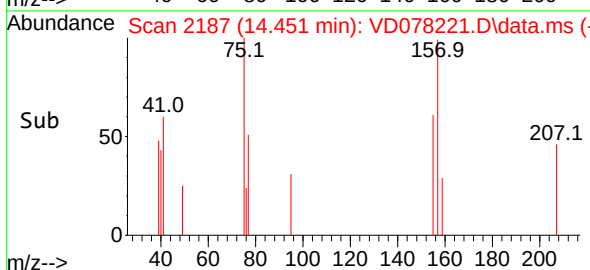
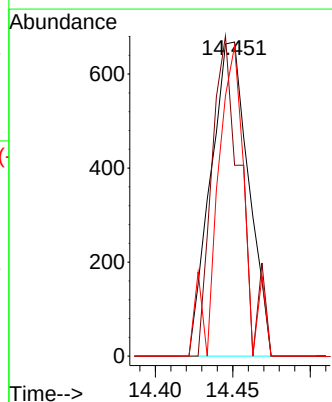
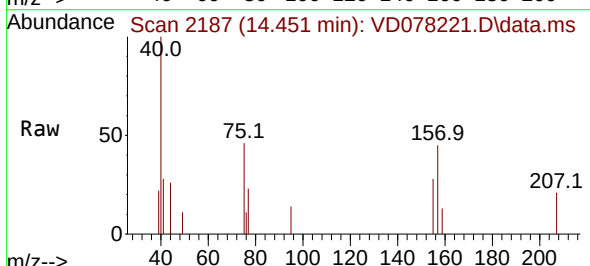
Delta R.T. -0.000 min

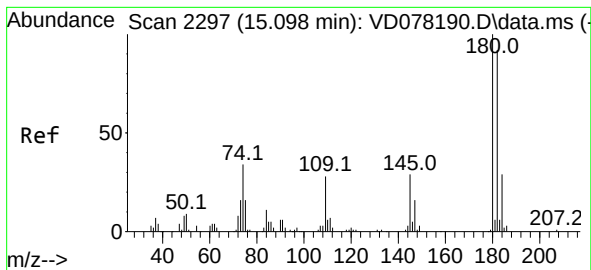
Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

Tgt Ion: 75 Resp: 1135

Ion	Ratio	Lower	Upper
75	100		
155	77.7	47.9	143.8
157	72.0	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 5.161 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD078221.D

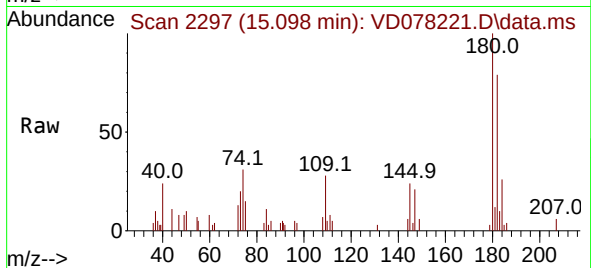
Acq: 24 Jan 2024 14:26

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

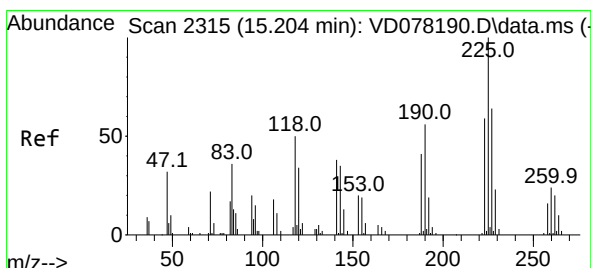
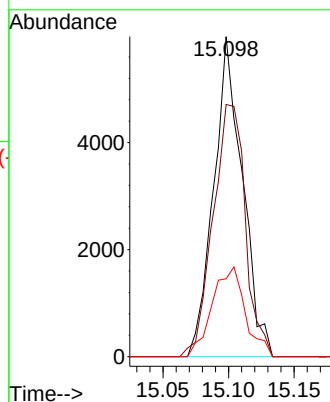
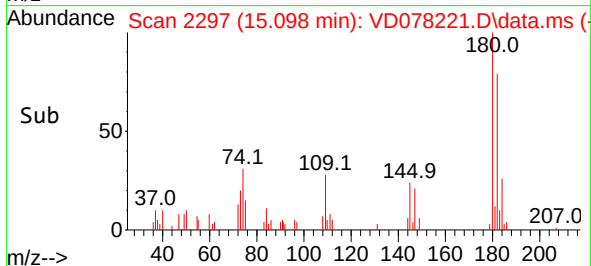


Tgt Ion:	180	Resp:	910
Ion Ratio	Lower	Upper	
180	100		
182	88.3	48.5	145.6
145	32.2	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#94

Hexachlorobutadiene

Concen: 5.671 ug/l

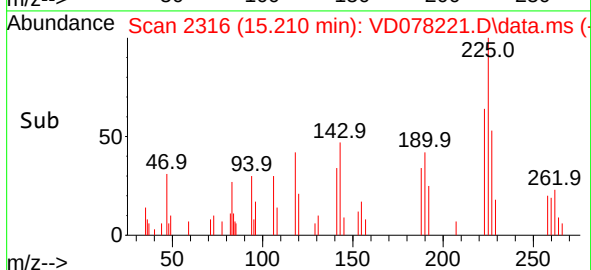
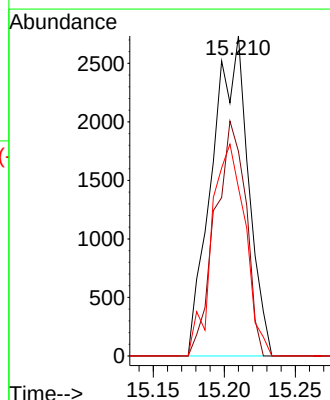
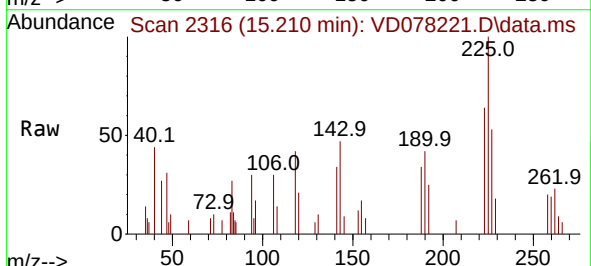
RT: 15.210 min Scan# 2316

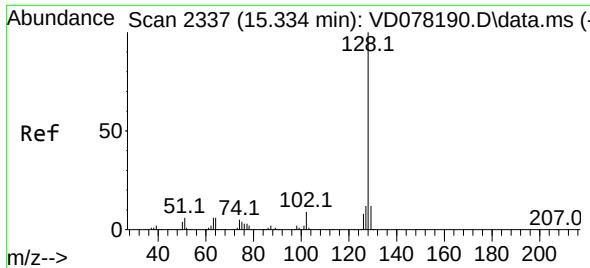
Delta R.T. 0.006 min

Lab File: VD078221.D

Acq: 24 Jan 2024 14:26

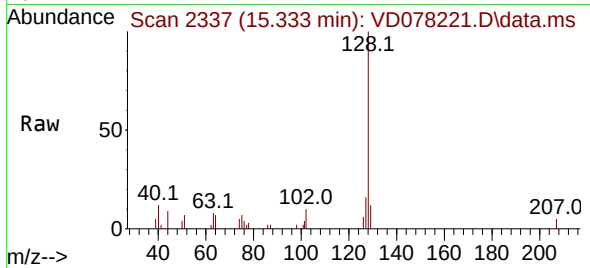
Tgt Ion:	225	Resp:	4834
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.6	94.8
227	60.9	31.7	95.1





#95
Naphthalene
Concen: 5.017 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26

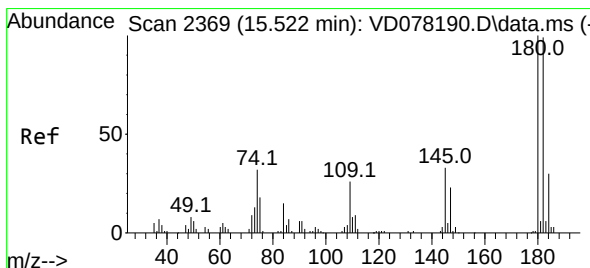
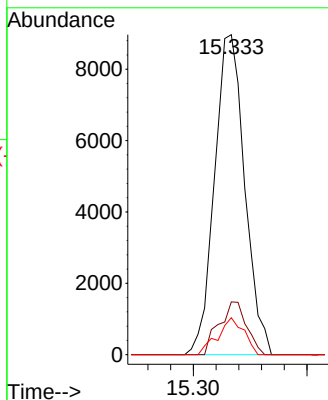
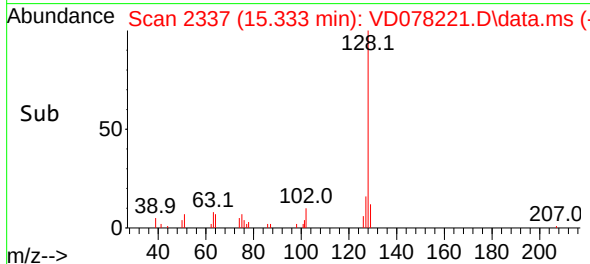
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024



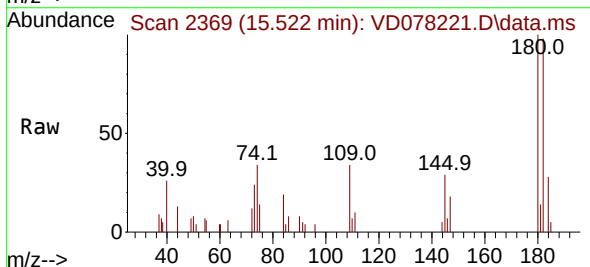
Tgt Ion:128 Resp: 16549
Ion Ratio Lower Upper
128 100
127 16.5 10.5 15.7
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 5.067 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078221.D
Acq: 24 Jan 2024 14:26



Tgt Ion:180 Resp: 7498
Ion Ratio Lower Upper
180 100
182 98.6 47.3 141.9
145 32.8 15.1 45.3

