

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078282.D
 Acq On : 30 Jan 2024 16:48
 Operator : RP/MD
 Sample : P1187-03 2.5 PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jan 31 01:17:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 01:16:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2024
 Supervised By : Mahesh Dadoda 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	93626	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	183032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	167915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61872	53.383	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	106.760%		
35) Dibromofluoromethane	7.805	113	63929	49.061	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.120%		
50) Toluene-d8	10.269	98	240445	48.738	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.480%		
62) 4-Bromofluorobenzene	12.575	95	66682	45.134	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.260%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	3330	2.941	ug/l	93
3) Chloromethane	2.152	50	5790	2.973	ug/l	90
4) Vinyl Chloride	2.281	62	7864	3.061	ug/l	98
5) Bromomethane	2.693	94	5300	3.408	ug/l	87
6) Chloroethane	2.834	64	5163	2.910	ug/l	# 83
7) Trichlorofluoromethane	3.175	101	5983	2.751	ug/l	99
8) Diethyl Ether	3.599	74	1458	2.266	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.975	101	4267	3.197	ug/l	89
10) Methyl Iodide	4.170	142	2857	2.353	ug/l	# 82
11) Tert butyl alcohol	5.064	59	1926m	26.052	ug/l	
12) 1,1-Dichloroethene	3.946	96	3524	2.736	ug/l	# 65
13) Acrolein	3.817	56	1656m	17.241	ug/l	
14) Allyl chloride	4.564	41	4367	2.572	ug/l	# 63
15) Acrylonitrile	5.264	53	4577	16.093	ug/l	# 86
16) Acetone	4.034	43	5674	18.526	ug/l	# 65
17) Carbon Disulfide	4.264	76	10704	2.462	ug/l	# 89
18) Methyl Acetate	4.575	43	2991	4.842	ug/l	# 78
19) Methyl tert-butyl Ether	5.322	73	7668	2.863	ug/l	# 81
20) Methylene Chloride	4.817	84	7960	4.944	ug/l	# 91
21) trans-1,2-Dichloroethene	5.317	96	3598	2.471	ug/l	# 78
22) Diisopropyl ether	6.228	45	9658	2.673	ug/l	# 81
23) Vinyl Acetate	6.164	43	22689	10.292	ug/l	98
24) 1,1-Dichloroethane	6.111	63	7667	3.065	ug/l	# 90
25) 2-Butanone	7.093	43	5805	15.031	ug/l	91
26) 2,2-Dichloropropane	7.081	77	6128	2.999	ug/l	80
27) cis-1,2-Dichloroethene	7.075	96	4628	2.867	ug/l	85
28) Bromochloromethane	7.428	49	2700	3.026	ug/l	# 43
29) Tetrahydrofuran	7.440	42	2741	13.267	ug/l	# 83
30) Chloroform	7.605	83	7232	2.828	ug/l	99
31) Cyclohexane	7.875	56	7691	3.543	ug/l	# 70
32) 1,1,1-Trichloroethane	7.793	97	6303	2.859	ug/l	95
36) 1,1-Dichloropropene	8.010	75	5620	2.601	ug/l	91
37) Ethyl Acetate	7.169	43	2890	3.475	ug/l	# 64
38) Carbon Tetrachloride	7.987	117	5601	2.636	ug/l	86
39) Methylcyclohexane	9.269	83	6482	2.537	ug/l	98
40) Benzene	8.246	78	16118	2.556	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	762m	1.704	ug/l	
42) 1,2-Dichloroethane	8.322	62	4574	2.797	ug/l	84
43) Isopropyl Acetate	8.363	43	3799	2.548	ug/l #	56
44) Trichloroethene	9.034	130	4076	2.633	ug/l	97
45) 1,2-Dichloropropane	9.305	63	4178	2.710	ug/l	91
46) Dibromomethane	9.393	93	1903	2.225	ug/l #	37
47) Bromodichloromethane	9.587	83	5500	2.614	ug/l	94
48) Methyl methacrylate	9.381	41	2340	3.284	ug/l #	66
49) 1,4-Dioxane	9.381	88	518	53.990	ug/l #	53
51) 4-Methyl-2-Pentanone	10.163	43	10136	12.566	ug/l #	84
52) Toluene	10.334	92	9944	2.600	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	5093	2.591	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	5632	2.420	ug/l #	88
55) 1,1,2-Trichloroethane	10.728	97	3486	3.123	ug/l #	91
56) Ethyl methacrylate	10.604	69	2182	1.724	ug/l #	60
57) 1,3-Dichloropropane	10.887	76	5110	2.655	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	6817	11.841	ug/l	92
59) 2-Hexanone	10.922	43	7437	12.242	ug/l	88
60) Dibromochloromethane	11.069	129	3563	2.750	ug/l	84
61) 1,2-Dibromoethane	11.181	107	2766	2.625	ug/l	96
64) Tetrachloroethene	10.810	164	3504	2.992	ug/l #	73
65) Chlorobenzene	11.604	112	10331	2.572	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.681	131	3737	2.613	ug/l	96
67) Ethyl Benzene	11.687	91	17991	2.472	ug/l	89
68) m/p-Xylenes	11.793	106	12782	4.566	ug/l	92
69) o-Xylene	12.116	106	6295	2.447	ug/l	95
70) Styrene	12.134	104	8908	2.027	ug/l	94
71) Bromoform	12.299	173	1960	2.782	ug/l #	97
73) Isopropylbenzene	12.422	105	15815	2.506	ug/l	99
74) N-amyl acetate	12.234	43	3334	2.554	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.675	83	3423	2.809	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	2933	3.762	ug/l #	100
77) Bromobenzene	12.698	156	4146	2.985	ug/l	73
78) n-propylbenzene	12.763	91	21214	2.698	ug/l	96
79) 2-Chlorotoluene	12.846	91	11066	2.629	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	13334	2.597	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.475	75	1017m	2.594	ug/l	
82) 4-Chlorotoluene	12.951	91	11720	2.612	ug/l	98
83) tert-Butylbenzene	13.163	119	10987	2.508	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	12551	2.416	ug/l	94
85) sec-Butylbenzene	13.345	105	17257	2.510	ug/l	96
86) p-Isopropyltoluene	13.457	119	13375	2.375	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	7980	2.766	ug/l	93
88) 1,4-Dichlorobenzene	13.540	146	8745	3.063	ug/l	91
89) n-Butylbenzene	13.787	91	14258	2.598	ug/l	94
90) Hexachloroethane	14.057	117	3711	3.299	ug/l	73
91) 1,2-Dichlorobenzene	13.828	146	6667	2.701	ug/l	89
92) 1,2-Dibromo-3-Chloropr...	14.440	75	525	3.073	ug/l #	69
93) 1,2,4-Trichlorobenzene	15.098	180	4167	2.919	ug/l	97
94) Hexachlorobutadiene	15.198	225	2014	2.879	ug/l	89
95) Naphthalene	15.334	128	7624	2.678	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.516	180	3450	2.744	ug/l	91

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Quant Title : SW846 8260
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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

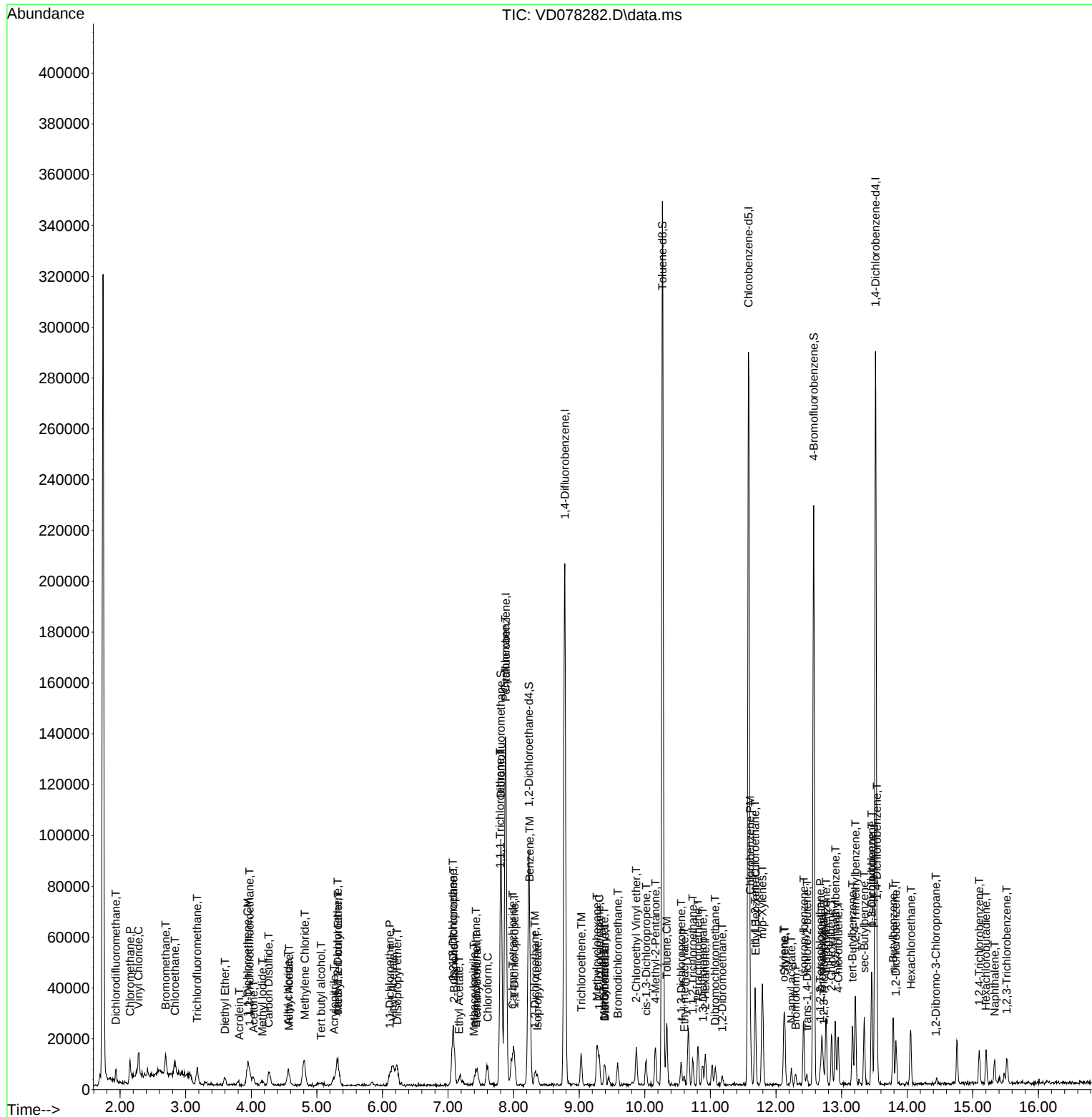
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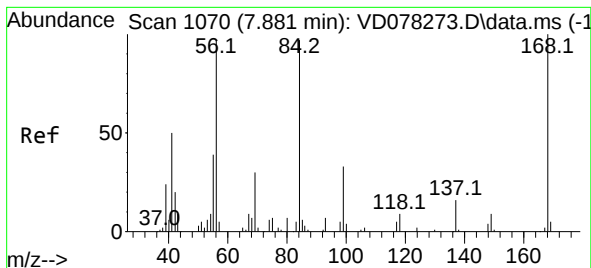
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078282.D

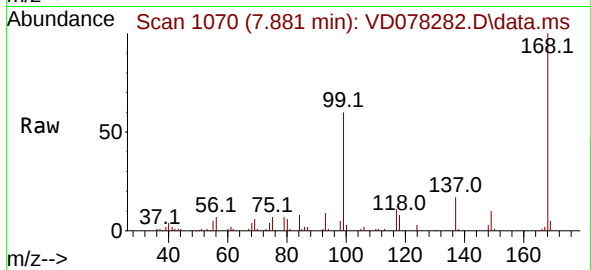
Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024



Tgt Ion:168 Resp: 93620

Ion Ratio Lower Upper

168 100

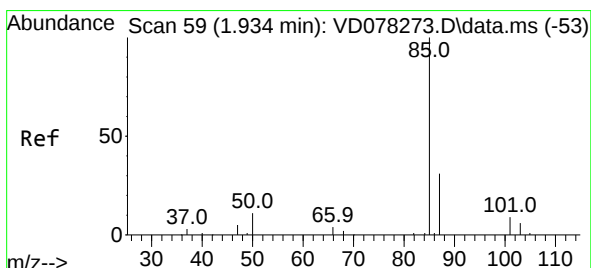
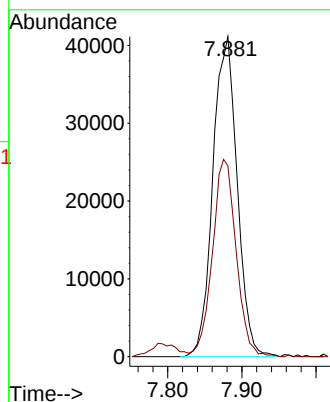
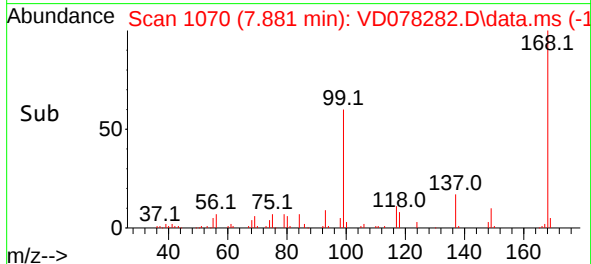
99 59.6 36.7 55.1

Manual Integrations

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Supervised By :Mahesh Dadoda 01/31/2024



#2

Dichlorodifluoromethane

Concen: 2.941 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078282.D

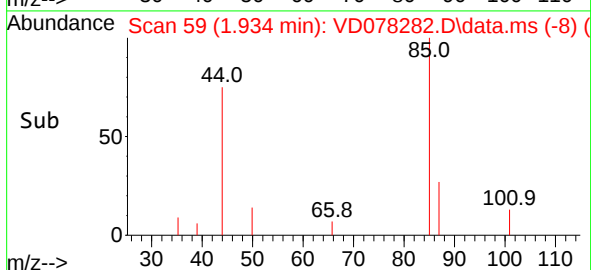
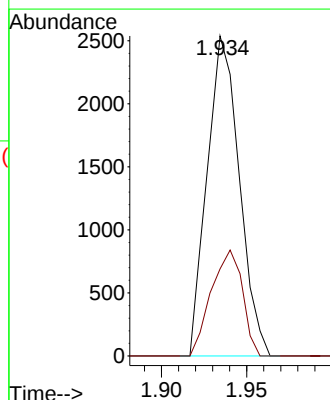
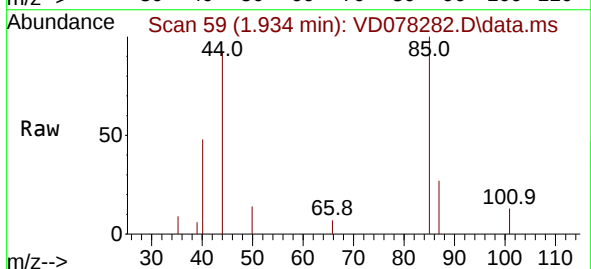
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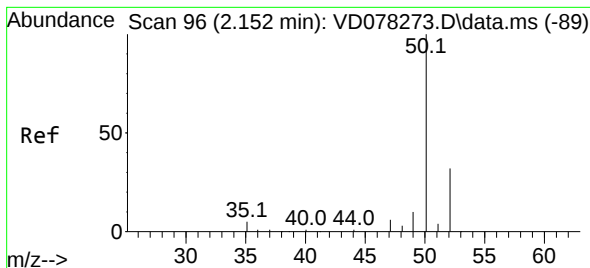
Tgt Ion: 85 Resp: 3330

Ion Ratio Lower Upper

85 100

87 27.2 15.7 47.0





#3

Chloromethane

Concen: 2.973 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

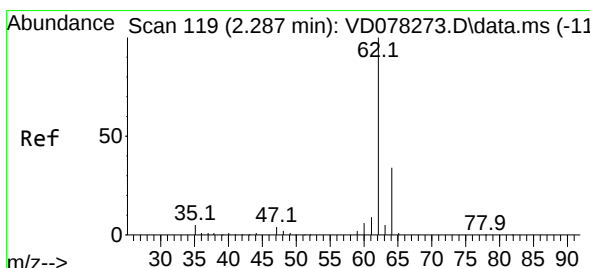
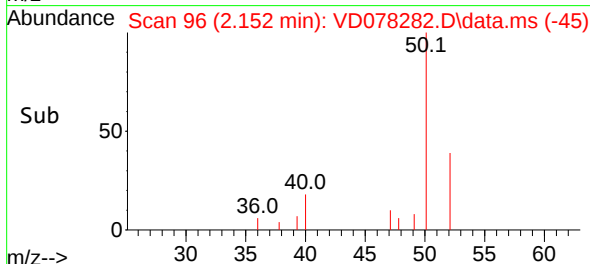
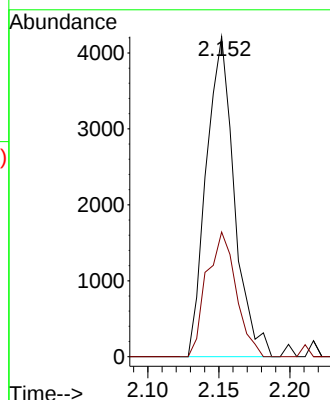
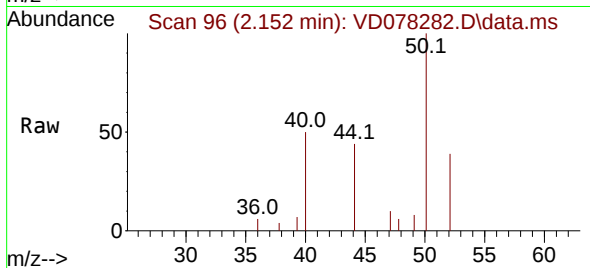
MDL-SOIL-03-QT1-2024

Tgt Ion: 50 Resp: 5790
 Ion Ratio Lower Upper
 50 100
 52 38.9 26.6 40.0

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#4

Vinyl Chloride

Concen: 3.061 ug/l

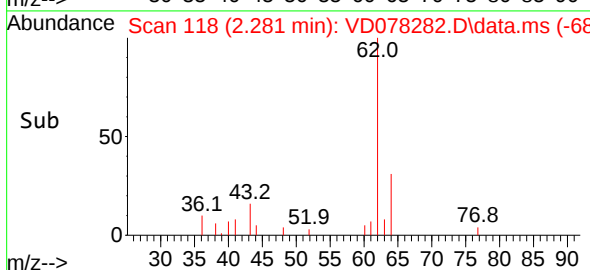
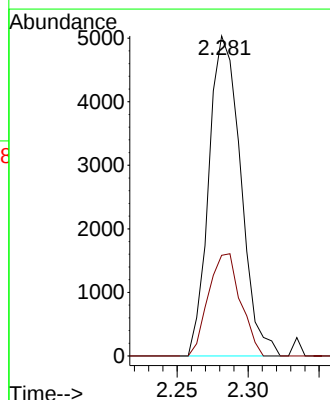
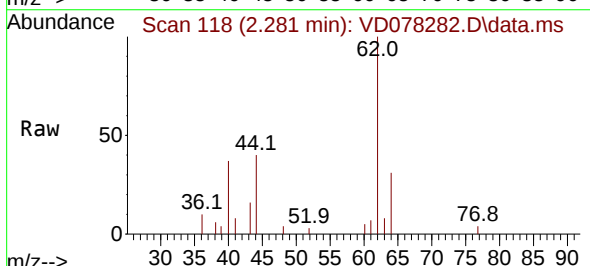
RT: 2.281 min Scan# 118

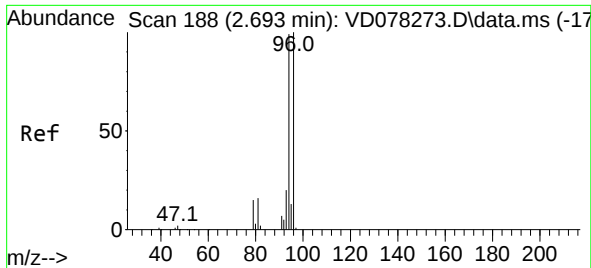
Delta R.T. -0.006 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

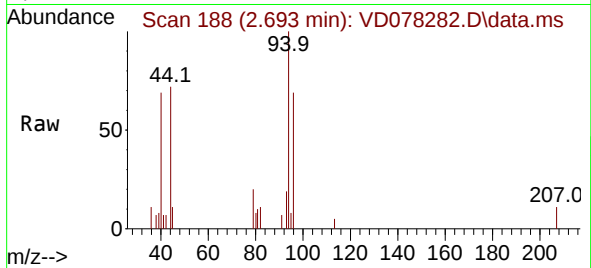
Tgt Ion: 62 Resp: 7864
 Ion Ratio Lower Upper
 62 100
 64 31.4 26.0 39.0





#5
Bromomethane
Concen: 3.408 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

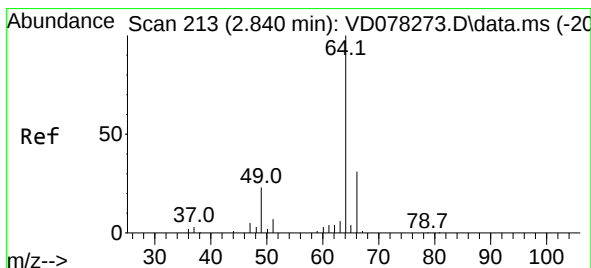
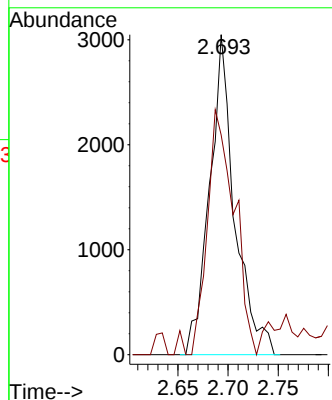
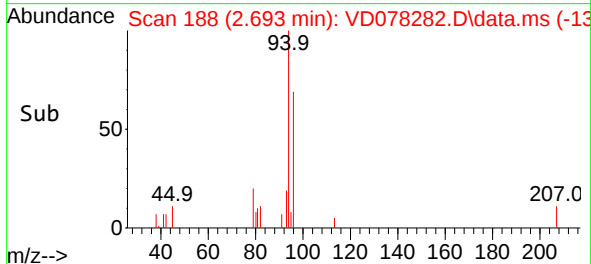
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Tgt Ion: 94 Resp: 5300
Ion Ratio Lower Upper
94 100
96 82.2 75.8 113.8

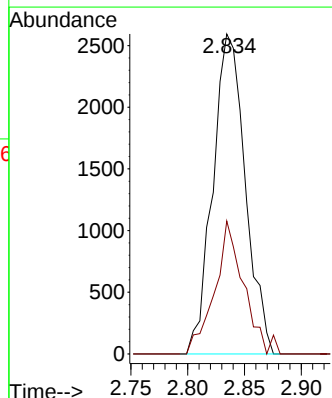
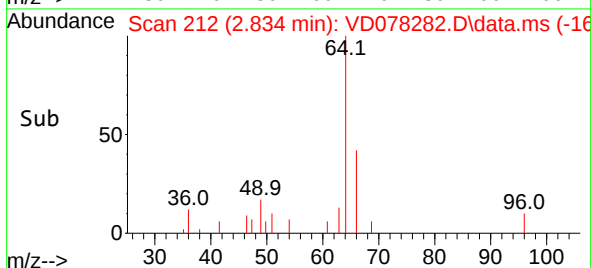
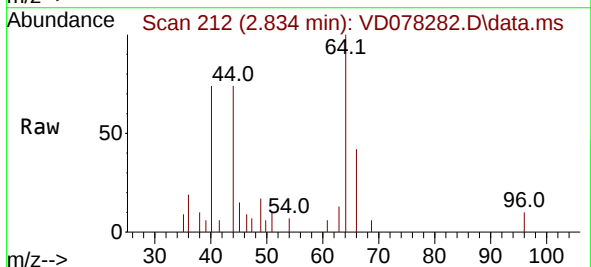
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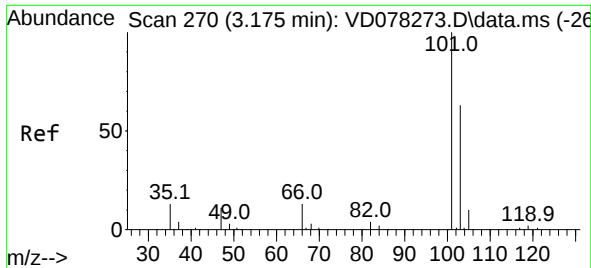
Reviewed By :Semsettin Yesilyurt 01/31/2024
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#6
Chloroethane
Concen: 2.910 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

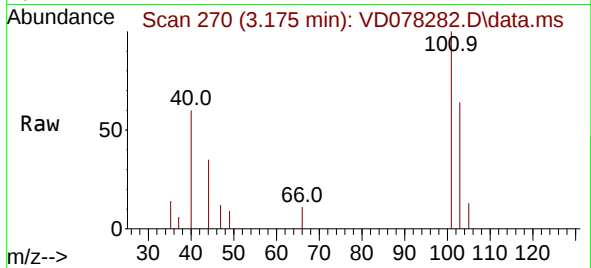
Tgt Ion: 64 Resp: 5163
Ion Ratio Lower Upper
64 100
66 41.6 25.5 38.3#





#7
 Trichlorofluoromethane
 Concen: 2.751 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078282.D
 Acq: 30 Jan 2024 16:48

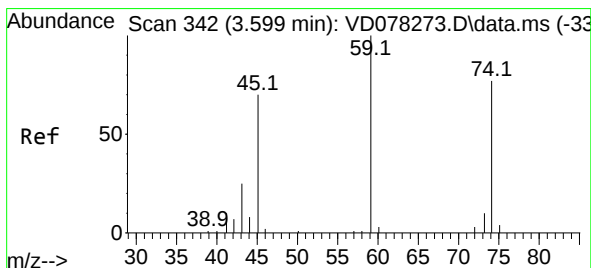
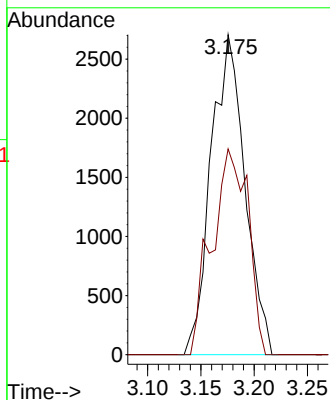
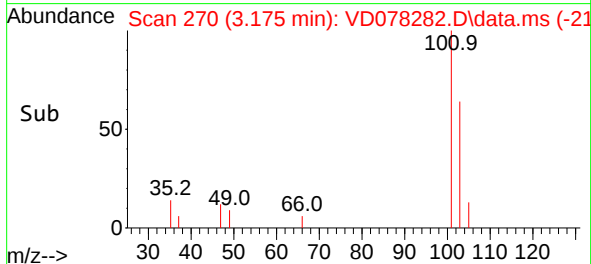
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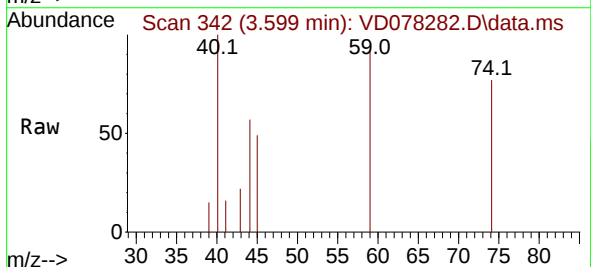
Tgt Ion:101 Resp: 598
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.3 78.5

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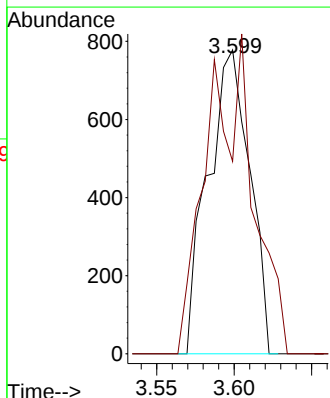
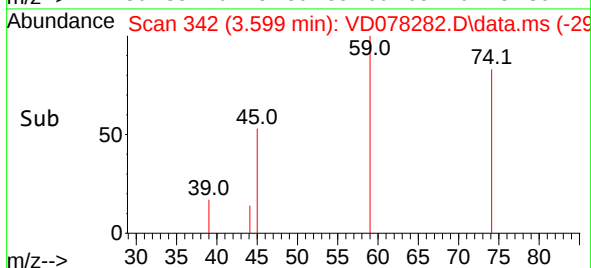
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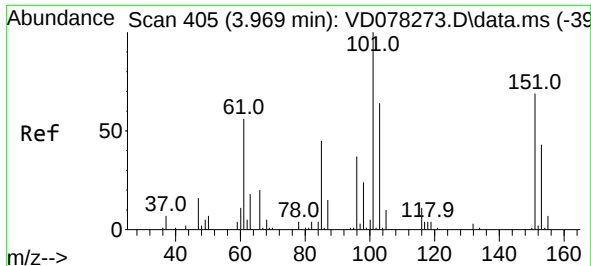


#8
 Diethyl Ether
 Concen: 2.266 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD078282.D
 Acq: 30 Jan 2024 16:48



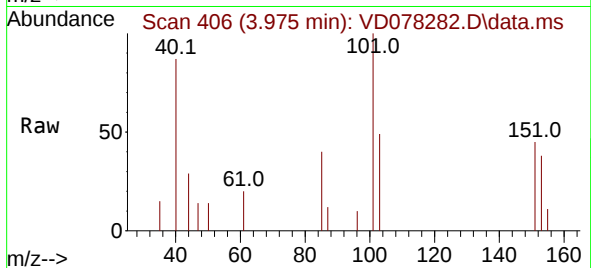
Tgt Ion: 74 Resp: 1458
 Ion Ratio Lower Upper
 74 100
 45 68.0 37.5 112.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.197 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

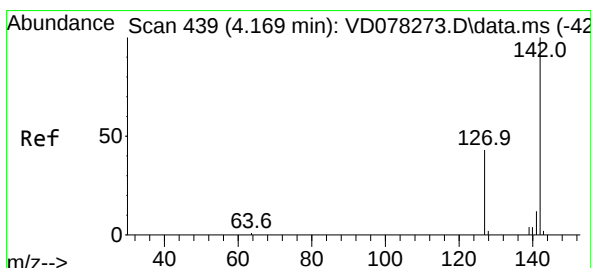
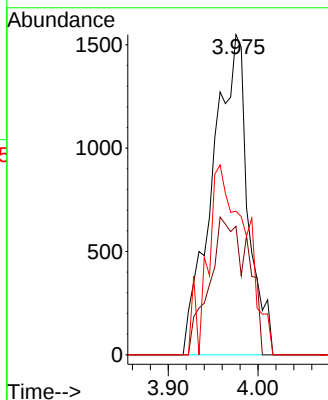
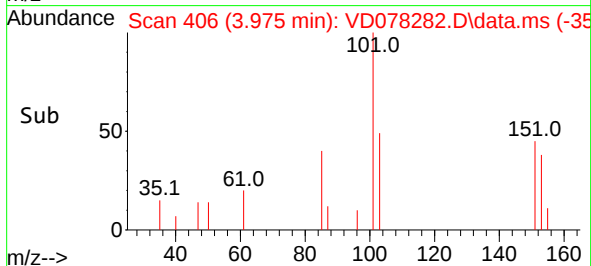
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion:101 Resp: 426
Ion Ratio Lower Upper
101 100
85 46.8 33.8 50.6
151 63.8 59.8 89.6

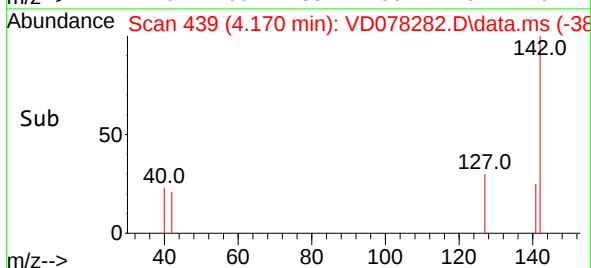
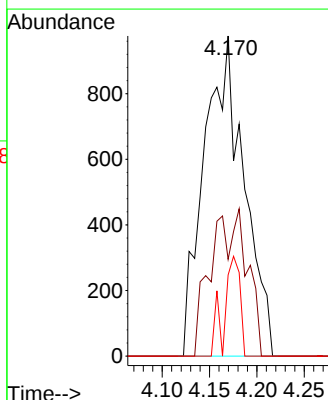
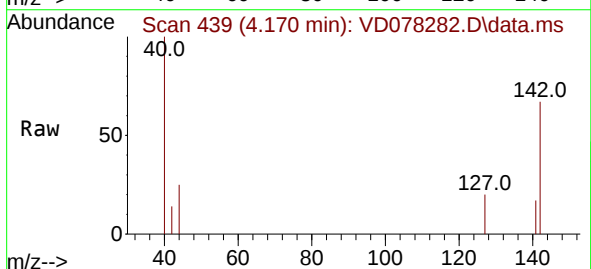
Manual Integrations
APPROVED

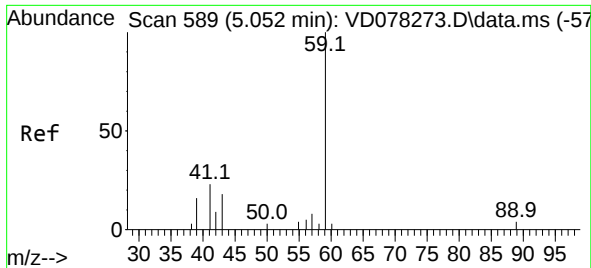
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#10
Methyl Iodide
Concen: 2.353 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

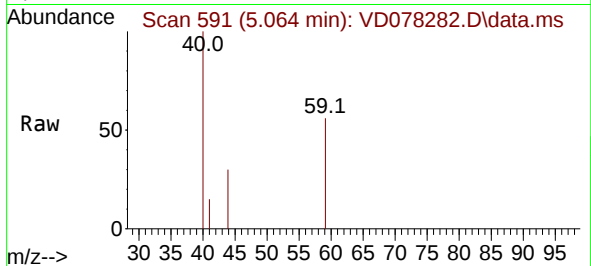
Tgt Ion:142 Resp: 2857
Ion Ratio Lower Upper
142 100
127 22.6 29.4 44.0#
141 12.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 26.052 ug/l m
RT: 5.064 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

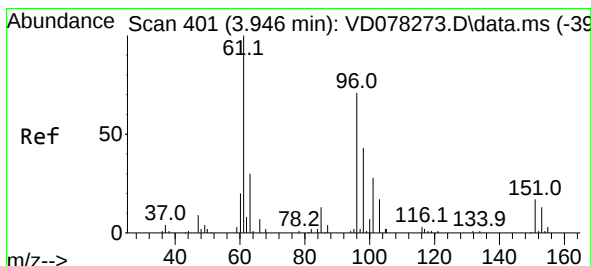
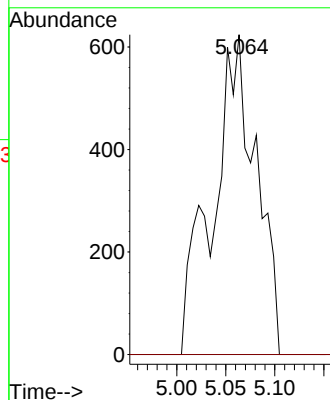
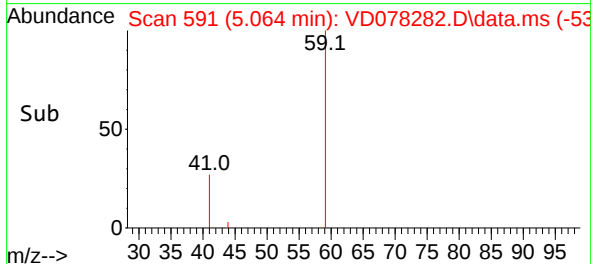
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



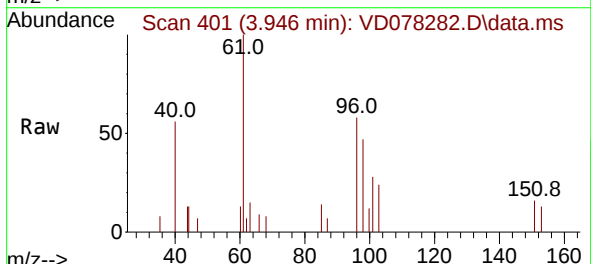
Tgt Ion: 59 Resp: 1920
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

Manual Integrations
APPROVED

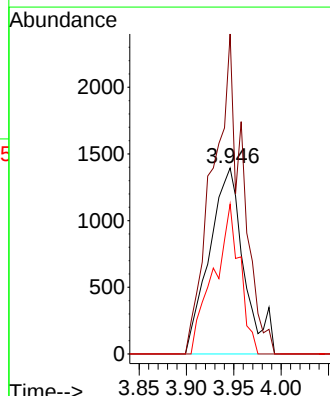
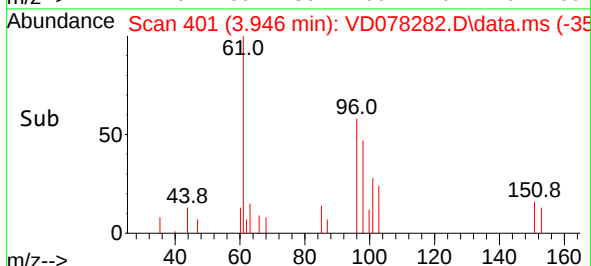
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

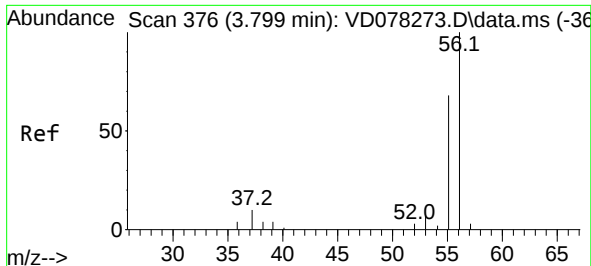


#12
1,1-Dichloroethene
Concen: 2.736 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48



Tgt Ion: 96 Resp: 3524
Ion Ratio Lower Upper
96 100
61 172.0 100.6 150.8#
98 80.5 50.2 75.2#





#13

Acrolein

Concen: 17.241 ug/l m

RT: 3.817 min Scan# 31

Delta R.T. 0.018 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 56 Resp: 1650

Ion Ratio Lower Upper

56 100

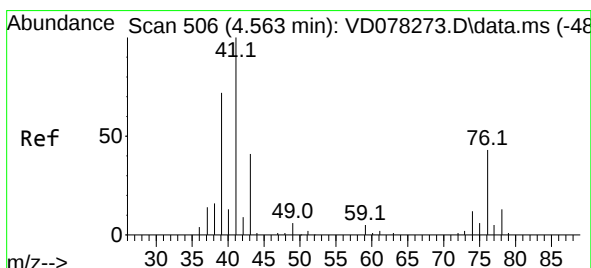
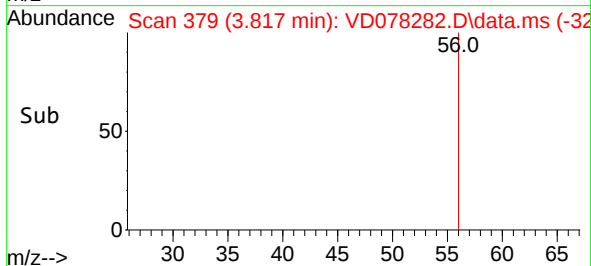
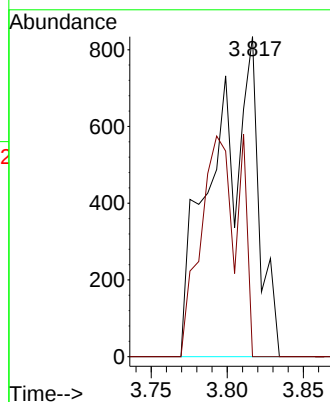
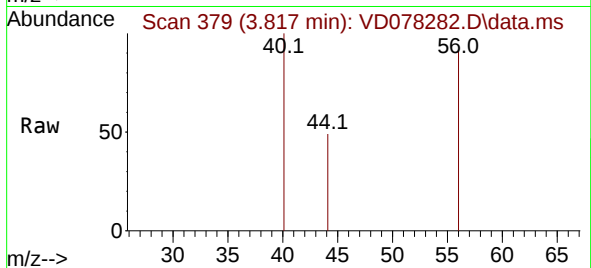
55 60.9 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#14

Allyl chloride

Concen: 2.572 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

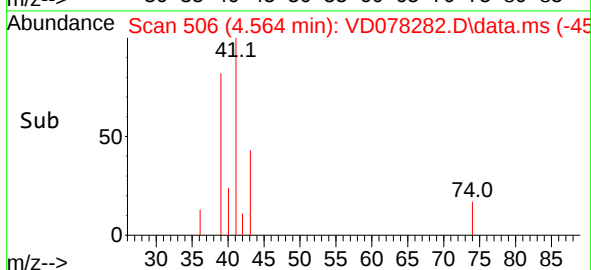
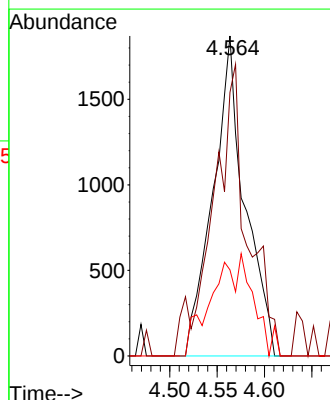
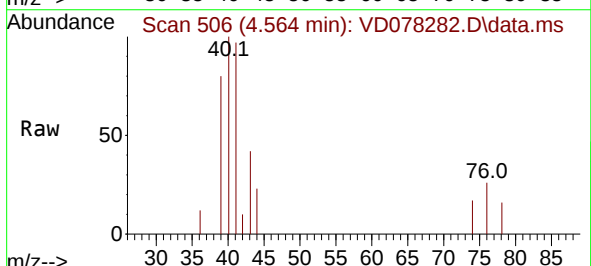
Tgt Ion: 41 Resp: 4367

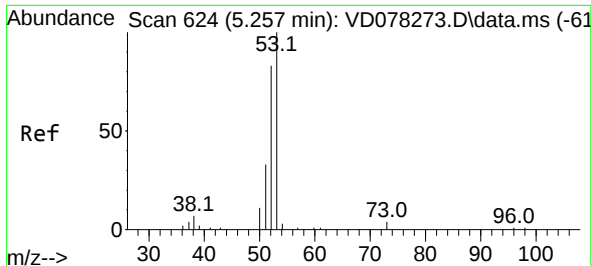
Ion Ratio Lower Upper

41 100

39 92.3 53.8 80.6#

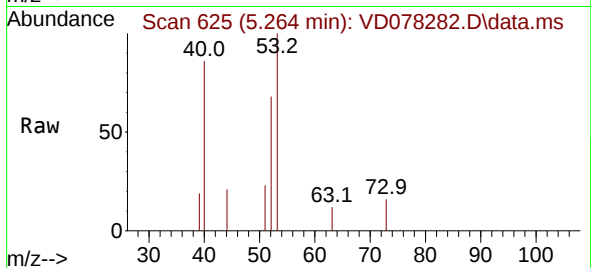
76 25.4 45.8 68.8#





#15
Acrylonitrile
Concen: 16.093 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

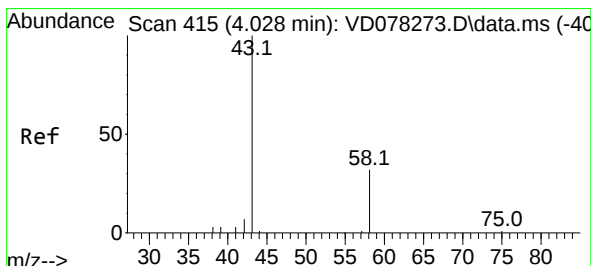
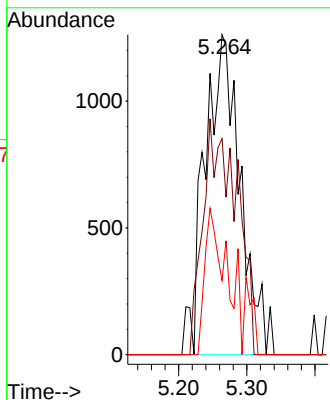
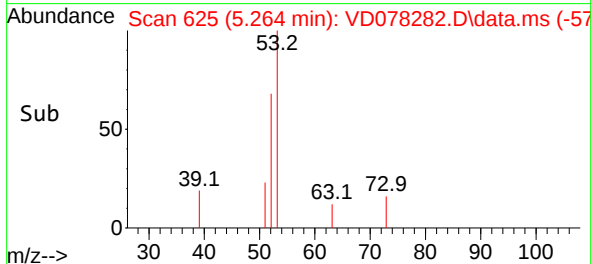
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 53 Resp: 457
Ion Ratio Lower Upper
53 100
52 69.8 65.0 97.4
51 24.8 28.3 42.5

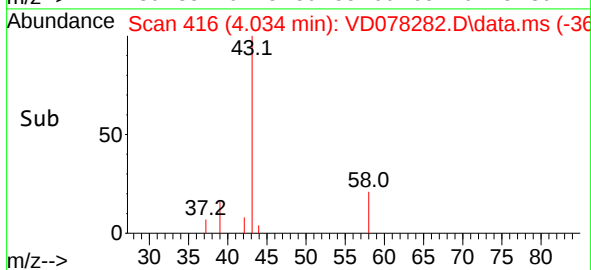
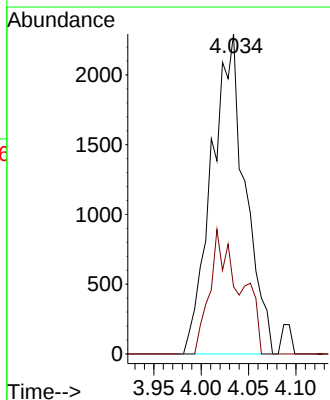
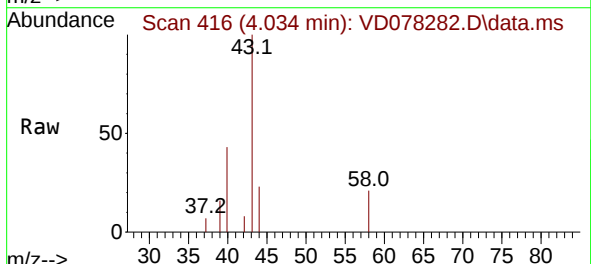
Manual Integrations
APPROVED

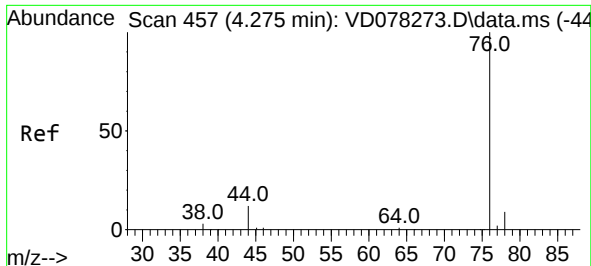
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#16
Acetone
Concen: 18.526 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

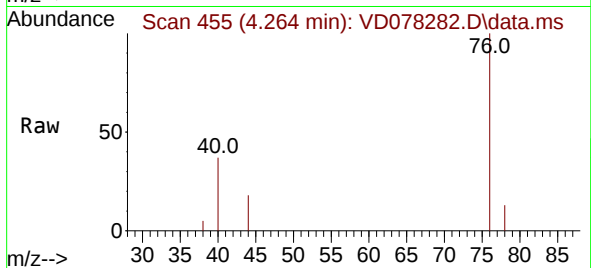
Tgt Ion: 43 Resp: 5674
Ion Ratio Lower Upper
43 100
58 21.0 34.7 52.1#





#17
Carbon Disulfide
Concen: 2.462 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

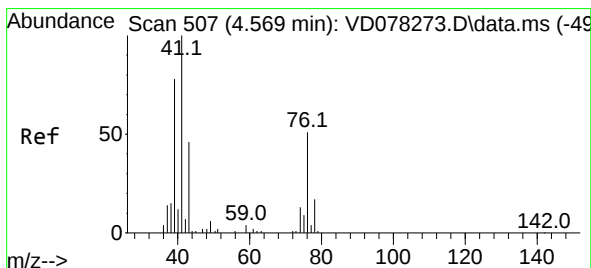
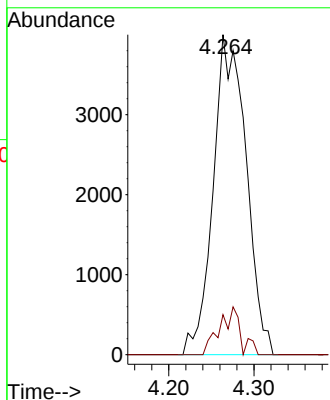
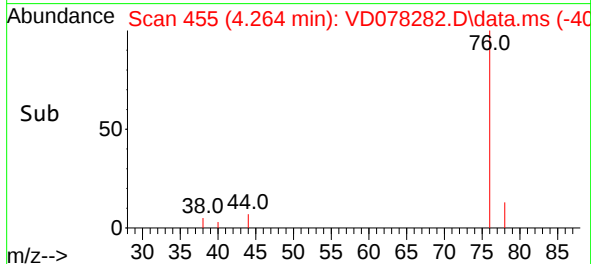
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 76 Resp: 10704
Ion Ratio Lower Upper
76 100
78 12.5 6.8 10.2

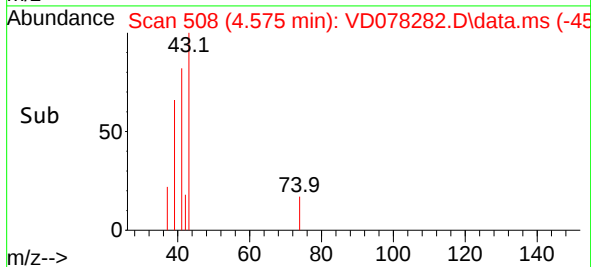
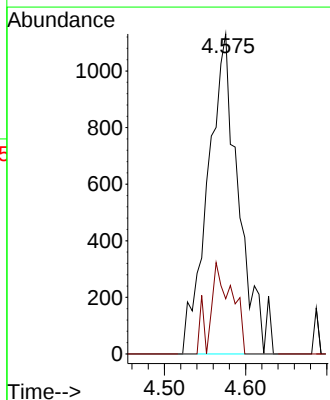
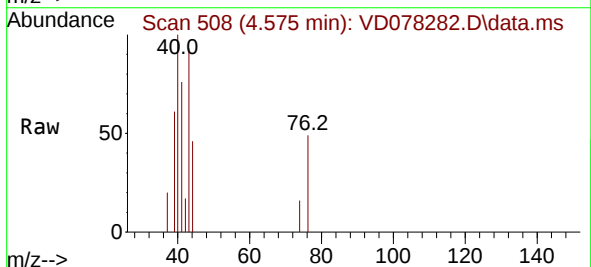
Manual Integrations
APPROVED

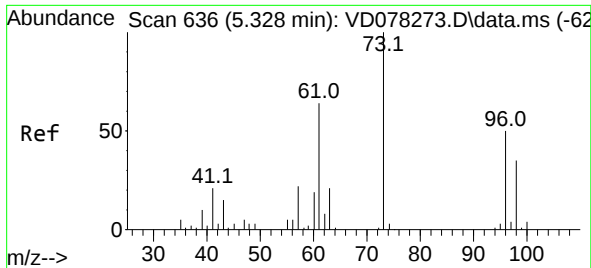
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#18
Methyl Acetate
Concen: 4.842 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

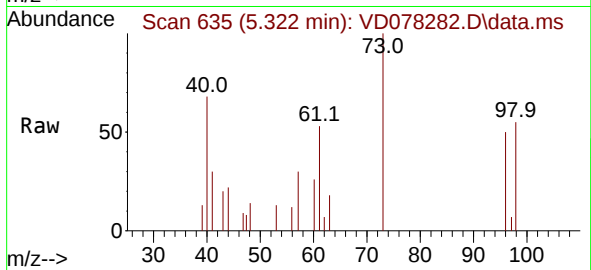
Tgt Ion: 43 Resp: 2991
Ion Ratio Lower Upper
43 100
74 20.5 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 2.863 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

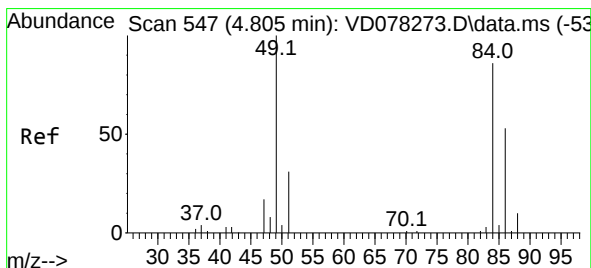
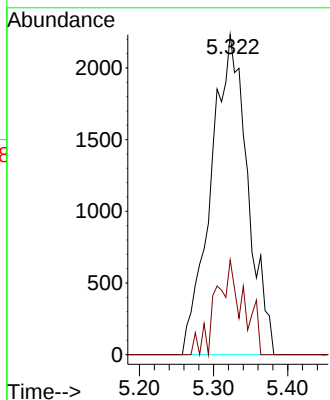
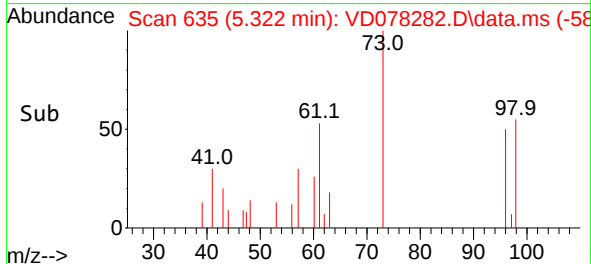
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 73 Resp: 766
Ion Ratio Lower Upper
73 100
57 29.6 16.6 25.0

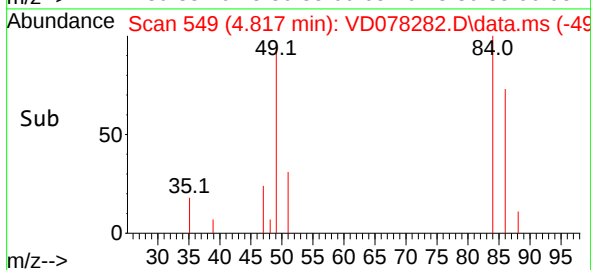
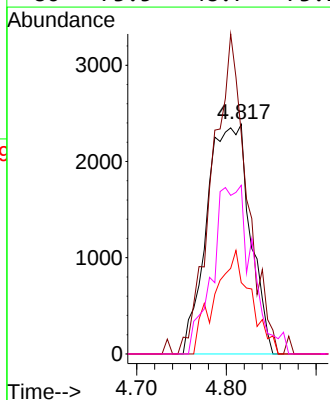
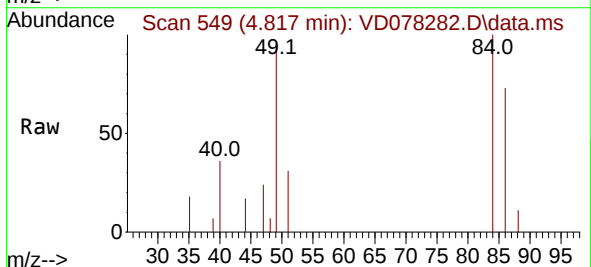
Manual Integrations
APPROVED

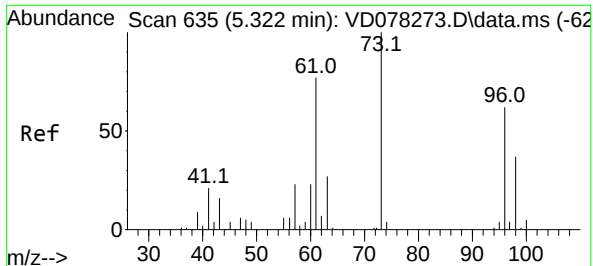
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#20
Methylene Chloride
Concen: 4.944 ug/l
RT: 4.817 min Scan# 549
Delta R.T. 0.012 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

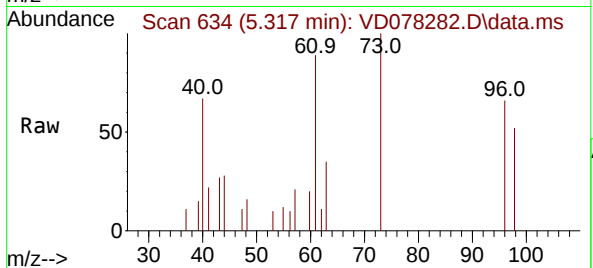
Tgt Ion: 84 Resp: 7960
Ion Ratio Lower Upper
84 100
49 96.1 71.4 107.2
51 31.1 24.5 36.7
86 73.5 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 2.471 ug/l
RT: 5.317 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

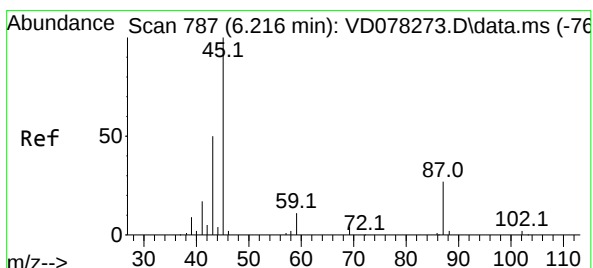
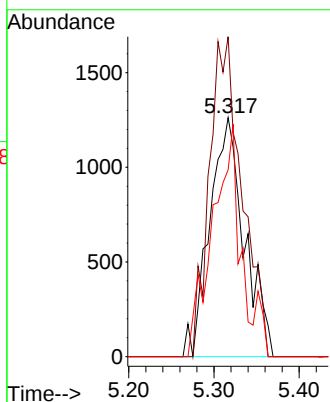
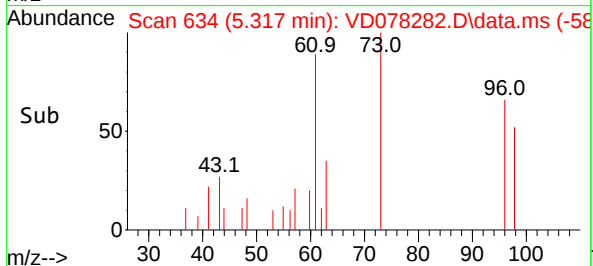
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



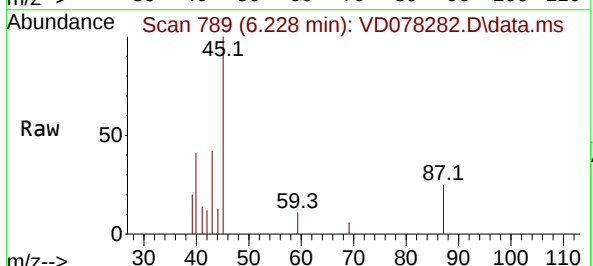
Tgt Ion: 96 Resp: 3598
Ion Ratio Lower Upper
96 100
61 133.9 89.3 133.9
98 78.2 48.6 73.0

Manual Integrations
APPROVED

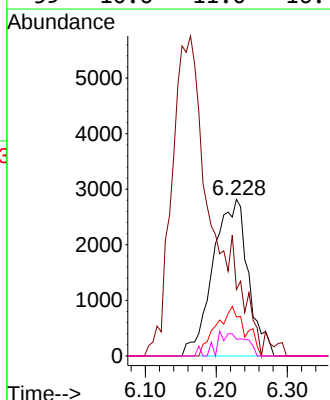
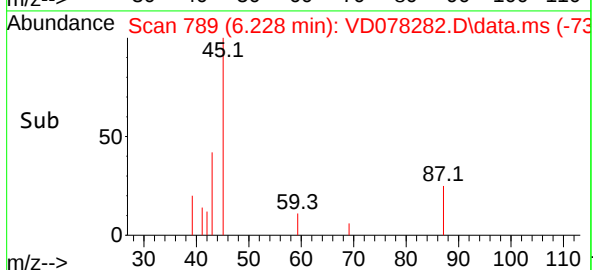
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

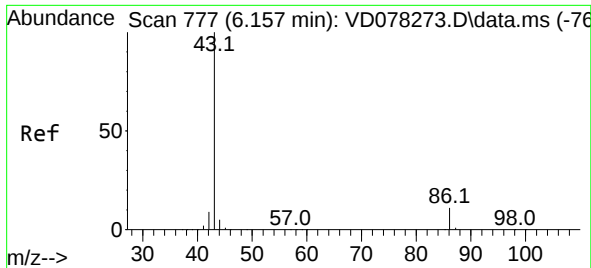


#22
Diisopropyl ether
Concen: 2.673 ug/l
RT: 6.228 min Scan# 789
Delta R.T. 0.012 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48



Tgt Ion: 45 Resp: 9658
Ion Ratio Lower Upper
45 100
43 34.4 40.0 60.0#
87 24.9 28.2 42.4#
59 10.6 11.0 16.4#





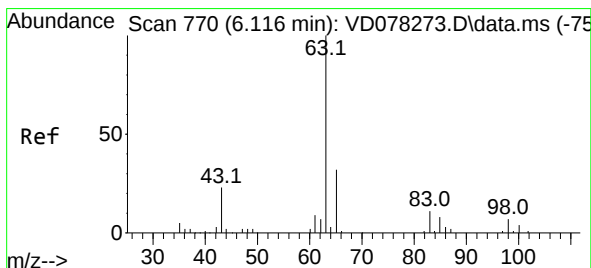
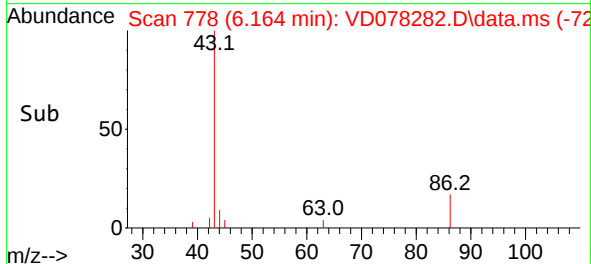
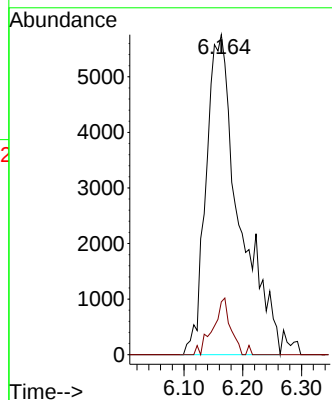
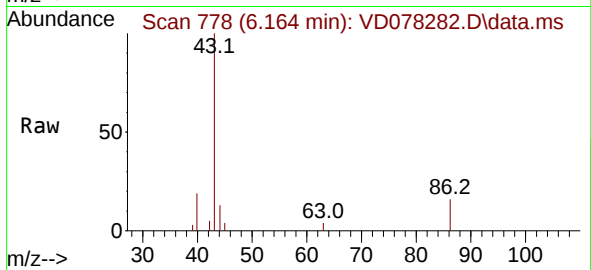
#23
 Vinyl Acetate
 Concen: 10.292 ug/l
 RT: 6.164 min Scan# 778
 Delta R.T. 0.006 min
 Lab File: VD078282.D
 Acq: 30 Jan 2024 16:48

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

Tgt Ion: 43 Resp: 22689
 Ion Ratio Lower Upper
 43 100
 86 16.5 12.5 18.7

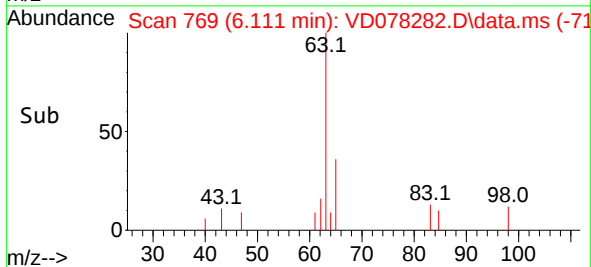
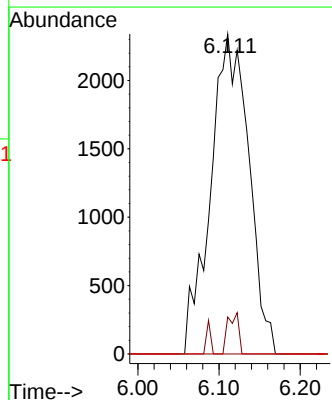
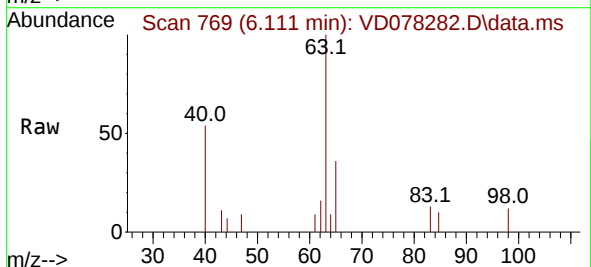
Manual Integrations
 APPROVED

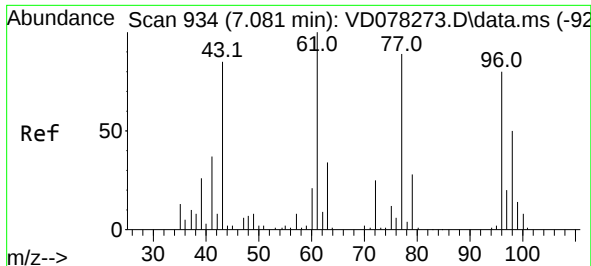
Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#24
 1,1-Dichloroethane
 Concen: 3.065 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078282.D
 Acq: 30 Jan 2024 16:48

Tgt Ion: 63 Resp: 7667
 Ion Ratio Lower Upper
 63 100
 98 11.6 4.5 13.7
 100 0.0 2.5 7.5#





#25

2-Butanone

Concen: 15.031 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 43 Resp: 580

Ion Ratio Lower Upper

43 100

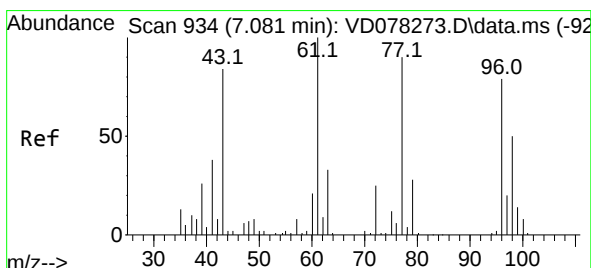
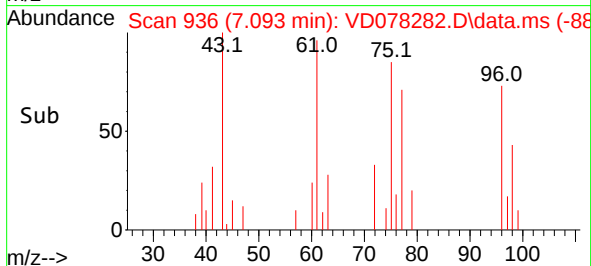
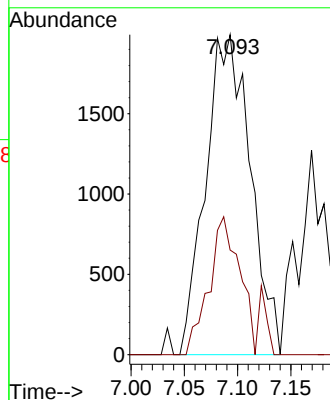
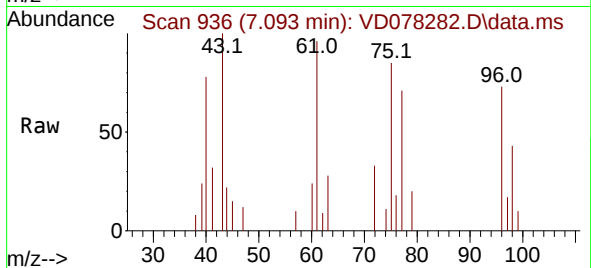
72 32.7 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#26

2,2-Dichloropropane

Concen: 2.999 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078282.D

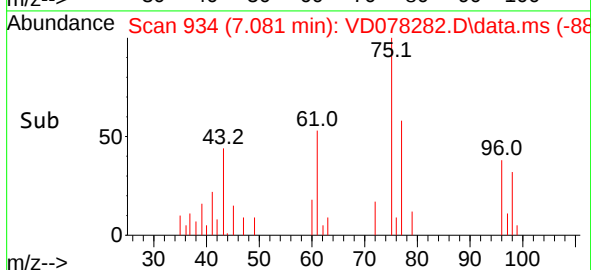
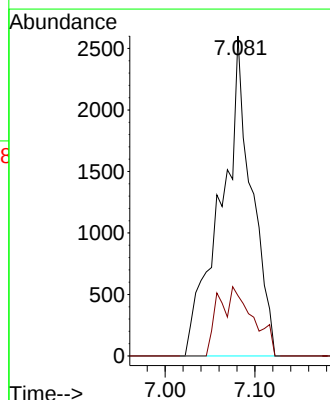
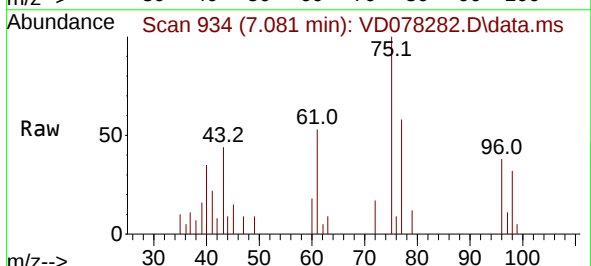
Acq: 30 Jan 2024 16:48

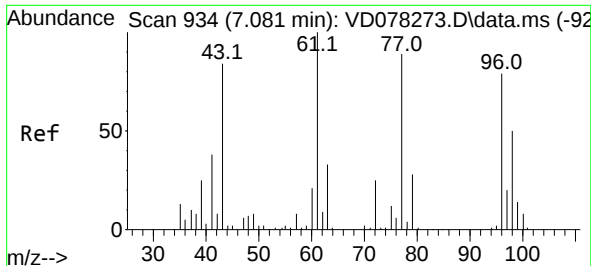
Tgt Ion: 77 Resp: 6128

Ion Ratio Lower Upper

77 100

97 16.2 13.2 39.6





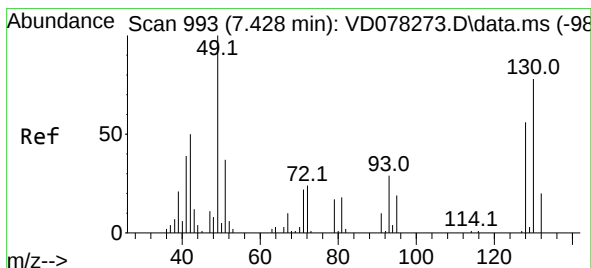
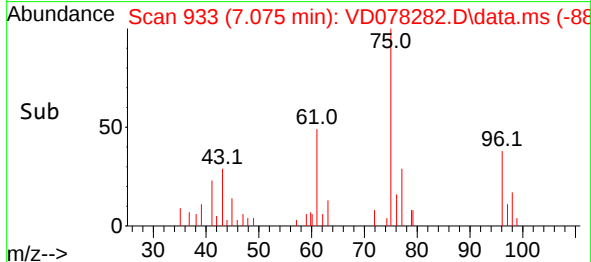
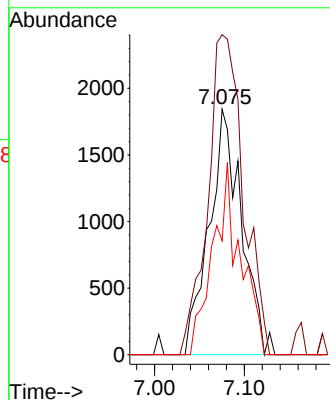
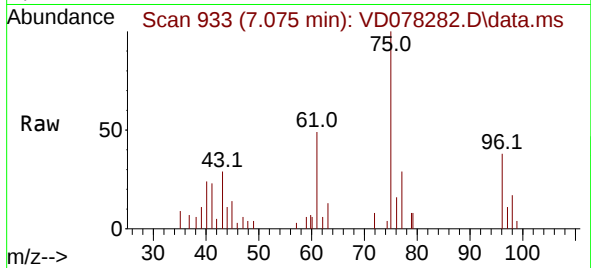
#27
cis-1,2-Dichloroethene
Concen: 2.867 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

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

Tgt Ion: 96 Resp: 4628
Ion Ratio Lower Upper
96 100
61 143.3 0.0 239.2
98 65.9 0.0 128.6

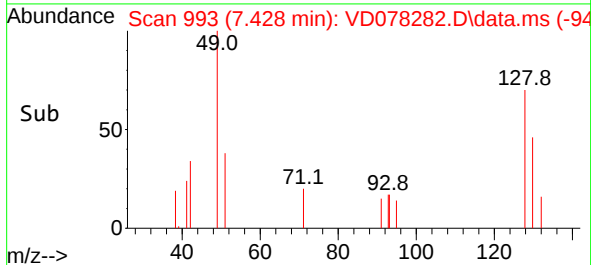
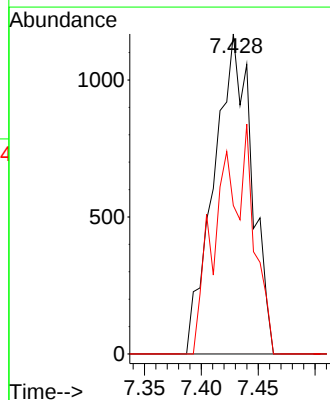
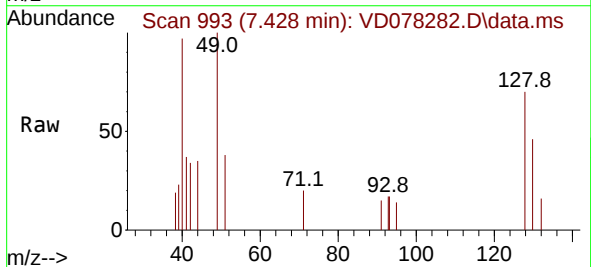
Manual Integrations
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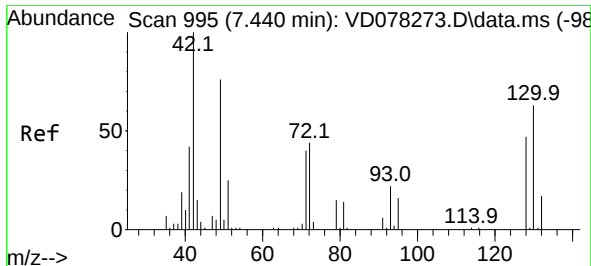
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#28
Bromochloromethane
Concen: 3.026 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

Tgt Ion: 49 Resp: 2700
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 44.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 13.267 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

Lab File: VD078282.D

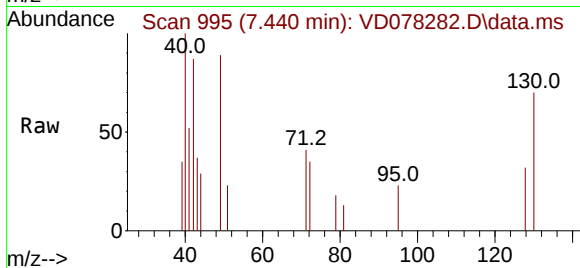
Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

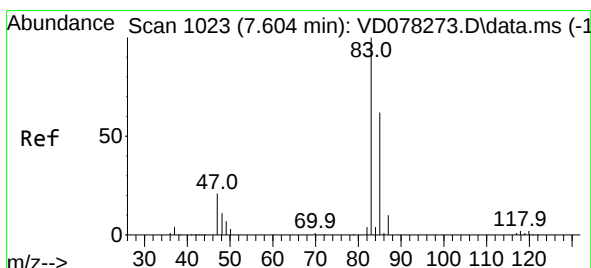
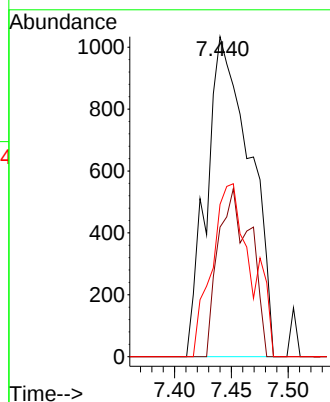
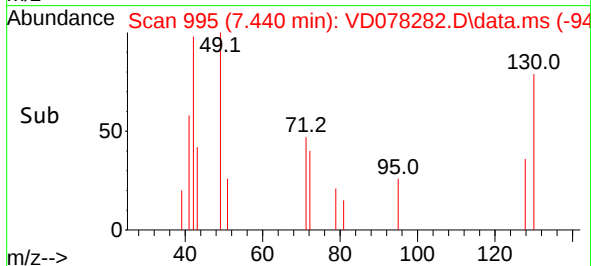


Tgt Ion:	42	Resp:	274
Ion	Ratio	Lower	Upper
42	100		
72	39.4	46.5	69.7
71	48.9	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#30

Chloroform

Concen: 2.828 ug/l

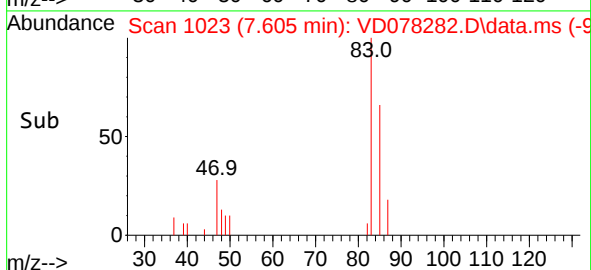
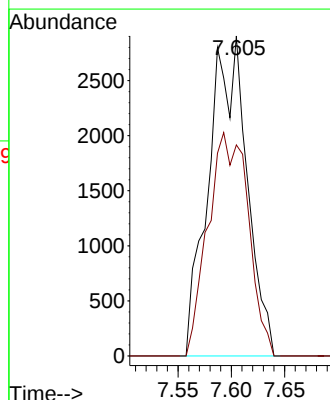
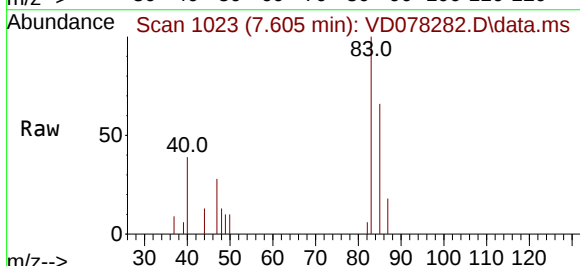
RT: 7.605 min Scan# 1023

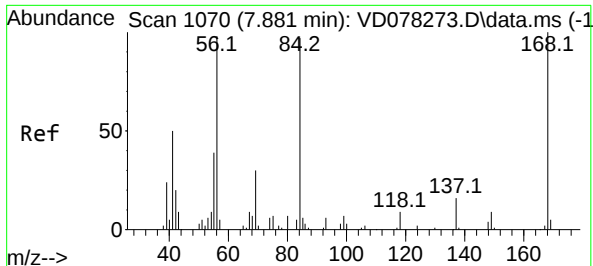
Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

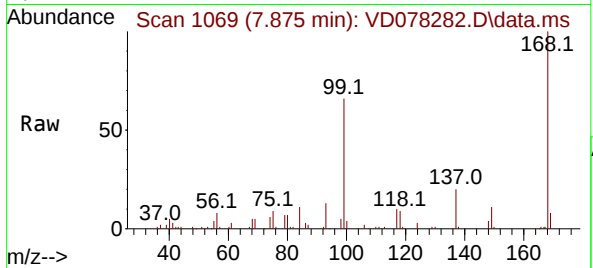
Tgt Ion:	83	Resp:	7232
Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.4	80.2





#31
Cyclohexane
Concen: 3.543 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

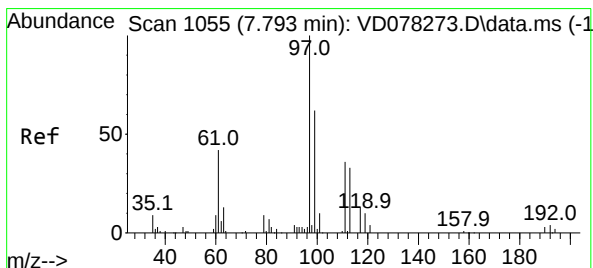
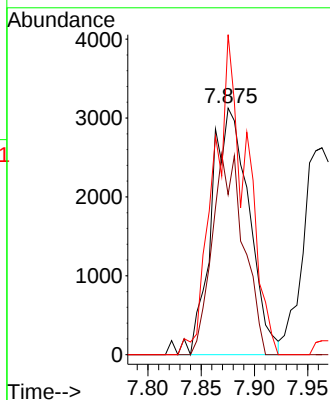
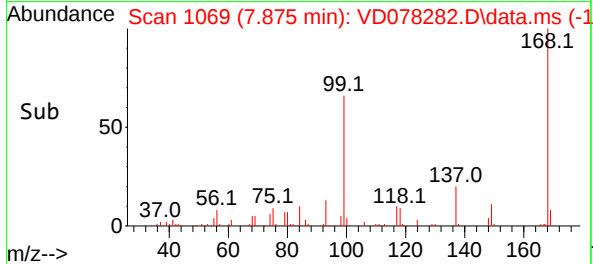
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 56 Resp: 769
Ion Ratio Lower Upper
56 100
69 65.0 28.6 43.0
84 129.8 84.8 127.2

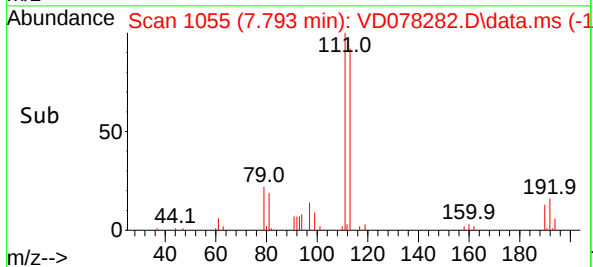
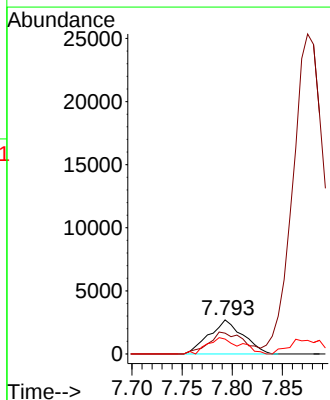
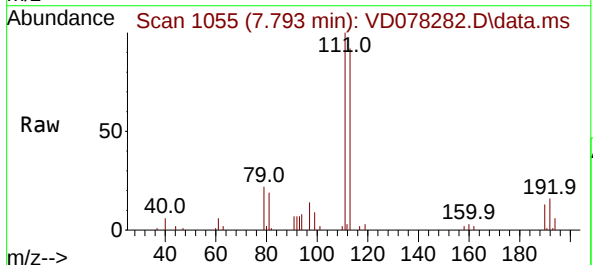
Manual Integrations
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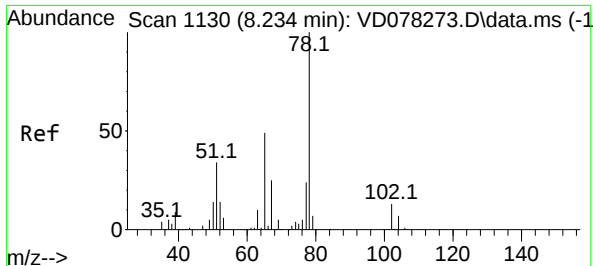
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#32
1,1,1-Trichloroethane
Concen: 2.859 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

Tgt Ion: 97 Resp: 6303
Ion Ratio Lower Upper
97 100
99 67.6 52.0 78.0
61 46.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.383 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 65 Resp: 61872

Ion Ratio Lower Upper

65 100

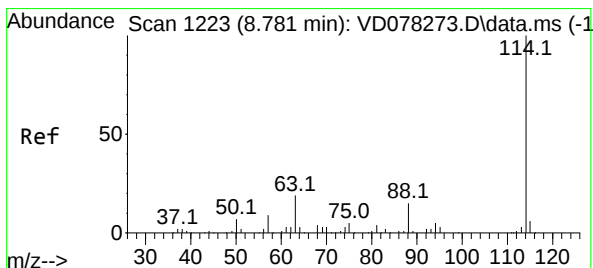
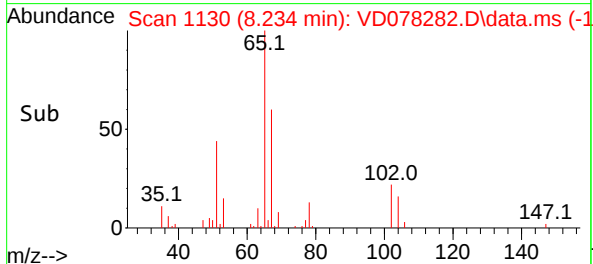
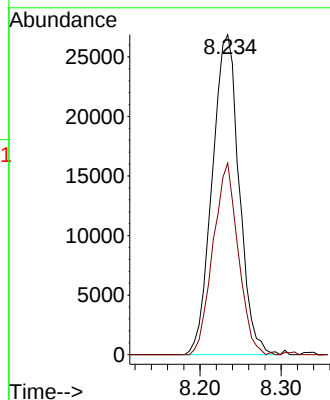
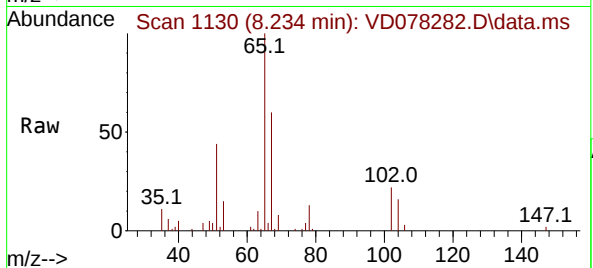
67 56.0 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

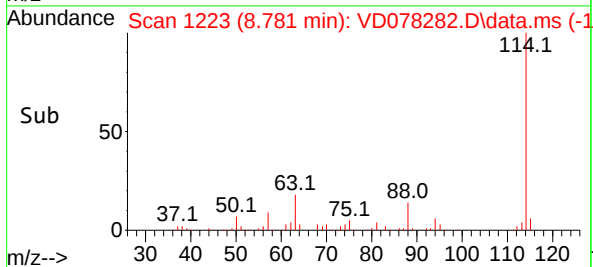
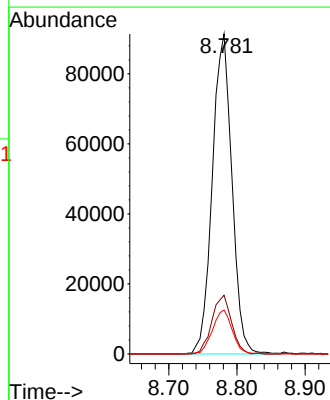
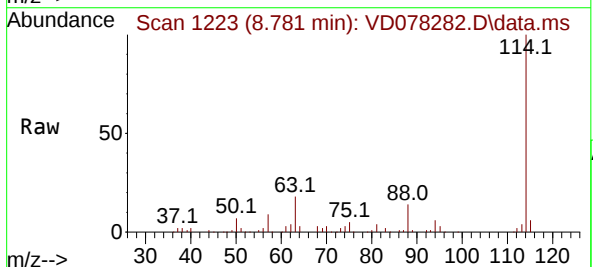
Tgt Ion:114 Resp: 183032

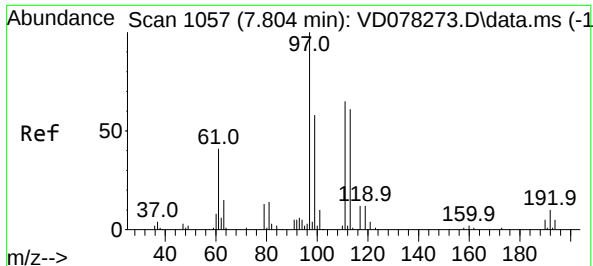
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.061 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

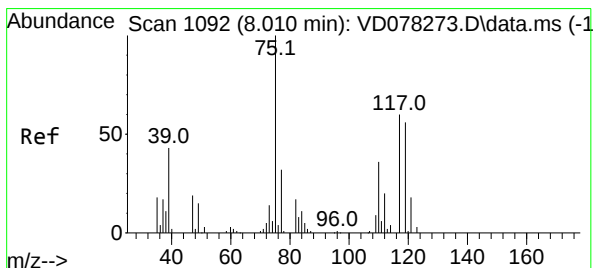
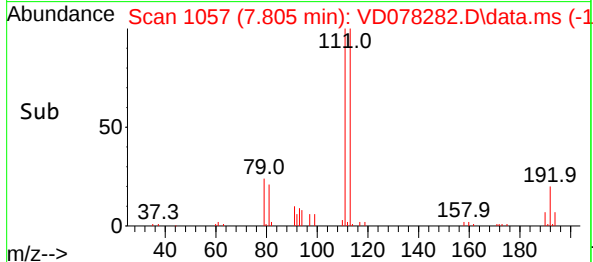
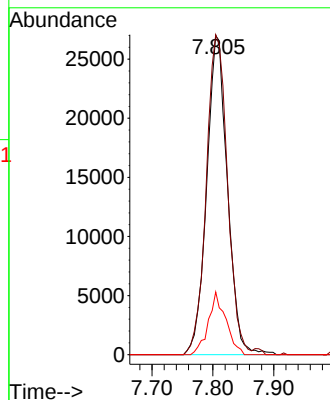
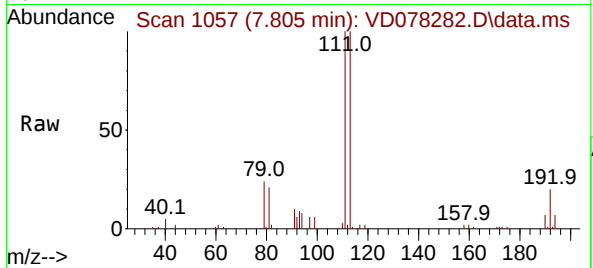
Tgt Ion:	113	Resp:	63929
Ion Ratio	Lower	Upper	
113	100		
111	102.2	84.7	127.1
192	16.6	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#36

1,1-Dichloropropene

Concen: 2.601 ug/l

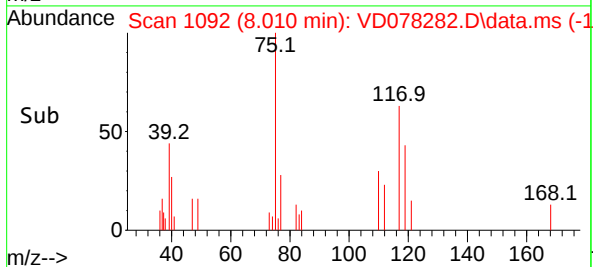
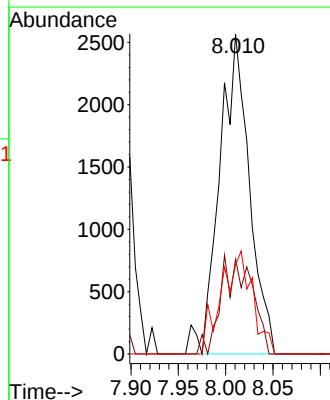
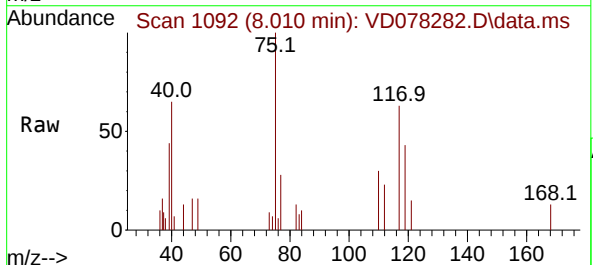
RT: 8.010 min Scan# 1092

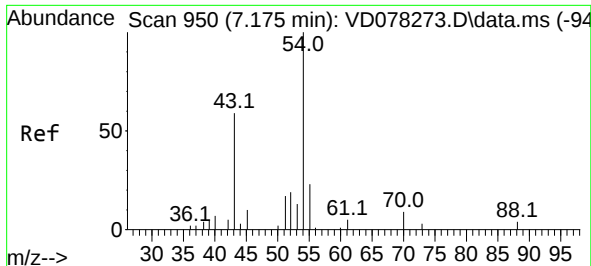
Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

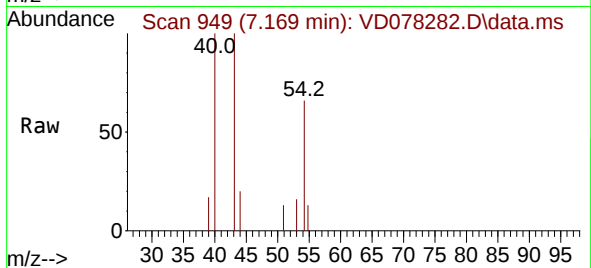
Tgt Ion:	75	Resp:	5620
Ion Ratio	Lower	Upper	
75	100		
110	31.8	19.9	59.6
77	33.6	24.7	37.1





#37
Ethyl Acetate
Concen: 3.475 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

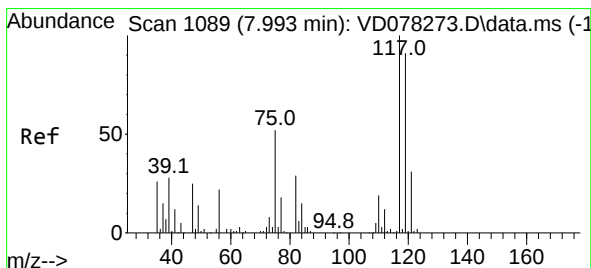
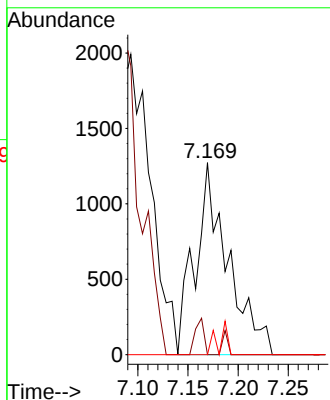
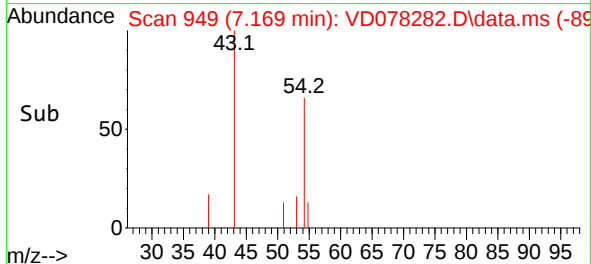
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 43 Resp: 2890
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3
70 2.0 10.0 15.0

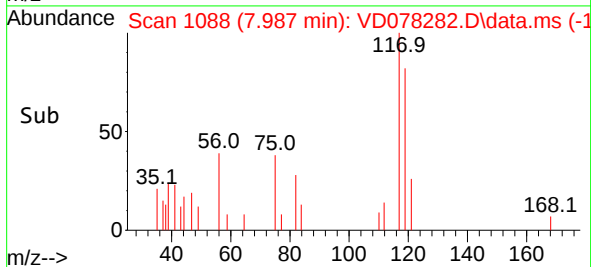
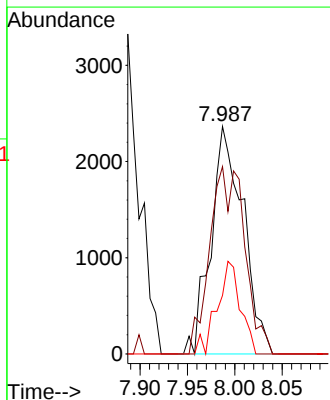
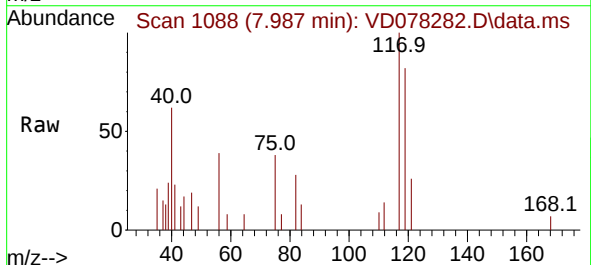
Manual Integrations
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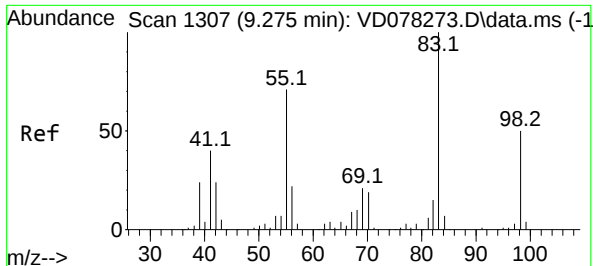
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#38
Carbon Tetrachloride
Concen: 2.636 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

Tgt Ion:117 Resp: 5601
Ion Ratio Lower Upper
117 100
119 82.4 78.0 117.0
121 25.8 24.2 36.2





#39

Methylcyclohexane

Concen: 2.537 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

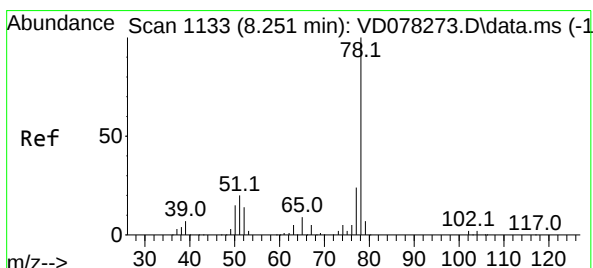
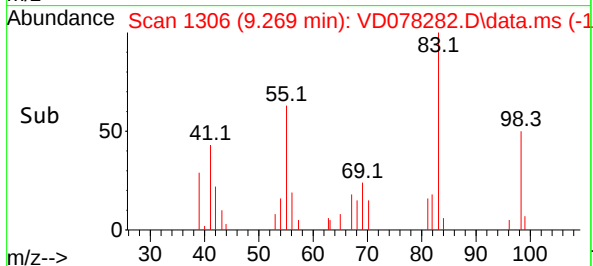
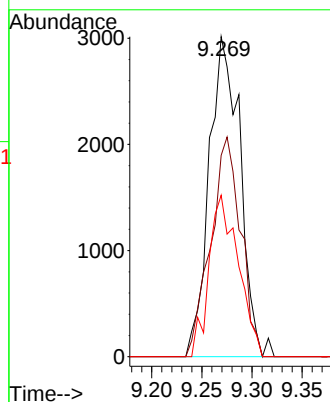
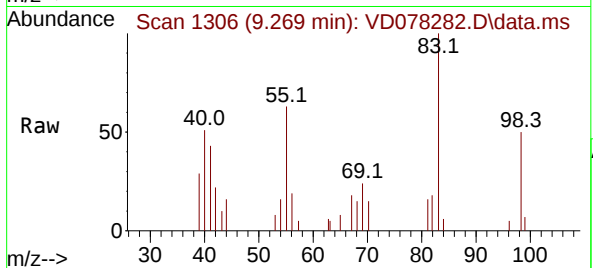
MDL-SOIL-03-QT1-2024

Tgt Ion: 83	Resp: 648
Ion Ratio	Lower Upper
83 100	
55 62.9	49.4 74.0
98 50.5	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#40

Benzene

Concen: 2.556 ug/l

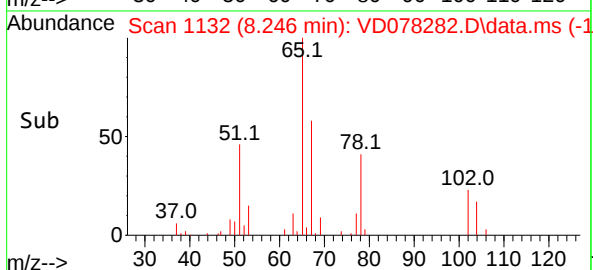
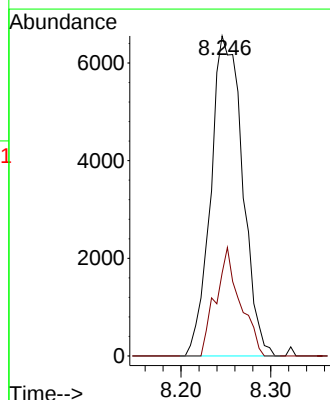
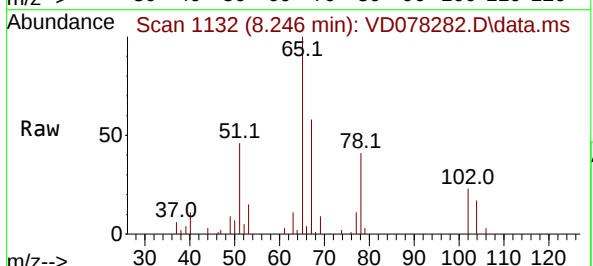
RT: 8.246 min Scan# 1132

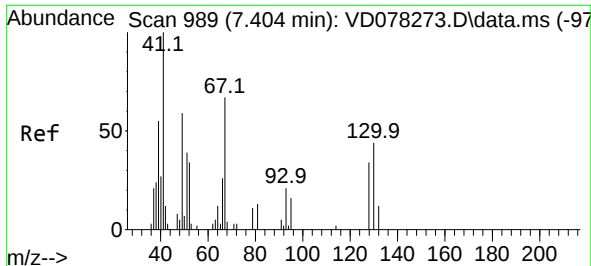
Delta R.T. -0.006 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

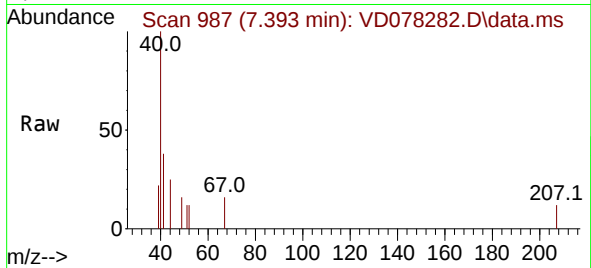
Tgt Ion: 78	Resp: 16118
Ion Ratio	Lower Upper
78 100	
77 25.9	19.4 29.0





#41
Methacrylonitrile
Concen: 1.704 ug/l m
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

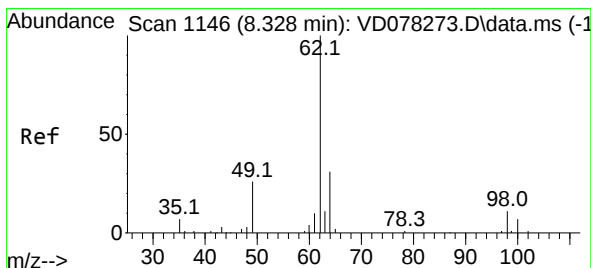
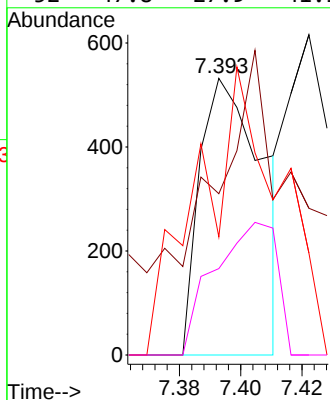
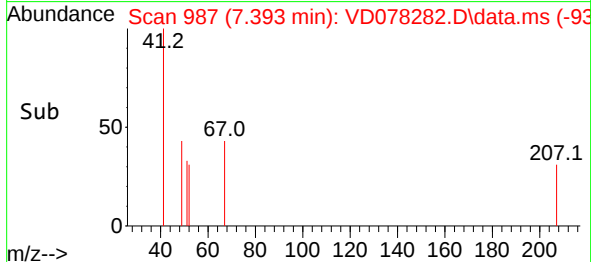
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 41 Resp: 762
Ion Ratio Lower Upper
41 100
39 148.6 34.0 51.0
67 133.3 77.0 115.4
52 47.8 27.9 41.9#

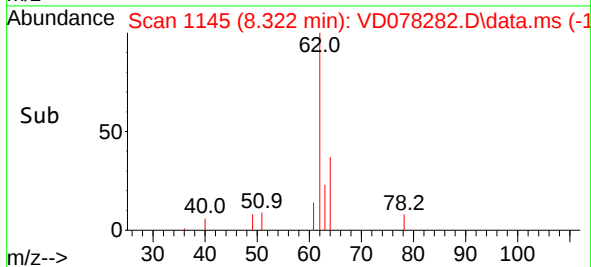
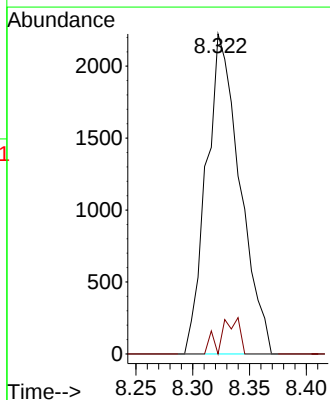
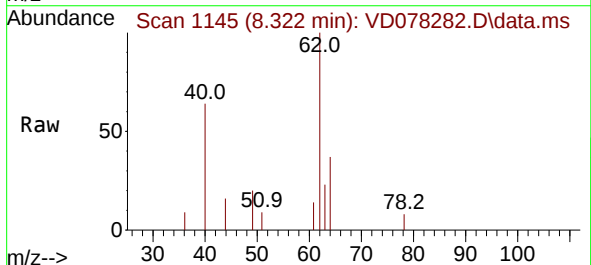
Manual Integrations
APPROVED

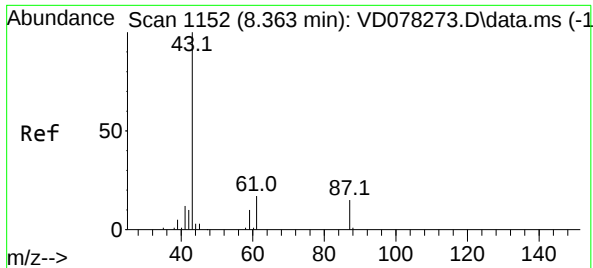
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#42
1,2-Dichloroethane
Concen: 2.797 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

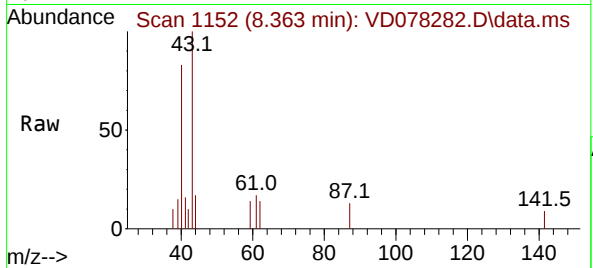
Tgt Ion: 62 Resp: 4574
Ion Ratio Lower Upper
62 100
98 6.4 0.0 25.4





#43
Isopropyl Acetate
Concen: 2.548 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

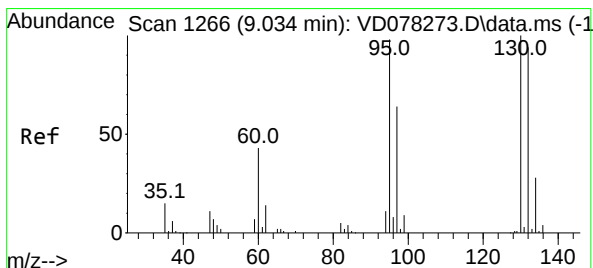
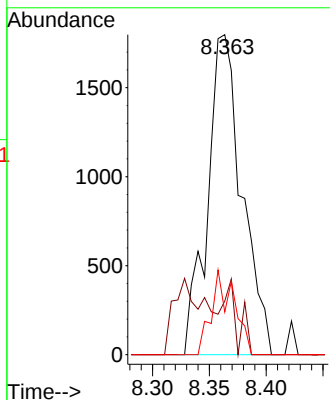
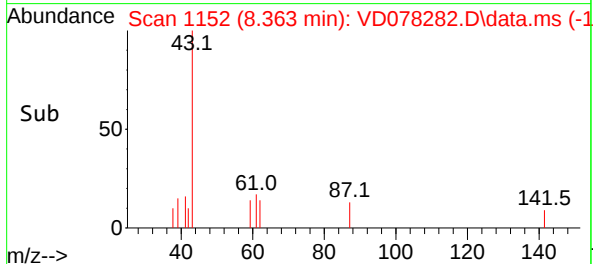
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



Tgt Ion: 43 Resp: 3799
Ion Ratio Lower Upper
43 100
61 0.0 31.4 47.0
87 17.2 14.9 22.3

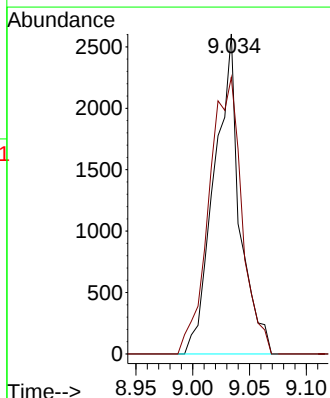
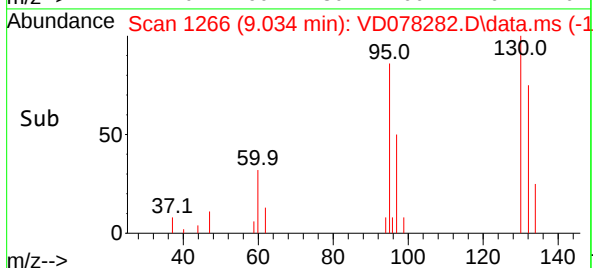
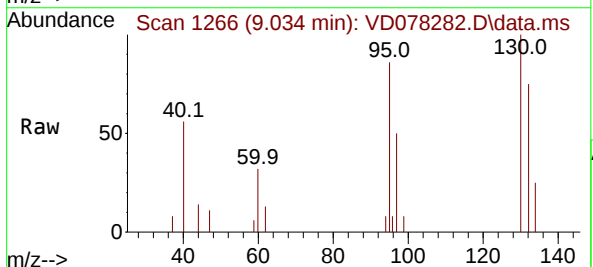
Manual Integrations
APPROVED

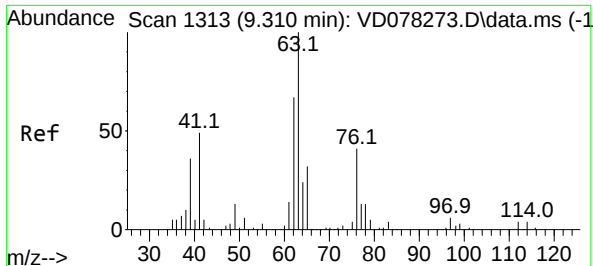
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#44
Trichloroethene
Concen: 2.633 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

Tgt Ion:130 Resp: 4076
Ion Ratio Lower Upper
130 100
95 86.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 2.710 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

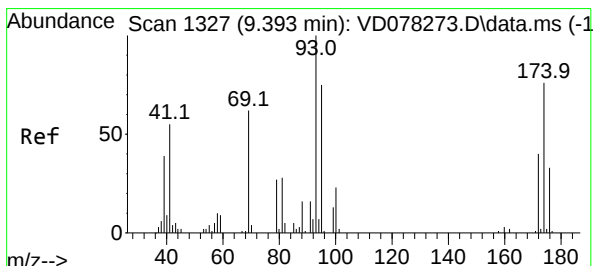
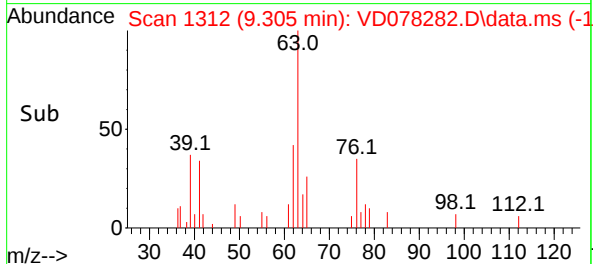
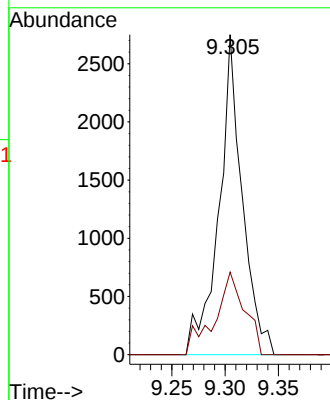
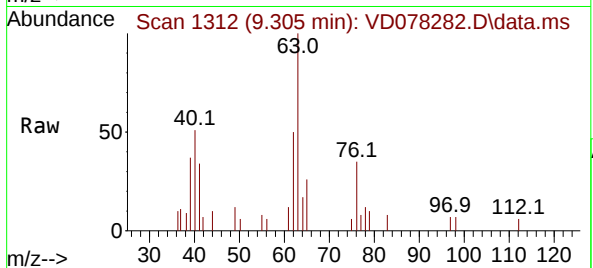
MDL-SOIL-03-QT1-2024

Tgt Ion: 63 Resp: 4178
 Ion Ratio Lower Upper
 63 100
 65 25.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#46

Dibromomethane

Concen: 2.225 ug/l

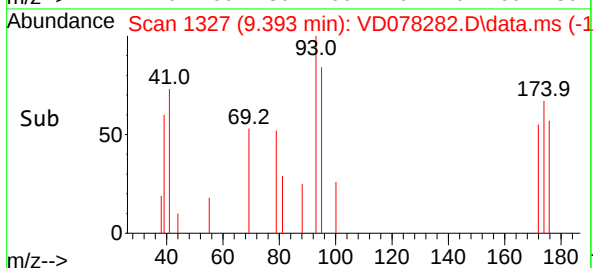
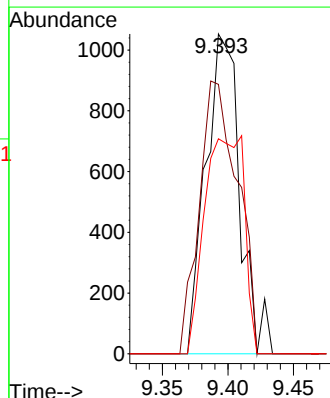
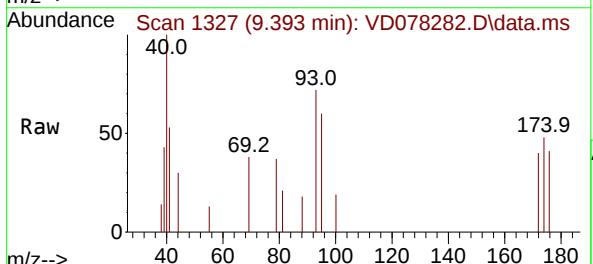
RT: 9.393 min Scan# 1327

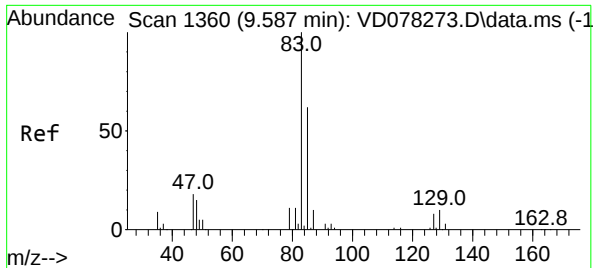
Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Tgt Ion: 93 Resp: 1903
 Ion Ratio Lower Upper
 93 100
 95 96.3 67.7 101.5
 174 0.0 85.4 128.2#





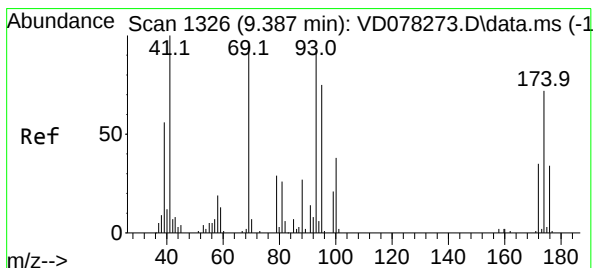
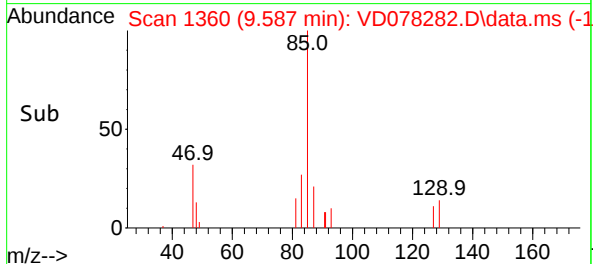
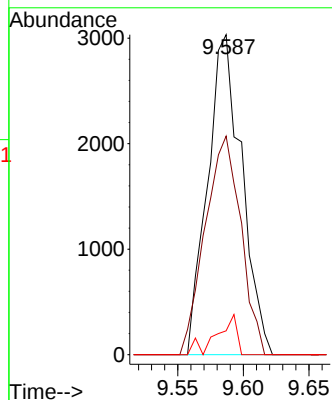
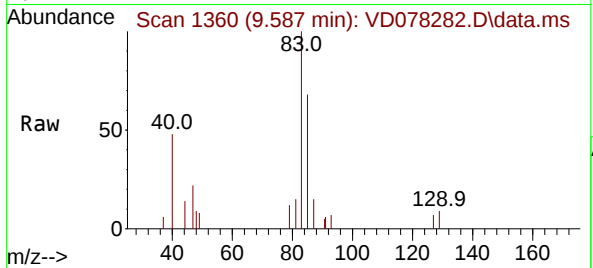
#47
Bromodichloromethane
Concen: 2.614 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

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

Tgt Ion: 83 Resp: 5500
Ion Ratio Lower Upper
83 100
85 68.3 50.2 75.4
127 7.5 6.3 9.5

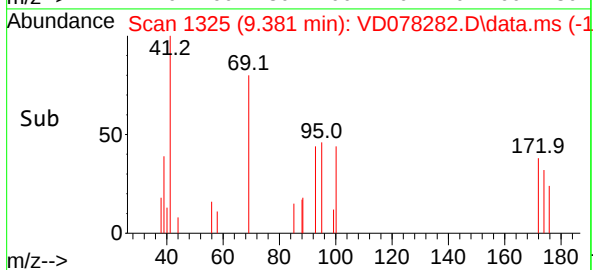
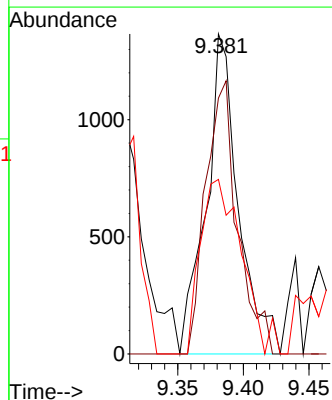
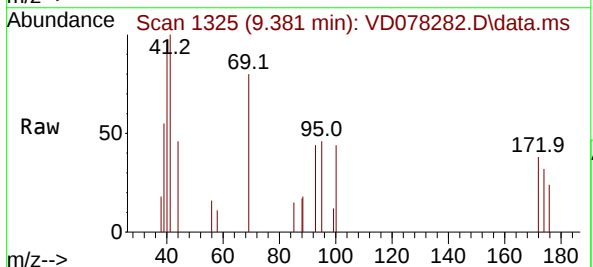
Manual Integrations
APPROVED

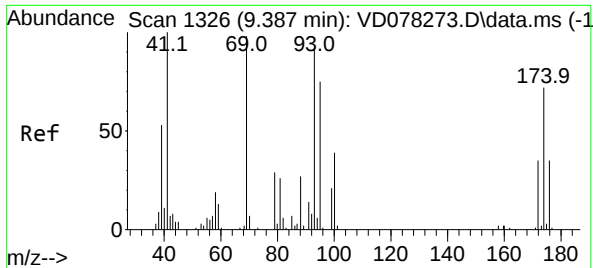
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#48
Methyl methacrylate
Concen: 3.284 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

Tgt Ion: 41 Resp: 2340
Ion Ratio Lower Upper
41 100
69 84.4 102.2 153.2#
39 70.3 41.4 62.2#





#49

1,4-Dioxane

Concen: 53.990 ug/l

RT: 9.381 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

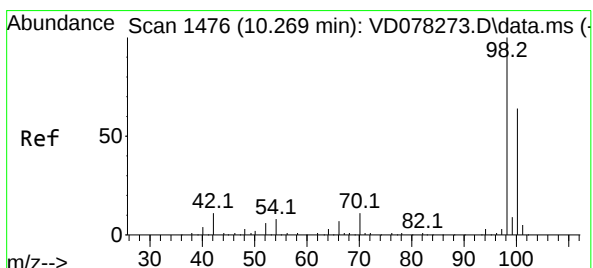
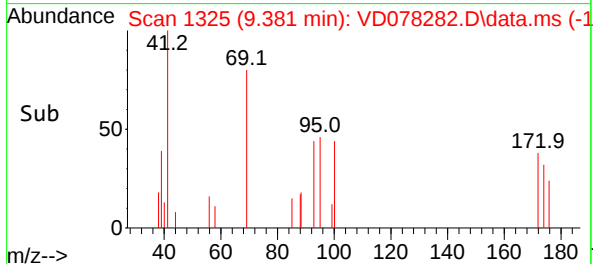
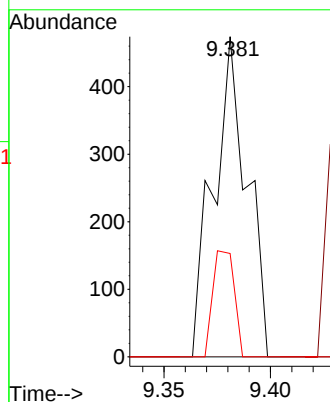
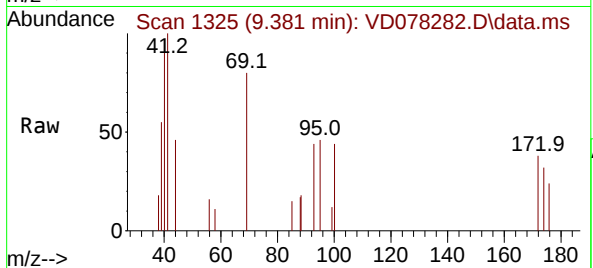
Tgt Ion: 88 Resp: 518

Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.0	28.6
58	21.0	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#50

Toluene-d8

Concen: 48.738 ug/l

RT: 10.269 min Scan# 1476

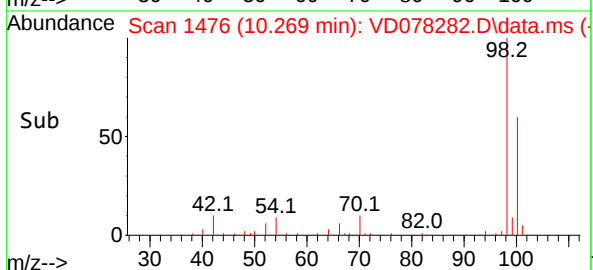
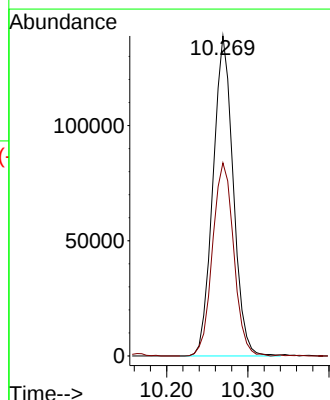
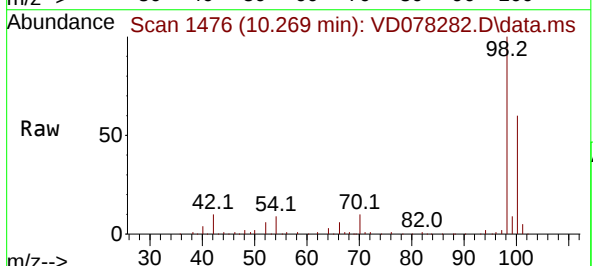
Delta R.T. 0.000 min

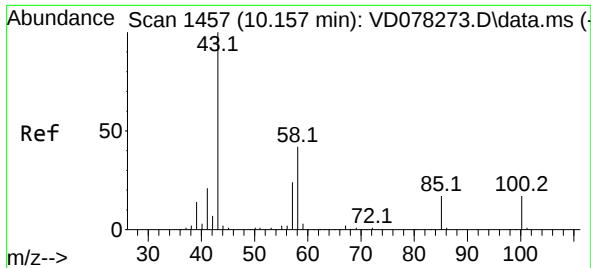
Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Tgt Ion: 98 Resp: 240445

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.3	75.5





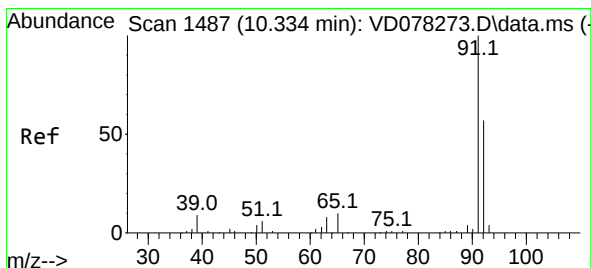
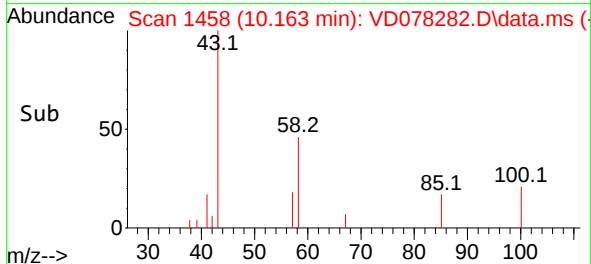
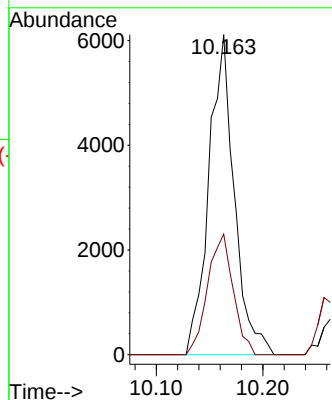
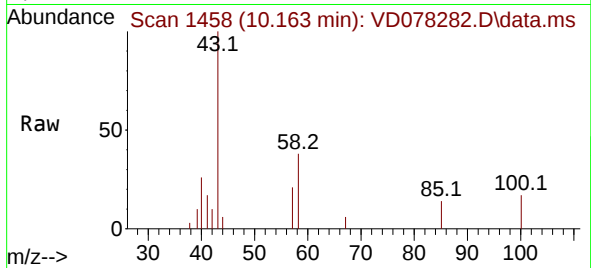
#51
4-Methyl-2-Pentanone
Concen: 12.566 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

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

Tgt Ion: 43 Resp: 10130
Ion Ratio Lower Upper
43 100
58 37.8 38.9 58.3

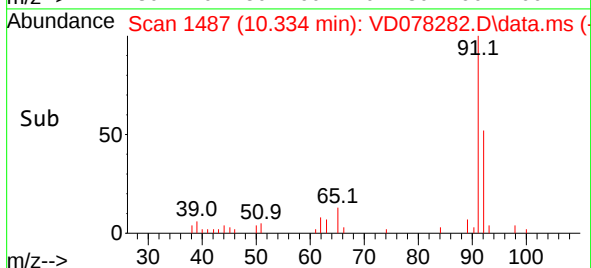
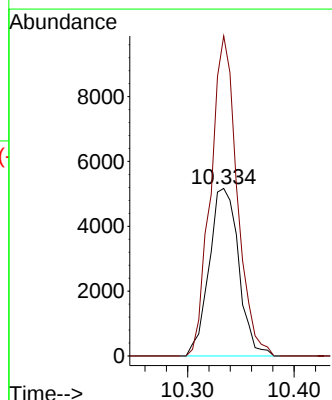
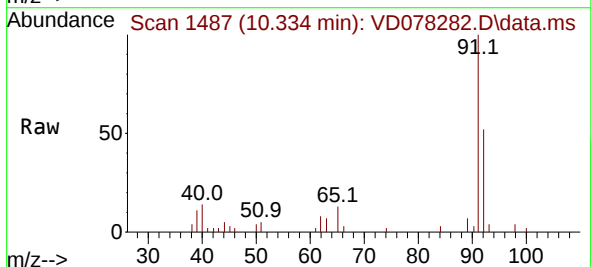
Manual Integrations
APPROVED

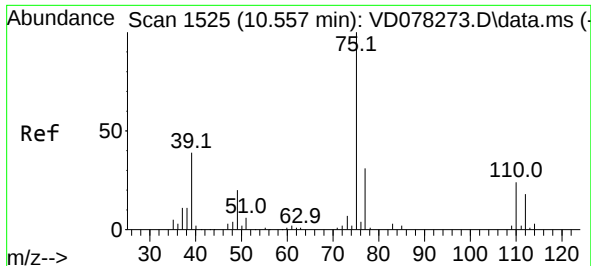
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#52
Toluene
Concen: 2.600 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

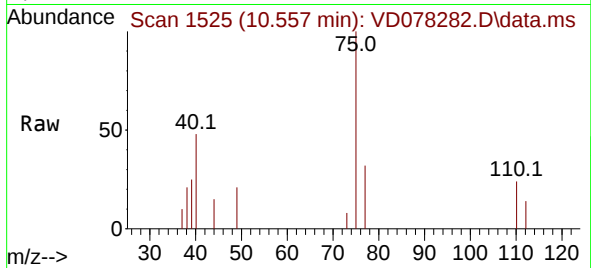
Tgt Ion: 92 Resp: 9944
Ion Ratio Lower Upper
92 100
91 171.7 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 2.591 ug/l
RT: 10.557 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

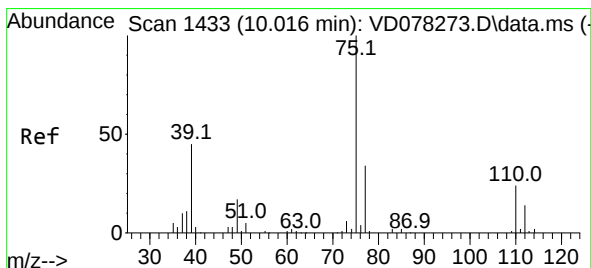
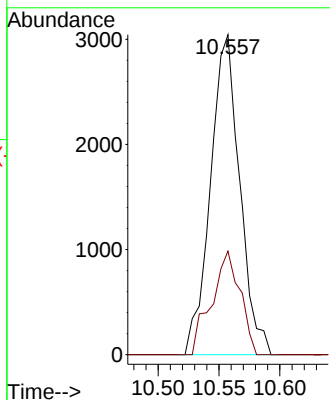
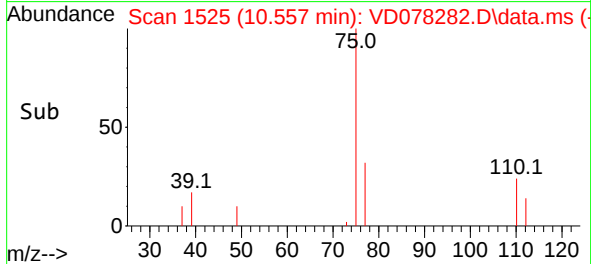
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



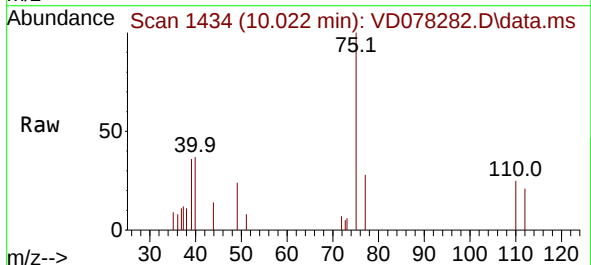
Tgt Ion: 75 Resp: 509
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9

Manual Integrations
APPROVED

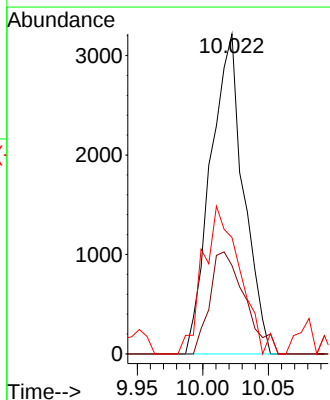
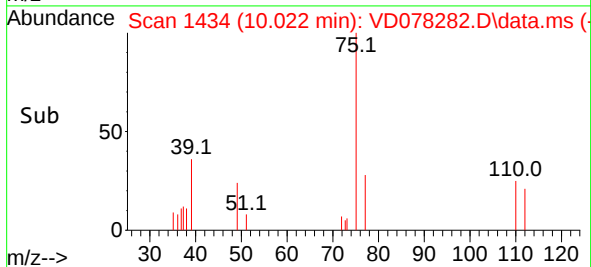
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

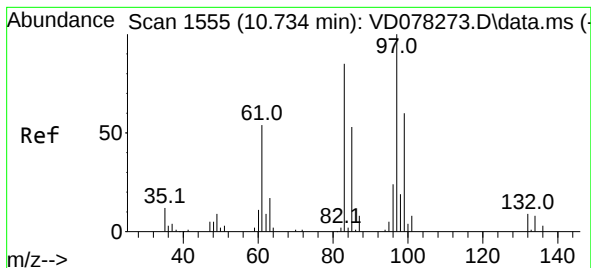


#54
cis-1,3-Dichloropropene
Concen: 2.420 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48



Tgt Ion: 75 Resp: 5632
Ion Ratio Lower Upper
75 100
77 27.6 25.5 38.3
39 36.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 3.123 ug/l

RT: 10.728 min Scan# 1555

Delta R.T. -0.006 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

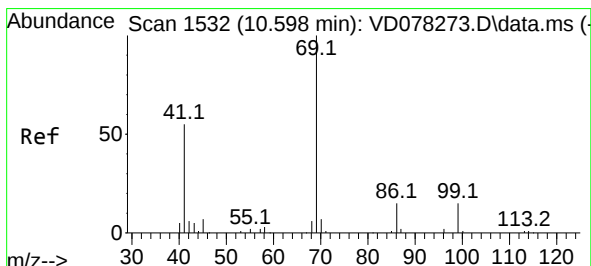
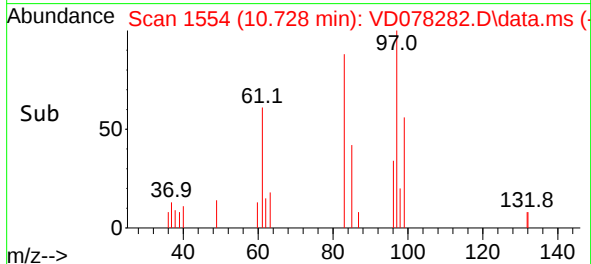
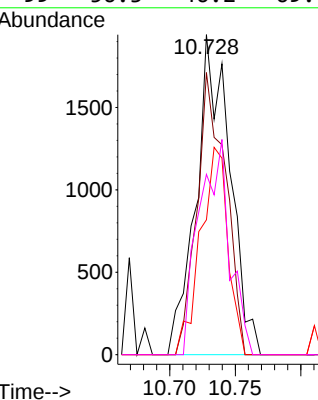
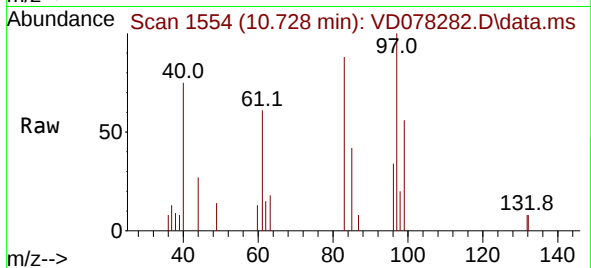
MDL-SOIL-03-QT1-2024

Tgt Ion: 97	Resp: 3480
Ion Ratio	Lower Upper
97 100	
83 88.2	65.8 98.6
85 42.2	45.7 68.5
99 56.3	46.2 69.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#56

Ethyl methacrylate

Concen: 1.724 ug/l

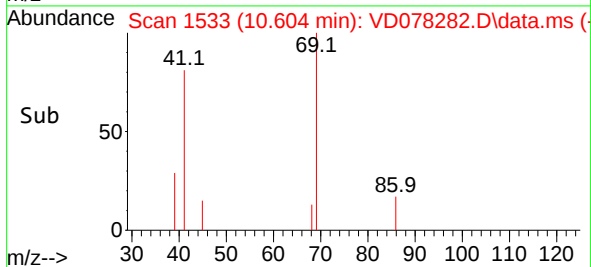
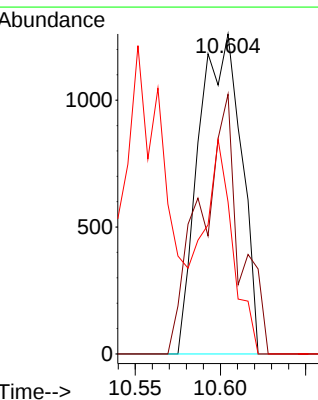
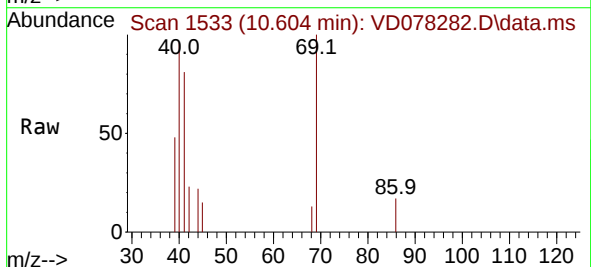
RT: 10.604 min Scan# 1533

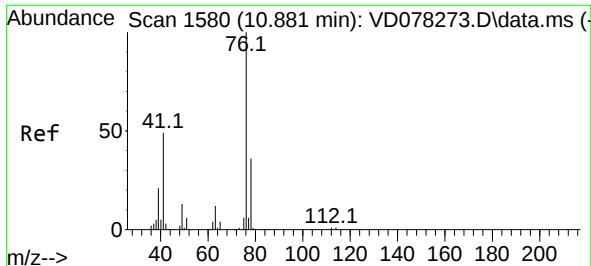
Delta R.T. 0.006 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Tgt Ion: 69	Resp: 2182		
Ion Ratio	Lower	Upper	
69 100			
41 75.2	39.1	58.7#	
39 45.7	20.0	30.0#	





#57

1,3-Dichloropropane

Concen: 2.655 ug/l

RT: 10.887 min Scan# 1580

Delta R.T. 0.006 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 76 Resp: 5110

Ion Ratio Lower Upper

76 100

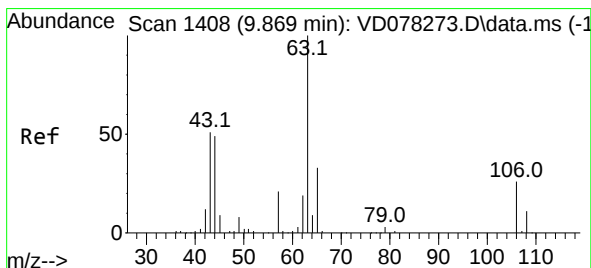
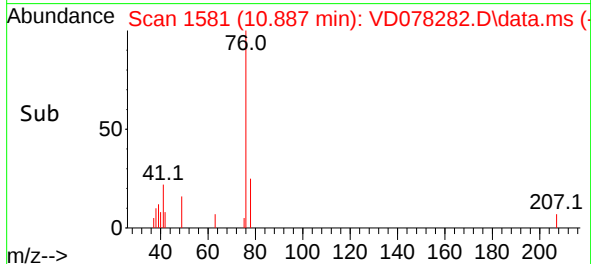
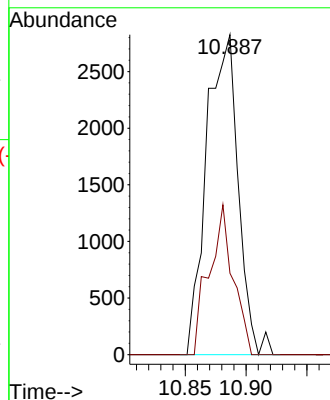
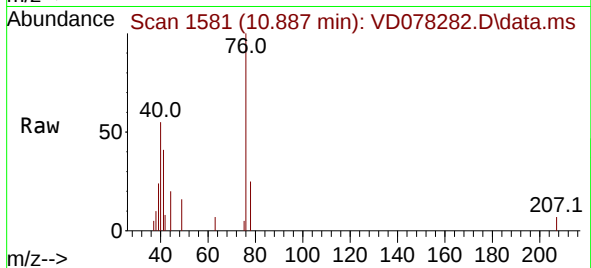
78 35.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#58

2-Chloroethyl Vinyl ether

Concen: 11.841 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078282.D

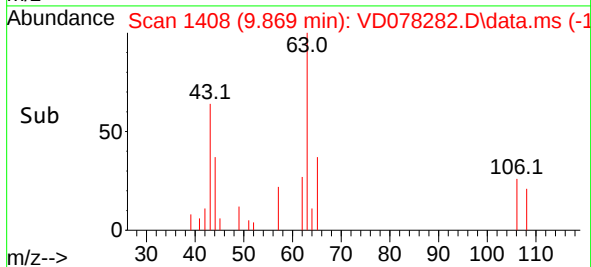
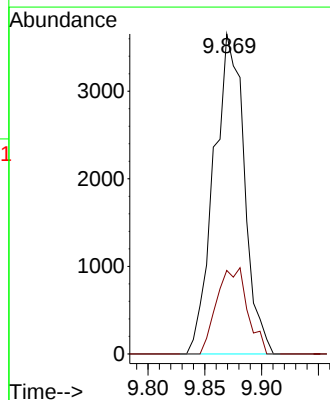
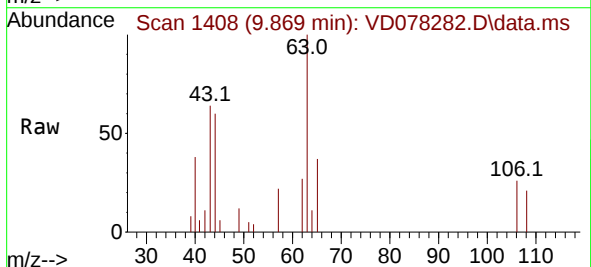
Acq: 30 Jan 2024 16:48

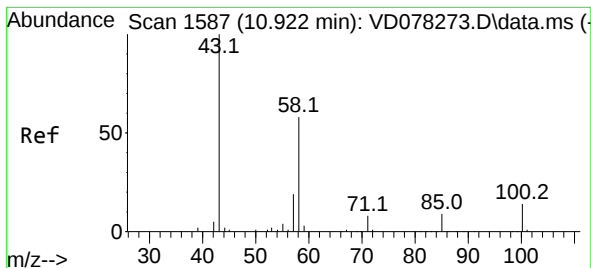
Tgt Ion: 63 Resp: 6817

Ion Ratio Lower Upper

63 100

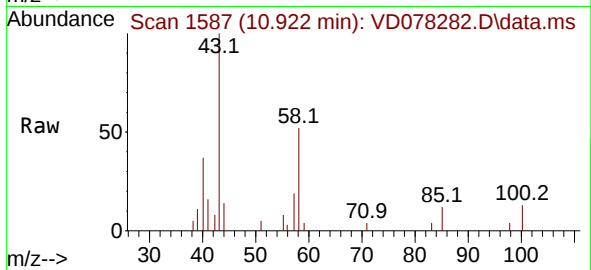
106 27.0 25.3 37.9





#59
2-Hexanone
Concen: 12.242 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

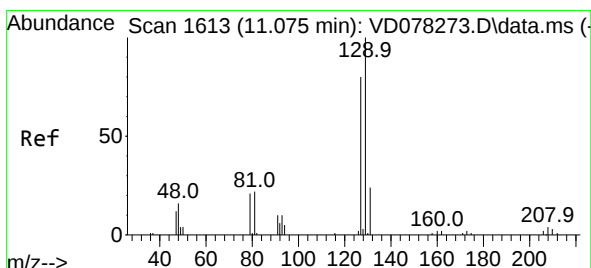
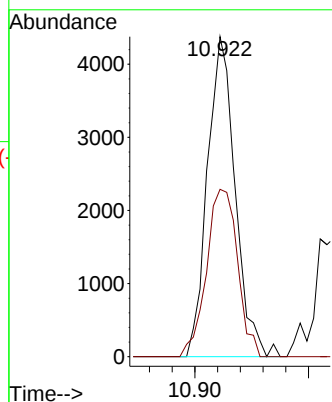
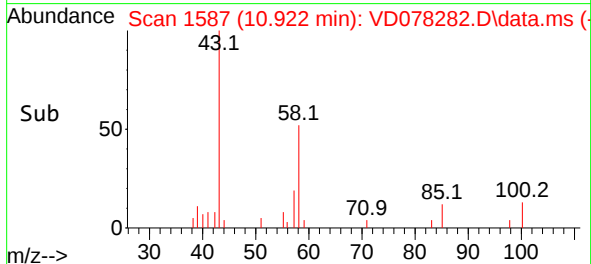
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
58 58.4 34.1 102.2

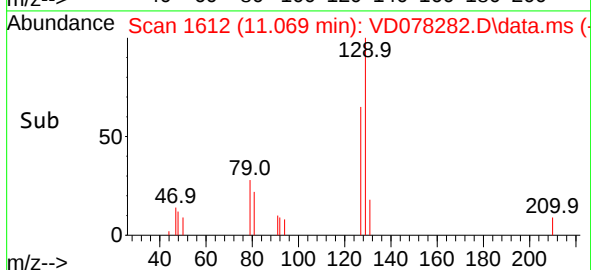
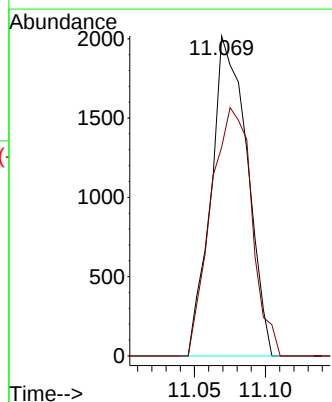
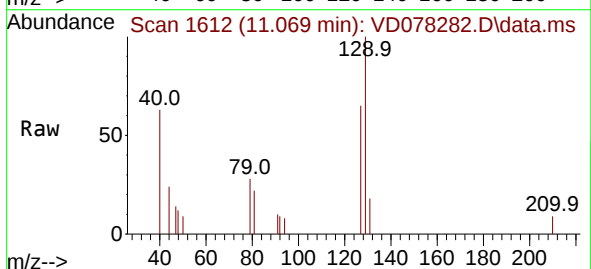
Manual Integrations
APPROVED

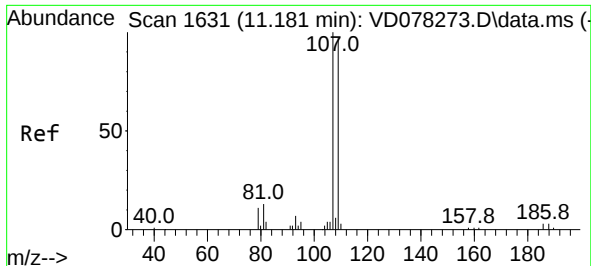
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#60
Dibromochloromethane
Concen: 2.750 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

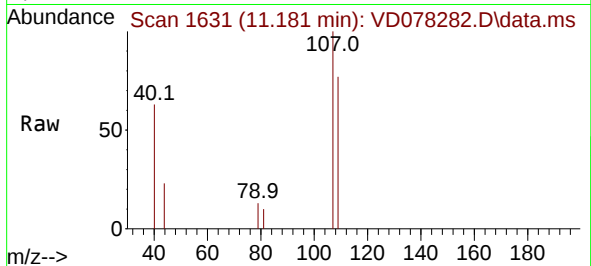
Tgt Ion:129 Resp: 3563
Ion Ratio Lower Upper
129 100
127 88.2 37.1 111.5





#61
1,2-Dibromoethane
Concen: 2.625 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

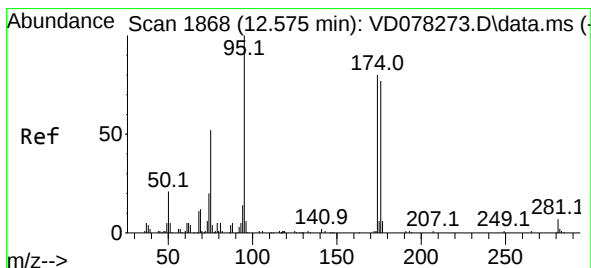
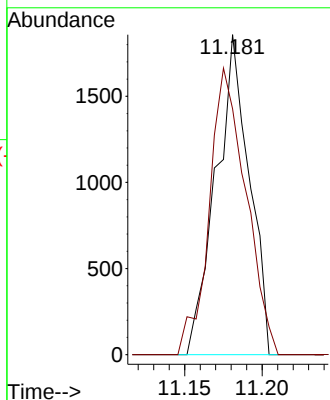
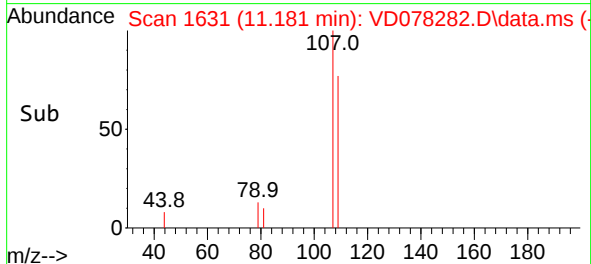
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion:107 Resp: 2760
Ion Ratio Lower Upper
107 100
109 98.8 75.6 113.4

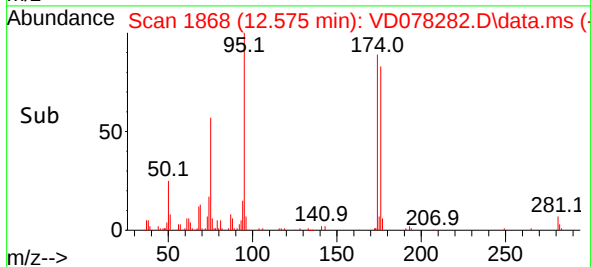
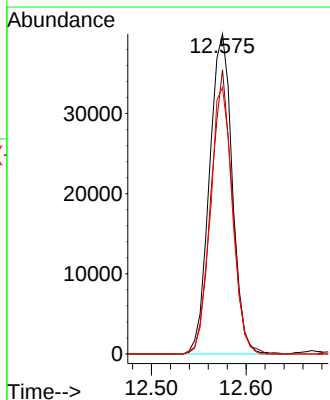
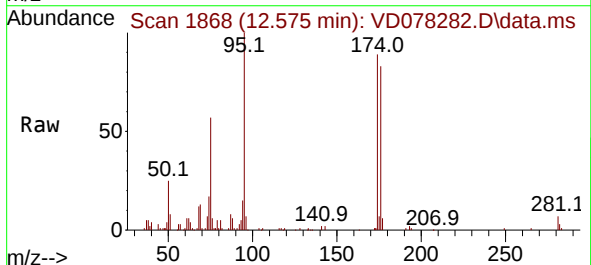
Manual Integrations
APPROVED

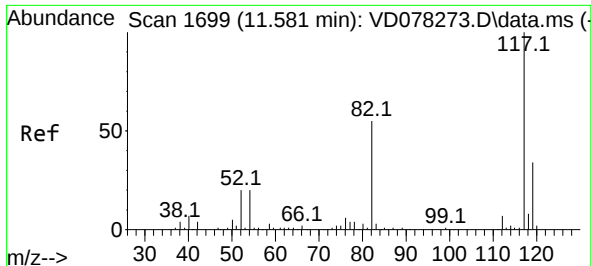
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#62
4-Bromofluorobenzene
Concen: 45.134 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

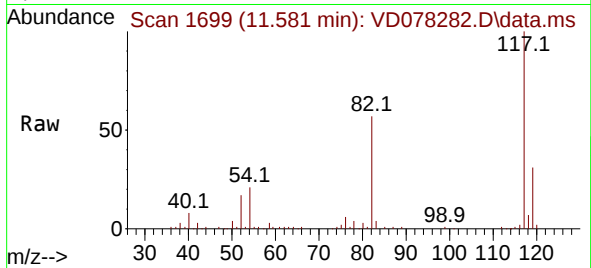
Tgt Ion: 95 Resp: 66682
Ion Ratio Lower Upper
95 100
174 82.9 0.0 201.8
176 81.1 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

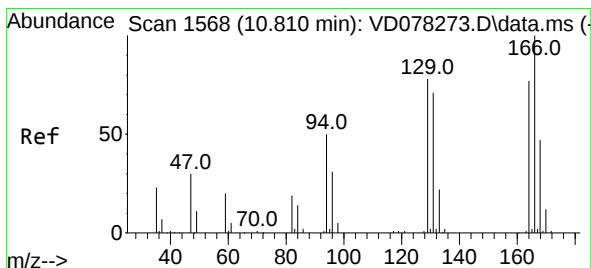
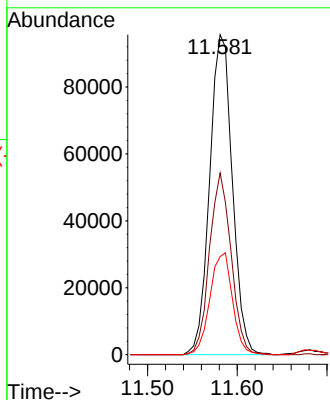
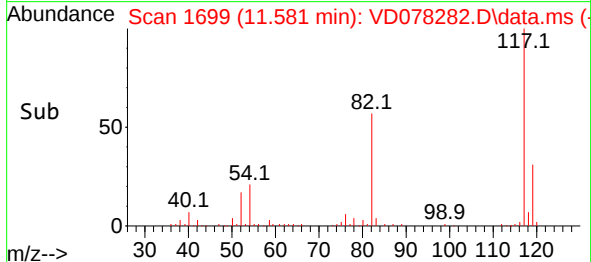
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion:117 Resp: 167915
Ion Ratio Lower Upper
117 100
82 56.8 38.3 57.5
119 30.6 25.0 37.4

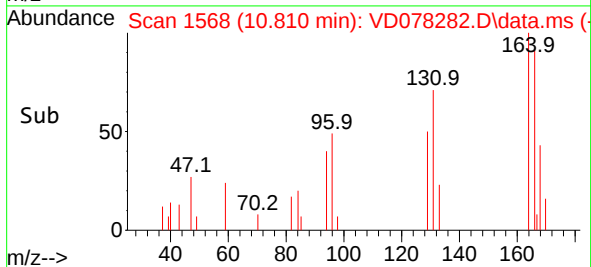
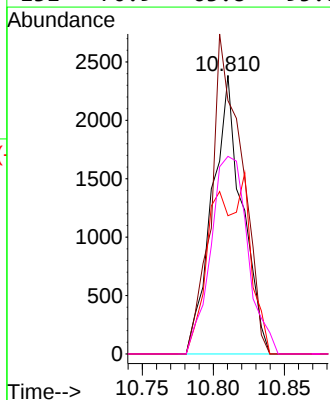
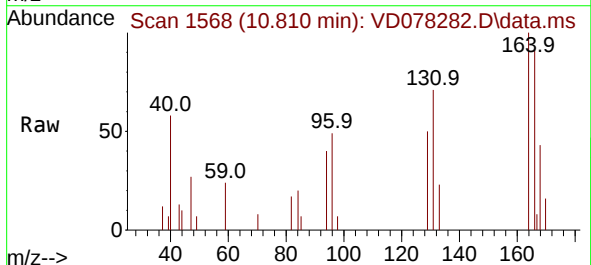
Manual Integrations
APPROVED

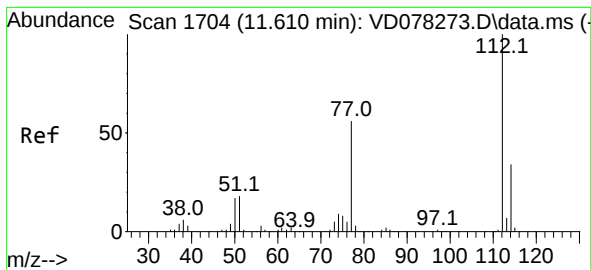
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#64
Tetrachloroethene
Concen: 2.992 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

Tgt Ion:164 Resp: 3504
Ion Ratio Lower Upper
164 100
166 90.9 99.2 148.8#
129 49.6 68.4 102.6#
131 70.9 63.8 95.8





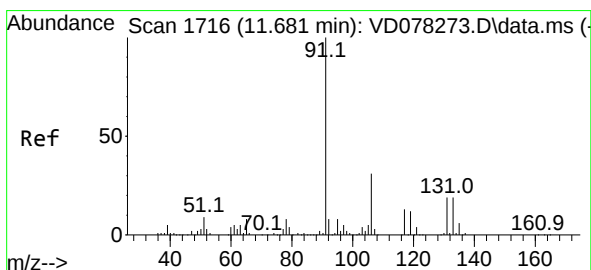
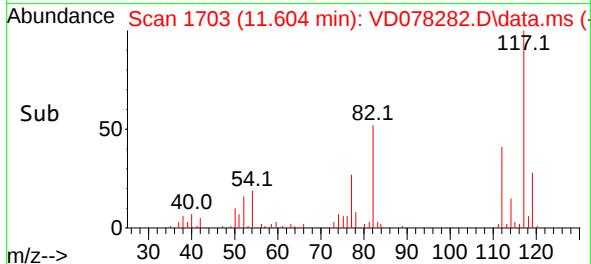
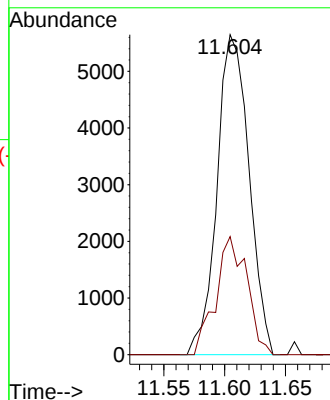
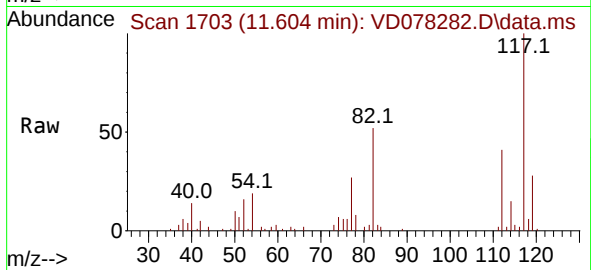
#65
Chlorobenzene
Concen: 2.572 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

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

Tgt Ion:112 Resp: 1033
Ion Ratio Lower Upper
112 100
114 36.9 25.1 37.7

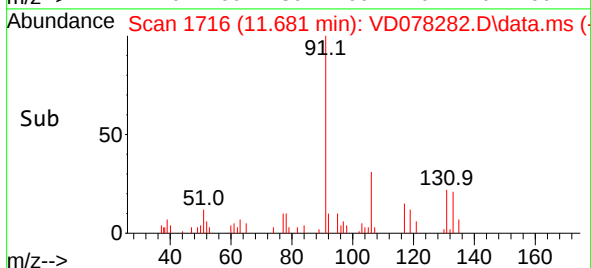
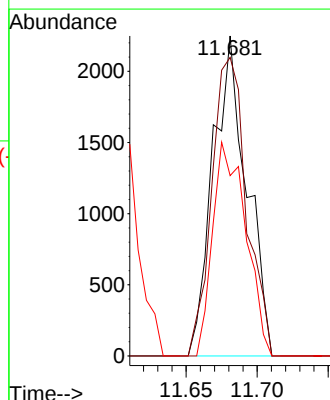
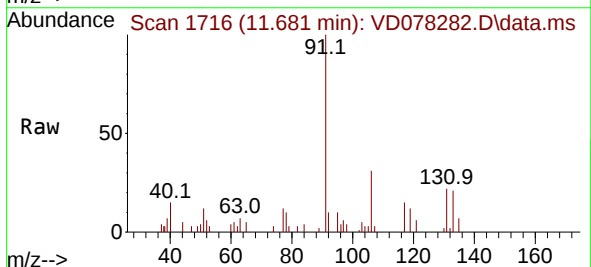
Manual Integrations
APPROVED

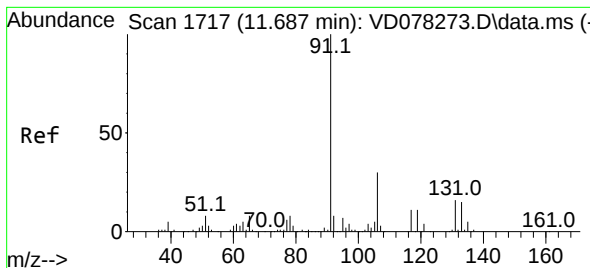
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 2.613 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

Tgt Ion:131 Resp: 3737
Ion Ratio Lower Upper
131 100
133 95.5 48.5 145.5
119 65.3 35.6 106.9





#67

Ethyl Benzene

Concen: 2.472 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

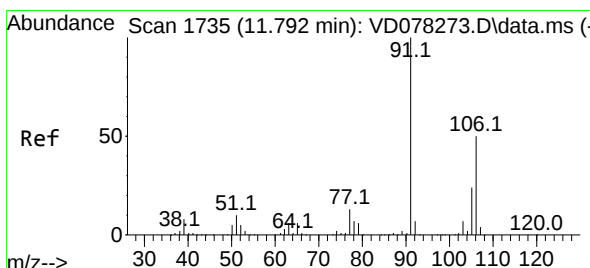
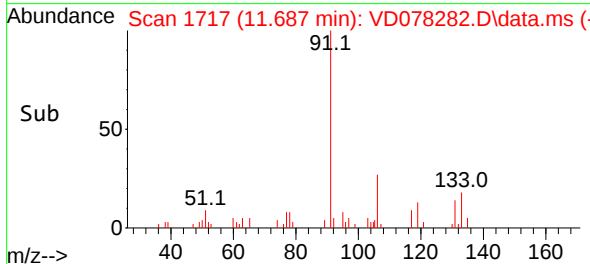
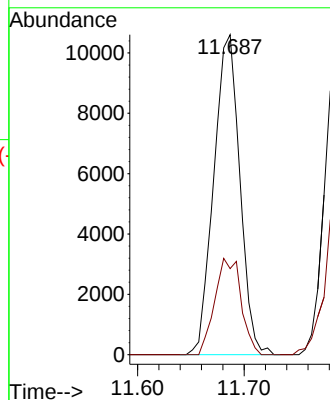
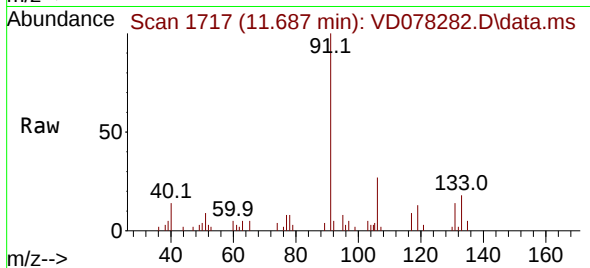
MDL-SOIL-03-QT1-2024

Tgt Ion: 91 Resp: 1799
 Ion Ratio Lower Upper
 91 100
 106 26.9 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#68

m/p-Xylenes

Concen: 4.566 ug/l

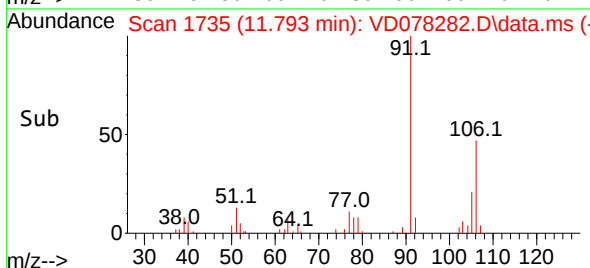
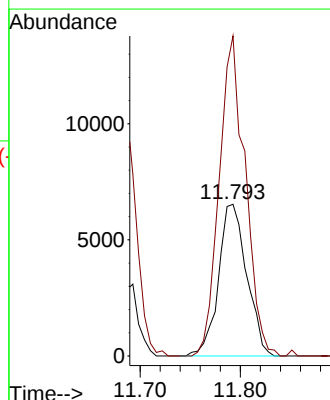
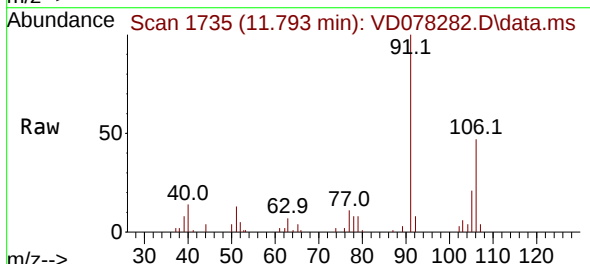
RT: 11.793 min Scan# 1735

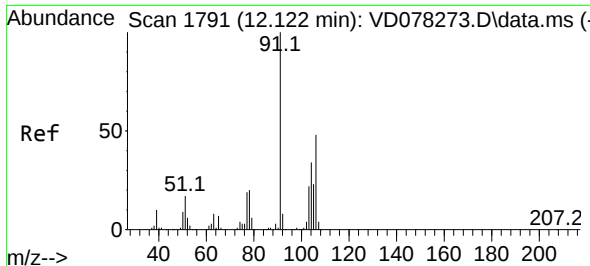
Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Tgt Ion:106 Resp: 12782
 Ion Ratio Lower Upper
 106 100
 91 195.0 147.0 220.6





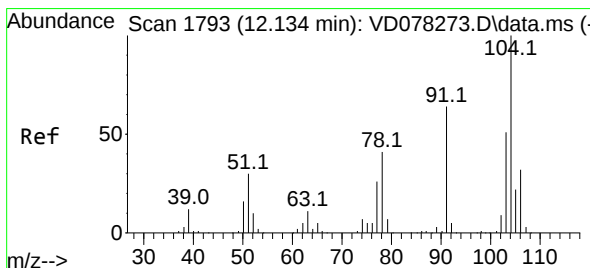
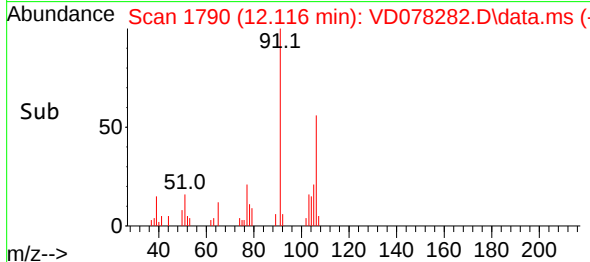
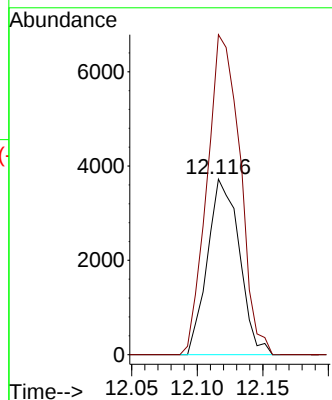
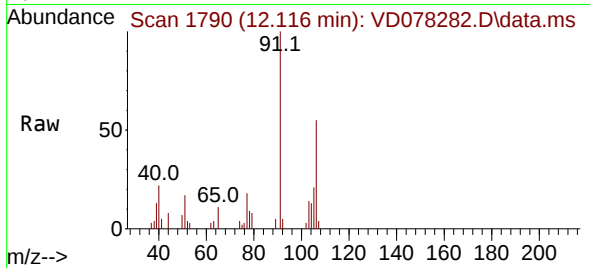
#69
o-Xylene
Concen: 2.447 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

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

Tgt Ion:106 Resp: 6298
Ion Ratio Lower Upper
106 100
91 188.5 97.9 293.6

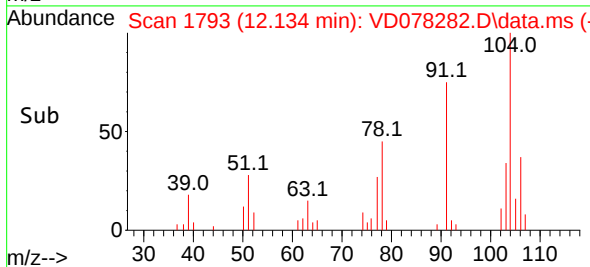
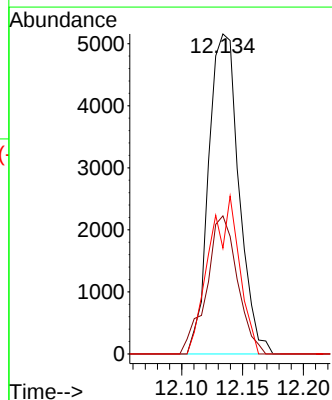
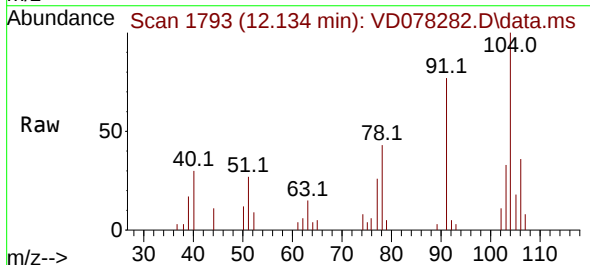
Manual Integrations
APPROVED

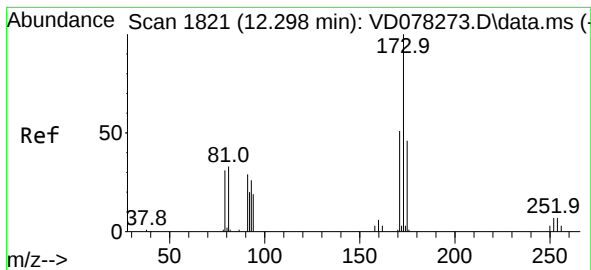
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#70
Styrene
Concen: 2.027 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

Tgt Ion:104 Resp: 8908
Ion Ratio Lower Upper
104 100
78 44.1 33.2 49.8
103 49.0 43.6 65.4





#71

Bromoform

Concen: 2.782 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

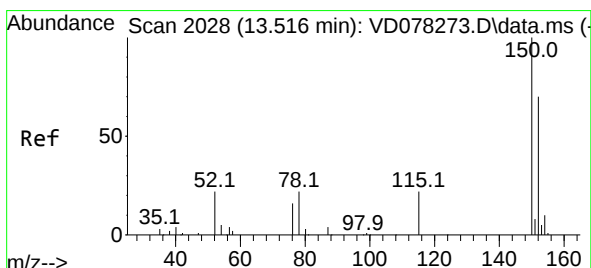
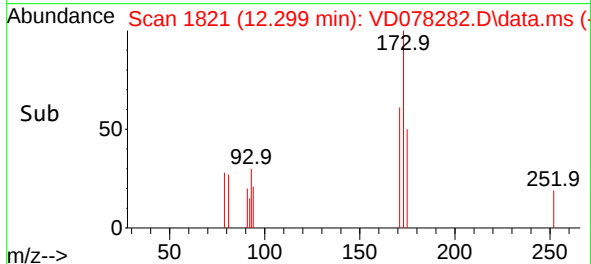
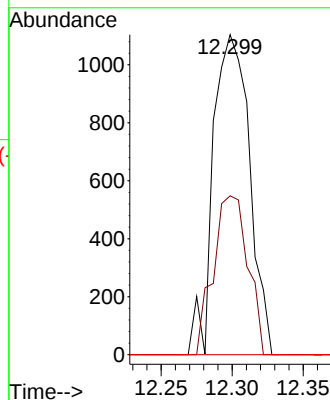
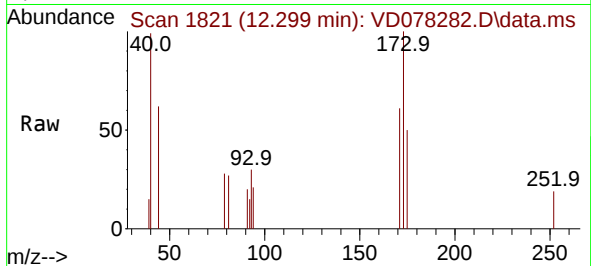
MDL-SOIL-03-QT1-2024

Tgt Ion:173	Resp:	1960
Ion Ratio	Lower	Upper
173	100	
175	47.4	24.6 73.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

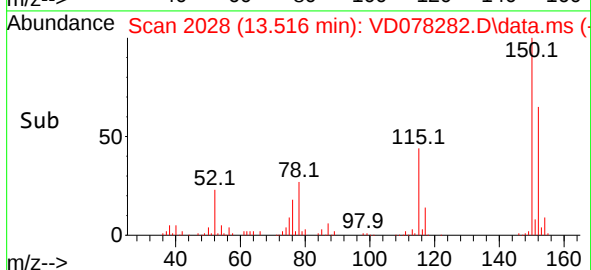
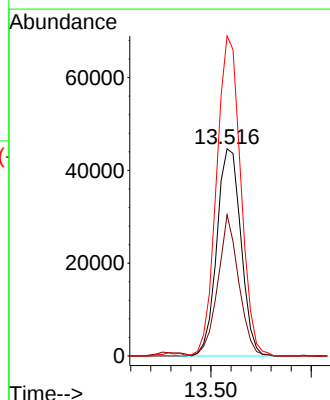
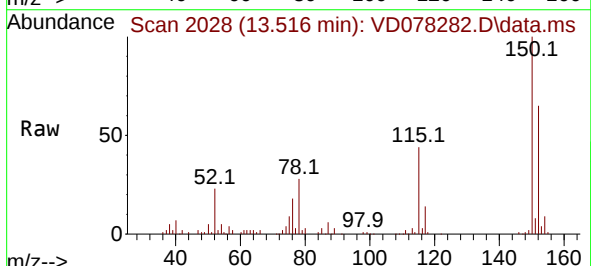
RT: 13.516 min Scan# 2028

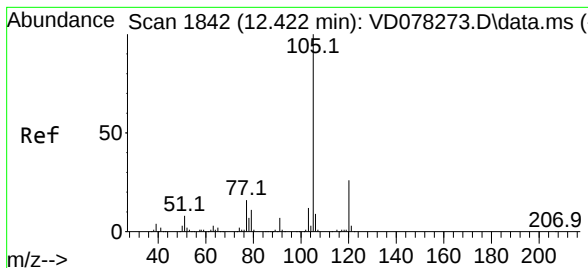
Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Tgt Ion:152	Resp:	74591
Ion Ratio	Lower	Upper
152	100	
115	59.2	27.1 81.3
150	154.5	0.0 353.6





#73

Isopropylbenzene

Concen: 2.506 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

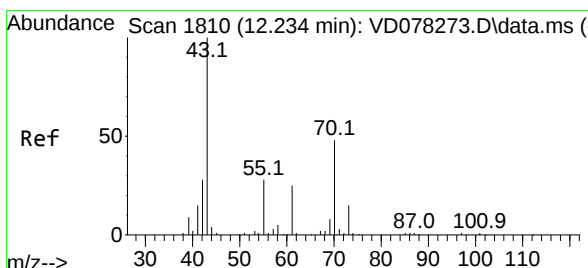
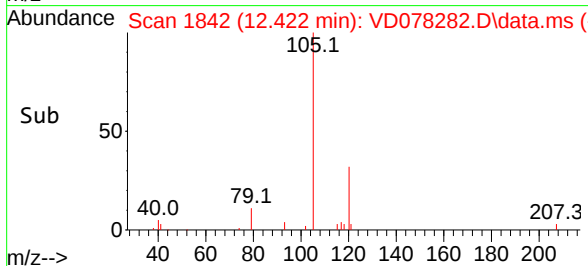
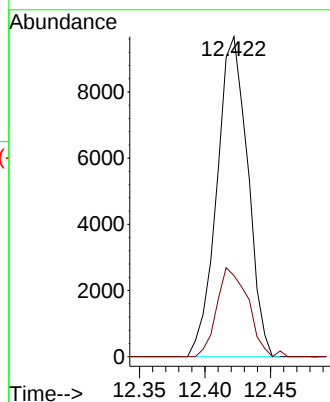
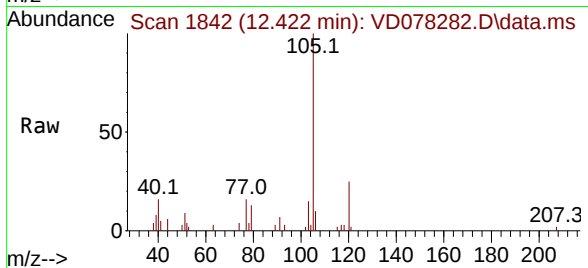
MDL-SOIL-03-QT1-2024

Tgt Ion: 105 Resp: 1581
 Ion Ratio Lower Upper
 105 100
 120 28.2 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#74

N-ethyl acetate

Concen: 2.554 ug/l

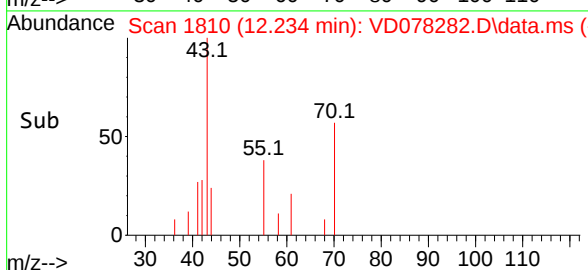
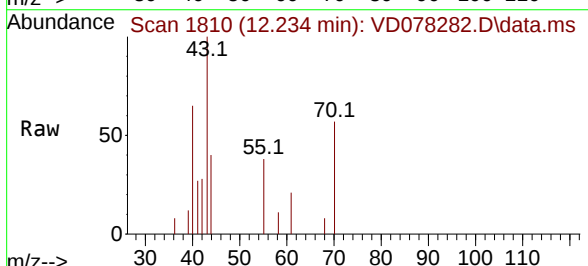
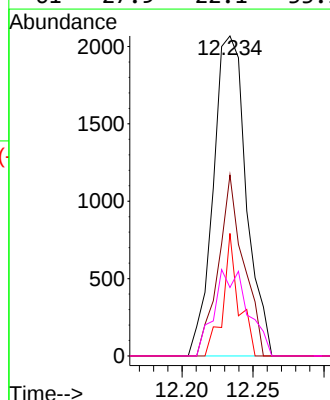
RT: 12.234 min Scan# 1810

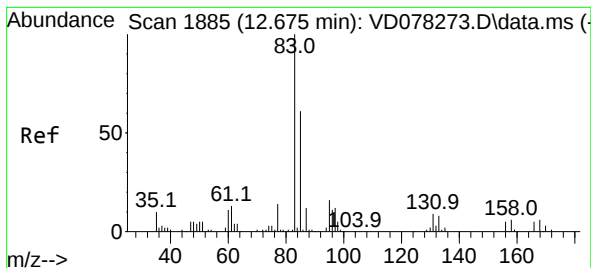
Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

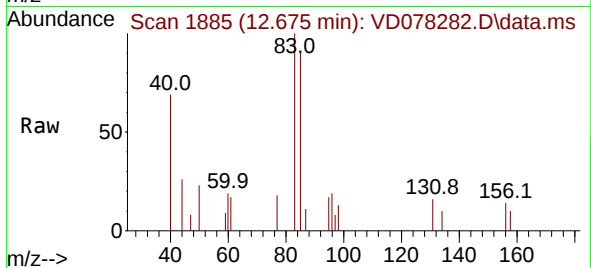
Tgt Ion: 43 Resp: 3334
 Ion Ratio Lower Upper
 43 100
 70 43.0 45.0 67.4#
 55 18.3 23.8 35.6#
 61 27.9 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 2.809 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

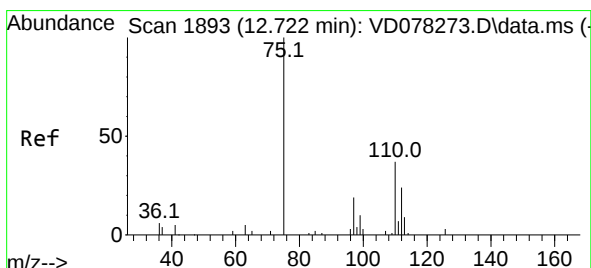
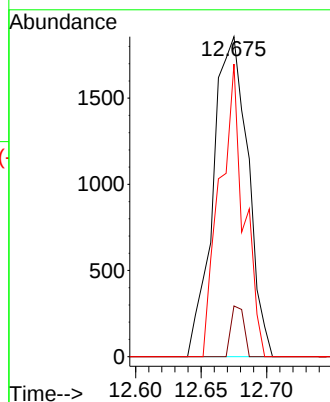
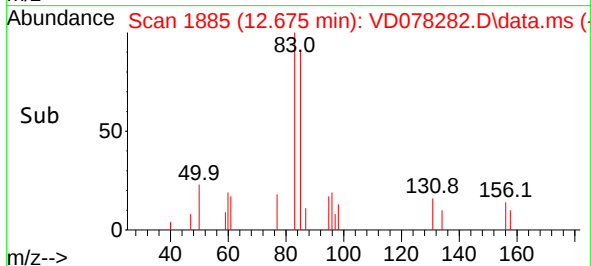
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



Tgt Ion: 83 Resp: 342
Ion Ratio Lower Upper
83 100
131 5.8 5.1 15.3
85 63.8 32.6 97.8

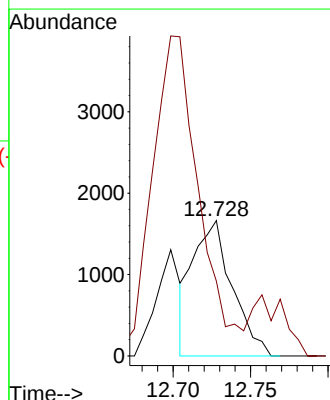
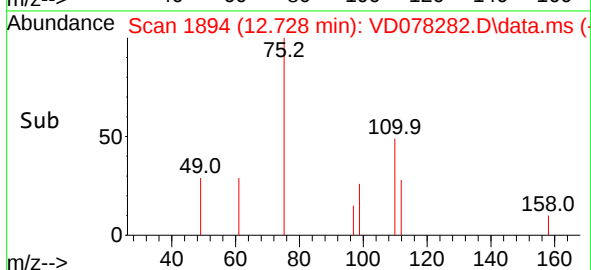
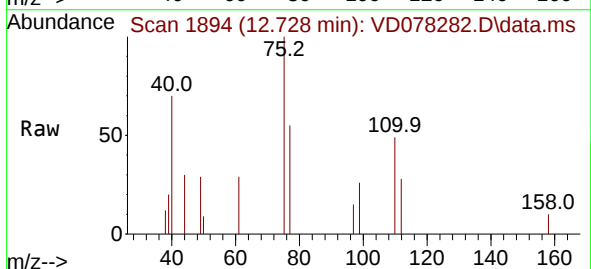
Manual Integrations
APPROVED

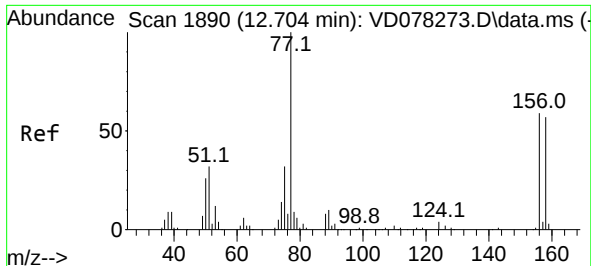
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#76
1,2,3-Trichloropropane
Concen: 3.762 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

Tgt Ion: 75 Resp: 2933
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





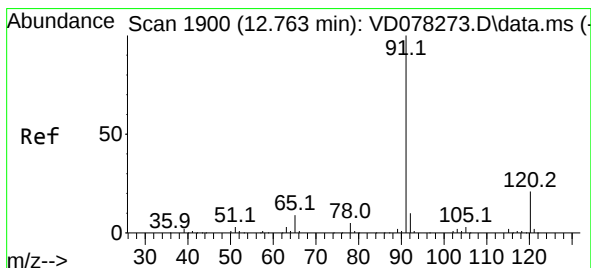
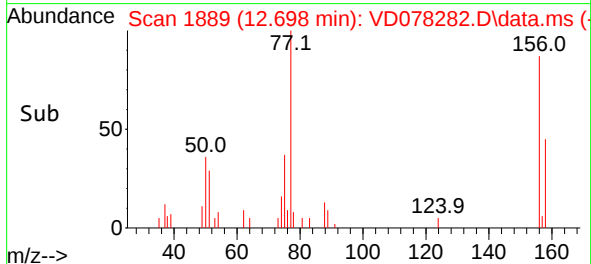
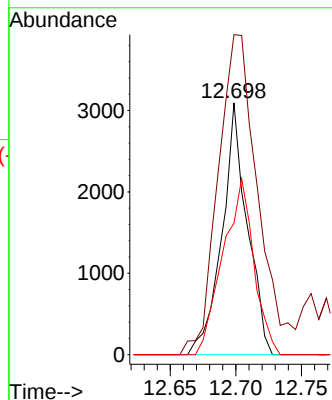
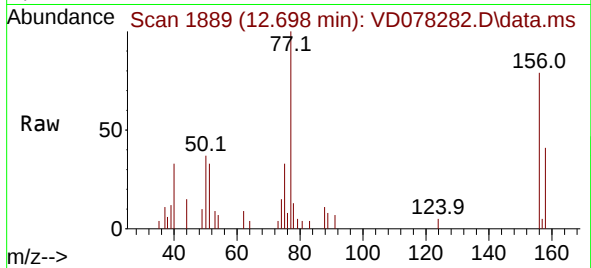
#77
Bromobenzene
Concen: 2.985 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

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

Tgt Ion:156 Resp: 4140
Ion Ratio Lower Upper
156 100
77 200.0 76.8 230.4
158 85.2 48.6 145.9

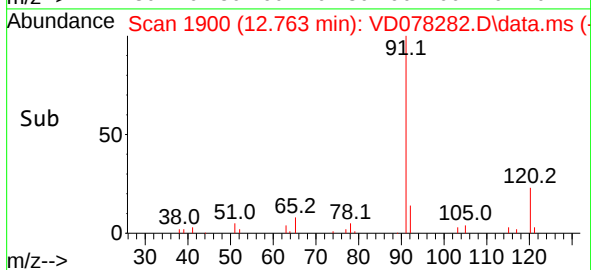
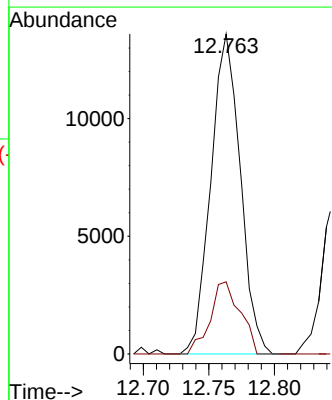
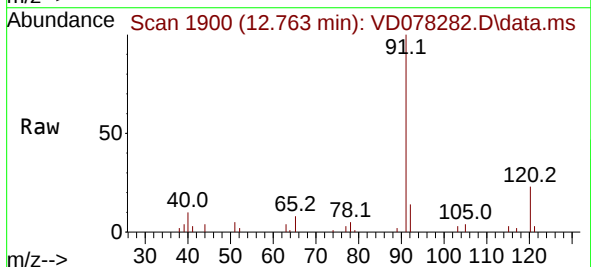
Manual Integrations
APPROVED

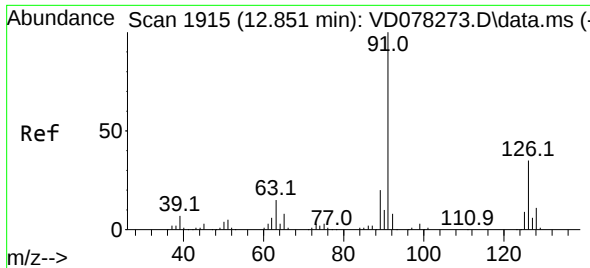
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#78
n-propylbenzene
Concen: 2.698 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

Tgt Ion: 91 Resp: 21214
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.2





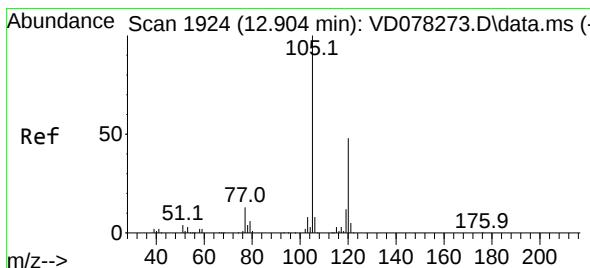
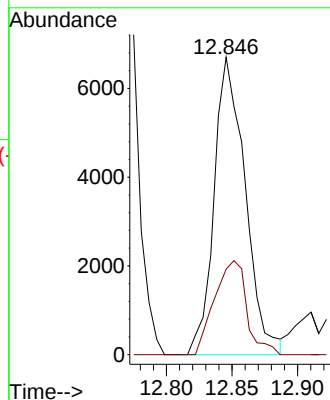
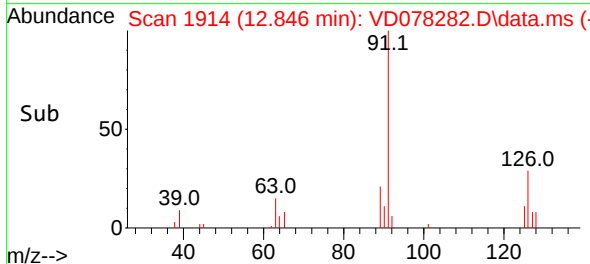
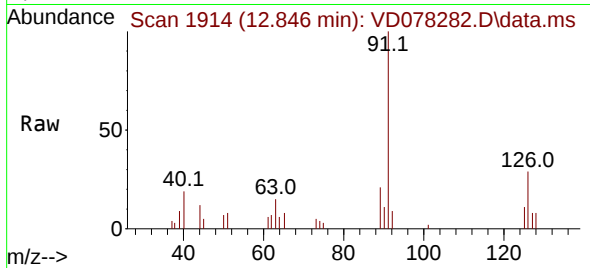
#79
2-Chlorotoluene
Concen: 2.629 ug/l
RT: 12.846 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

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

Tgt Ion: 91 Resp: 1106
Ion Ratio Lower Upper
91 100
126 32.8 19.4 58.1

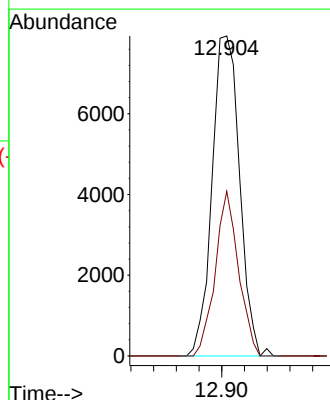
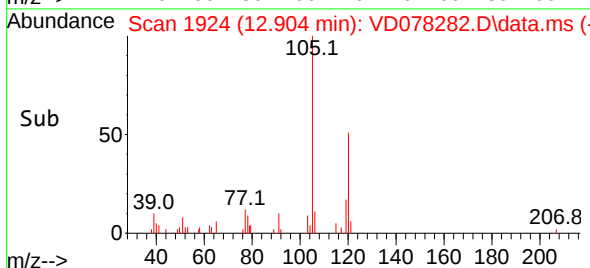
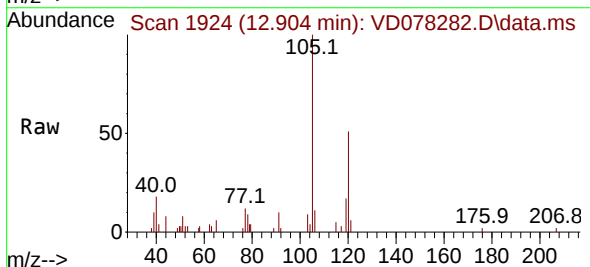
Manual Integrations
APPROVED

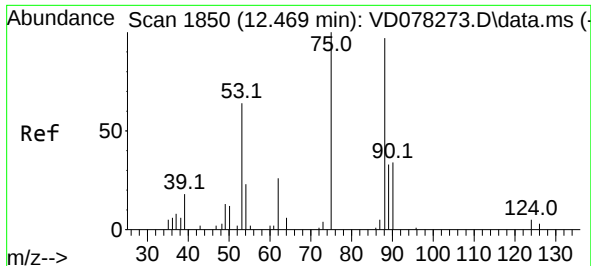
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.597 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

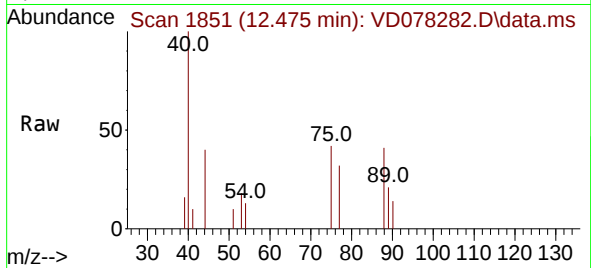
Tgt Ion:105 Resp: 13334
Ion Ratio Lower Upper
105 100
120 43.5 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.594 ug/l m
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

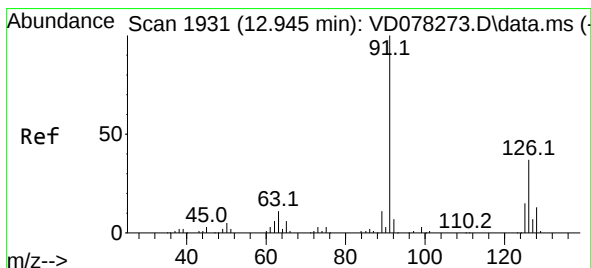
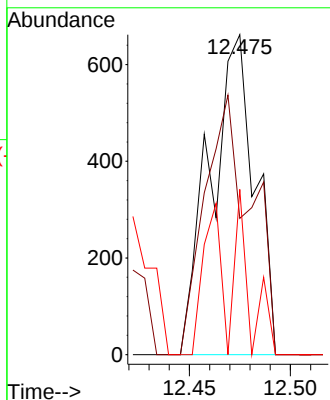
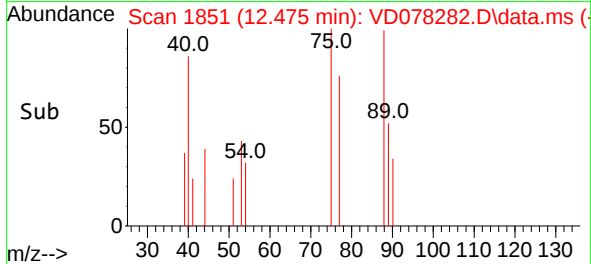
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 75 Resp: 101
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4
89 7.3 37.9 56.9

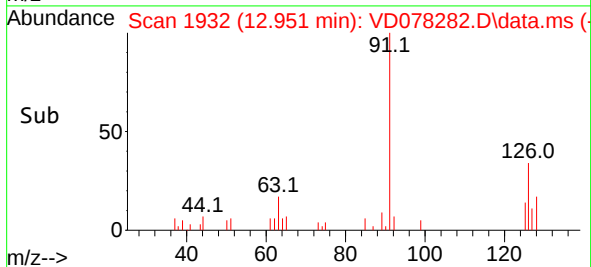
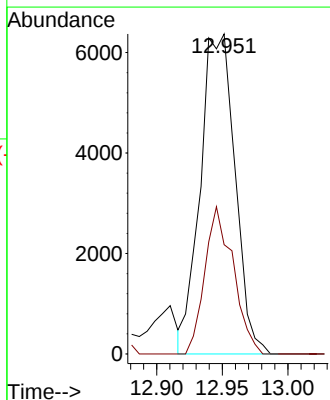
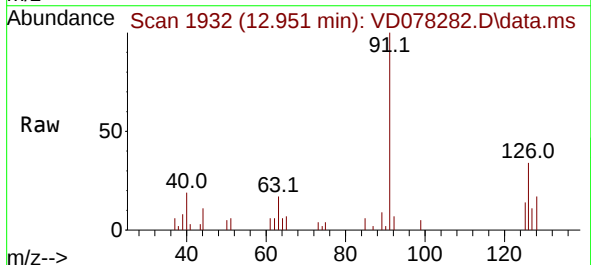
Manual Integrations
APPROVED

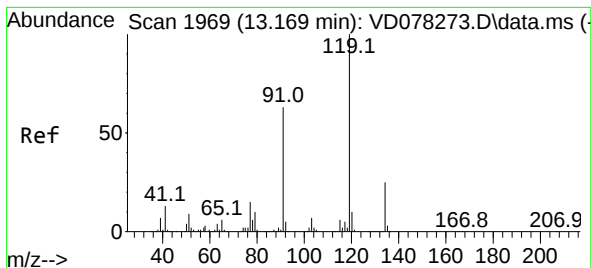
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#82
4-Chlorotoluene
Concen: 2.612 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

Tgt Ion: 91 Resp: 11720
Ion Ratio Lower Upper
91 100
126 37.7 19.4 58.4





#83

tert-Butylbenzene

Concen: 2.508 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

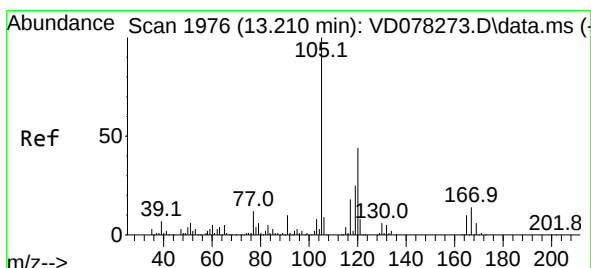
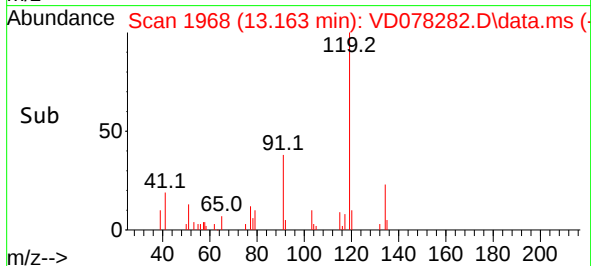
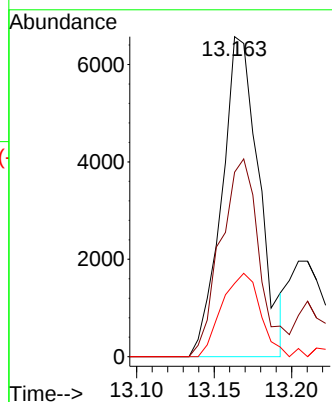
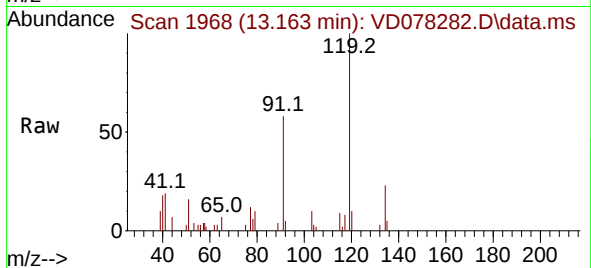
MDL-SOIL-03-QT1-2024

Tgt Ion:	119	Resp:	1098
Ion Ratio	Lower	Upper	
119	100		
91	64.9	29.3	87.8
134	26.8	14.1	42.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#84

1,2,4-Trimethylbenzene

Concen: 2.416 ug/l

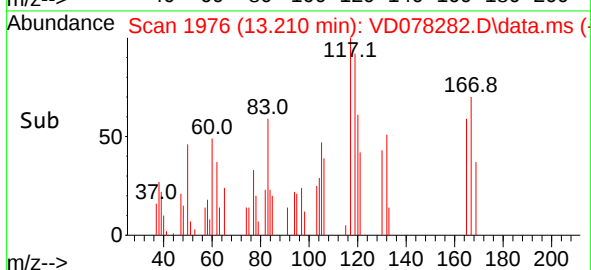
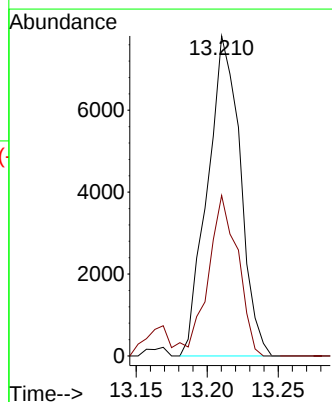
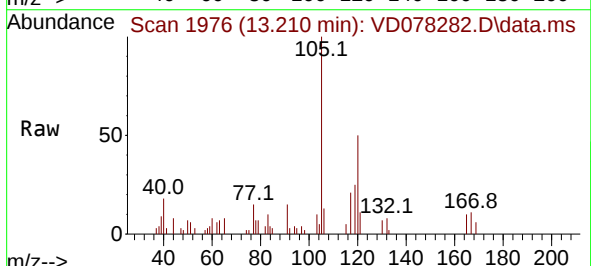
RT: 13.210 min Scan# 1976

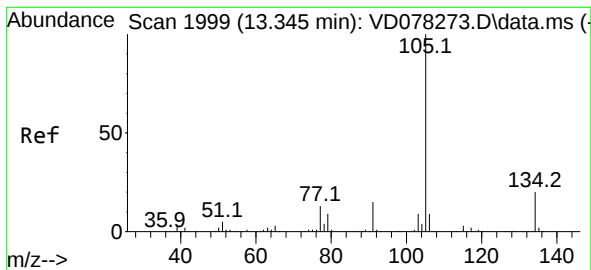
Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Tgt Ion:	105	Resp:	12551
Ion Ratio	Lower	Upper	
105	100		
120	44.5	24.3	72.9





#85

sec-Butylbenzene

Concen: 2.510 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

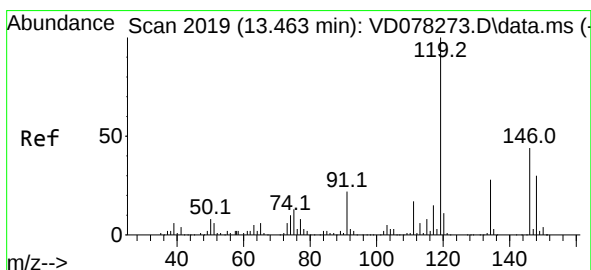
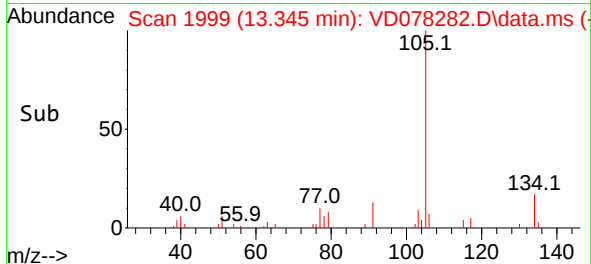
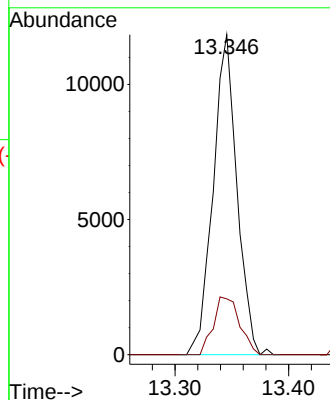
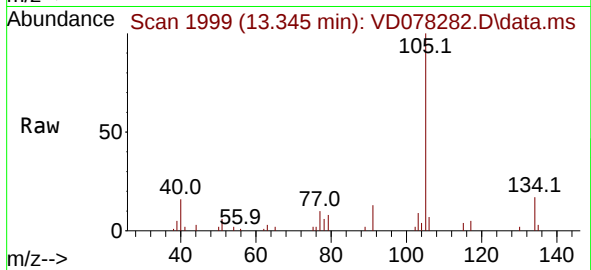
MDL-SOIL-03-QT1-2024

Tgt Ion:105 Resp: 1725
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#86

p-Isopropyltoluene

Concen: 2.375 ug/l

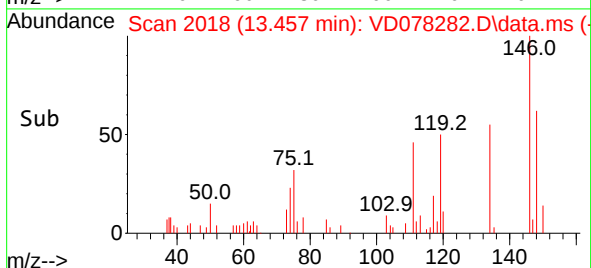
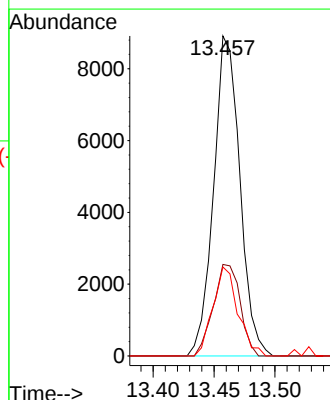
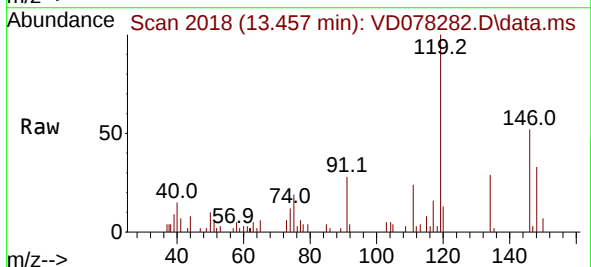
RT: 13.457 min Scan# 2018

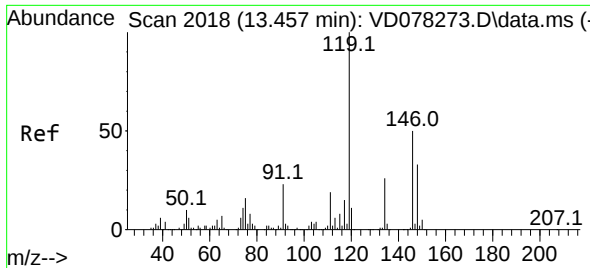
Delta R.T. -0.006 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

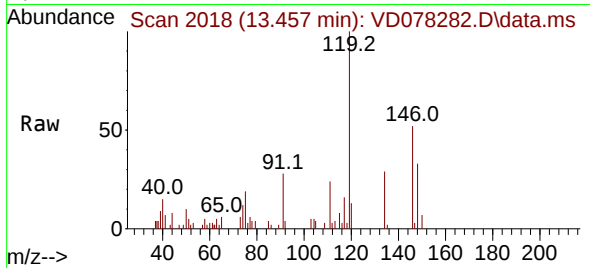
Tgt Ion:119 Resp: 13375
 Ion Ratio Lower Upper
 119 100
 134 29.1 14.2 42.6
 91 26.6 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 2.766 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

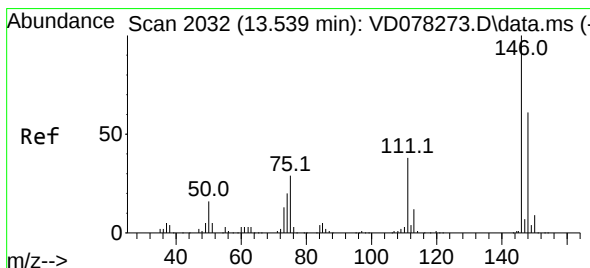
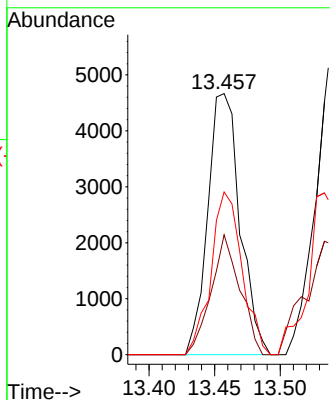
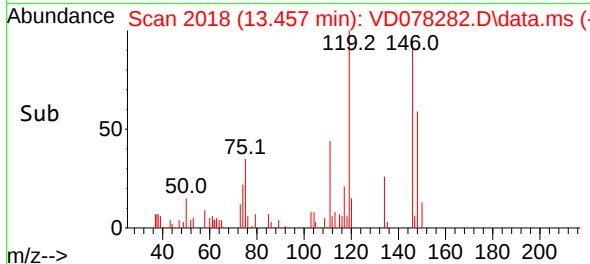
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



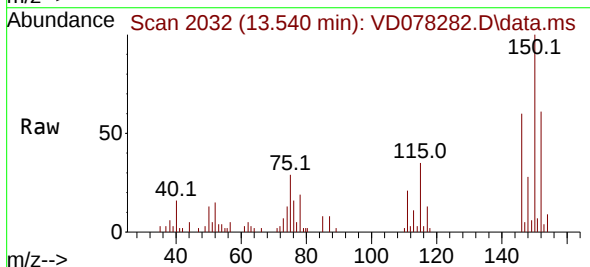
Tgt Ion:146 Resp: 7980
Ion Ratio Lower Upper
146 100
111 41.2 17.9 53.8
148 60.0 32.3 96.8

Manual Integrations
APPROVED

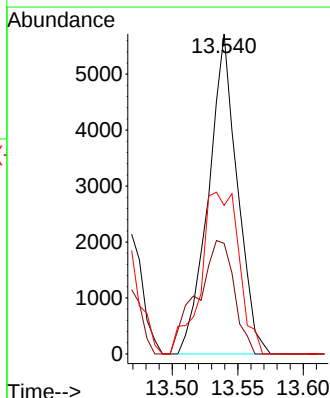
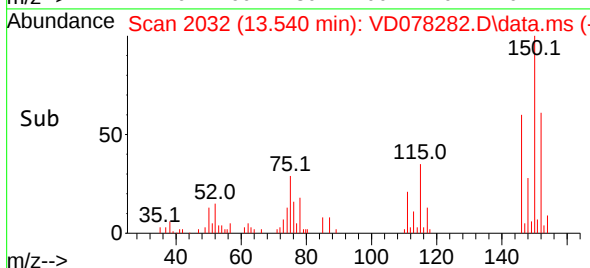
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

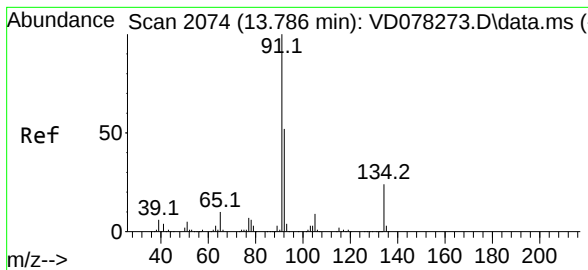


#88
1,4-Dichlorobenzene
Concen: 3.063 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48



Tgt Ion:146 Resp: 8745
Ion Ratio Lower Upper
146 100
111 45.1 17.4 52.3
148 67.0 31.7 95.1





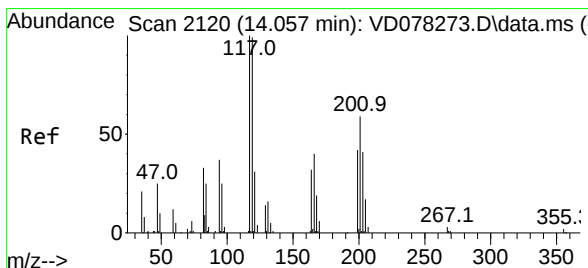
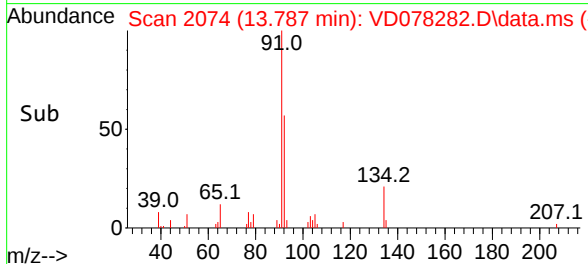
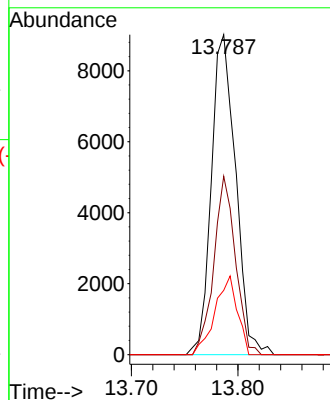
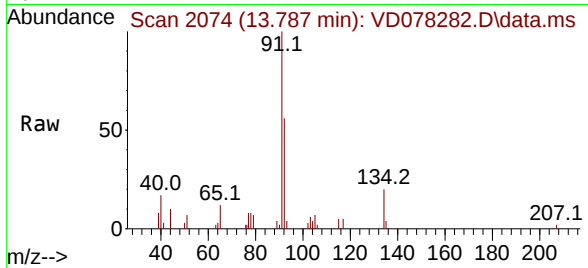
#89
n-Butylbenzene
Concen: 2.598 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

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

Tgt Ion: 91 Resp: 14258
Ion Ratio Lower Upper
91 100
92 49.7 26.5 79.5
134 22.7 13.8 41.3

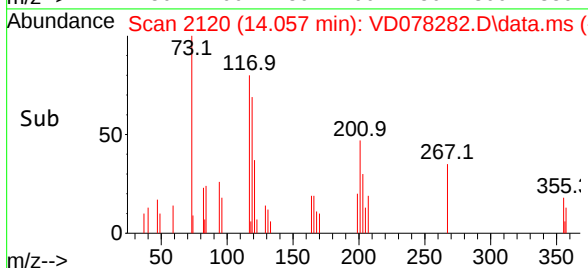
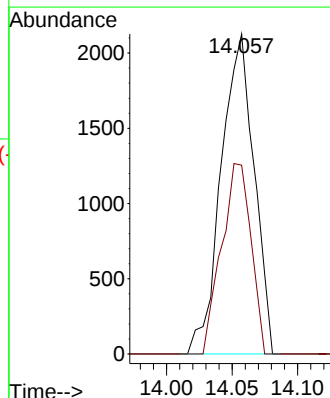
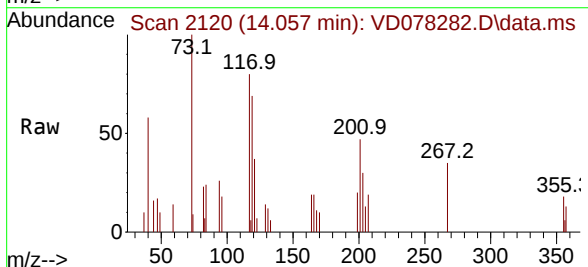
Manual Integrations
APPROVED

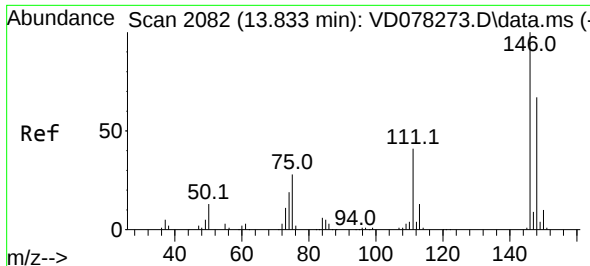
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#90
Hexachloroethane
Concen: 3.299 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

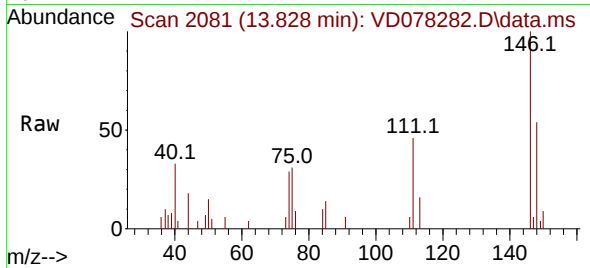
Tgt Ion:117 Resp: 3711
Ion Ratio Lower Upper
117 100
201 53.2 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 2.701 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

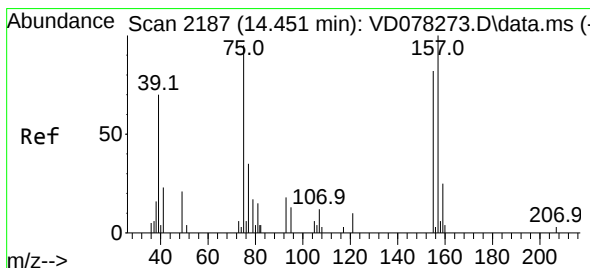
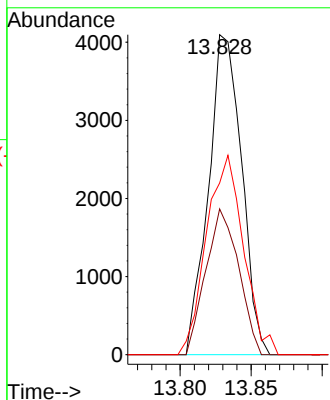
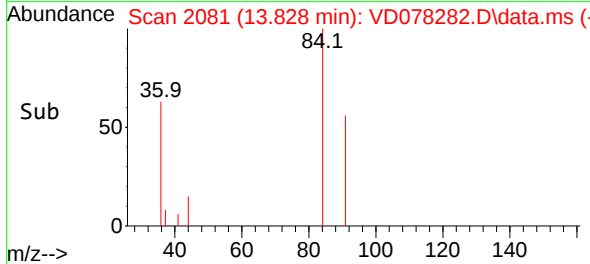
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



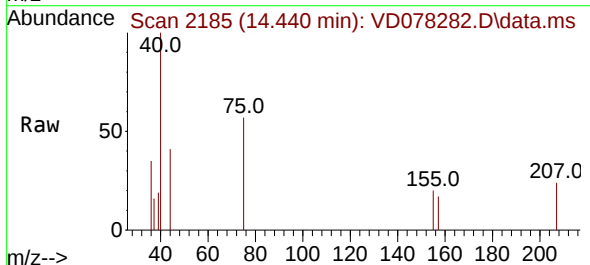
Tgt Ion:146 Resp: 666
Ion Ratio Lower Upper
146 100
111 45.1 18.3 54.8
148 69.7 31.6 94.7

Manual Integrations
APPROVED

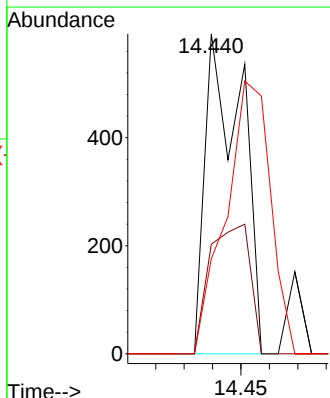
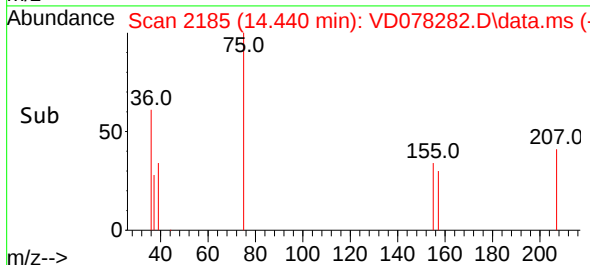
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

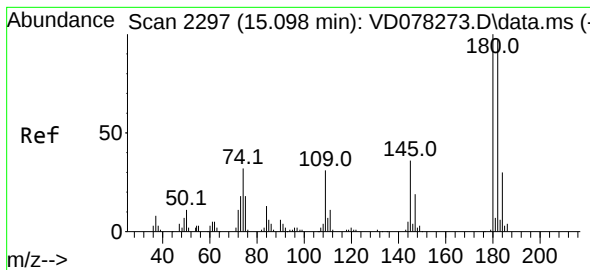


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.073 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. -0.012 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48



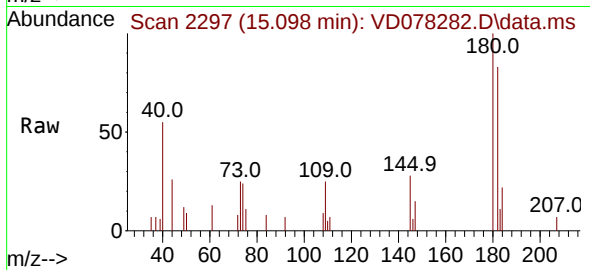
Tgt Ion: 75 Resp: 525
Ion Ratio Lower Upper
75 100
155 45.0 47.9 143.8#
157 105.1 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 2.919 ug/l
RT: 15.098 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48

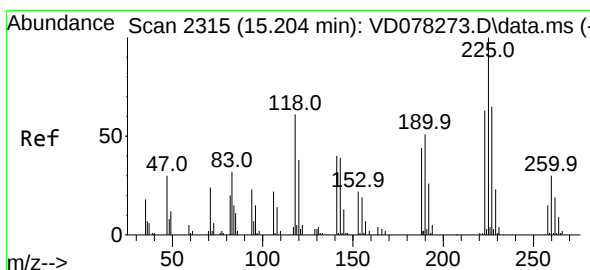
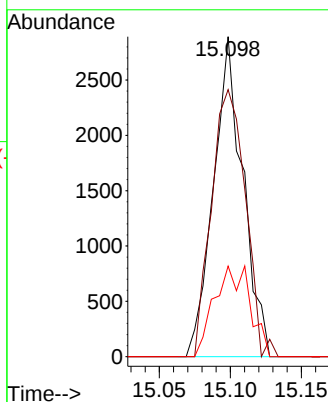
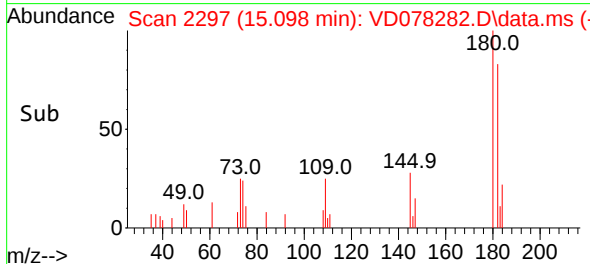
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



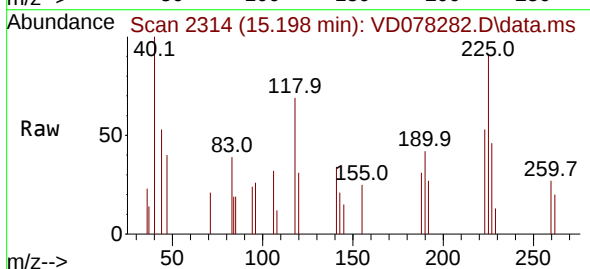
Tgt Ion:180 Resp: 416
Ion Ratio Lower Upper
180 100
182 96.1 48.5 145.6
145 34.3 14.2 42.6

Manual Integrations
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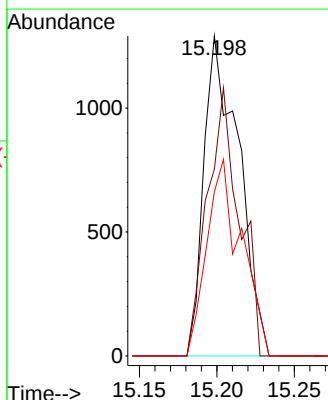
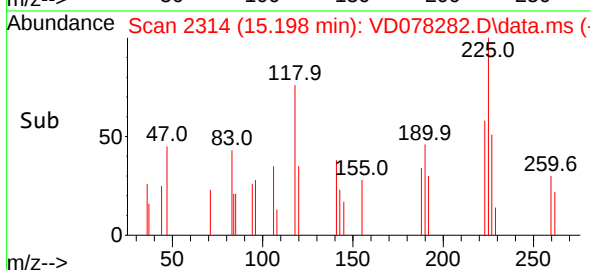
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

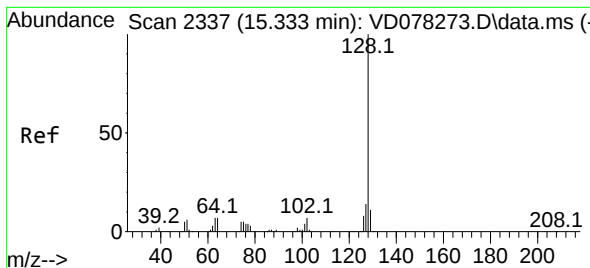


#94
Hexachlorobutadiene
Concen: 2.879 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD078282.D
Acq: 30 Jan 2024 16:48



Tgt Ion:225 Resp: 2014
Ion Ratio Lower Upper
225 100
223 77.2 31.6 94.8
227 60.8 31.7 95.1





#95

Naphthalene

Concen: 2.678 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

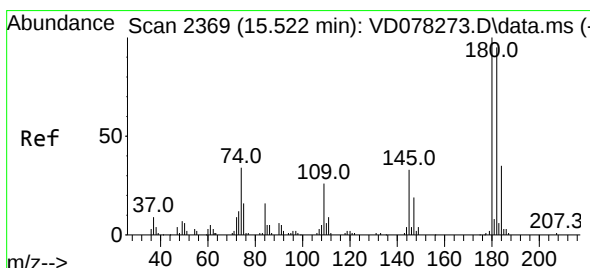
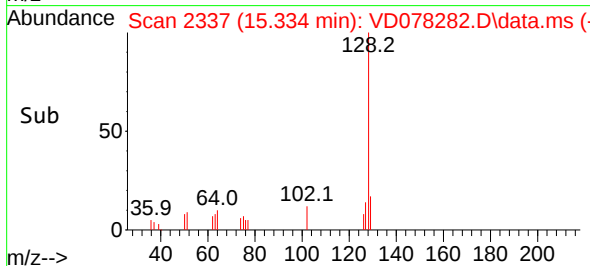
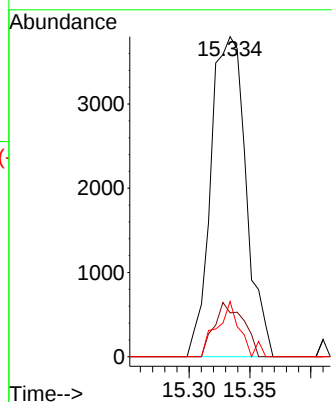
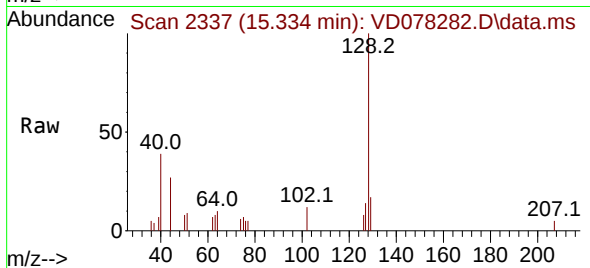
MDL-SOIL-03-QT1-2024

Tgt Ion:	128	Resp:	7624
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.5	15.7
129	17.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.744 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078282.D

Acq: 30 Jan 2024 16:48

Tgt Ion:	180	Resp:	3450
Ion Ratio	Lower	Upper	
180	100		
182	102.9	47.3	141.9
145	36.1	15.1	45.3

