

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078283.D
 Acq On : 30 Jan 2024 17:15
 Operator : RP/MD
 Sample : P1187-03 4 PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jan 31 01:18:42 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	7.875	168	99364	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	192564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	174315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	36156	29.394	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	58.780%		
35) Dibromofluoromethane	7.811	113	35044	25.562	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	51.120%#		
50) Toluene-d8	10.269	98	132809	25.588	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	51.180%#		
62) 4-Bromofluorobenzene	12.575	95	37224	23.948	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	47.900%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	4342	3.614	ug/l	79
3) Chloromethane	2.152	50	8655	4.187	ug/l	91
4) Vinyl Chloride	2.281	62	9739	3.572	ug/l	98
5) Bromomethane	2.693	94	6219	3.768	ug/l	85
6) Chloroethane	2.834	64	6740	3.579	ug/l	92
7) Trichlorofluoromethane	3.170	101	8826	3.823	ug/l	93
8) Diethyl Ether	3.593	74	2573	3.768	ug/l	61
9) 1,1,2-Trichlorotrifluo...	3.970	101	5588	3.944	ug/l #	69
10) Methyl Iodide	4.164	142	3270	2.537	ug/l #	86
11) Tert butyl alcohol	5.040	59	1926m	24.547	ug/l	
12) 1,1-Dichloroethene	3.940	96	5170	3.782	ug/l #	78
13) Acrolein	3.811	56	2345	23.004	ug/l #	57
14) Allyl chloride	4.570	41	6347	3.522	ug/l #	79
15) Acrylonitrile	5.264	53	6394	21.184	ug/l #	76
16) Acetone	4.028	43	7471	22.985	ug/l #	79
17) Carbon Disulfide	4.264	76	13883	3.008	ug/l	100
18) Methyl Acetate	4.570	43	3858	5.884	ug/l	90
19) Methyl tert-butyl Ether	5.328	73	10919	3.841	ug/l #	85
20) Methylene Chloride	4.793	84	9854	5.767	ug/l #	79
21) trans-1,2-Dichloroethene	5.311	96	5144	3.328	ug/l	90
22) Diisopropyl ether	6.216	45	13772	3.591	ug/l #	87
23) Vinyl Acetate	6.158	43	33172	14.178	ug/l	97
24) 1,1-Dichloroethane	6.122	63	9507m	3.581	ug/l	
25) 2-Butanone	7.093	43	8387	20.462	ug/l	90
26) 2,2-Dichloropropane	7.075	77	8066	3.719	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	6845	3.996	ug/l	87
28) Bromochloromethane	7.416	49	4183	4.418	ug/l #	79
29) Tetrahydrofuran	7.452	42	4453	20.308	ug/l #	81
30) Chloroform	7.593	83	10937	4.029	ug/l	95
31) Cyclohexane	7.875	56	9382	4.073	ug/l #	83
32) 1,1,1-Trichloroethane	7.799	97	8791	3.758	ug/l	92
36) 1,1-Dichloropropene	8.011	75	7032	3.093	ug/l	99
37) Ethyl Acetate	7.175	43	5157	5.894	ug/l #	92
38) Carbon Tetrachloride	7.993	117	7443	3.330	ug/l	99
39) Methylcyclohexane	9.275	83	8952	3.331	ug/l	89
40) Benzene	8.252	78	22574	3.403	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	1810	3.848	ug/l #	88
42) 1,2-Dichloroethane	8.340	62	6288	3.655	ug/l	82
43) Isopropyl Acetate	8.363	43	5380	3.429	ug/l #	80
44) Trichloroethene	9.022	130	5535	3.398	ug/l	94
45) 1,2-Dichloropropane	9.305	63	5789	3.569	ug/l #	88
46) Dibromomethane	9.393	93	3421	3.802	ug/l #	83
47) Bromodichloromethane	9.587	83	8306	3.752	ug/l #	82
48) Methyl methacrylate	9.387	41	2959	3.947	ug/l #	72
49) 1,4-Dioxane	9.393	88	729	72.222	ug/l #	44
51) 4-Methyl-2-Pentanone	10.157	43	14572	17.171	ug/l #	81
52) Toluene	10.334	92	13754	3.419	ug/l	93
53) t-1,3-Dichloropropene	10.552	75	6695	3.238	ug/l	91
54) cis-1,3-Dichloropropene	10.016	75	8413	3.437	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	4364	3.716	ug/l	95
56) Ethyl methacrylate	10.599	69	2502	1.879	ug/l #	48
57) 1,3-Dichloropropane	10.881	76	7568	3.738	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	11348	18.736	ug/l	89
59) 2-Hexanone	10.916	43	11217	17.550	ug/l	81
60) Dibromochloromethane	11.075	129	4739	3.477	ug/l	96
61) 1,2-Dibromoethane	11.175	107	4038	3.642	ug/l	96
64) Tetrachloroethene	10.810	164	4248	3.494	ug/l #	81
65) Chlorobenzene	11.610	112	14632	3.509	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	5204	3.505	ug/l	95
67) Ethyl Benzene	11.687	91	24054	3.184	ug/l #	87
68) m/p-Xylenes	11.793	106	17807	6.127	ug/l	93
69) o-Xylene	12.116	106	8149	3.051	ug/l	93
70) Styrene	12.134	104	12071	2.646	ug/l	93
71) Bromoform	12.299	173	2676	3.659	ug/l #	95
73) Isopropylbenzene	12.416	105	20915	3.122	ug/l	93
74) N-amyl acetate	12.234	43	4514	3.258	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	5330	4.120	ug/l #	98
76) 1,2,3-Trichloropropane	12.722	75	3776m	4.563	ug/l	
77) Bromobenzene	12.698	156	5411	3.671	ug/l	75
78) n-propylbenzene	12.763	91	27685	3.318	ug/l	96
79) 2-Chlorotoluene	12.851	91	14929	3.342	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	17074	3.133	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.475	75	1634	3.927	ug/l	92
82) 4-Chlorotoluene	12.946	91	16074	3.376	ug/l	93
83) tert-Butylbenzene	13.163	119	14236	3.062	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	17349	3.147	ug/l	97
85) sec-Butylbenzene	13.346	105	21653	2.967	ug/l	94
86) p-Isopropyltoluene	13.457	119	18713	3.131	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	11100	3.625	ug/l	92
88) 1,4-Dichlorobenzene	13.540	146	11373	3.754	ug/l	90
89) n-Butylbenzene	13.787	91	19545	3.356	ug/l	96
90) Hexachloroethane	14.051	117	4461	3.737	ug/l	75
91) 1,2-Dichlorobenzene	13.828	146	9034	3.448	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.445	75	762	4.202	ug/l	68
93) 1,2,4-Trichlorobenzene	15.098	180	5622	3.710	ug/l	92
94) Hexachlorobutadiene	15.204	225	2846	3.833	ug/l	99
95) Naphthalene	15.334	128	10326	3.418	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.516	180	4933	3.697	ug/l	94

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Supervised By :Mahesh Dadoda 01/31/2024

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

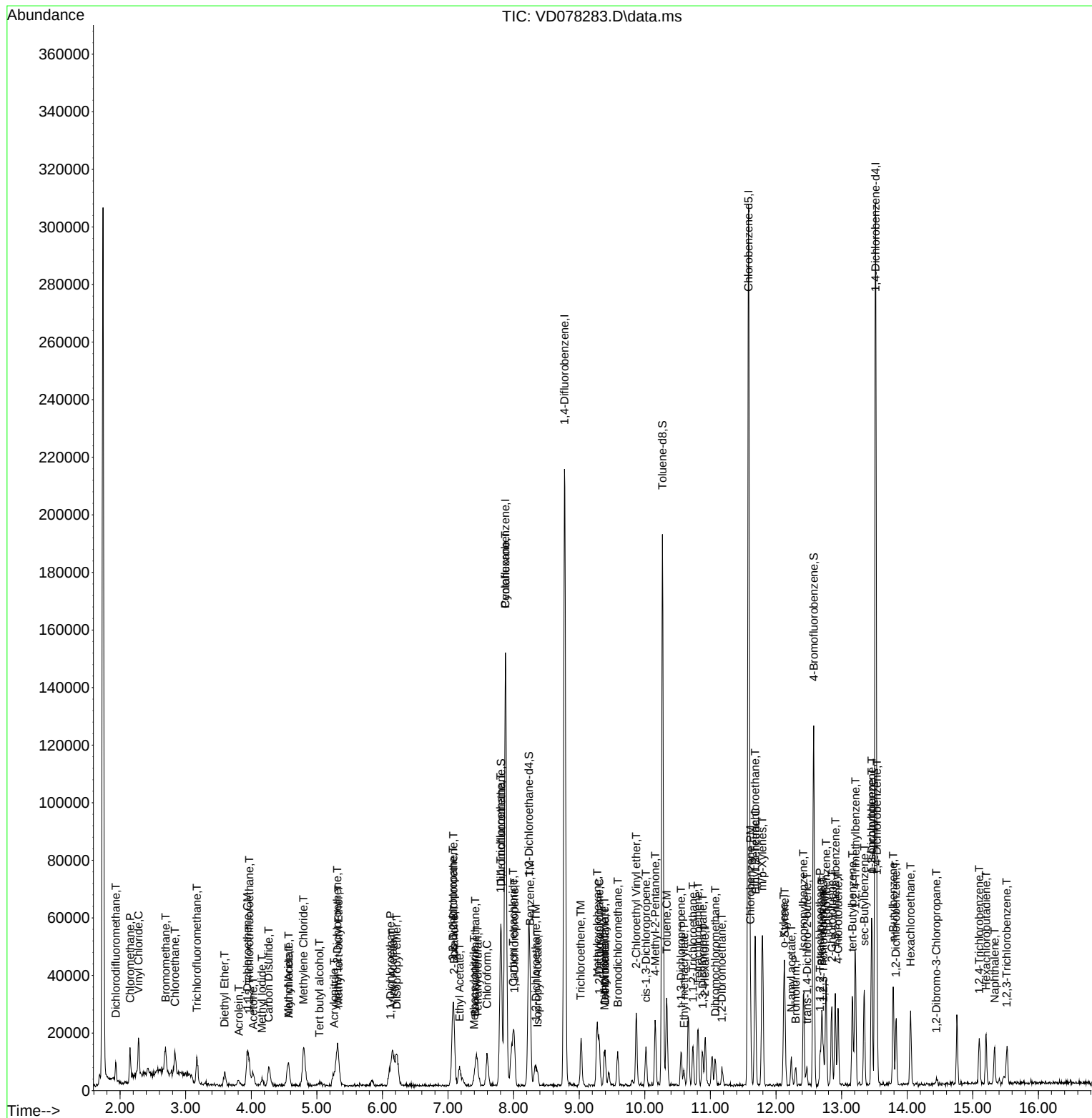
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Data File : VD078283.D
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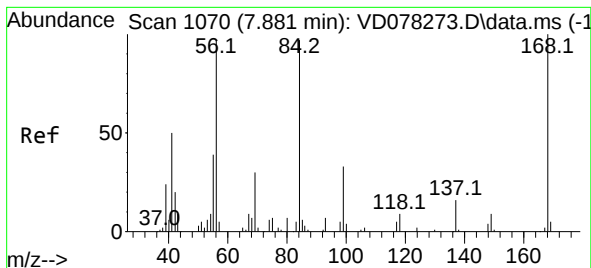
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion:168 Resp: 99364

Ion Ratio Lower Upper

168 100

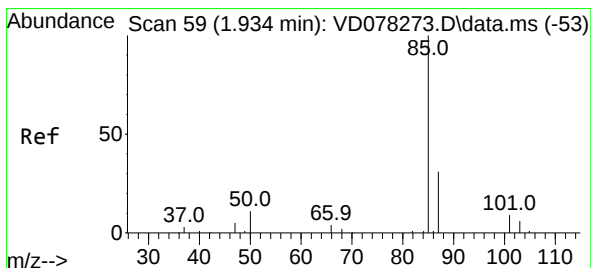
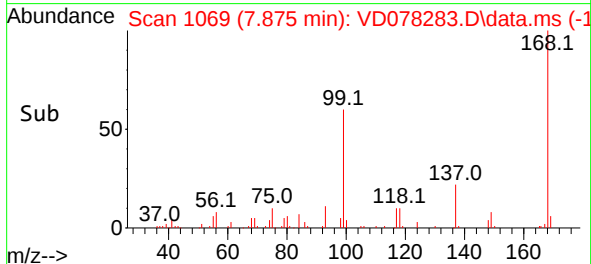
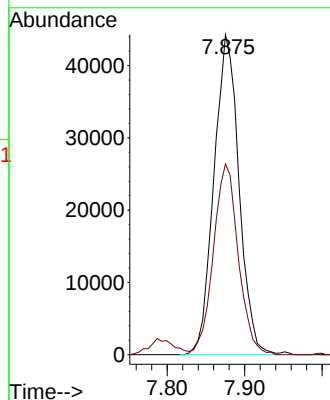
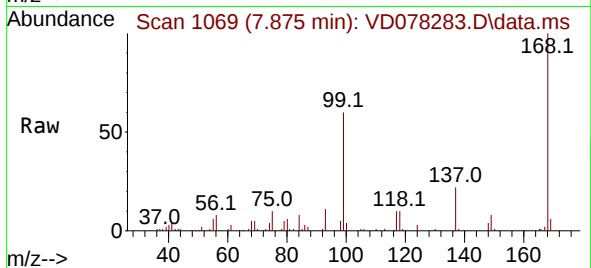
99 59.6 36.7 55.1

Manual Integrations

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Supervised By :Mahesh Dadoda 01/31/2024



#2

Dichlorodifluoromethane

Concen: 3.614 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078283.D

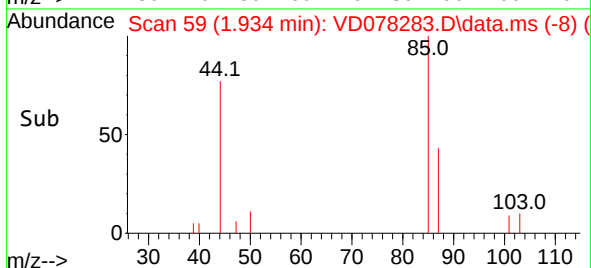
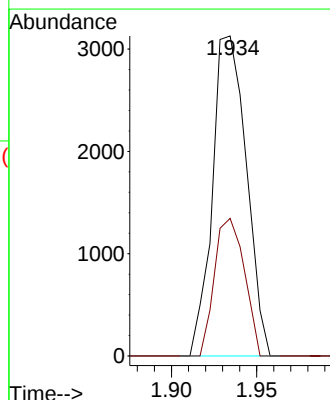
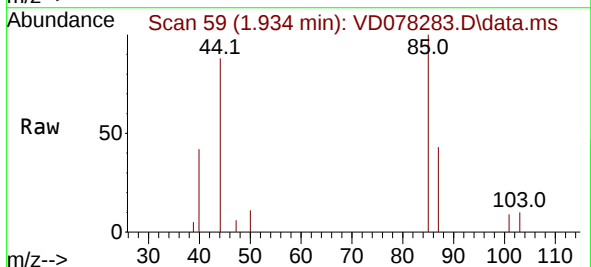
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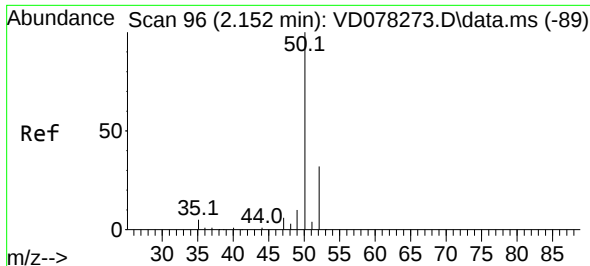
Tgt Ion: 85 Resp: 4342

Ion Ratio Lower Upper

85 100

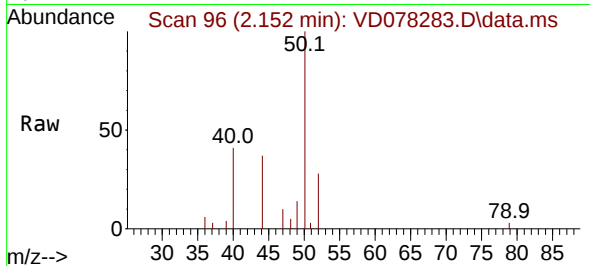
87 43.0 15.7 47.0





#3
Chloromethane
Concen: 4.187 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

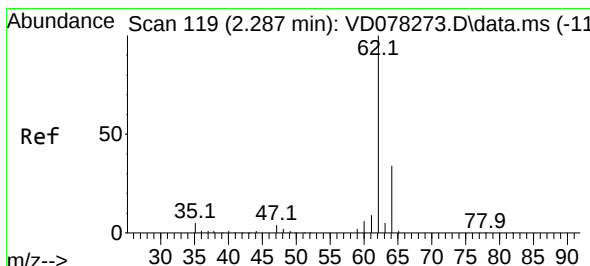
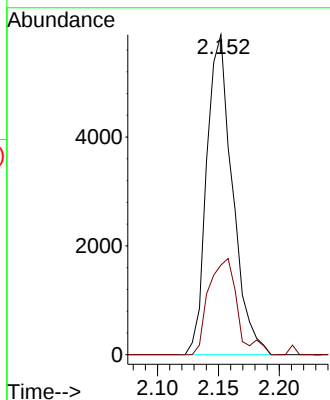
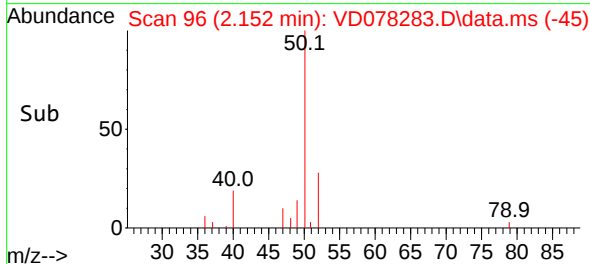
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 50 Resp: 865
Ion Ratio Lower Upper
50 100
52 28.0 26.6 40.0

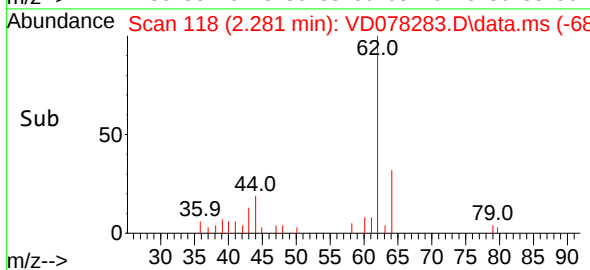
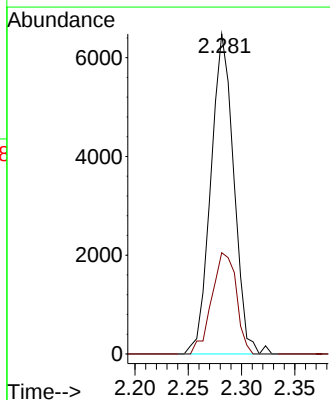
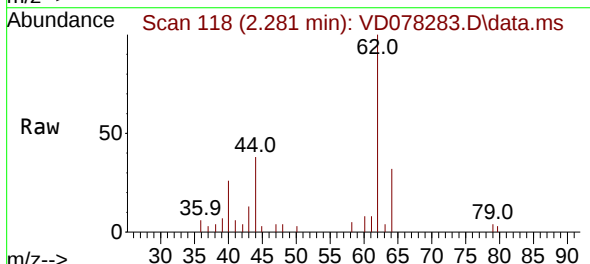
Manual Integrations
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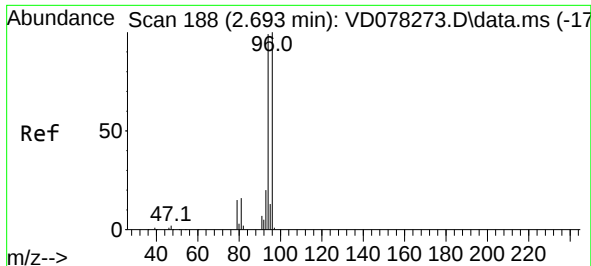
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#4
Vinyl Chloride
Concen: 3.572 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

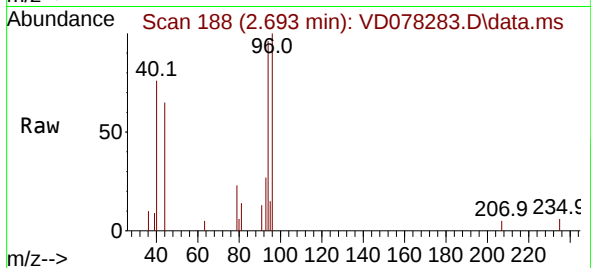
Tgt Ion: 62 Resp: 9739
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





#5
Bromomethane
Concen: 3.768 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

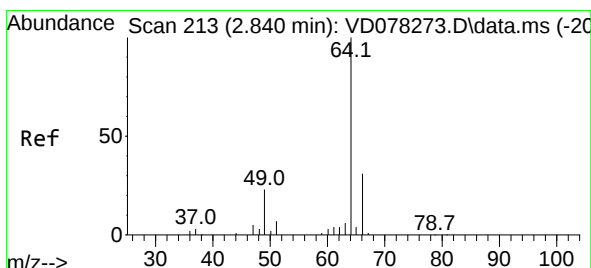
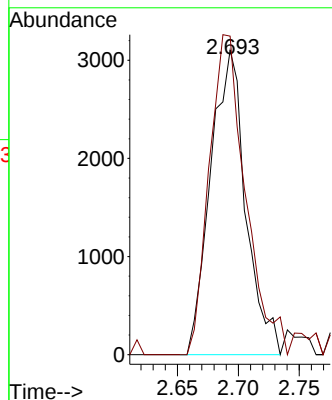
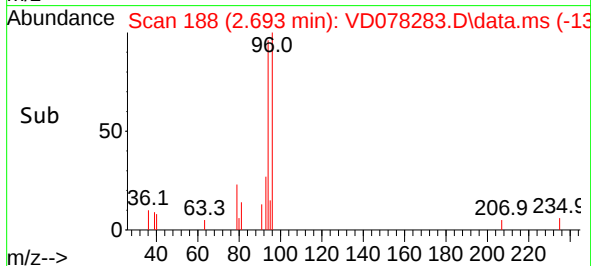
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Tgt Ion: 94 Resp: 6219
Ion Ratio Lower Upper
94 100
96 108.9 75.8 113.8

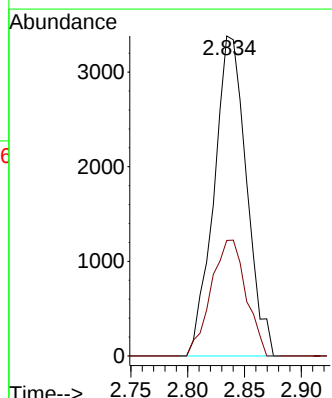
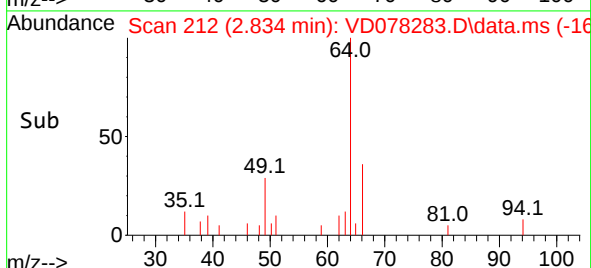
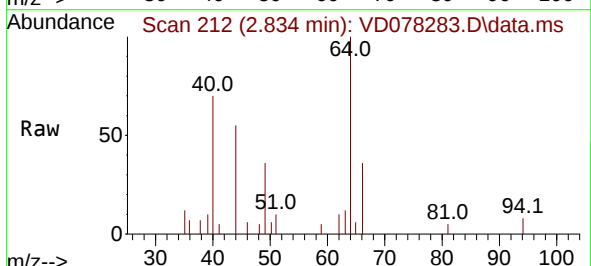
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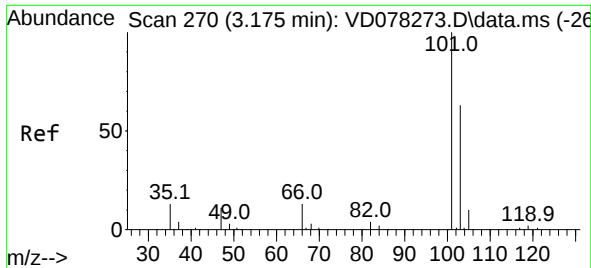
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#6
Chloroethane
Concen: 3.579 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

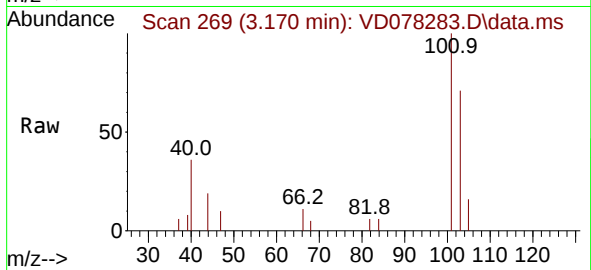
Tgt Ion: 64 Resp: 6740
Ion Ratio Lower Upper
64 100
66 36.1 25.5 38.3





#7
Trichlorofluoromethane
Concen: 3.823 ug/l
RT: 3.170 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

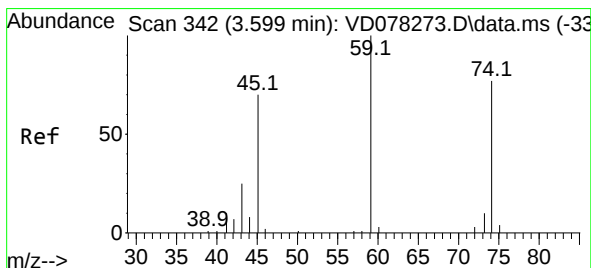
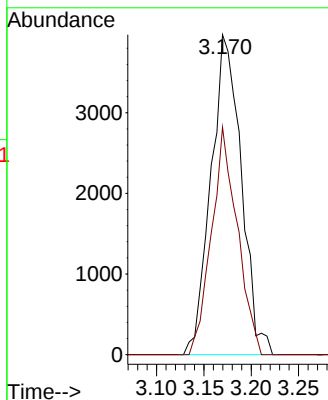
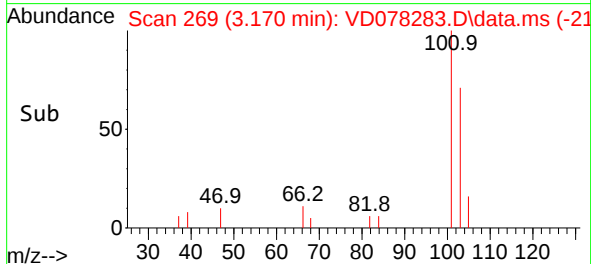
Instrument :
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Tgt Ion:101 Resp: 8820
Ion Ratio Lower Upper
101 100
103 71.1 52.3 78.5

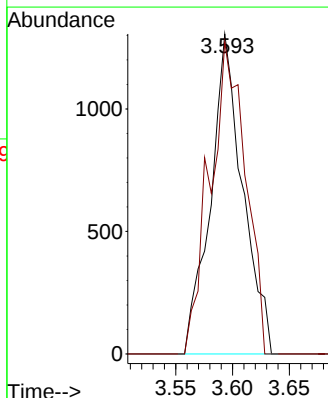
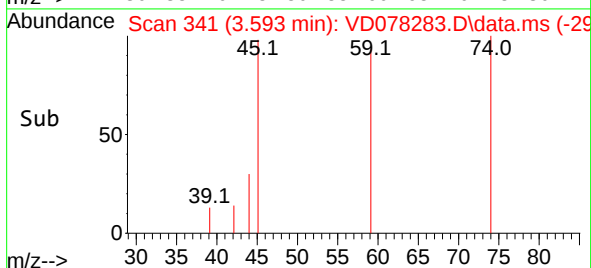
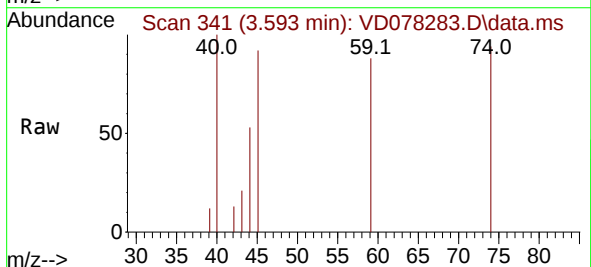
Manual Integrations
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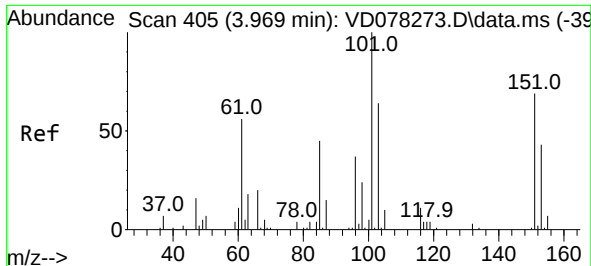
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#8
Diethyl Ether
Concen: 3.768 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

Tgt Ion: 74 Resp: 2573
Ion Ratio Lower Upper
74 100
45 108.2 37.5 112.7





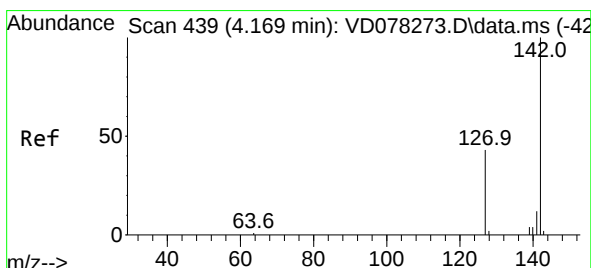
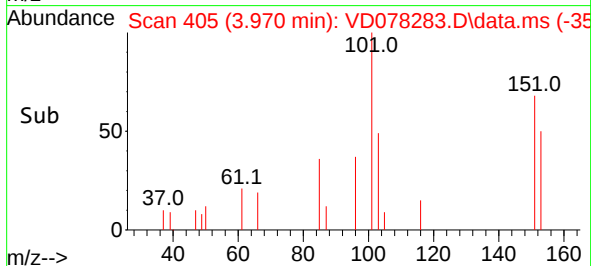
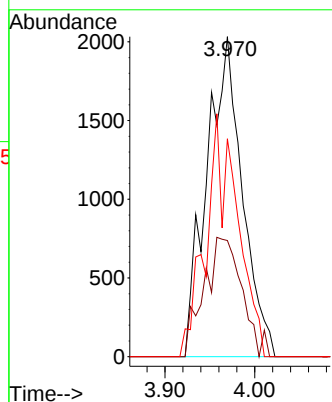
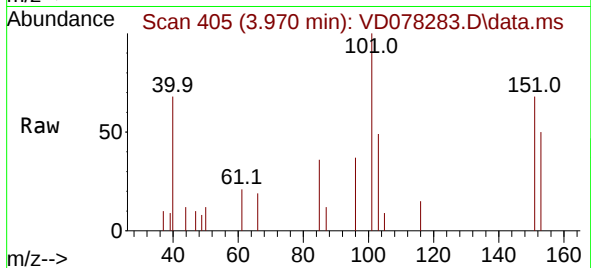
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.944 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

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

Tgt Ion:101 Resp: 558
Ion Ratio Lower Upper
101 100
85 39.9 33.8 50.6
151 35.3 59.8 89.6

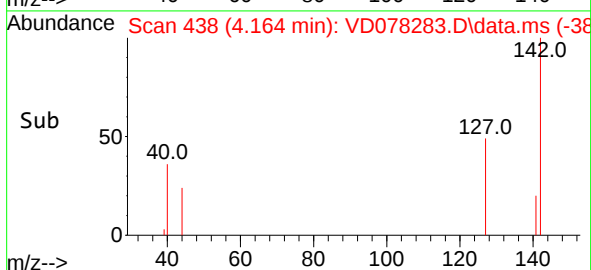
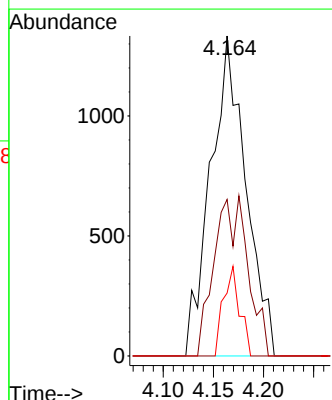
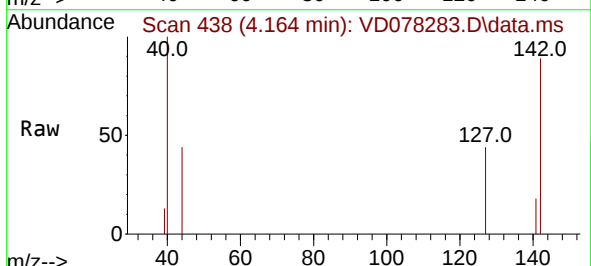
Manual Integrations
APPROVED

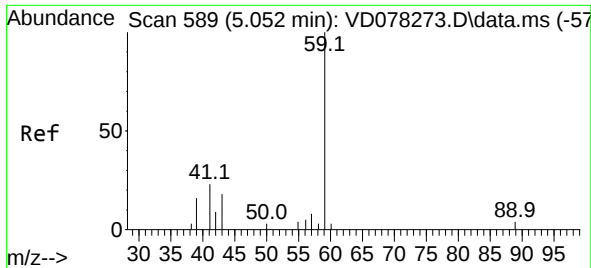
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#10
Methyl Iodide
Concen: 2.537 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

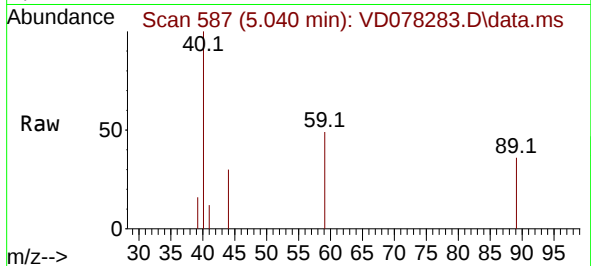
Tgt Ion:142 Resp: 3270
Ion Ratio Lower Upper
142 100
127 47.3 29.4 44.0#
141 12.8 11.1 16.7





#11
Tert butyl alcohol
Concen: 24.547 ug/l m
RT: 5.040 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

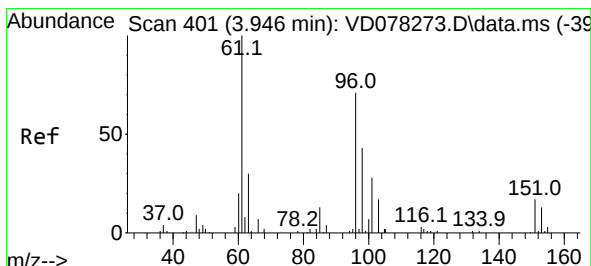
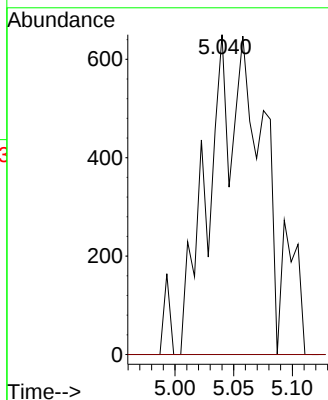
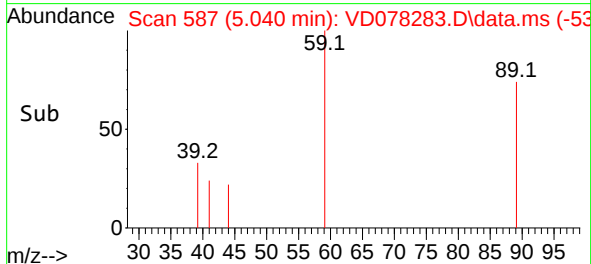
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



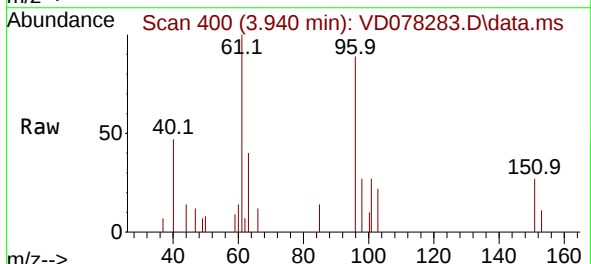
Tgt Ion: 59 Resp: 1920
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

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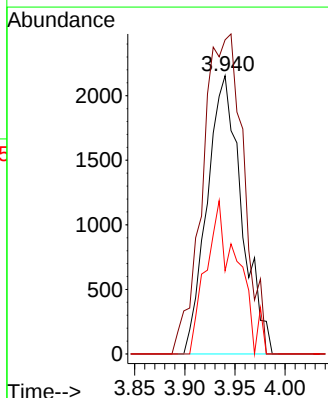
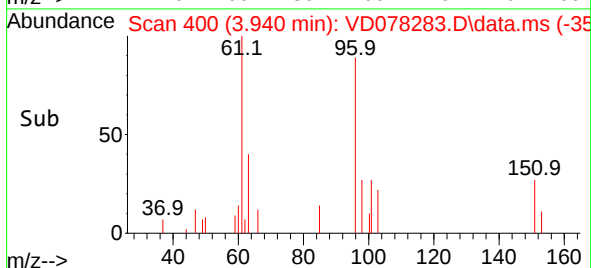
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

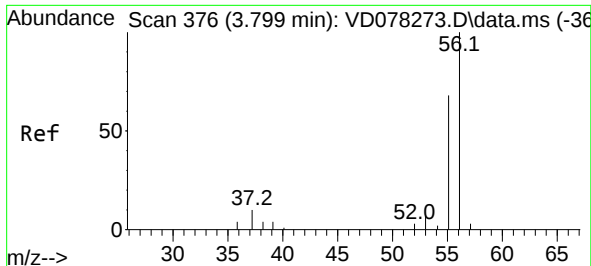


#12
1,1-Dichloroethene
Concen: 3.782 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15



Tgt Ion: 96 Resp: 5170
Ion Ratio Lower Upper
96 100
61 112.9 100.6 150.8
98 29.9 50.2 75.2





#13

Acrolein

Concen: 23.004 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.012 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

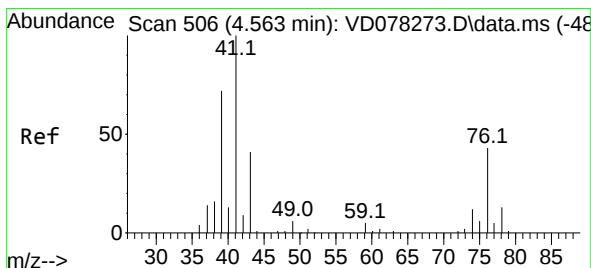
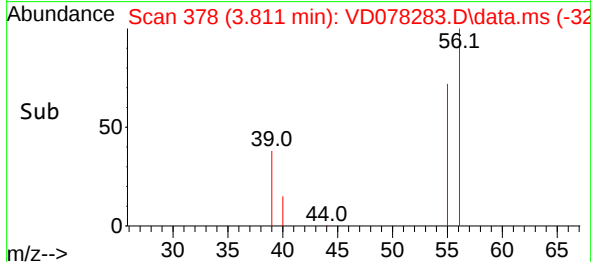
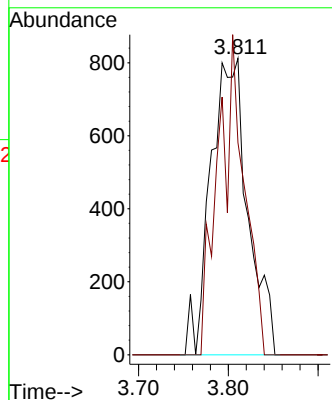
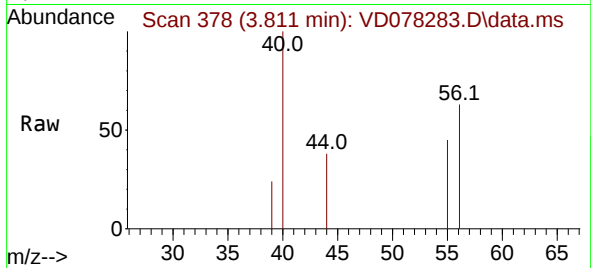
MDL-SOIL-03-QT1-2024

Tgt Ion: 56 Resp: 2349
 Ion Ratio Lower Upper
 56 100
 55 33.9 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: 3.522 ug/l

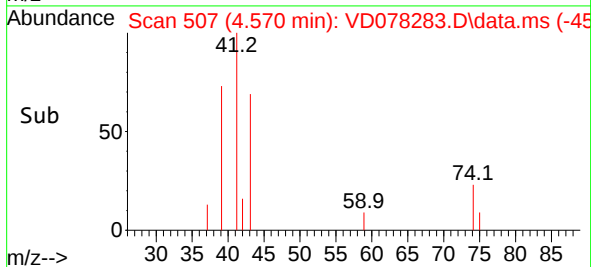
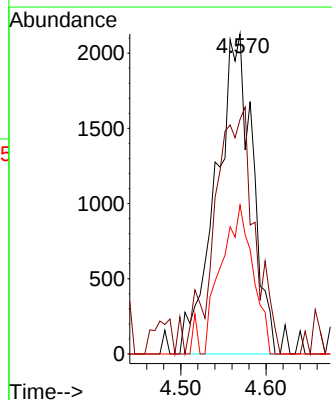
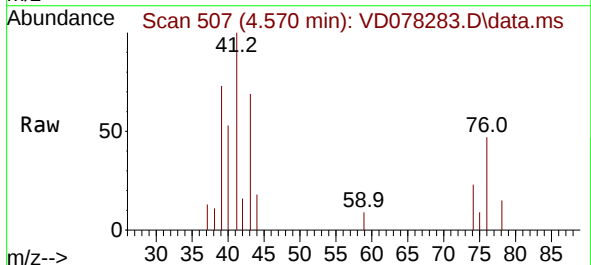
RT: 4.570 min Scan# 507

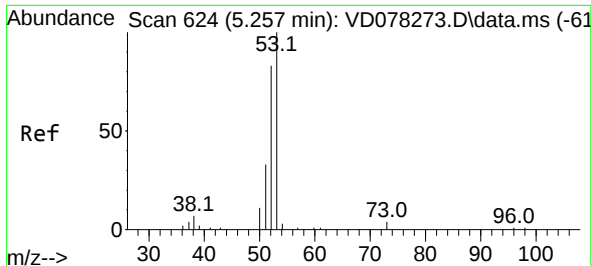
Delta R.T. 0.006 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

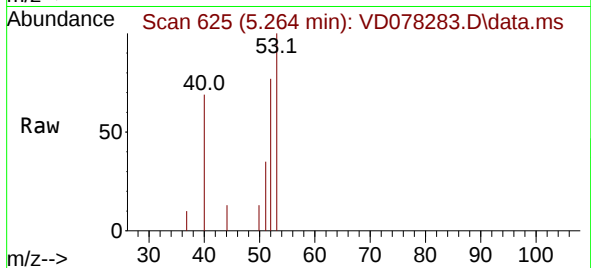
Tgt Ion: 41 Resp: 6347
 Ion Ratio Lower Upper
 41 100
 39 82.7 53.8 80.6#
 76 40.3 45.8 68.8#





#15
Acrylonitrile
Concen: 21.184 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

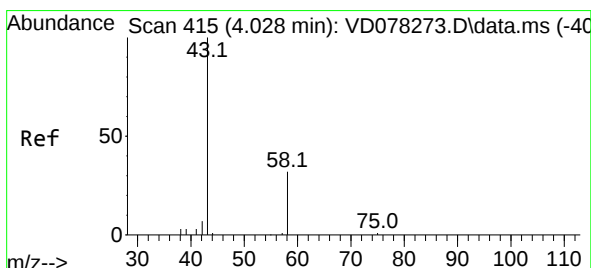
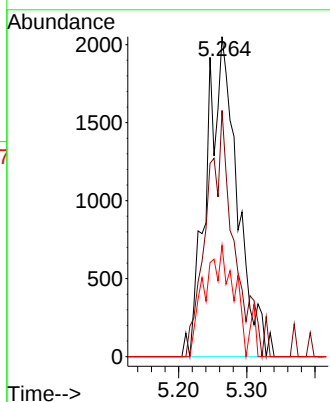
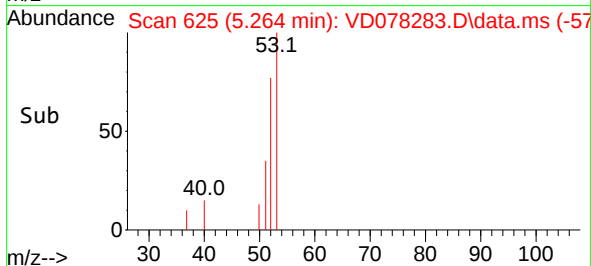
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 53 Resp: 6394
Ion Ratio Lower Upper
53 100
52 62.8 65.0 97.4
51 17.2 28.3 42.5

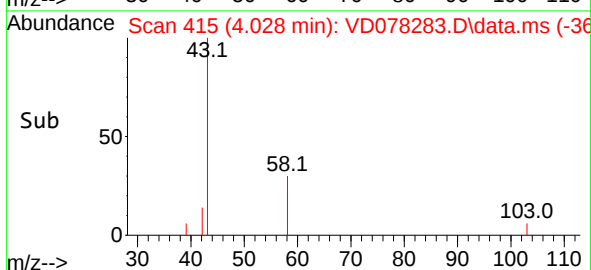
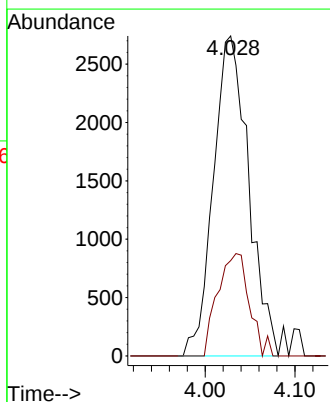
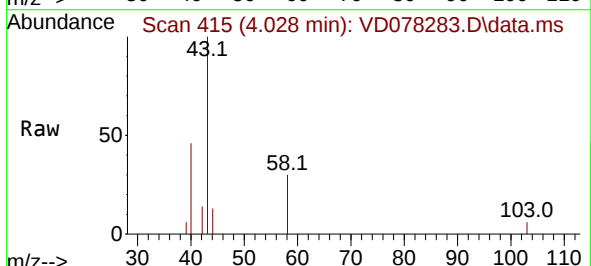
Manual Integrations
APPROVED

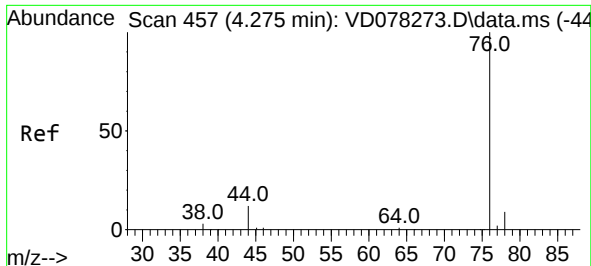
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#16
Acetone
Concen: 22.985 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

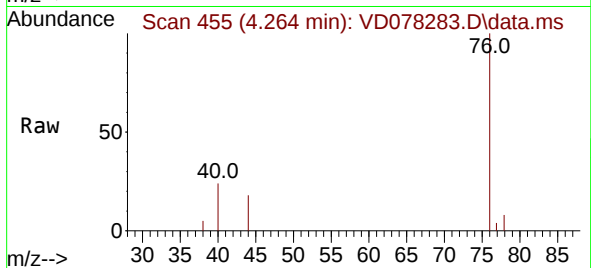
Tgt Ion: 43 Resp: 7471
Ion Ratio Lower Upper
43 100
58 29.8 34.7 52.1





#17
Carbon Disulfide
Concen: 3.008 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

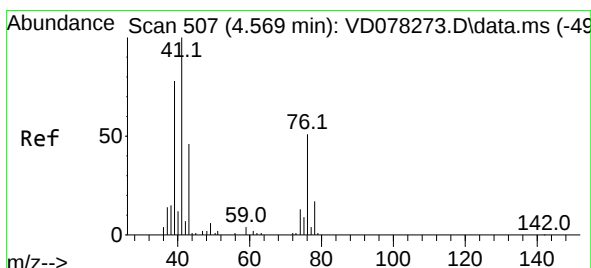
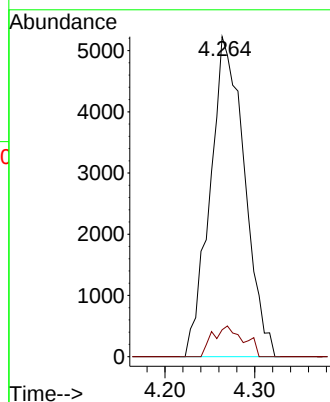
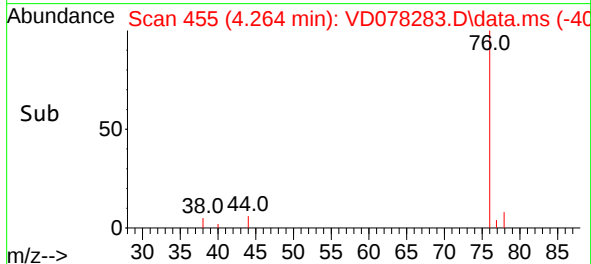
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 76 Resp: 1388
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2

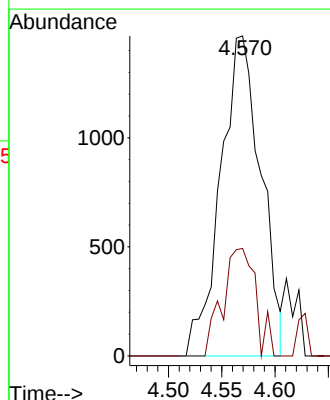
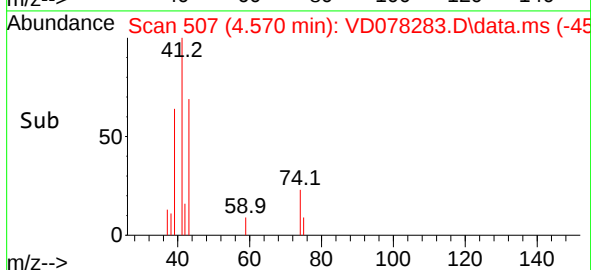
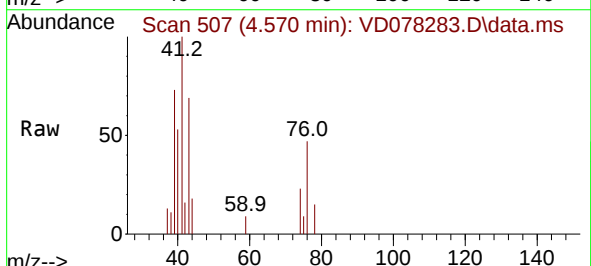
Manual Integrations
APPROVED

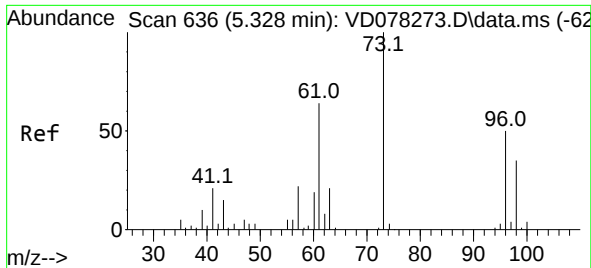
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#18
Methyl Acetate
Concen: 5.884 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

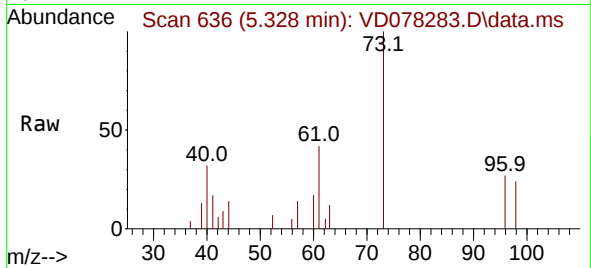
Tgt Ion: 43 Resp: 3858
Ion Ratio Lower Upper
43 100
74 27.6 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 3.841 ug/l
RT: 5.328 min Scan# 636
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

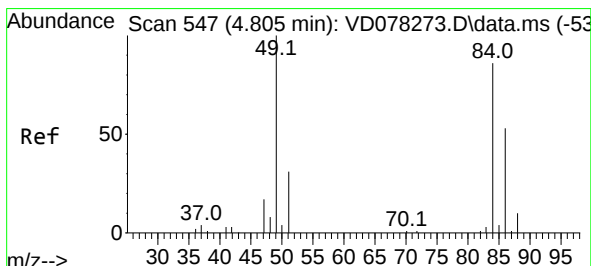
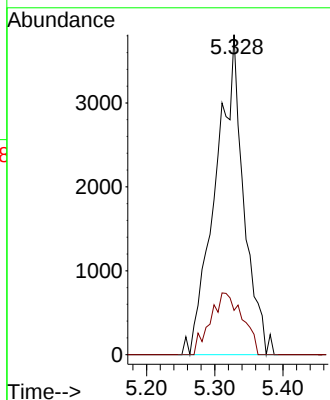
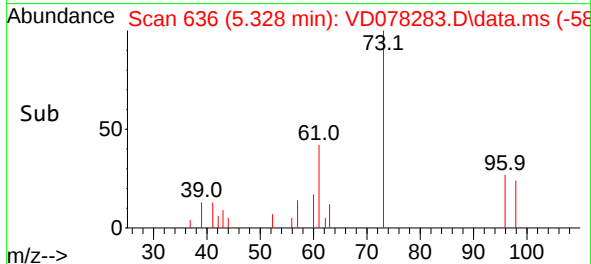
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 73 Resp: 10919
Ion Ratio Lower Upper
73 100
57 13.9 16.6 25.0

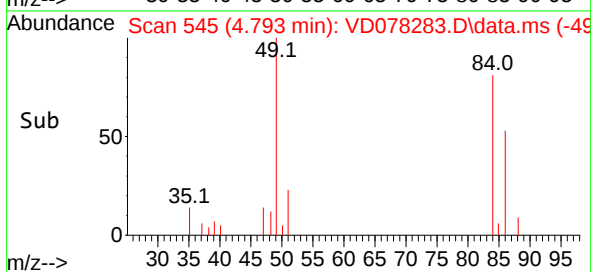
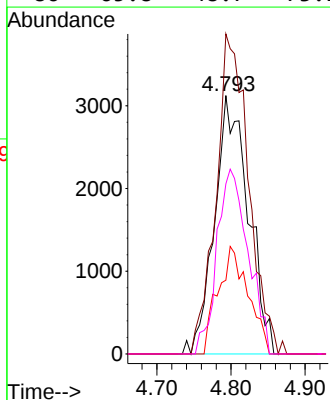
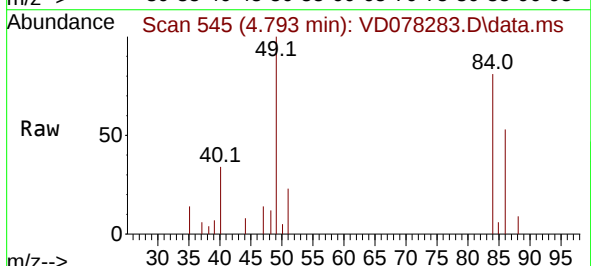
Manual Integrations
APPROVED

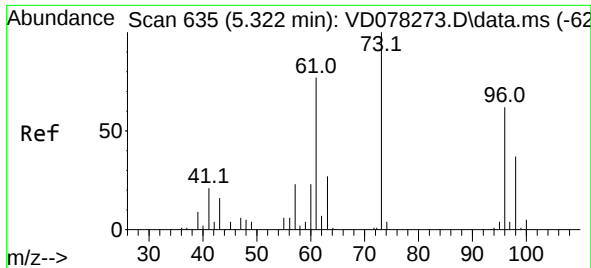
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#20
Methylene Chloride
Concen: 5.767 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

Tgt Ion: 84 Resp: 9854
Ion Ratio Lower Upper
84 100
49 123.8 71.4 107.2#
51 28.6 24.5 36.7
86 65.8 48.7 73.1





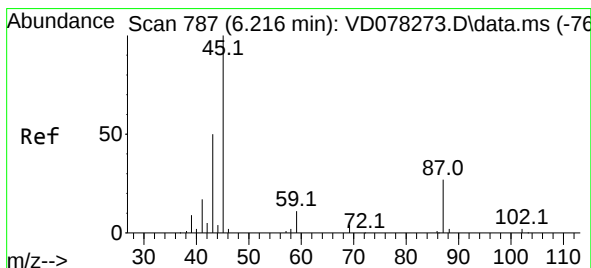
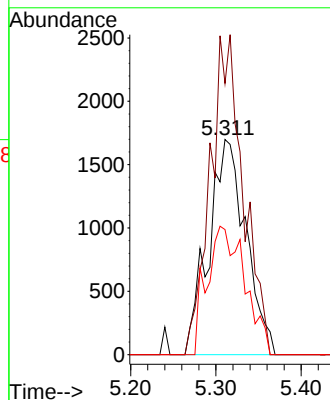
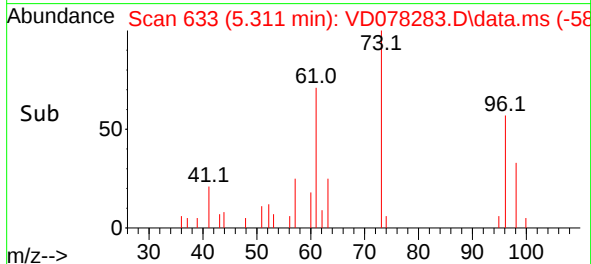
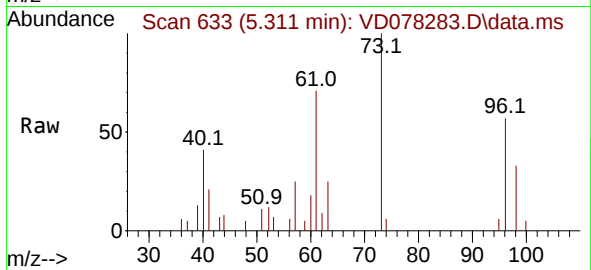
#21
trans-1,2-Dichloroethene
Concen: 3.328 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

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

Tgt Ion: 96 Resp: 5144
Ion Ratio Lower Upper
96 100
61 126.0 89.3 133.9
98 58.2 48.6 73.0

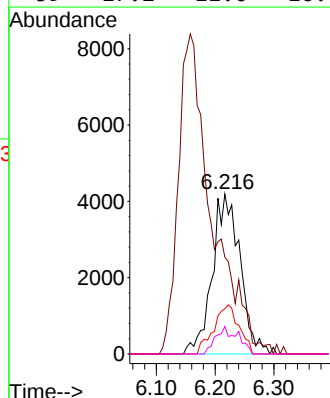
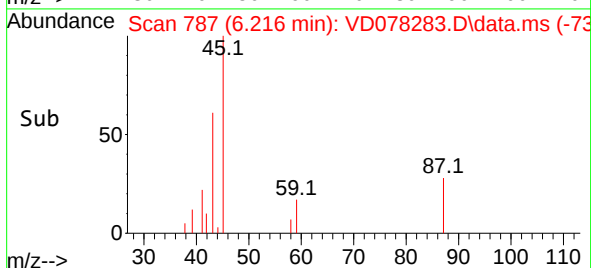
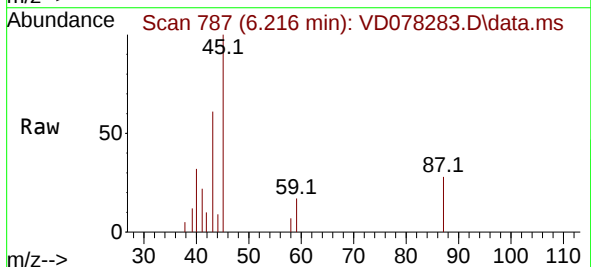
Manual Integrations
APPROVED

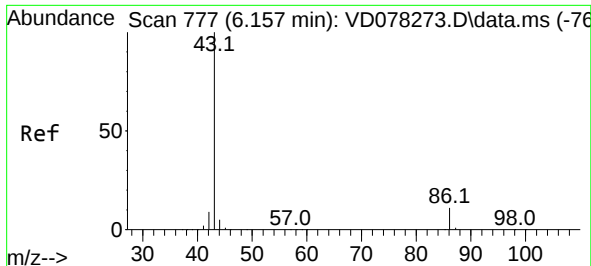
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#22
Diisopropyl ether
Concen: 3.591 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

Tgt Ion: 45 Resp: 13772
Ion Ratio Lower Upper
45 100
43 60.5 40.0 60.0#
87 28.3 28.2 42.4
59 17.2 11.0 16.4#





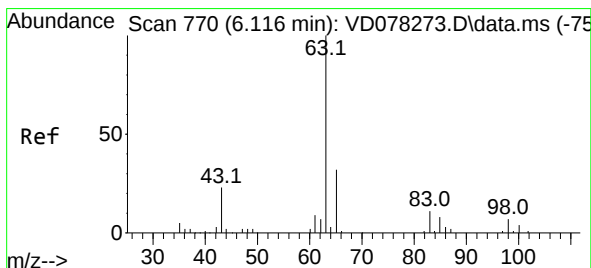
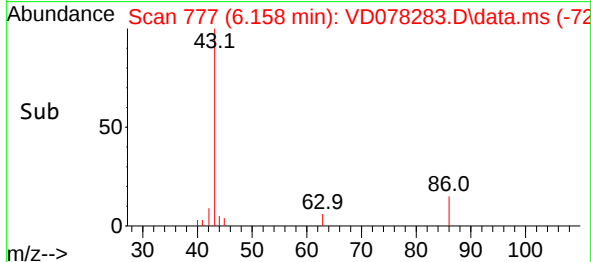
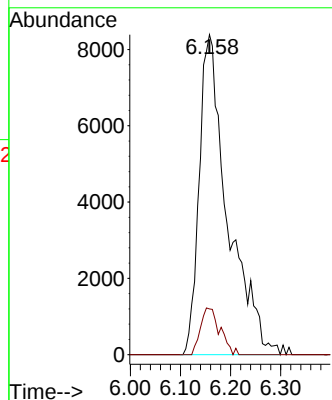
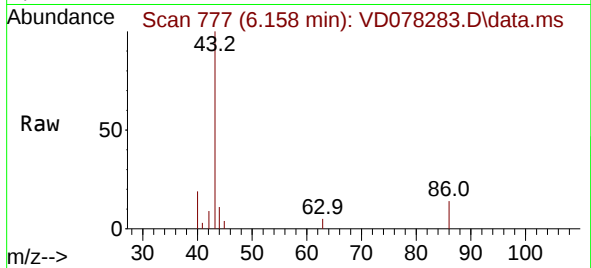
#23
 Vinyl Acetate
 Concen: 14.178 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078283.D
 Acq: 30 Jan 2024 17:15

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

Tgt Ion: 43 Resp: 33172
 Ion Ratio Lower Upper
 43 100
 86 14.3 12.5 18.7

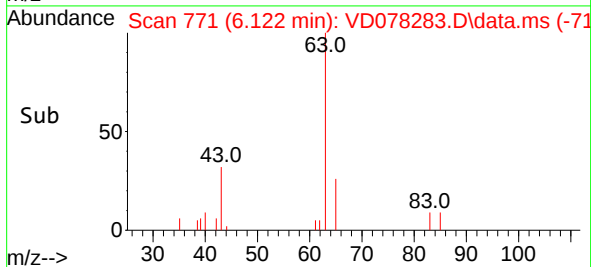
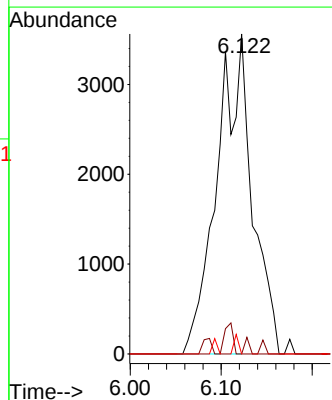
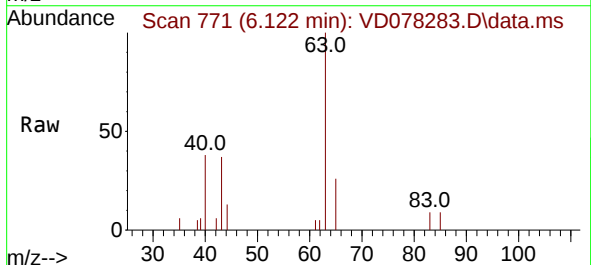
Manual Integrations
 APPROVED

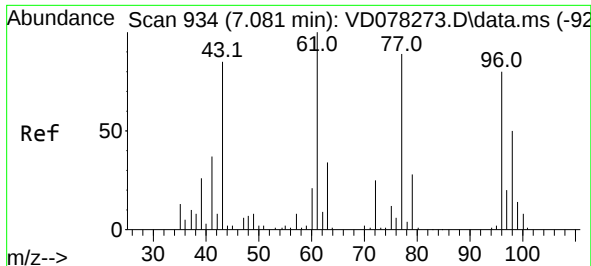
Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#24
 1,1-Dichloroethane
 Concen: 3.581 ug/l m
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD078283.D
 Acq: 30 Jan 2024 17:15

Tgt Ion: 63 Resp: 9507
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.5 13.7#
 100 0.0 2.5 7.5#





#25

2-Butanone

Concen: 20.462 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 43 Resp: 838

Ion Ratio Lower Upper

43 100

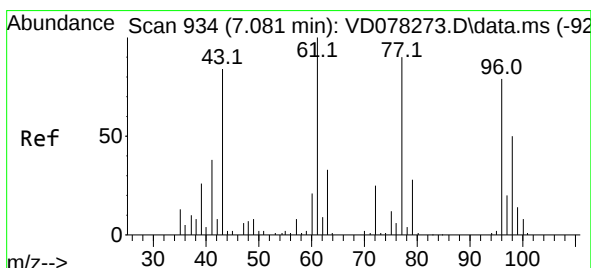
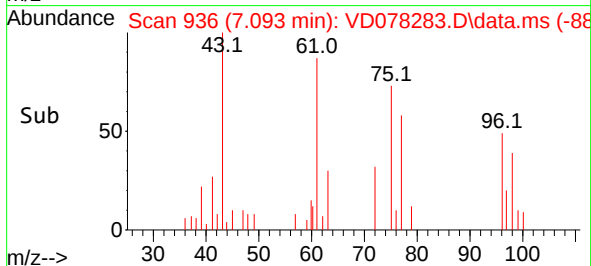
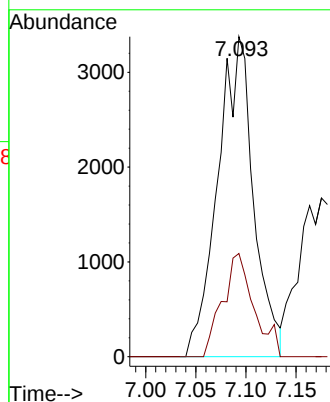
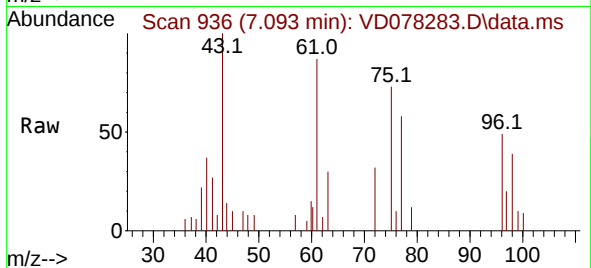
72 32.3 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#26

2,2-Dichloropropane

Concen: 3.719 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078283.D

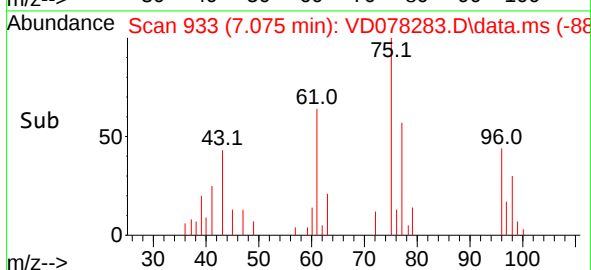
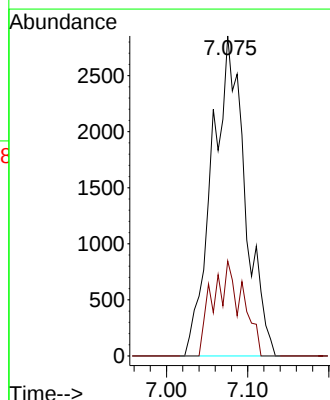
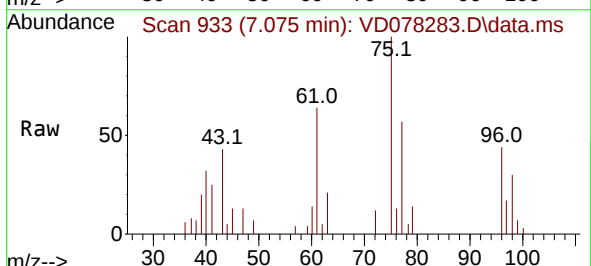
Acq: 30 Jan 2024 17:15

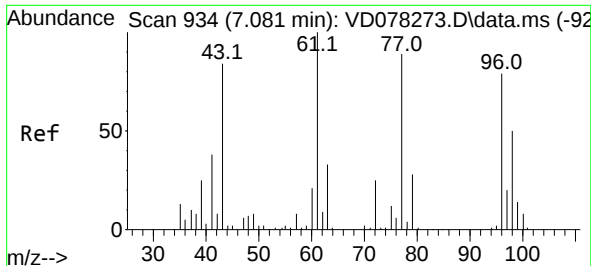
Tgt Ion: 77 Resp: 8066

Ion Ratio Lower Upper

77 100

97 26.3 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 3.996 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

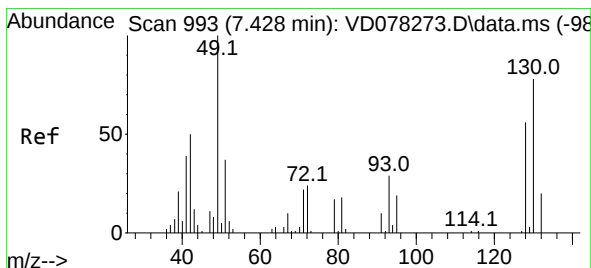
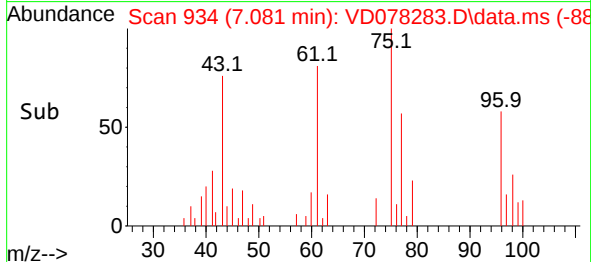
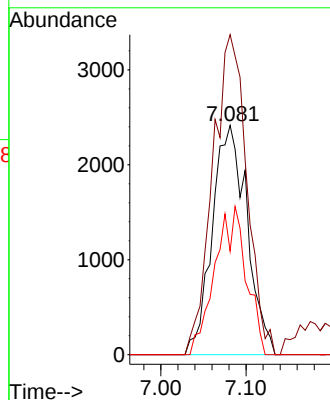
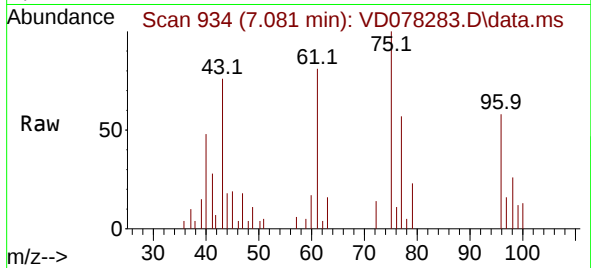
MDL-SOIL-03-QT1-2024

Tgt Ion: 96	Resp: 684
Ion Ratio	Lower Upper
96	100
61	136.9 0.0 239.2
98	58.3 0.0 128.6

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 4.418 ug/l

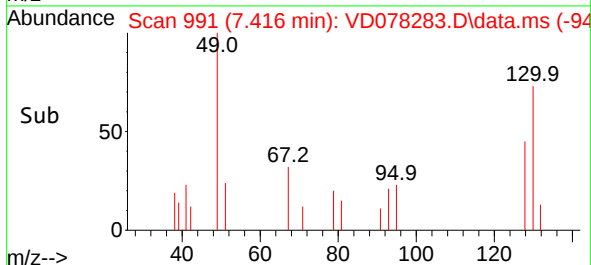
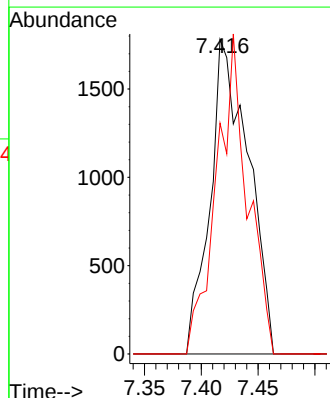
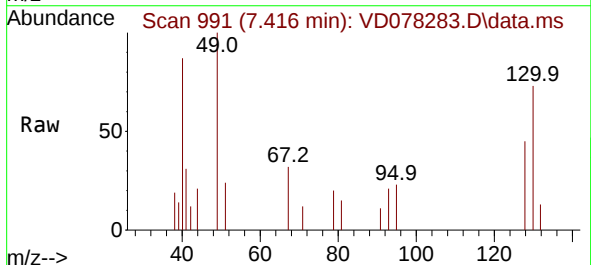
RT: 7.416 min Scan# 991

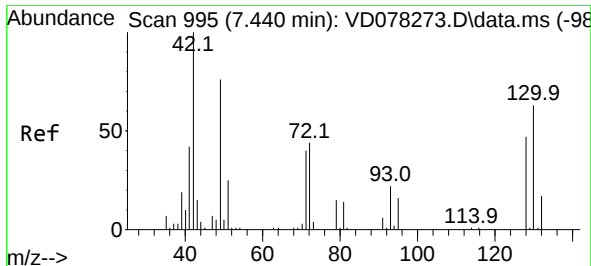
Delta R.T. -0.012 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Tgt Ion: 49	Resp: 4183
Ion Ratio	Lower Upper
49	100
129	0.0 0.0 6.0
130	82.1 83.2 124.8





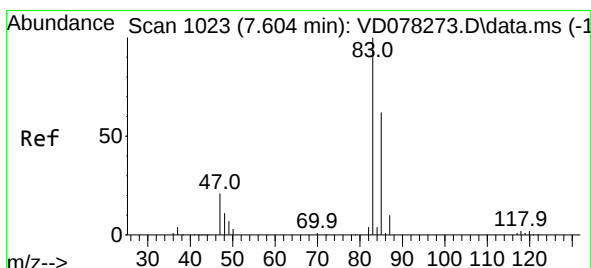
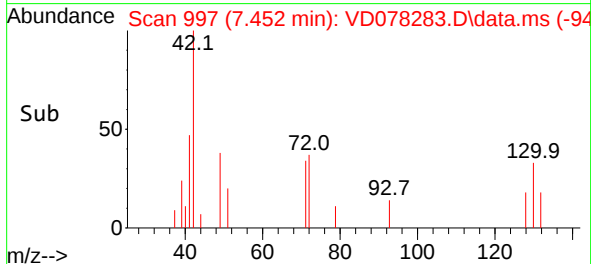
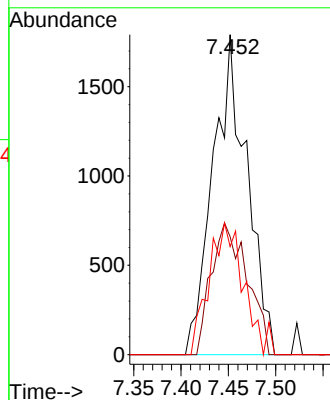
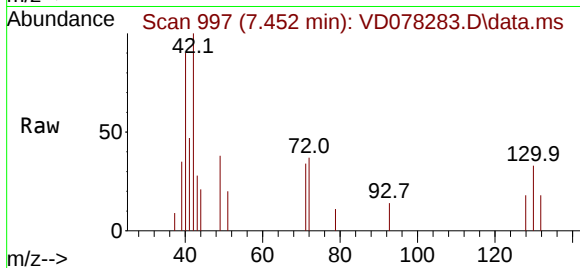
#29
Tetrahydrofuran
Concen: 20.308 ug/l
RT: 7.452 min Scan# 995
Delta R.T. 0.012 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

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

Tgt Ion: 42 Resp: 445
Ion Ratio Lower Upper
42 100
72 43.9 46.5 69.7
71 42.4 44.5 66.7

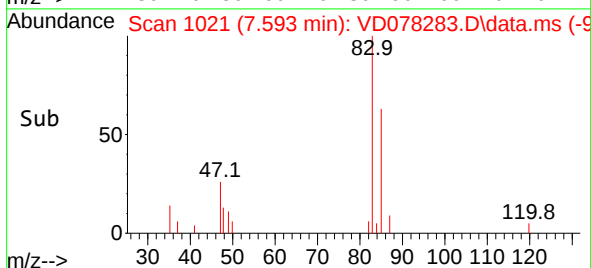
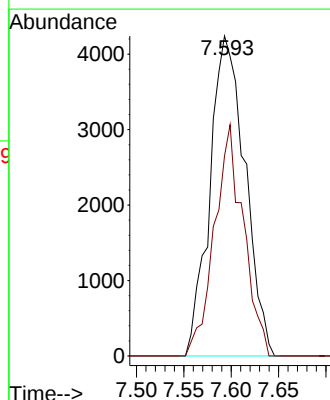
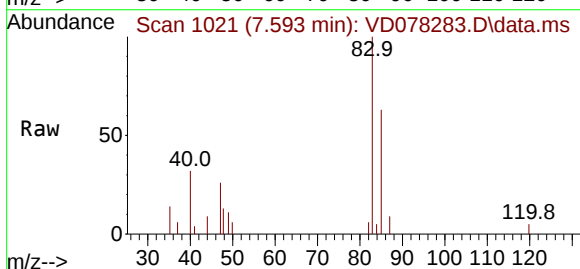
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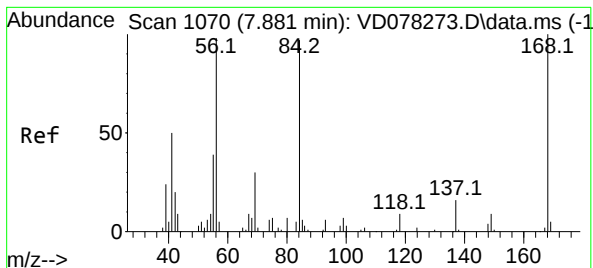
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#30
Chloroform
Concen: 4.029 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.012 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

Tgt Ion: 83 Resp: 10937
Ion Ratio Lower Upper
83 100
85 62.5 53.4 80.2





#31

Cyclohexane

Concen: 4.073 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

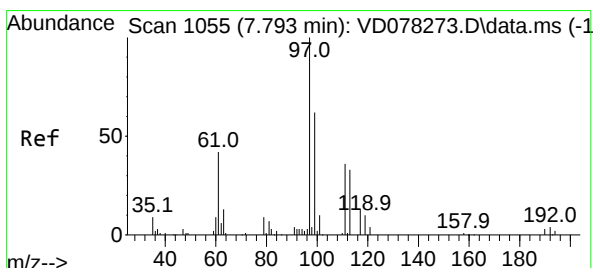
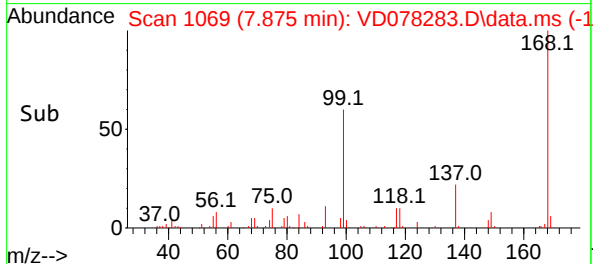
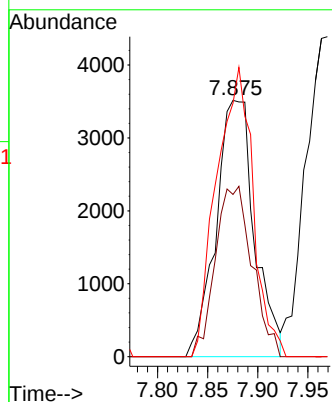
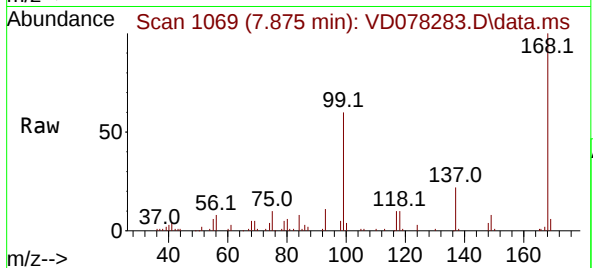
MDL-SOIL-03-QT1-2024

Tgt Ion:	56	Resp:	938
Ion Ratio	Lower	Upper	
56	100		
69	63.3	28.6	43.0
84	98.8	84.8	127.2

Manual Integrations

APPROVED

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



#32

1,1,1-Trichloroethane

Concen: 3.758 ug/l

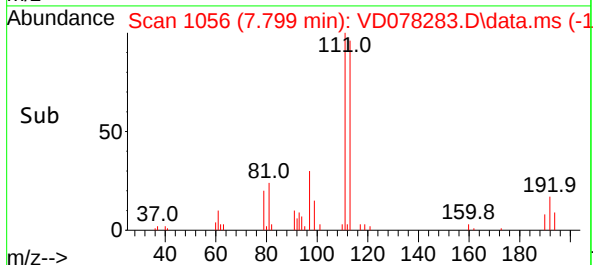
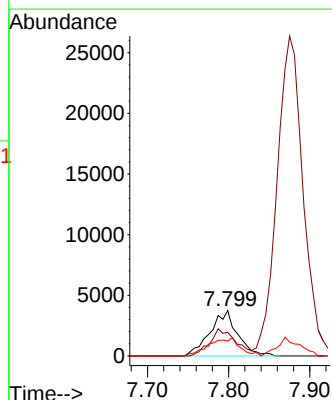
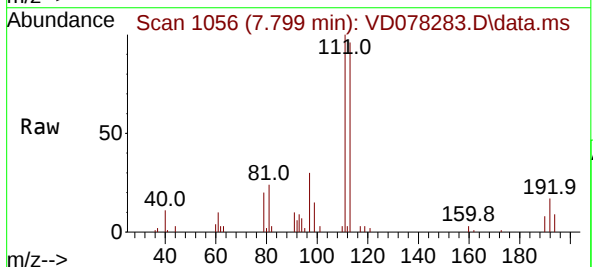
RT: 7.799 min Scan# 1056

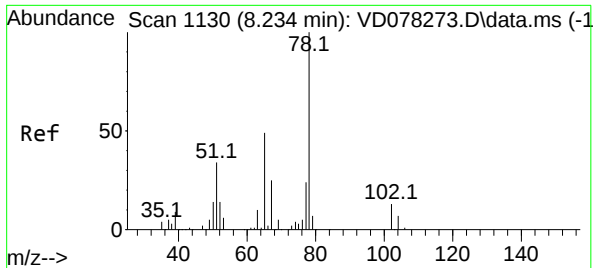
Delta R.T. 0.006 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Tgt Ion:	97	Resp:	8791
Ion Ratio	Lower	Upper	
97	100		
99	56.6	52.0	78.0
61	44.8	33.8	50.8





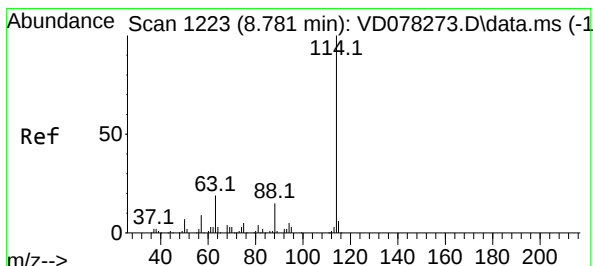
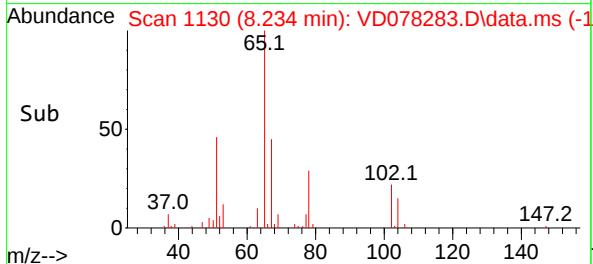
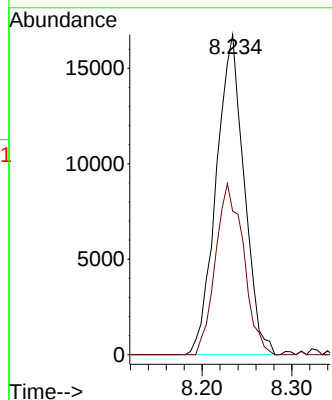
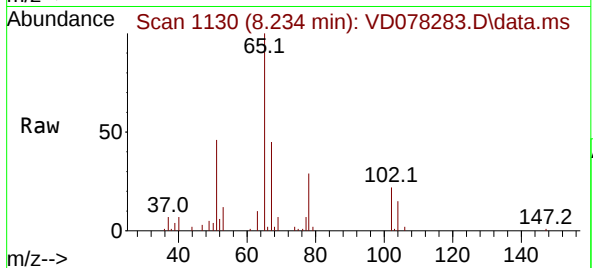
#33
1,2-Dichloroethane-d4
Concen: 29.394 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

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

Tgt Ion: 65 Resp: 36150
Ion Ratio Lower Upper
65 100
67 53.8 0.0 115.0

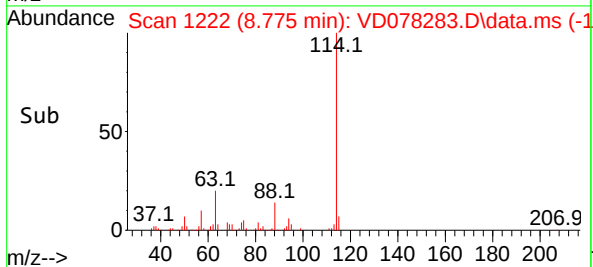
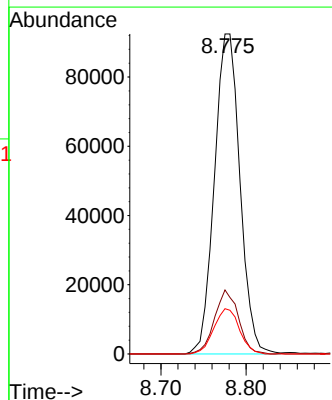
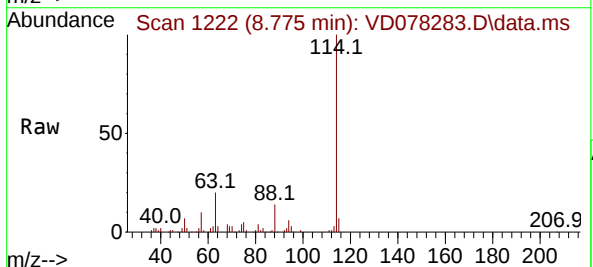
Manual Integrations
APPROVED

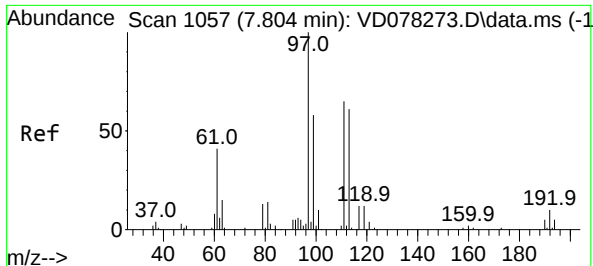
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

Tgt Ion:114 Resp: 192564
Ion Ratio Lower Upper
114 100
63 20.0 0.0 33.4
88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 25.562 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

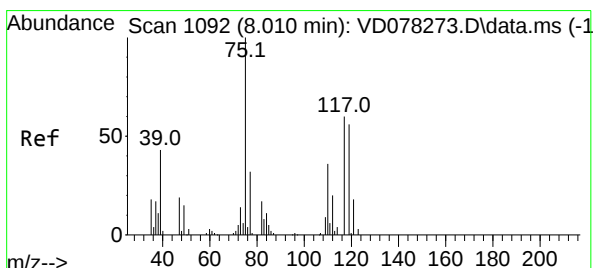
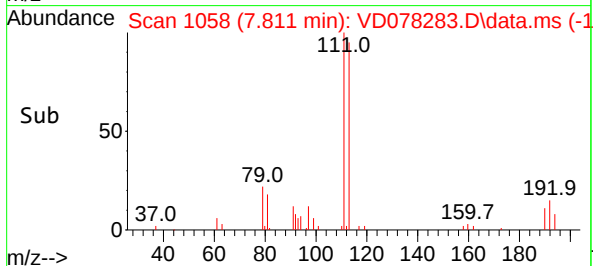
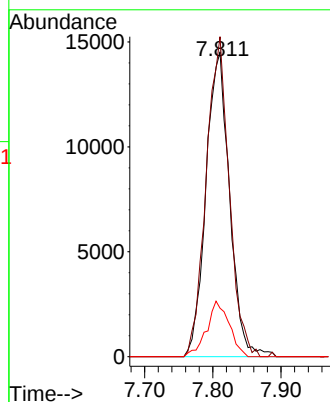
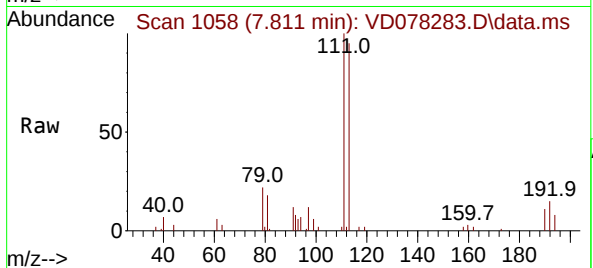
MDL-SOIL-03-QT1-2024

Tgt Ion:	113	Resp:	3504
Ion	Ratio	Lower	Upper
113	100		
111	102.4	84.7	127.1
192	17.4	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: 3.093 ug/l

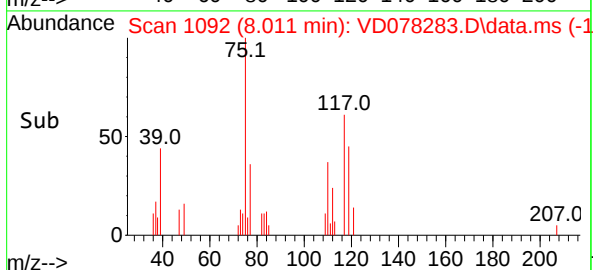
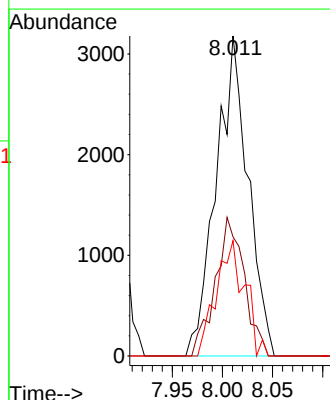
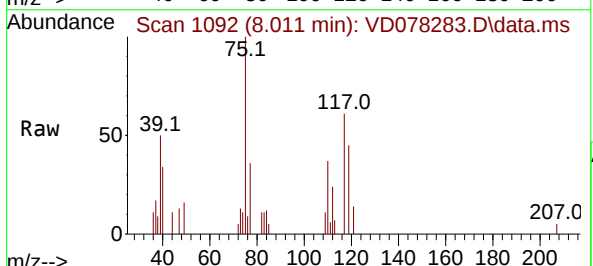
RT: 8.011 min Scan# 1092

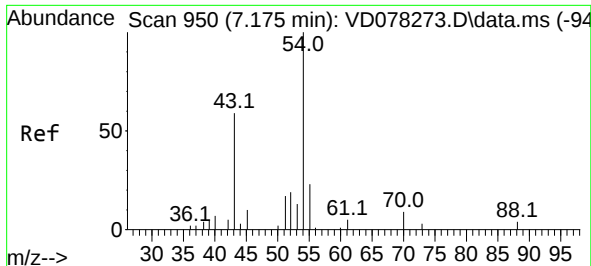
Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Tgt Ion:	75	Resp:	7032
Ion	Ratio	Lower	Upper
75	100		
110	39.3	19.9	59.6
77	32.2	24.7	37.1





#37

Ethyl Acetate

Concen: 5.894 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

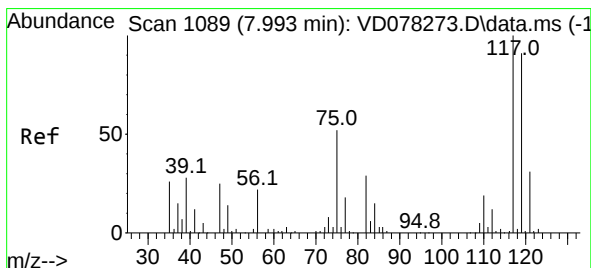
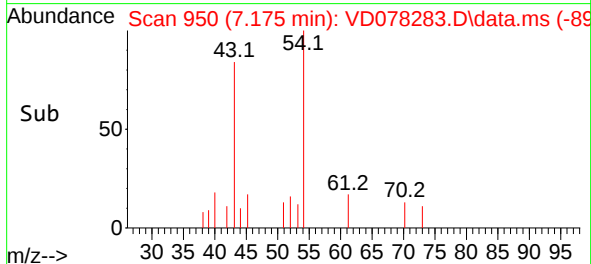
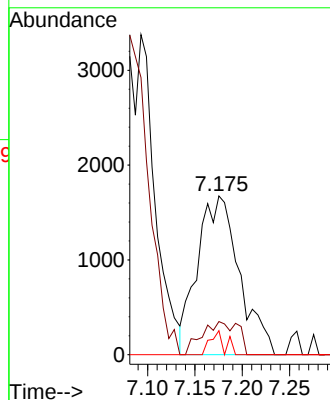
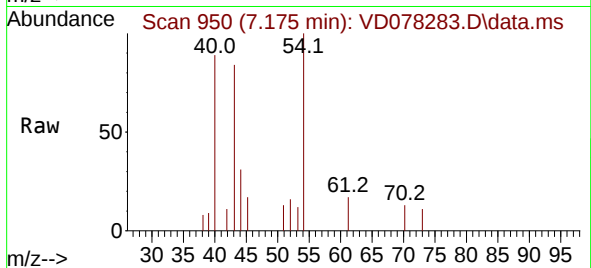
MDL-SOIL-03-QT1-2024

Tgt Ion: 43	Resp: 515
Ion Ratio	Lower Upper
43 100	
61 18.0	14.9 22.3
70 5.2	10.0 15.0

Manual Integrations

APPROVED

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



#38

Carbon Tetrachloride

Concen: 3.330 ug/l

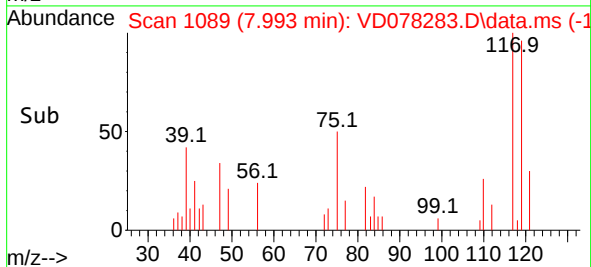
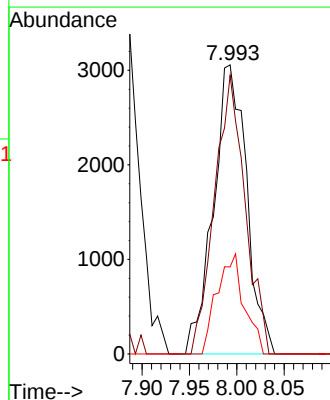
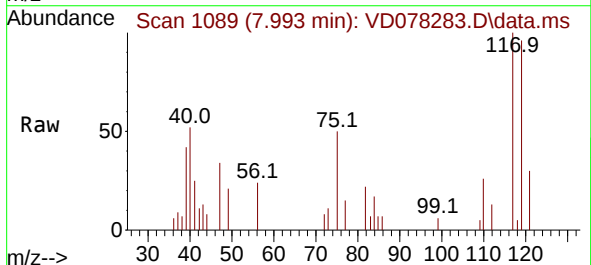
RT: 7.993 min Scan# 1089

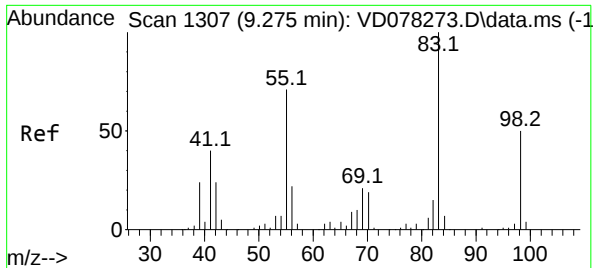
Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Tgt Ion: 117	Resp: 7443
Ion Ratio	Lower Upper
117 100	
119 96.4	78.0 117.0
121 30.1	24.2 36.2





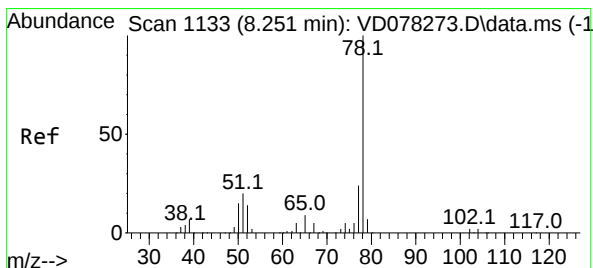
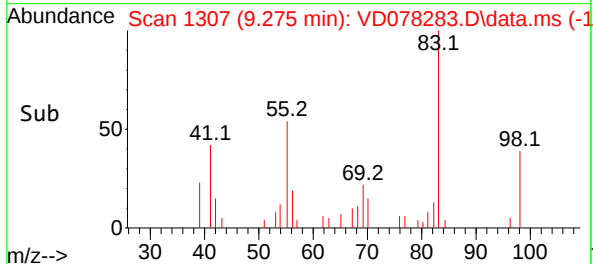
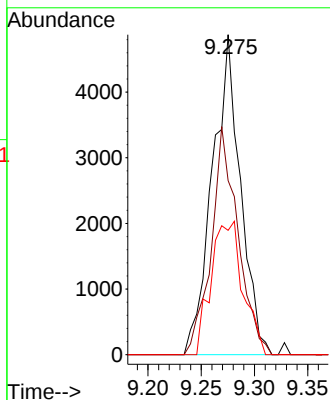
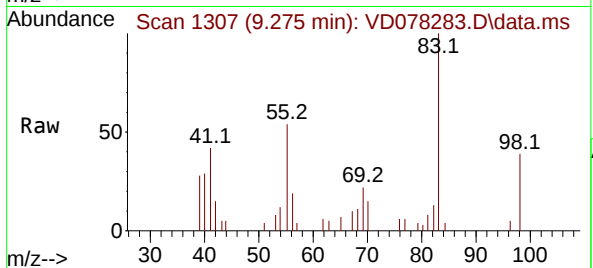
#39
Methylcyclohexane
Concen: 3.331 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

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

Tgt Ion: 83 Resp: 8952
Ion Ratio Lower Upper
83 100
55 54.4 49.4 74.0
98 38.8 38.4 57.6

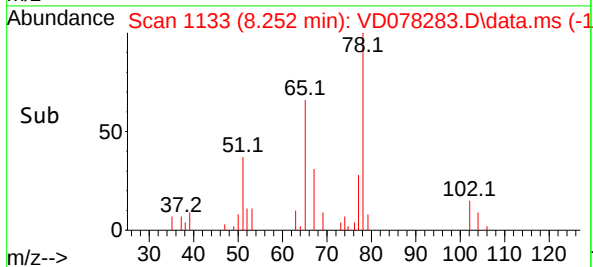
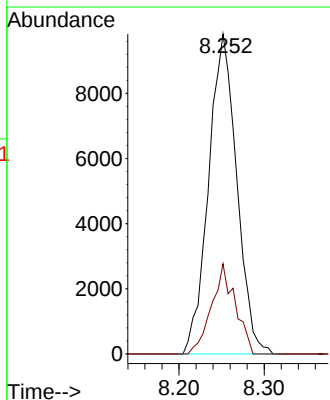
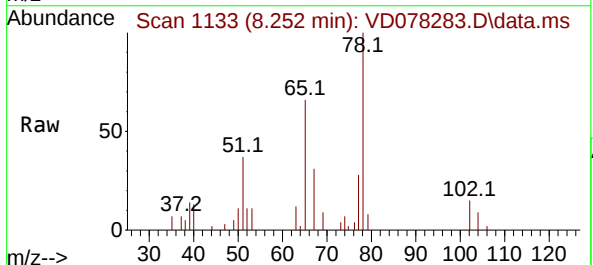
Manual Integrations
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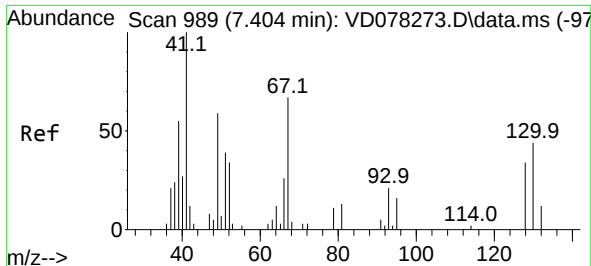
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#40
Benzene
Concen: 3.403 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

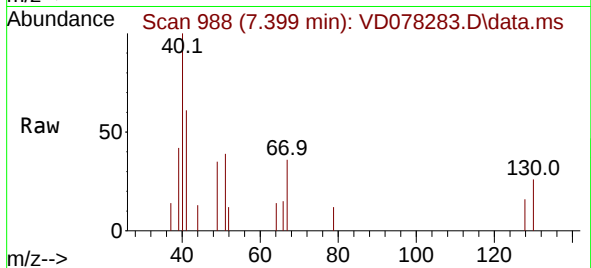
Tgt Ion: 78 Resp: 22574
Ion Ratio Lower Upper
78 100
77 28.2 19.4 29.0





#41
Methacrylonitrile
Concen: 3.848 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

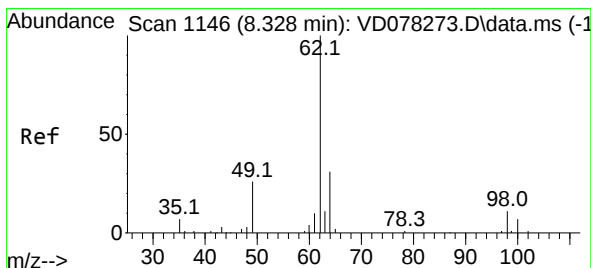
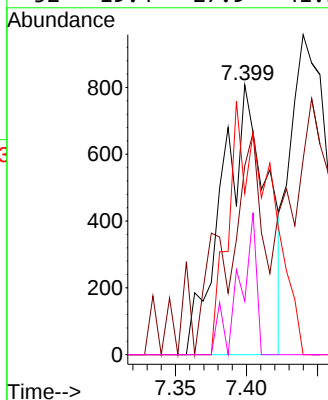
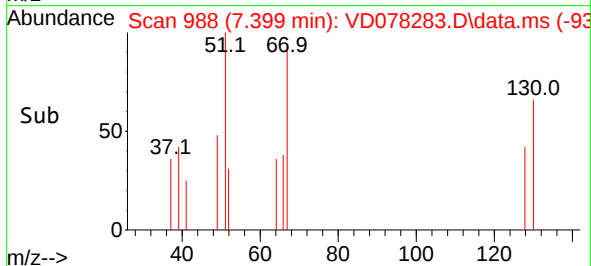
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion:	41	Resp:	1810
Ion Ratio	100	Lower	Upper
41	100		
39	42.6	34.0	51.0
67	85.1	77.0	115.4
52	19.4	27.9	41.9

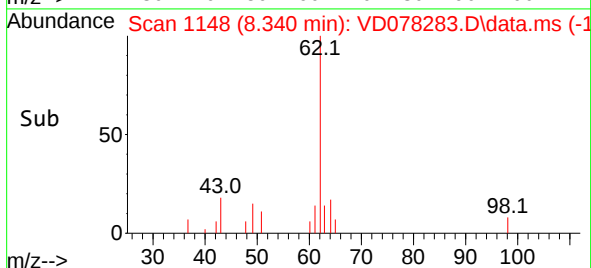
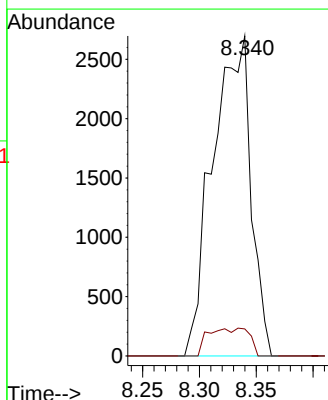
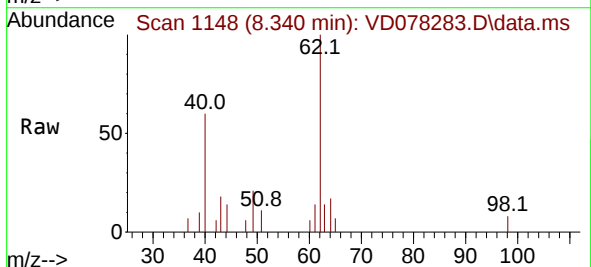
Manual Integrations
APPROVED

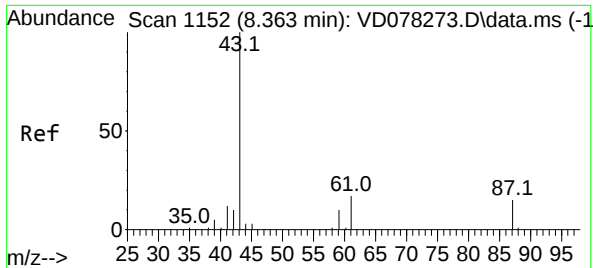
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#42
1,2-Dichloroethane
Concen: 3.655 ug/l
RT: 8.340 min Scan# 1148
Delta R.T. 0.012 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

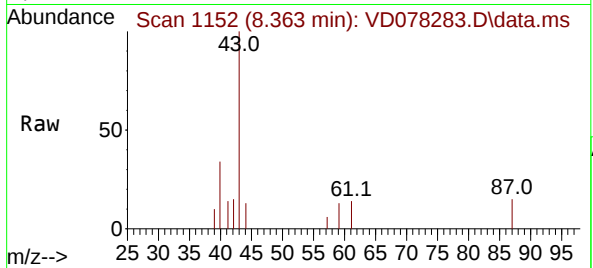
Tgt Ion:	62	Resp:	6288
Ion Ratio	100	Lower	Upper
62	100		
98	5.8	0.0	25.4





#43
Isopropyl Acetate
Concen: 3.429 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

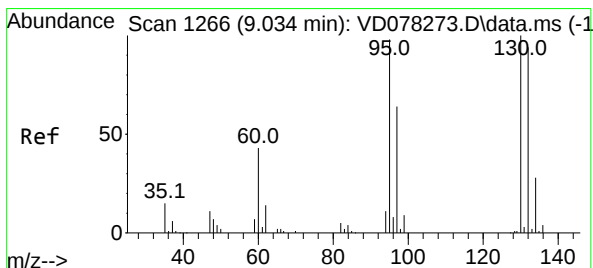
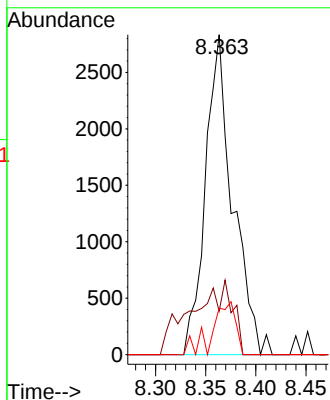
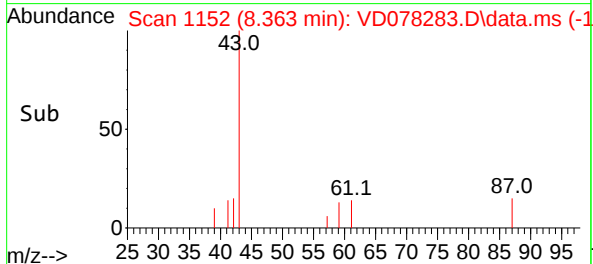
Instrument : MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 43 Resp: 5380
Ion Ratio Lower Upper
43 100
61 25.0 31.4 47.0
87 13.0 14.9 22.3

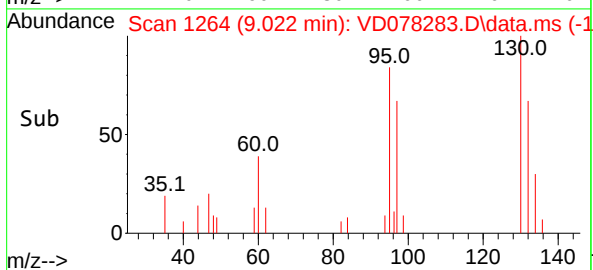
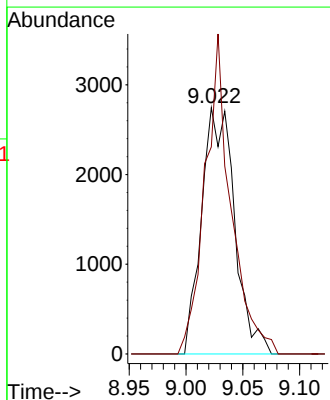
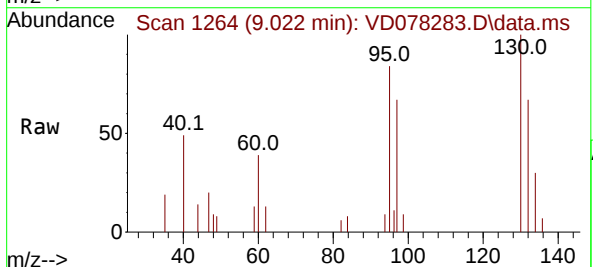
Manual Integrations
APPROVED

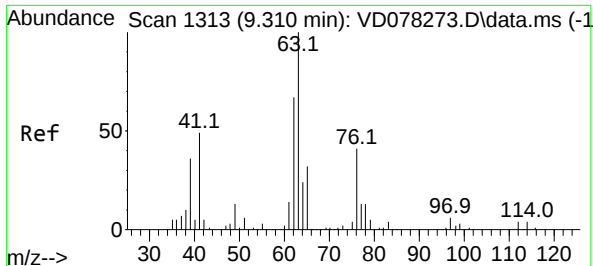
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#44
Trichloroethene
Concen: 3.398 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.012 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

Tgt Ion:130 Resp: 5535
Ion Ratio Lower Upper
130 100
95 84.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 3.569 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

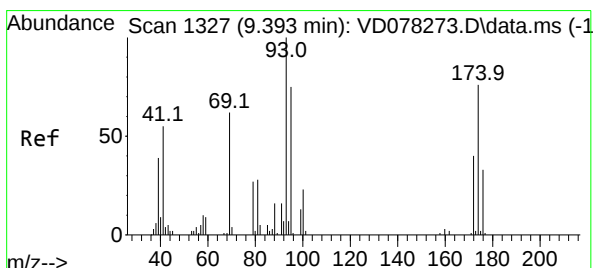
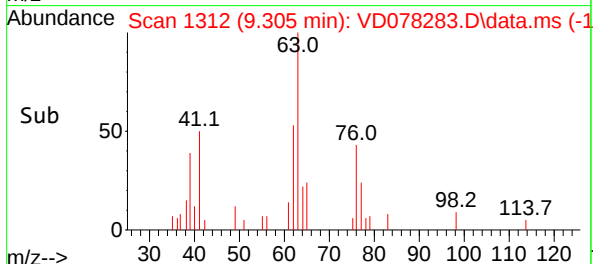
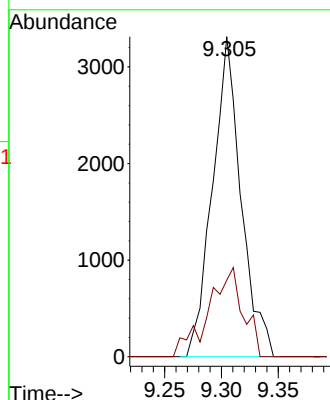
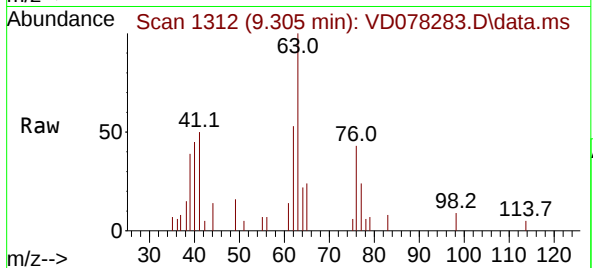
MDL-SOIL-03-QT1-2024

Tgt Ion: 63 Resp: 5789
 Ion Ratio Lower Upper
 63 100
 65 23.9 24.5 36.7

Manual Integrations

APPROVED

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



#46

Dibromomethane

Concen: 3.802 ug/l

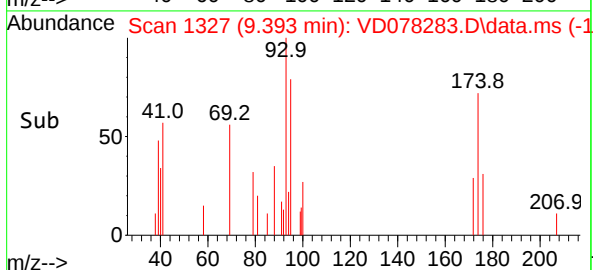
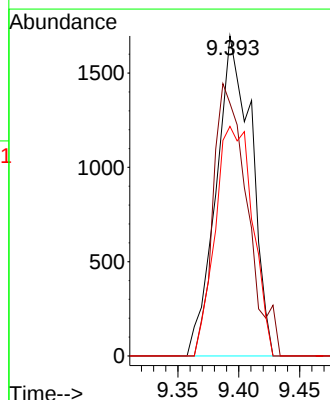
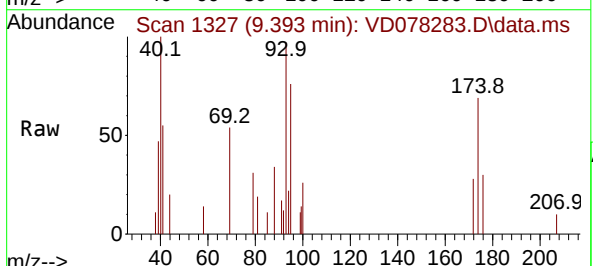
RT: 9.393 min Scan# 1327

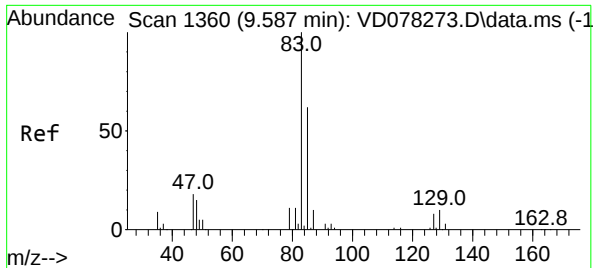
Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Tgt Ion: 93 Resp: 3421
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.7 101.5
 174 76.5 85.4 128.2





#47

Bromodichloromethane

Concen: 3.752 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

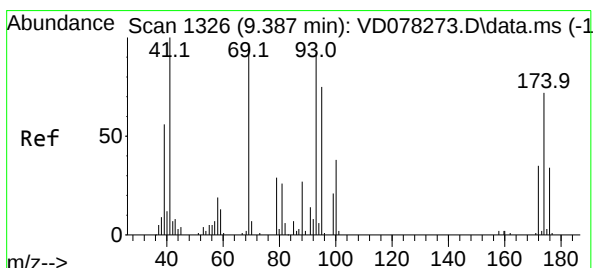
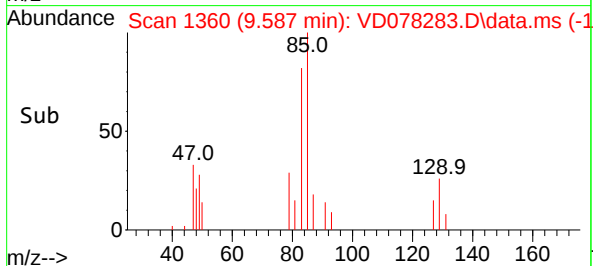
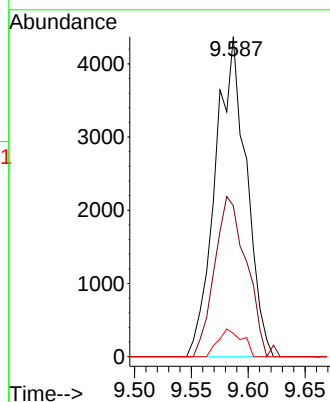
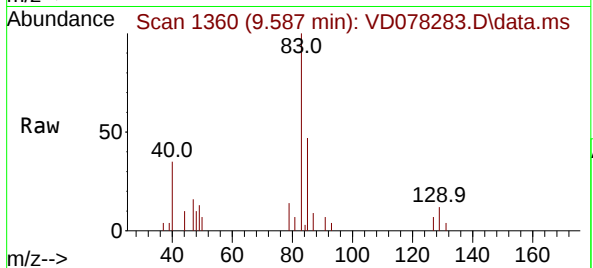
MDL-SOIL-03-QT1-2024

Tgt Ion: 83	Resp: 8300
Ion Ratio	Lower Upper
83	100
85	47.2 50.2 75.4
127	7.2 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: 3.947 ug/l

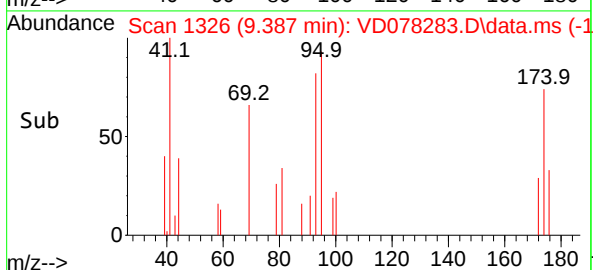
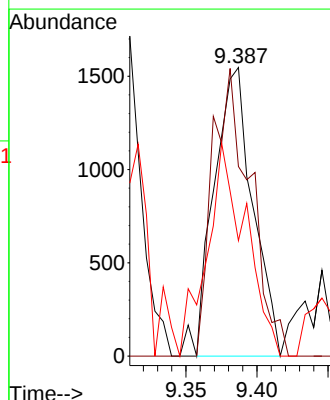
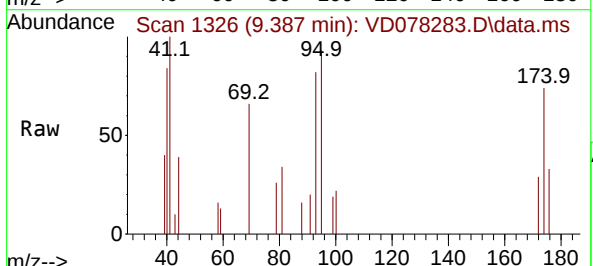
RT: 9.387 min Scan# 1326

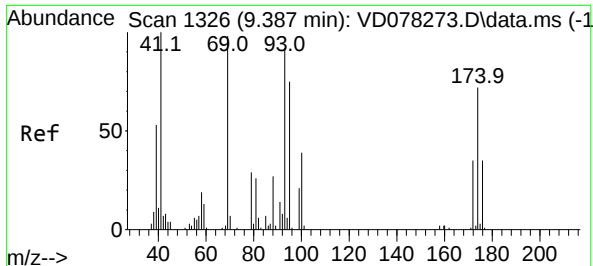
Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Tgt Ion: 41	Resp: 2959
Ion Ratio	Lower Upper
41	100
69	96.4 102.2 153.2
39	73.2 41.4 62.2





#49

1,4-Dioxane

Concen: 72.222 ug/l

RT: 9.393 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

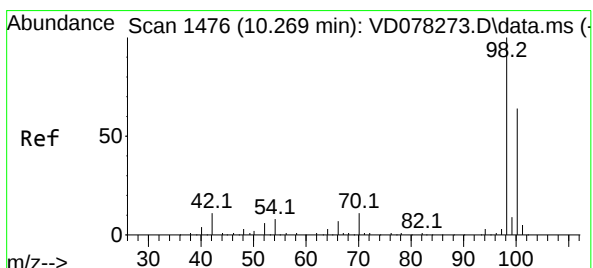
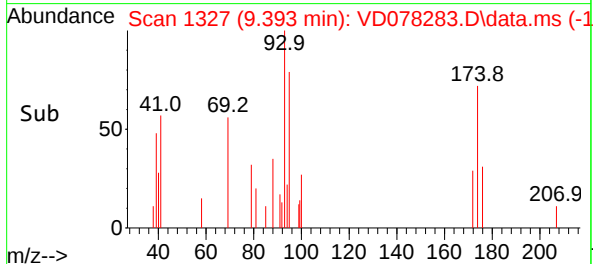
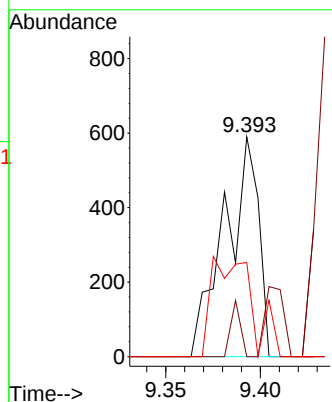
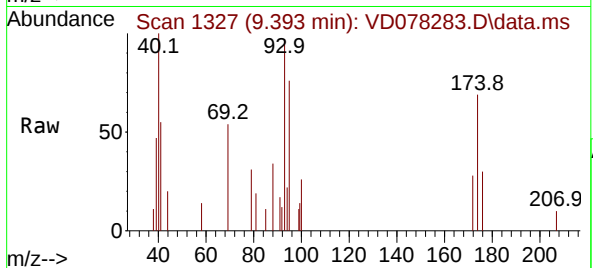
Tgt Ion: 88 Resp: 729

Ion	Ratio	Lower	Upper
88	100		
43	17.8	19.0	28.6
58	0.0	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: 25.588 ug/l

RT: 10.269 min Scan# 1476

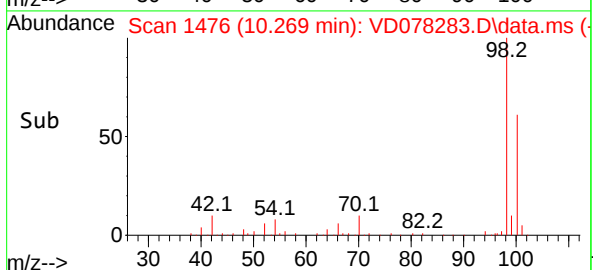
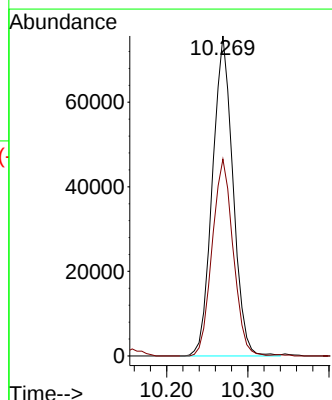
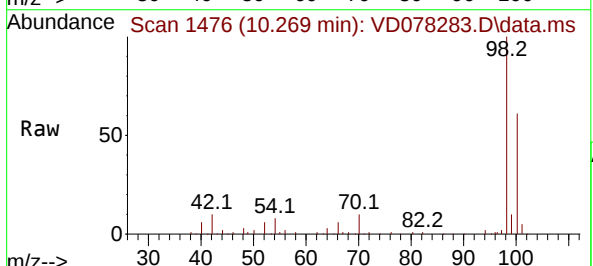
Delta R.T. 0.000 min

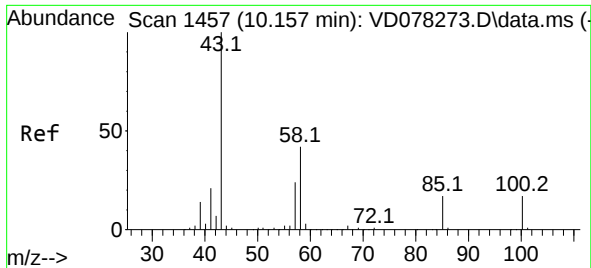
Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Tgt Ion: 98 Resp: 132809

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.3	75.5





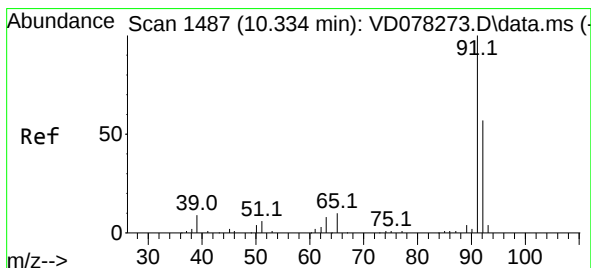
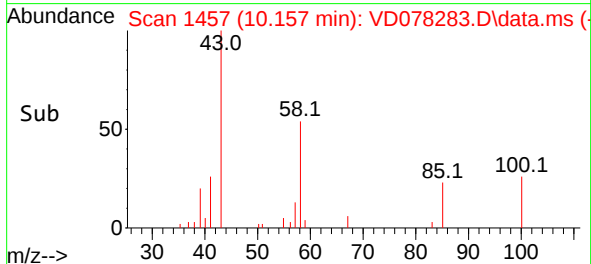
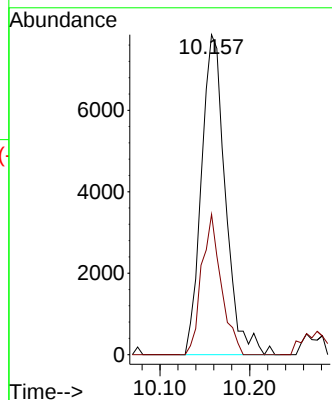
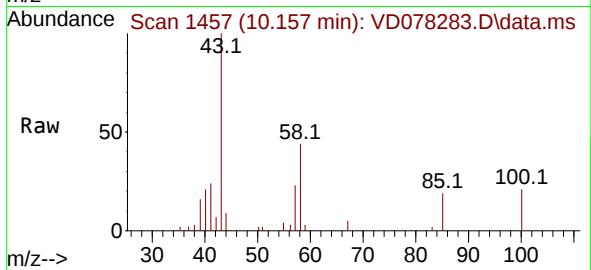
#51
4-Methyl-2-Pentanone
Concen: 17.171 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

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

Tgt Ion: 43 Resp: 14572
Ion Ratio Lower Upper
43 100
58 35.9 38.9 58.3

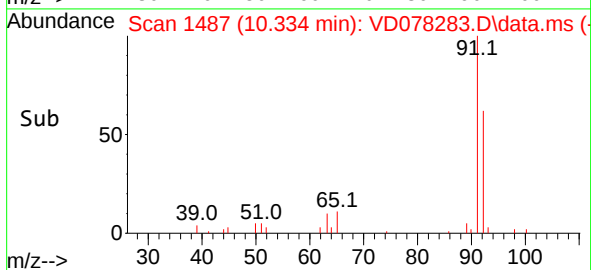
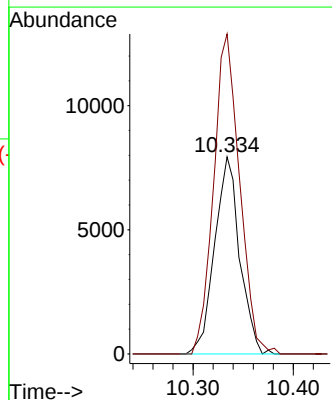
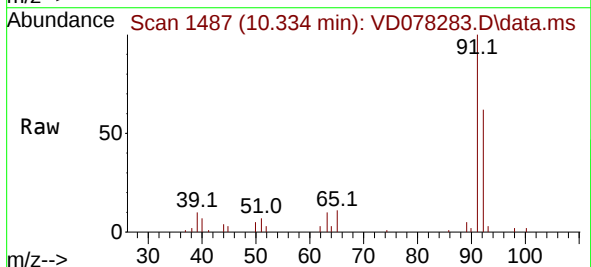
Manual Integrations
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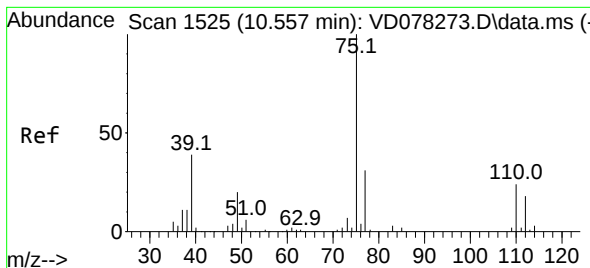
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#52
Toluene
Concen: 3.419 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

Tgt Ion: 92 Resp: 13754
Ion Ratio Lower Upper
92 100
91 168.6 143.0 214.4





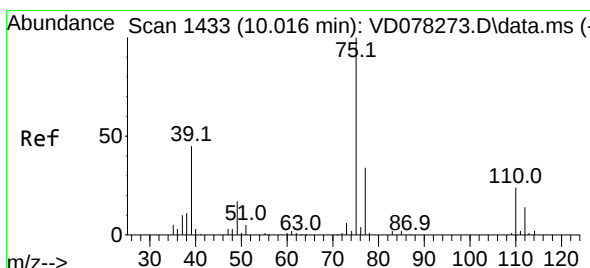
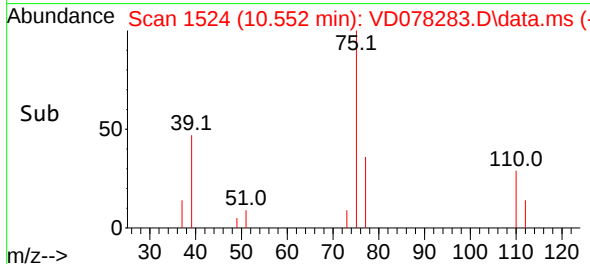
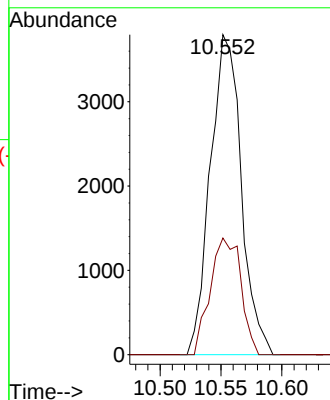
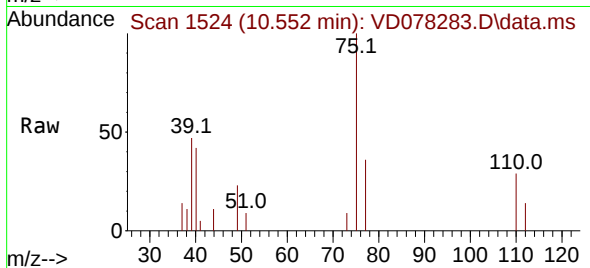
#53
t-1,3-Dichloropropene
Concen: 3.238 ug/l
RT: 10.552 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

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

Tgt Ion: 75 Resp: 669
Ion Ratio Lower Upper
75 100
77 36.5 25.3 37.9

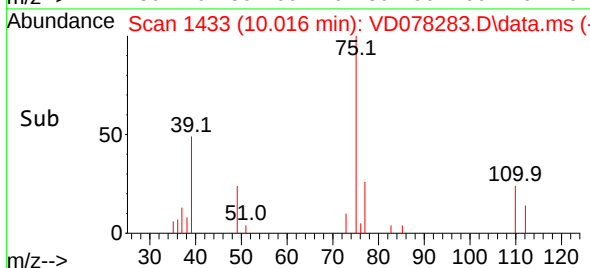
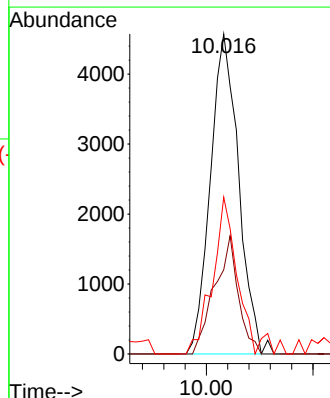
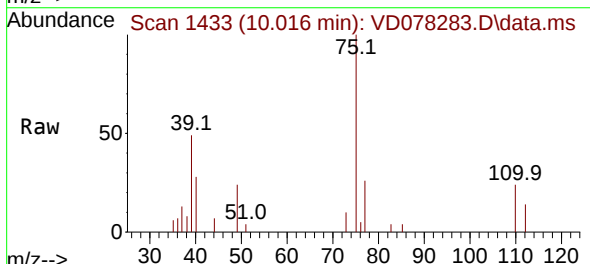
Manual Integrations
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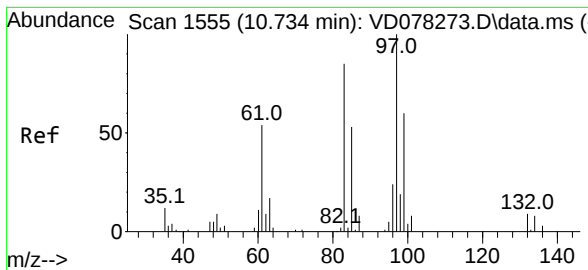
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#54
cis-1,3-Dichloropropene
Concen: 3.437 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

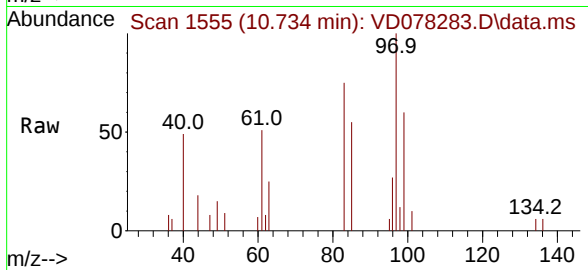
Tgt Ion: 75 Resp: 8413
Ion Ratio Lower Upper
75 100
77 26.3 25.5 38.3
39 49.0 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 3.716 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

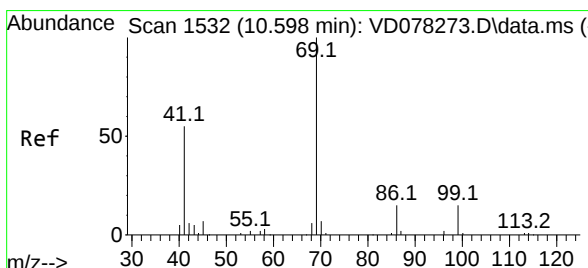
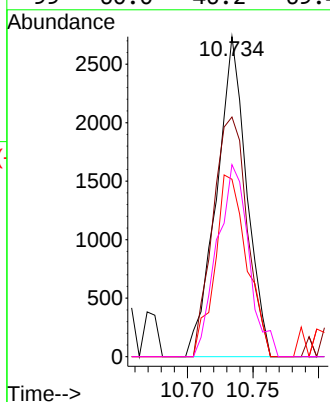
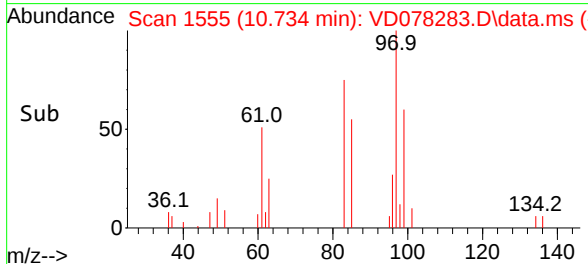
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



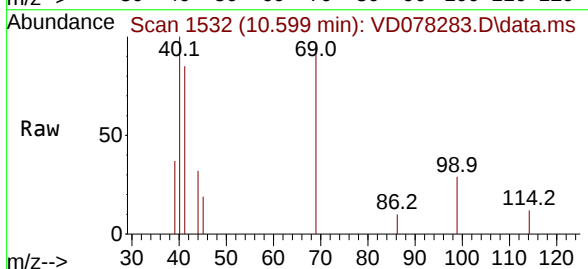
Tgt Ion	Ratio	Lower	Upper
97	100		
83	74.9	65.8	98.6
85	55.5	45.7	68.5
99	60.0	46.2	69.4

Manual Integrations
APPROVED

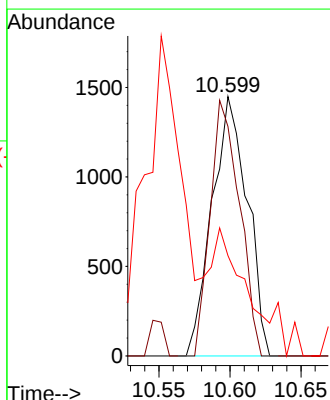
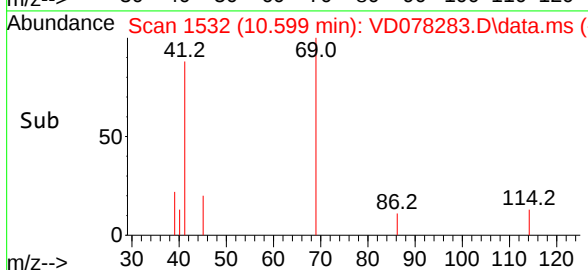
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

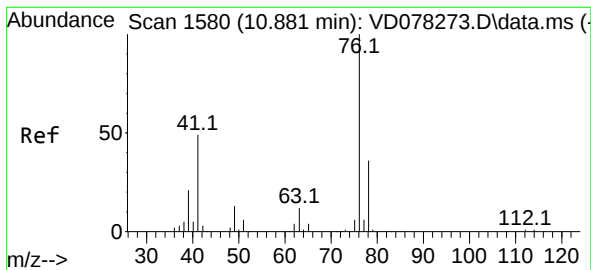


#56
Ethyl methacrylate
Concen: 1.879 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15



Tgt Ion	Ratio	Lower	Upper
69	100		
41	82.1	39.1	58.7#
39	53.8	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 3.738 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

Tgt Ion: 76 Resp: 7568

Ion Ratio Lower Upper

76 100

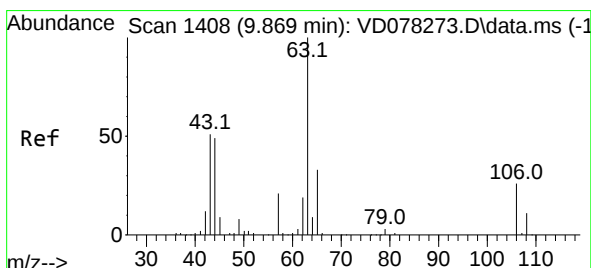
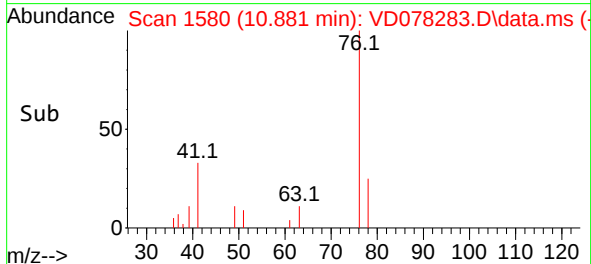
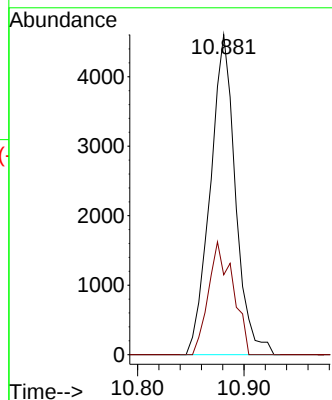
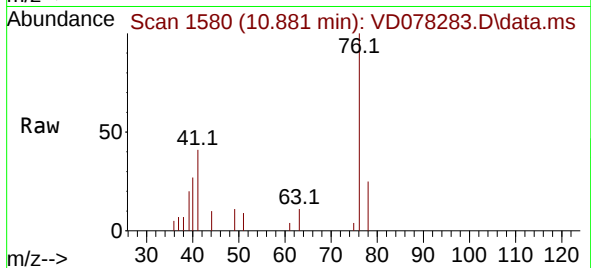
78 34.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#58

2-Chloroethyl Vinyl ether

Concen: 18.736 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078283.D

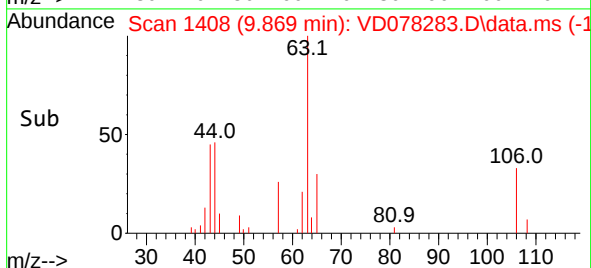
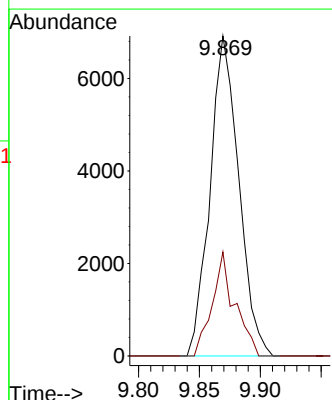
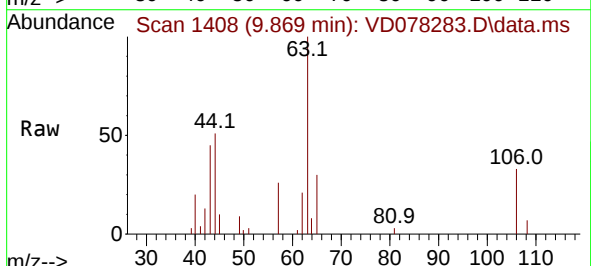
Acq: 30 Jan 2024 17:15

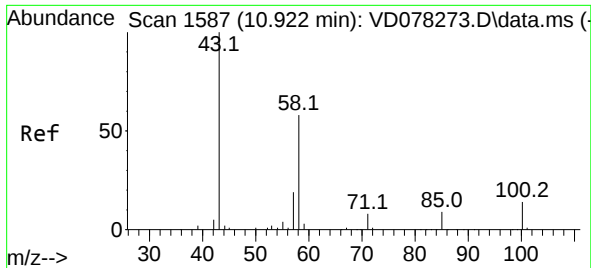
Tgt Ion: 63 Resp: 11348

Ion Ratio Lower Upper

63 100

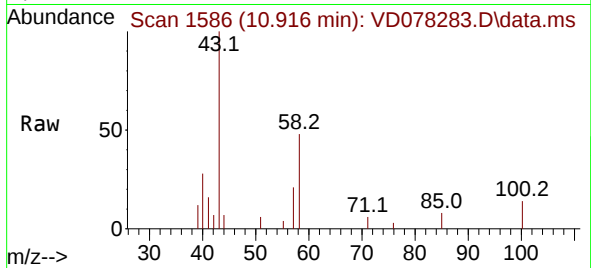
106 25.5 25.3 37.9





#59
2-Hexanone
Concen: 17.550 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

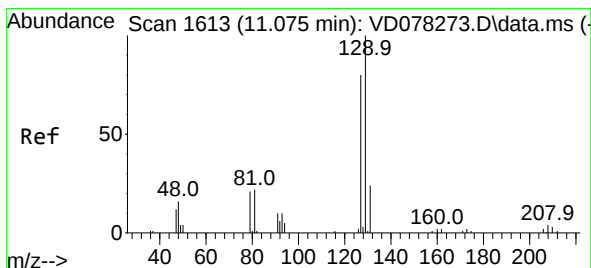
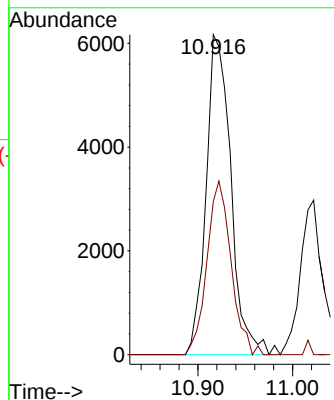
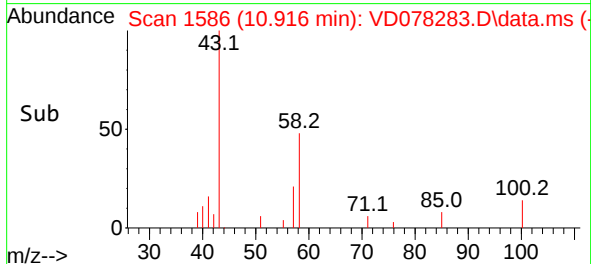
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 52.8 34.1 102.2

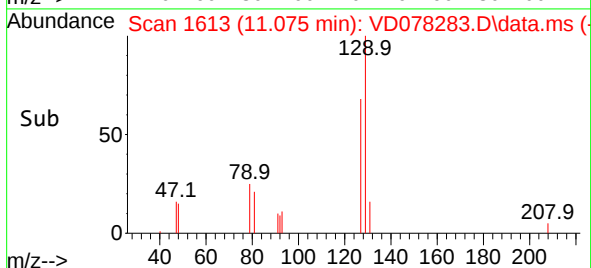
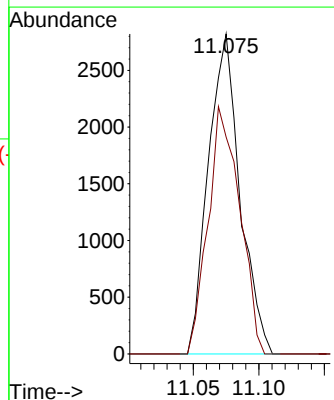
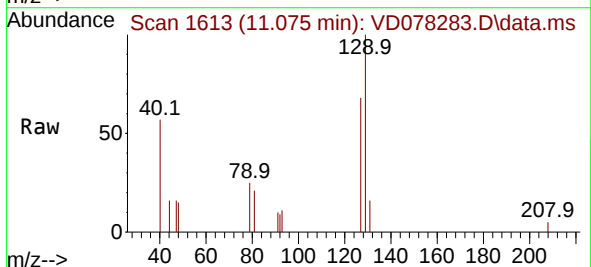
Manual Integrations
APPROVED

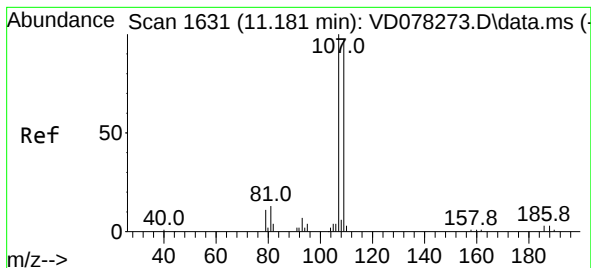
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#60
Dibromochloromethane
Concen: 3.477 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

Tgt Ion:129 Resp: 4739
Ion Ratio Lower Upper
129 100
127 77.4 37.1 111.5





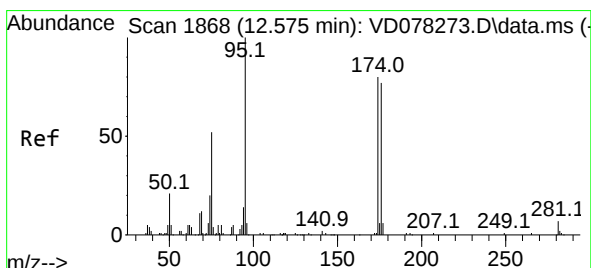
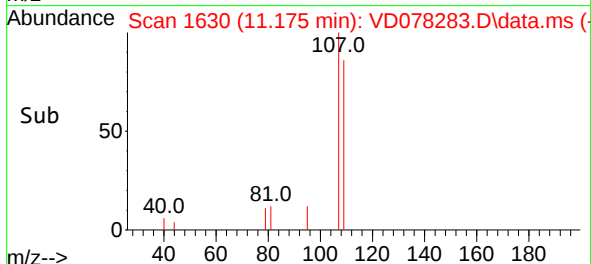
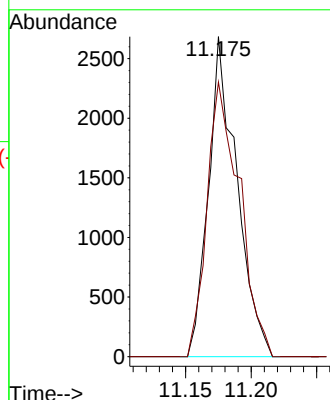
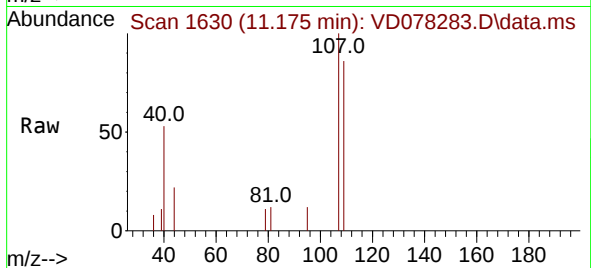
#61
1,2-Dibromoethane
Concen: 3.642 ug/l
RT: 11.175 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

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

Tgt Ion:107 Resp: 4038
Ion Ratio Lower Upper
107 100
109 98.1 75.6 113.4

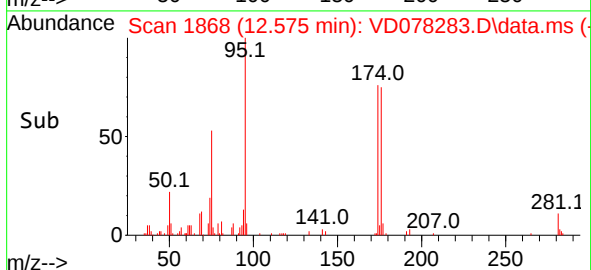
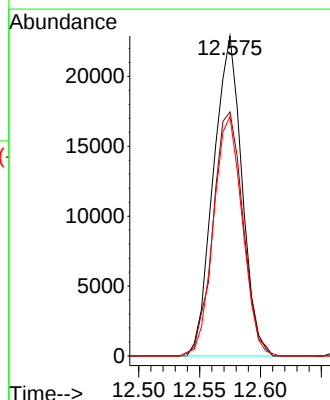
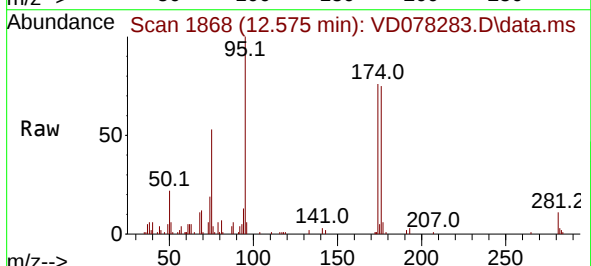
Manual Integrations
APPROVED

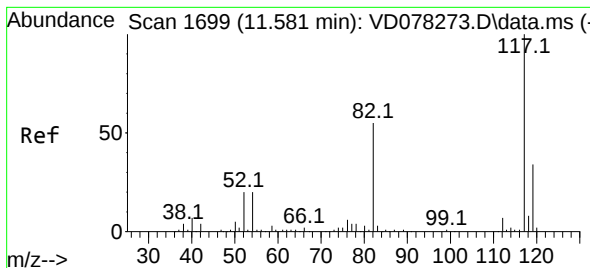
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#62
4-Bromofluorobenzene
Concen: 23.948 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

Tgt Ion: 95 Resp: 37224
Ion Ratio Lower Upper
95 100
174 80.2 0.0 201.8
176 76.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2024

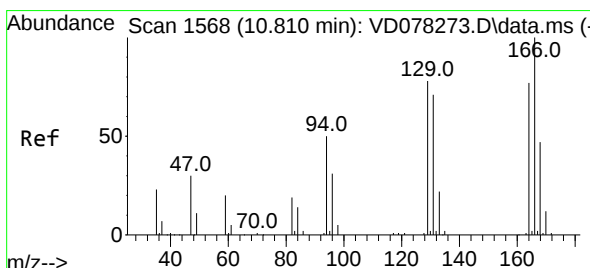
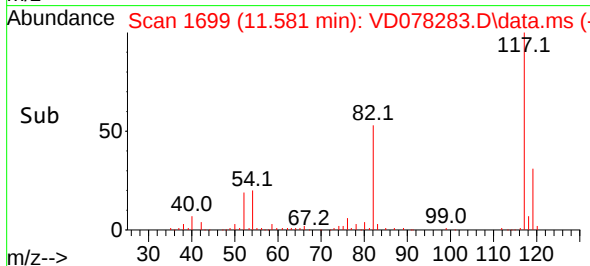
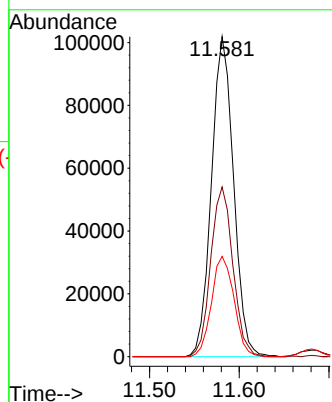
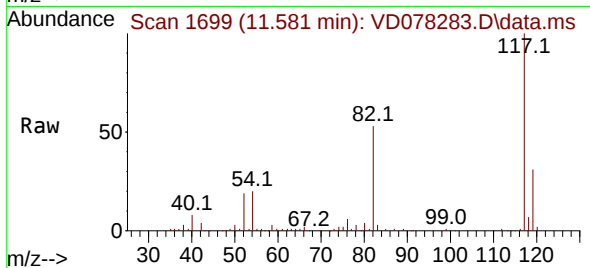
Tgt Ion:117 Resp: 17431

Ion	Ratio	Lower	Upper
117	100		
82	53.1	38.3	57.5
119	31.4	25.0	37.4

Manual Integrations

APPROVED

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



#64

Tetrachloroethene

Concen: 3.494 ug/l

RT: 10.810 min Scan# 1568

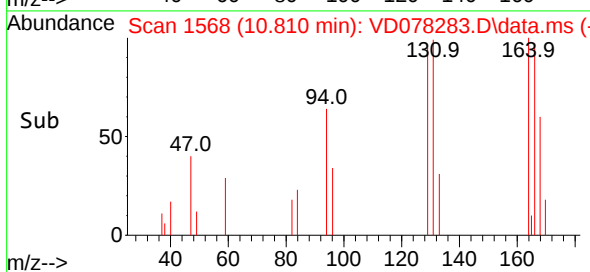
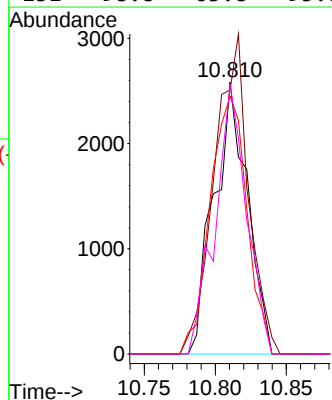
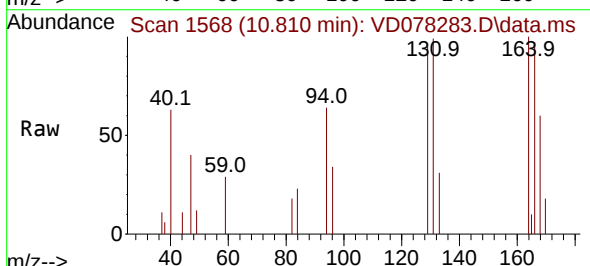
Delta R.T. 0.000 min

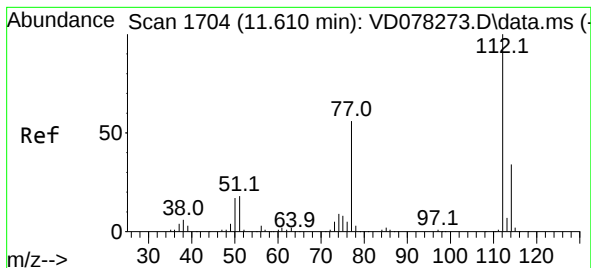
Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Tgt Ion:164 Resp: 4248

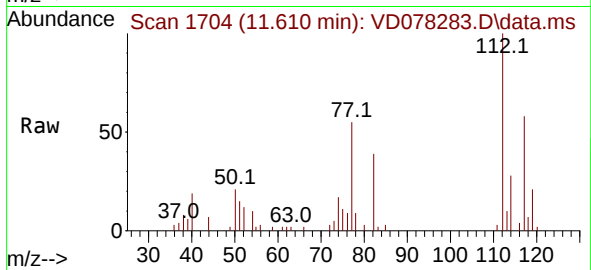
Ion	Ratio	Lower	Upper
164	100		
166	97.2	99.2	148.8#
129	94.9	68.4	102.6
131	98.8	63.8	95.8#





#65
Chlorobenzene
Concen: 3.509 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

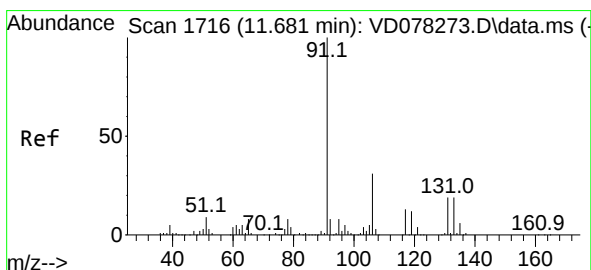
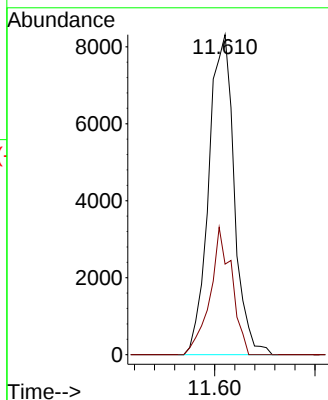
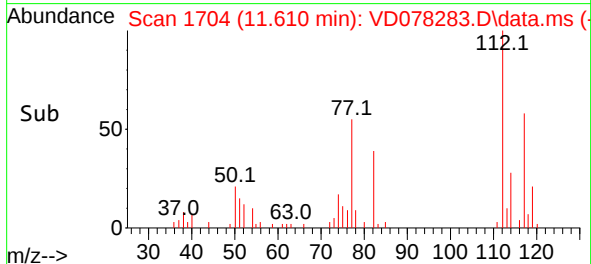
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion:112 Resp: 14632
Ion Ratio Lower Upper
112 100
114 28.3 25.1 37.7

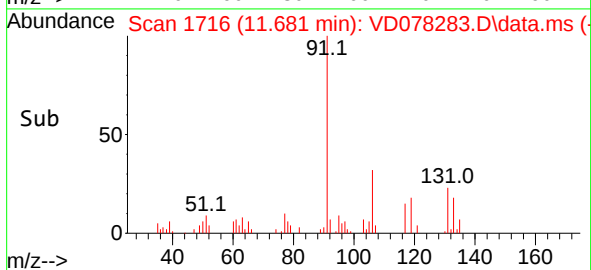
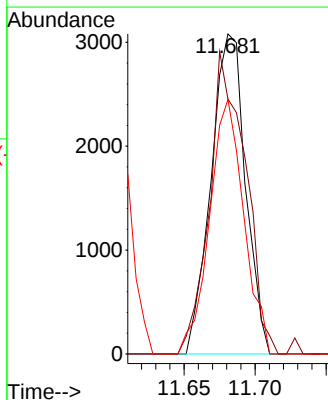
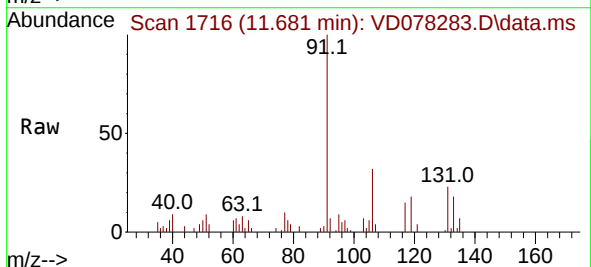
Manual Integrations
APPROVED

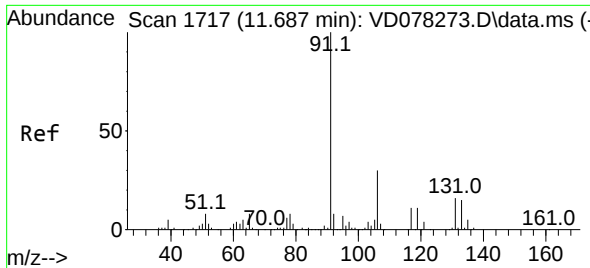
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 3.505 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

Tgt Ion:131 Resp: 5204
Ion Ratio Lower Upper
131 100
133 98.4 48.5 145.5
119 79.0 35.6 106.9





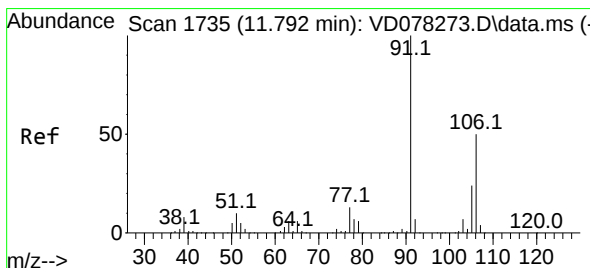
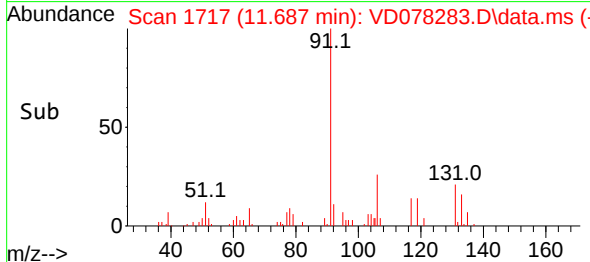
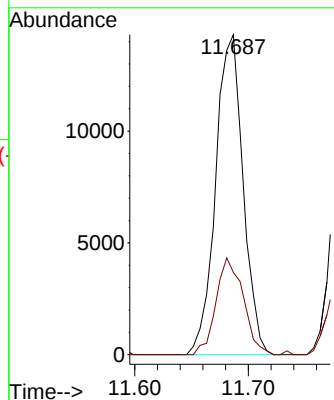
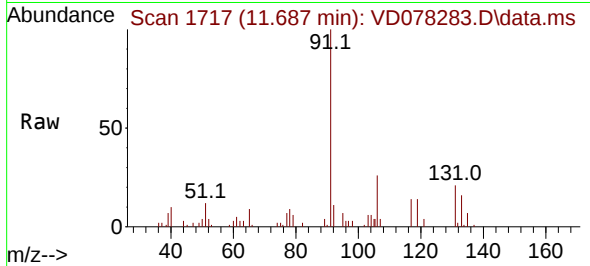
#67
Ethyl Benzene
Concen: 3.184 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

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

Tgt Ion: 91 Resp: 24054
Ion Ratio Lower Upper
91 100
106 25.7 26.5 39.7

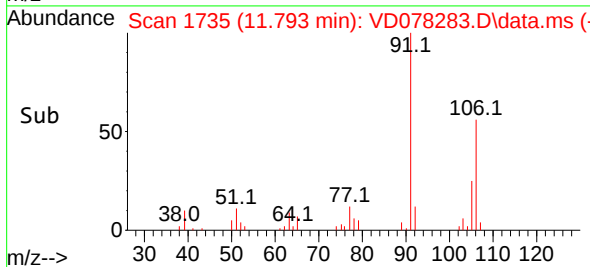
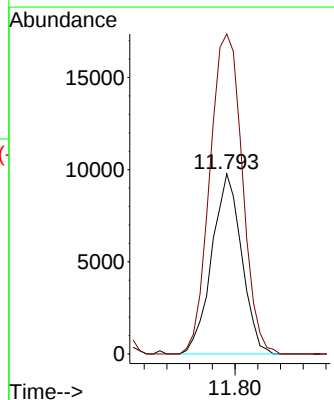
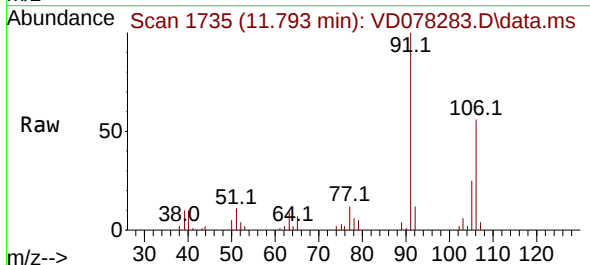
Manual Integrations
APPROVED

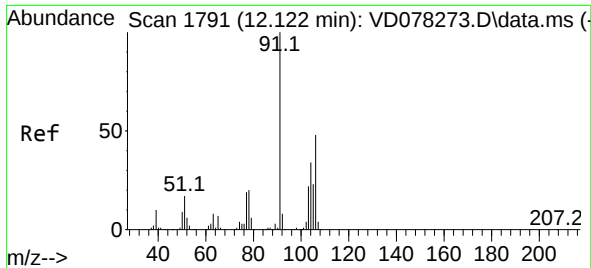
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#68
m/p-Xylenes
Concen: 6.127 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

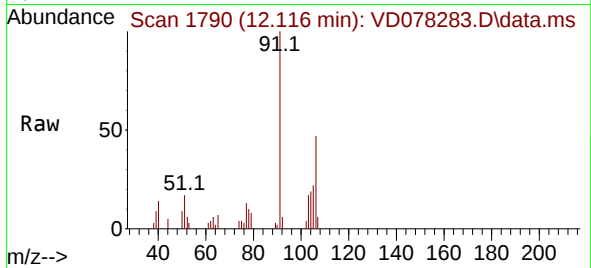
Tgt Ion:106 Resp: 17807
Ion Ratio Lower Upper
106 100
91 193.5 147.0 220.6





#69
o-Xylene
Concen: 3.051 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

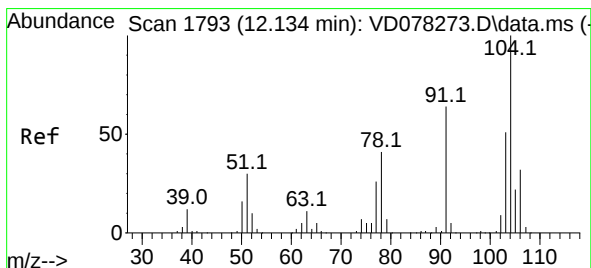
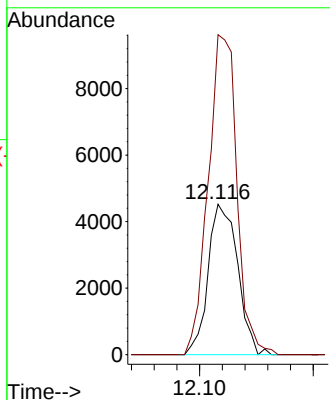
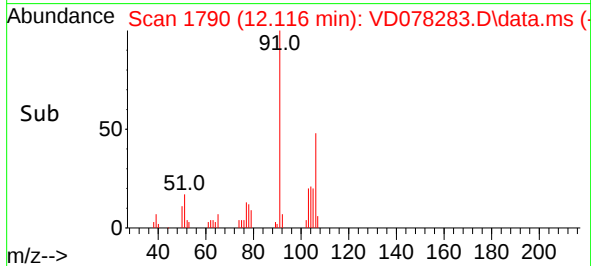
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion:106 Resp: 8149
Ion Ratio Lower Upper
106 100
91 206.7 97.9 293.6

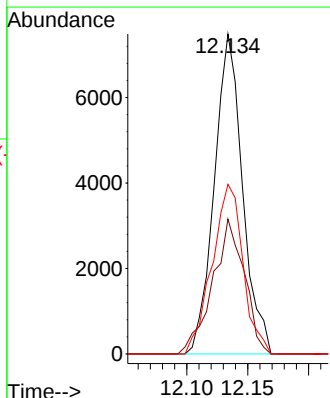
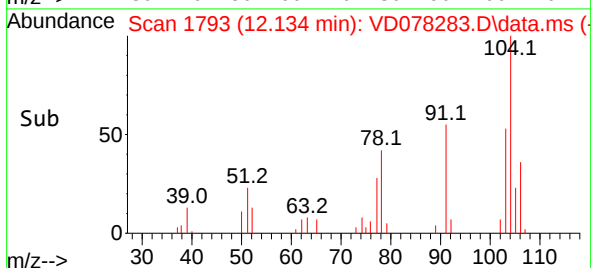
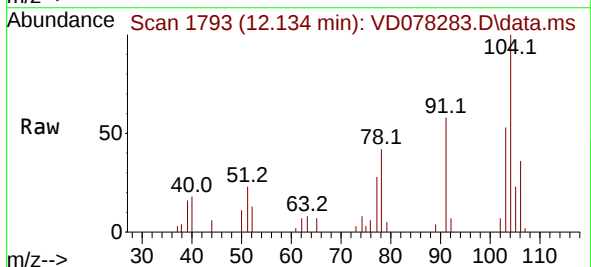
Manual Integrations
APPROVED

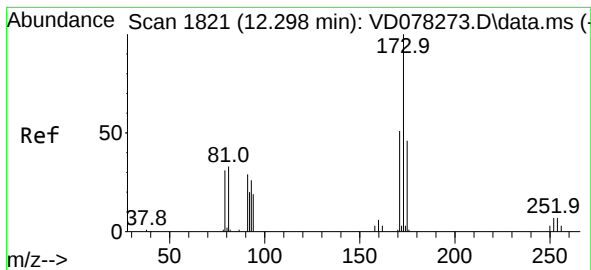
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#70
Styrene
Concen: 2.646 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

Tgt Ion:104 Resp: 12071
Ion Ratio Lower Upper
104 100
78 47.2 33.2 49.8
103 58.0 43.6 65.4





#71

Bromoform

Concen: 3.659 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

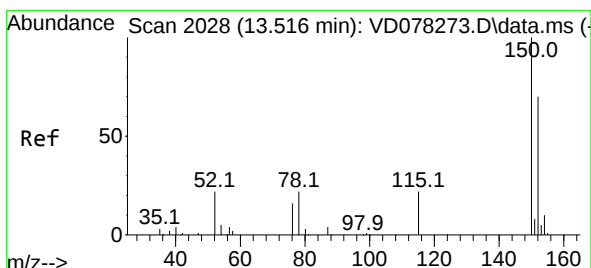
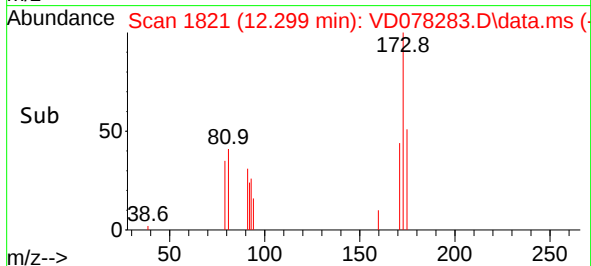
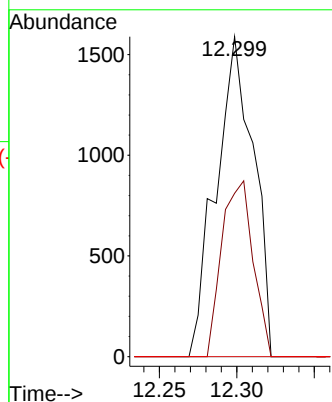
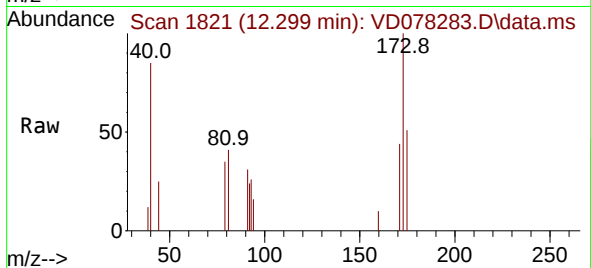
MDL-SOIL-03-QT1-2024

Tgt Ion:173	Resp:	2670
Ion Ratio	Lower	Upper
173	100	
175	45.8	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

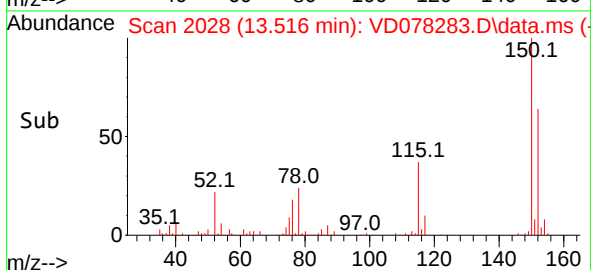
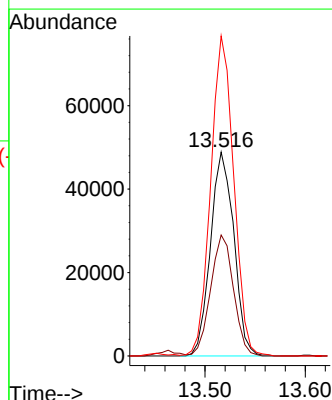
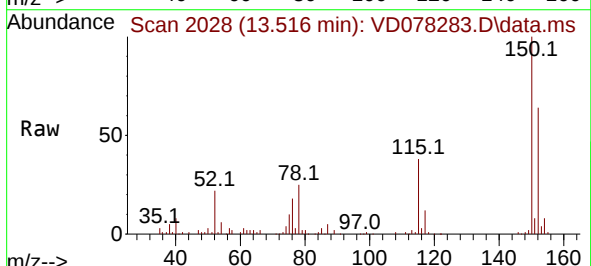
RT: 13.516 min Scan# 2028

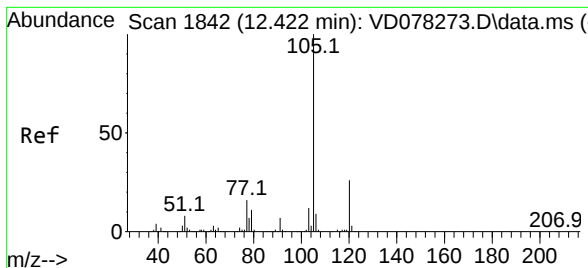
Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Tgt Ion:152	Resp:	79168
Ion Ratio	Lower	Upper
152	100	
115	58.1	27.1 81.3
150	154.7	0.0 353.6





#73

Isopropylbenzene

Concen: 3.122 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

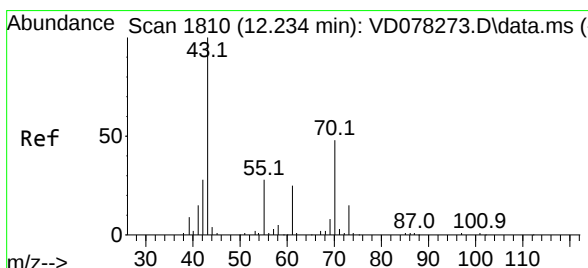
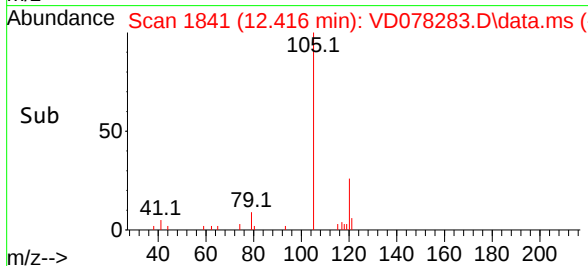
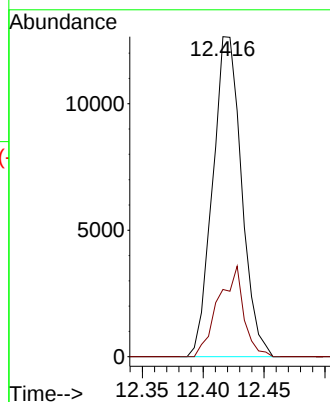
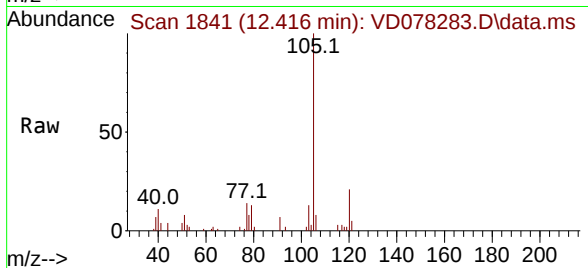
MDL-SOIL-03-QT1-2024

Tgt Ion:	105	Resp:	2091
Ion Ratio	Lower	Upper	
105	100		
120	24.8	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: 3.258 ug/l

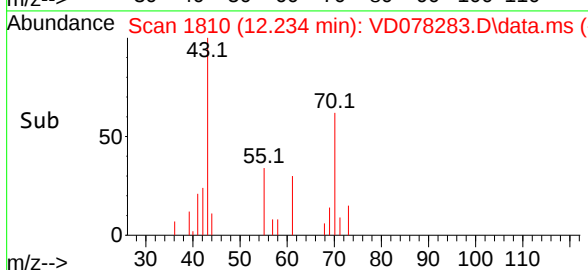
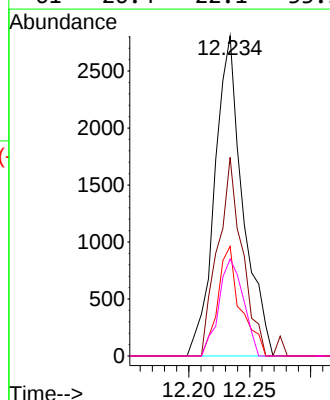
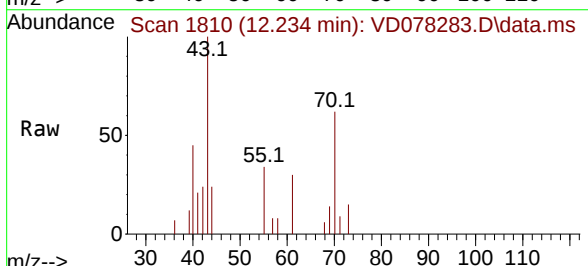
RT: 12.234 min Scan# 1810

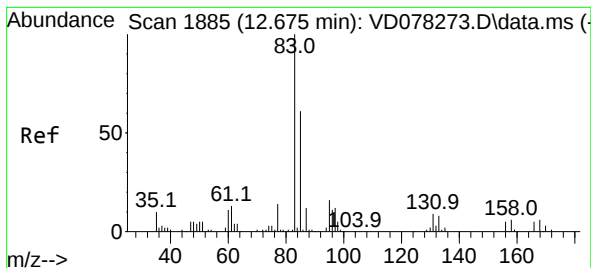
Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

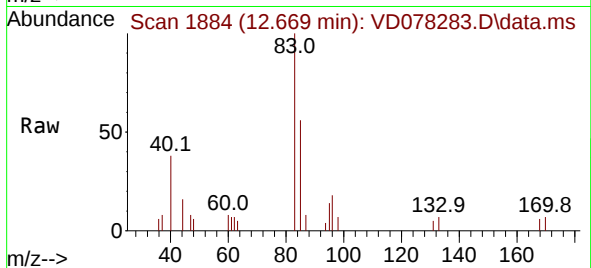
Tgt Ion:	43	Resp:	4514
Ion Ratio	Lower	Upper	
43	100		
70	53.8	45.0	67.4
55	27.7	23.8	35.6
61	26.4	22.1	33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 4.120 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

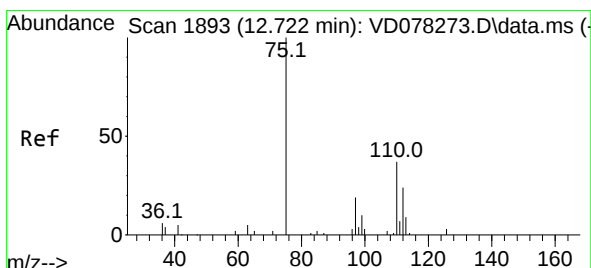
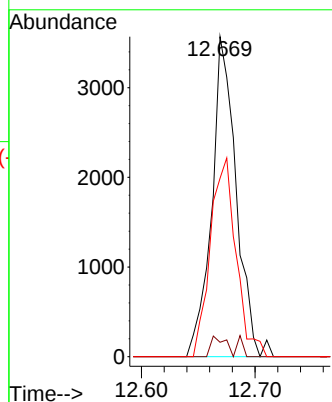
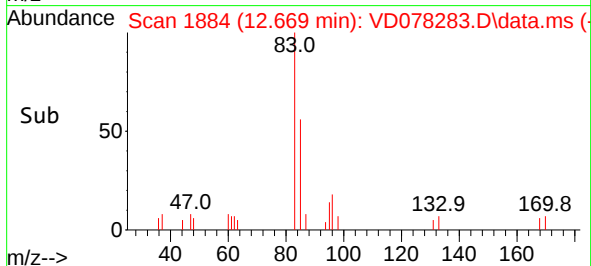
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 83 Resp: 5330
Ion Ratio Lower Upper
83 100
131 3.8 5.1 15.3
85 65.3 32.6 97.8

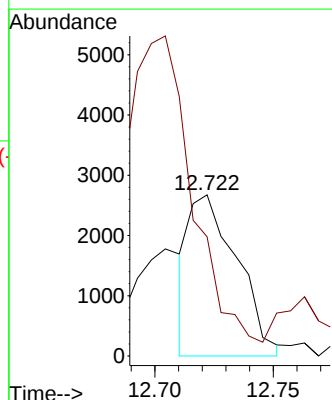
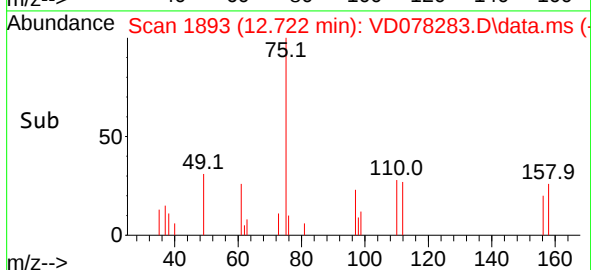
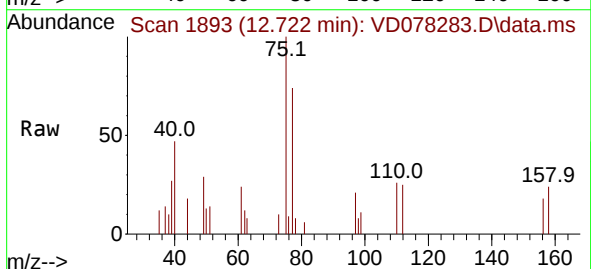
Manual Integrations
APPROVED

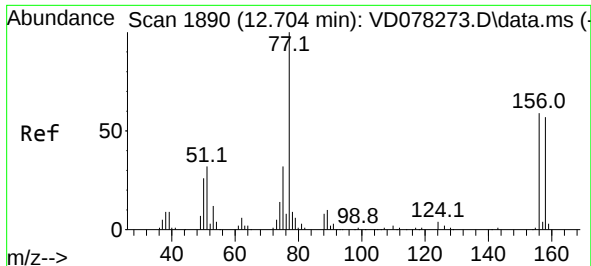
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#76
1,2,3-Trichloropropane
Concen: 4.563 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

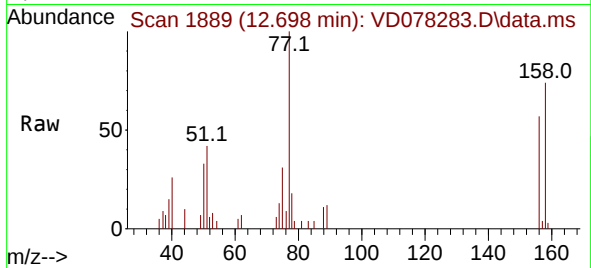
Tgt Ion: 75 Resp: 3776
Ion Ratio Lower Upper
75 100
77 285.0 0.0 0.0#





#77
Bromobenzene
Concen: 3.671 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

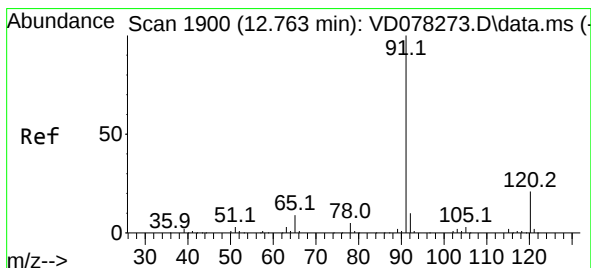
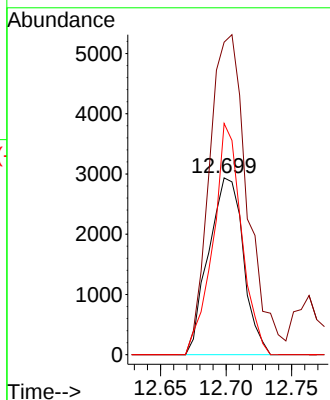
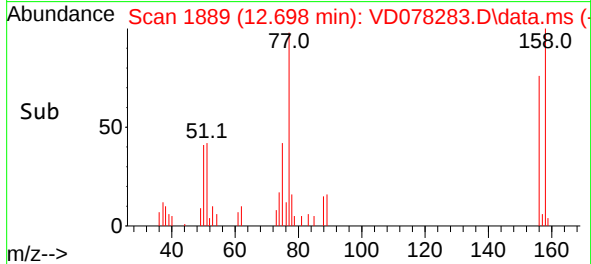
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



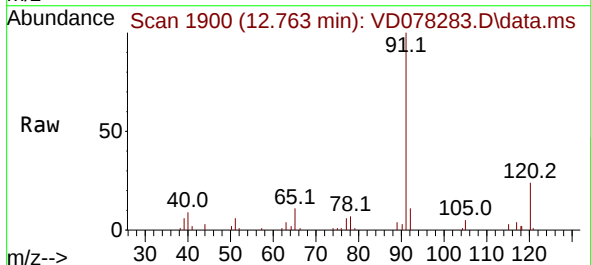
Tgt Ion:156 Resp: 541
Ion Ratio Lower Upper
156 100
77 198.9 76.8 230.4
158 107.3 48.6 145.9

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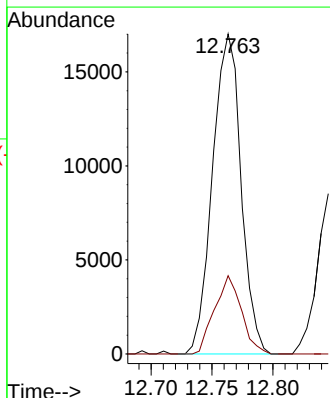
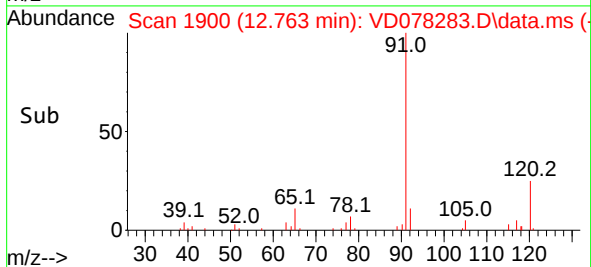
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

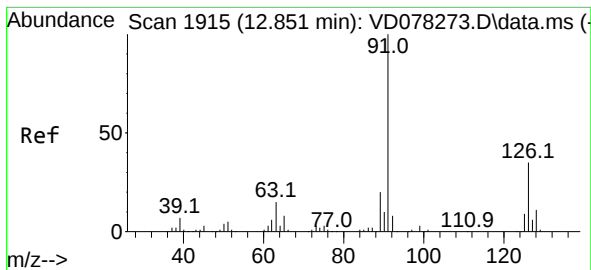


#78
n-propylbenzene
Concen: 3.318 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15



Tgt Ion: 91 Resp: 27685
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2





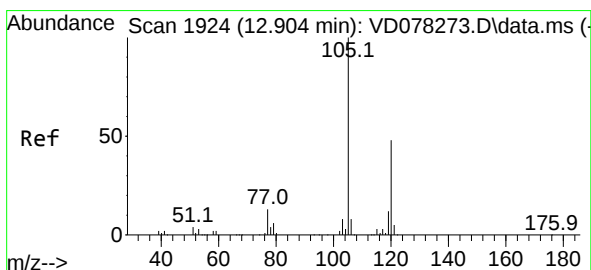
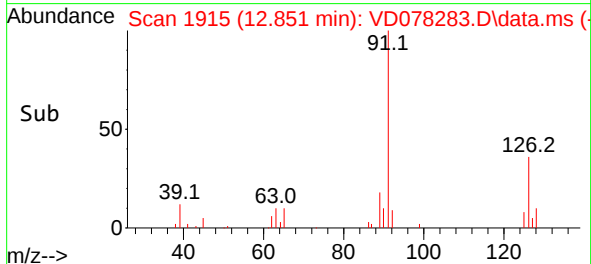
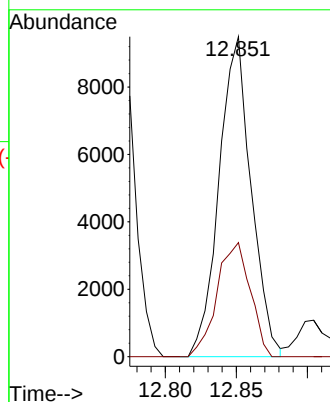
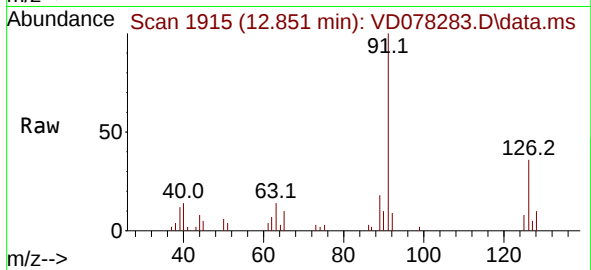
#79
2-Chlorotoluene
Concen: 3.342 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

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

Tgt Ion: 91 Resp: 14929
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.1

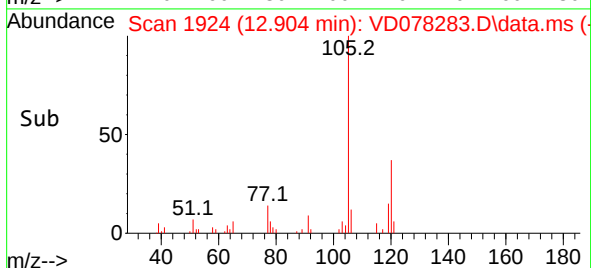
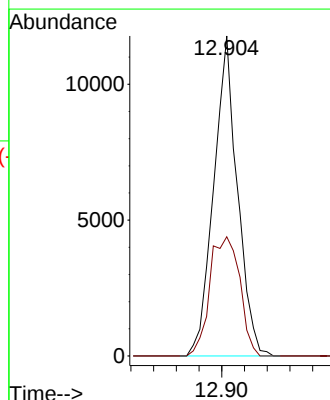
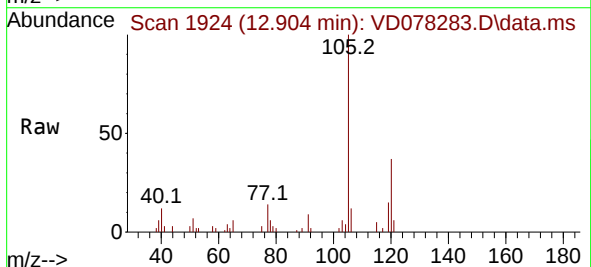
Manual Integrations
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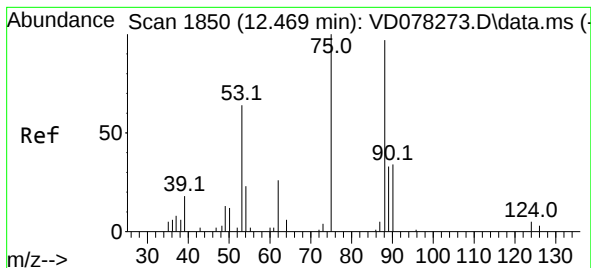
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#80
1,3,5-Trimethylbenzene
Concen: 3.133 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

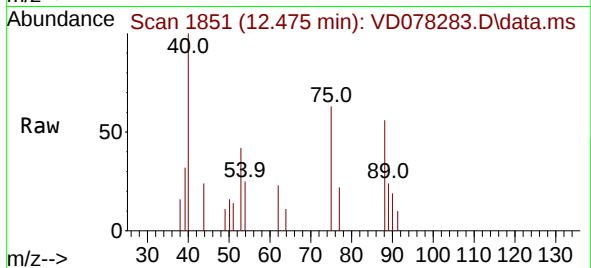
Tgt Ion:105 Resp: 17074
Ion Ratio Lower Upper
105 100
120 47.0 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.927 ug/l
RT: 12.475 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

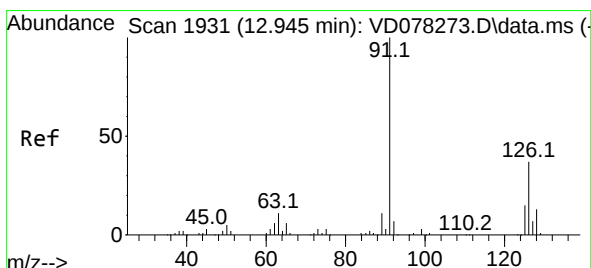
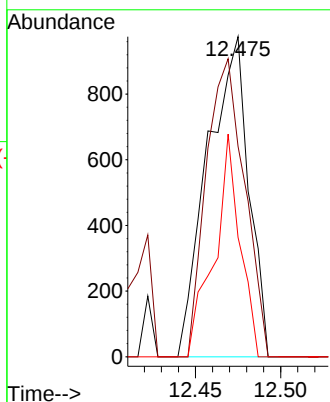
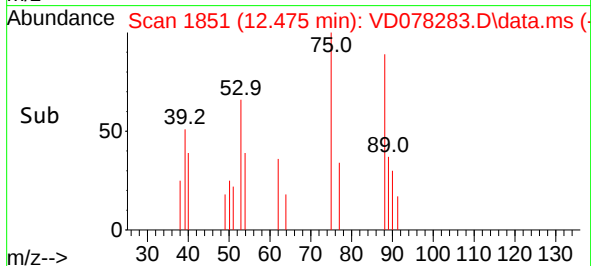
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



Tgt Ion: 75 Resp: 1634
Ion Ratio Lower Upper
75 100
53 86.5 63.0 94.4
89 43.6 37.9 56.9

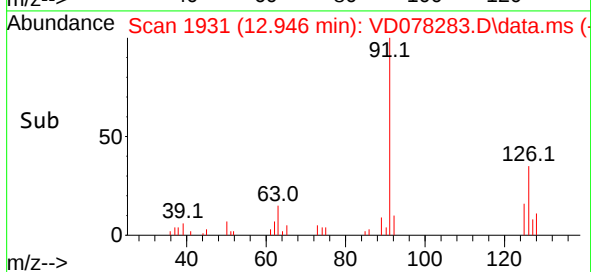
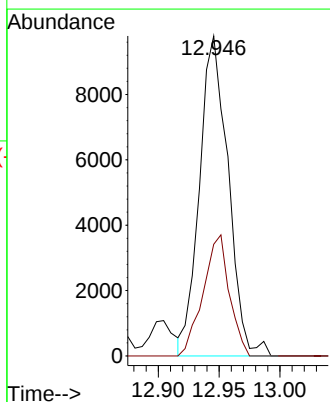
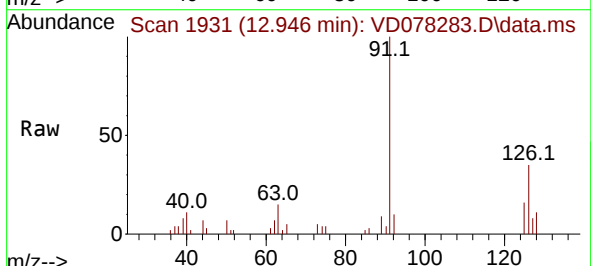
Manual Integrations
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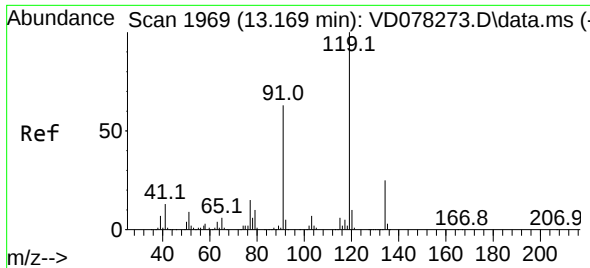
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#82
4-Chlorotoluene
Concen: 3.376 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

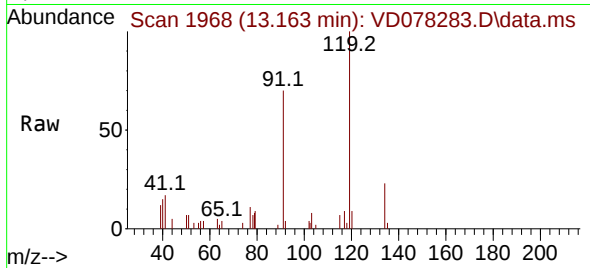
Tgt Ion: 91 Resp: 16074
Ion Ratio Lower Upper
91 100
126 34.6 19.4 58.4





#83
tert-Butylbenzene
Concen: 3.062 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

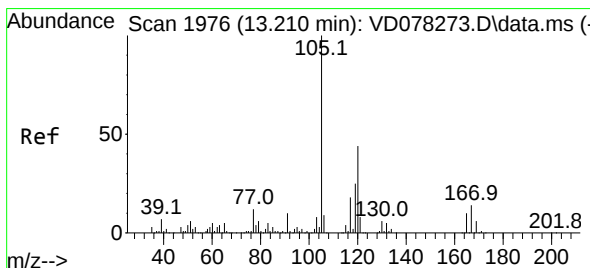
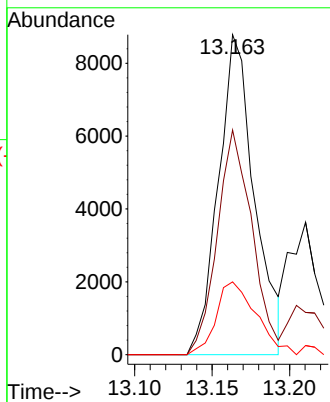
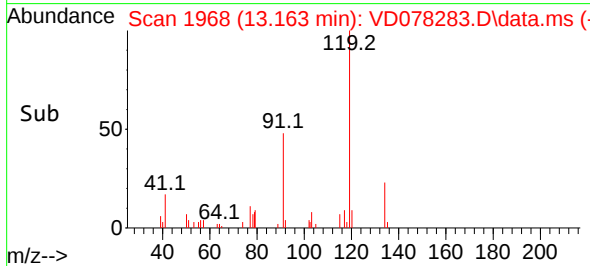
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



Tgt Ion:119 Resp: 14230
Ion Ratio Lower Upper
119 100
91 67.4 29.3 87.8
134 25.2 14.1 42.3

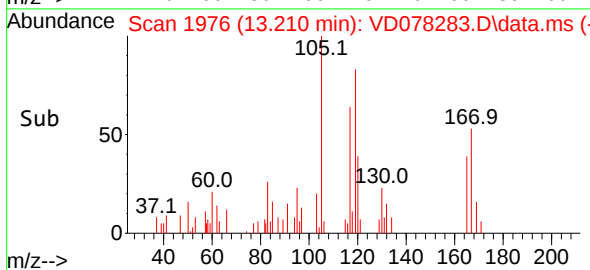
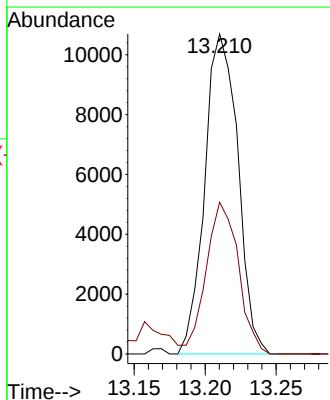
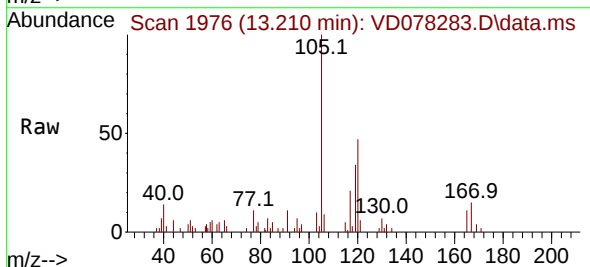
Manual Integrations
APPROVED

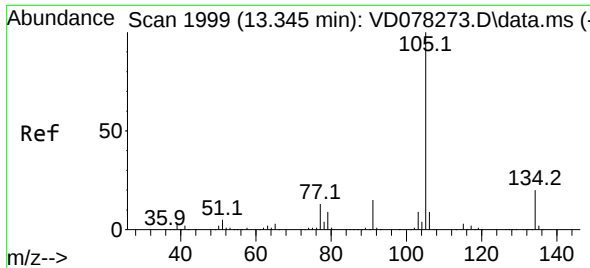
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024



#84
1,2,4-Trimethylbenzene
Concen: 3.147 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

Tgt Ion:105 Resp: 17349
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.9





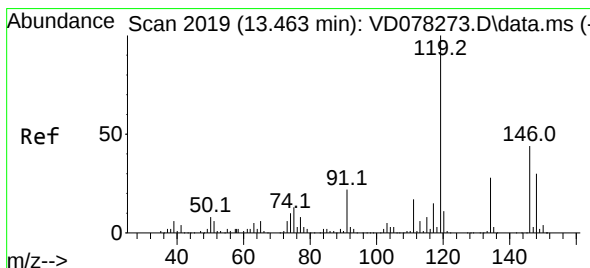
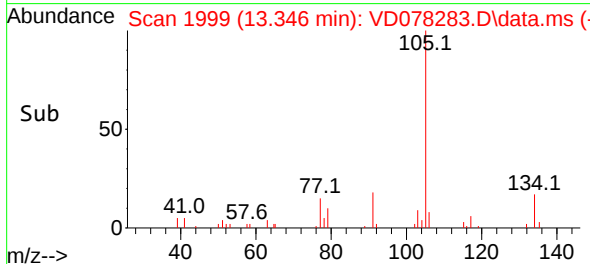
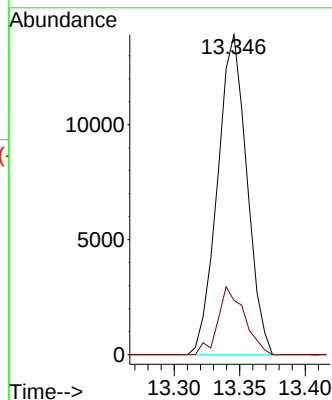
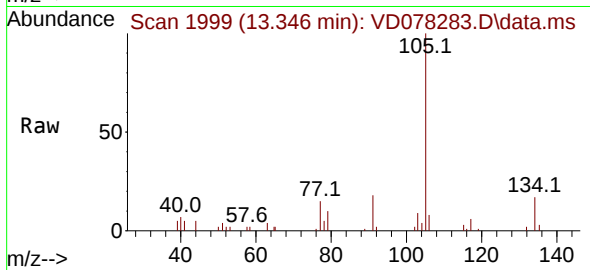
#85
 sec-Butylbenzene
 Concen: 2.967 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078283.D
 Acq: 30 Jan 2024 17:15

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

Tgt Ion:105 Resp: 2165
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.9 32.9

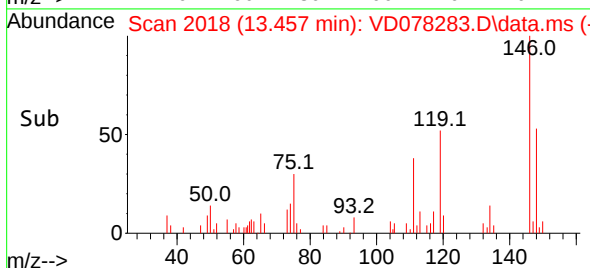
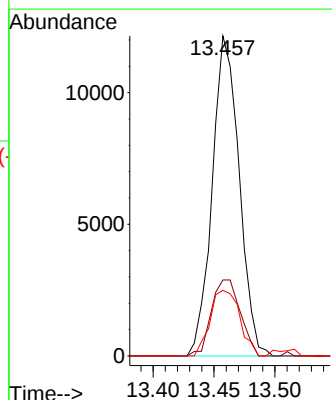
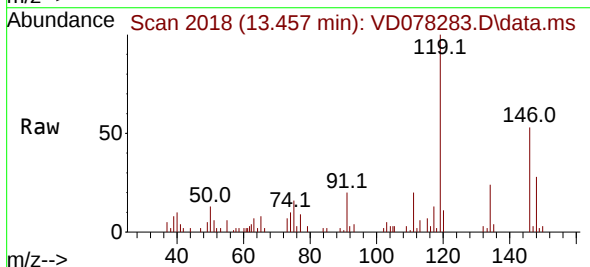
Manual Integrations
 APPROVED

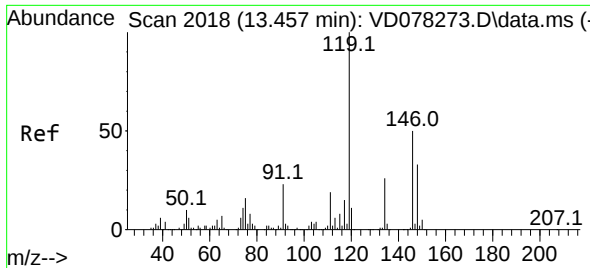
Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024



#86
 p-Isopropyltoluene
 Concen: 3.131 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078283.D
 Acq: 30 Jan 2024 17:15

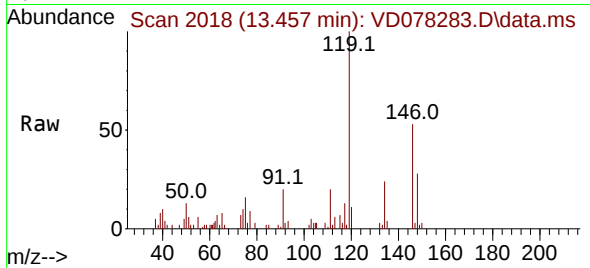
Tgt Ion:119 Resp: 18713
 Ion Ratio Lower Upper
 119 100
 134 25.5 14.2 42.6
 91 22.6 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 3.625 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

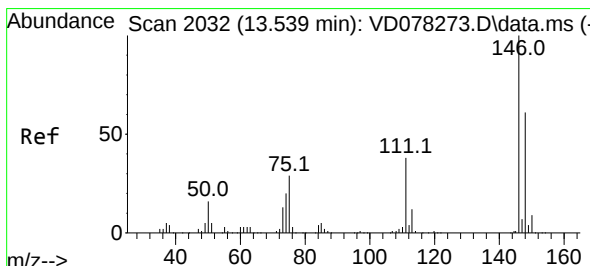
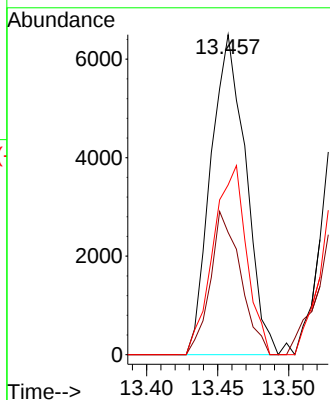
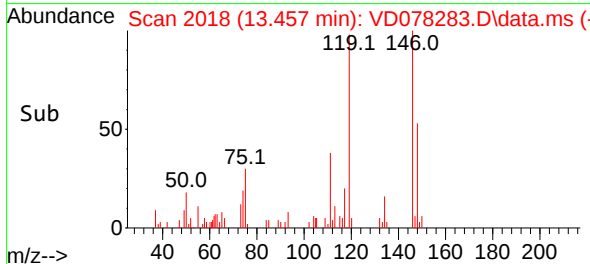
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



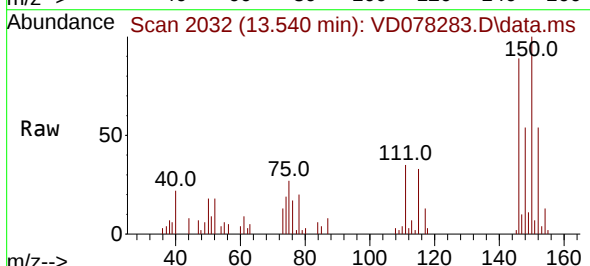
Tgt Ion:146 Resp: 11100
Ion Ratio Lower Upper
146 100
111 38.9 17.9 53.8
148 56.7 32.3 96.8

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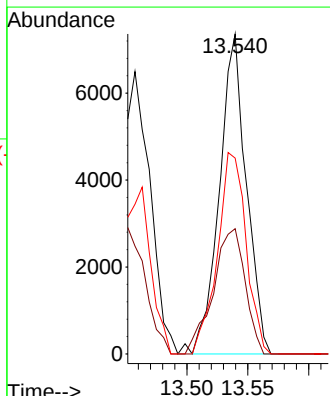
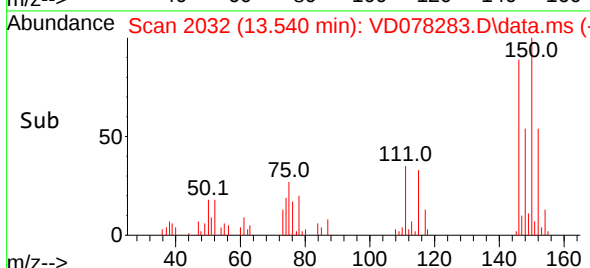
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

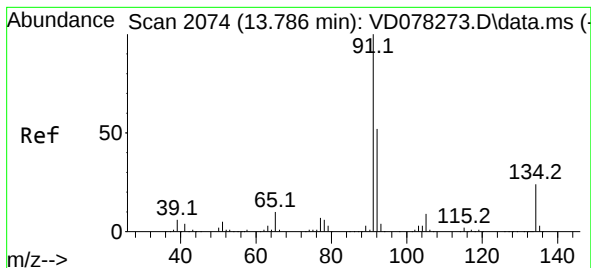


#88
1,4-Dichlorobenzene
Concen: 3.754 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15



Tgt Ion:146 Resp: 11373
Ion Ratio Lower Upper
146 100
111 46.2 17.4 52.3
148 66.7 31.7 95.1





#89

n-Butylbenzene

Concen: 3.356 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

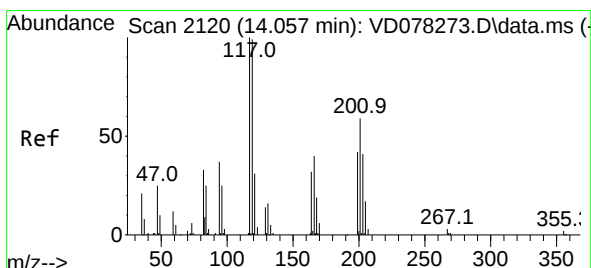
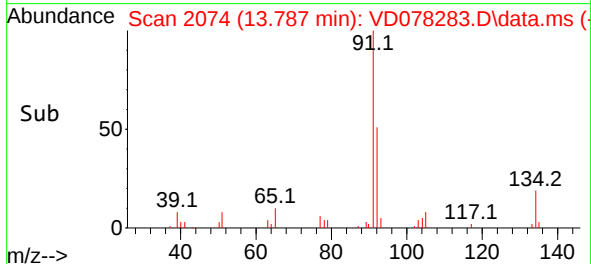
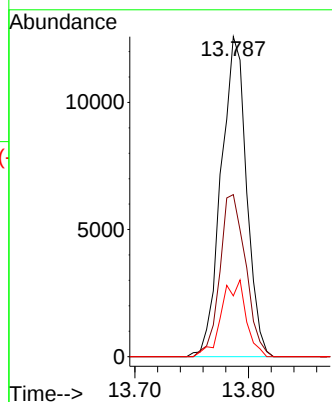
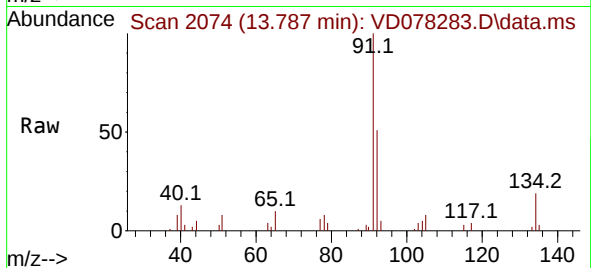
MDL-SOIL-03-QT1-2024

Tgt Ion: 91	Resp: 1954
Ion Ratio	Lower Upper
91	100
92	51.5 26.5 79.5
134	23.2 13.8 41.3

Manual Integrations

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



#90

Hexachloroethane

Concen: 3.737 ug/l

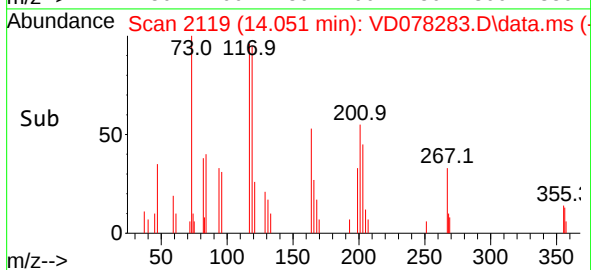
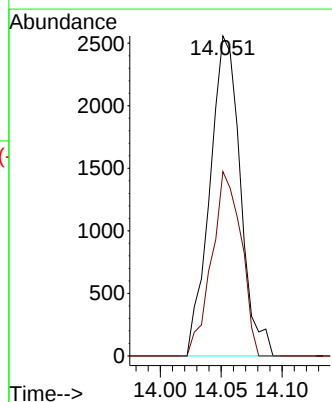
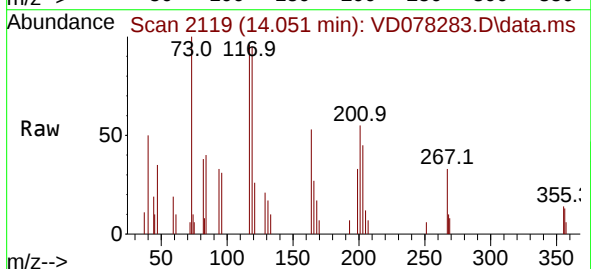
RT: 14.051 min Scan# 2119

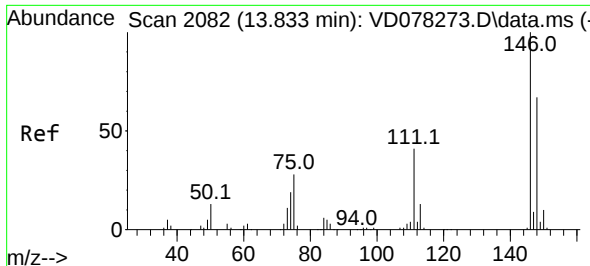
Delta R.T. -0.006 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

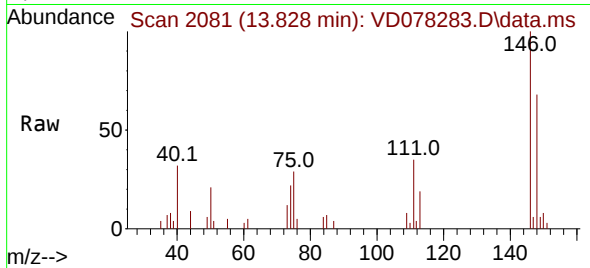
Tgt Ion:117	Resp: 4461
Ion Ratio	Lower Upper
117	100
201	55.5 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 3.448 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

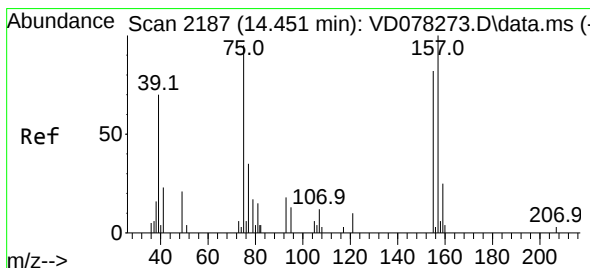
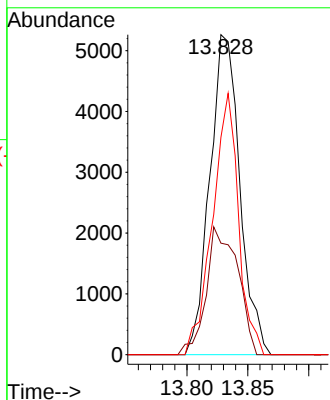
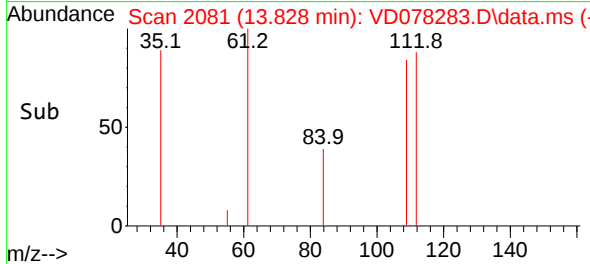
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2024



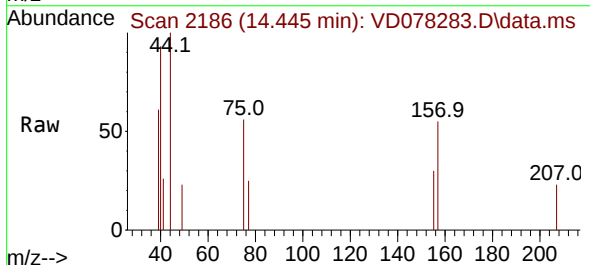
Tgt Ion:146 Resp: 9034
Ion Ratio Lower Upper
146 100
111 41.7 18.3 54.8
148 70.7 31.6 94.7

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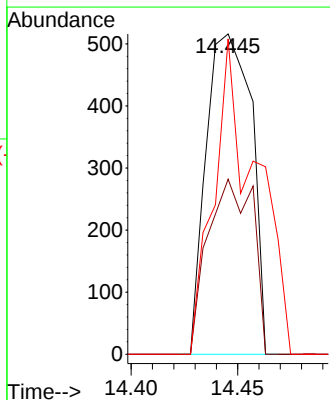
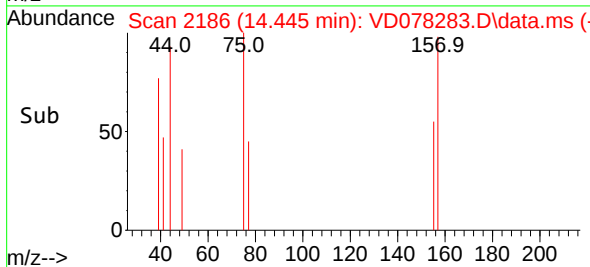
Reviewed By :Semsettin Yesilyurt 01/31/2024
Supervised By :Mahesh Dadoda 01/31/2024

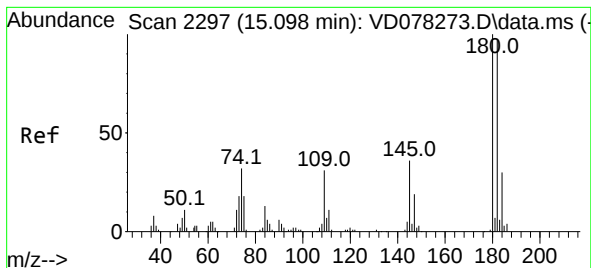


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.202 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15



Tgt Ion: 75 Resp: 762
Ion Ratio Lower Upper
75 100
155 54.5 47.9 143.8
157 92.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 3.710 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

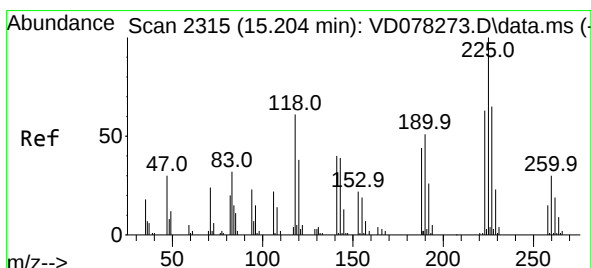
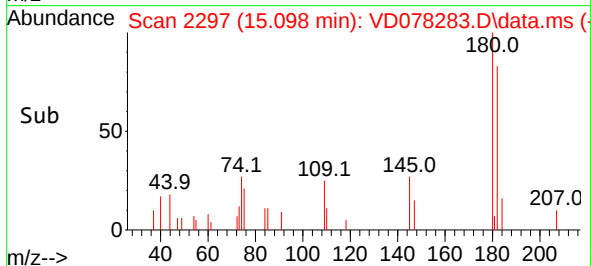
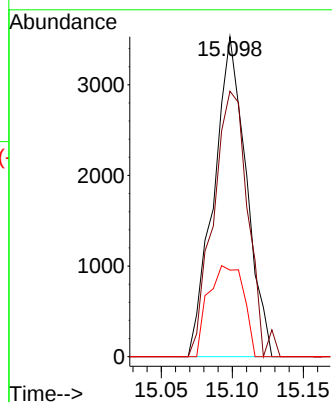
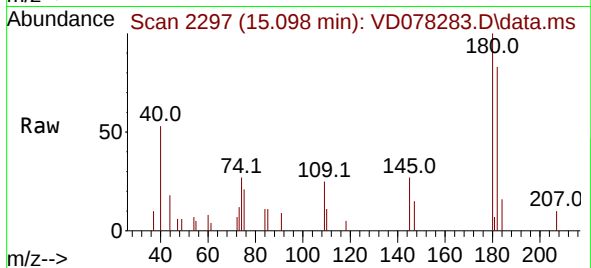
MDL-SOIL-03-QT1-2024

Tgt Ion:	180	Resp:	562
Ion Ratio	Lower	Upper	
180	100		
182	88.5	48.5	145.6
145	30.8	14.2	42.6

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 3.833 ug/l

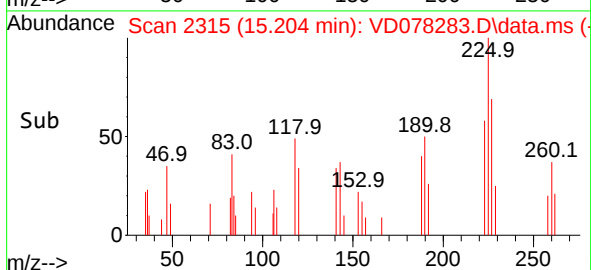
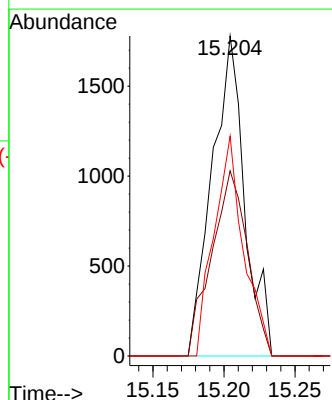
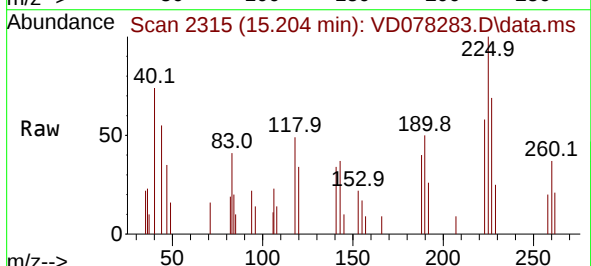
RT: 15.204 min Scan# 2315

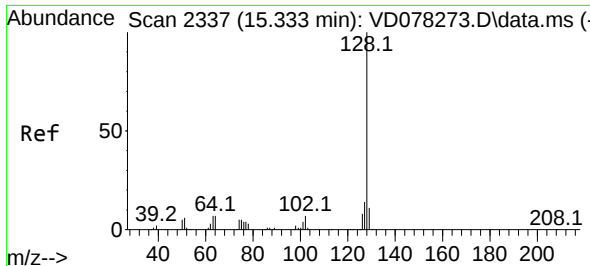
Delta R.T. 0.000 min

Lab File: VD078283.D

Acq: 30 Jan 2024 17:15

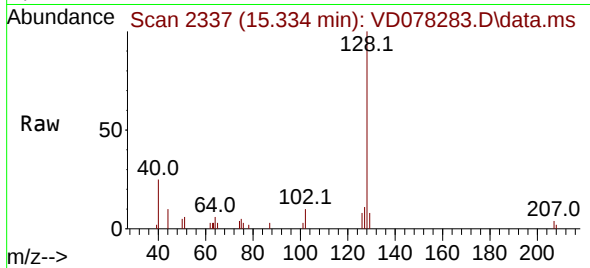
Tgt Ion:	225	Resp:	2846
Ion Ratio	Lower	Upper	
225	100		
223	63.5	31.6	94.8
227	62.3	31.7	95.1





#95
Naphthalene
Concen: 3.418 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15

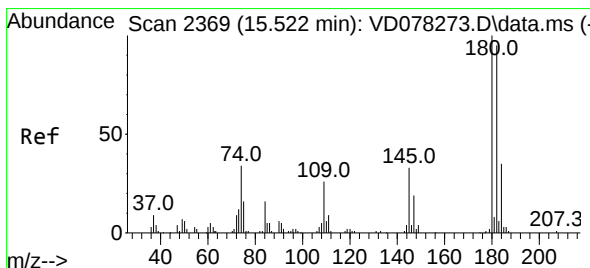
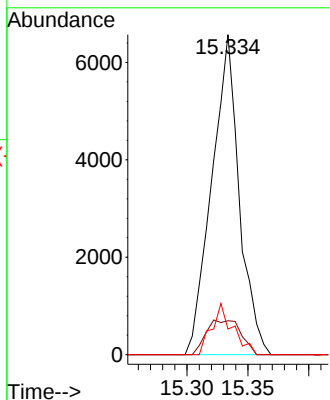
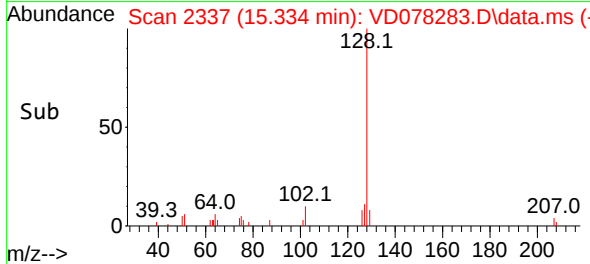
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2024



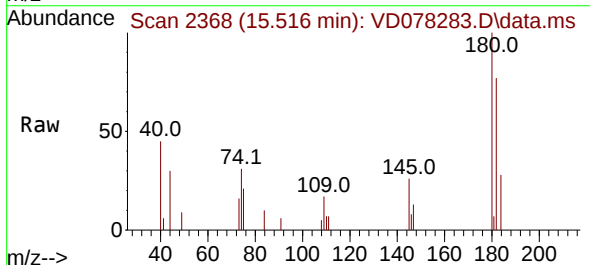
Tgt Ion:128 Resp: 10320
Ion Ratio Lower Upper
128 100
127 10.6 10.5 15.7
129 8.0 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 3.697 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD078283.D
Acq: 30 Jan 2024 17:15



Tgt Ion:180 Resp: 4933
Ion Ratio Lower Upper
180 100
182 101.1 47.3 141.9
145 31.6 15.1 45.3

