

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
 Data File : VY004740.D
 Acq On : 11 May 2021 12:30
 Operator : SY/MD
 Sample : M2262-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
 APPROVED

MMDadoda
 5/12/2021 10:42:59 AM

Quant Time: May 12 01:21:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 12 01:21:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	190898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	312663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	279935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129360	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	121829	53.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.24%	
35) Dibromofluoromethane	7.728	113	99490	58.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.24%	
50) Toluene-d8	10.185	98	401148	51.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.76%	
62) 4-Bromofluorobenzene	12.483	95	127333	48.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.912	85	4543	2.60	ug/l 91
3) Chloromethane	2.119	50	7268	2.57	ug/l 92
4) Vinyl Chloride	2.259	62	7990	2.76	ug/l 93
5) Bromomethane	2.662	94	4421	2.99	ug/l 88
6) Chloroethane	2.802	64	4051	2.37	ug/l 89
7) Trichlorofluoromethane	3.137	101	9047	2.63	ug/l 99
8) Diethyl Ether	3.540	74	3546	2.92	ug/l 90
9) 1,1,2-Trichlorotrifluo...	3.924	101	5212	2.67	ug/l 99
10) Methyl Iodide	4.101	142	5964	2.86	ug/l 97
11) Tert butyl alcohol	4.966	59	4097	17.94	ug/l # 86
12) 1,1-Dichloroethene	3.887	96	4867	2.58	ug/l # 94
13) Acrolein	3.741	56	3223	12.01	ug/l 99
14) Allyl chloride	4.497	41	9275	2.52	ug/l 96
15) Acrylonitrile	5.180	53	7787	12.78	ug/l 98
16) Acetone	3.960	43	7655	15.00	ug/l 98
17) Carbon Disulfide	4.204	76	15753	2.73	ug/l 100
18) Methyl Acetate	4.497	43	4579	2.81	ug/l 99
19) Methyl tert-butyl Ether	5.235	73	13145	2.53	ug/l 92
20) Methylene Chloride	4.729	84	13001	3.97	ug/l 96
21) trans-1,2-Dichloroethene	5.228	96	5527	2.58	ug/l 87
22) Diisopropyl ether	6.131	45	16148	2.28	ug/l 91
23) Vinyl Acetate	6.076	43	58261	10.94	ug/l 97
24) 1,1-Dichloroethane	6.027	63	9581	2.40	ug/l 96
25) 2-Butanone	7.009	43	10888	12.01	ug/l 98
26) 2,2-Dichloropropane	6.996	77	8441	2.42	ug/l 99
27) cis-1,2-Dichloroethene	7.003	96	5876	2.47	ug/l 97
28) Bromochloromethane	7.350	49	4569	2.34	ug/l # 98
29) Tetrahydrofuran	7.362	42	6727	11.63	ug/l 97
30) Chloroform	7.515	83	10093	2.57	ug/l 96
31) Cyclohexane	7.795	56	13051	3.55	ug/l # 65
32) 1,1,1-Trichloroethane	7.710	97	8245	2.34	ug/l 97
36) 1,1-Dichloropropene	7.929	75	8447	2.64	ug/l 98
37) Ethyl Acetate	7.088	43	5780	2.63	ug/l 97
38) Carbon Tetrachloride	7.905	117	5905	2.05	ug/l 98
39) Methylcyclohexane	9.185	83	8463	2.42	ug/l 98
40) Benzene	8.173	78	22615	2.50	ug/l 97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
 Data File : VY004740.D
 Acq On : 11 May 2021 12:30
 Operator : SY/MD
 Sample : M2262-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
 APPROVED

MMDadoda
 5/12/2021 10:42:59 AM

Quant Time: May 12 01:21:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 12 01:21:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	2905	2.42	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	7634	2.67	ug/l	95
43) Isopropyl Acetate	8.283	43	9589	2.35	ug/l	95
44) Trichloroethene	8.947	130	6108	2.51	ug/l	93
45) 1,2-Dichloropropane	9.222	63	5783	2.44	ug/l	95
46) Dibromomethane	9.313	93	3003	2.28	ug/l	95
47) Bromodichloromethane	9.502	83	7705	2.46	ug/l	99
48) Methyl methacrylate	9.301	41	4432	2.39	ug/l	95
49) 1,4-Dioxane	9.307	88	676	43.56	ug/l #	87
51) 4-Methyl-2-Pentanone	10.081	43	24516	11.18	ug/l	94
52) Toluene	10.252	92	14343	2.51	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	8756	2.53	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	9155	2.38	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	4408	2.43	ug/l	95
56) Ethyl methacrylate	10.514	69	5368	2.05	ug/l	97
57) 1,3-Dichloropropane	10.795	76	7559	2.34	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.789	63	14282	10.55	ug/l	99
59) 2-Hexanone	10.837	43	15553	10.47	ug/l	98
60) Dibromochloromethane	10.996	129	4712	2.18	ug/l	95
61) 1,2-Dibromoethane	11.093	107	4096	2.34	ug/l	98
64) Tetrachloroethene	10.721	164	6600	2.61	ug/l	94
65) Chlorobenzene	11.520	112	15115	2.62	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	5029	2.40	ug/l	90
67) Ethyl Benzene	11.599	91	26041	2.43	ug/l	96
68) m/p-Xylenes	11.709	106	19977	4.97	ug/l	94
69) o-Xylene	12.032	106	9369	2.49	ug/l	90
70) Styrene	12.050	104	14253	2.26	ug/l	99
71) Bromoform	12.215	173	2645	2.08	ug/l #	90
73) Isopropylbenzene	12.337	105	24564	2.52	ug/l	98
74) N-amyl acetate	12.148	43	7199	2.09	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	5170	2.65	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	3332m	2.43	ug/l	
77) Bromobenzene	12.611	156	6110	2.77	ug/l	95
78) n-propylbenzene	12.678	91	31012	2.60	ug/l	99
79) 2-Chlorotoluene	12.758	91	17808	2.73	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	20046	2.47	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	2110m	2.66	ug/l	
82) 4-Chlorotoluene	12.855	91	18067	2.66	ug/l	99
83) tert-Butylbenzene	13.081	119	17825	2.58	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	19340	2.38	ug/l	97
85) sec-Butylbenzene	13.258	105	26487	2.63	ug/l	100
86) p-Isopropyltoluene	13.373	119	21619	2.48	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	11637	2.69	ug/l	97
88) 1,4-Dichlorobenzene	13.453	146	12569	2.95	ug/l	88
89) n-Butylbenzene	13.703	91	21379	2.51	ug/l	99
90) Hexachloroethane	13.965	117	3260	2.65	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	10217	2.68	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1203	3.31	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	6785	2.76	ug/l	96
94) Hexachlorobutadiene	15.117	225	3692	2.78	ug/l	98
95) Naphthalene	15.245	128	14535	2.73	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	6809	3.13	ug/l	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
 Data File : VY004740.D
 Acq On : 11 May 2021 12:30
 Operator : SY/MD
 Sample : M2262-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

MMDadoda
 5/12/2021 10:42:59 AM

Quant Time: May 12 01:21:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 12 01:21:01 2021
 Response via : Initial Calibration

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

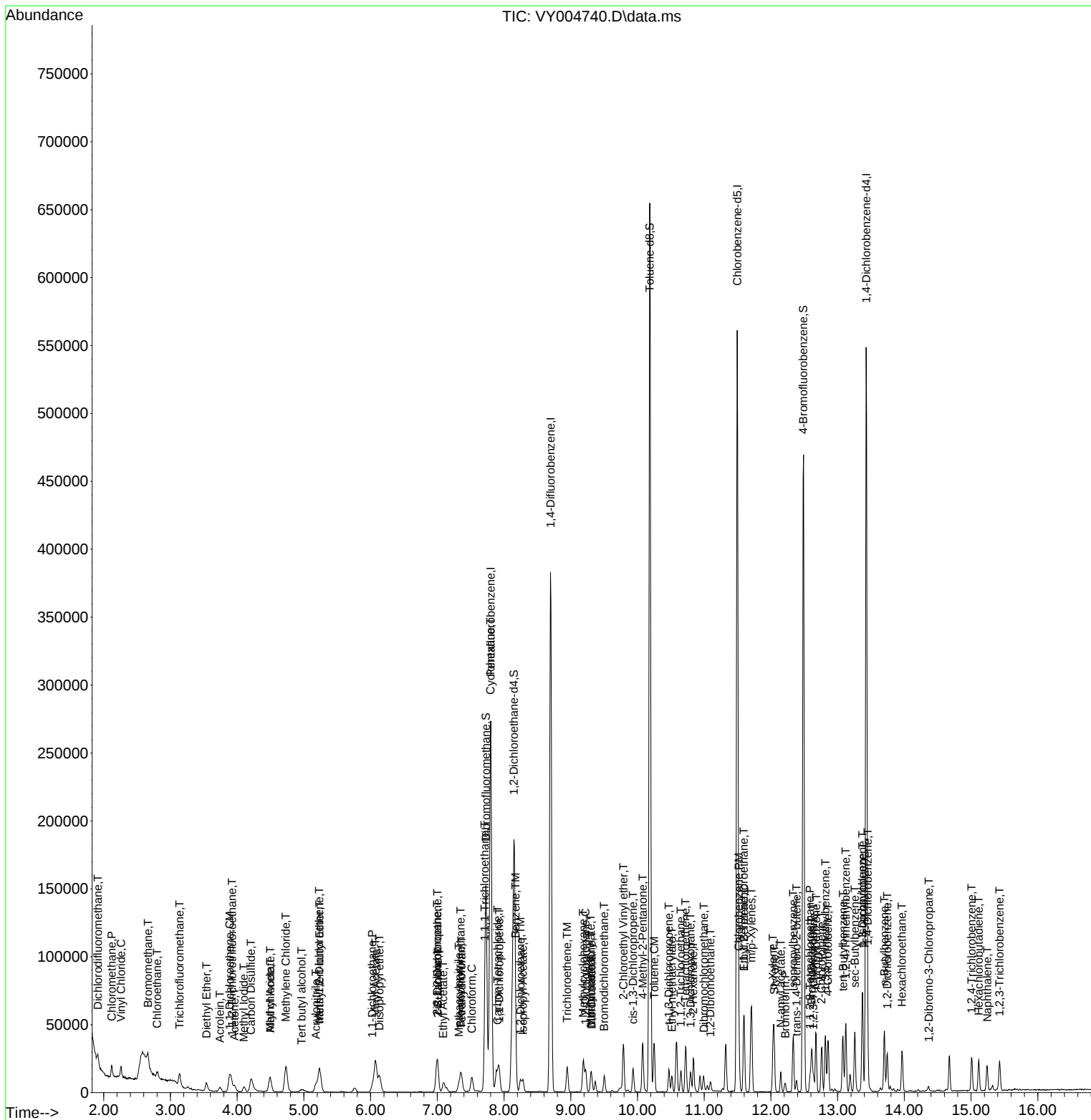
(#) = qualifier out of range (m) = manual integration (+) = signals summed

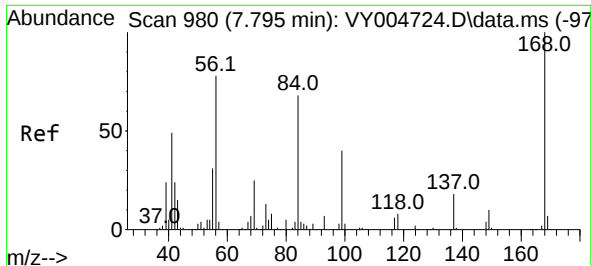
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations APPROVED

MMDadoda
5/12/2021 10:42:59 AM

Quant Time: May 12 01:21:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Wed May 12 01:21:01 2021
Response via : Initial Calibration





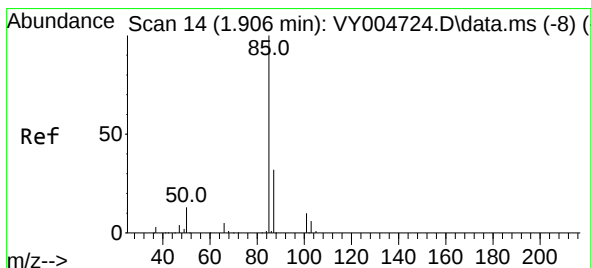
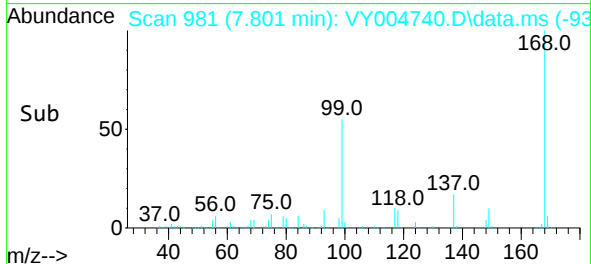
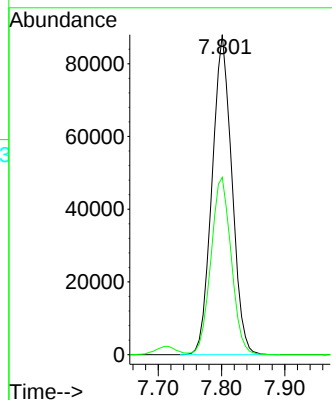
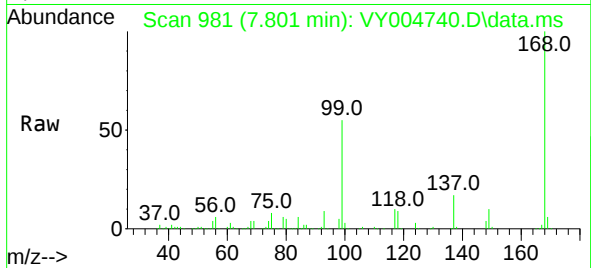
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion: 168 Resp: 190898
Ion Ratio Lower Upper
168 100
99 55.4 45.6 68.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

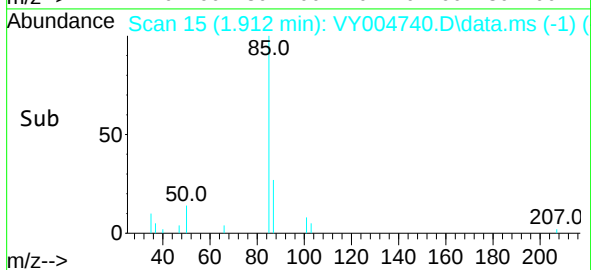
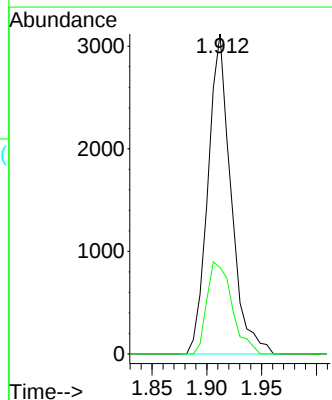
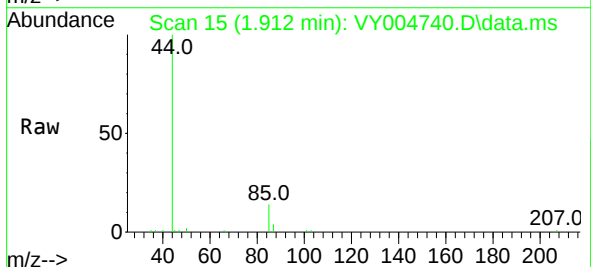
Manual Integrations
APPROVED

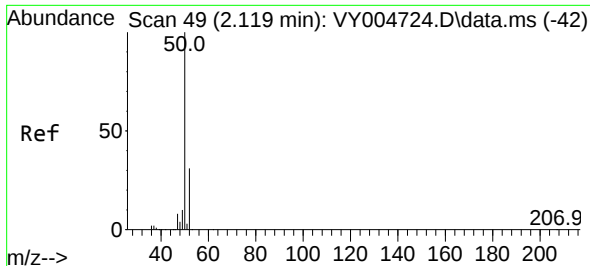
MMDadoda
5/12/2021 10:42:59 AM



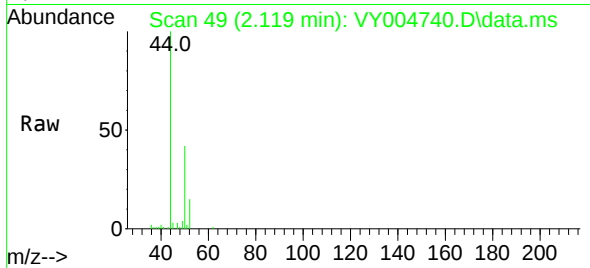
#2
Dichlorodifluoromethane
Concen: 2.60 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion: 85 Resp: 4543
Ion Ratio Lower Upper
85 100
87 27.0 16.2 48.5

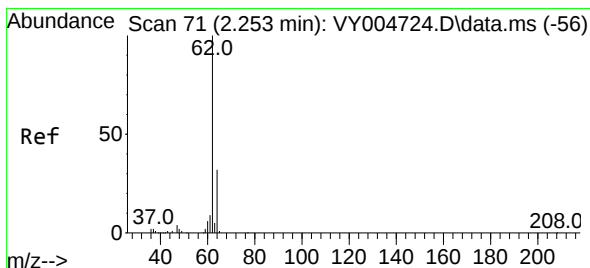
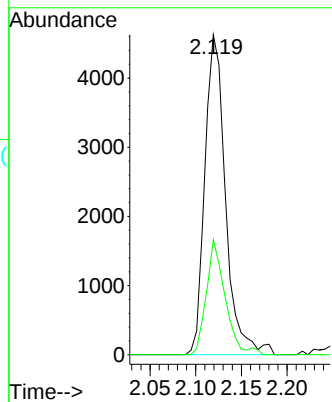
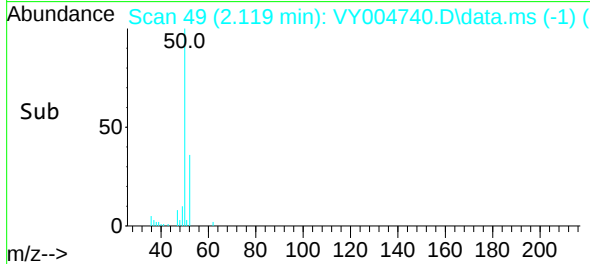




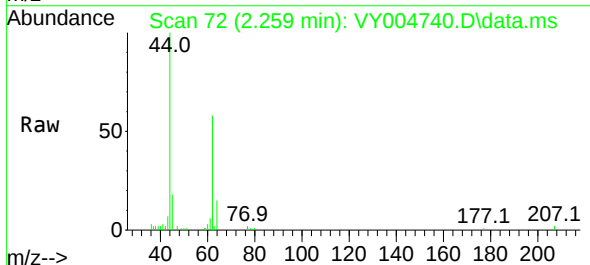
#3
Chloromethane
Concen: 2.57 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



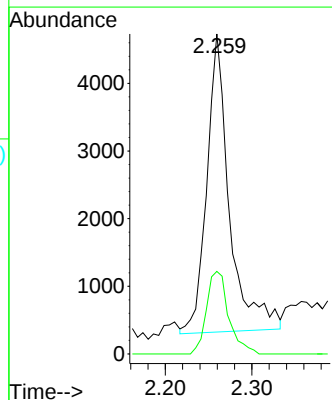
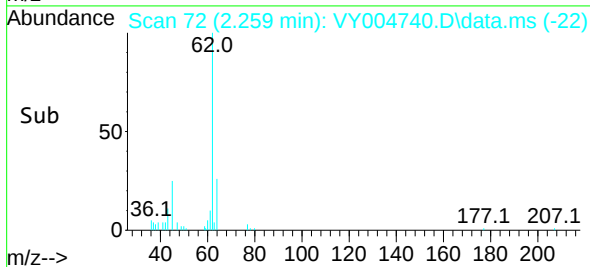
Tgt Ion: 50 Resp: 7268
Ion Ratio Lower Upper
50 100
52 35.9 25.0 37.6



#4
Vinyl Chloride
Concen: 2.76 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



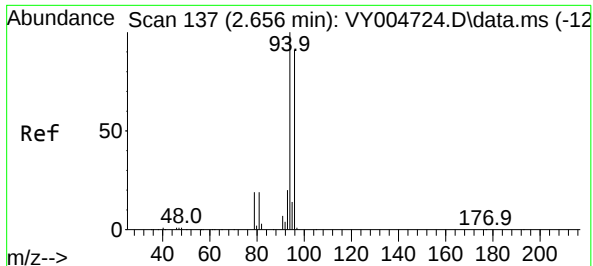
Tgt Ion: 62 Resp: 7990
Ion Ratio Lower Upper
62 100
64 28.0 25.4 38.2



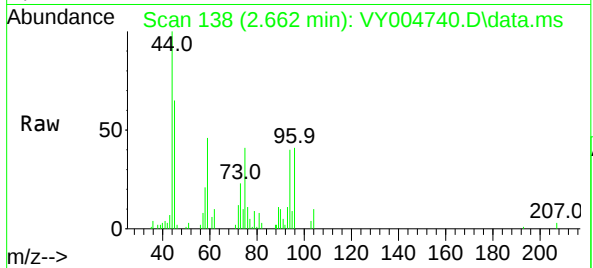
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

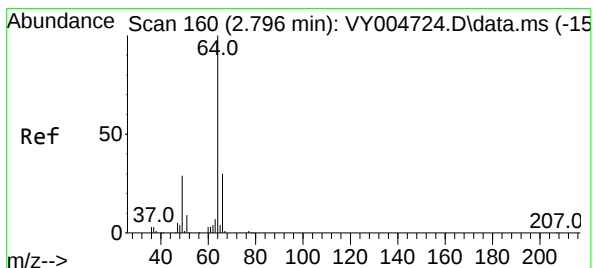
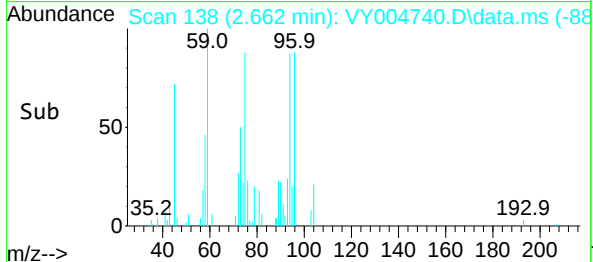
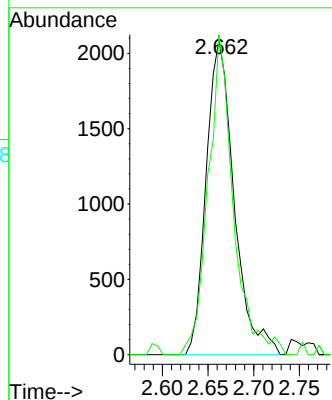
MMDadoda
5/12/2021 10:42:59 AM



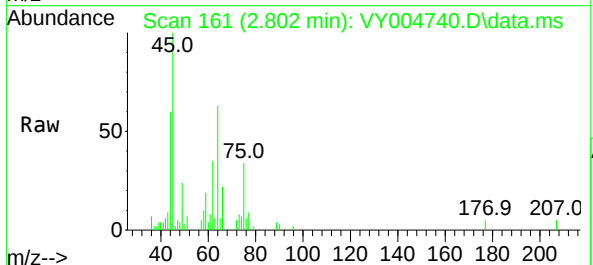
#5
Bromomethane
Concen: 2.99 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



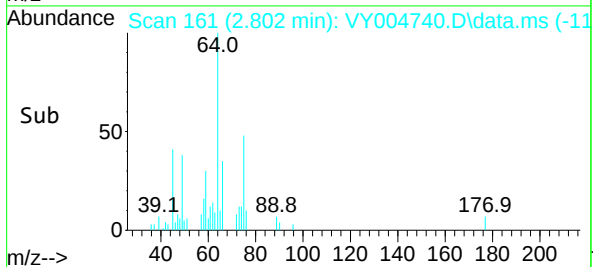
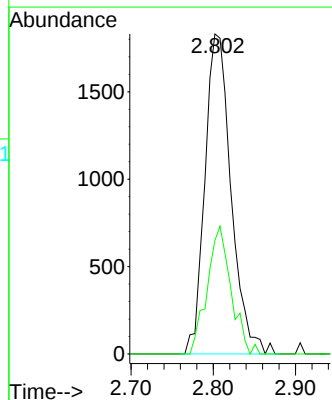
Tgt Ion: 94 Resp: 4421
Ion Ratio Lower Upper
94 100
96 101.7 72.6 109.0



#6
Chloroethane
Concen: 2.37 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



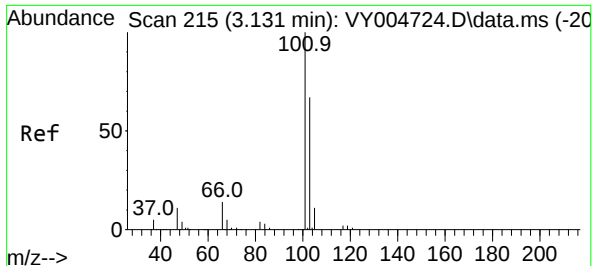
Tgt Ion: 64 Resp: 4051
Ion Ratio Lower Upper
64 100
66 35.5 23.7 35.5



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/12/2021 10:42:59 AM



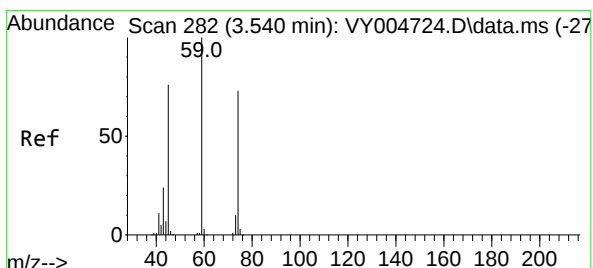
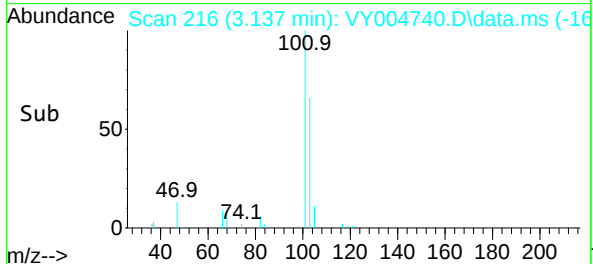
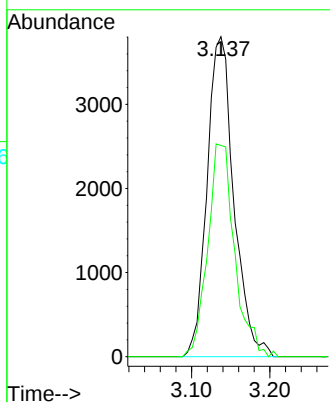
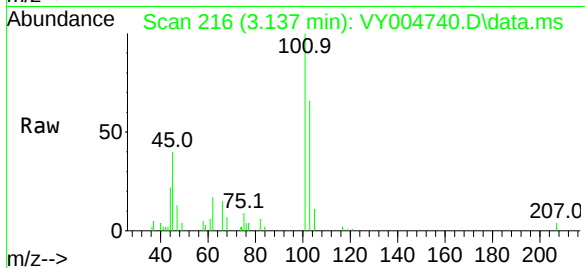
#7
Trichlorofluoromethane
Concen: 2.63 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion:101 Resp: 9047
Ion Ratio Lower Upper
101 100
103 66.0 53.4 80.2

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

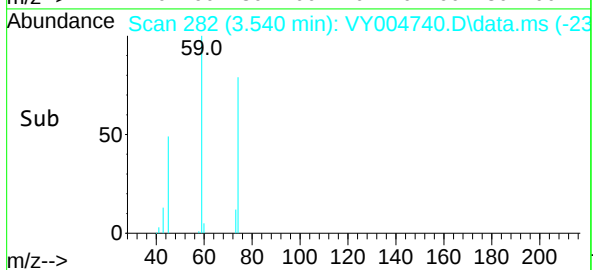
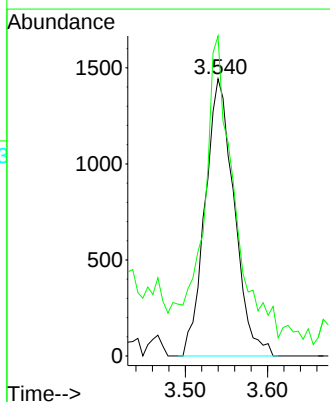
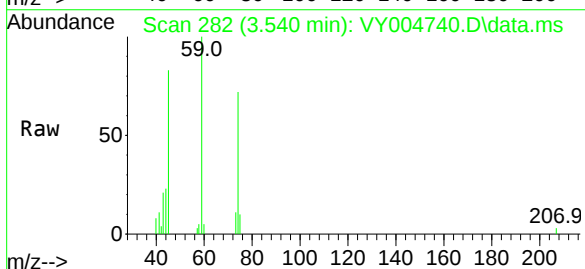
Manual Integrations
APPROVED

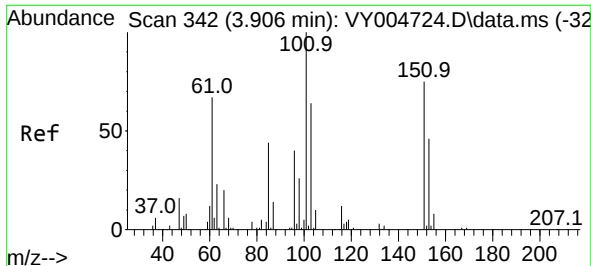
MMDadoda
5/12/2021 10:42:59 AM



#8
Diethyl Ether
Concen: 2.92 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion: 74 Resp: 3546
Ion Ratio Lower Upper
74 100
45 97.2 53.9 161.8





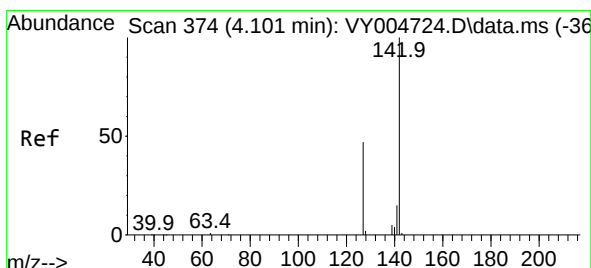
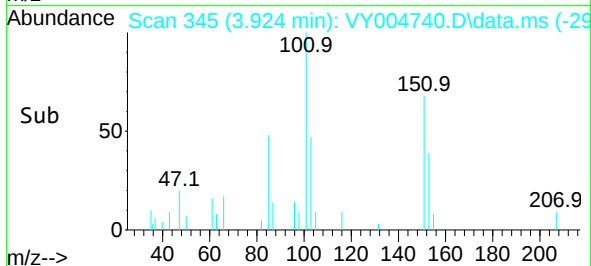
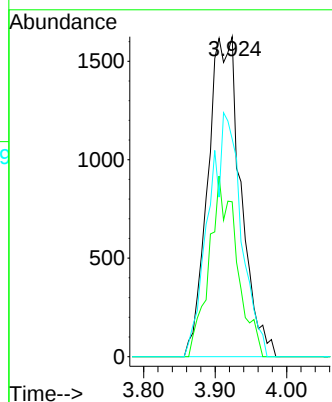
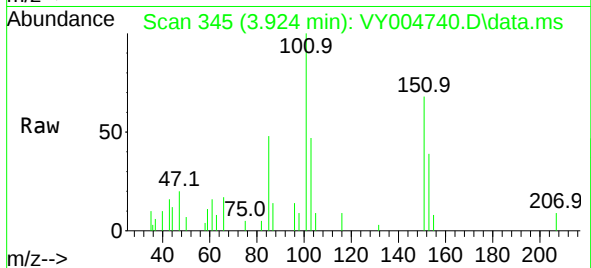
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.67 ug/l
RT: 3.924 min Scan# 345
Delta R.T. 0.018 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.4	38.2	57.4
151	75.1	61.4	92.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

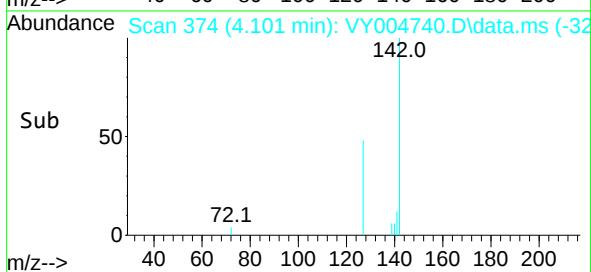
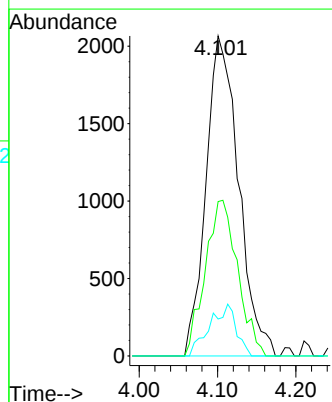
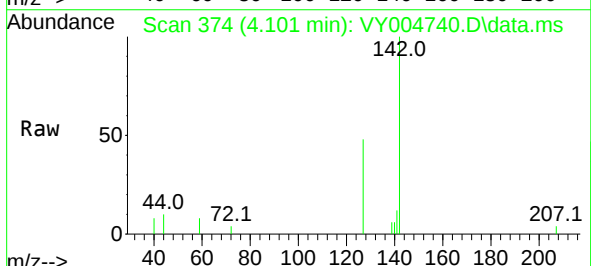
Manual Integrations
APPROVED

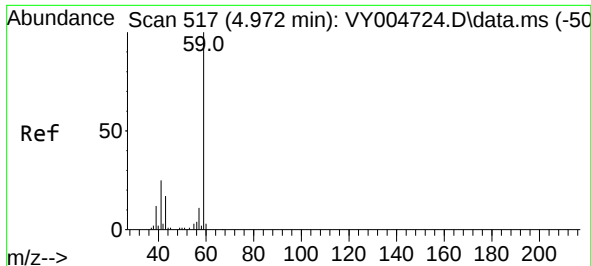
MMDadoda
5/12/2021 10:42:59 AM



#10
Methyl Iodide
Concen: 2.86 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.3	37.1	55.7
141	13.2	11.9	17.9





#11

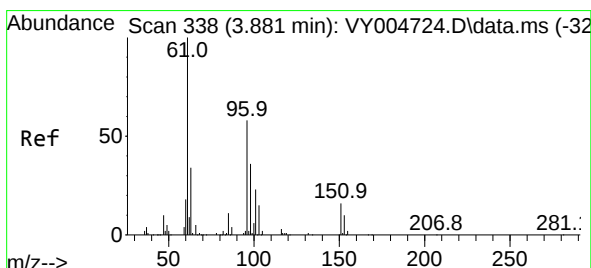
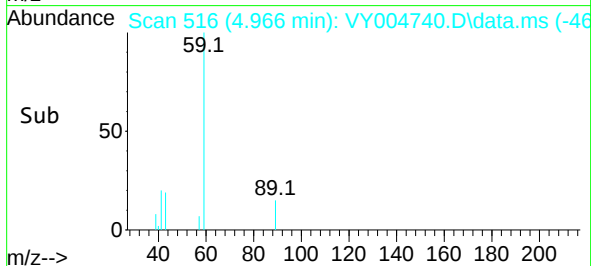
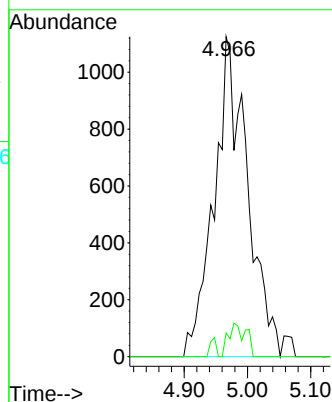
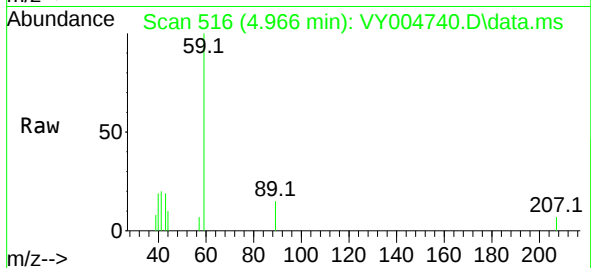
Tert butyl alcohol
Concen: 17.94 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion: 59 Resp: 4097
Ion Ratio Lower Upper
59 100
57 5.5 8.7 13.1#

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

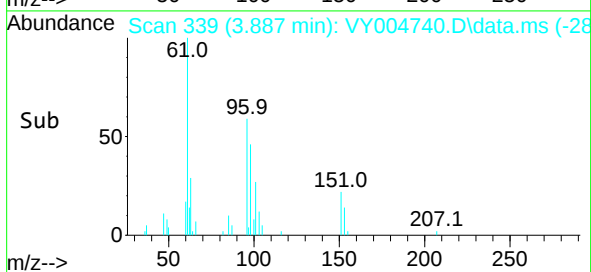
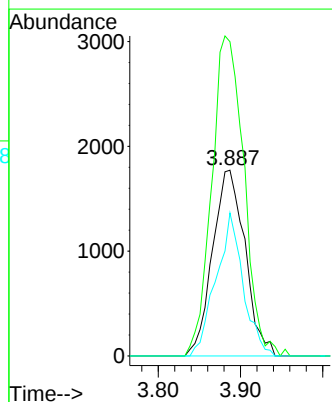
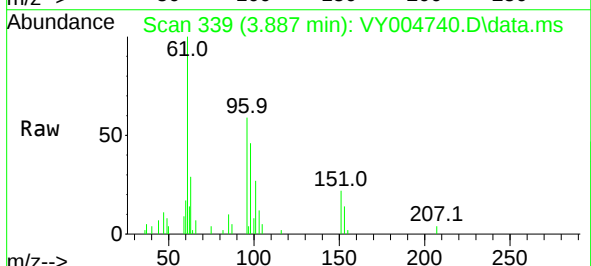
MMDadoda
5/12/2021 10:42:59 AM

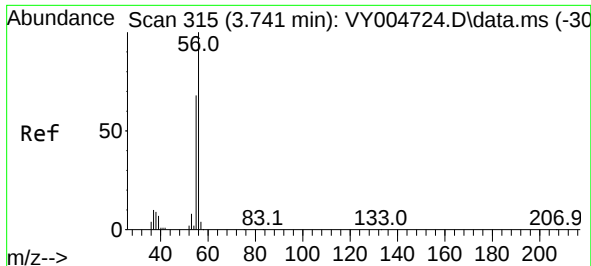


#12

1,1-Dichloroethene
Concen: 2.58 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

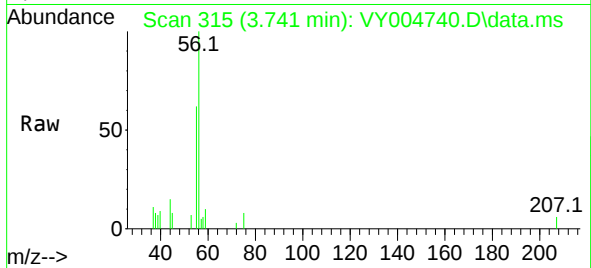
Tgt Ion: 96 Resp: 4867
Ion Ratio Lower Upper
96 100
61 169.1 137.5 206.3
98 77.0 50.2 75.2#





#13
Acrolein
Concen: 12.01 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

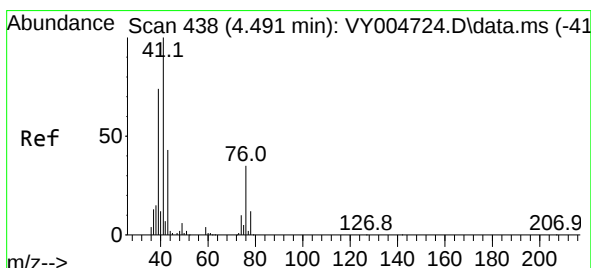
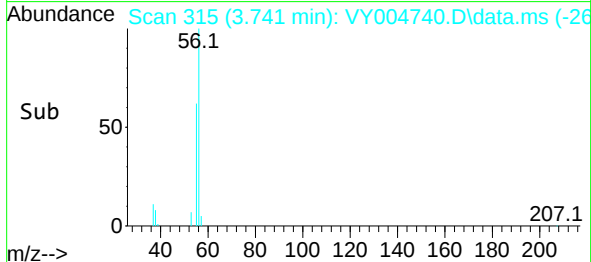
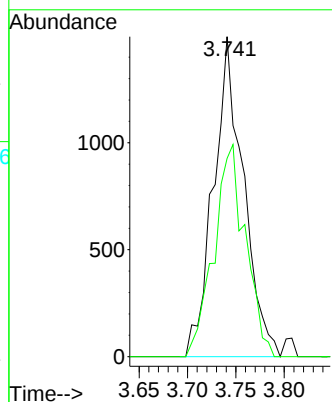
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 56 Resp: 3223
Ion Ratio Lower Upper
56 100
55 69.7 55.3 82.9

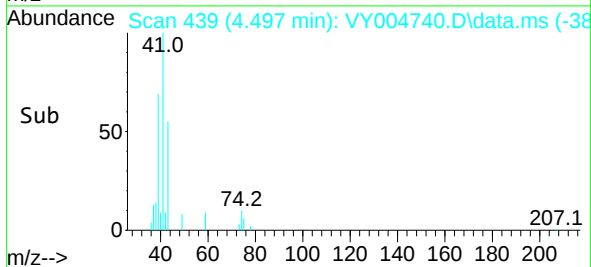
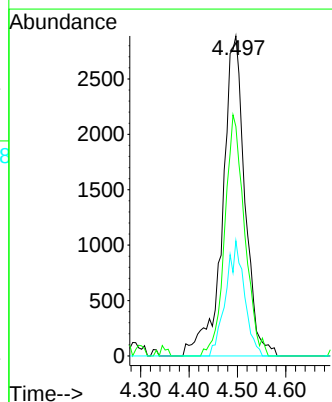
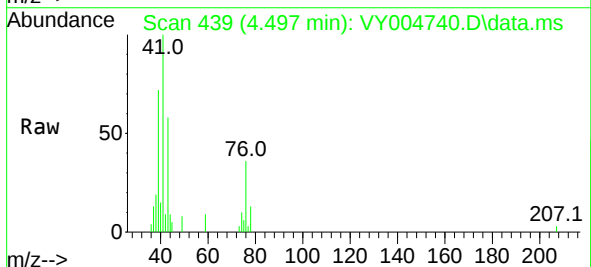
Manual Integrations
APPROVED

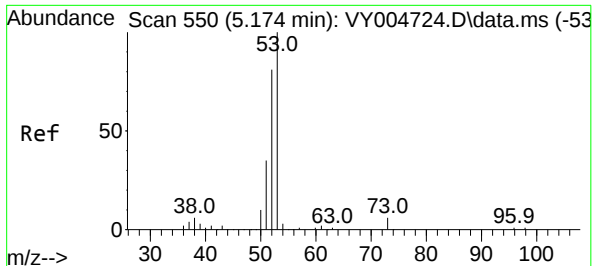
MMDadoda
5/12/2021 10:42:59 AM



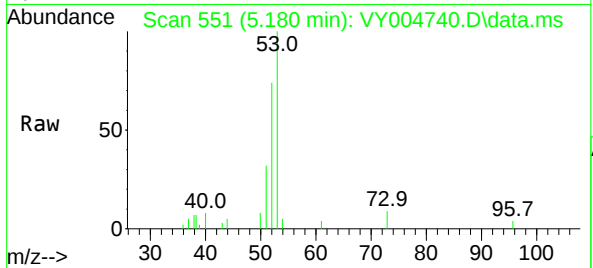
#14
Allyl chloride
Concen: 2.52 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion: 41 Resp: 9275
Ion Ratio Lower Upper
41 100
39 67.0 56.1 84.1
76 29.9 26.2 39.4



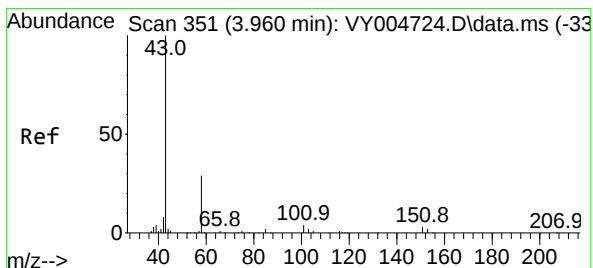
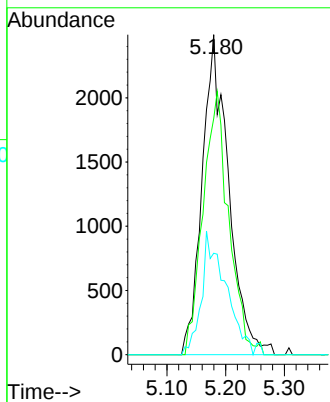
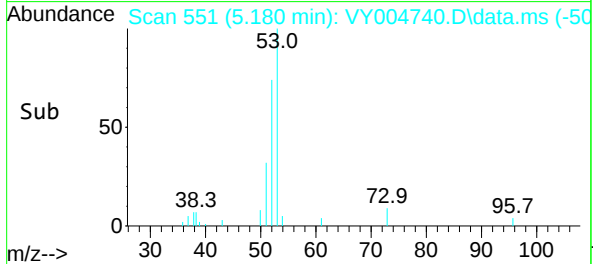


#15
Acrylonitrile
Concen: 12.78 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

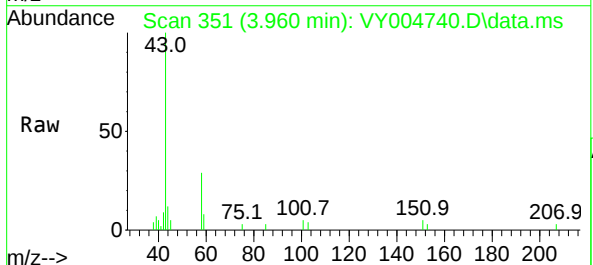


Tgt Ion: 53 Resp: 7787

Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.0	97.6
51	35.3	29.3	43.9

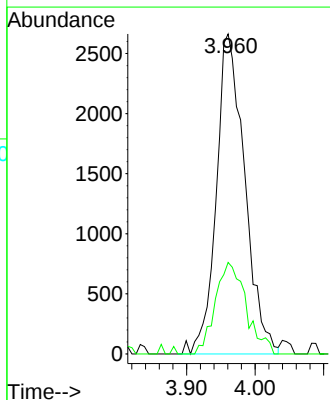
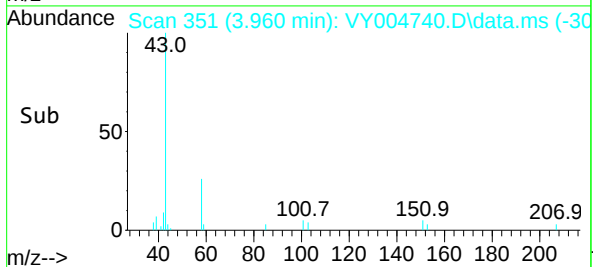


#16
Acetone
Concen: 15.00 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



Tgt Ion: 43 Resp: 7655

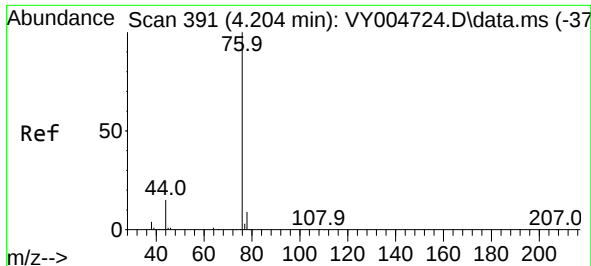
Ion	Ratio	Lower	Upper
43	100		
58	28.6	23.6	35.4



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

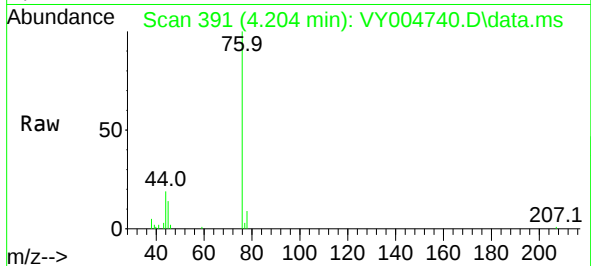
Manual Integrations
APPROVED

MMDadoda
5/12/2021 10:42:59 AM



#17
Carbon Disulfide
Concen: 2.73 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

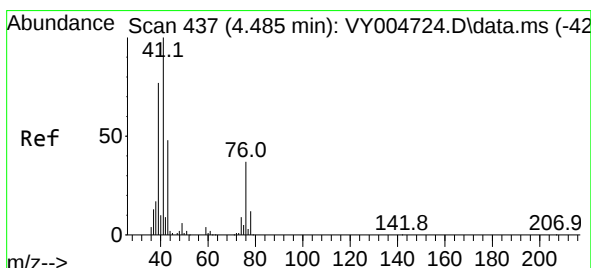
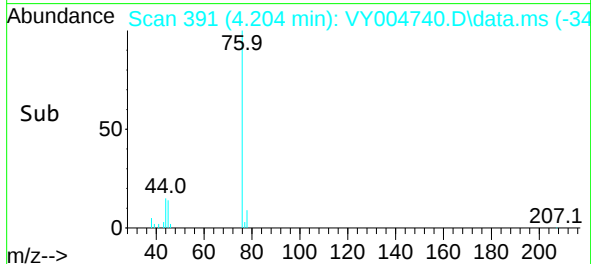
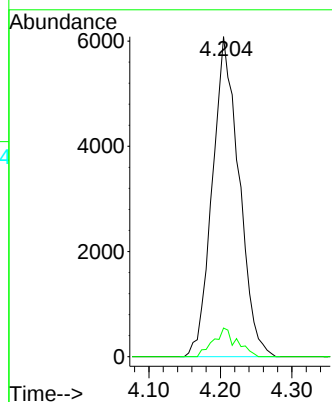
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 76 Resp: 15753
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

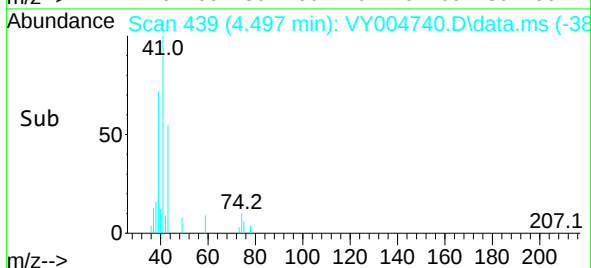
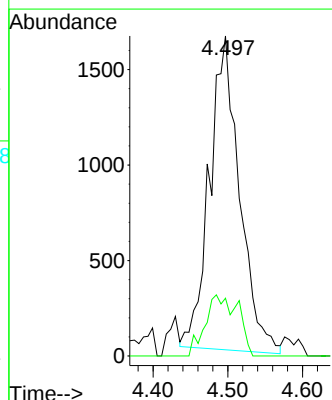
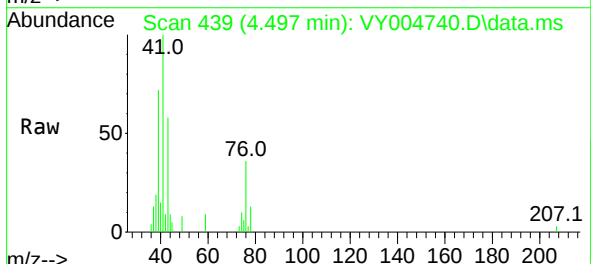
Manual Integrations
APPROVED

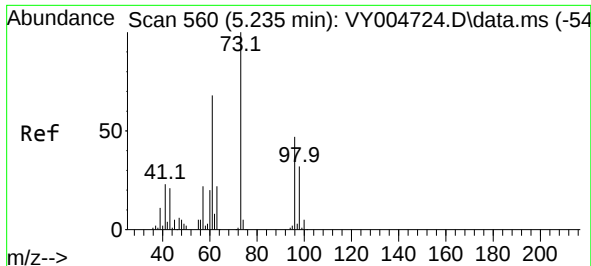
MMDadoda
5/12/2021 10:42:59 AM



#18
Methyl Acetate
Concen: 2.81 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion: 43 Resp: 4579
Ion Ratio Lower Upper
43 100
74 21.2 16.6 24.8





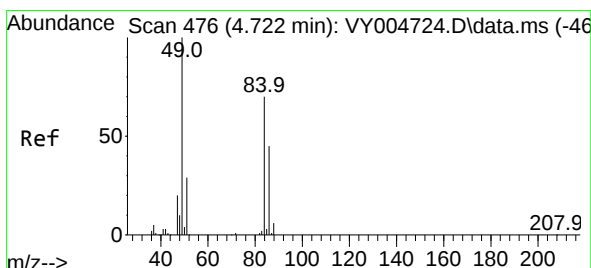
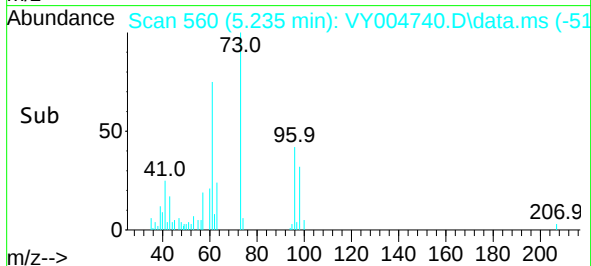
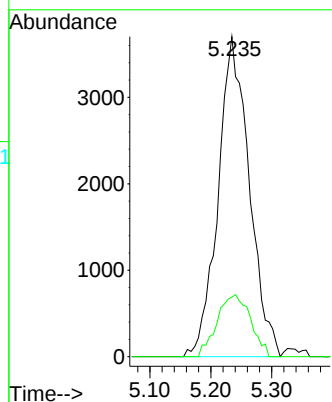
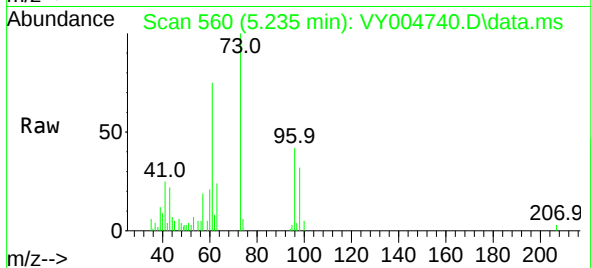
#19
Methyl tert-butyl Ether
Concen: 2.53 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion: 73 Resp: 13145
Ion Ratio Lower Upper
73 100
57 18.6 17.9 26.9

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

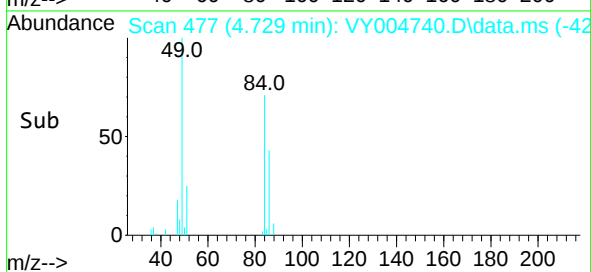
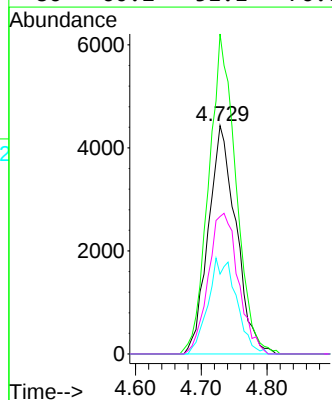
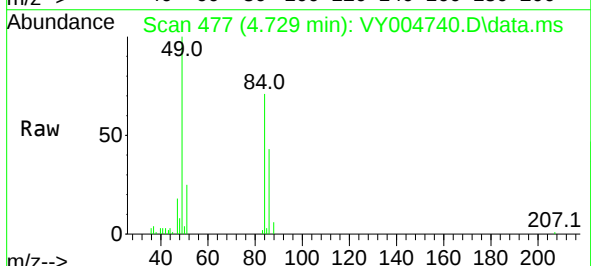
Manual Integrations
APPROVED

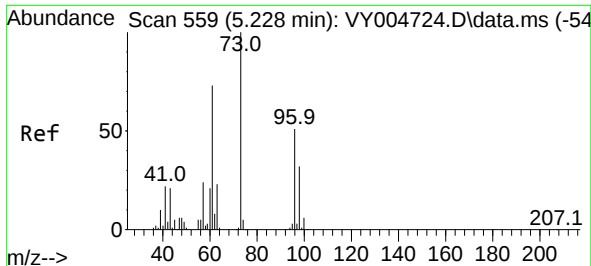
MMDadoda
5/12/2021 10:42:59 AM



#20
Methylene Chloride
Concen: 3.97 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

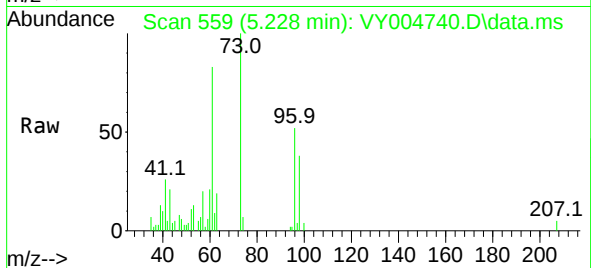
Tgt Ion: 84 Resp: 13001
Ion Ratio Lower Upper
84 100
49 140.2 113.8 170.8
51 35.0 33.5 50.3
86 60.2 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 2.58 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

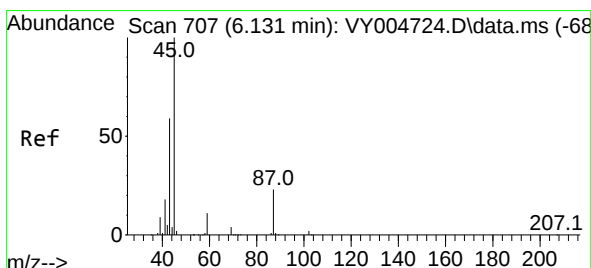
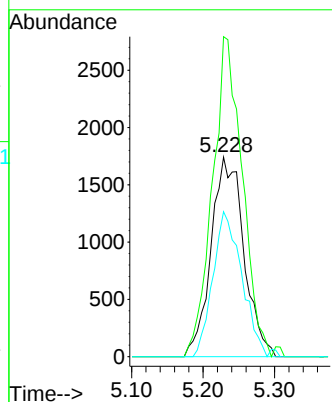
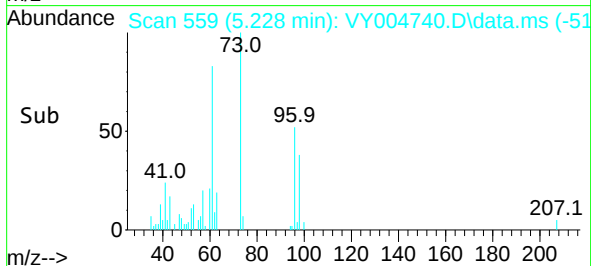
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



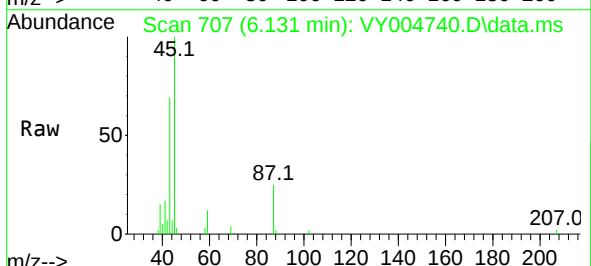
Tgt Ion: 96 Resp: 5527
Ion Ratio Lower Upper
96 100
61 160.4 115.5 173.3
98 72.7 50.6 75.8

Manual Integrations
APPROVED

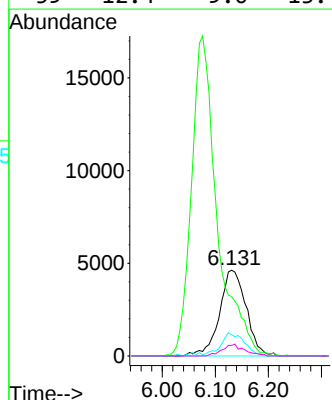
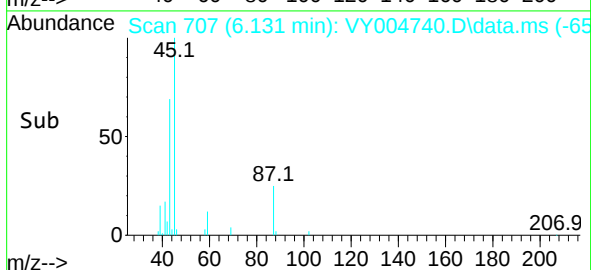
MMDadoda
5/12/2021 10:42:59 AM



#22
Diisopropyl ether
Concen: 2.28 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



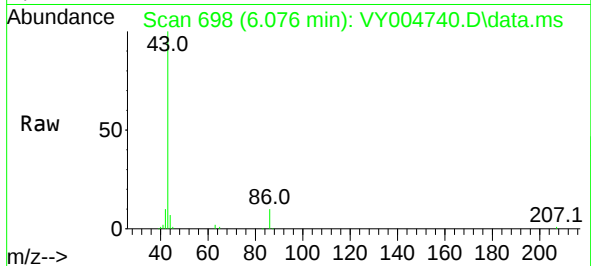
Tgt Ion: 45 Resp: 16148
Ion Ratio Lower Upper
45 100
43 69.4 47.7 71.5
87 24.8 18.9 28.3
59 12.4 9.0 13.4





#23
 Vinyl Acetate
 Concen: 10.94 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY004740.D
 Acq: 11 May 2021 12:30

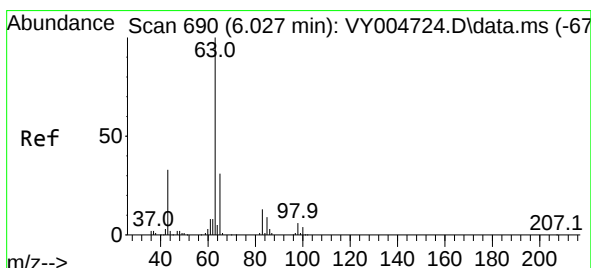
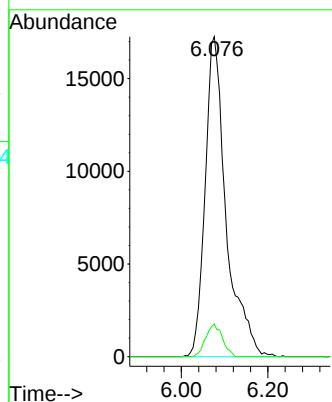
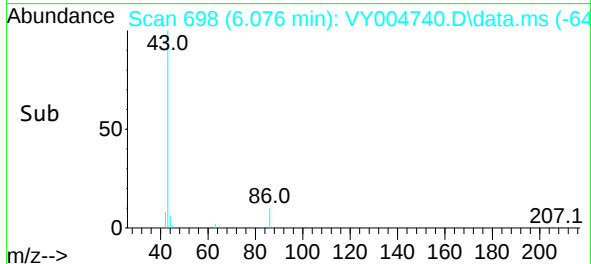
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



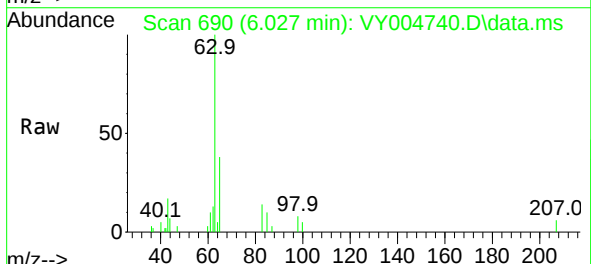
Tgt Ion: 43 Resp: 58261
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.2 10.8

Manual Integrations
 APPROVED

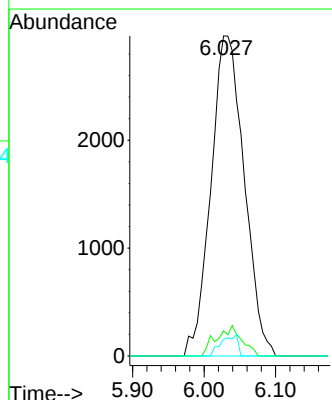
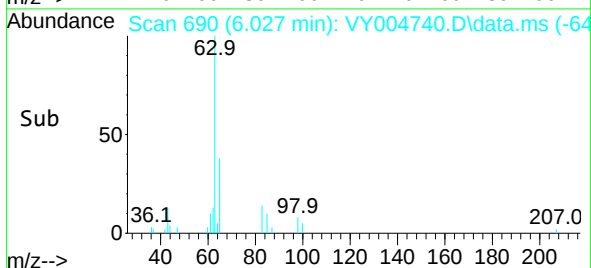
MMDadoda
 5/12/2021 10:42:59 AM

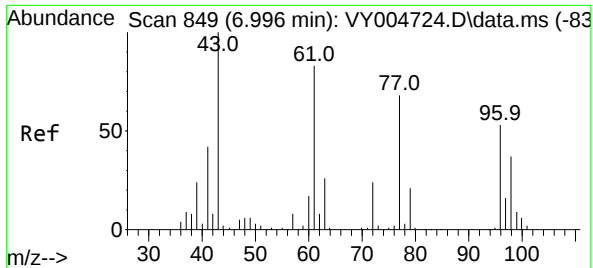


#24
 1,1-Dichloroethane
 Concen: 2.40 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY004740.D
 Acq: 11 May 2021 12:30



Tgt Ion: 63 Resp: 9581
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 5.2 2.0 6.0





#25

2-Butanone

Concen: 12.01 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY004740.D

Acq: 11 May 2021 12:30

Tgt Ion: 43 Resp: 10888

Ion Ratio Lower Upper

43 100

72 25.4 19.4 29.0

Instrument :

MSVOA_Y

ClientSampleId :

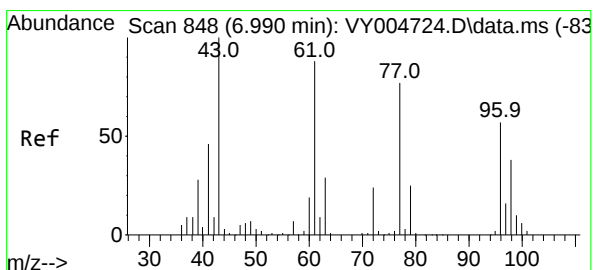
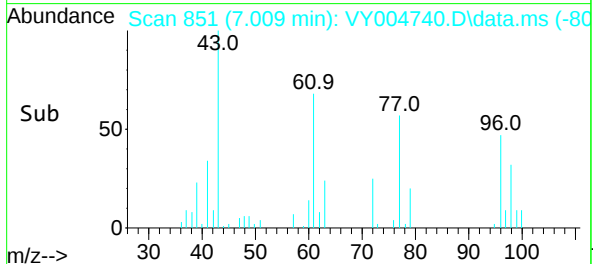
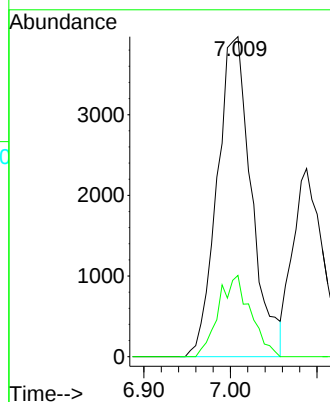
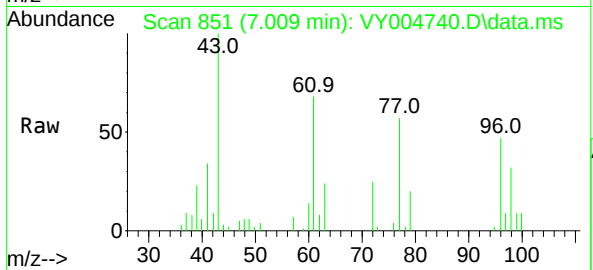
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations

APPROVED

MMDadoda

5/12/2021 10:42:59 AM



#26

2,2-Dichloropropane

Concen: 2.42 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY004740.D

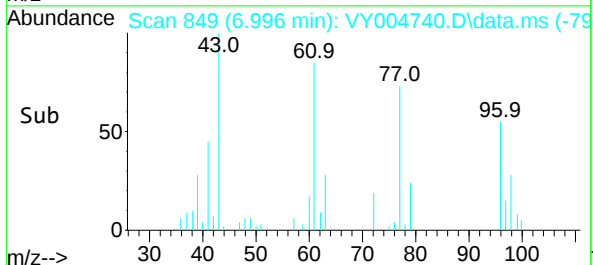
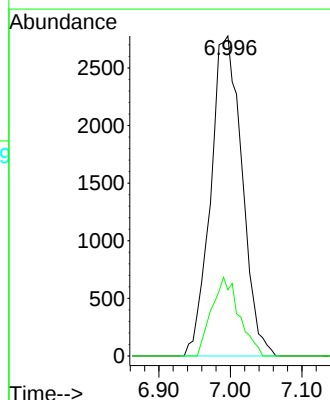
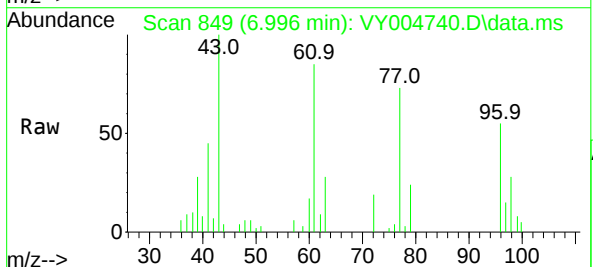
Acq: 11 May 2021 12:30

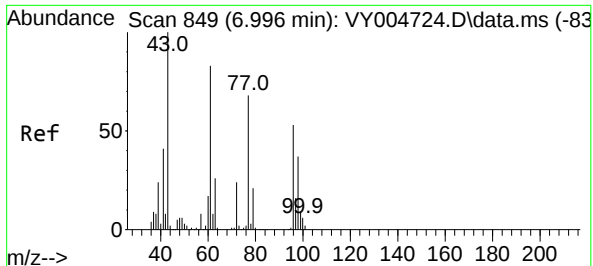
Tgt Ion: 77 Resp: 8441

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 2.47 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY004740.D

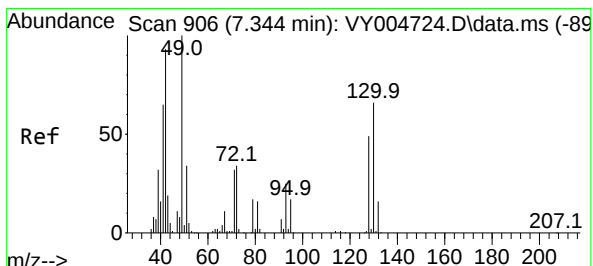
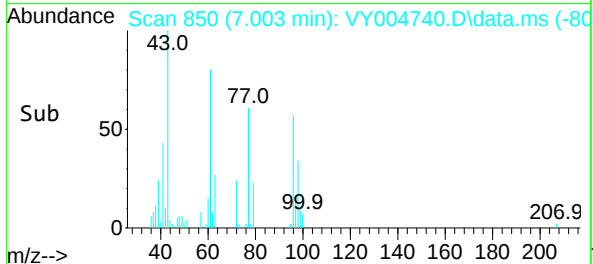
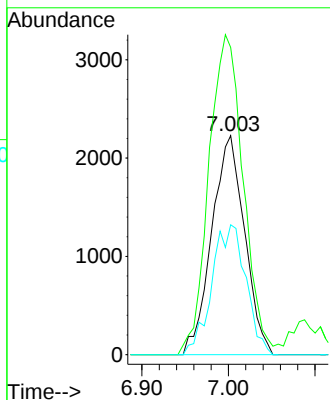
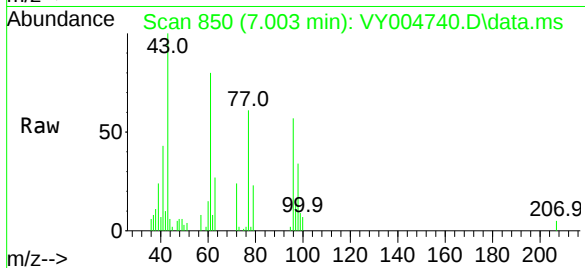
Acq: 11 May 2021 12:30

Tgt Ion:	96	Resp:	5876
Ion	Ratio	Lower	Upper
96	100		
61	152.7	0.0	308.4
98	61.5	0.0	132.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/12/2021 10:42:59 AM



#28

Bromochloromethane

Concen: 2.34 ug/l

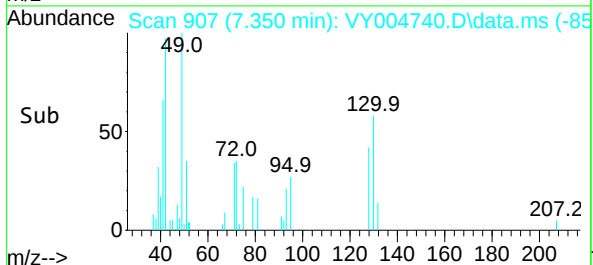
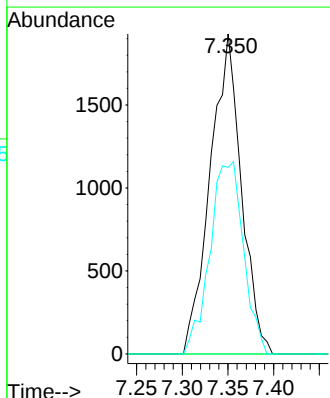
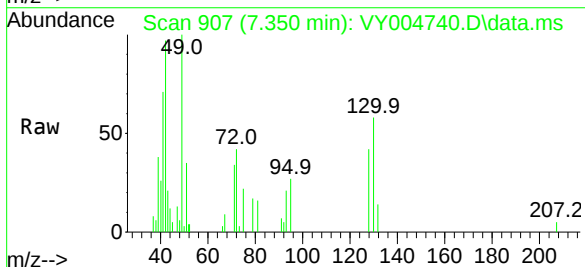
RT: 7.350 min Scan# 907

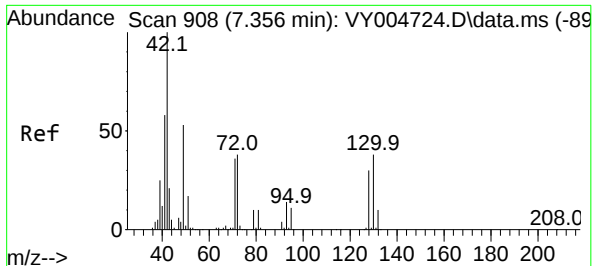
Delta R.T. 0.006 min

Lab File: VY004740.D

Acq: 11 May 2021 12:30

Tgt Ion:	49	Resp:	4569
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	64.7	52.8	79.2





#29

Tetrahydrofuran

Concen: 11.63 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY004740.D

Acq: 11 May 2021 12:30

Tgt Ion:	42	Resp:	6727
Ion Ratio	Lower	Upper	
42	100		
72	38.7	29.4	44.0
71	33.3	28.0	42.0

Instrument :

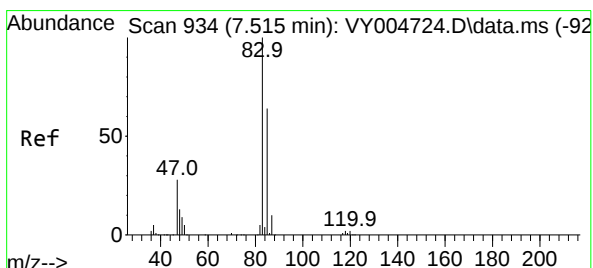
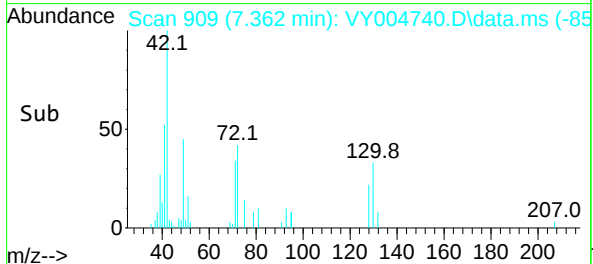
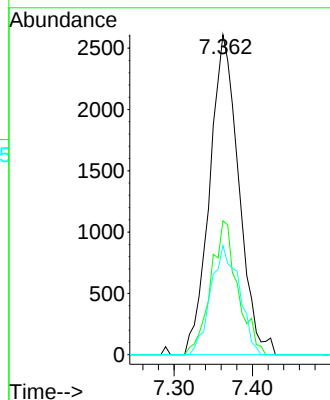
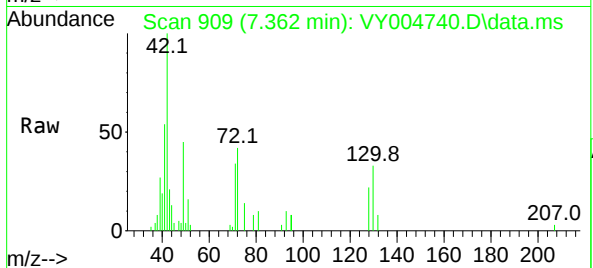
MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/12/2021 10:42:59 AM



#30

Chloroform

Concen: 2.57 ug/l

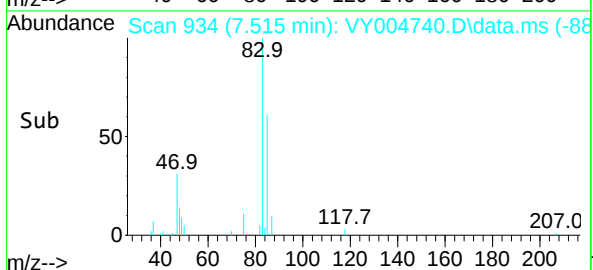
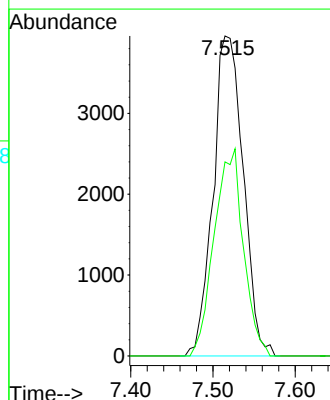
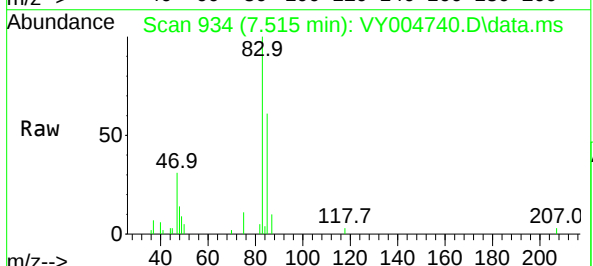
RT: 7.515 min Scan# 934

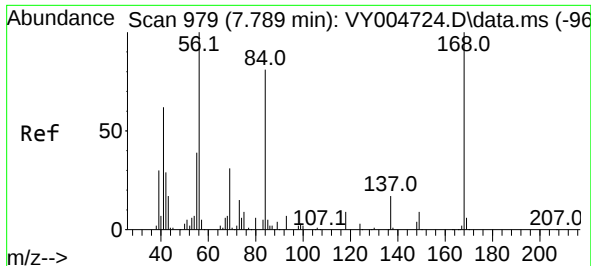
Delta R.T. 0.000 min

Lab File: VY004740.D

Acq: 11 May 2021 12:30

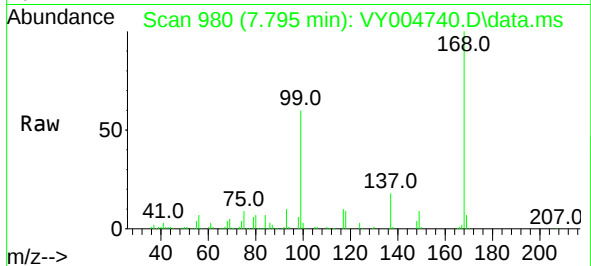
Tgt Ion:	83	Resp:	10093
Ion Ratio	Lower	Upper	
83	100		
85	60.7	51.3	76.9





#31
Cyclohexane
Concen: 3.55 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

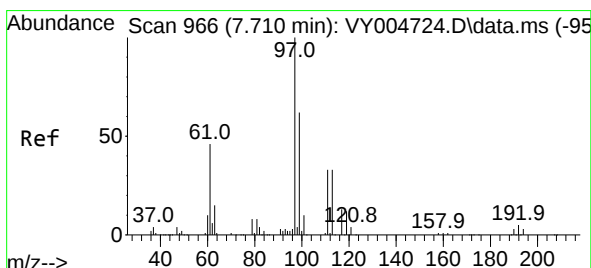
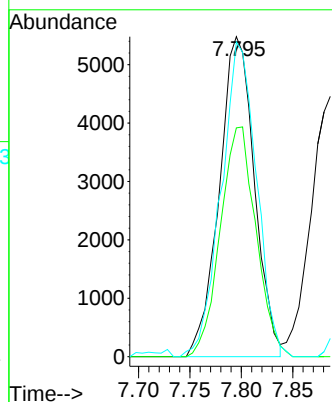
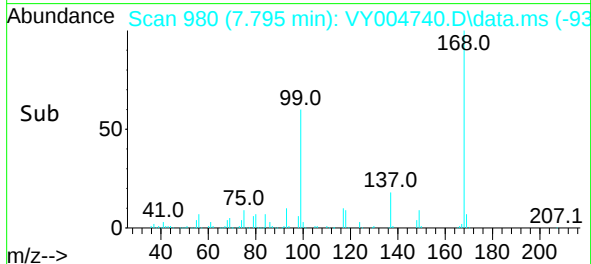
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



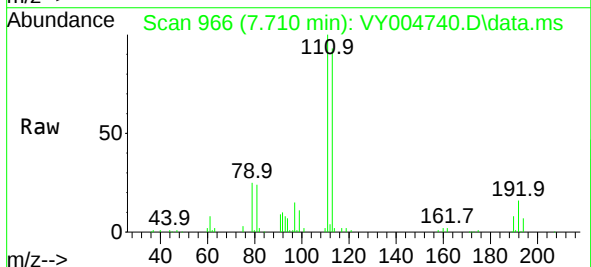
Tgt Ion: 56 Resp: 13051
Ion Ratio Lower Upper
56 100
69 71.5 24.4 36.6#
84 98.4 64.8 97.2#

Manual Integrations
APPROVED

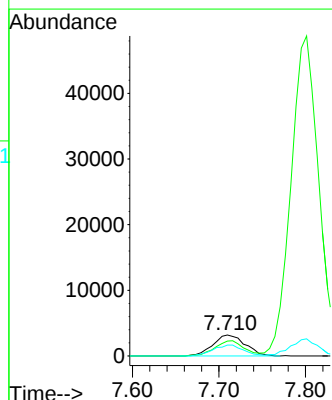
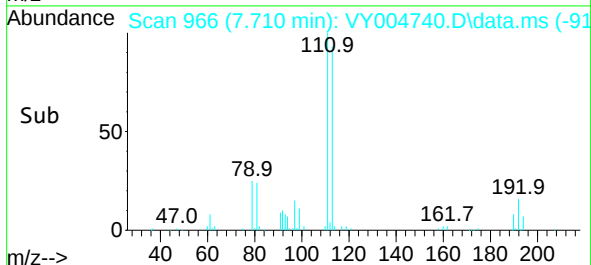
MMDadoda
5/12/2021 10:42:59 AM

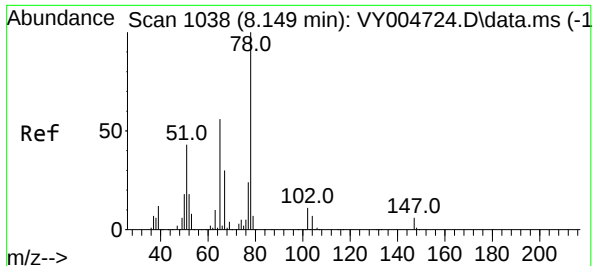


#32
1,1,1-Trichloroethane
Concen: 2.34 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



Tgt Ion: 97 Resp: 8245
Ion Ratio Lower Upper
97 100
99 65.8 50.7 76.1
61 48.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 53.62 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY004740.D

Acq: 11 May 2021 12:30

Tgt Ion: 65 Resp: 121829

Ion Ratio Lower Upper

65 100

67 51.9 0.0 108.0

Instrument :

MSVOA_Y

ClientSampleId :

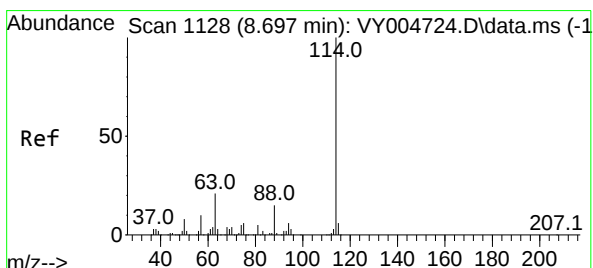
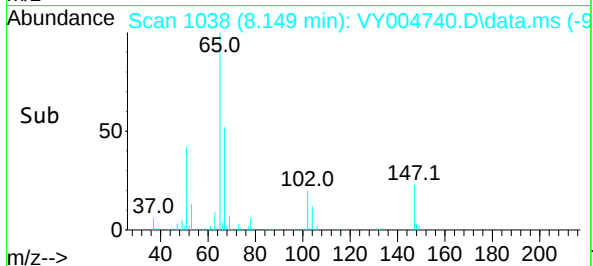
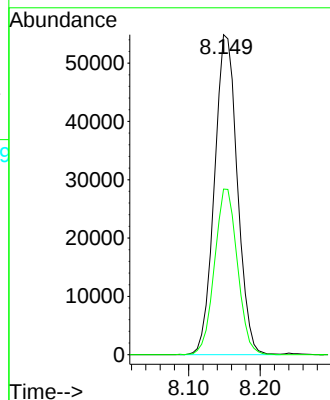
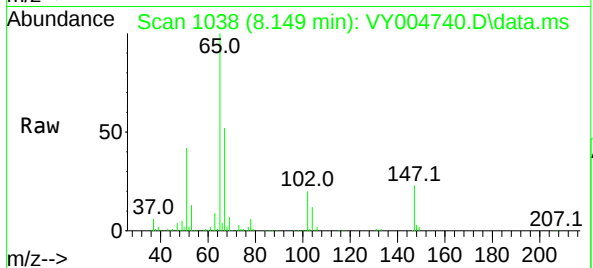
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations

APPROVED

MMDadoda

5/12/2021 10:42:59 AM



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004740.D

Acq: 11 May 2021 12:30

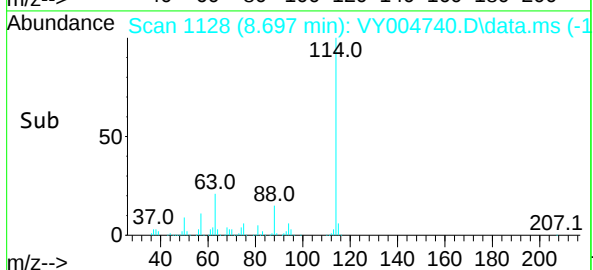
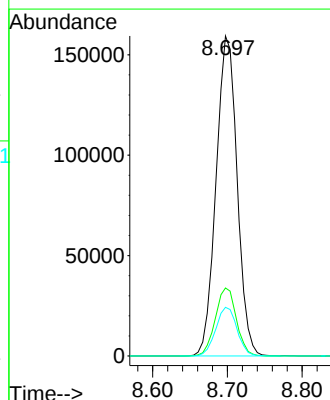
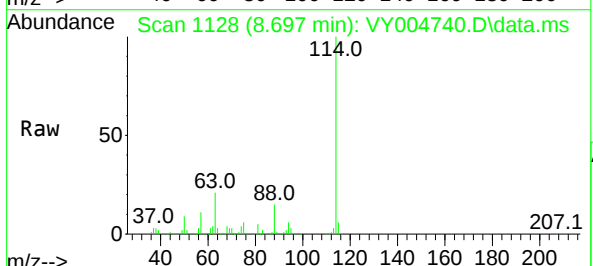
Tgt Ion: 114 Resp: 312663

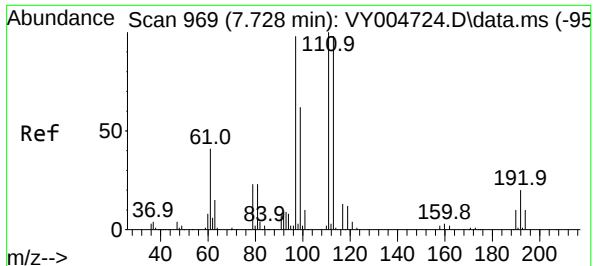
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 58.12 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004740.D

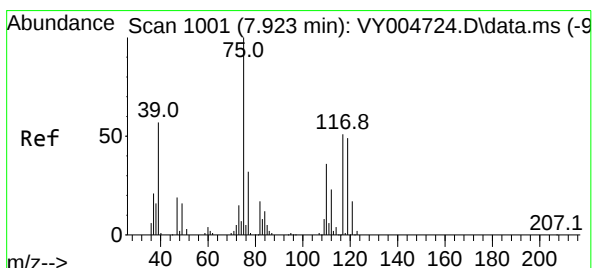
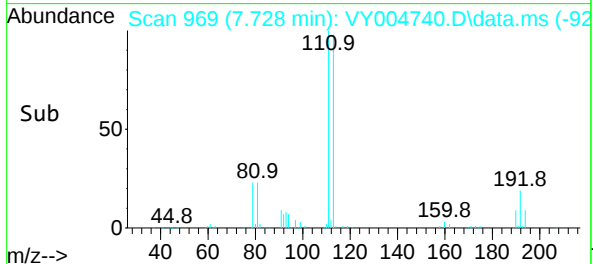
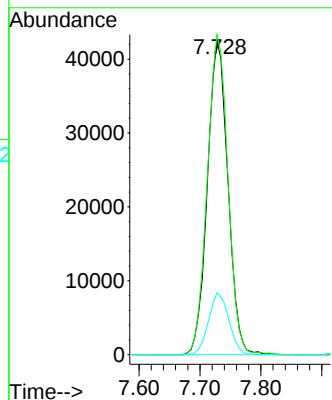
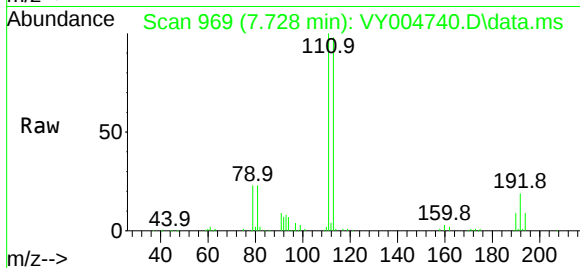
Acq: 11 May 2021 12:30

Tgt Ion:	113	Resp:	99490
Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.5	120.7
192	19.5	15.0	22.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/12/2021 10:42:59 AM



#36

1,1-Dichloropropene

Concen: 2.64 ug/l

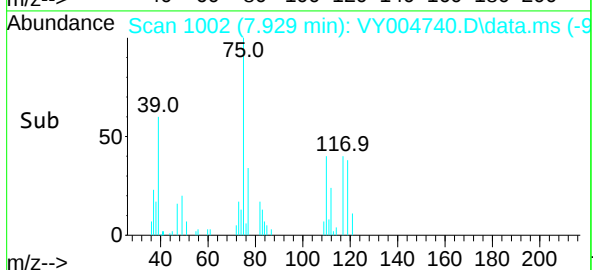
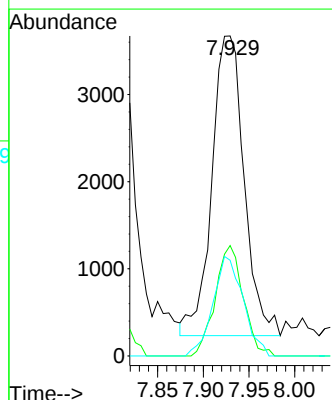
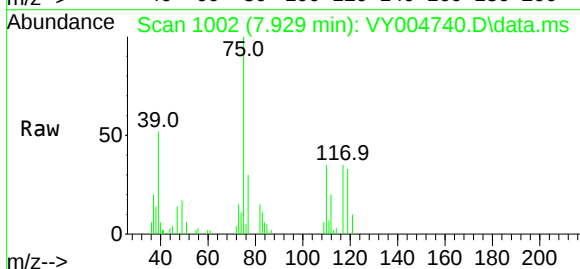
RT: 7.929 min Scan# 1002

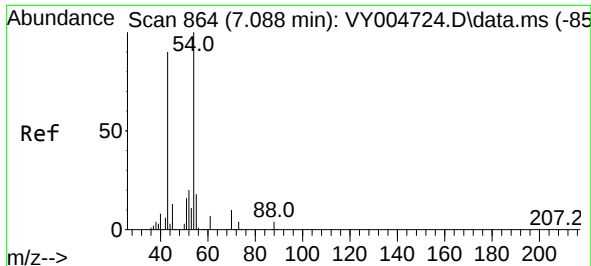
Delta R.T. 0.006 min

Lab File: VY004740.D

Acq: 11 May 2021 12:30

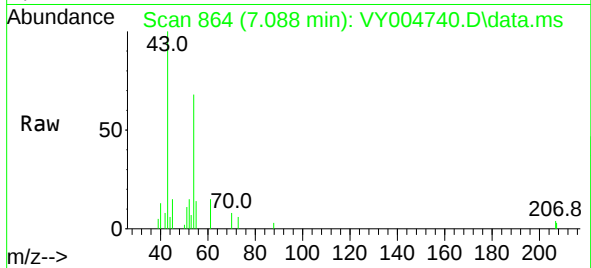
Tgt Ion:	75	Resp:	8447
Ion	Ratio	Lower	Upper
75	100		
110	32.0	17.0	50.9
77	31.0	25.0	37.4





#37
Ethyl Acetate
Concen: 2.63 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

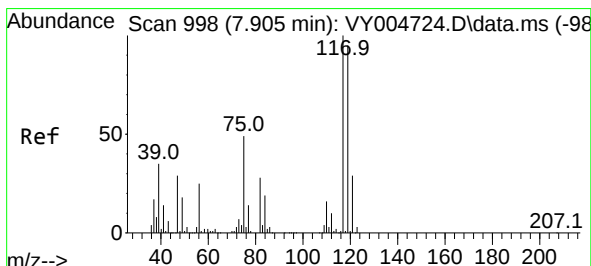
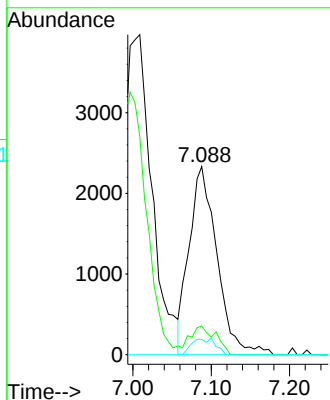
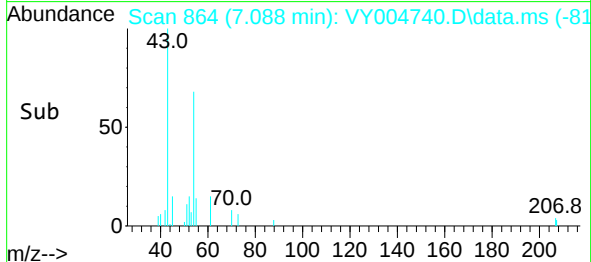
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



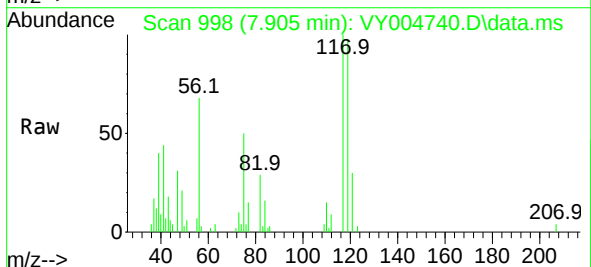
Tgt Ion: 43 Resp: 5780
Ion Ratio Lower Upper
43 100
61 13.7 9.9 14.9
70 7.2 6.7 10.1

Manual Integrations
APPROVED

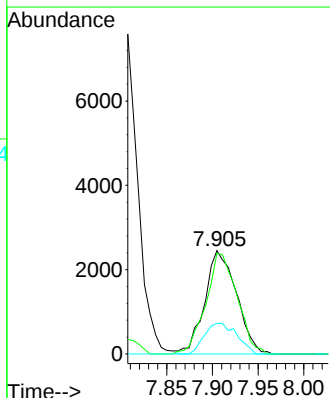
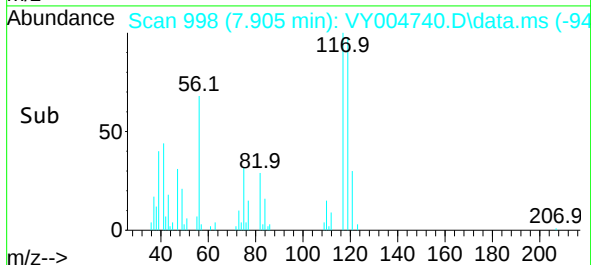
MMDadoda
5/12/2021 10:42:59 AM

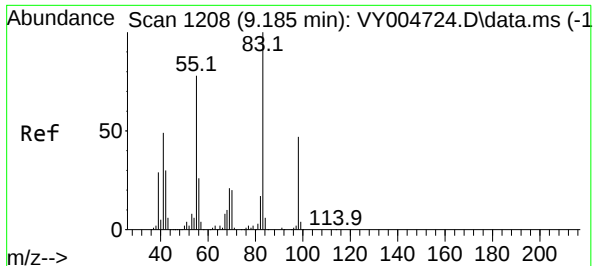


#38
Carbon Tetrachloride
Concen: 2.05 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



Tgt Ion: 117 Resp: 5905
Ion Ratio Lower Upper
117 100
119 97.4 76.3 114.5
121 29.6 23.0 34.6





#39

Methylcyclohexane

Concen: 2.42 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY004740.D

Acq: 11 May 2021 12:30

Tgt Ion:	83	Resp:	8463
Ion	Ratio	Lower	Upper
83	100		
55	76.1	62.6	94.0
98	48.5	37.8	56.6

Instrument :

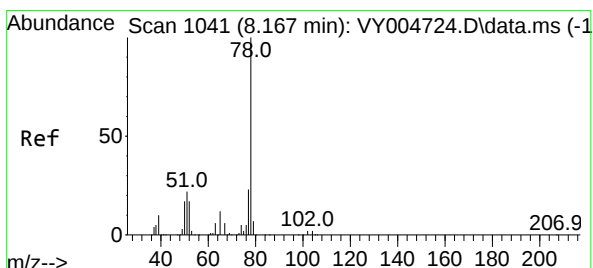
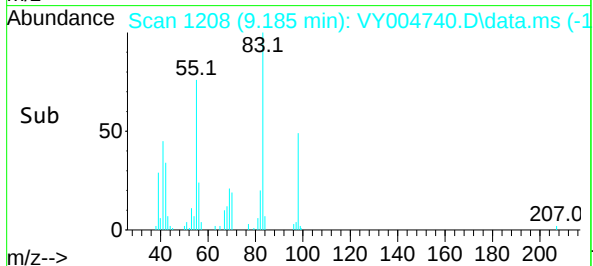
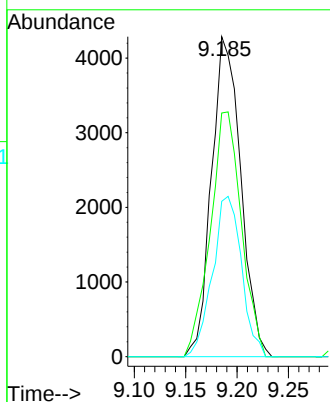
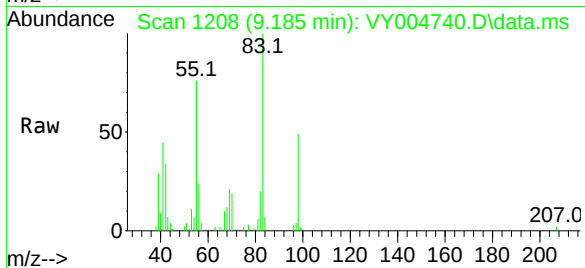
MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/12/2021 10:42:59 AM



#40

Benzene

Concen: 2.50 ug/l

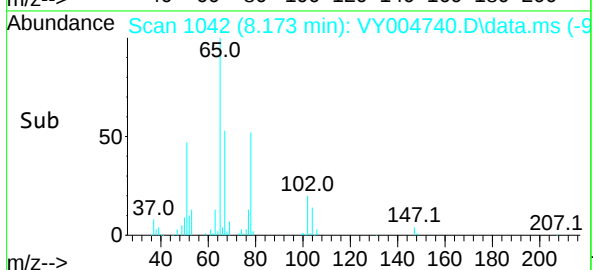
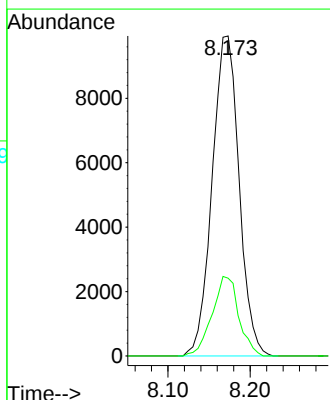
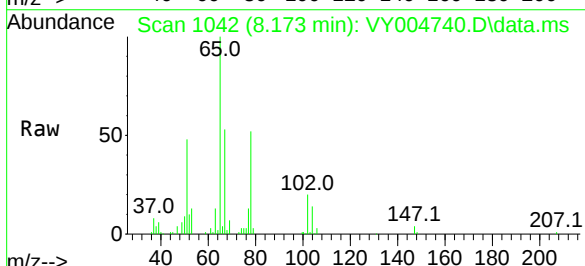
RT: 8.173 min Scan# 1042

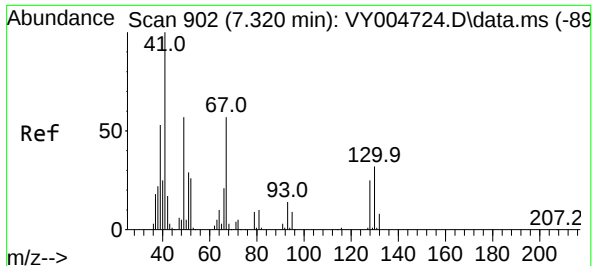
Delta R.T. 0.006 min

Lab File: VY004740.D

Acq: 11 May 2021 12:30

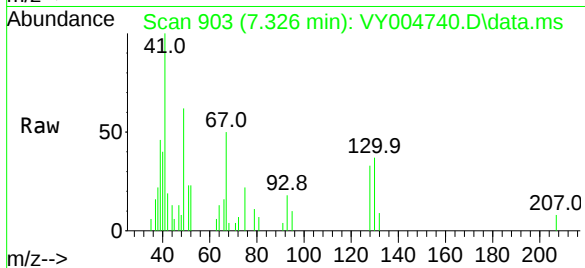
Tgt Ion:	78	Resp:	22615
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.4	27.6





#41
Methacrylonitrile
Concen: 2.42 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

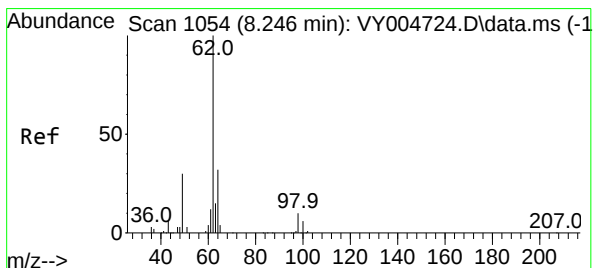
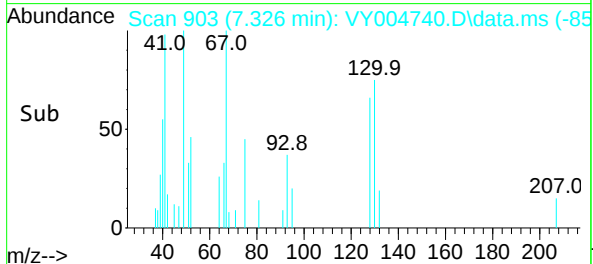
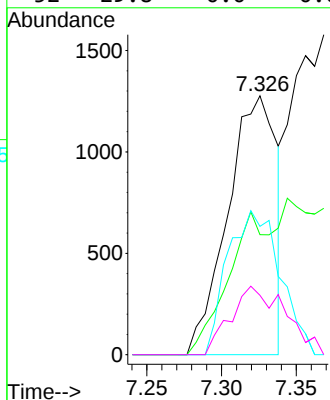
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:	41	Resp:	2905
Ion Ratio	100	Lower	Upper
39	45.6	0.0	0.0#
67	59.8	0.0	0.0#
52	29.8	0.0	0.0#

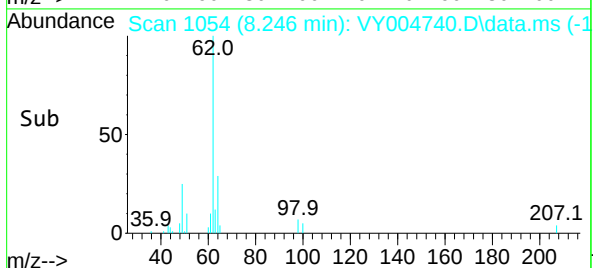
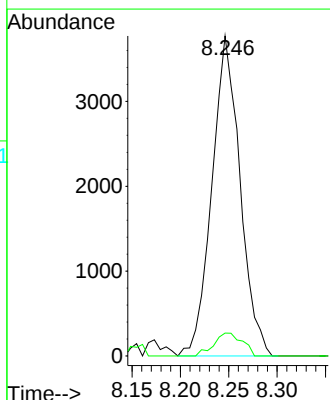
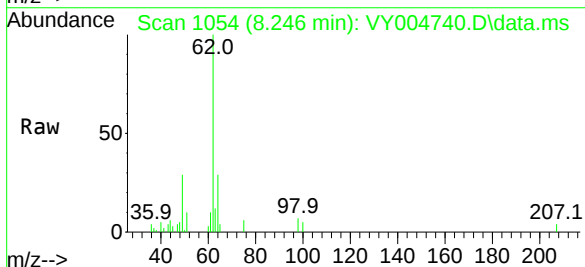
Manual Integrations
APPROVED

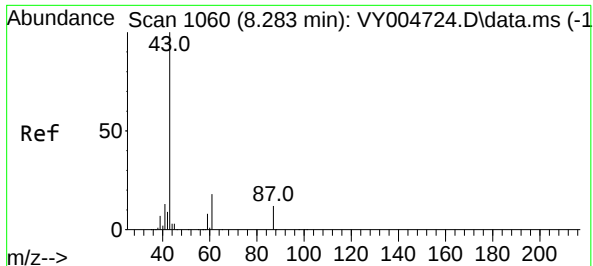
MMDadoda
5/12/2021 10:42:59 AM



#42
1,2-Dichloroethane
Concen: 2.67 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion:	62	Resp:	7634
Ion Ratio	100	Lower	Upper
98	7.2	0.0	18.2





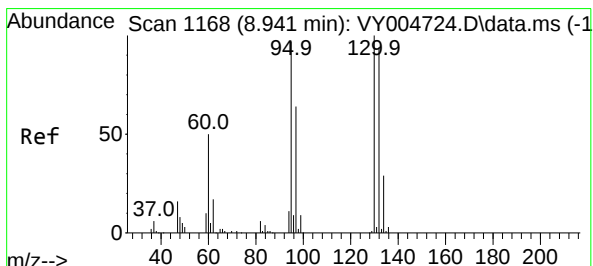
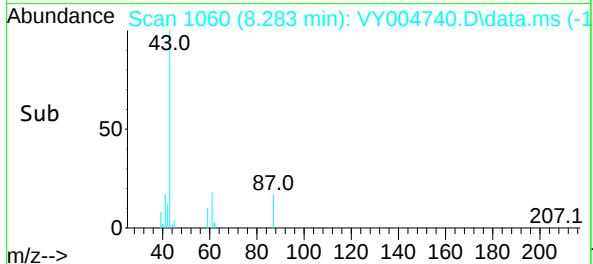
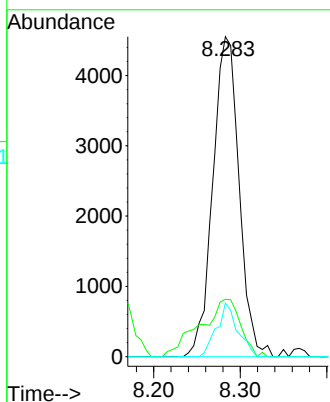
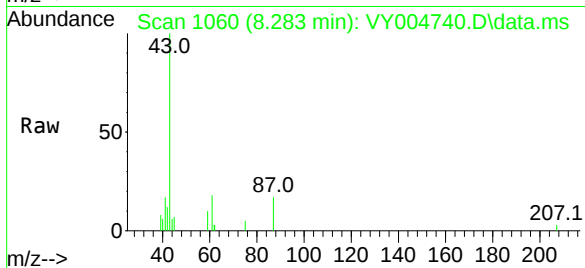
#43
Isopropyl Acetate
Concen: 2.35 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion:	43	Resp:	9589
Ion Ratio	Lower	Upper	
43	100		
61	27.6	20.3	30.5
87	13.4	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

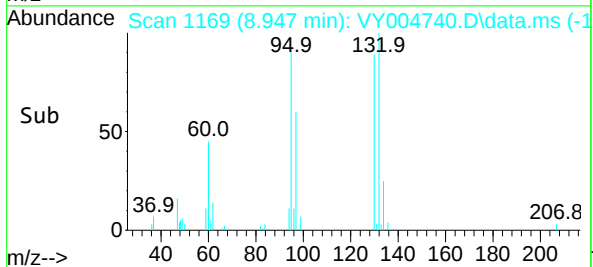
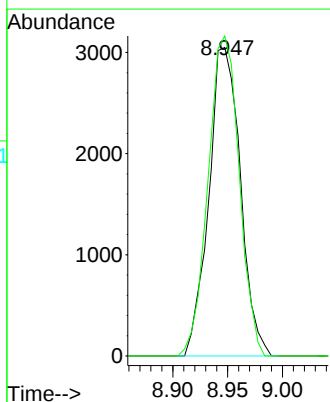
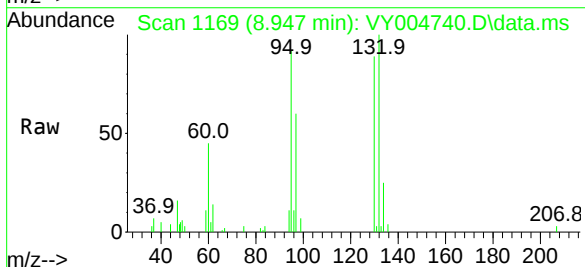
Manual Integrations
APPROVED

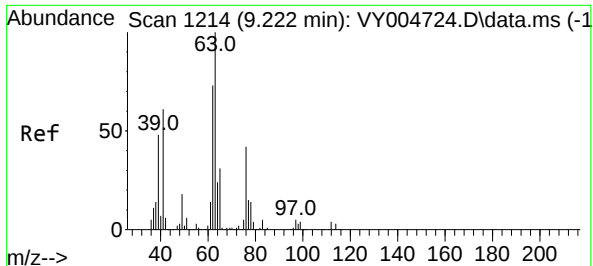
MMDadoda
5/12/2021 10:42:59 AM



#44
Trichloroethene
Concen: 2.51 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion:	130	Resp:	6108
Ion Ratio	Lower	Upper	
130	100		
95	103.7	0.0	193.6





#45

1,2-Dichloropropane

Concen: 2.44 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY004740.D

Acq: 11 May 2021 12:30

Tgt Ion: 63 Resp: 5783

Ion Ratio Lower Upper

63 100

65 34.0 25.0 37.4

Instrument :

MSVOA_Y

ClientSampleId :

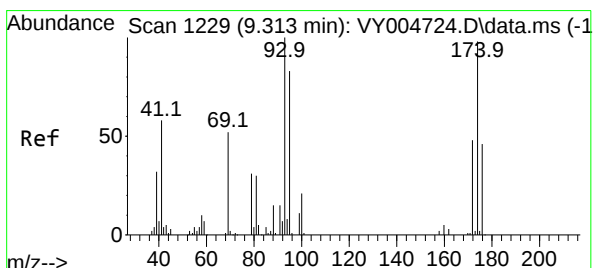
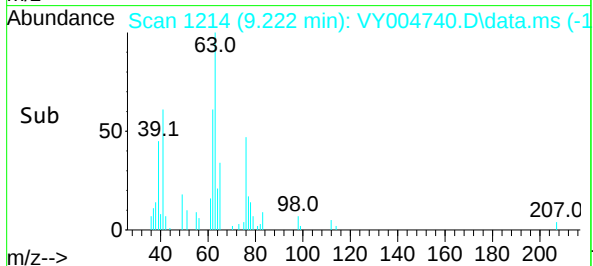
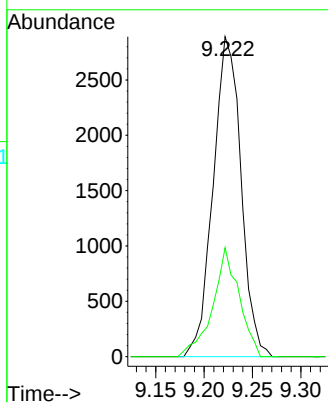
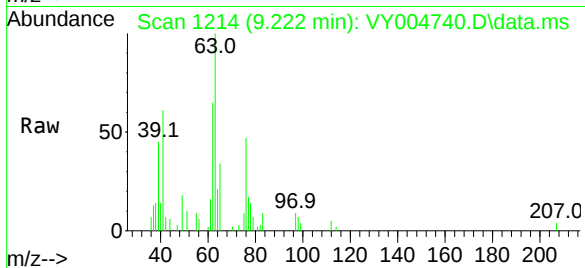
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations

APPROVED

MMDadoda

5/12/2021 10:42:59 AM



#46

Dibromomethane

Concen: 2.28 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY004740.D

Acq: 11 May 2021 12:30

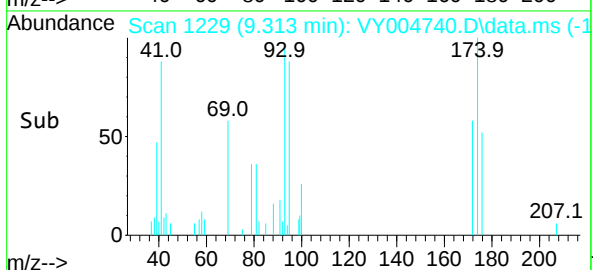
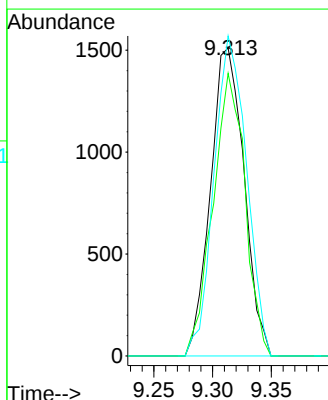
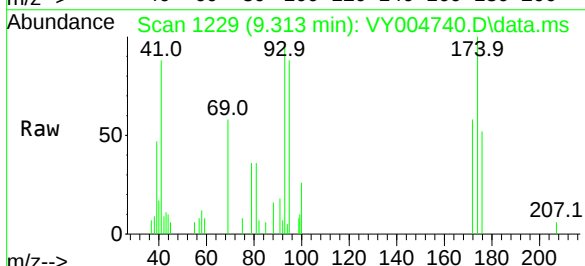
Tgt Ion: 93 Resp: 3003

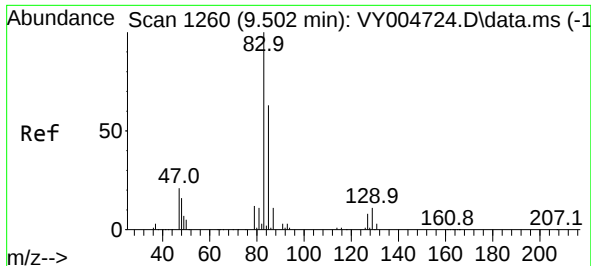
Ion Ratio Lower Upper

93 100

95 87.7 66.8 100.2

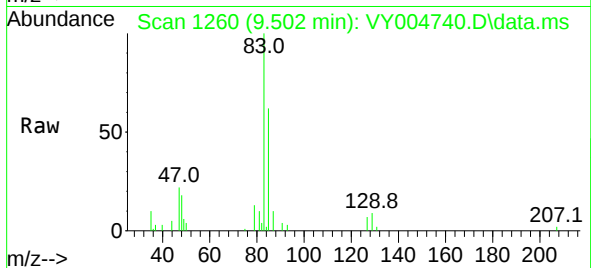
174 100.7 75.9 113.9





#47
Bromodichloromethane
Concen: 2.46 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

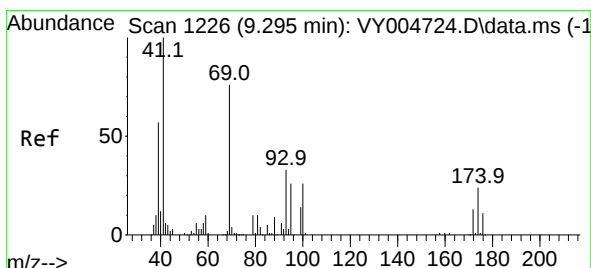
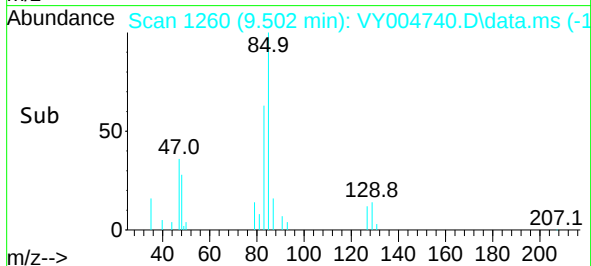
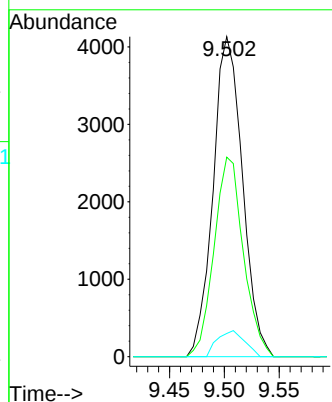
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.4	75.6
127	7.2	6.6	9.8

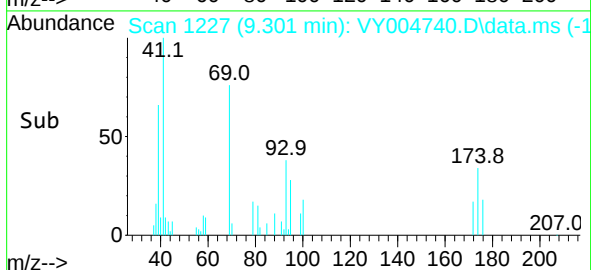
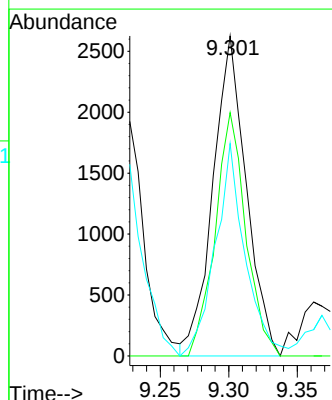
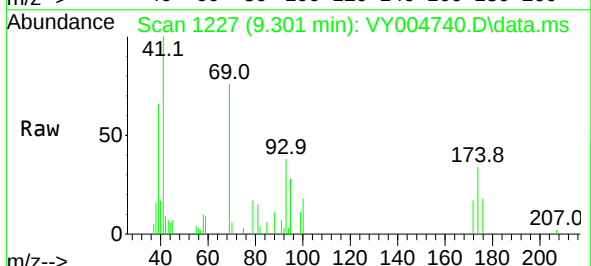
Manual Integrations
APPROVED

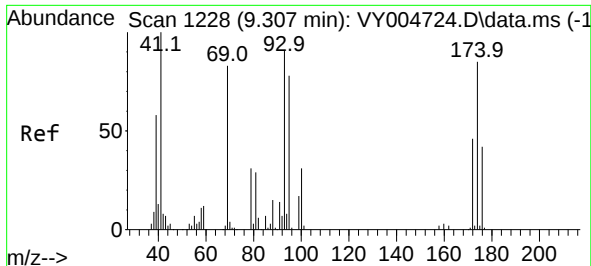
MMDadoda
5/12/2021 10:42:59 AM



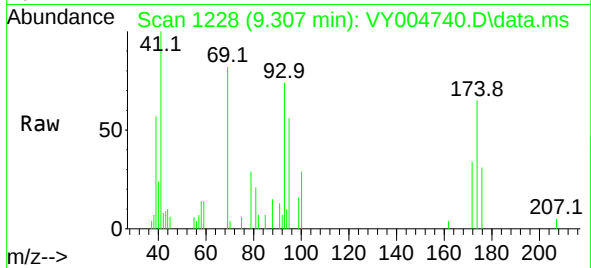
#48
Methyl methacrylate
Concen: 2.39 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion	Ratio	Lower	Upper
41	100		
69	70.3	62.0	93.0
39	59.7	48.4	72.6

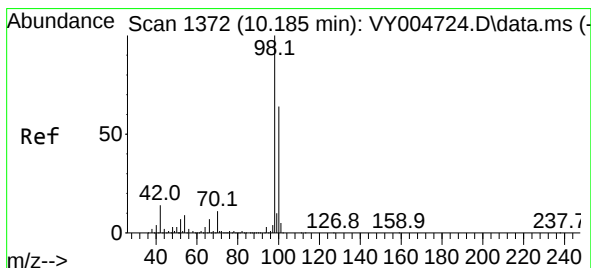
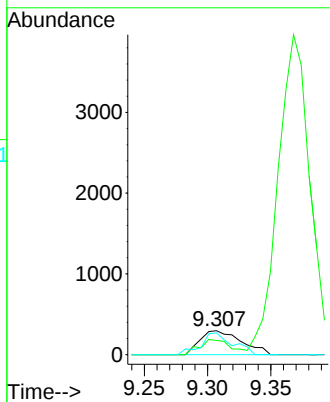
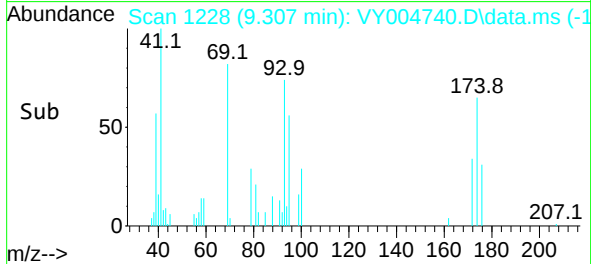




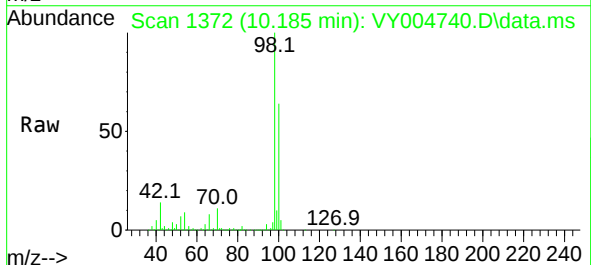
#49
1,4-Dioxane
Concen: 43.56 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



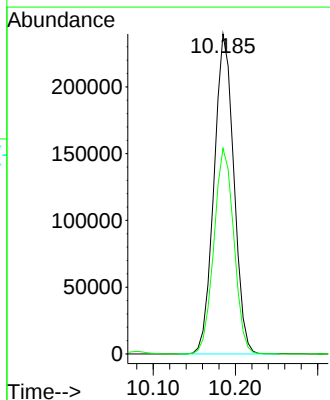
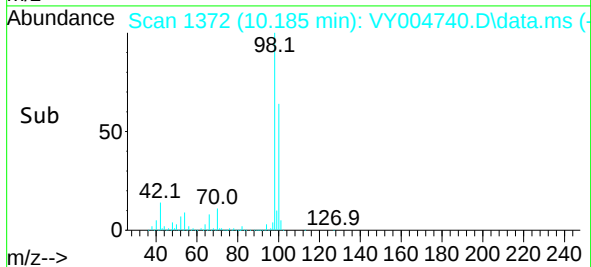
Tgt Ion: 88 Resp: 676
Ion Ratio Lower Upper
88 100
43 49.1 32.1 48.1#
58 68.9 64.2 96.4



#50
Toluene-d8
Concen: 51.88 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



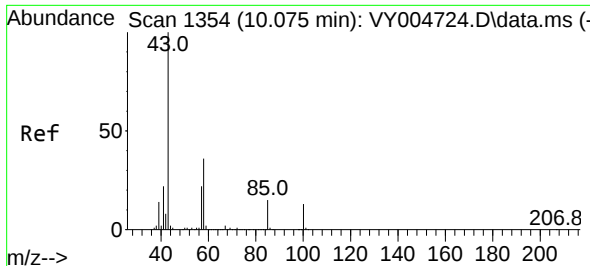
Tgt Ion: 98 Resp: 401148
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

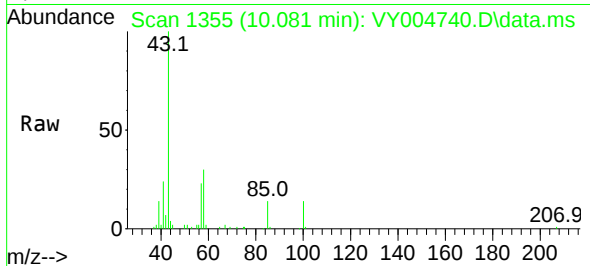
Manual Integrations
APPROVED

MMDadoda
5/12/2021 10:42:59 AM



#51
4-Methyl-2-Pentanone
Concen: 11.18 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

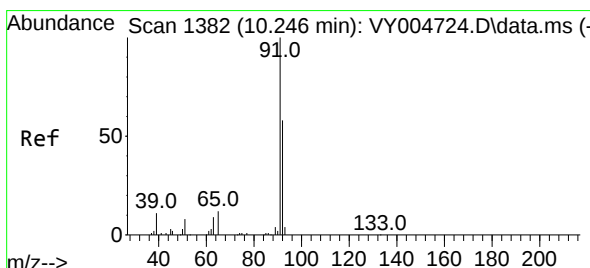
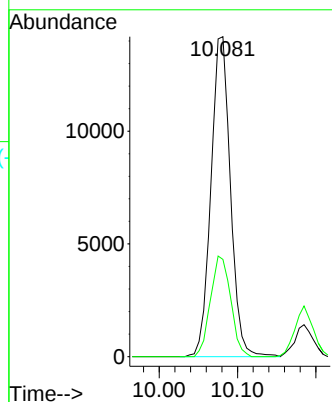
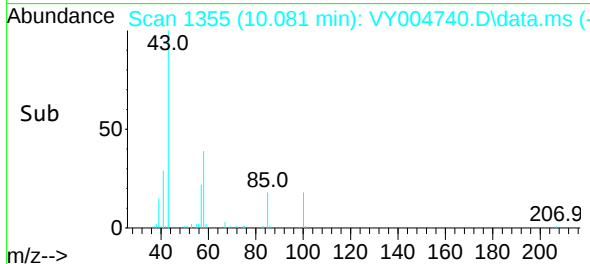
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



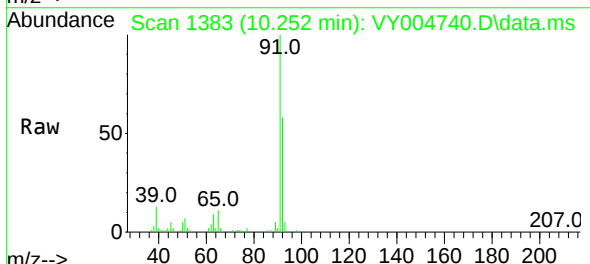
Tgt Ion: 43 Resp: 24516
Ion Ratio Lower Upper
43 100
58 32.6 28.7 43.1

Manual Integrations
APPROVED

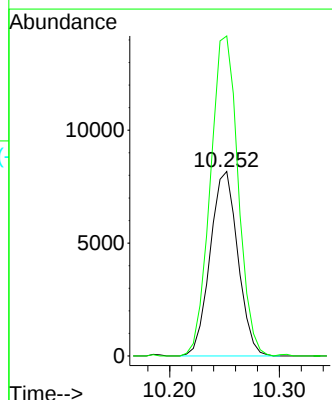
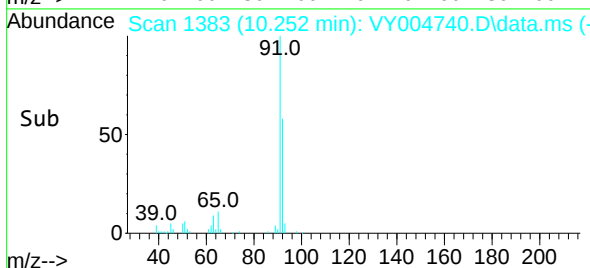
MMDadoda
5/12/2021 10:42:59 AM

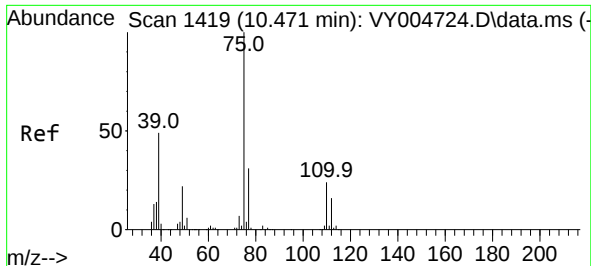


#52
Toluene
Concen: 2.51 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



Tgt Ion: 92 Resp: 14343
Ion Ratio Lower Upper
92 100
91 173.8 138.2 207.4





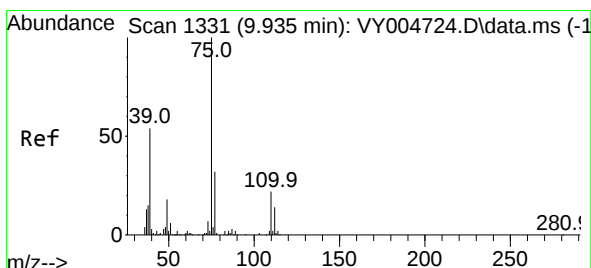
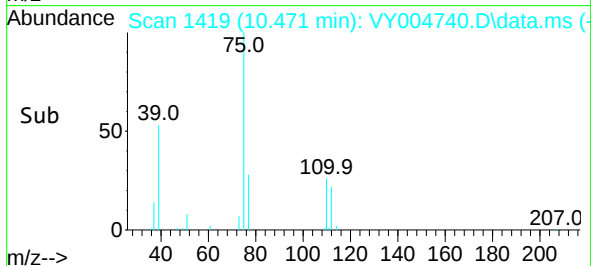
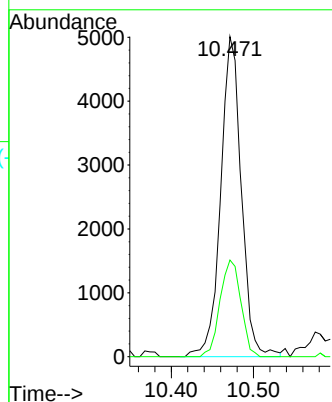
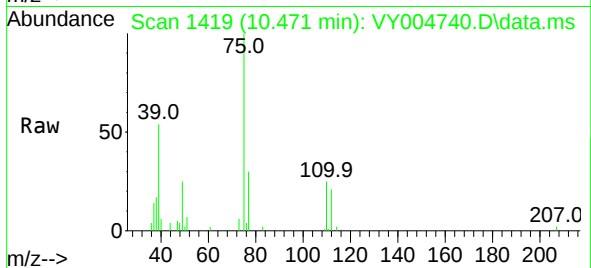
#53
t-1,3-Dichloropropene
Concen: 2.53 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion: 75 Resp: 8756
Ion Ratio Lower Upper
75 100
77 30.2 24.8 37.2

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

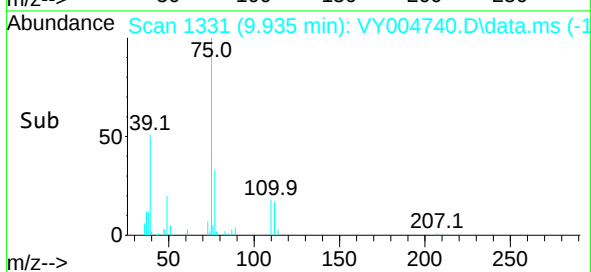
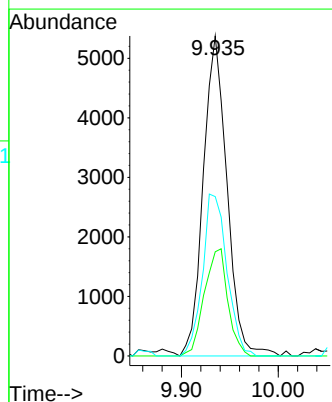
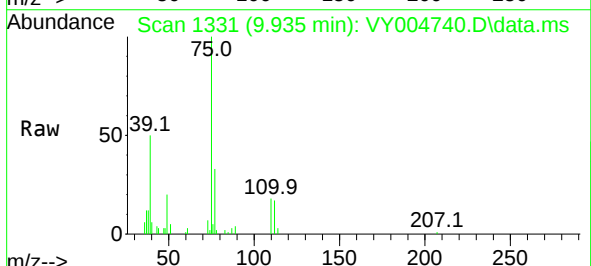
Manual Integrations
APPROVED

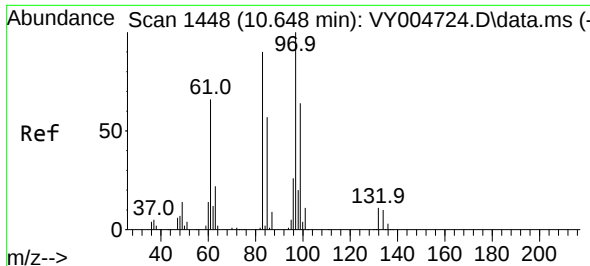
MMDadoda
5/12/2021 10:42:59 AM



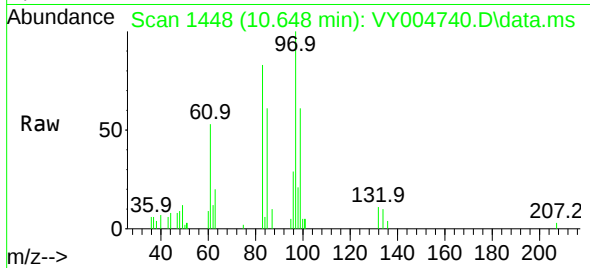
#54
cis-1,3-Dichloropropene
Concen: 2.38 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion: 75 Resp: 9155
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
39 49.8 43.2 64.8

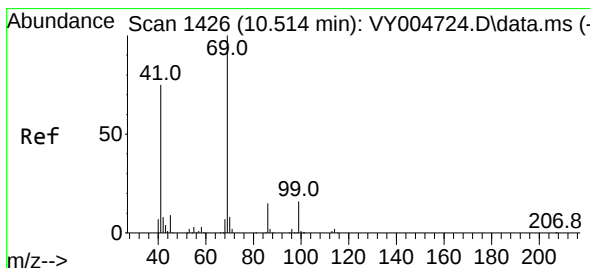
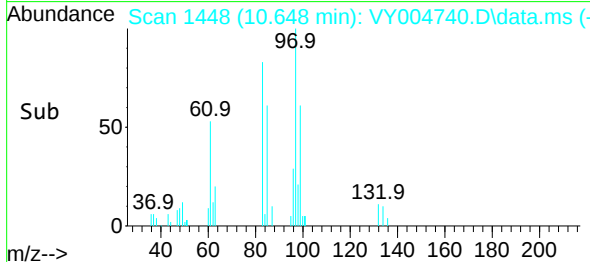
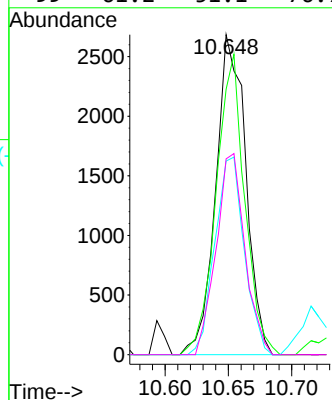




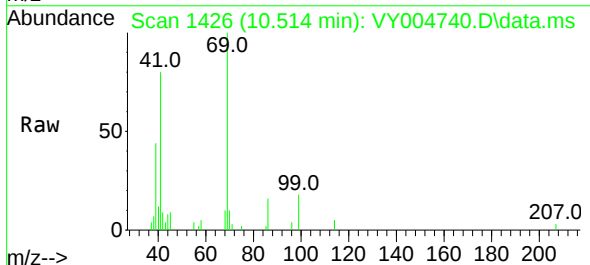
#55
1,1,2-Trichloroethane
Concen: 2.43 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



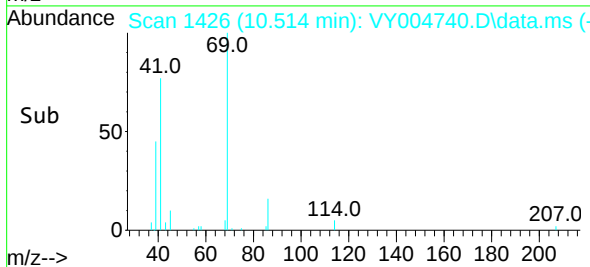
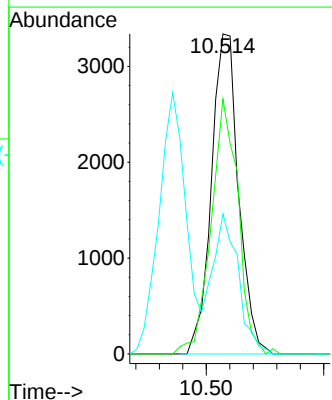
Tgt Ion:	97	Resp:	4408
Ion	Ratio	Lower	Upper
97	100		
83	83.0	71.9	107.9
85	60.5	45.8	68.6
99	61.2	51.1	76.7



#56
Ethyl methacrylate
Concen: 2.05 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



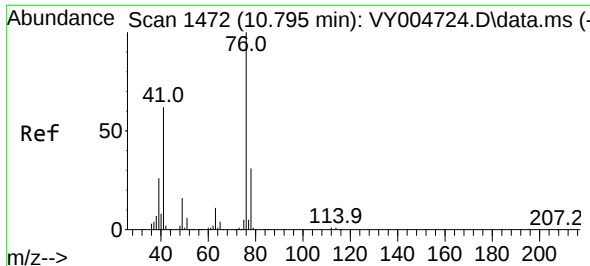
Tgt Ion:	69	Resp:	5368
Ion	Ratio	Lower	Upper
69	100		
41	79.1	60.2	90.4
39	41.7	33.5	50.3



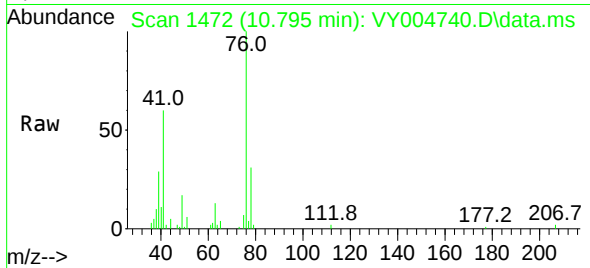
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

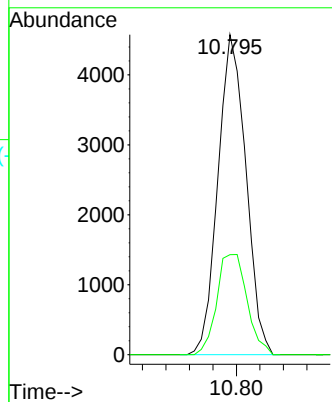
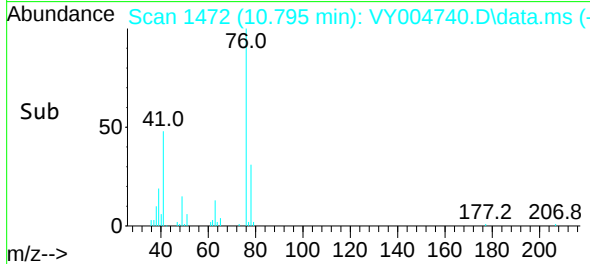
MMDadoda
5/12/2021 10:42:59 AM



#57
1,3-Dichloropropane
Concen: 2.34 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



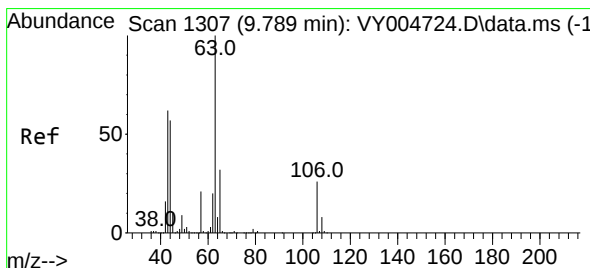
Tgt Ion: 76 Resp: 7559
Ion Ratio Lower Upper
76 100
78 33.9 25.5 38.3



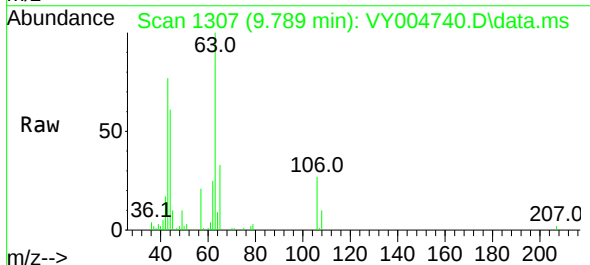
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

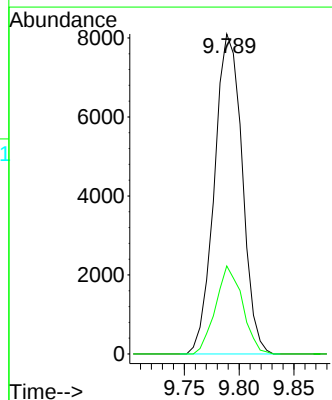
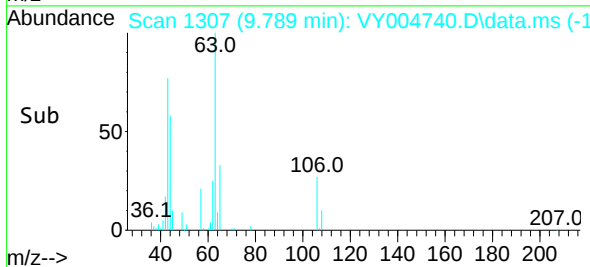
MMDadoda
5/12/2021 10:42:59 AM

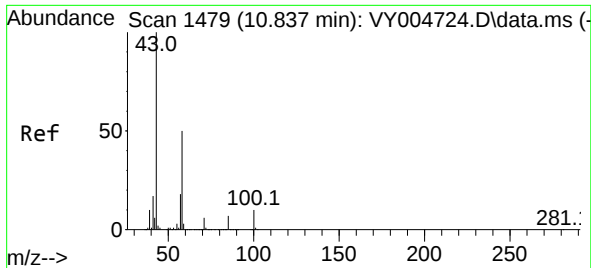


#58
2-Chloroethyl Vinyl ether
Concen: 10.55 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



Tgt Ion: 63 Resp: 14282
Ion Ratio Lower Upper
63 100
106 26.6 20.9 31.3





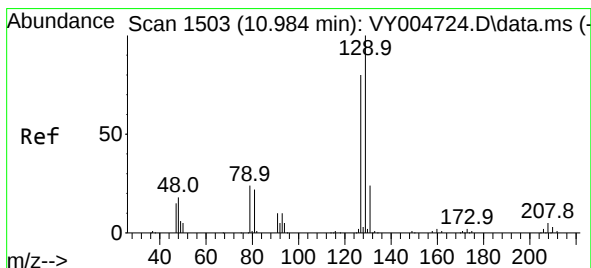
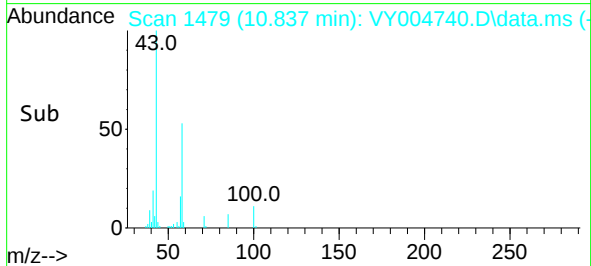
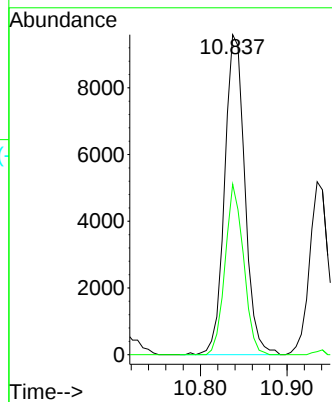
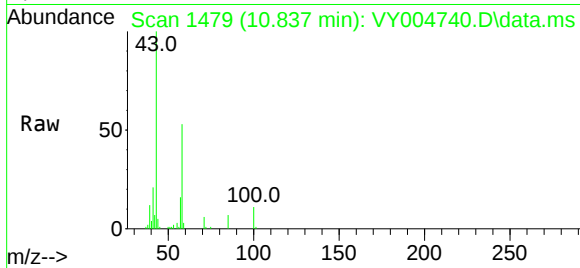
#59
2-Hexanone
Concen: 10.47 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion: 43 Resp: 15553
Ion Ratio Lower Upper
43 100
58 48.6 24.9 74.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

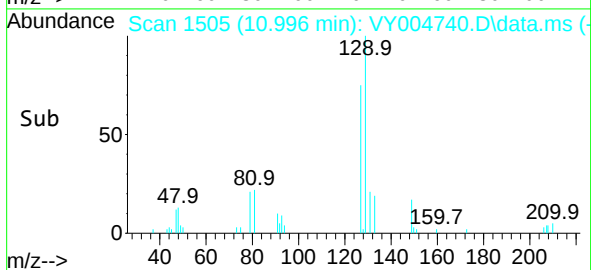
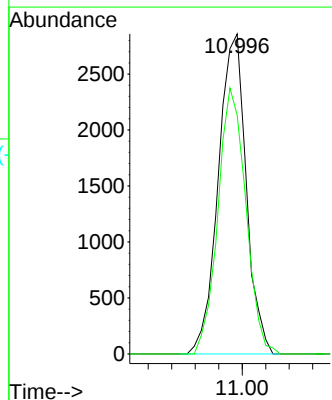
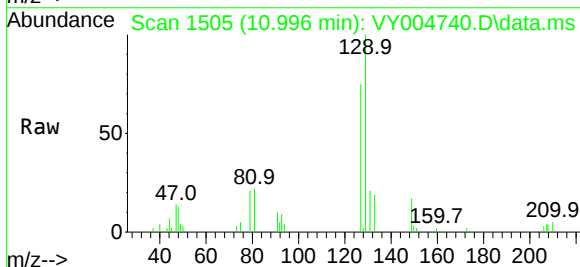
Manual Integrations
APPROVED

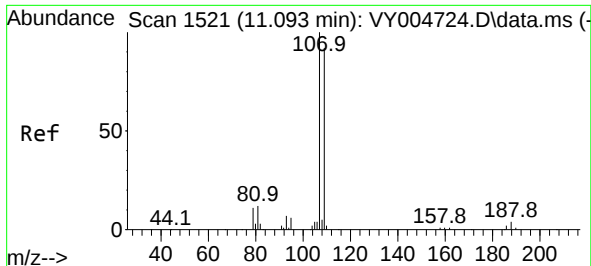
MMDadoda
5/12/2021 10:42:59 AM



#60
Dibromochloromethane
Concen: 2.18 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.012 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

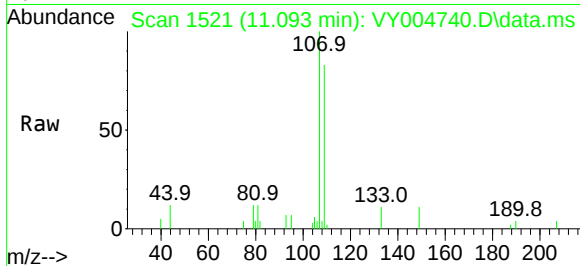
Tgt Ion: 129 Resp: 4712
Ion Ratio Lower Upper
129 100
127 82.9 39.4 118.1





#61
1,2-Dibromoethane
Concen: 2.34 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

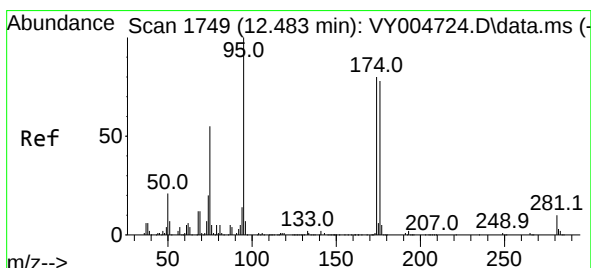
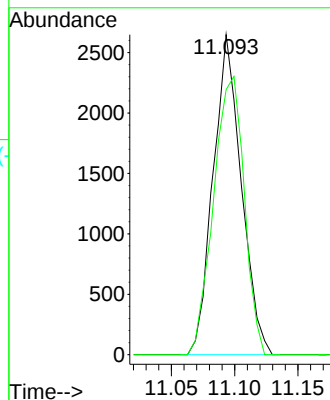
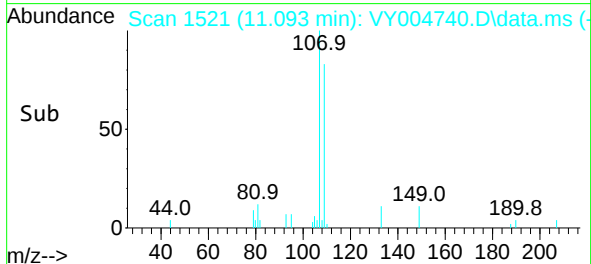
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



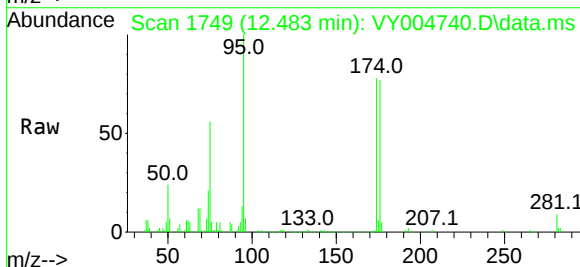
Tgt Ion:107 Resp: 4096
Ion Ratio Lower Upper
107 100
109 94.5 73.8 110.6

Manual Integrations
APPROVED

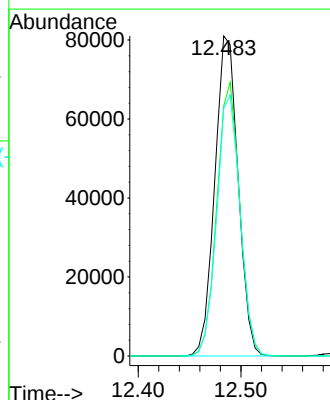
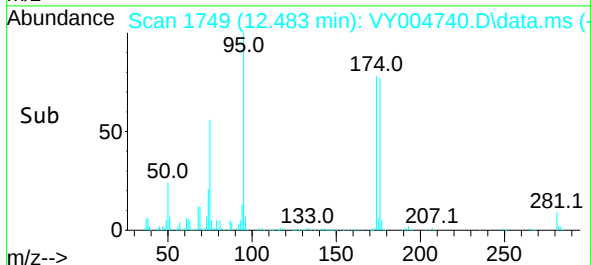
MMDadoda
5/12/2021 10:42:59 AM

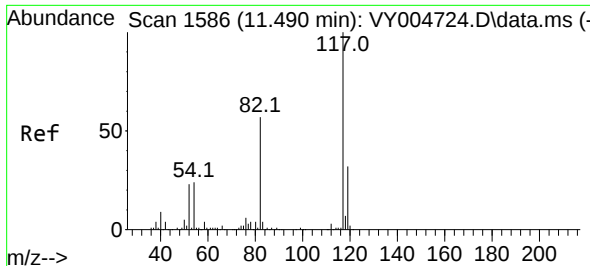


#62
4-Bromofluorobenzene
Concen: 48.79 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



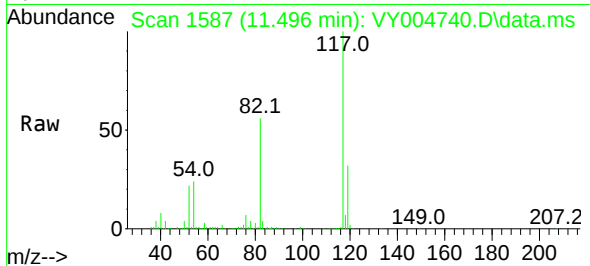
Tgt Ion: 95 Resp: 127333
Ion Ratio Lower Upper
95 100
174 84.1 0.0 164.2
176 81.5 0.0 159.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

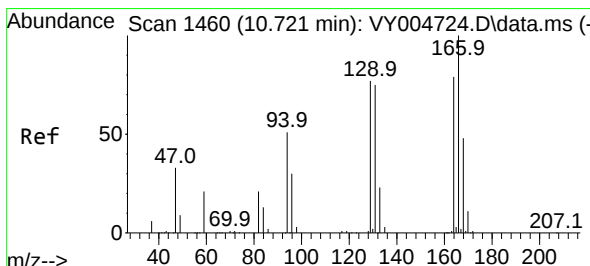
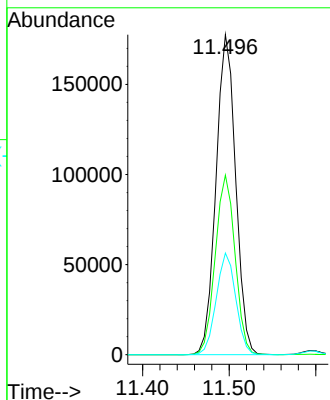
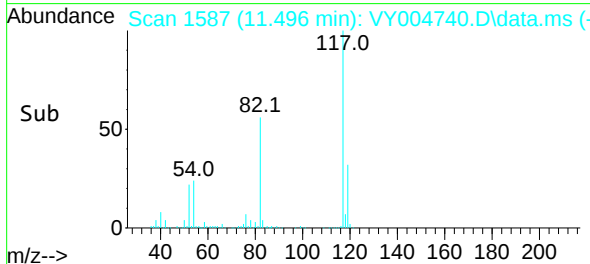
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



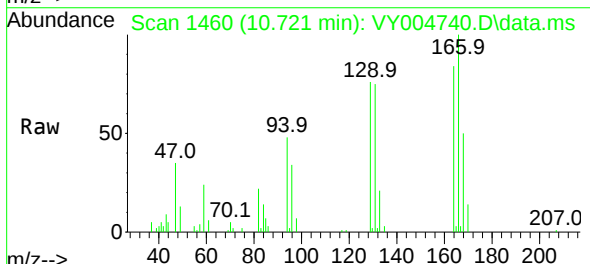
Tgt Ion:117 Resp: 279935
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 31.8 25.8 38.6

Manual Integrations
APPROVED

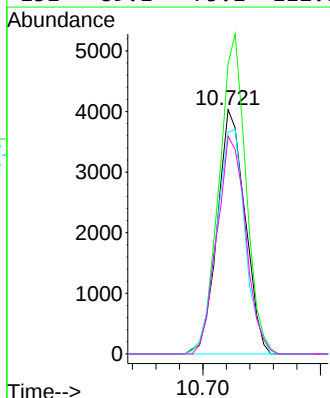
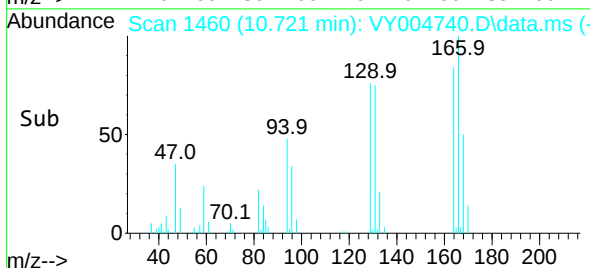
MMDadoda
5/12/2021 10:42:59 AM

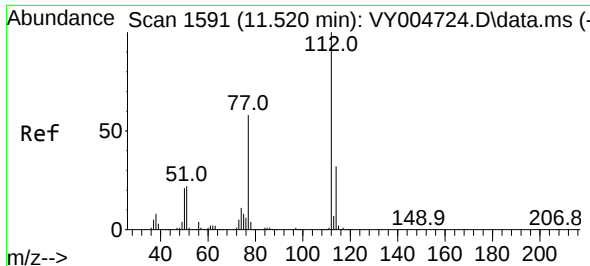


#64
Tetrachloroethene
Concen: 2.61 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



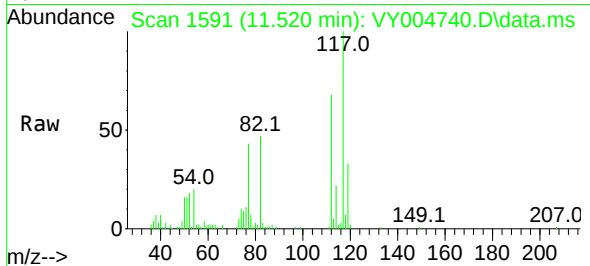
Tgt Ion:164 Resp: 6600
Ion Ratio Lower Upper
164 100
166 118.9 100.8 151.2
129 90.7 77.5 116.3
131 89.1 75.1 112.7





#65
Chlorobenzene
Concen: 2.62 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

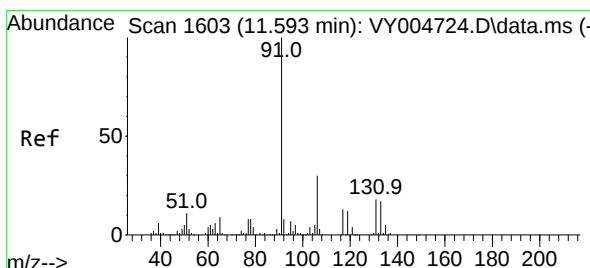
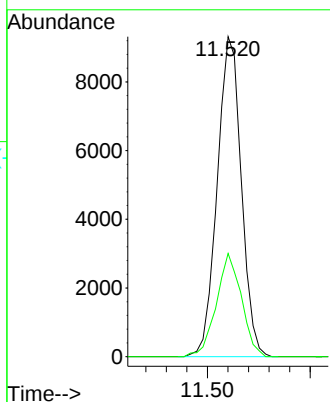
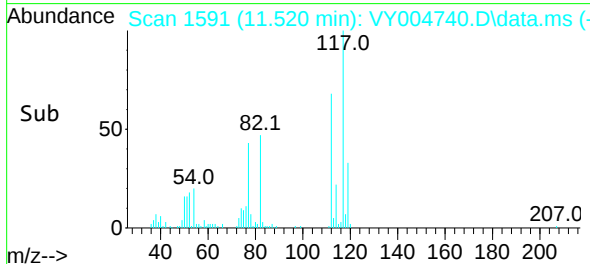
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



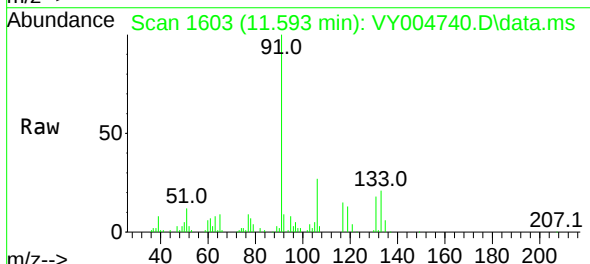
Tgt Ion:112 Resp: 15115
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

Manual Integrations
APPROVED

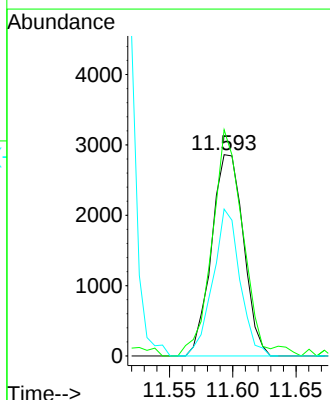
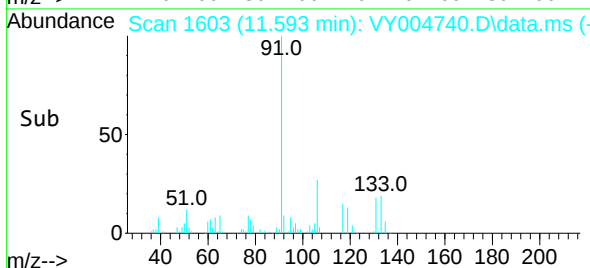
MMDadoda
5/12/2021 10:42:59 AM

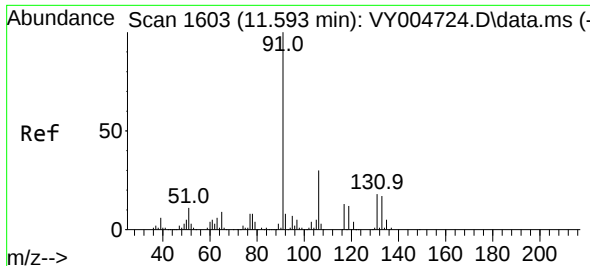


#66
1,1,1,2-Tetrachloroethane
Concen: 2.40 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



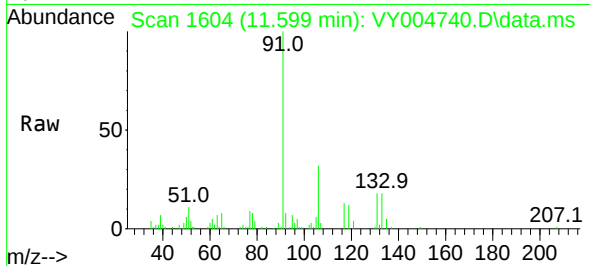
Tgt Ion:131 Resp: 5029
Ion Ratio Lower Upper
131 100
133 108.6 47.9 143.7
119 61.8 32.8 98.4





#67
Ethyl Benzene
Concen: 2.43 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

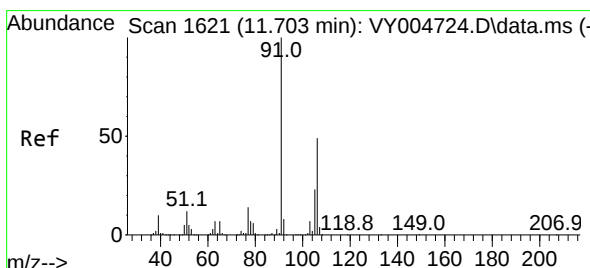
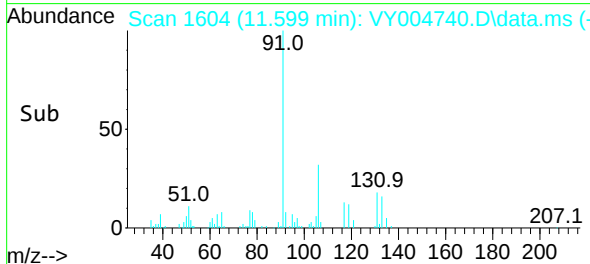
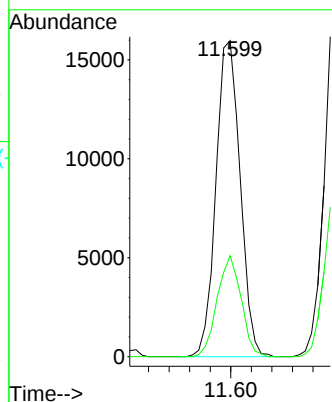
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 91 Resp: 26041
Ion Ratio Lower Upper
91 100
106 31.9 24.0 36.0

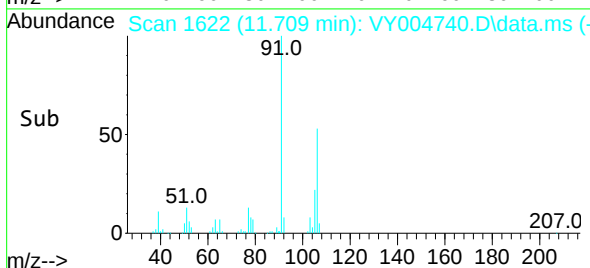
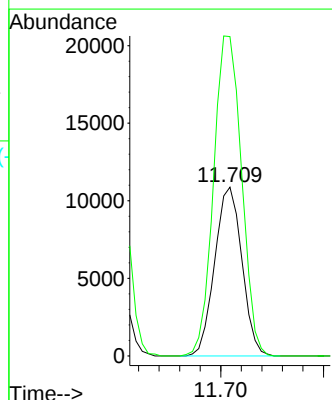
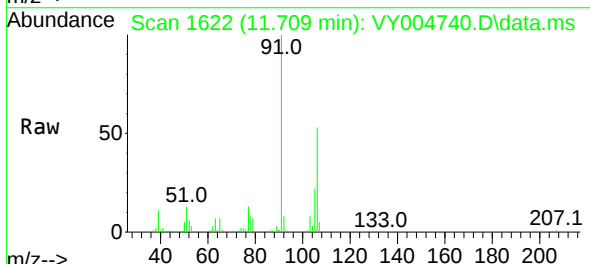
Manual Integrations
APPROVED

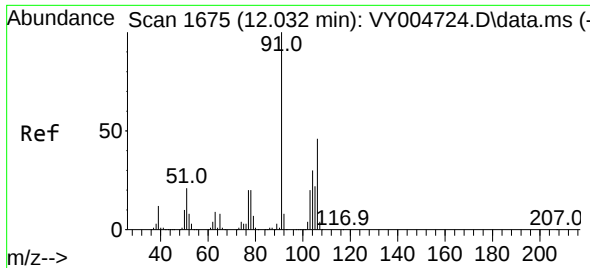
MMDadoda
5/12/2021 10:42:59 AM



#68
m/p-Xylenes
Concen: 4.97 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

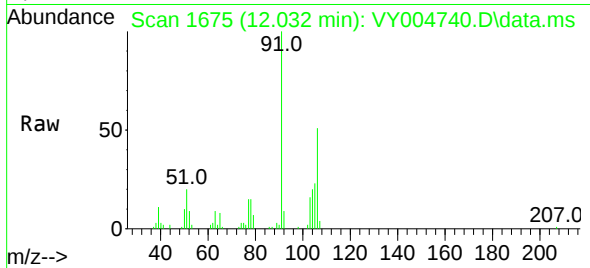
Tgt Ion: 106 Resp: 19977
Ion Ratio Lower Upper
106 100
91 195.2 163.6 245.4





#69
o-Xylene
Concen: 2.49 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

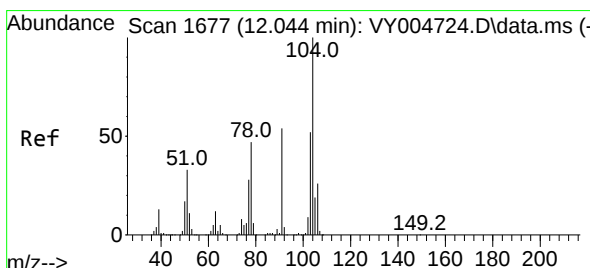
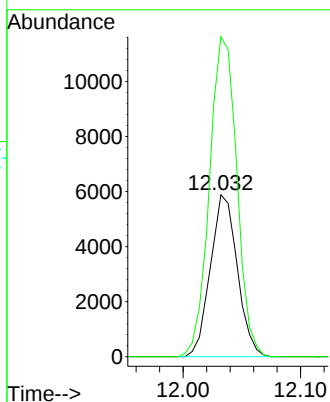
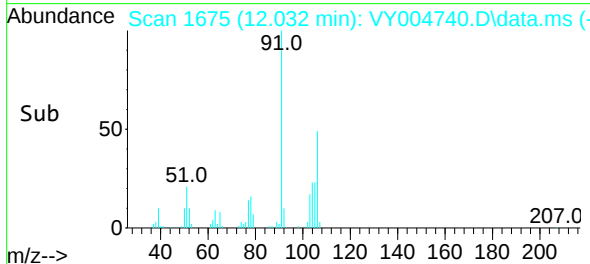
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



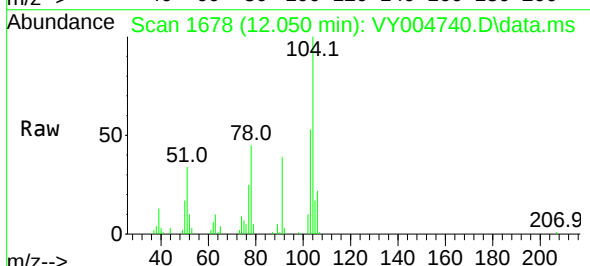
Tgt Ion:106 Resp: 9369
Ion Ratio Lower Upper
106 100
91 201.1 108.9 326.7

Manual Integrations
APPROVED

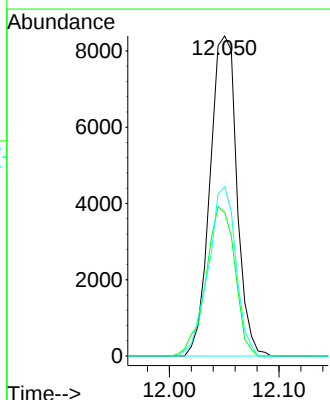
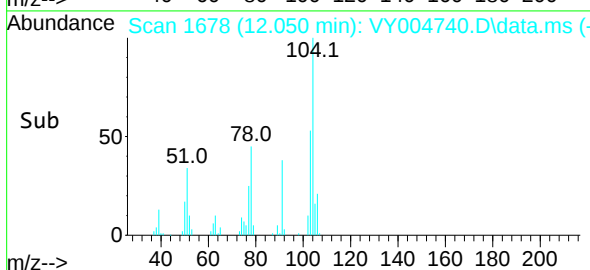
MMDadoda
5/12/2021 10:42:59 AM

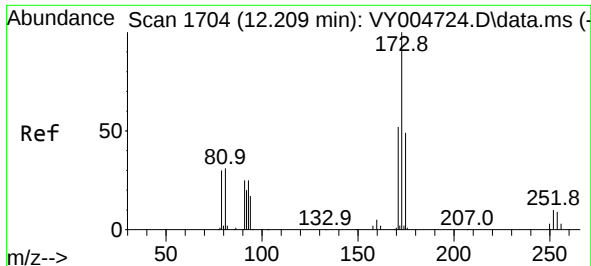


#70
Styrene
Concen: 2.26 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

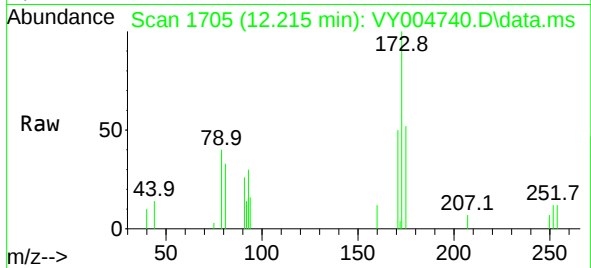


Tgt Ion:104 Resp: 14253
Ion Ratio Lower Upper
104 100
78 50.4 40.3 60.5
103 54.5 44.2 66.4

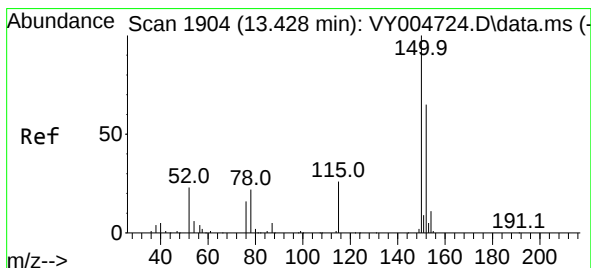
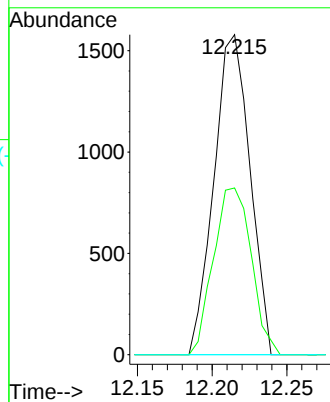
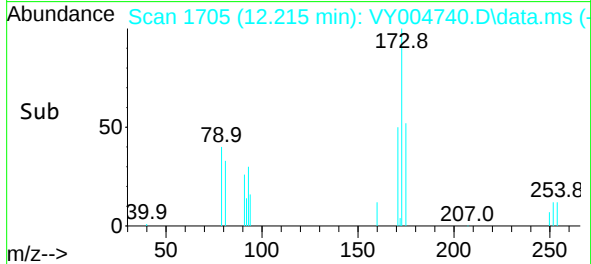




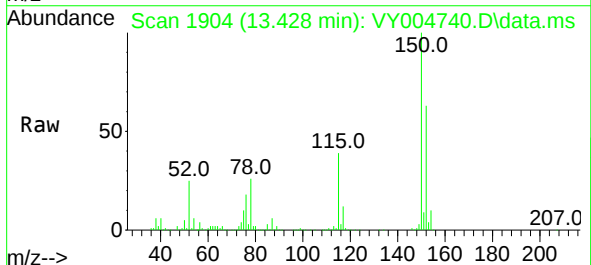
#71
Bromoform
Concen: 2.08 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



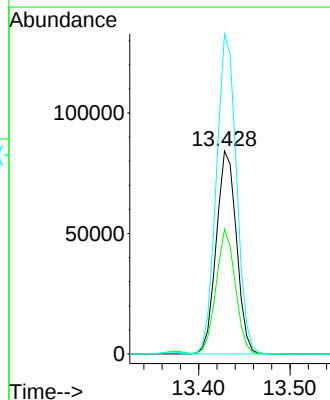
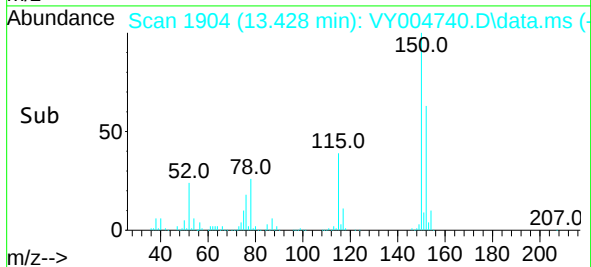
Tgt Ion:173 Resp: 2645
Ion Ratio Lower Upper
173 100
175 54.7 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



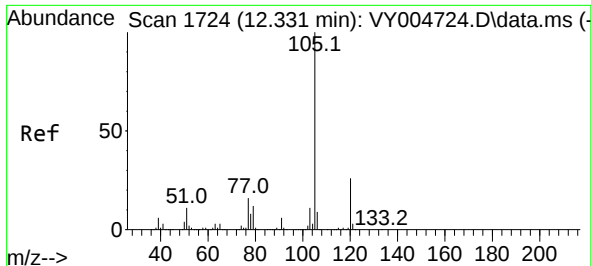
Tgt Ion:152 Resp: 129360
Ion Ratio Lower Upper
152 100
115 58.6 29.4 88.3
150 157.3 0.0 349.8



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/12/2021 10:42:59 AM



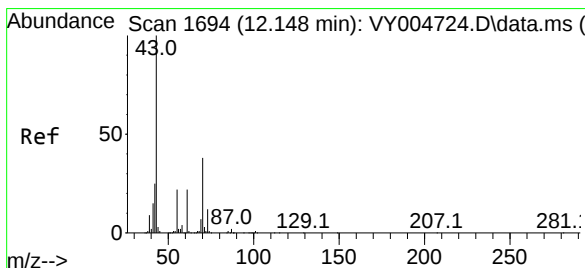
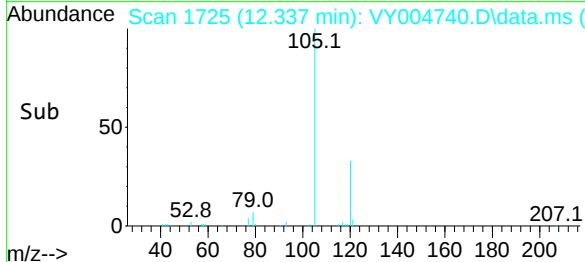
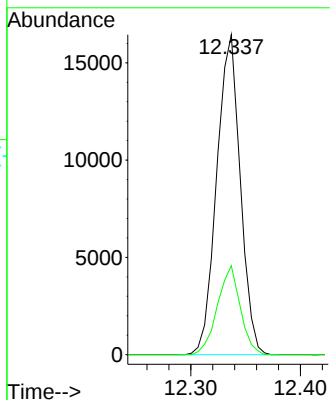
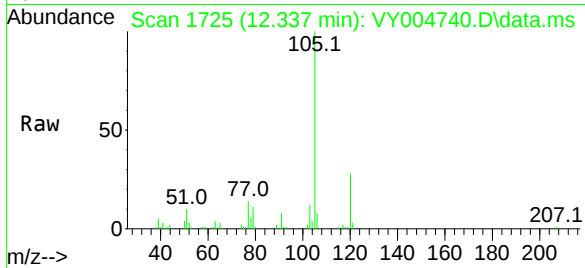
#73
Isopropylbenzene
Concen: 2.52 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion: 105 Resp: 24564
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

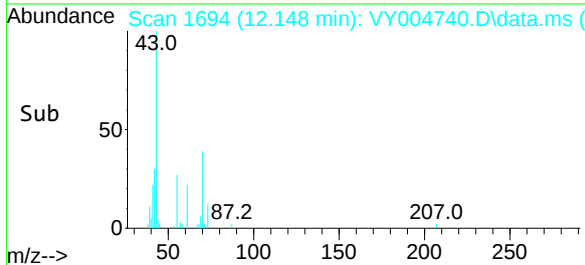
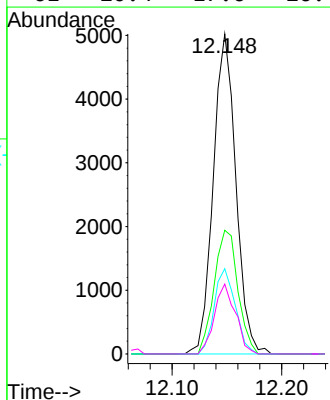
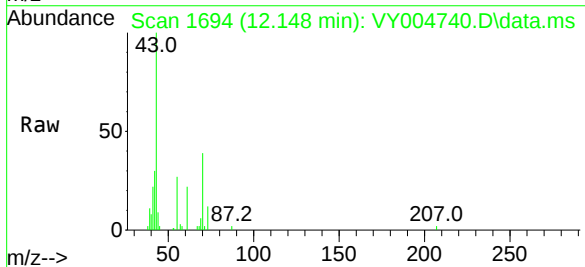
Manual Integrations
APPROVED

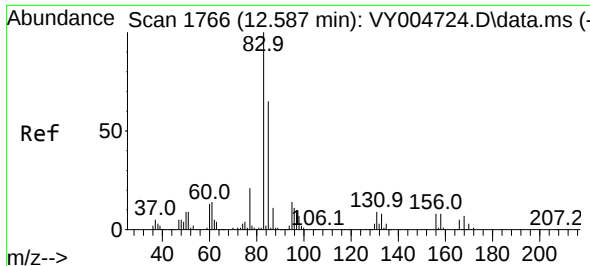
MMDadoda
5/12/2021 10:42:59 AM



#74
N-ethyl acetate
Concen: 2.09 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

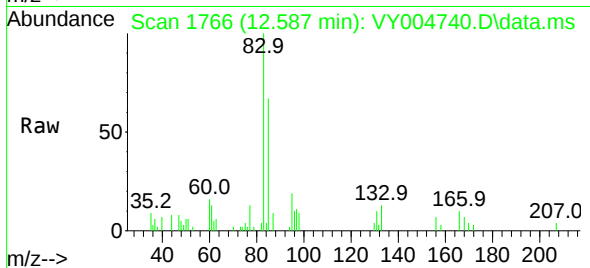
Tgt Ion: 43 Resp: 7199
Ion Ratio Lower Upper
43 100
70 40.4 30.2 45.2
55 24.9 17.8 26.8
61 20.4 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 2.65 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

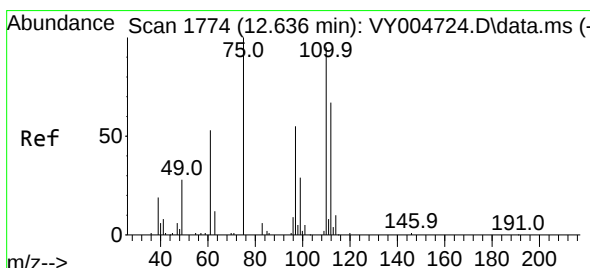
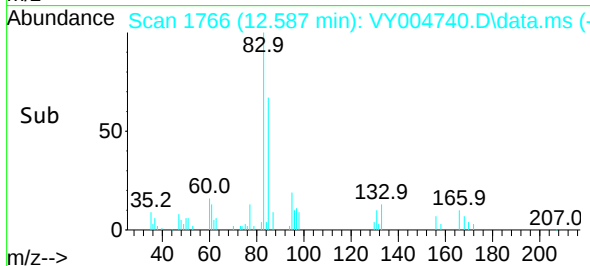
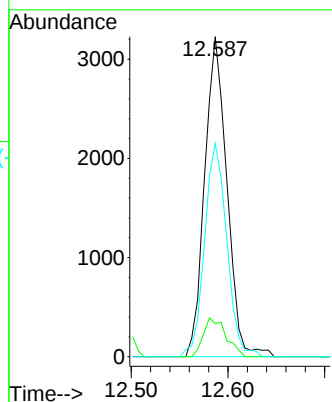
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.3	5.0	14.9
85	66.6	32.1	96.5

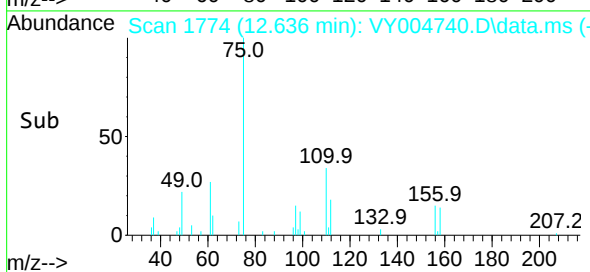
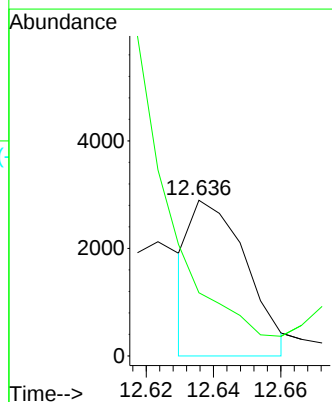
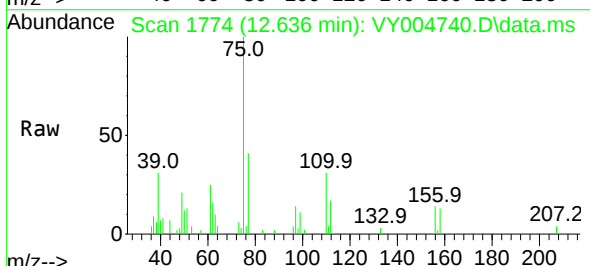
Manual Integrations
APPROVED

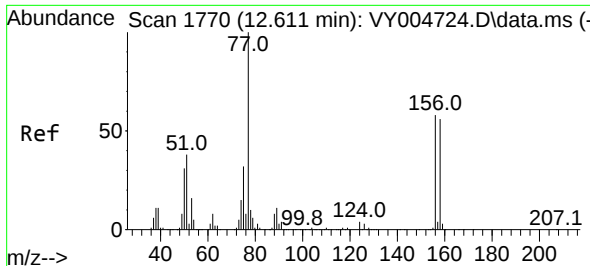
MMDadoda
5/12/2021 10:42:59 AM



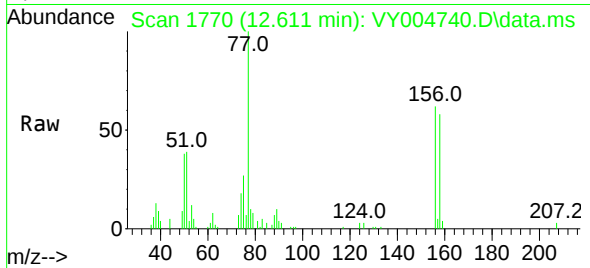
#76
1,2,3-Trichloropropane
Concen: 2.43 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

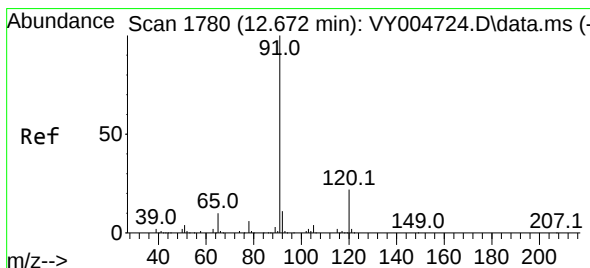
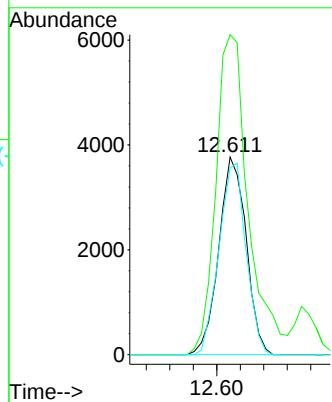
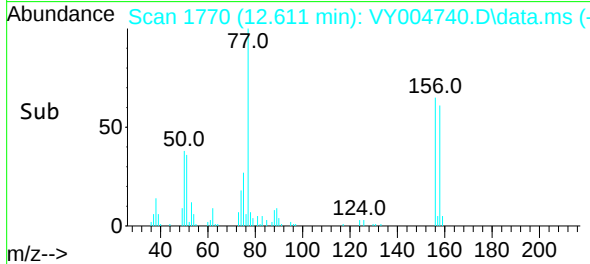




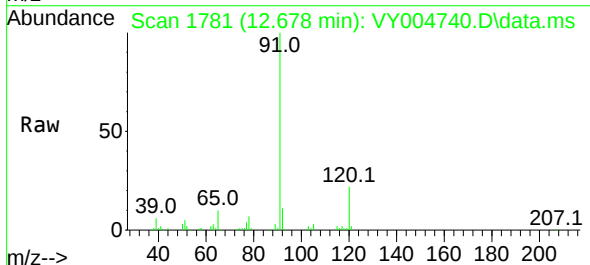
#77
Bromobenzene
Concen: 2.77 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



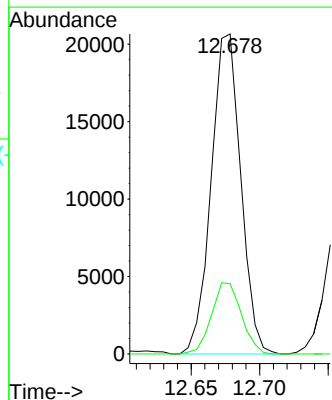
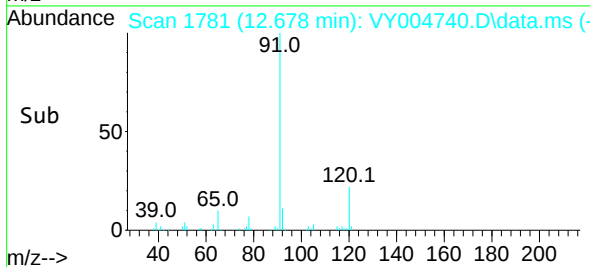
Tgt Ion: 156 Resp: 6110
Ion Ratio Lower Upper
156 100
77 191.5 100.6 301.9
158 95.9 48.8 146.3



#78
n-propylbenzene
Concen: 2.60 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



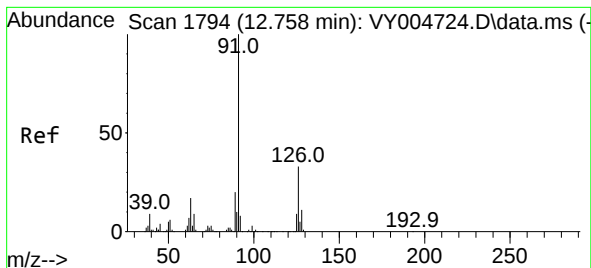
Tgt Ion: 91 Resp: 31012
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.3



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/12/2021 10:42:59 AM



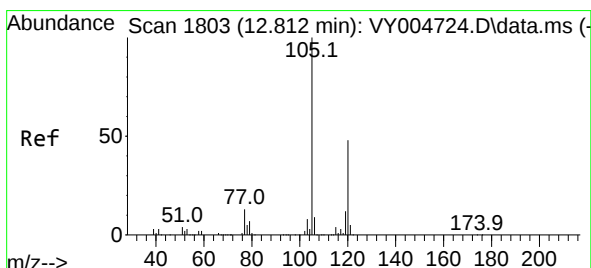
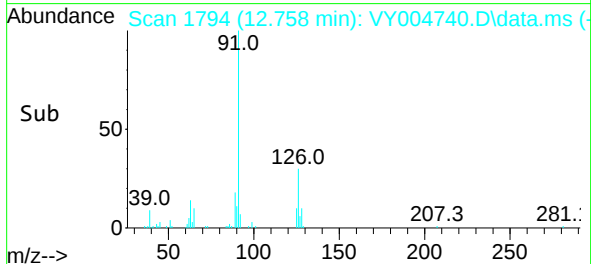
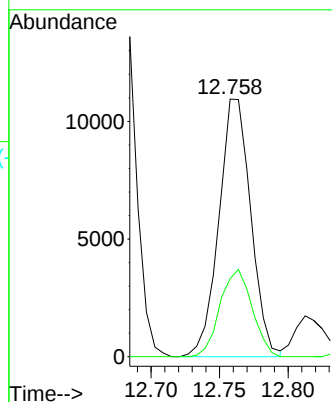
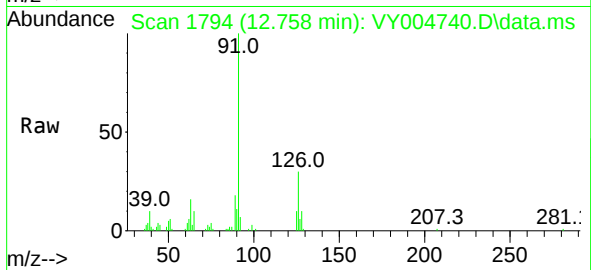
#79
2-Chlorotoluene
Concen: 2.73 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

Tgt Ion: 91 Resp: 17808
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.3

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

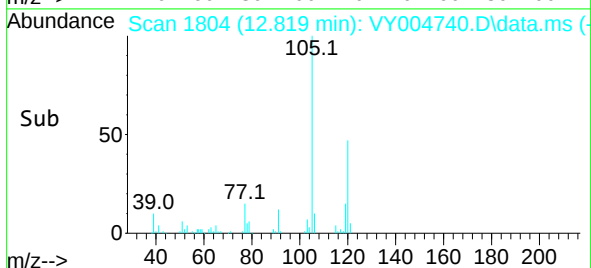
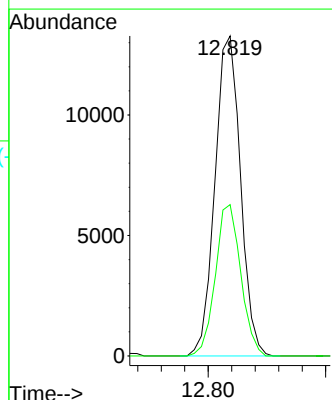
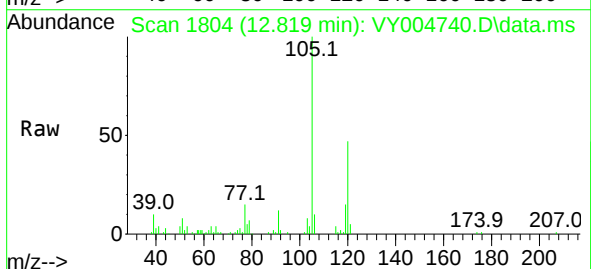
Manual Integrations
APPROVED

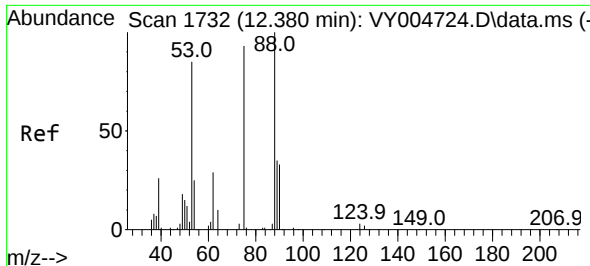
MMDadoda
5/12/2021 10:42:59 AM



#80
1,3,5-Trimethylbenzene
Concen: 2.47 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

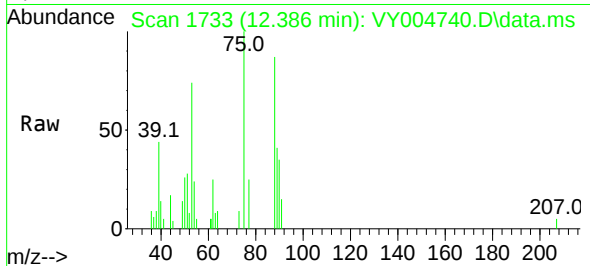
Tgt Ion: 105 Resp: 20046
Ion Ratio Lower Upper
105 100
120 47.0 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 2.66 ug/l m
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

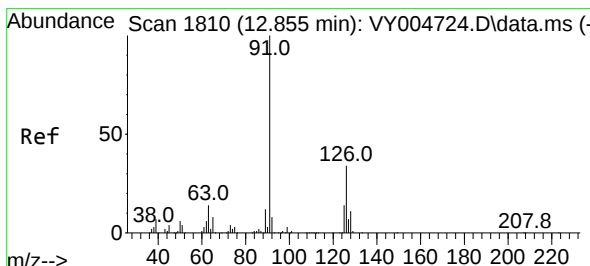
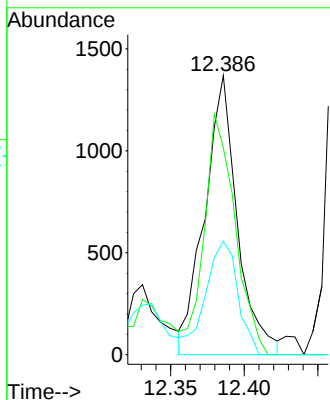
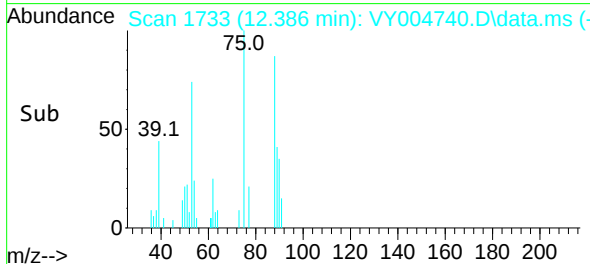
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



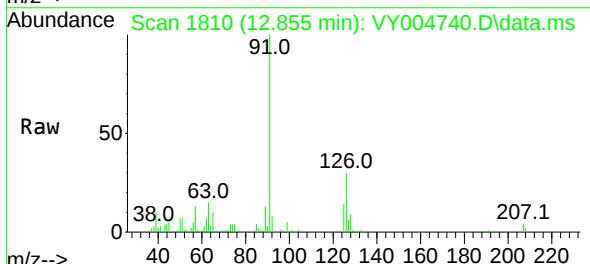
Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	8.7	35.5	53.3#

Manual Integrations
APPROVED

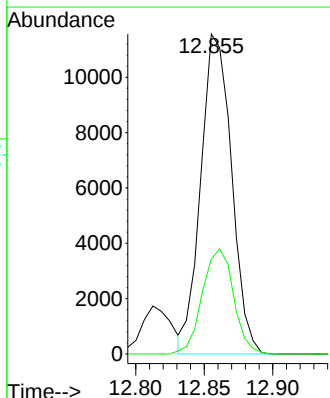
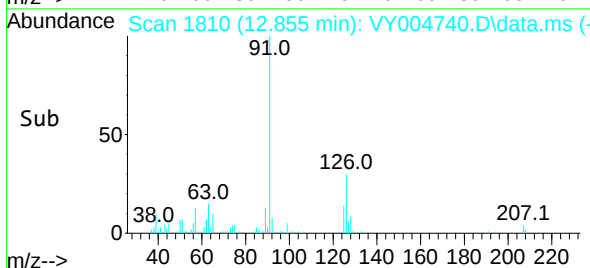
MMDadoda
5/12/2021 10:42:59 AM

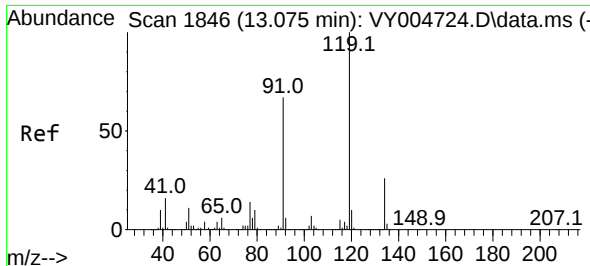


#82
4-Chlorotoluene
Concen: 2.66 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



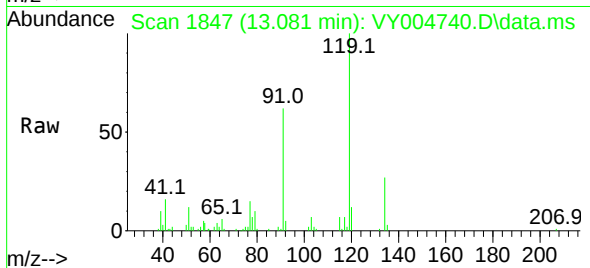
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.8	50.3





#83
tert-Butylbenzene
Concen: 2.58 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

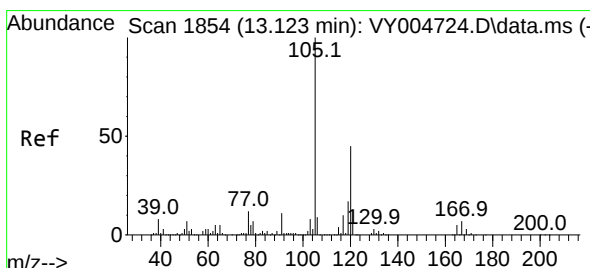
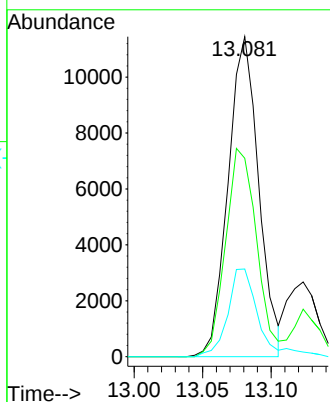
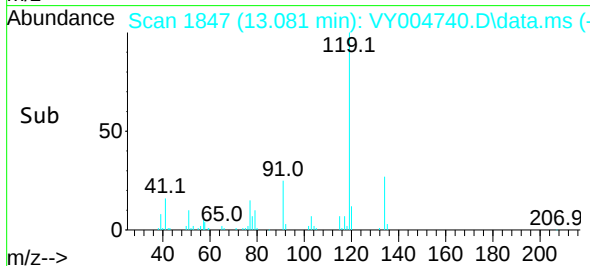
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



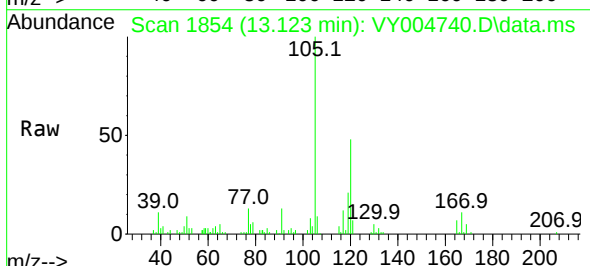
Tgt Ion:119 Resp: 17825
Ion Ratio Lower Upper
119 100
91 65.8 32.3 96.8
134 27.5 12.9 38.7

Manual Integrations
APPROVED

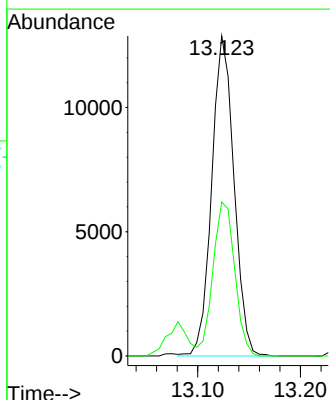
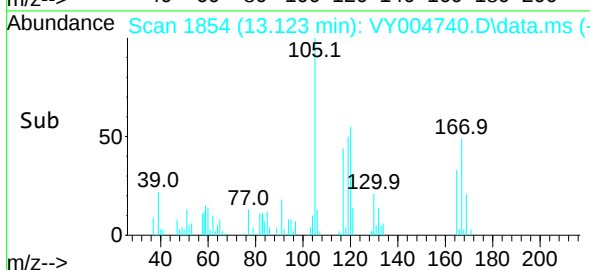
MMDadoda
5/12/2021 10:42:59 AM

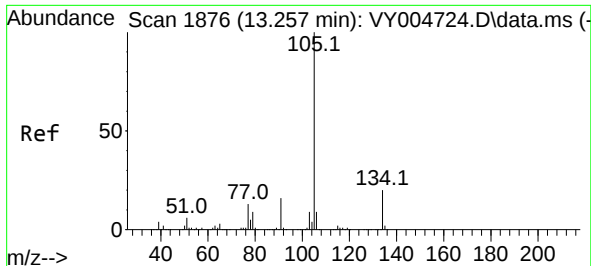


#84
1,2,4-Trimethylbenzene
Concen: 2.38 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



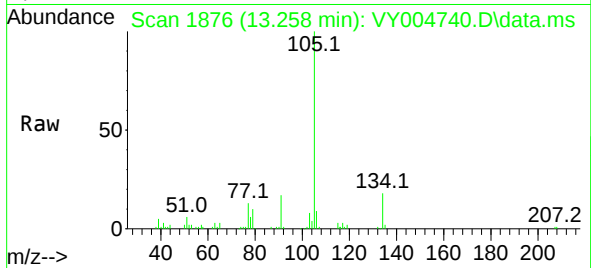
Tgt Ion:105 Resp: 19340
Ion Ratio Lower Upper
105 100
120 47.1 22.5 67.5





#85
sec-Butylbenzene
Concen: 2.63 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

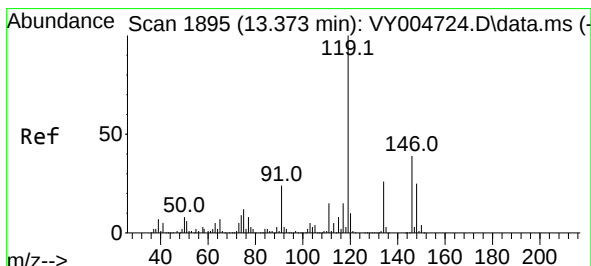
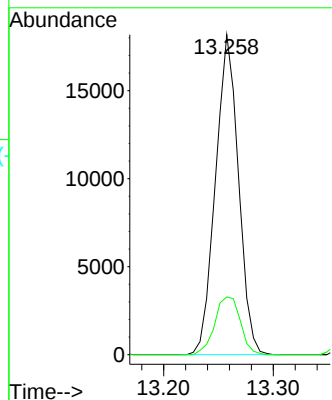
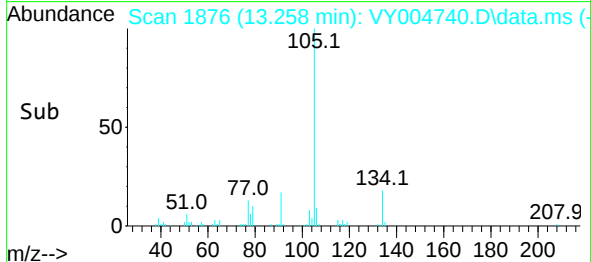
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



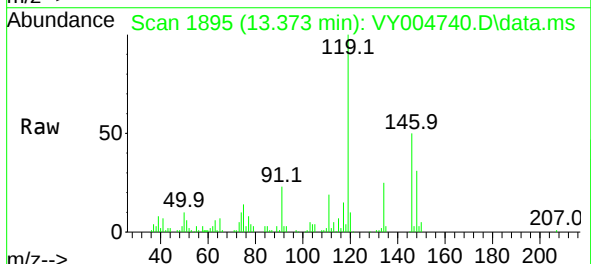
Tgt Ion:105 Resp: 26487
Ion Ratio Lower Upper
105 100
134 20.1 10.0 29.8

Manual Integrations
APPROVED

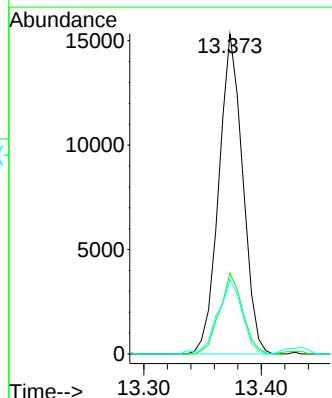
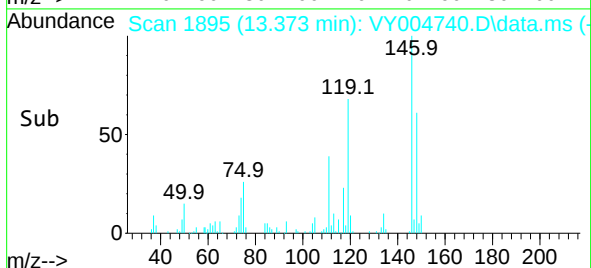
MMDadoda
5/12/2021 10:42:59 AM

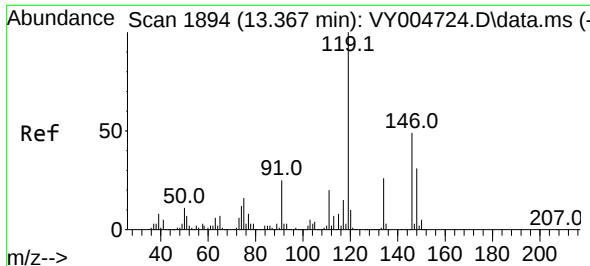


#86
p-Isopropyltoluene
Concen: 2.48 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



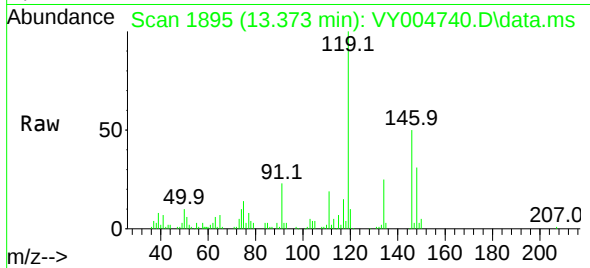
Tgt Ion:119 Resp: 21619
Ion Ratio Lower Upper
119 100
134 24.4 12.9 38.7
91 23.8 12.0 36.1





#87
1,3-Dichlorobenzene
Concen: 2.69 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

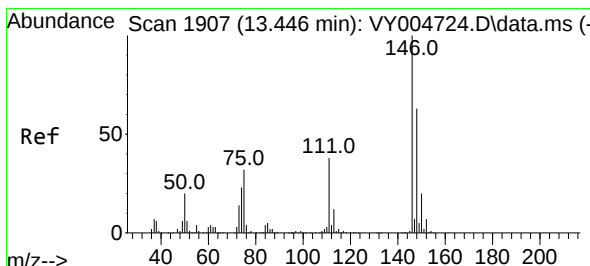
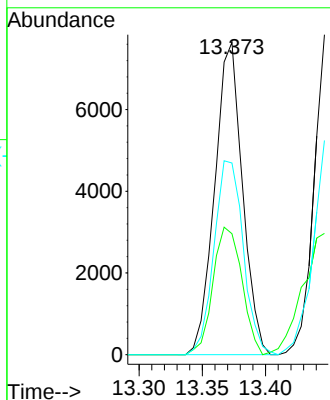
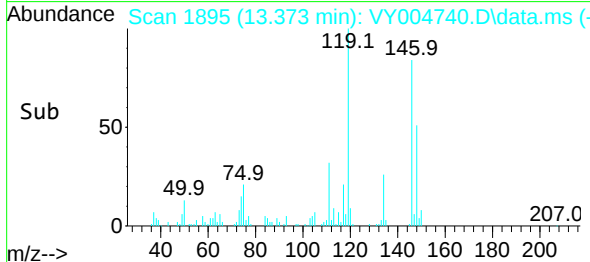
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



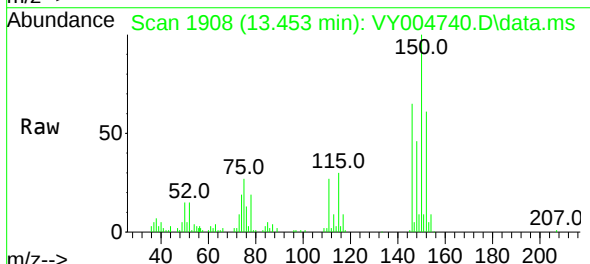
Tgt Ion:146 Resp: 11637
Ion Ratio Lower Upper
146 100
111 42.6 20.3 60.9
148 65.6 31.9 95.7

Manual Integrations
APPROVED

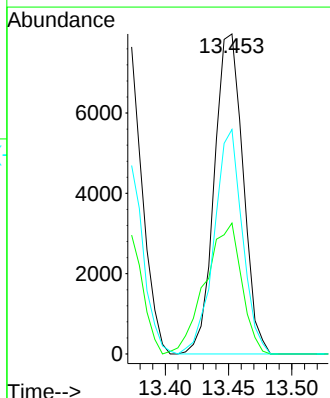
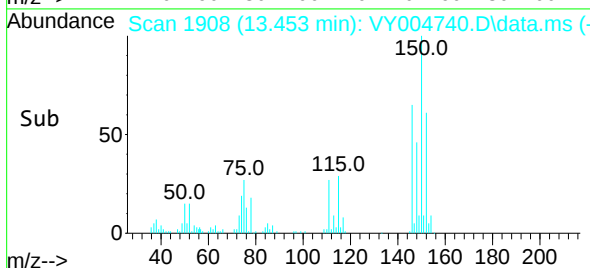
MMDadoda
5/12/2021 10:42:59 AM

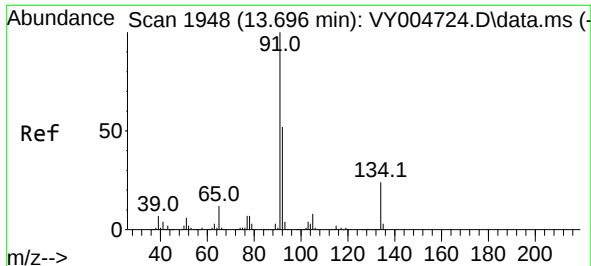


#88
1,4-Dichlorobenzene
Concen: 2.95 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

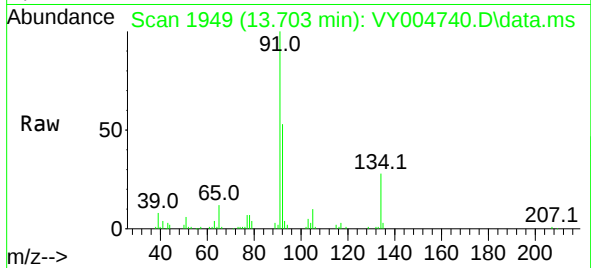


Tgt Ion:146 Resp: 12569
Ion Ratio Lower Upper
146 100
111 51.7 19.6 58.8
148 69.2 31.9 95.5

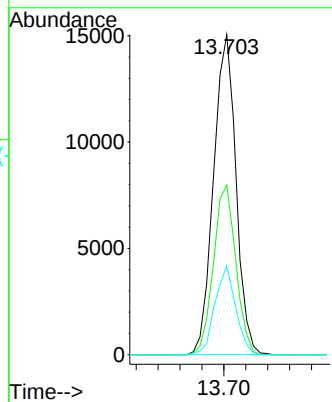
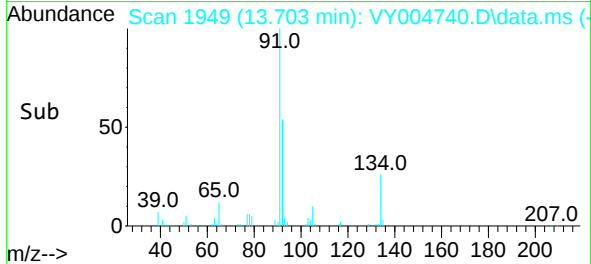




#89
n-Butylbenzene
Concen: 2.51 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



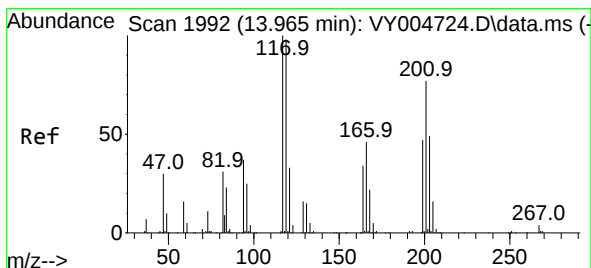
Tgt Ion: 91 Resp: 21379
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 25.8 12.6 37.6



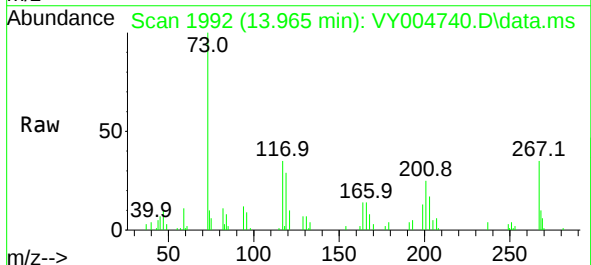
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

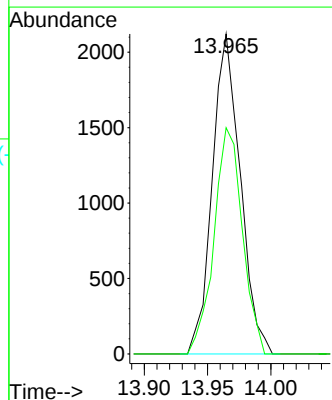
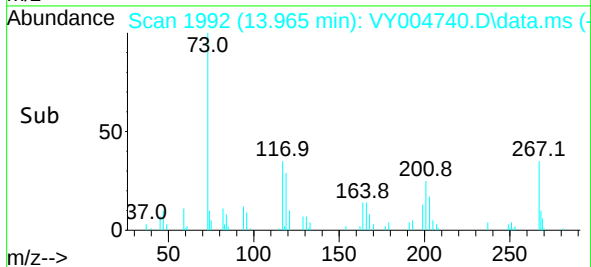
MMDadoda
5/12/2021 10:42:59 AM

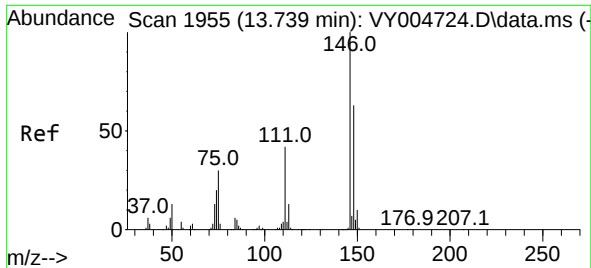


#90
Hexachloroethane
Concen: 2.65 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

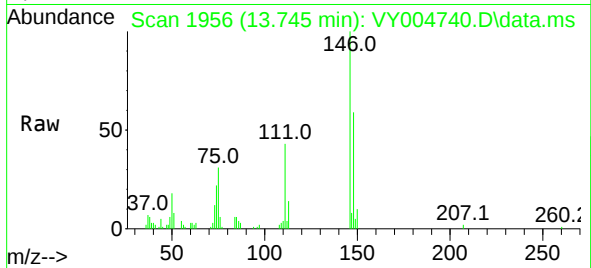


Tgt Ion: 117 Resp: 3260
Ion Ratio Lower Upper
117 100
201 71.6 35.9 107.8

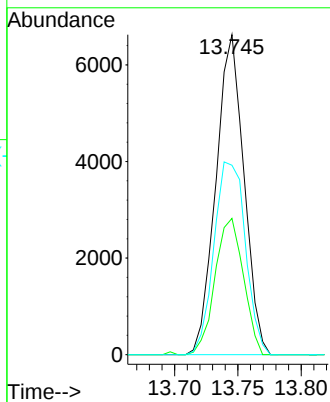
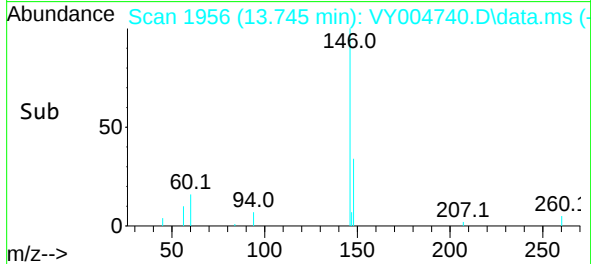




#91
1,2-Dichlorobenzene
Concen: 2.68 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



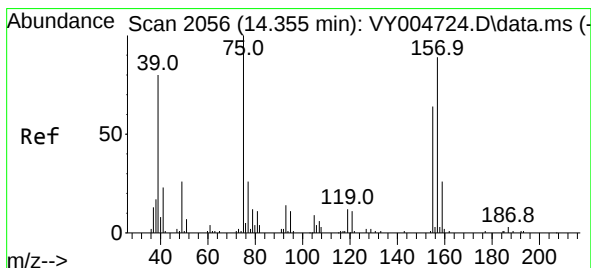
Tgt Ion: 146 Resp: 10217
Ion Ratio Lower Upper
146 100
111 43.1 20.9 62.7
148 67.6 31.8 95.3



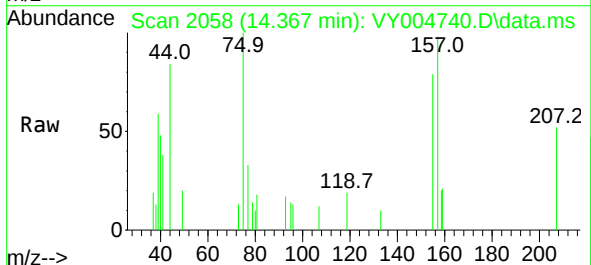
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

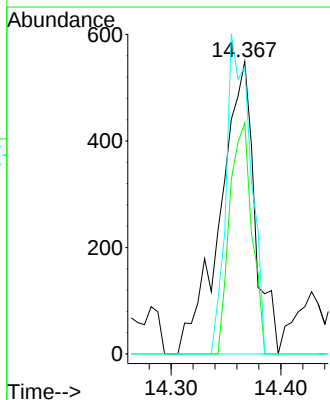
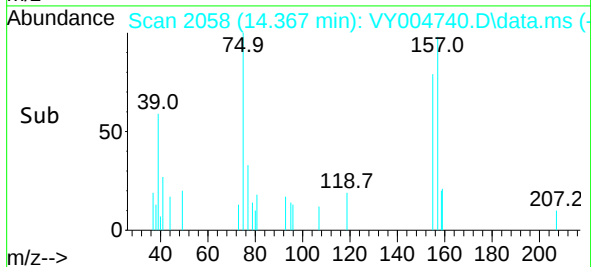
MMDadoda
5/12/2021 10:42:59 AM

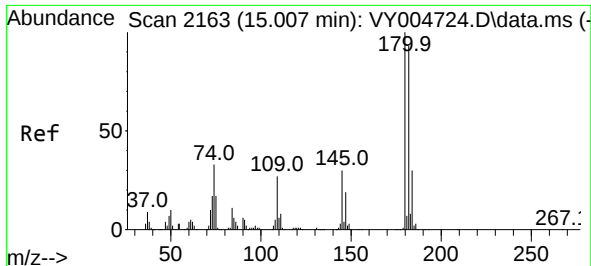


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.31 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.012 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



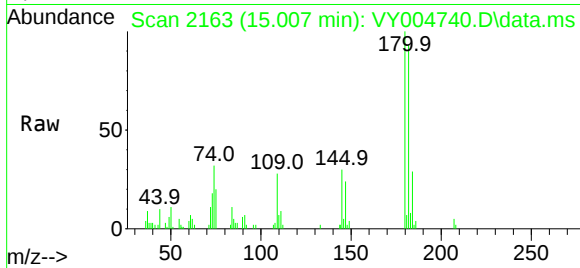
Tgt Ion: 75 Resp: 1203
Ion Ratio Lower Upper
75 100
155 50.9 39.0 117.0
157 77.3 50.2 150.7





#93
1,2,4-Trichlorobenzene
Concen: 2.76 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

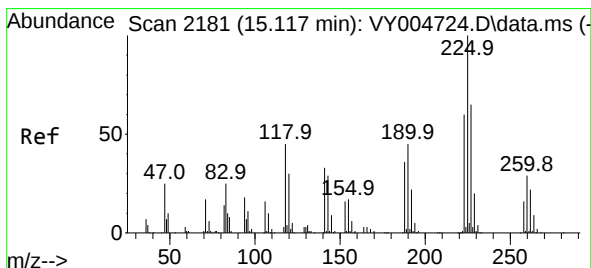
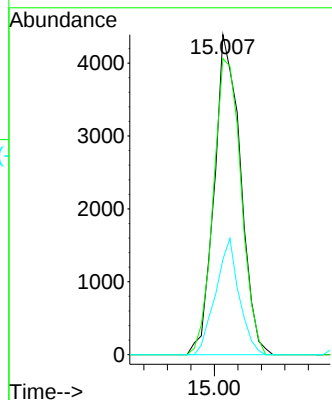
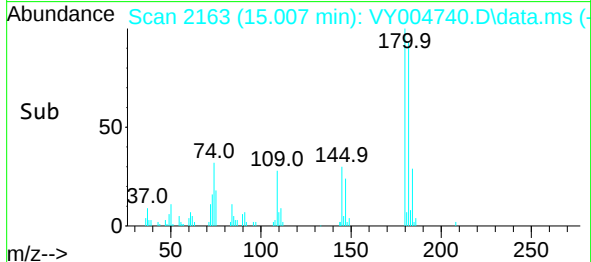
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



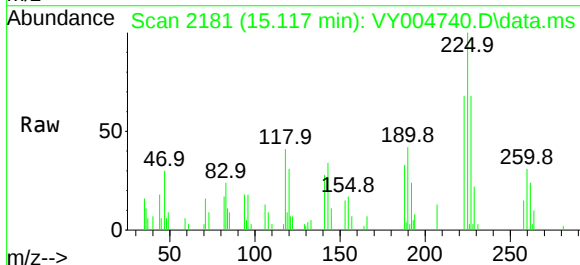
Tgt Ion:180 Resp: 6785
Ion Ratio Lower Upper
180 100
182 97.8 46.9 140.8
145 32.5 15.4 46.4

Manual Integrations
APPROVED

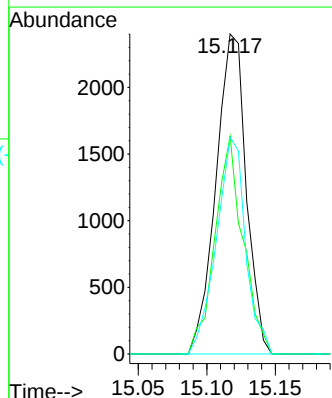
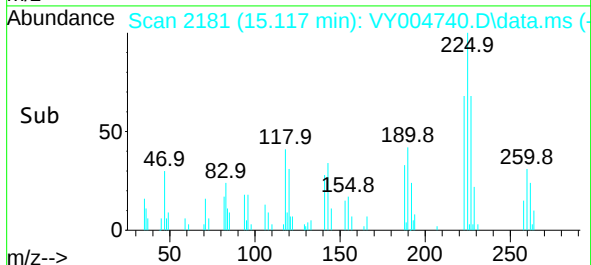
MMDadoda
5/12/2021 10:42:59 AM

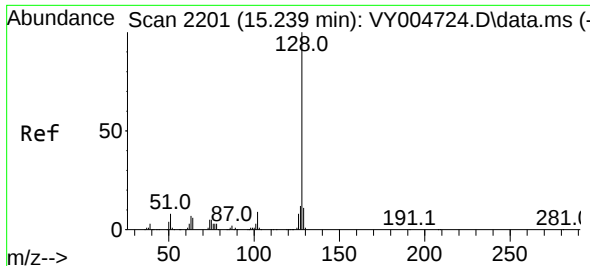


#94
Hexachlorobutadiene
Concen: 2.78 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



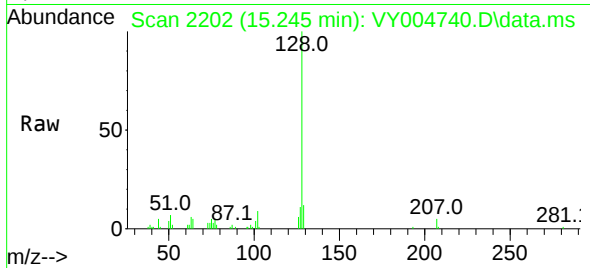
Tgt Ion:225 Resp: 3692
Ion Ratio Lower Upper
225 100
223 63.1 31.1 93.3
227 65.3 31.3 93.9





#95
Naphthalene
Concen: 2.73 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30

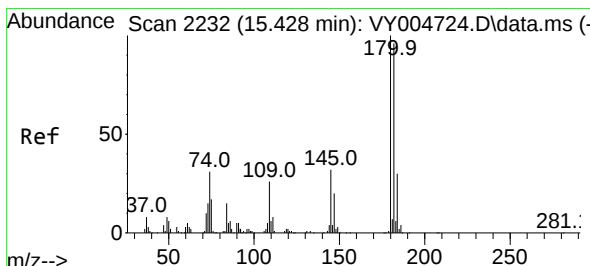
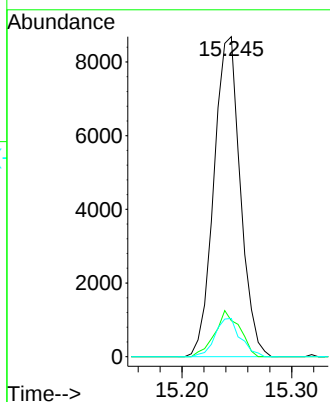
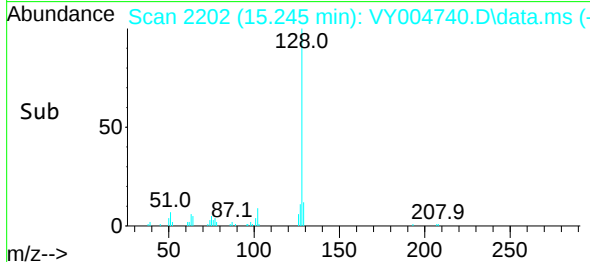
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



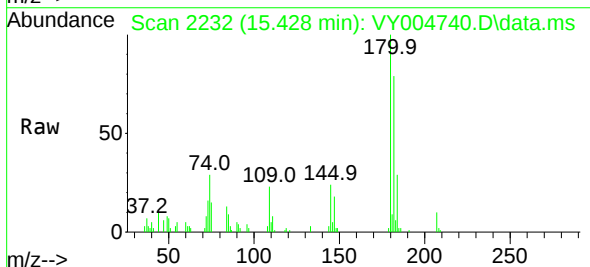
Tgt Ion:128 Resp: 14535
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 11.5 8.6 13.0

Manual Integrations
APPROVED

MMDadoda
5/12/2021 10:42:59 AM



#96
1,2,3-Trichlorobenzene
Concen: 3.13 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY004740.D
Acq: 11 May 2021 12:30



Tgt Ion:180 Resp: 6809
Ion Ratio Lower Upper
180 100
182 86.1 47.9 143.7
145 27.7 16.3 48.8

