

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080221\
 Data File : VY005523.D
 Acq On : 02 Aug 2021 15:57
 Operator : SY/MD
 Sample : M2940-03 2.5PPBMDL
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 8/3/2021 4:50:46 PM

Quant Time: Aug 03 07:00:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 07:00:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	288762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	440192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	396510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	153721	52.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.180%
35) Dibromofluoromethane	7.728	113	124808	50.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.280%
50) Toluene-d8	10.185	98	515350	49.859	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.720%
62) 4-Bromofluorobenzene	12.483	95	170456	49.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	5891	2.484	ug/l	92
3) Chloromethane	2.119	50	7544	2.663	ug/l	95
4) Vinyl Chloride	2.253	62	8386	2.471	ug/l	97
5) Bromomethane	2.656	94	6652	2.978	ug/l	91
6) Chloroethane	2.802	64	6282	3.067	ug/l	97
7) Trichlorofluoromethane	3.131	101	10968	2.414	ug/l	98
8) Diethyl Ether	3.533	74	3977	2.506	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	5994	2.432	ug/l	97
10) Methyl Iodide	4.100	142	7356	2.396	ug/l	95
11) Tert butyl alcohol	4.954	59	6228	21.553	ug/l #	81
12) 1,1-Dichloroethene	3.887	96	6018	2.418	ug/l	93
13) Acrolein	3.735	56	2088	11.977	ug/l	92
14) Allyl chloride	4.484	41	10430	2.393	ug/l	100
15) Acrylonitrile	5.180	53	9683	11.907	ug/l #	86
16) Acetone	3.954	43	8314	11.282	ug/l	97
17) Carbon Disulfide	4.204	76	19699	2.568	ug/l	98
18) Methyl Acetate	4.491	43	5246	2.722	ug/l	96
19) Methyl tert-butyl Ether	5.240	73	18191	2.360	ug/l	97
20) Methylene Chloride	4.728	84	34127	9.221	ug/l	92
21) trans-1,2-Dichloroethene	5.234	96	7175	2.579	ug/l	90
22) Diisopropyl ether	6.131	45	21687	2.412	ug/l #	95
23) Vinyl Acetate	6.070	43	65342	10.919	ug/l	99
24) 1,1-Dichloroethane	6.027	63	12276	2.463	ug/l #	92
25) 2-Butanone	7.002	43	11438	10.500	ug/l	96
26) 2,2-Dichloropropane	6.990	77	10619	2.332	ug/l	78
27) cis-1,2-Dichloroethene	6.996	96	8143	2.573	ug/l	98
28) Bromochloromethane	7.344	49	4922	2.475	ug/l #	92
29) Tetrahydrofuran	7.362	42	8397	11.654	ug/l	96
30) Chloroform	7.514	83	13579	2.670	ug/l	84
31) Cyclohexane	7.795	56	16403	3.272	ug/l #	72
32) 1,1,1-Trichloroethane	7.710	97	11533	2.467	ug/l	99
36) 1,1-Dichloropropene	7.929	75	9903	2.399	ug/l	98
37) Ethyl Acetate	7.082	43	6089	2.434	ug/l	98
38) Carbon Tetrachloride	7.905	117	10597	2.362	ug/l	92
39) Methylcyclohexane	9.185	83	11690	2.226	ug/l	96
40) Benzene	8.167	78	28585	2.418	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080221\
 Data File : VY005523.D
 Acq On : 02 Aug 2021 15:57
 Operator : SY/MD
 Sample : M2940-03 2.5PPBMDL
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Manual Integrations
 APPROVED

MMDadoda
 8/3/2021 4:50:46 PM

Quant Time: Aug 03 07:00:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 07:00:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	3612m	2.662	ug/l	
42) 1,2-Dichloroethane	8.246	62	9327	2.432	ug/l	100
43) Isopropyl Acetate	8.277	43	10293	2.174	ug/l #	88
44) Trichloroethene	8.941	130	8331	2.582	ug/l	97
45) 1,2-Dichloropropane	9.221	63	6989	2.363	ug/l	95
46) Dibromomethane	9.313	93	4088	2.500	ug/l	94
47) Bromodichloromethane	9.502	83	9500	2.321	ug/l	98
48) Methyl methacrylate	9.301	41	4602	2.150	ug/l	96
49) 1,4-Dioxane	9.307	88	948	41.707	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	26159	10.490	ug/l	99
52) Toluene	10.246	92	18324	2.431	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	10179	2.225	ug/l	93
54) cis-1,3-Dichloropropene	9.935	75	11270	2.270	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	5549	2.345	ug/l	94
56) Ethyl methacrylate	10.514	69	7164	2.022	ug/l	97
57) 1,3-Dichloropropane	10.794	76	9562	2.291	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	16189	9.562	ug/l	99
59) 2-Hexanone	10.837	43	16898	9.587	ug/l	97
60) Dibromochloromethane	10.983	129	6317	2.157	ug/l	98
61) 1,2-Dibromoethane	11.093	107	4986	2.224	ug/l	98
64) Tetrachloroethene	10.721	164	7517	2.491	ug/l	92
65) Chlorobenzene	11.520	112	19451	2.438	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	6964	2.319	ug/l	96
67) Ethyl Benzene	11.593	91	33413	2.309	ug/l	98
68) m/p-Xylenes	11.709	106	25566	4.549	ug/l	100
69) o-Xylene	12.032	106	12209	2.260	ug/l	95
70) Styrene	12.050	104	20246	2.227	ug/l	99
71) Bromoform	12.209	173	4412	2.265	ug/l #	94
73) Isopropylbenzene	12.331	105	32172	2.306	ug/l	99
74) N-amyl acetate	12.148	43	8406	2.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	6162	2.296	ug/l	98
76) 1,2,3-Trichloropropane	12.635	75	5455m	2.634	ug/l	
77) Bromobenzene	12.611	156	8301	2.422	ug/l	94
78) n-propylbenzene	12.672	91	39772	2.400	ug/l	100
79) 2-Chlorotoluene	12.757	91	22731	2.443	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	27501	2.375	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	2222m	2.163	ug/l	
82) 4-Chlorotoluene	12.855	91	23863	2.479	ug/l	99
83) tert-Butylbenzene	13.074	119	24192	2.329	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	26837	2.349	ug/l	99
85) sec-Butylbenzene	13.257	105	34448	2.299	ug/l	100
86) p-Isopropyltoluene	13.373	119	29690	2.308	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	16908	2.528	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	16656	2.510	ug/l	84
89) n-Butylbenzene	13.696	91	28230	2.422	ug/l	99
90) Hexachloroethane	13.958	117	5901	2.551	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	14548	2.463	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1389	2.731	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	10868	2.678	ug/l	99
94) Hexachlorobutadiene	15.117	225	6902	2.627	ug/l	98
95) Naphthalene	15.239	128	20913	2.614	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	10183	2.832	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080221\
Data File : VY005523.D
Acq On : 02 Aug 2021 15:57
Operator : SY/MD
Sample : M2940-03 2.5PPBMDL
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
8/3/2021 4:50:46 PM

Quant Time: Aug 03 07:00:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 07:00:40 2021
Response via : Initial Calibration

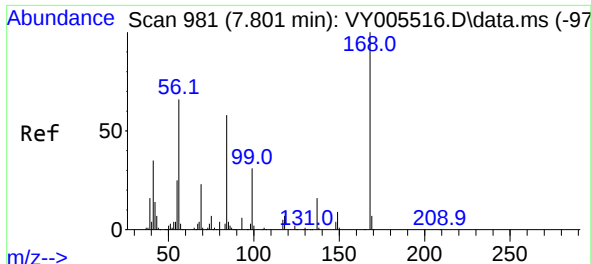
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

MMDadoda
8/3/2021 4:50:46 PM

Chromatogram Data (Approximate Peak Retention Times and Labels):

Retention Time (min)	Chemical Label
2.00	Dichlorodifluoromethane, T
2.50	Chloromethane, P
2.80	Vinyl Chloride, C
3.00	Bromomethane, T
3.20	Chloroethane, T
3.50	Trichlorofluoromethane, T
3.80	Diethyl Ether, T
4.00	Acrolein, T
4.20	Acetone, T
4.50	Acetone, T
4.80	Methyl acetate, T
5.00	Methyl acetate, T
5.20	Methyl acetate, T
5.50	Methyl acetate, T
5.80	Methyl acetate, T
6.00	Methyl acetate, T
6.20	Methyl acetate, T
6.50	Methyl acetate, T
6.80	Methyl acetate, T
7.00	Methyl acetate, T
7.20	Methyl acetate, T
7.50	Methyl acetate, T
7.80	Methyl acetate, T
8.00	Methyl acetate, T
8.20	Methyl acetate, T
8.50	Methyl acetate, T
8.80	Methyl acetate, T
9.00	Methyl acetate, T
9.20	Methyl acetate, T
9.50	Methyl acetate, T
9.80	Methyl acetate, T
10.00	Methyl acetate, T
10.20	Methyl acetate, T
10.50	Methyl acetate, T
10.80	Methyl acetate, T
11.00	Methyl acetate, T
11.20	Methyl acetate, T
11.50	Methyl acetate, T
11.80	Methyl acetate, T
12.00	Methyl acetate, T
12.20	Methyl acetate, T
12.50	Methyl acetate, T
12.80	Methyl acetate, T
13.00	Methyl acetate, T
13.20	Methyl acetate, T
13.50	Methyl acetate, T
13.80	Methyl acetate, T
14.00	Methyl acetate, T
14.20	Methyl acetate, T
14.50	Methyl acetate, T
14.80	Methyl acetate, T
15.00	Methyl acetate, T
15.20	Methyl acetate, T
15.50	Methyl acetate, T
15.80	Methyl acetate, T
16.00	Methyl acetate, T



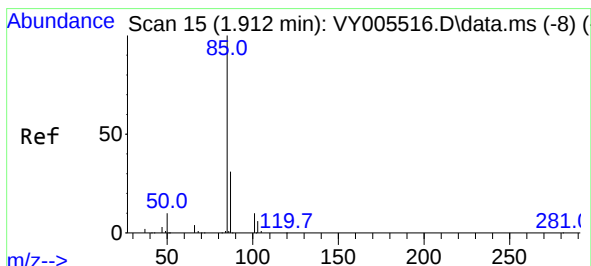
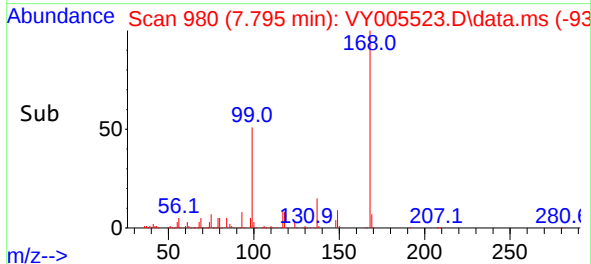
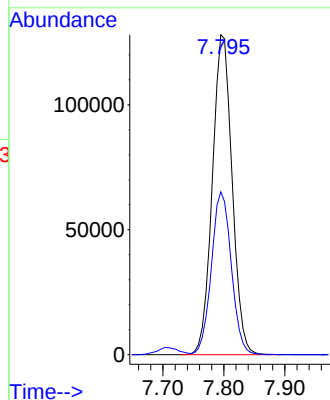
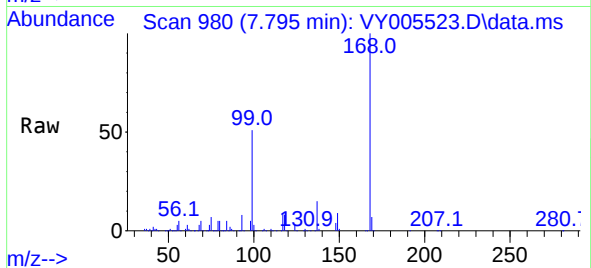
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 168 Resp: 288762
Ion Ratio Lower Upper
168 100
99 50.9 38.9 58.3

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

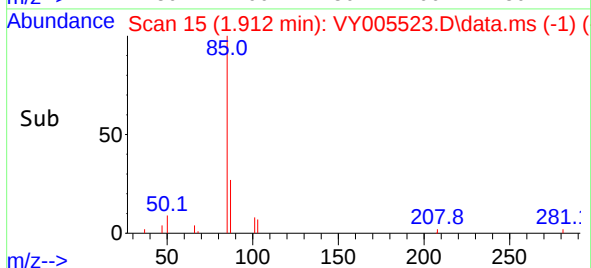
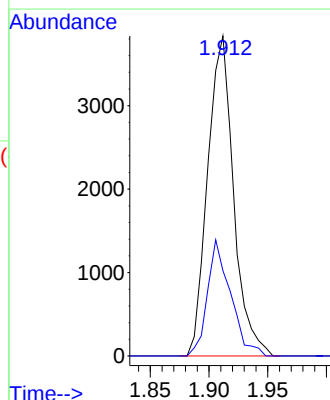
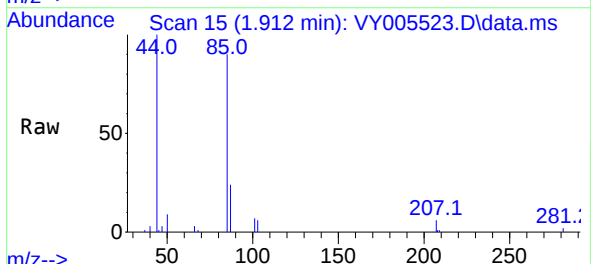
Manual Integrations
APPROVED

MMDadoda
8/3/2021 4:50:46 PM

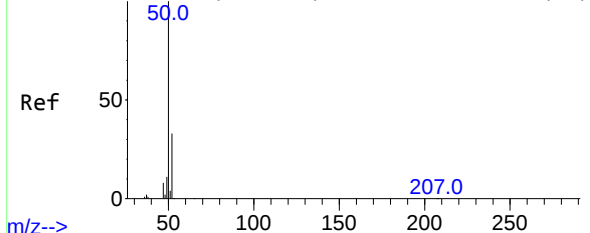


#2
Dichlorodifluoromethane
Concen: 2.484 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 85 Resp: 5891
Ion Ratio Lower Upper
85 100
87 26.6 15.4 46.2



Abundance Scan 49 (2.119 min): VY005516.D\data.ms (-43)



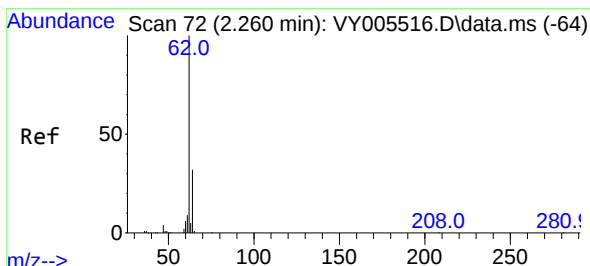
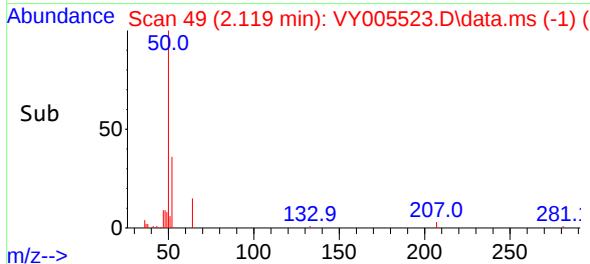
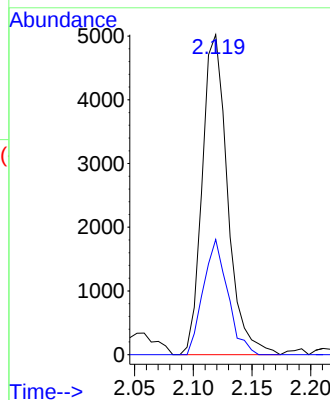
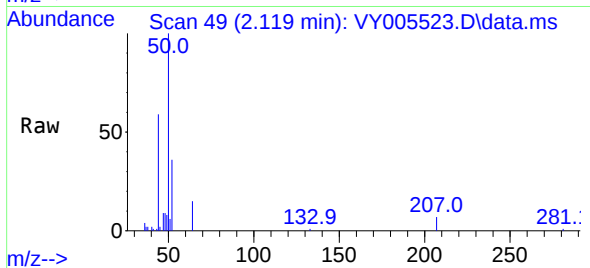
#3
Chloromethane
Concen: 2.663 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 50 Resp: 7544
Ion Ratio Lower Upper
50 100
52 36.0 26.4 39.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

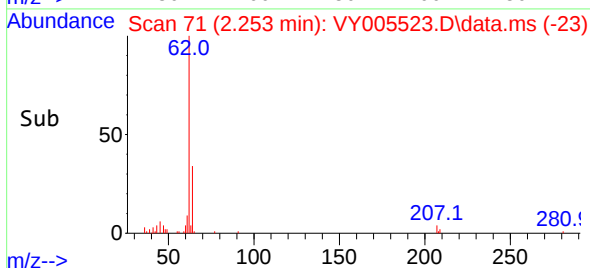
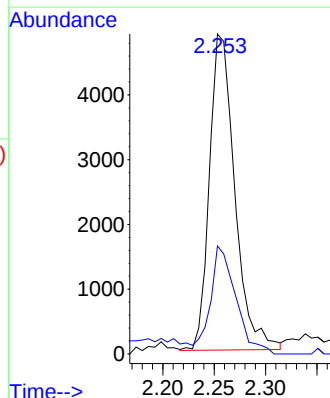
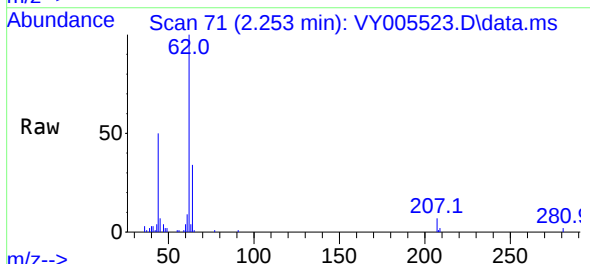
Manual Integrations
APPROVED

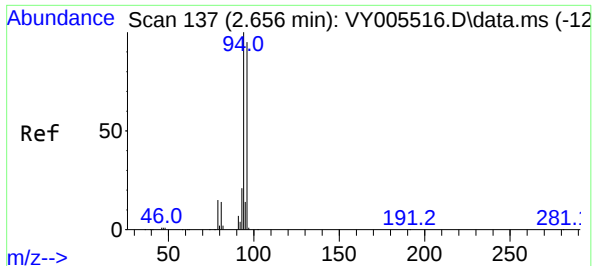
MMDadoda
8/3/2021 4:50:46 PM



#4
Vinyl Chloride
Concen: 2.471 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 62 Resp: 8386
Ion Ratio Lower Upper
62 100
64 34.2 25.9 38.9





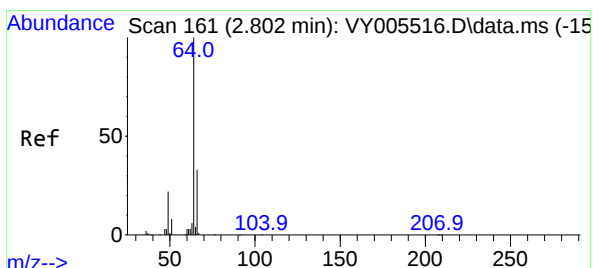
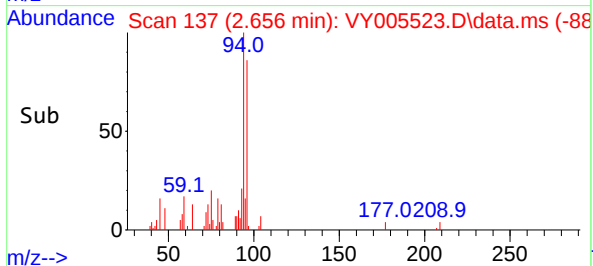
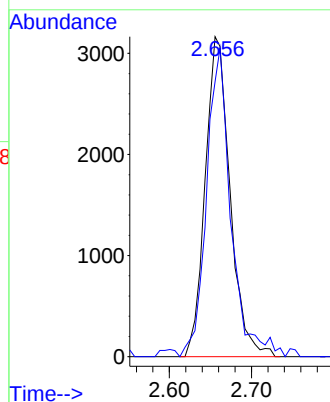
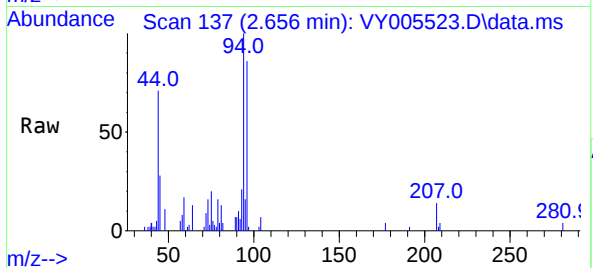
#5
Bromomethane
Concen: 2.978 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 94 Resp: 6652
Ion Ratio Lower Upper
94 100
96 85.9 75.7 113.5

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

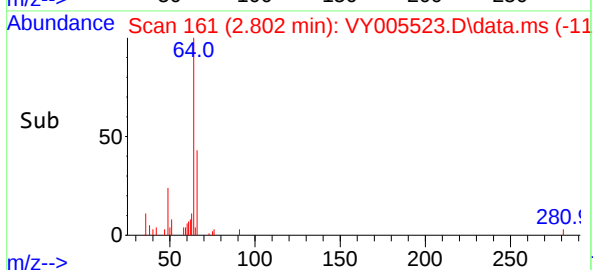
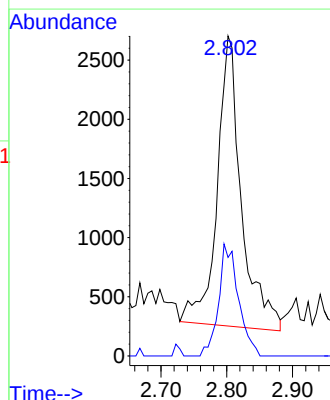
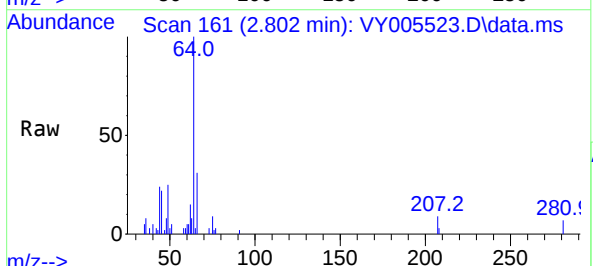
Manual Integrations
APPROVED

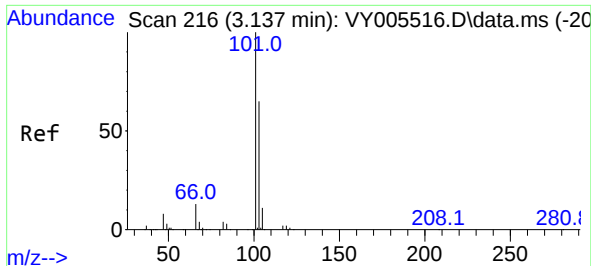
MMDadoda
8/3/2021 4:50:46 PM



#6
Chloroethane
Concen: 3.067 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 64 Resp: 6282
Ion Ratio Lower Upper
64 100
66 34.5 26.1 39.1





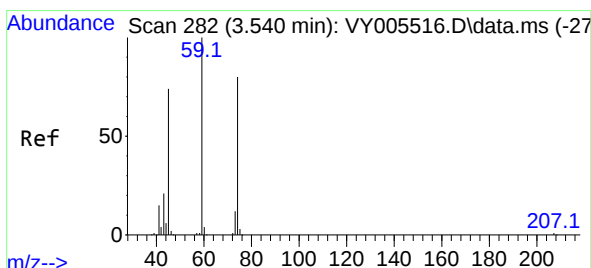
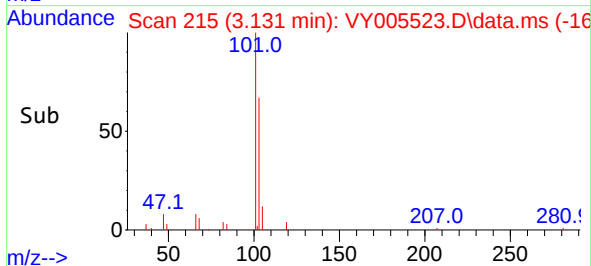
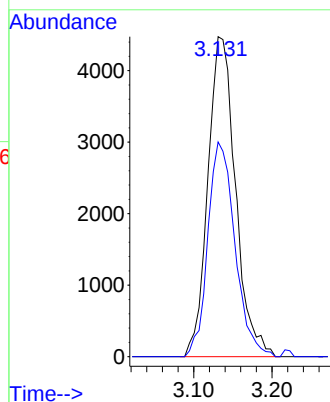
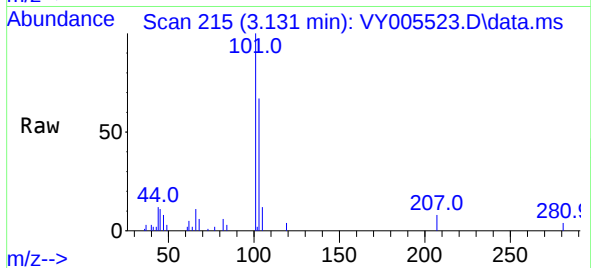
#7
Trichlorofluoromethane
Concen: 2.414 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 101 Resp: 10968
Ion Ratio Lower Upper
101 100
103 67.1 52.2 78.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

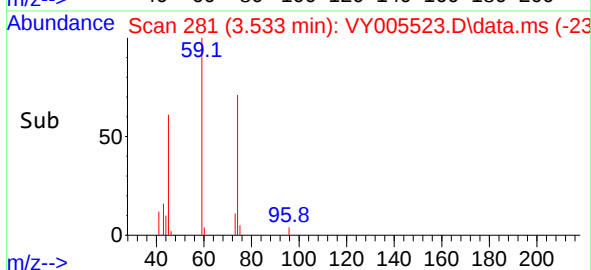
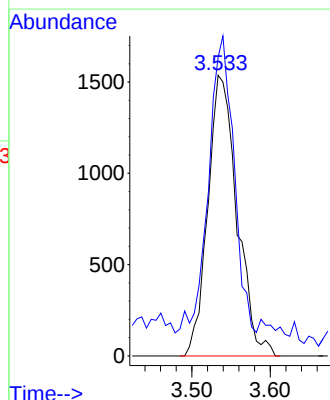
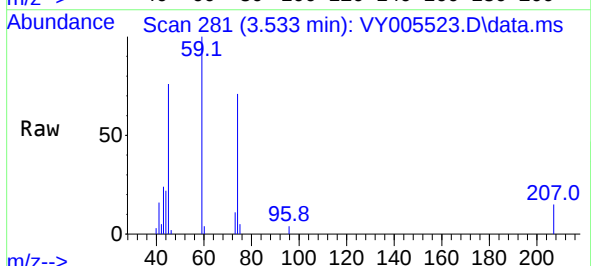
Manual Integrations
APPROVED

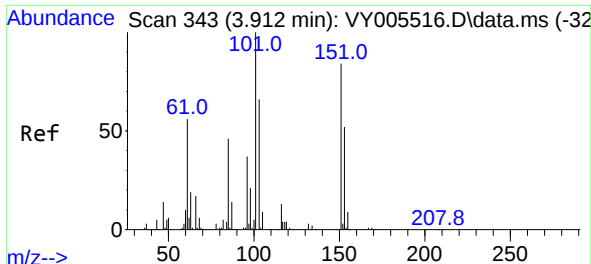
MMDadoda
8/3/2021 4:50:46 PM



#8
Diethyl Ether
Concen: 2.506 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 74 Resp: 3977
Ion Ratio Lower Upper
74 100
45 91.9 47.2 141.6





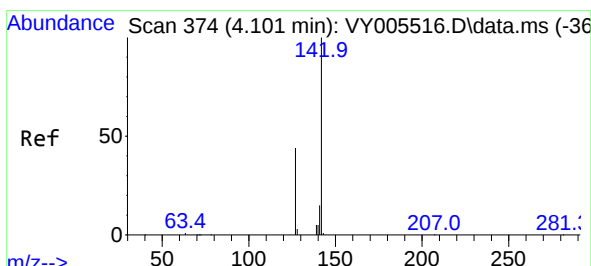
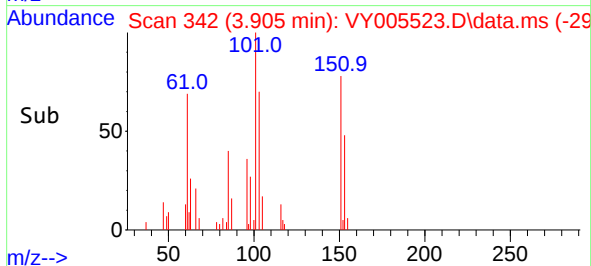
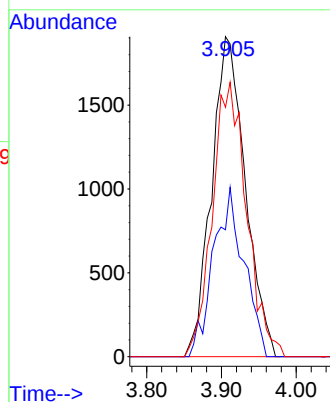
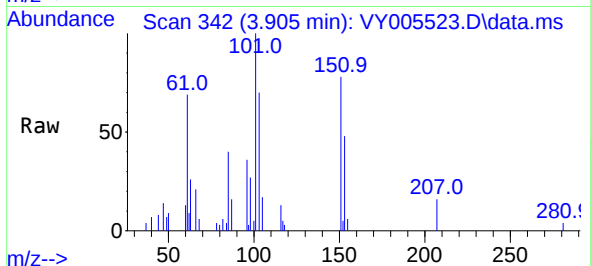
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.432 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	101	Resp:	5994
Ion	Ratio	Lower	Upper
101	100		
85	47.6	36.3	54.5
151	86.9	67.6	101.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

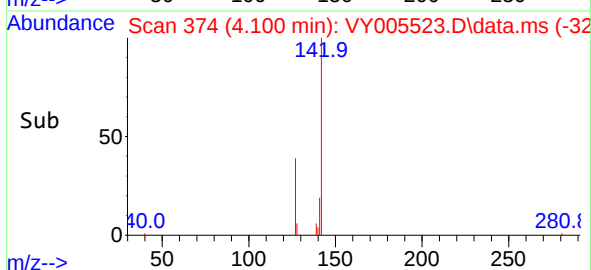
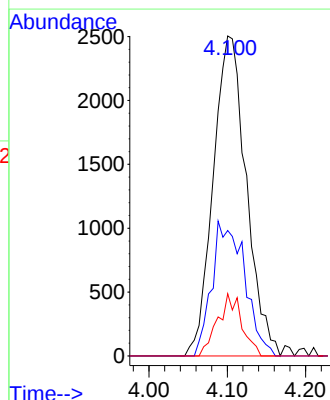
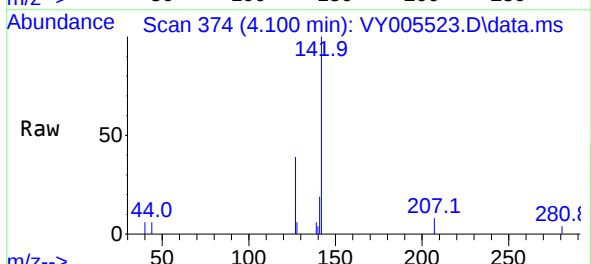
Manual Integrations
APPROVED

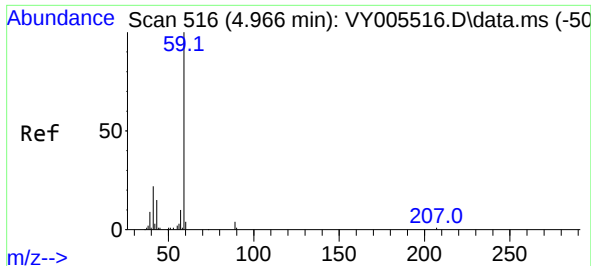
MMDadoda
8/3/2021 4:50:46 PM



#10
Methyl Iodide
Concen: 2.396 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	142	Resp:	7356
Ion	Ratio	Lower	Upper
142	100		
127	41.6	36.6	54.8
141	14.2	12.2	18.4





#11

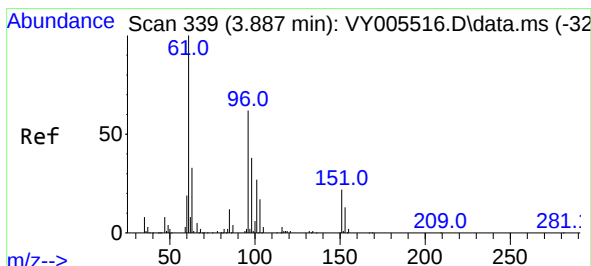
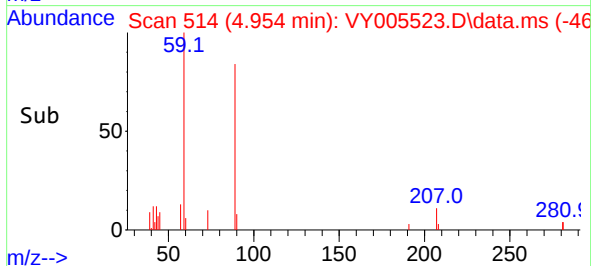
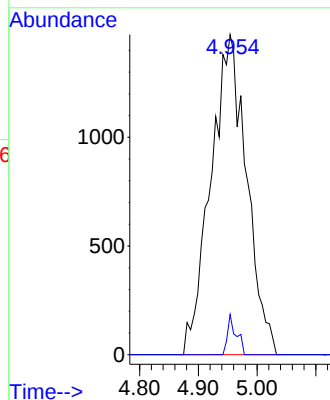
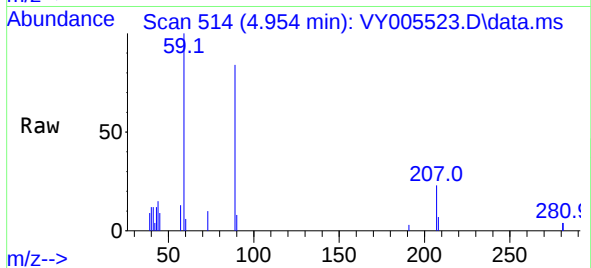
Tert butyl alcohol
Concen: 21.553 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 59 Resp: 6228
Ion Ratio Lower Upper
59 100
57 3.1 8.0 12.0#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

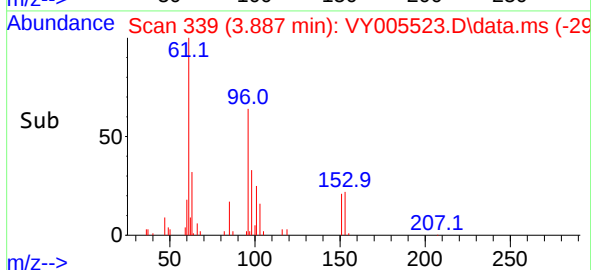
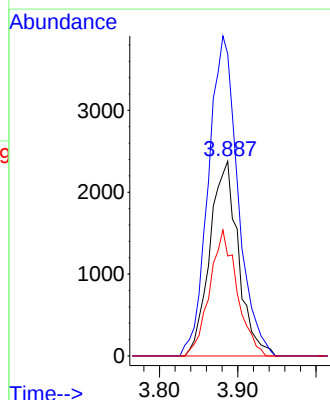
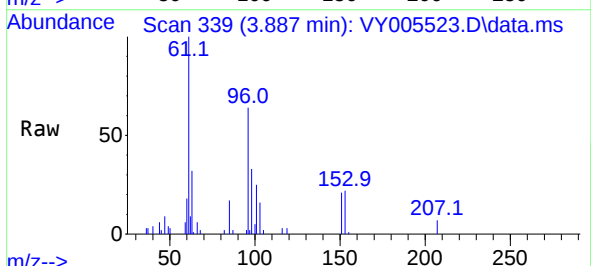
MMDadoda
8/3/2021 4:50:46 PM

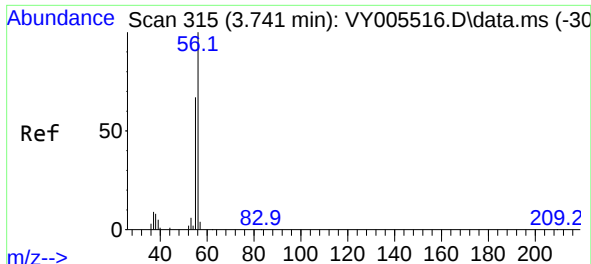


#12

1,1-Dichloroethene
Concen: 2.418 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

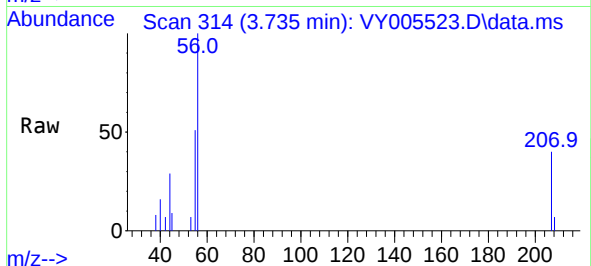
Tgt Ion: 96 Resp: 6018
Ion Ratio Lower Upper
96 100
61 155.1 128.6 192.8
98 51.3 49.2 73.8





#13
Acrolein
Concen: 11.977 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

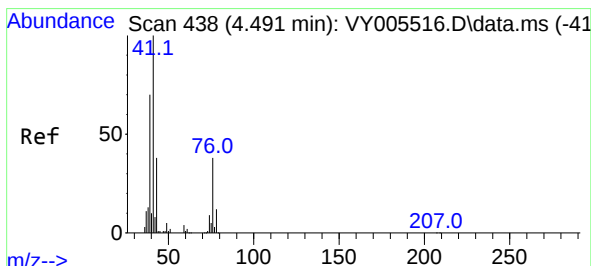
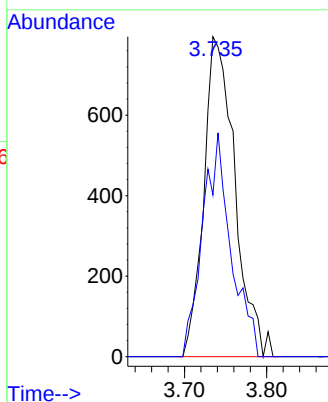
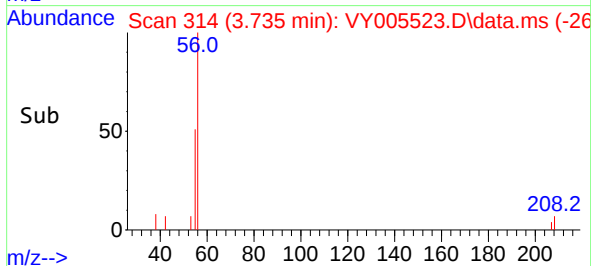
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021



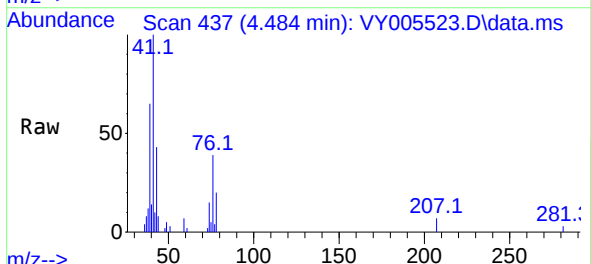
Tgt Ion: 56 Resp: 2088
Ion Ratio Lower Upper
56 100
55 63.8 56.5 84.7

Manual Integrations
APPROVED

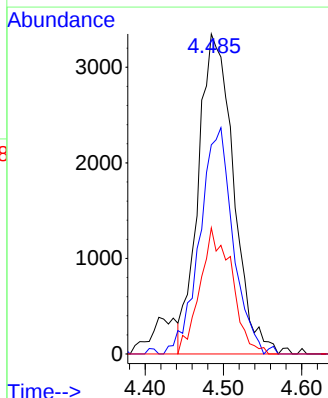
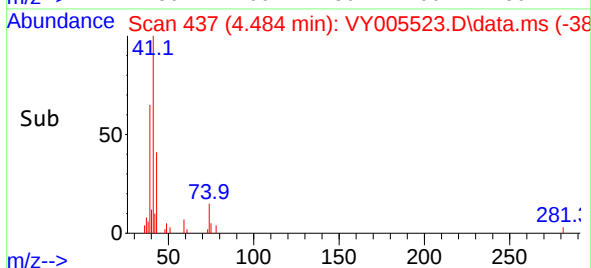
MMDadoda
8/3/2021 4:50:46 PM

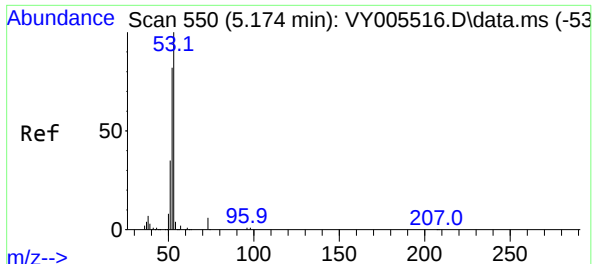


#14
Allyl chloride
Concen: 2.393 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



Tgt Ion: 41 Resp: 10430
Ion Ratio Lower Upper
41 100
39 67.3 53.7 80.5
76 35.7 28.7 43.1





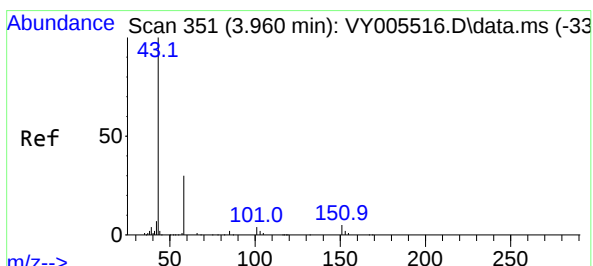
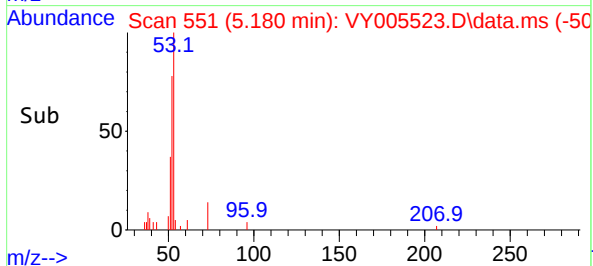
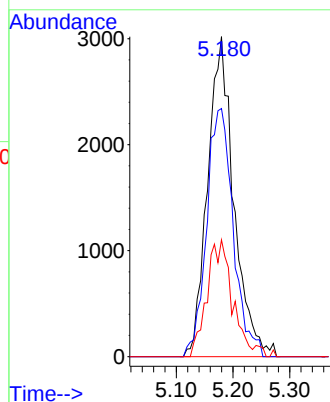
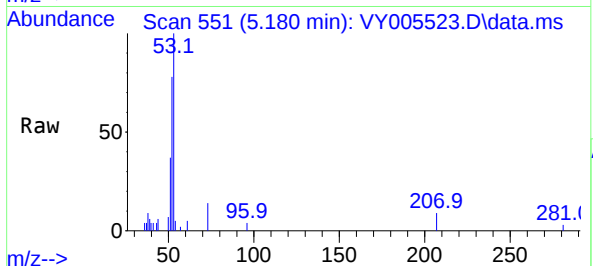
#15
Acrylonitrile
Concen: 11.907 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 53 Resp: 9683
Ion Ratio Lower Upper
53 100
52 78.7 66.6 99.8
51 17.2 29.9 44.9#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

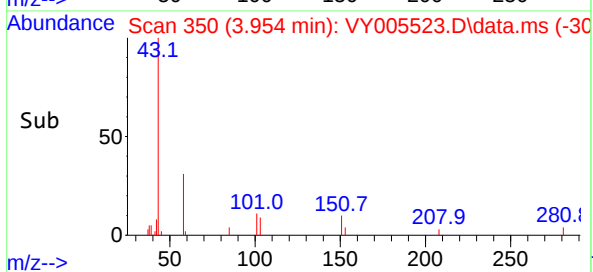
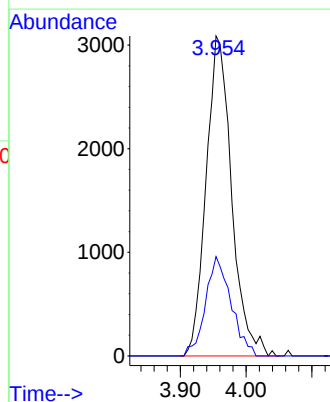
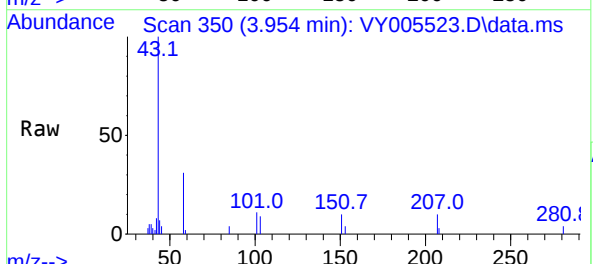
Manual Integrations
APPROVED

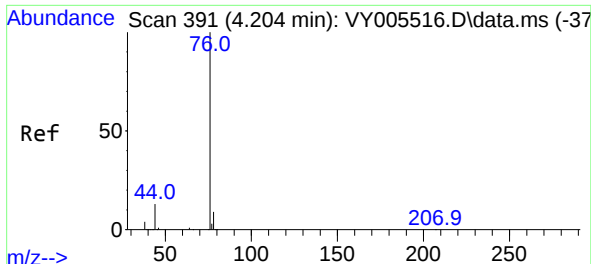
MMDadoda
8/3/2021 4:50:46 PM



#16
Acetone
Concen: 11.282 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 43 Resp: 8314
Ion Ratio Lower Upper
43 100
58 31.1 23.8 35.6





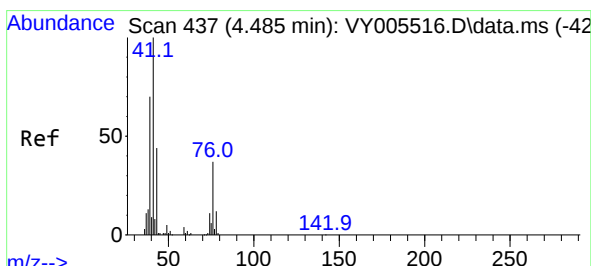
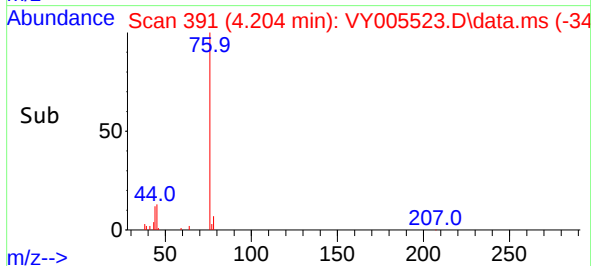
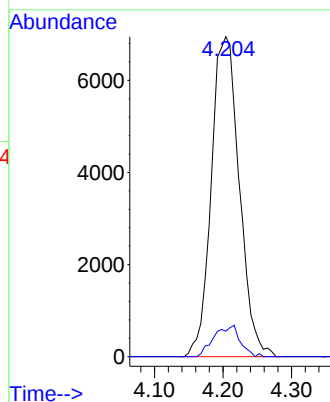
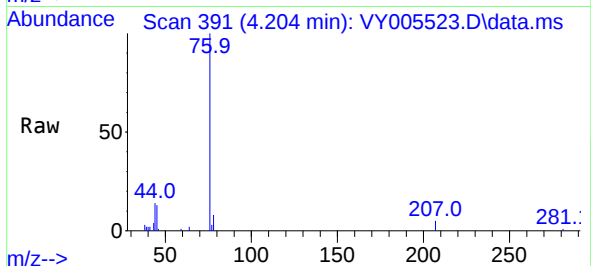
#17
Carbon Disulfide
Concen: 2.568 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 76 Resp: 19699
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

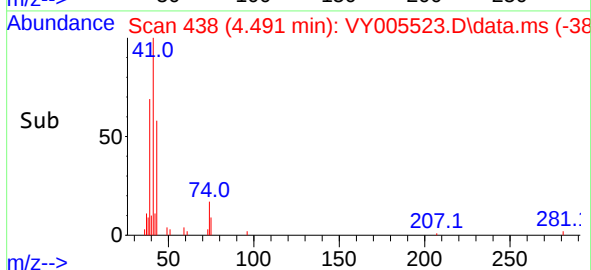
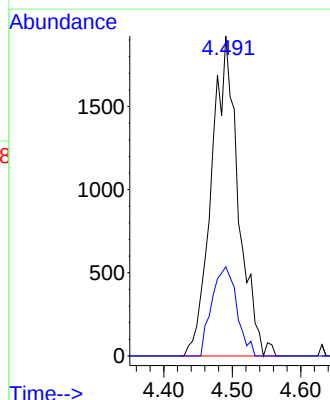
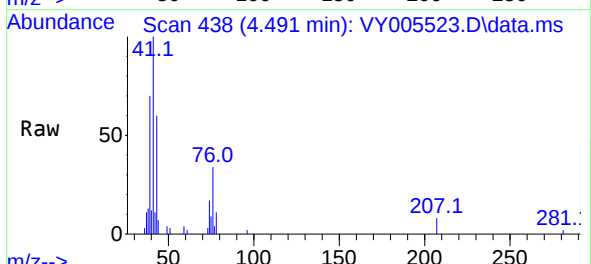
Manual Integrations
APPROVED

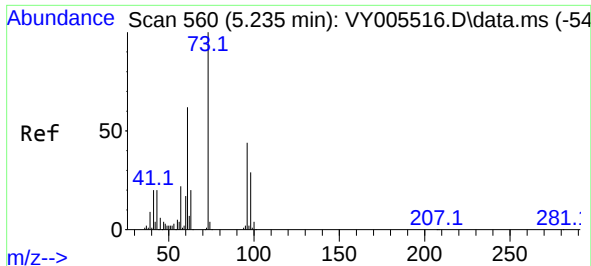
MMDadoda
8/3/2021 4:50:46 PM



#18
Methyl Acetate
Concen: 2.722 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 43 Resp: 5246
Ion Ratio Lower Upper
43 100
74 25.7 19.0 28.6





#19

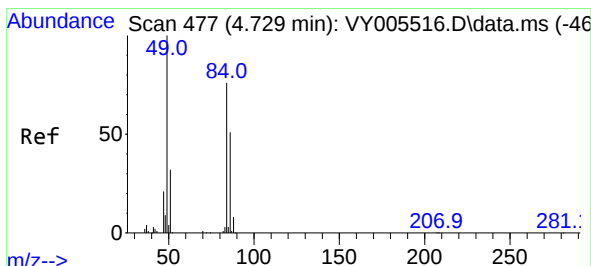
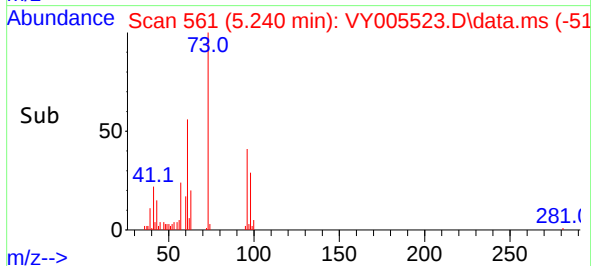
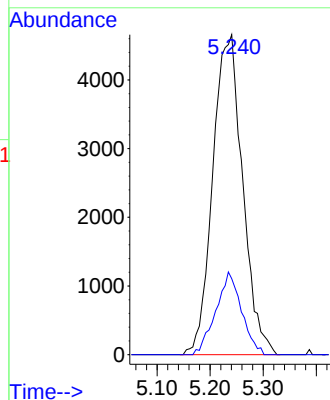
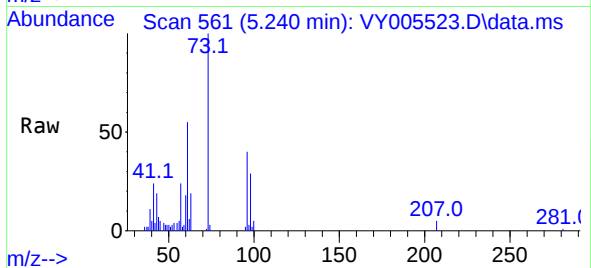
Methyl tert-butyl Ether
 Concen: 2.360 ug/l
 RT: 5.240 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: VY005523.D
 Acq: 02 Aug 2021 15:57

Tgt Ion: 73 Resp: 18191
 Ion Ratio Lower Upper
 73 100
 57 23.8 17.7 26.5

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Manual Integrations
 APPROVED

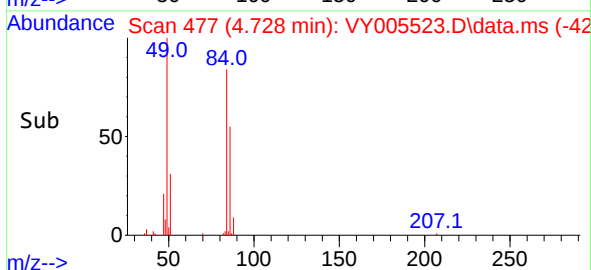
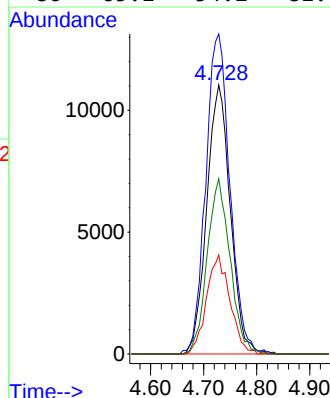
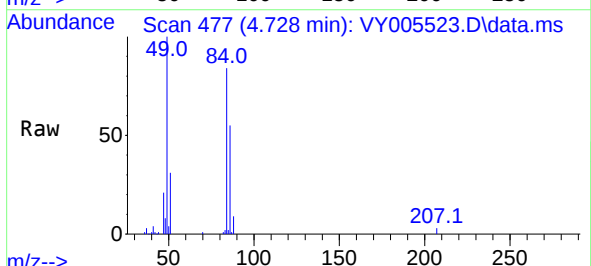
MMDadoda
 8/3/2021 4:50:46 PM



#20

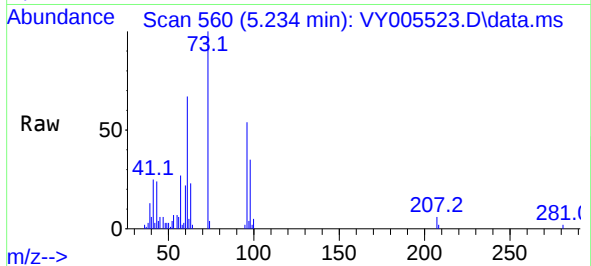
Methylene Chloride
 Concen: 9.221 ug/l
 RT: 4.728 min Scan# 477
 Delta R.T. -0.001 min
 Lab File: VY005523.D
 Acq: 02 Aug 2021 15:57

Tgt Ion: 84 Resp: 34127
 Ion Ratio Lower Upper
 84 100
 49 119.0 105.8 158.6
 51 36.8 33.4 50.2
 86 65.1 54.2 81.4



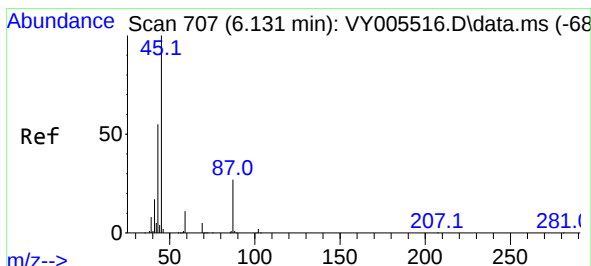
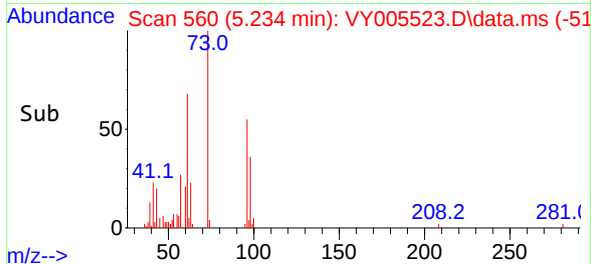
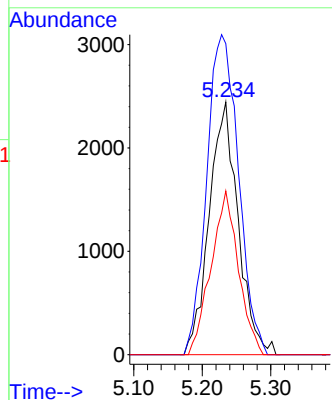


#21
trans-1,2-Dichloroethene
Concen: 2.579 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

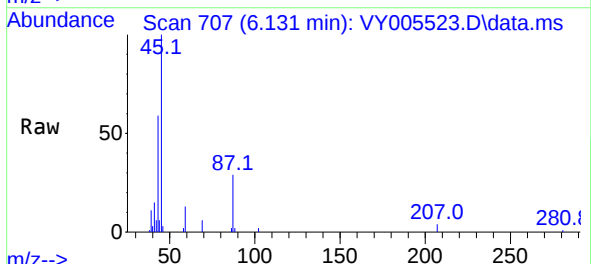


Tgt Ion: 96 Resp: 7175

Ion	Ratio	Lower	Upper
96	100		
61	123.1	112.6	168.8
98	64.7	52.2	78.4

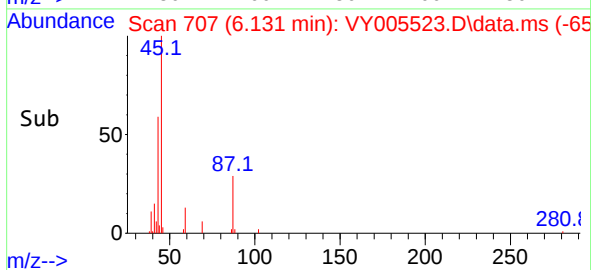
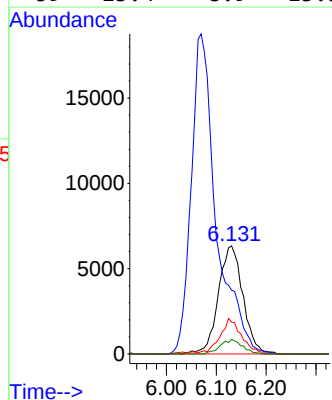


#22
Diisopropyl ether
Concen: 2.412 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



Tgt Ion: 45 Resp: 21687

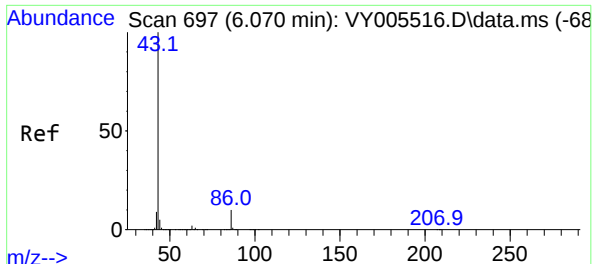
Ion	Ratio	Lower	Upper
45	100		
43	59.0	44.2	66.2
87	29.4	21.6	32.4
59	13.4	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
8/3/2021 4:50:46 PM



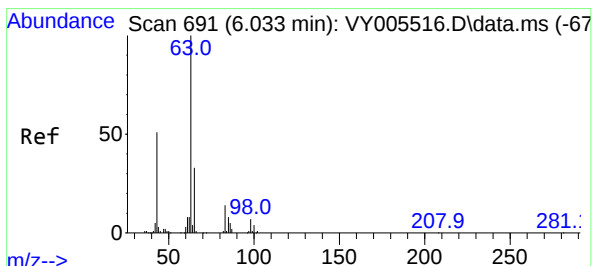
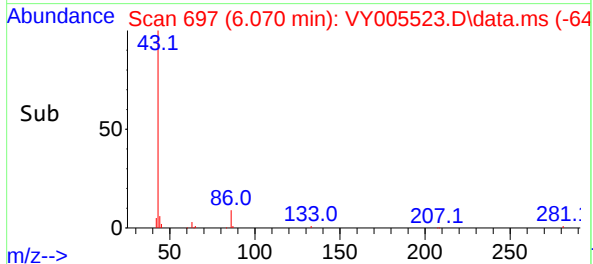
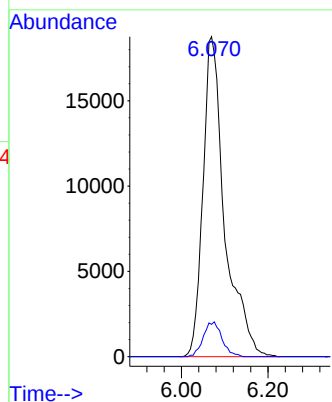
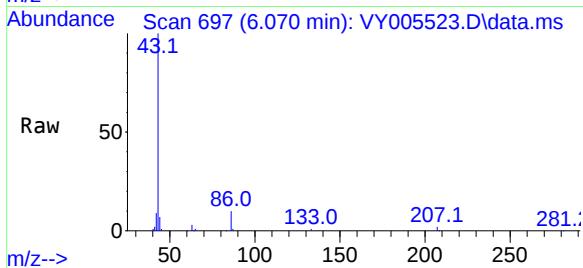
#23
 Vinyl Acetate
 Concen: 10.919 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY005523.D
 Acq: 02 Aug 2021 15:57

Tgt Ion: 43 Resp: 65342
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.4 12.6

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

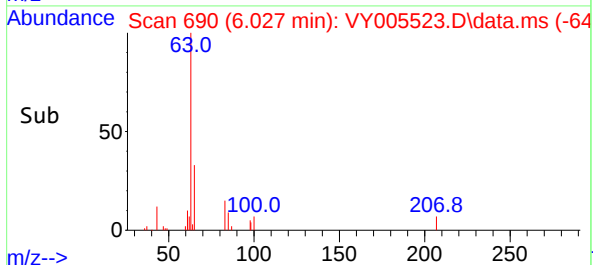
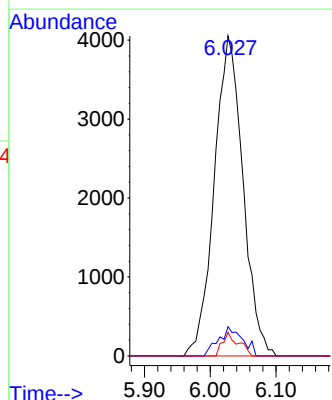
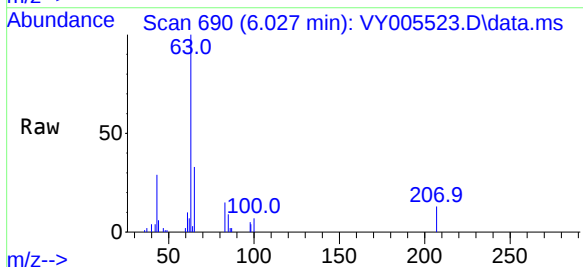
Manual Integrations
 APPROVED

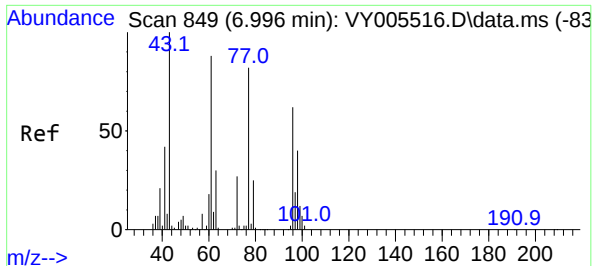
MMDadoda
 8/3/2021 4:50:46 PM



#24
 1,1-Dichloroethane
 Concen: 2.463 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY005523.D
 Acq: 02 Aug 2021 15:57

Tgt Ion: 63 Resp: 12276
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.4 10.1
 100 7.4 2.1 6.5#





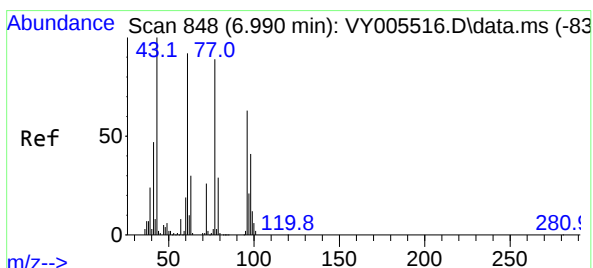
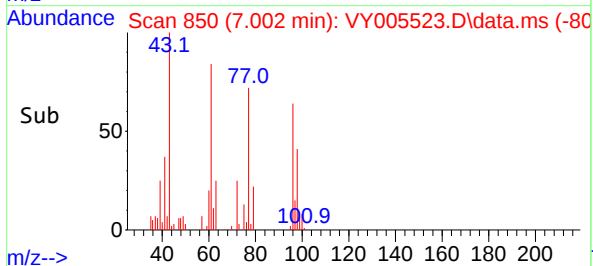
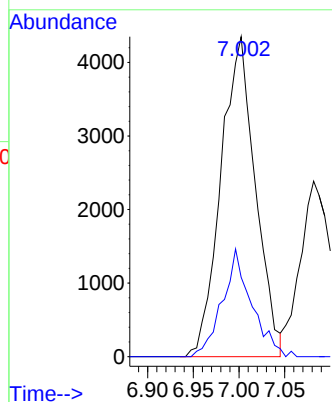
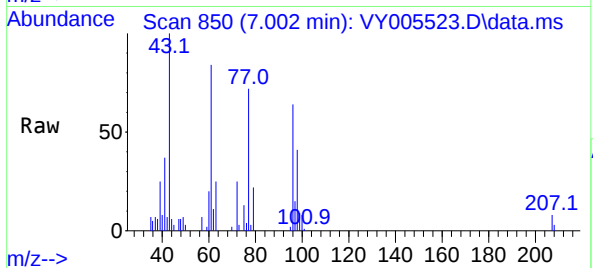
#25
2-Butanone
Concen: 10.500 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 43 Resp: 11438
Ion Ratio Lower Upper
43 100
72 24.8 21.4 32.2

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

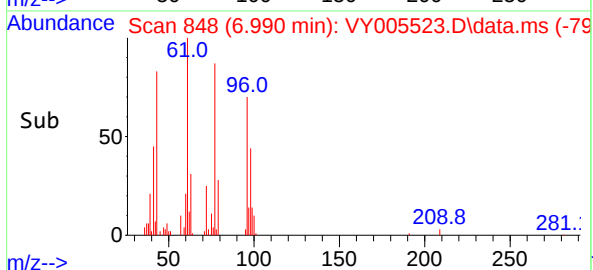
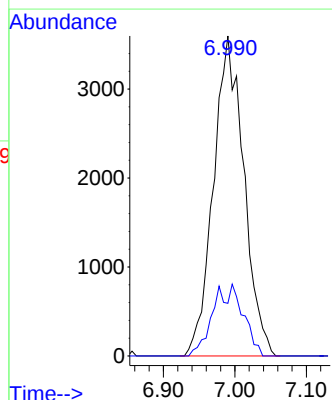
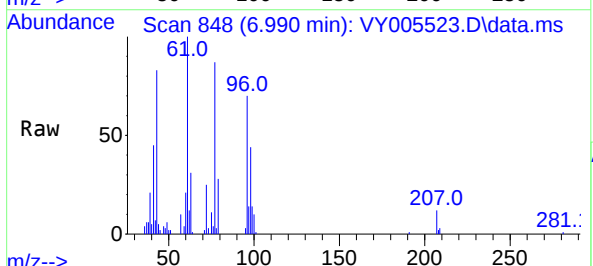
Manual Integrations
APPROVED

MMDadoda
8/3/2021 4:50:46 PM

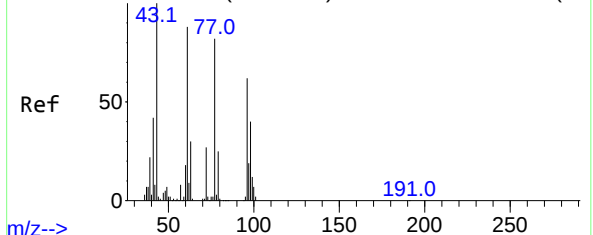


#26
2,2-Dichloropropane
Concen: 2.332 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

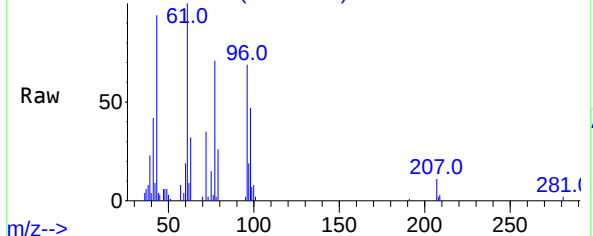
Tgt Ion: 77 Resp: 10619
Ion Ratio Lower Upper
77 100
97 12.0 11.4 34.1



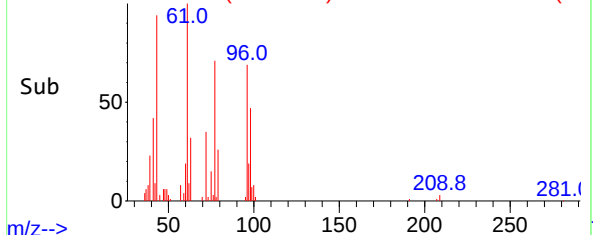
Abundance Scan 849 (6.996 min): VY005516.D\data.ms (-83



m/z--> Abundance Scan 849 (6.996 min): VY005523.D\data.ms



m/z--> Abundance Scan 849 (6.996 min): VY005523.D\data.ms (-80

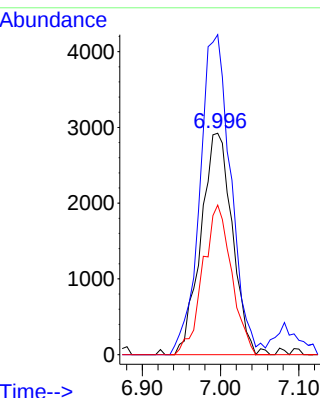


m/z-->

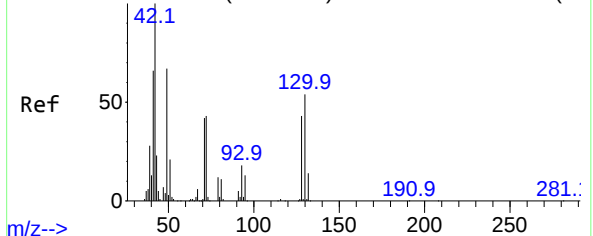
#27

cis-1,2-Dichloroethene
Concen: 2.573 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

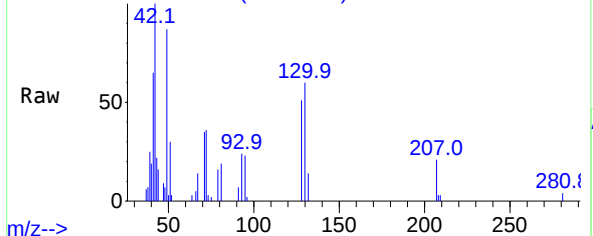
Tgt Ion:	96	Resp:	8143
Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	290.0
98	61.8	0.0	128.0



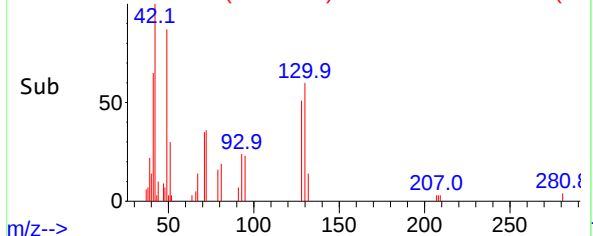
Abundance Scan 907 (7.350 min): VY005516.D\data.ms (-89



m/z--> Abundance Scan 906 (7.344 min): VY005523.D\data.ms



m/z--> Abundance Scan 906 (7.344 min): VY005523.D\data.ms (-85

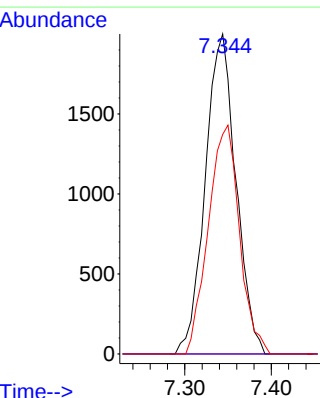


m/z-->

#28

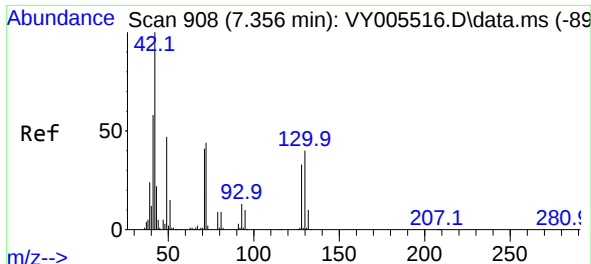
Bromochloromethane
Concen: 2.475 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	49	Resp:	4922
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	72.5	64.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED
MMDadoda
8/3/2021 4:50:46 PM



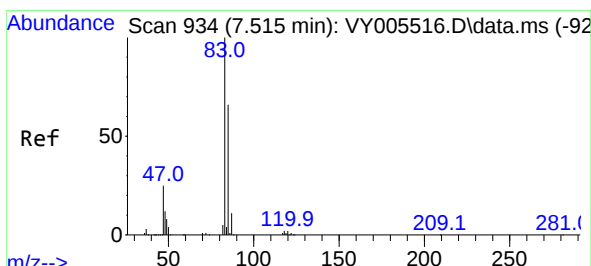
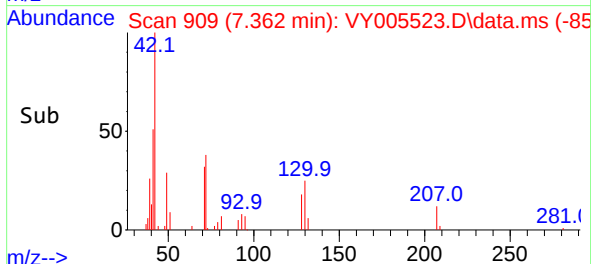
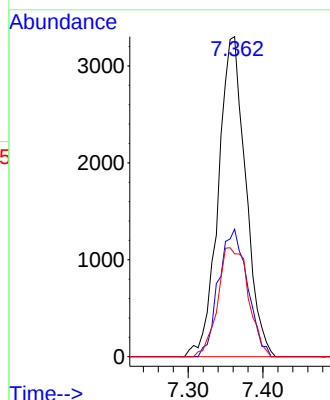
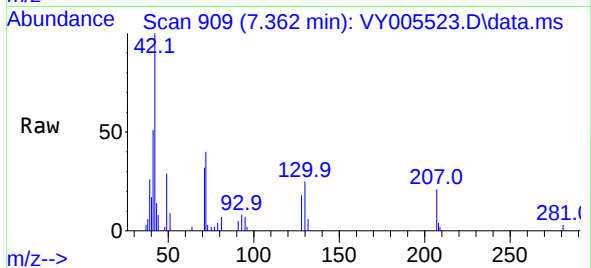
#29
Tetrahydrofuran
Concen: 11.654 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	42	Resp:	8397
Ion	Ratio	Lower	Upper
42	100		
72	41.8	35.0	52.4
71	38.1	33.3	49.9

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

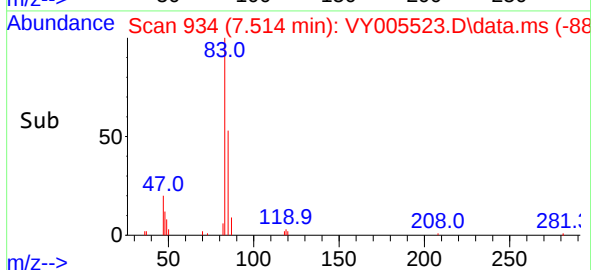
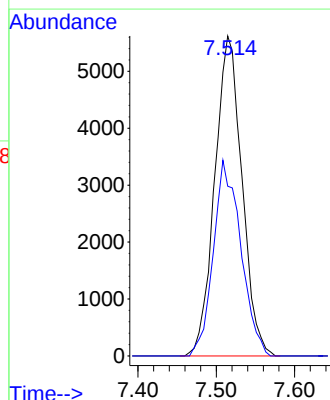
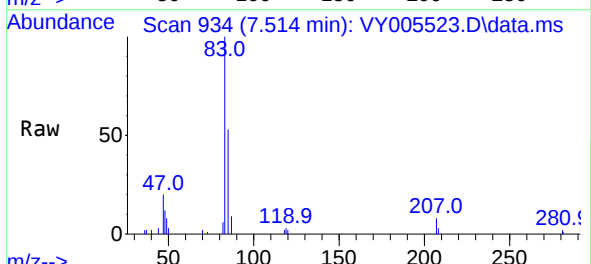
Manual Integrations
APPROVED

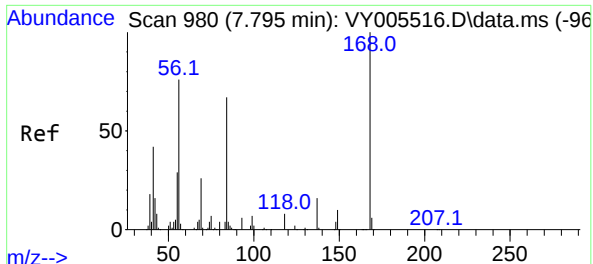
MMDadoda
8/3/2021 4:50:46 PM



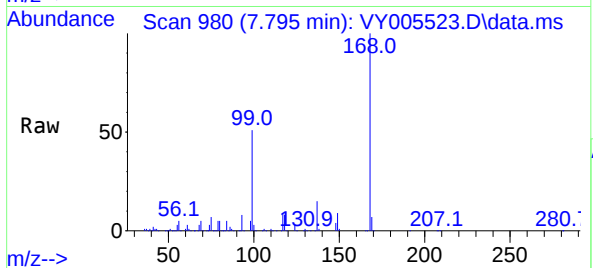
#30
Chloroform
Concen: 2.670 ug/l
RT: 7.514 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	83	Resp:	13579
Ion	Ratio	Lower	Upper
83	100		
85	53.0	52.7	79.1

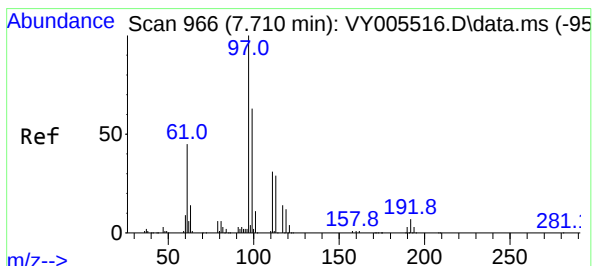
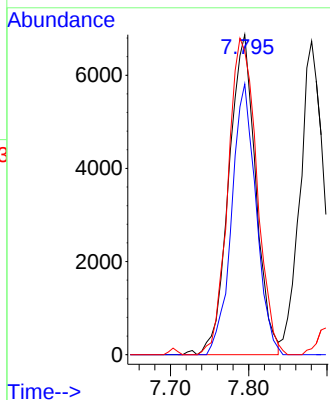
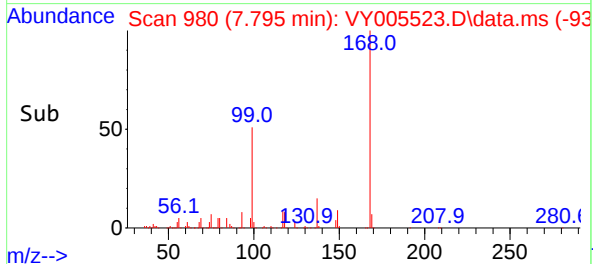




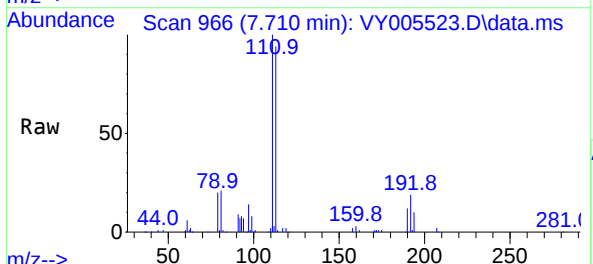
#31
Cyclohexane
Concen: 3.272 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



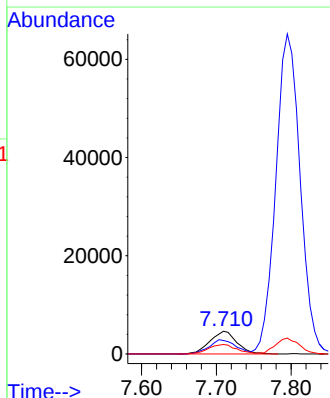
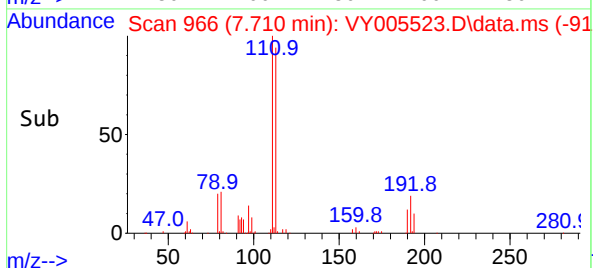
Tgt Ion: 56 Resp: 16403
Ion Ratio Lower Upper
56 100
69 84.6 27.7 41.5#
84 93.9 70.9 106.3



#32
1,1,1-Trichloroethane
Concen: 2.467 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



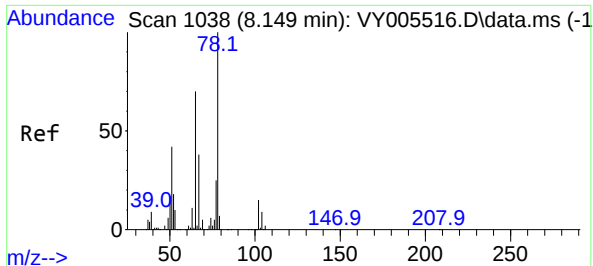
Tgt Ion: 97 Resp: 11533
Ion Ratio Lower Upper
97 100
99 62.2 51.1 76.7
61 43.4 35.0 52.6



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
8/3/2021 4:50:46 PM



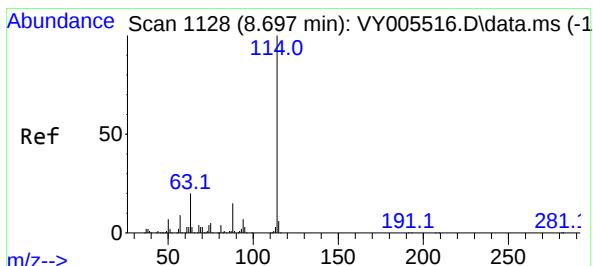
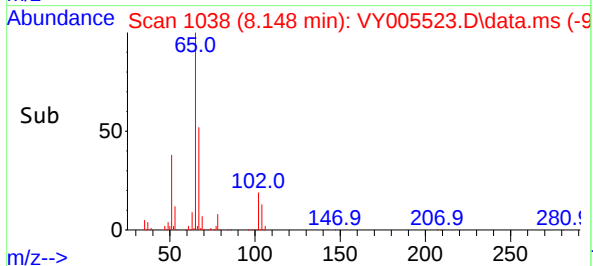
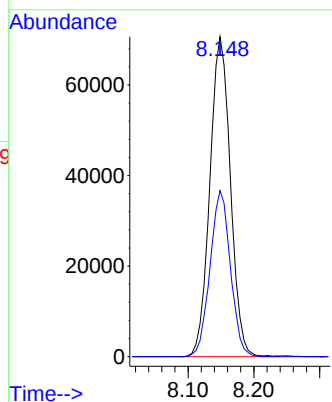
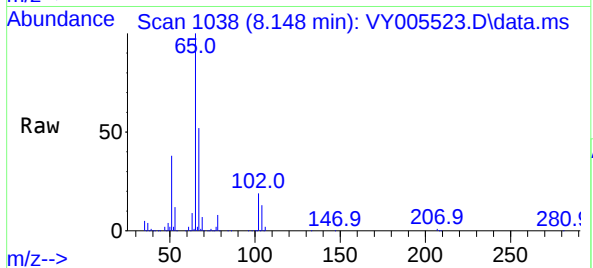
#33
1,2-Dichloroethane-d4
Concen: 52.590 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 65 Resp: 153721
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

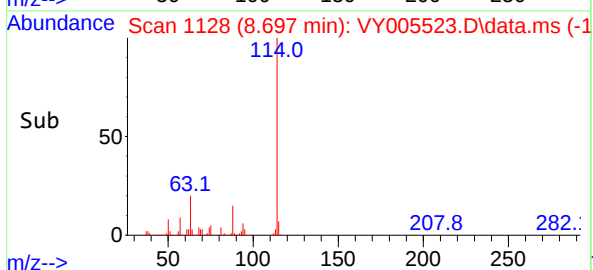
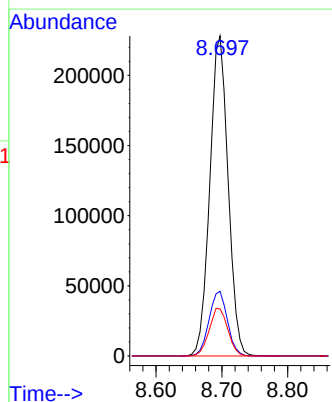
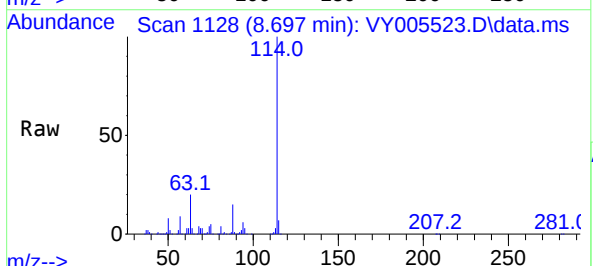
Manual Integrations
APPROVED

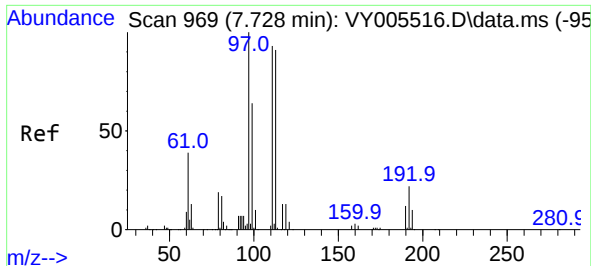
MMDadoda
8/3/2021 4:50:46 PM



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

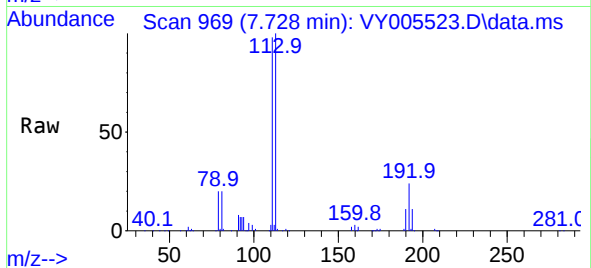
Tgt Ion: 114 Resp: 440192
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 14.7 0.0 30.8





#35
Dibromofluoromethane
Concen: 50.642 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

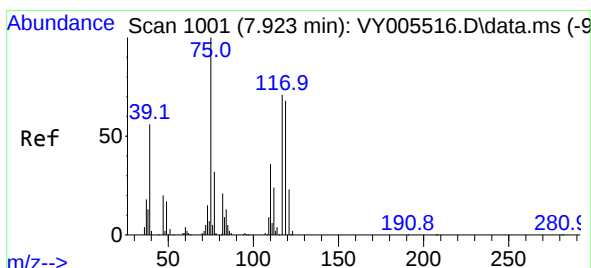
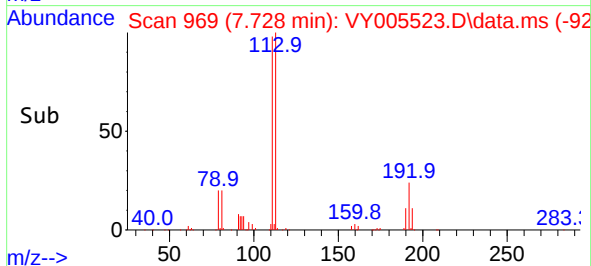
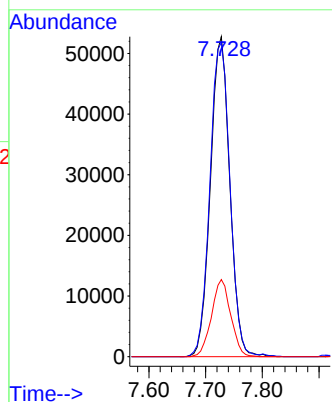
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021



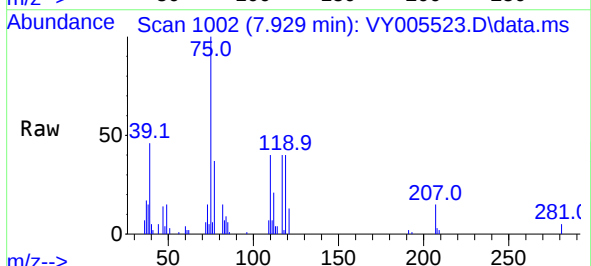
Tgt Ion:113 Resp: 124808
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 23.9 19.2 28.8

Manual Integrations
APPROVED

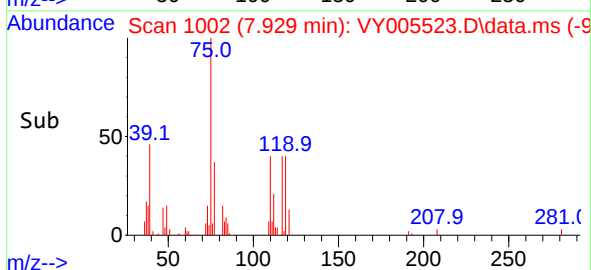
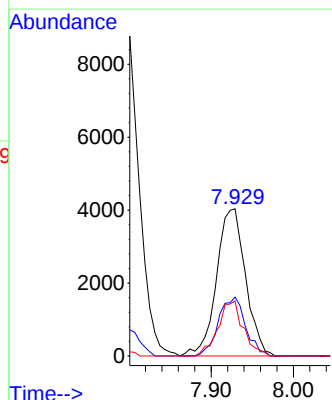
MMDadoda
8/3/2021 4:50:46 PM

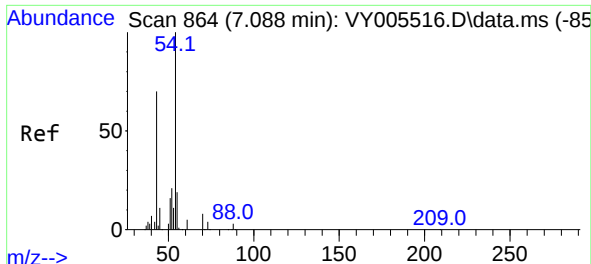


#36
1,1-Dichloropropene
Concen: 2.399 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



Tgt Ion: 75 Resp: 9903
Ion Ratio Lower Upper
75 100
110 37.3 18.1 54.1
77 32.5 25.1 37.7





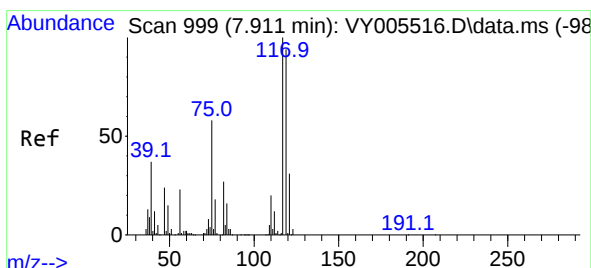
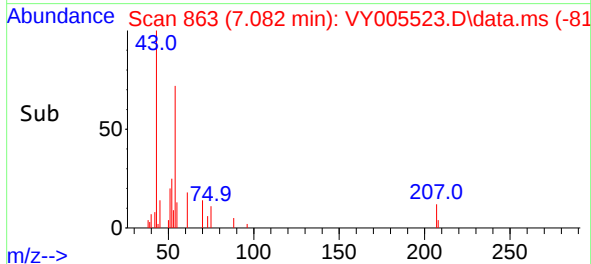
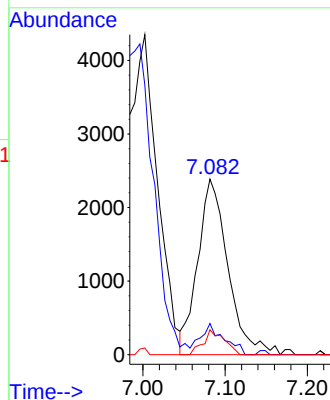
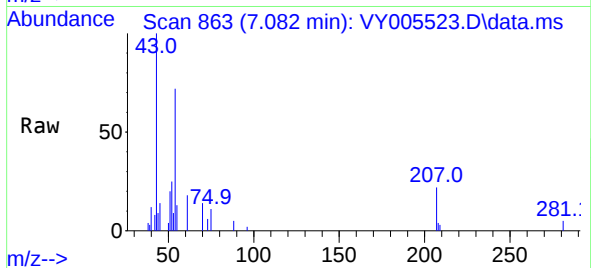
#37
Ethyl Acetate
Concen: 2.434 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	43	Resp:	6089
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	15.8
70	9.8	8.6	13.0

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

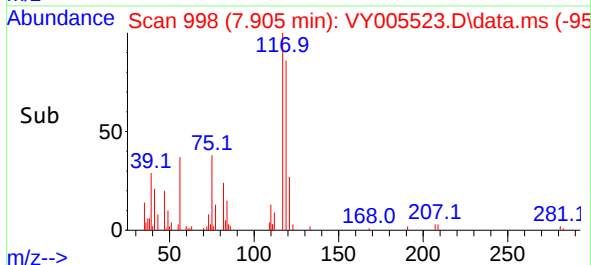
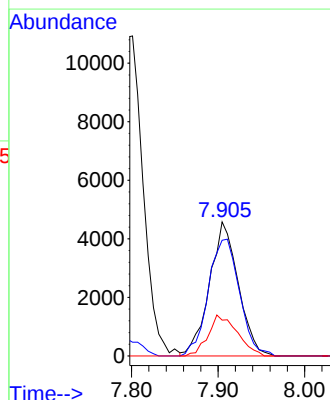
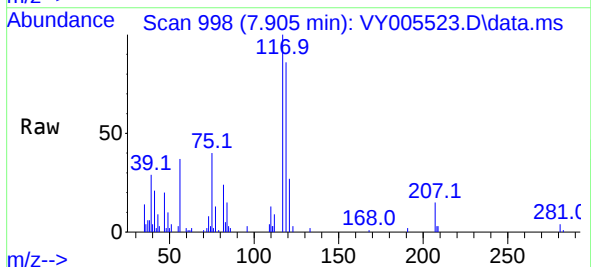
Manual Integrations
APPROVED

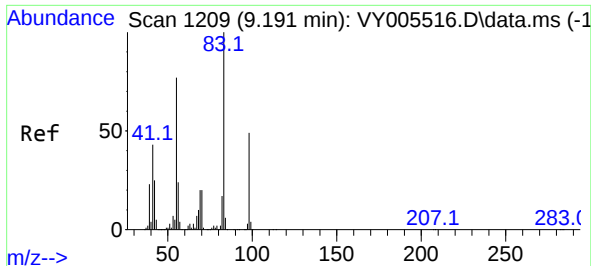
MMDadoda
8/3/2021 4:50:46 PM



#38
Carbon Tetrachloride
Concen: 2.362 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

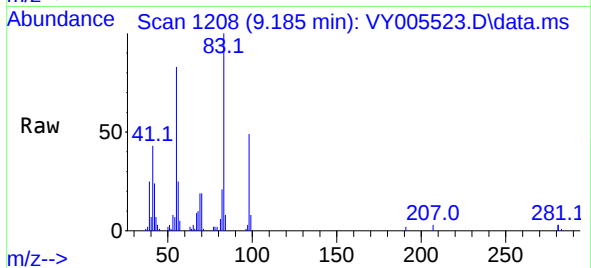
Tgt Ion:	117	Resp:	10597
Ion	Ratio	Lower	Upper
117	100		
119	86.3	75.4	113.0
121	26.8	25.1	37.7





#39
Methylcyclohexane
Concen: 2.226 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

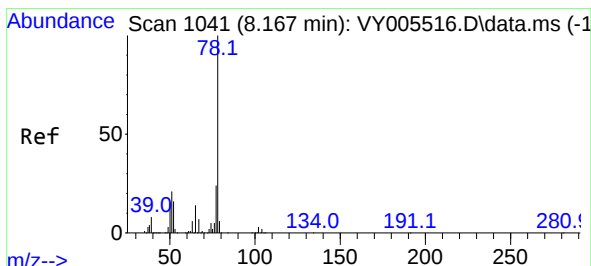
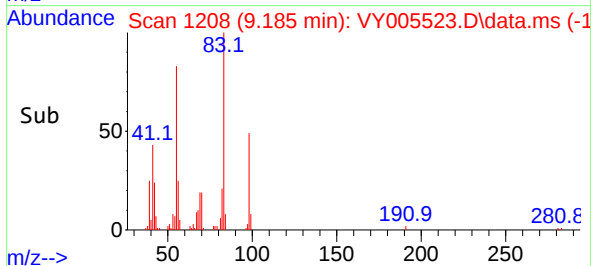
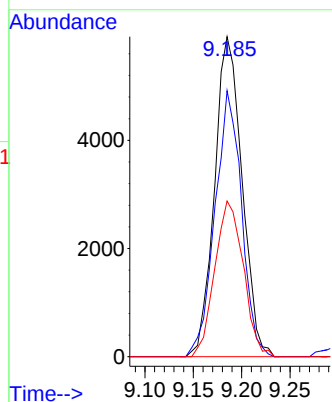
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021



Tgt Ion: 83 Resp: 11690
Ion Ratio Lower Upper
83 100
55 83.1 61.7 92.5
98 48.6 38.9 58.3

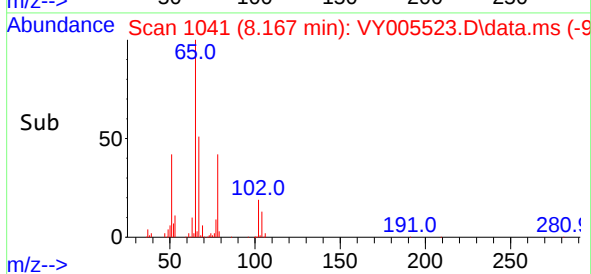
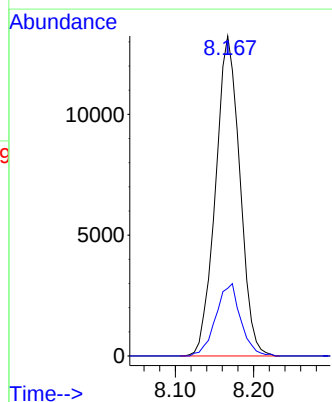
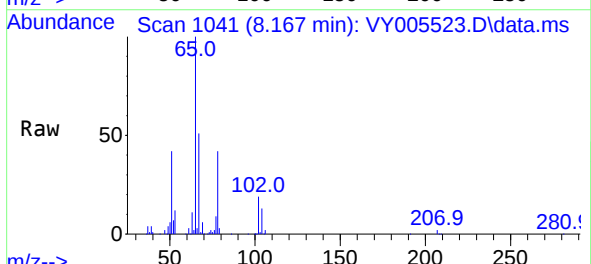
Manual Integrations
APPROVED

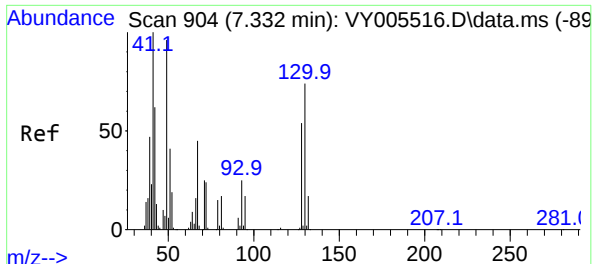
MMDadoda
8/3/2021 4:50:46 PM



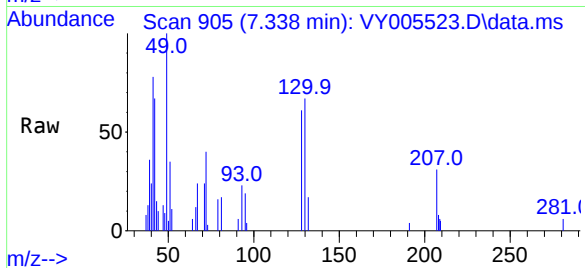
#40
Benzene
Concen: 2.418 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 78 Resp: 28585
Ion Ratio Lower Upper
78 100
77 21.1 19.6 29.4

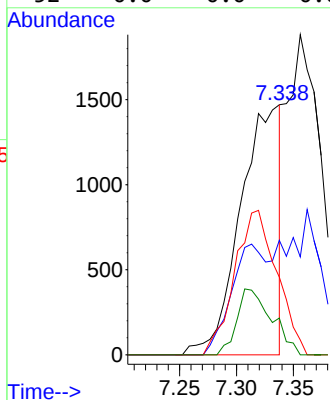




#41
Methacrylonitrile
Concen: 2.662 ug/l m
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



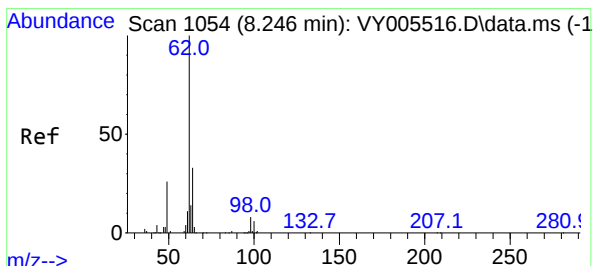
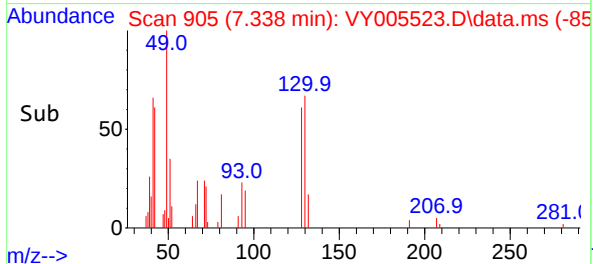
Tgt Ion:	41	Resp:	3612
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



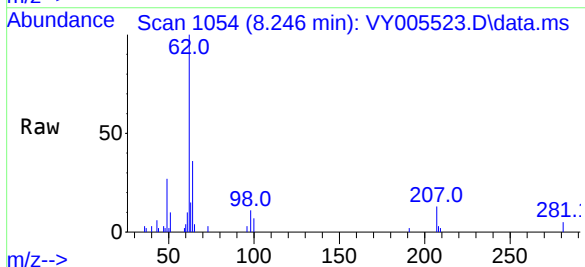
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

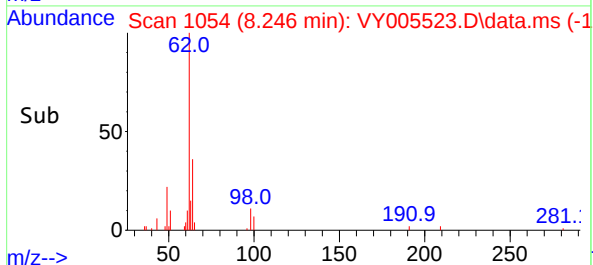
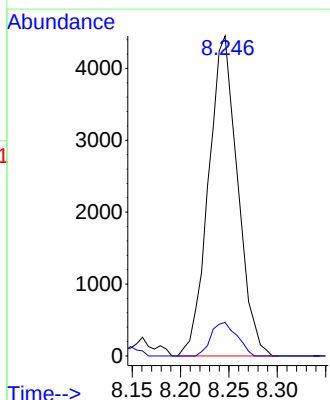
MMDadoda
8/3/2021 4:50:46 PM

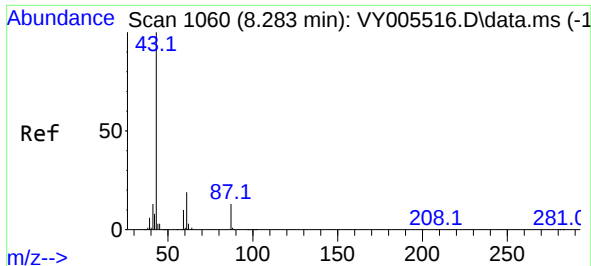


#42
1,2-Dichloroethane
Concen: 2.432 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

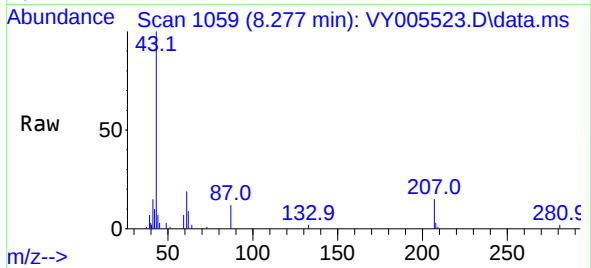


Tgt Ion:	62	Resp:	9327
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

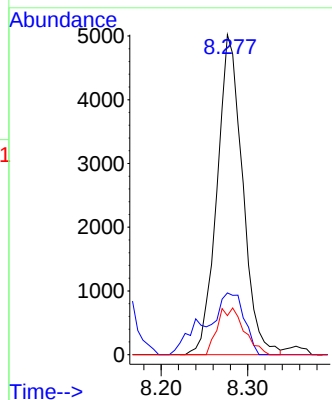




#43
Isopropyl Acetate
Concen: 2.174 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



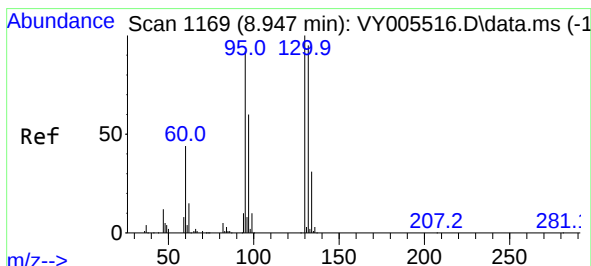
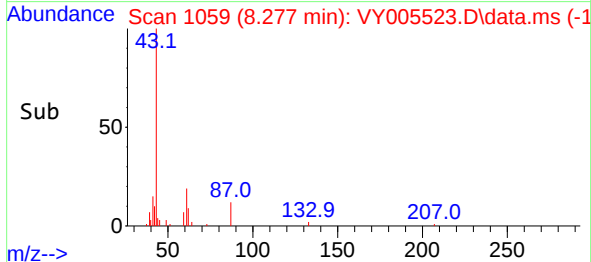
Tgt Ion: 43 Resp: 10293
Ion Ratio Lower Upper
43 100
61 20.9 23.0 34.6#
87 15.2 10.6 16.0



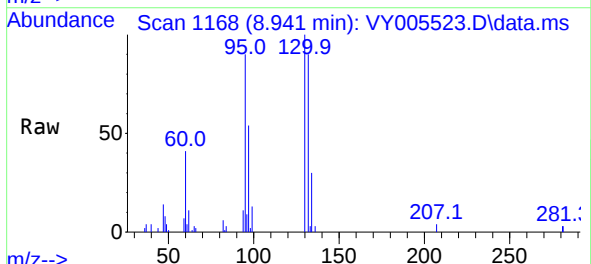
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

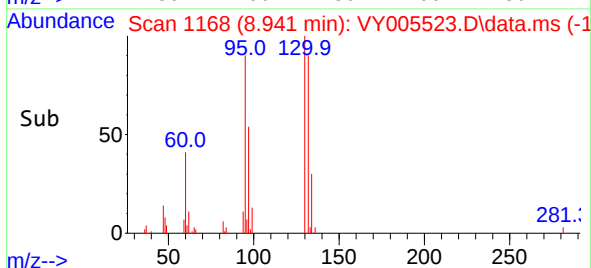
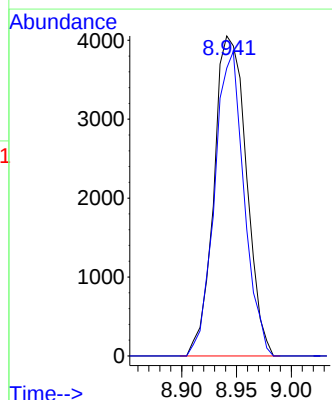
MMDadoda
8/3/2021 4:50:46 PM

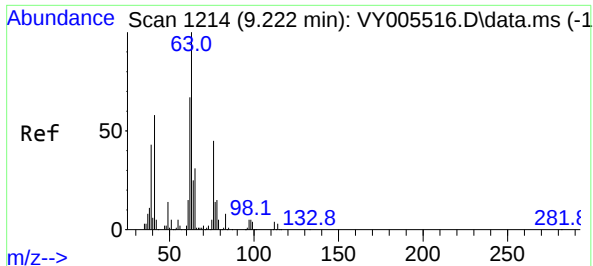


#44
Trichloroethene
Concen: 2.582 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



Tgt Ion: 130 Resp: 8331
Ion Ratio Lower Upper
130 100
95 89.9 0.0 185.0





#45

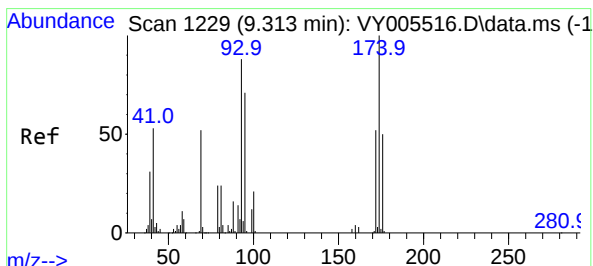
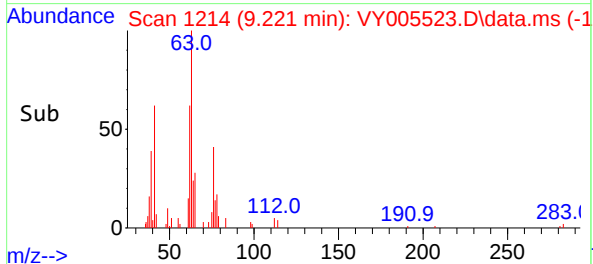
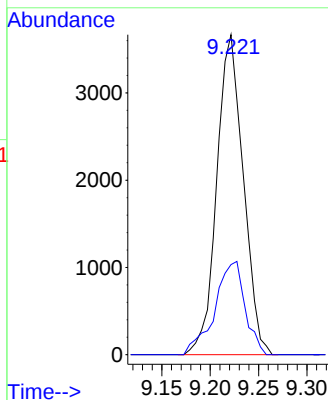
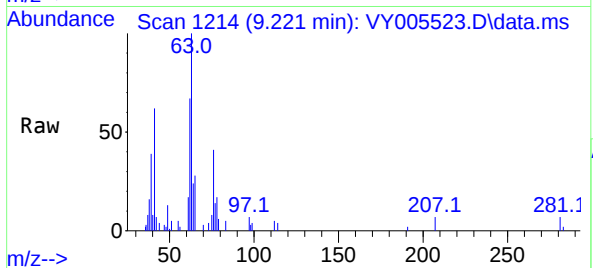
1,2-Dichloropropane
Concen: 2.363 ug/l
RT: 9.221 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 63 Resp: 6989
Ion Ratio Lower Upper
63 100
65 28.1 24.9 37.3

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

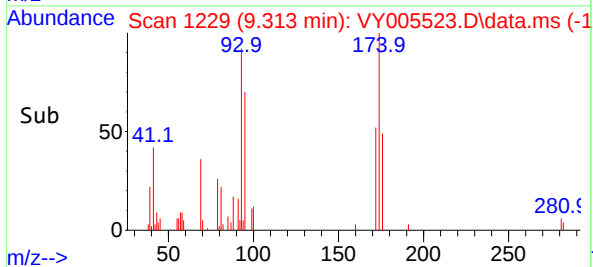
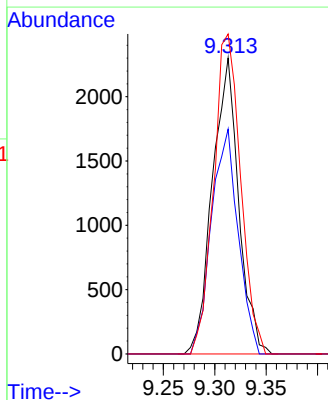
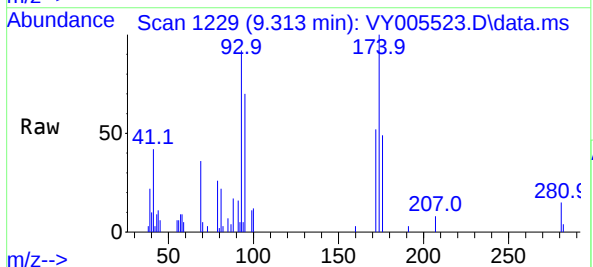
MMDadoda
8/3/2021 4:50:46 PM

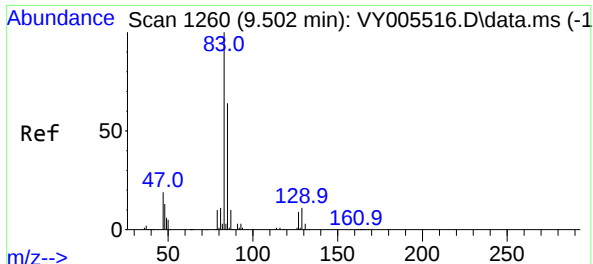


#46

Dibromomethane
Concen: 2.500 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 93 Resp: 4088
Ion Ratio Lower Upper
93 100
95 77.2 66.5 99.7
174 111.2 93.8 140.6





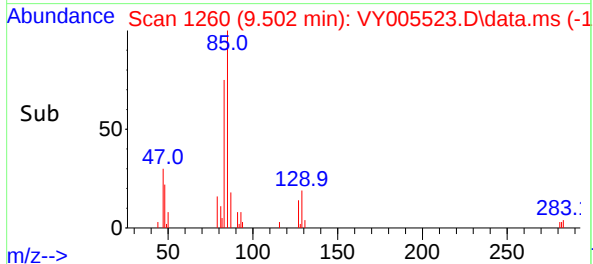
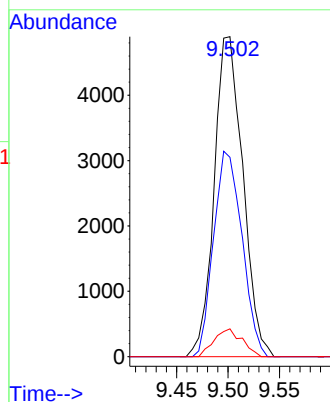
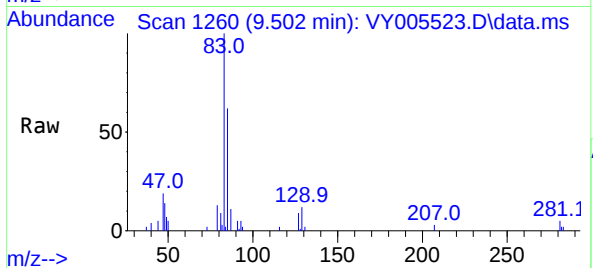
#47
Bromodichloromethane
Concen: 2.321 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	83	Resp:	9500
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.0	76.4
127	8.7	7.0	10.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

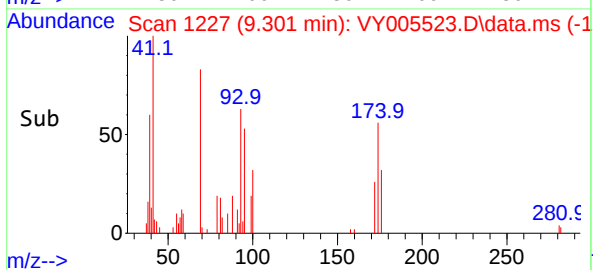
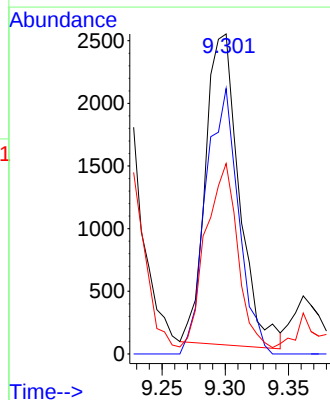
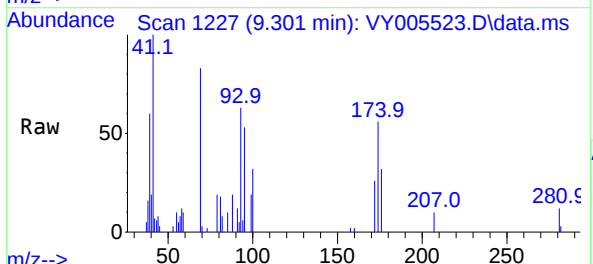
Manual Integrations
APPROVED

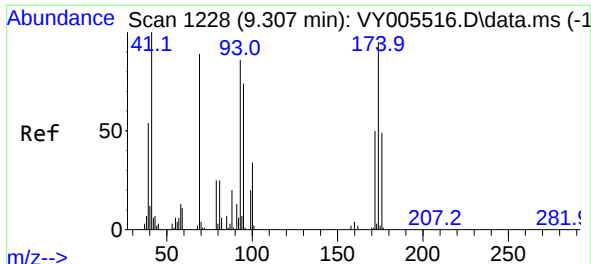
MMDadoda
8/3/2021 4:50:46 PM



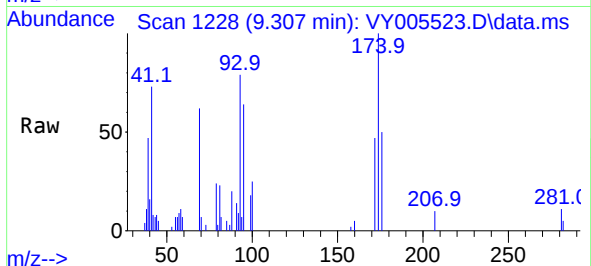
#48
Methyl methacrylate
Concen: 2.150 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	41	Resp:	4602
Ion	Ratio	Lower	Upper
41	100		
69	82.7	69.0	103.4
39	60.3	46.0	69.0

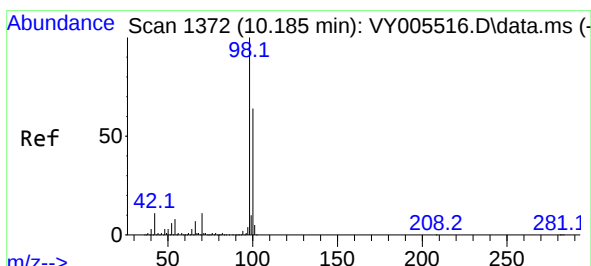
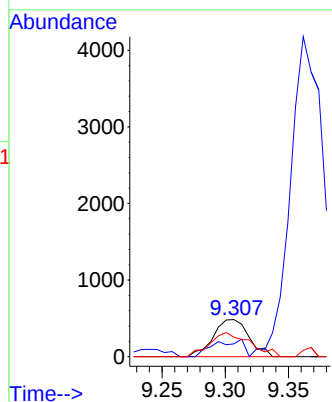
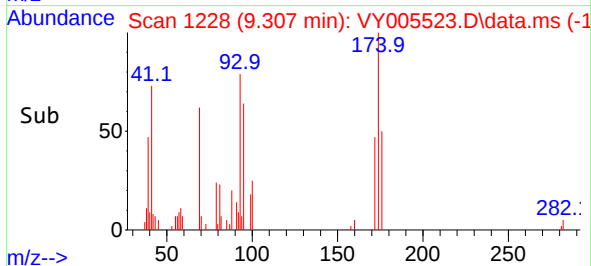




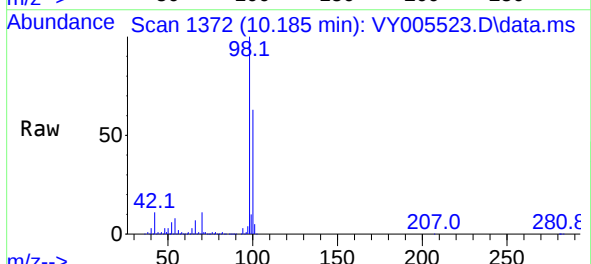
#49
1,4-Dioxane
Concen: 41.707 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



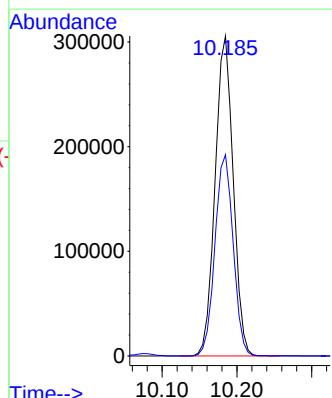
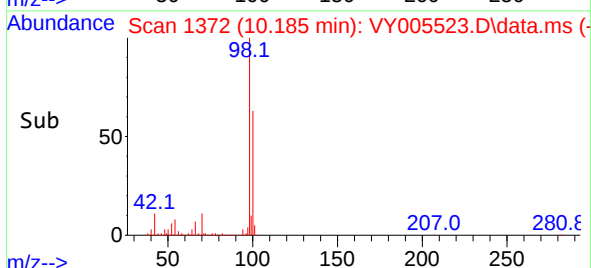
Tgt Ion:	88	Resp:	948
Ion	Ratio	Lower	Upper
88	100		
43	37.7	27.0	40.4
58	73.7	53.8	80.8



#50
Toluene-d8
Concen: 49.859 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



Tgt Ion:	98	Resp:	515350
Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.3	76.9



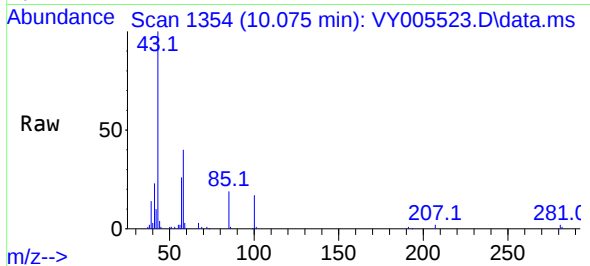
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

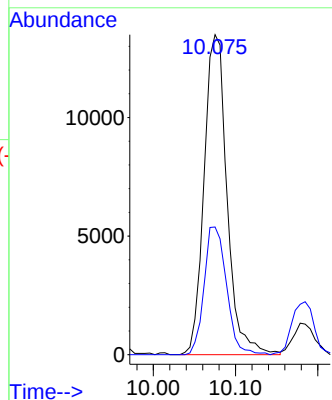
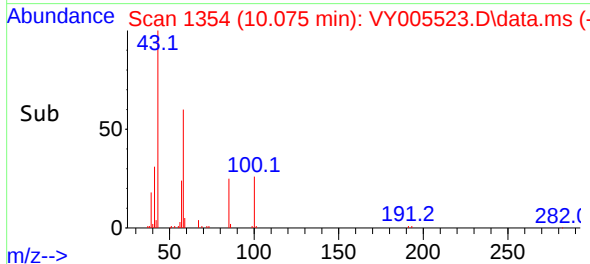
MMDadoda
8/3/2021 4:50:46 PM



#51
4-Methyl-2-Pentanone
Concen: 10.490 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



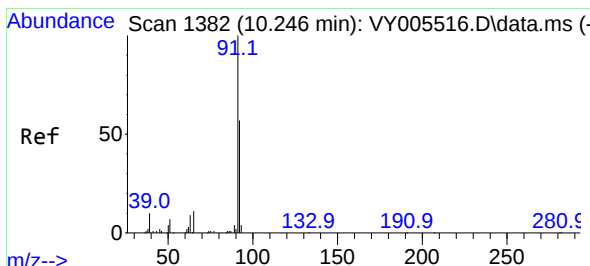
Tgt Ion: 43 Resp: 26159
Ion Ratio Lower Upper
43 100
58 38.9 31.4 47.2



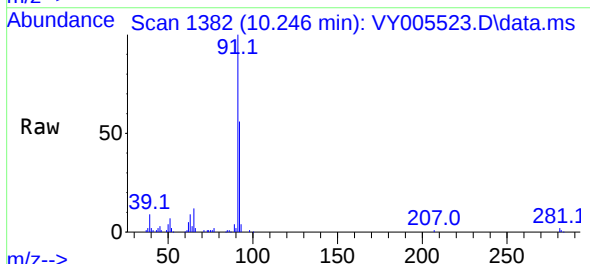
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

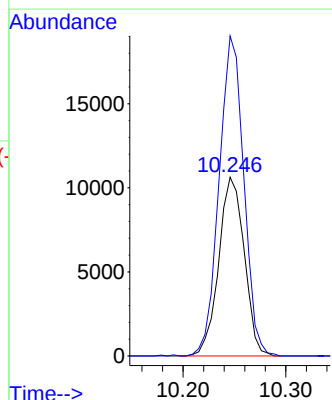
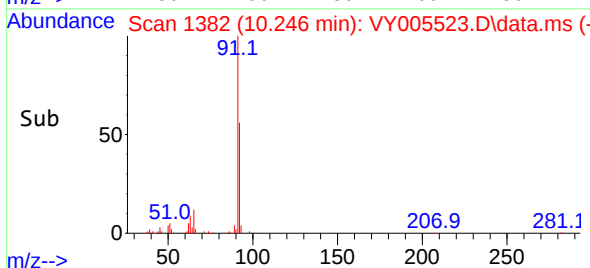
MMDadoda
8/3/2021 4:50:46 PM

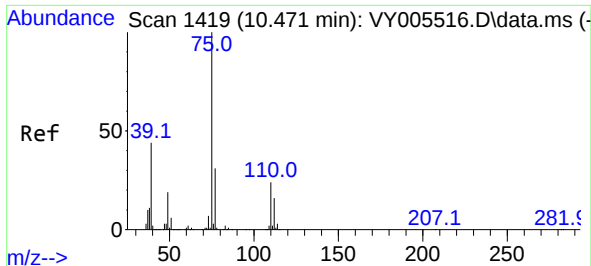


#52
Toluene
Concen: 2.431 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



Tgt Ion: 92 Resp: 18324
Ion Ratio Lower Upper
92 100
91 173.3 139.6 209.4





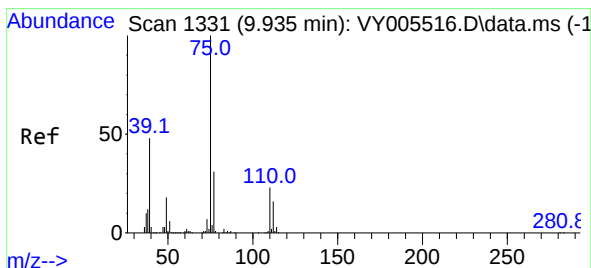
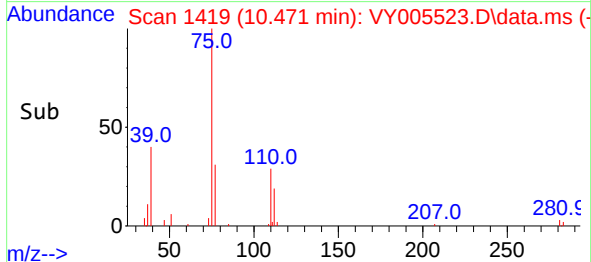
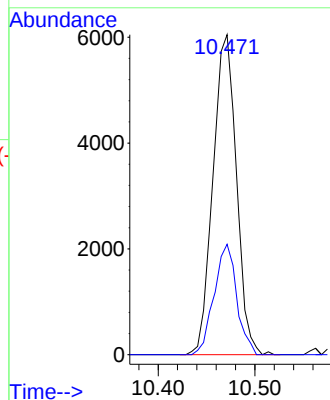
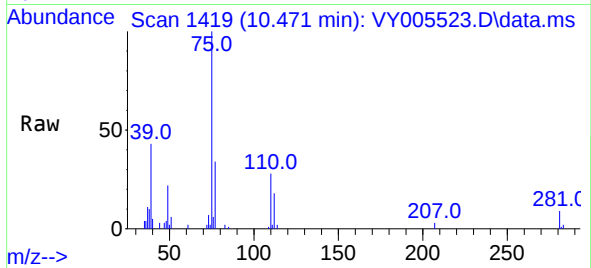
#53
t-1,3-Dichloropropene
Concen: 2.225 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 75 Resp: 10179
Ion Ratio Lower Upper
75 100
77 34.5 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

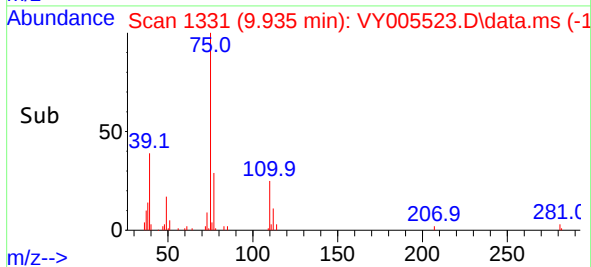
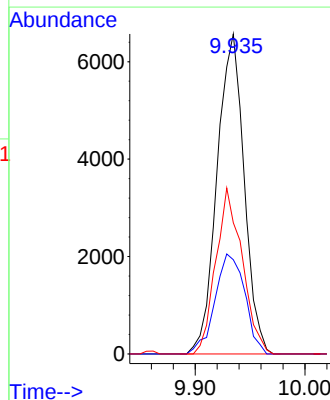
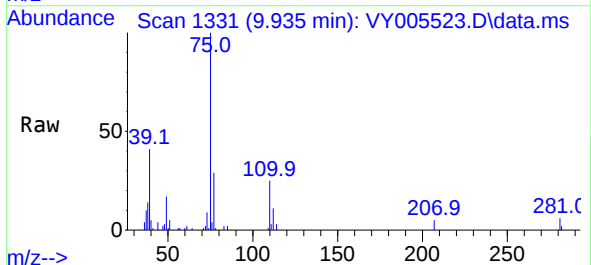
Manual Integrations
APPROVED

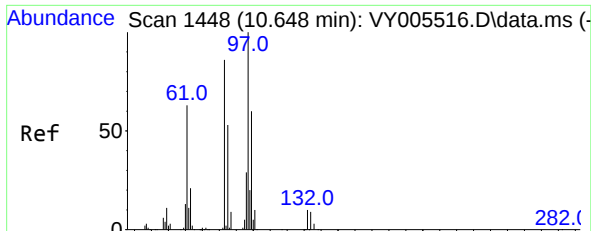
MMDadoda
8/3/2021 4:50:46 PM



#54
cis-1,3-Dichloropropene
Concen: 2.270 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

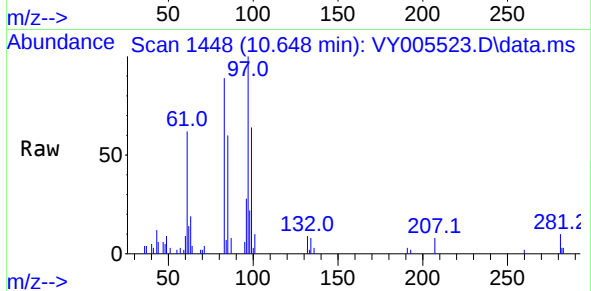
Tgt Ion: 75 Resp: 11270
Ion Ratio Lower Upper
75 100
77 29.5 24.6 36.8
39 41.0 38.1 57.1





#55
1,1,2-Trichloroethane
Concen: 2.345 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

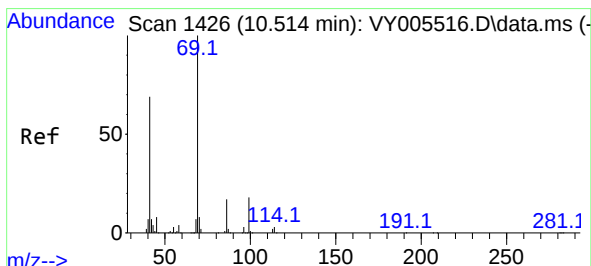
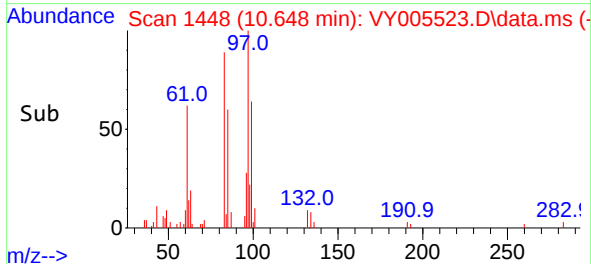
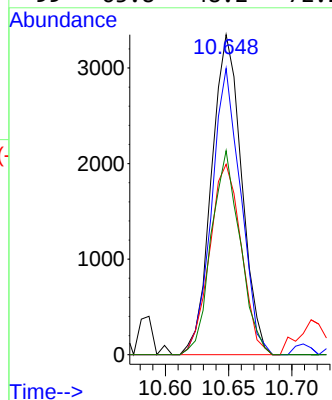
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021



Tgt Ion:	97	Resp:	5549
Ion	Ratio	Lower	Upper
97	100		
83	89.5	68.7	103.1
85	59.5	42.4	63.6
99	63.8	48.2	72.2

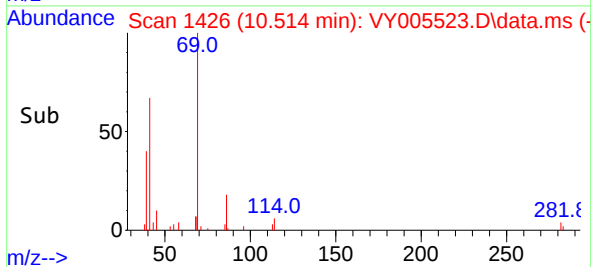
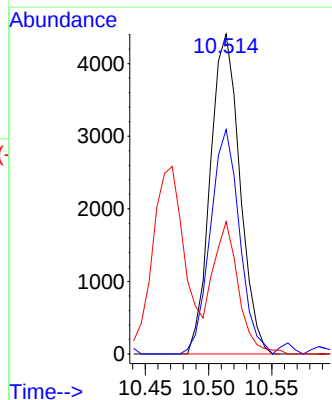
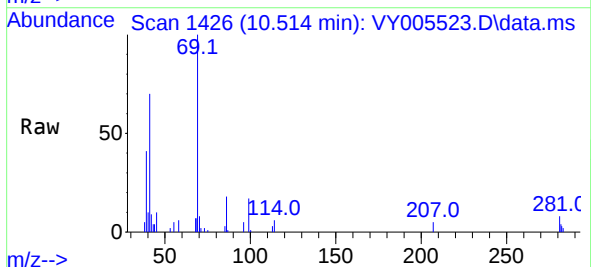
Manual Integrations
APPROVED

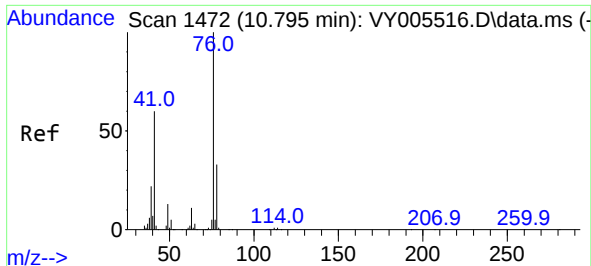
MMDadoda
8/3/2021 4:50:46 PM



#56
Ethyl methacrylate
Concen: 2.022 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	69	Resp:	7164
Ion	Ratio	Lower	Upper
69	100		
41	69.4	53.9	80.9
39	35.3	27.0	40.4





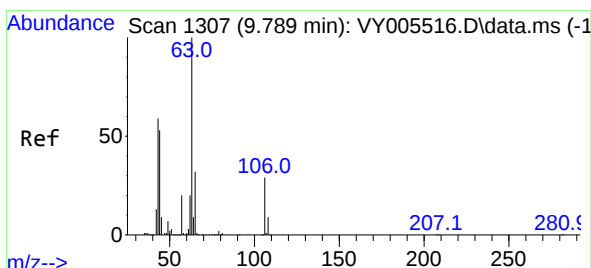
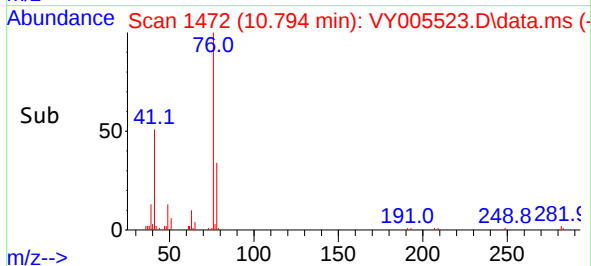
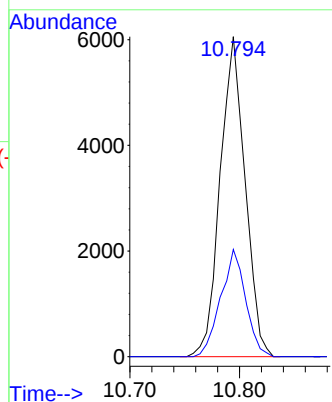
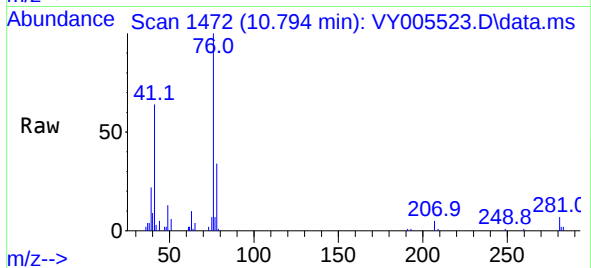
#57
1,3-Dichloropropane
Concen: 2.291 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 76 Resp: 9562
Ion Ratio Lower Upper
76 100
78 33.5 25.7 38.5

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

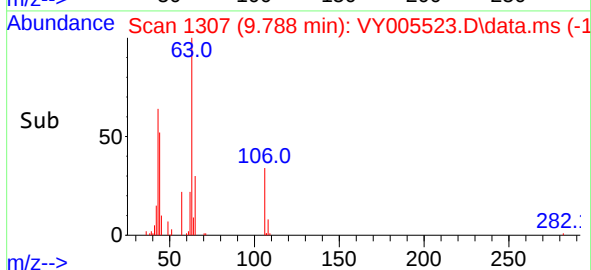
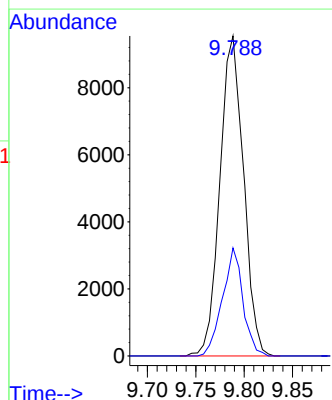
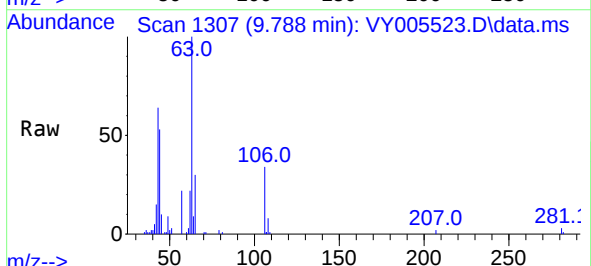
Manual Integrations
APPROVED

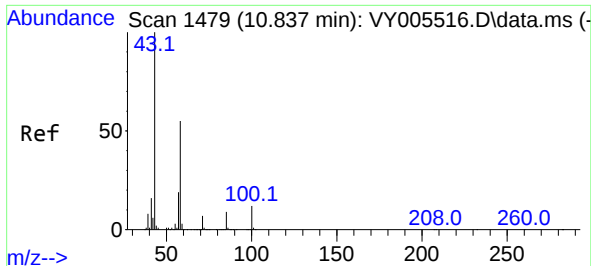
MMDadoda
8/3/2021 4:50:46 PM



#58
2-Chloroethyl Vinyl ether
Concen: 9.562 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 63 Resp: 16189
Ion Ratio Lower Upper
63 100
106 29.2 23.1 34.7





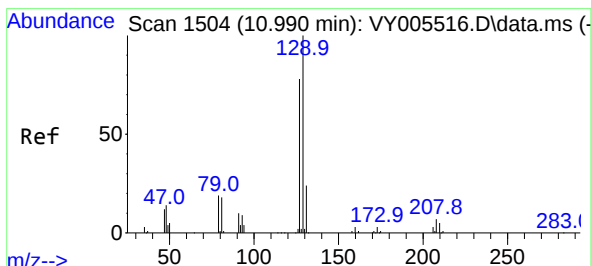
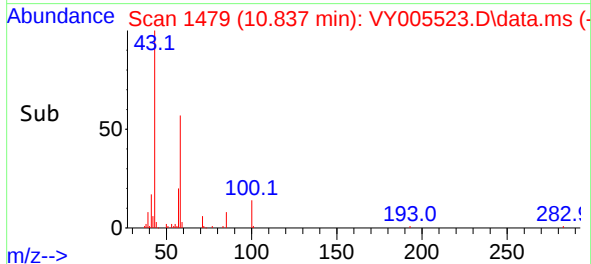
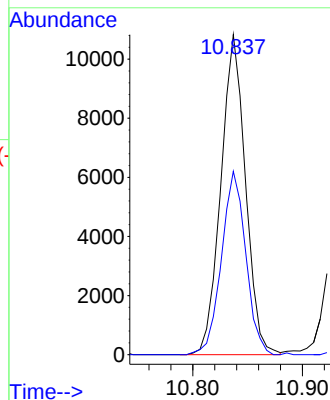
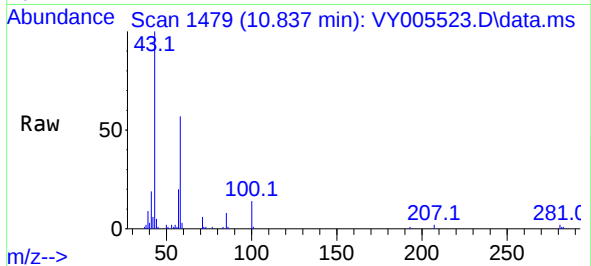
#59
2-Hexanone
Concen: 9.587 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 43 Resp: 16898
Ion Ratio Lower Upper
43 100
58 56.6 27.1 81.2

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

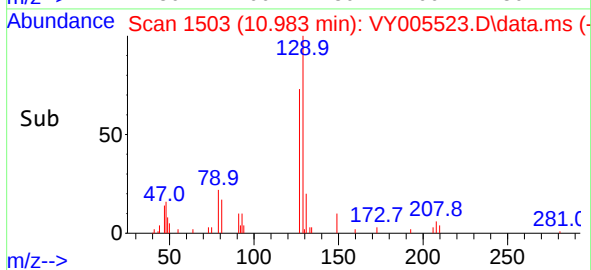
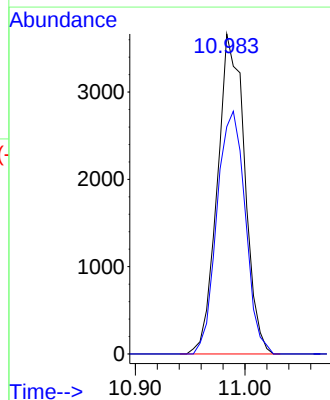
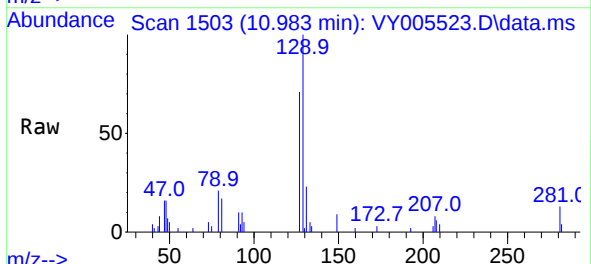
Manual Integrations
APPROVED

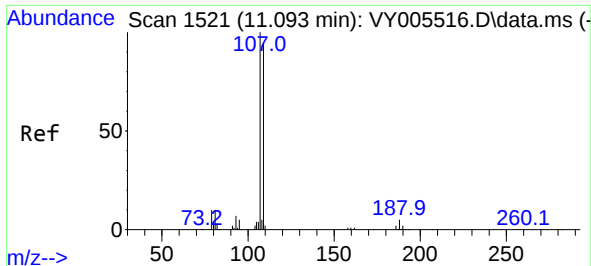
MMDadoda
8/3/2021 4:50:46 PM



#60
Dibromochloromethane
Concen: 2.157 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

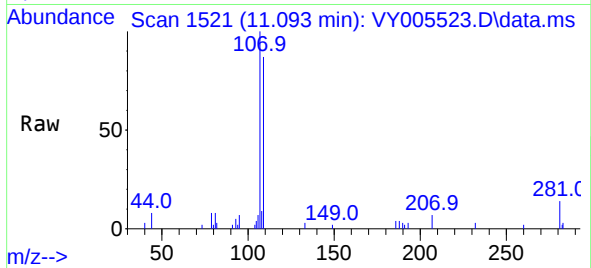
Tgt Ion: 129 Resp: 6317
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.7





#61
1,2-Dibromoethane
Concen: 2.224 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

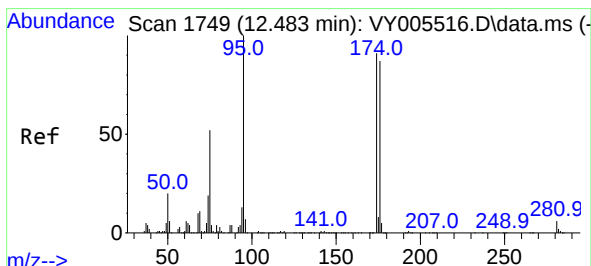
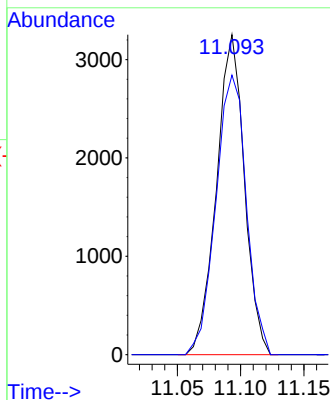
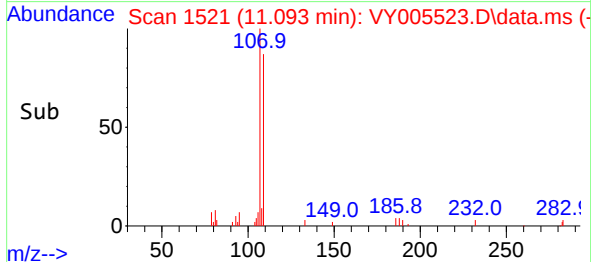
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021



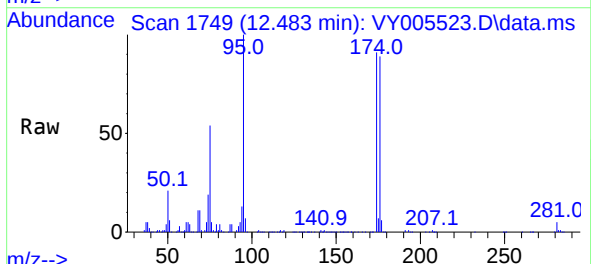
Tgt Ion:107 Resp: 4986
Ion Ratio Lower Upper
107 100
109 95.3 74.7 112.1

Manual Integrations
APPROVED

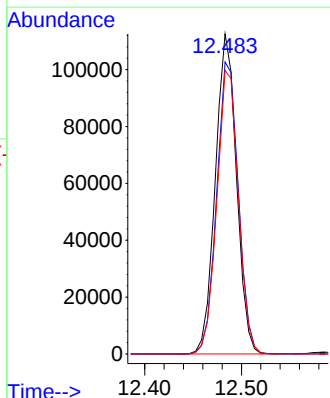
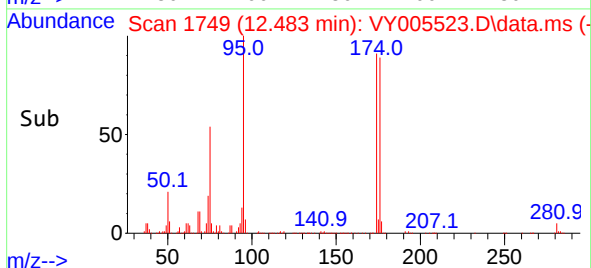
MMDadoda
8/3/2021 4:50:46 PM

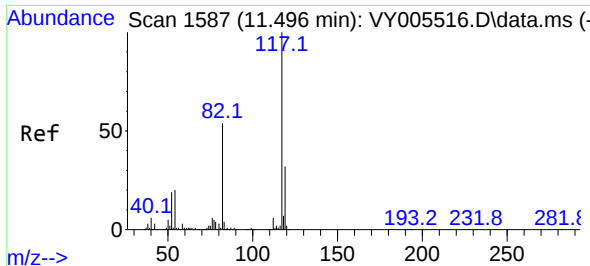


#62
4-Bromofluorobenzene
Concen: 49.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



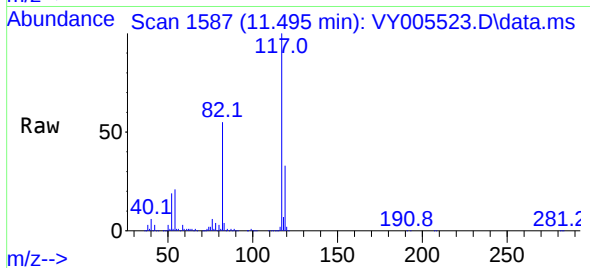
Tgt Ion: 95 Resp: 170456
Ion Ratio Lower Upper
95 100
174 93.5 0.0 191.4
176 90.1 0.0 183.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

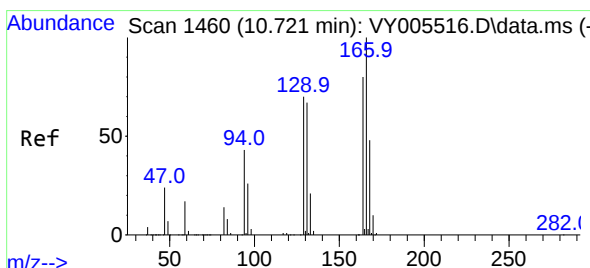
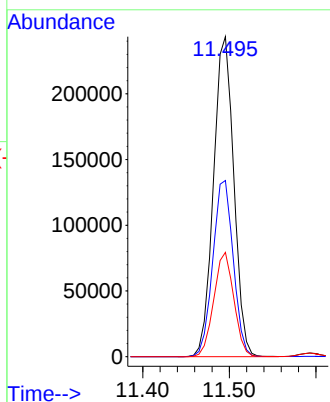
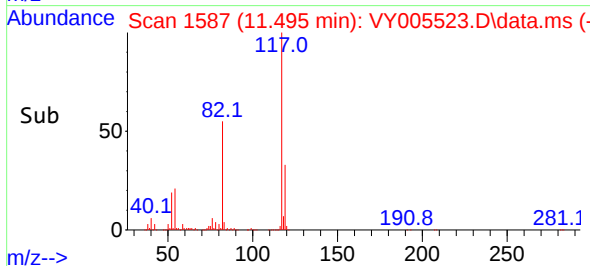
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021



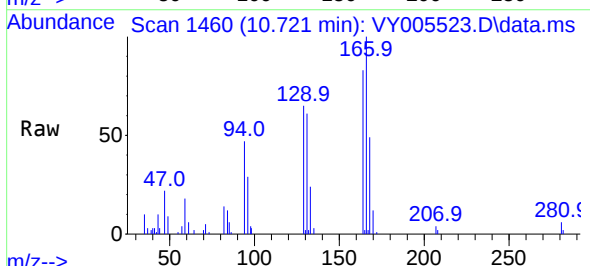
Tgt Ion:117 Resp: 396510
Ion Ratio Lower Upper
117 100
82 55.0 43.5 65.3
119 32.6 25.5 38.3

Manual Integrations
APPROVED

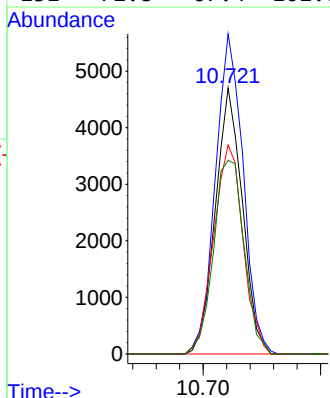
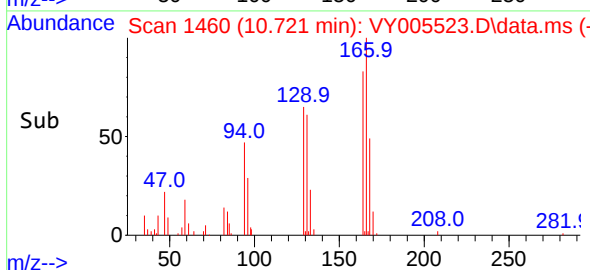
MMDadoda
8/3/2021 4:50:46 PM

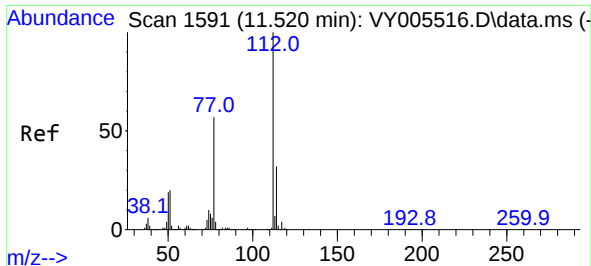


#64
Tetrachloroethene
Concen: 2.491 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



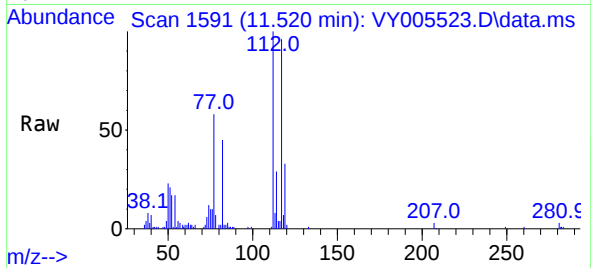
Tgt Ion:164 Resp: 7517
Ion Ratio Lower Upper
164 100
166 120.3 99.8 149.8
129 78.6 70.1 105.1
131 72.8 67.4 101.0





#65
Chlorobenzene
Concen: 2.438 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

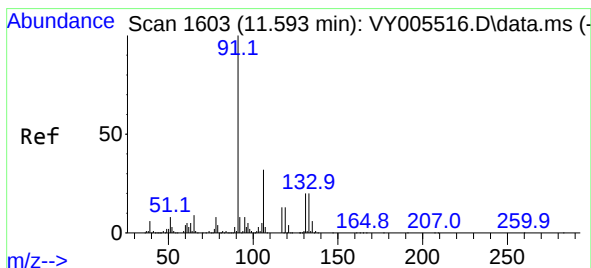
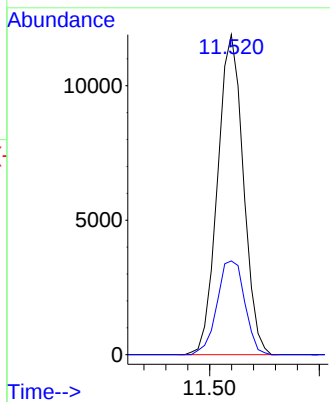
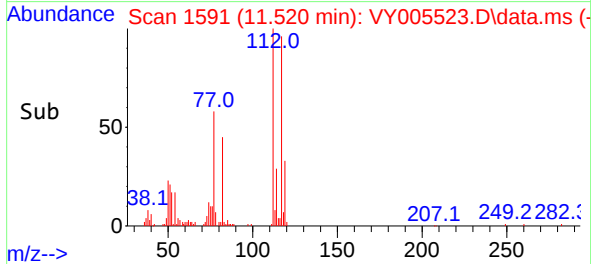
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021



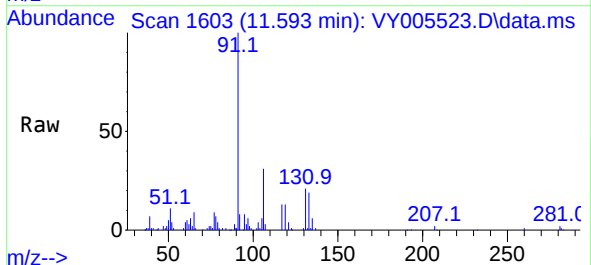
Tgt Ion:112 Resp: 19451
Ion Ratio Lower Upper
112 100
114 29.3 25.2 37.8

Manual Integrations
APPROVED

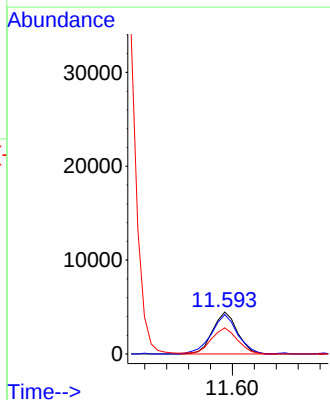
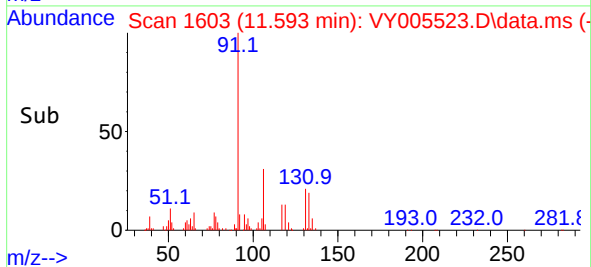
MMDadoda
8/3/2021 4:50:46 PM

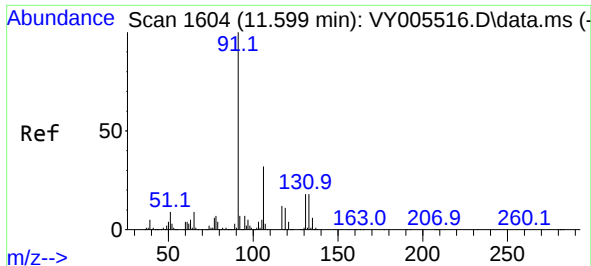


#66
1,1,1,2-Tetrachloroethane
Concen: 2.319 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

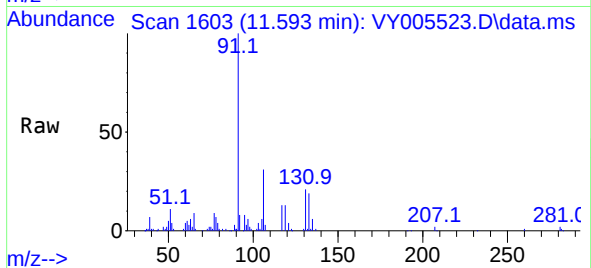


Tgt Ion:131 Resp: 6964
Ion Ratio Lower Upper
131 100
133 99.7 48.2 144.6
119 66.5 31.4 94.0

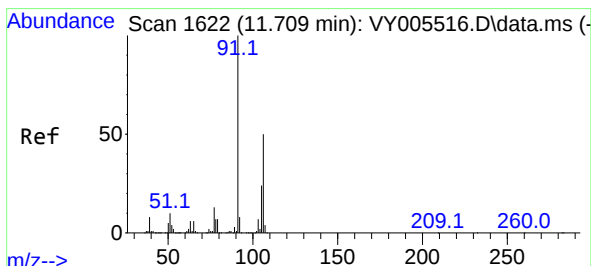
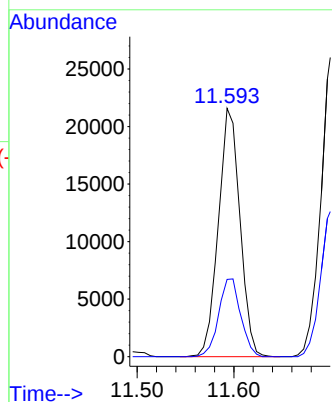
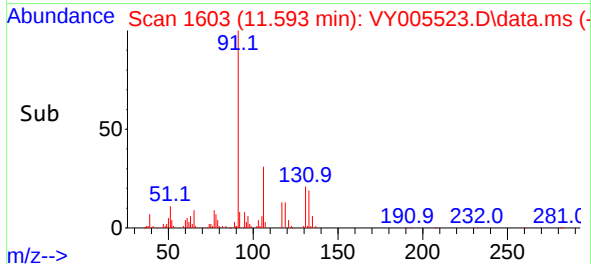




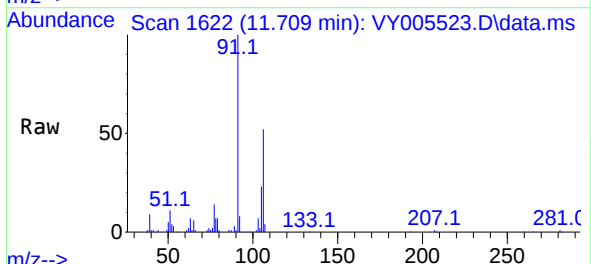
#67
Ethyl Benzene
Concen: 2.309 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



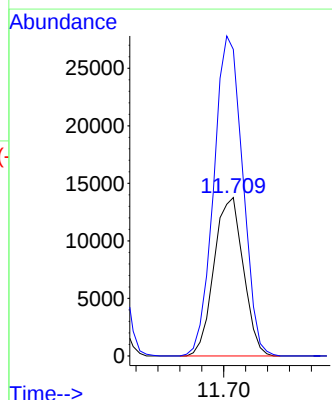
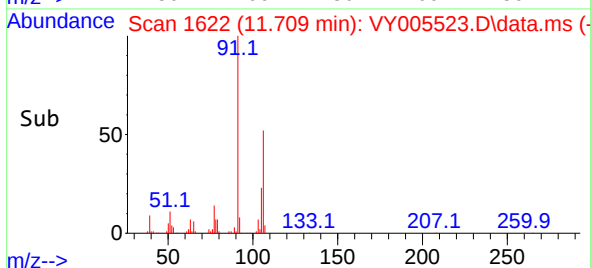
Tgt Ion: 91 Resp: 33413
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.6



#68
m/p-Xylenes
Concen: 4.549 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



Tgt Ion: 106 Resp: 25566
Ion Ratio Lower Upper
106 100
91 199.7 159.6 239.4



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
8/3/2021 4:50:46 PM



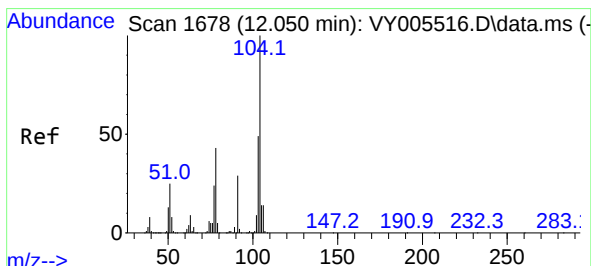
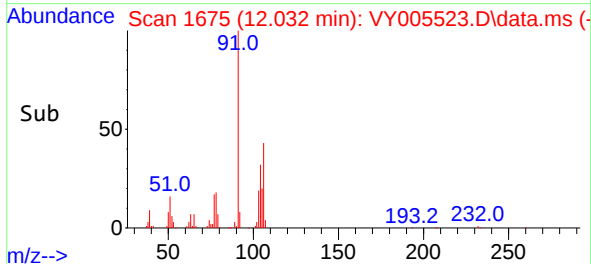
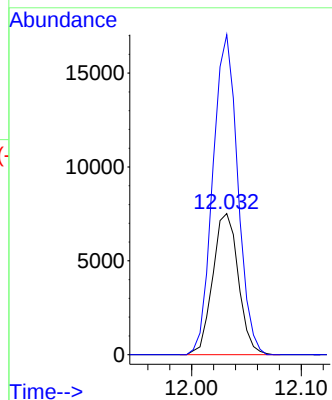
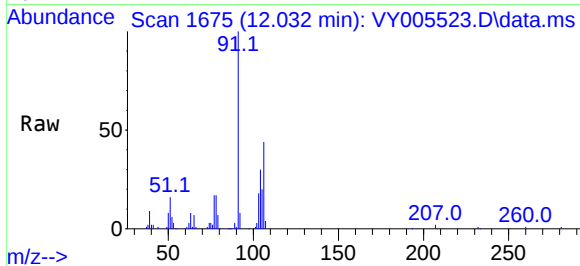
#69
o-Xylene
Concen: 2.260 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:106 Resp: 12209
Ion Ratio Lower Upper
106 100
91 220.2 106.2 318.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

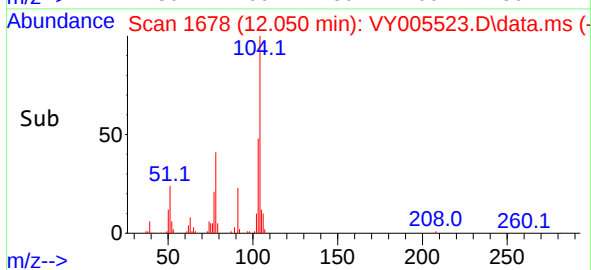
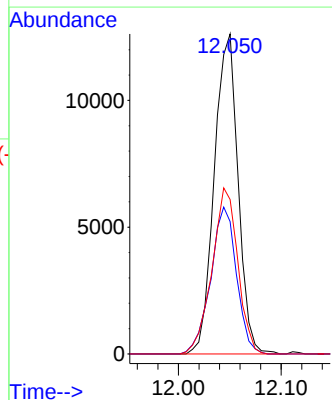
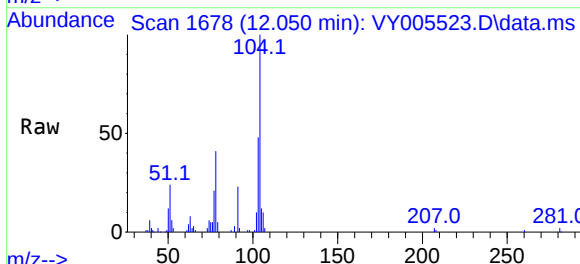
Manual Integrations
APPROVED

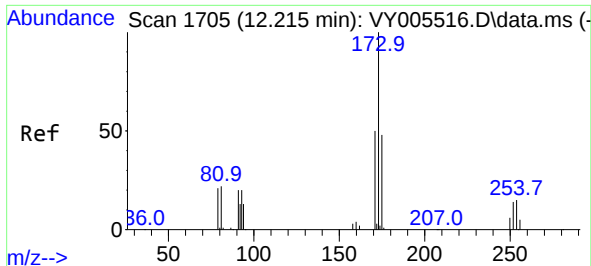
MMDadoda
8/3/2021 4:50:46 PM



#70
Styrene
Concen: 2.227 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:104 Resp: 20246
Ion Ratio Lower Upper
104 100
78 49.9 40.2 60.4
103 56.2 43.8 65.8





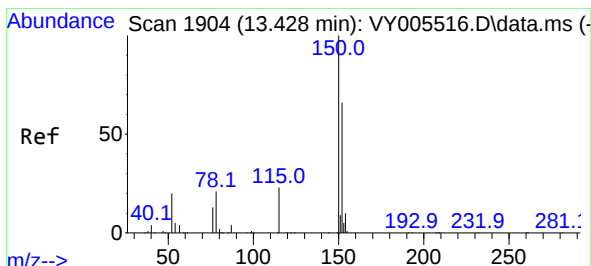
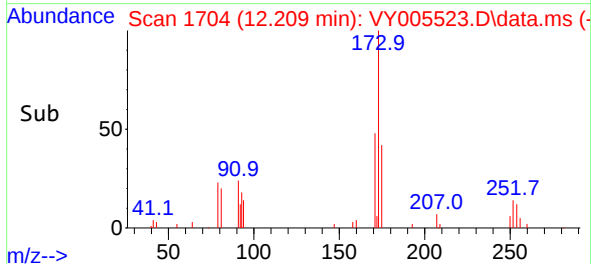
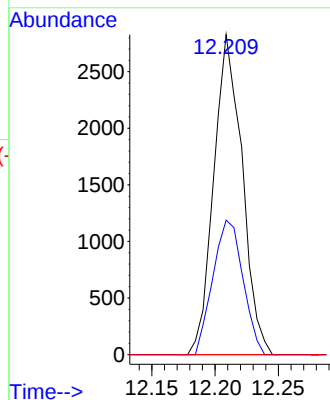
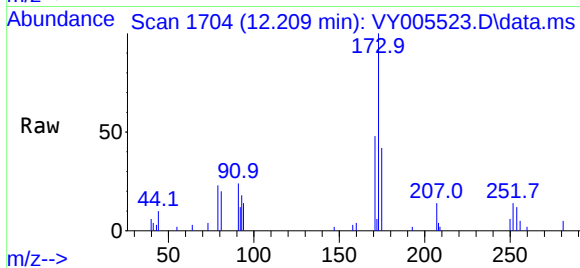
#71
Bromoform
Concen: 2.265 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:173 Resp: 4412
Ion Ratio Lower Upper
173 100
175 44.4 24.3 72.9
254 0.0 0.2 0.2#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

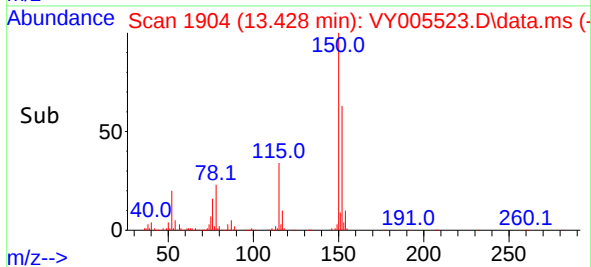
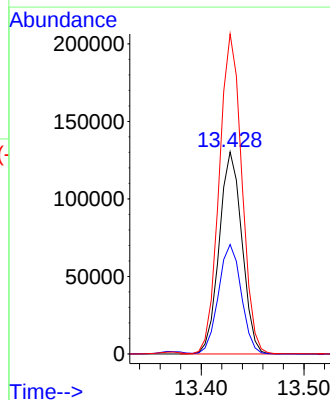
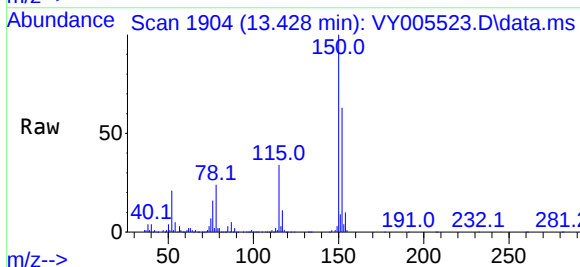
Manual Integrations
APPROVED

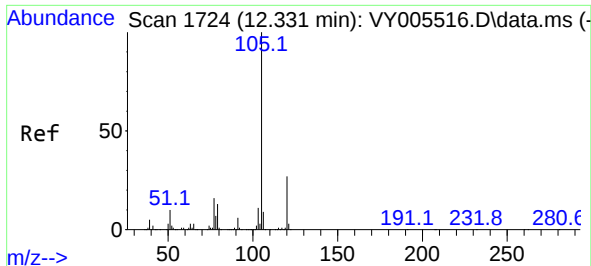
MMDadoda
8/3/2021 4:50:46 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

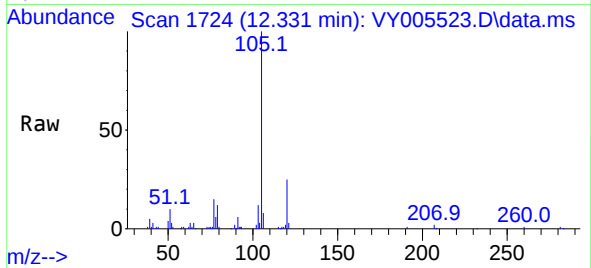
Tgt Ion:152 Resp: 199860
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 157.5 0.0 350.2





#73
Isopropylbenzene
Concen: 2.306 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

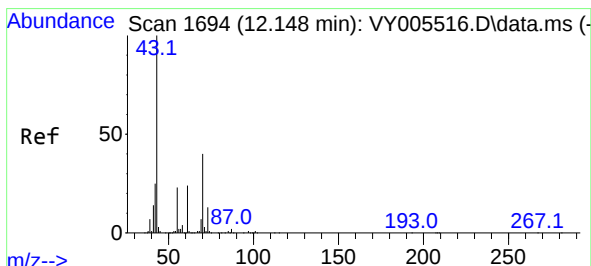
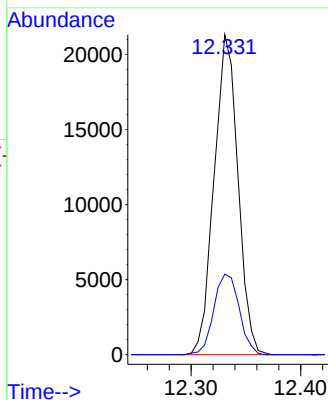
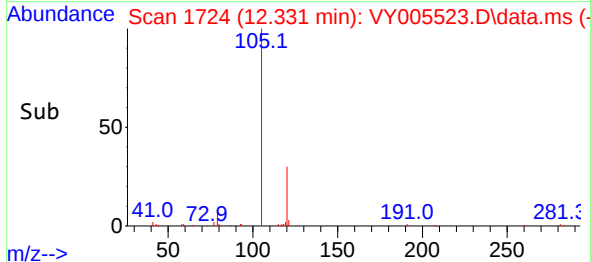
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021



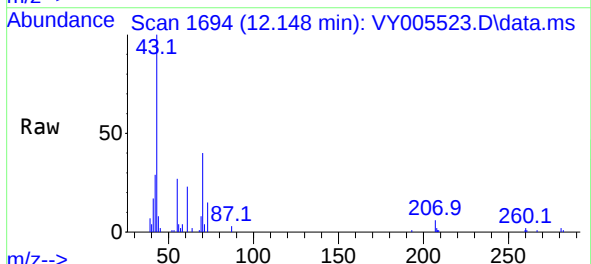
Tgt Ion:105 Resp: 32172
Ion Ratio Lower Upper
105 100
120 26.9 13.7 41.1

Manual Integrations
APPROVED

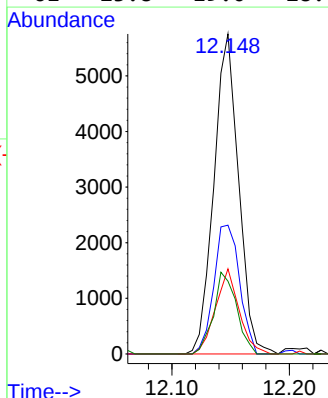
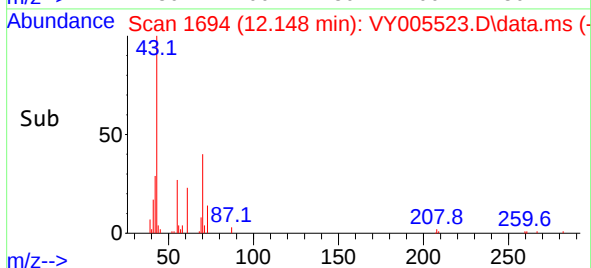
MMDadoda
8/3/2021 4:50:46 PM

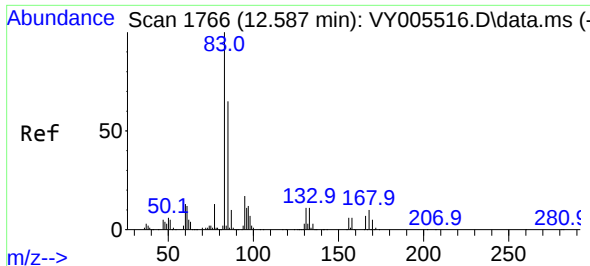


#74
N-ethyl acetate
Concen: 2.002 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



Tgt Ion: 43 Resp: 8406
Ion Ratio Lower Upper
43 100
70 41.9 32.9 49.3
55 25.4 18.9 28.3
61 23.8 19.0 28.6





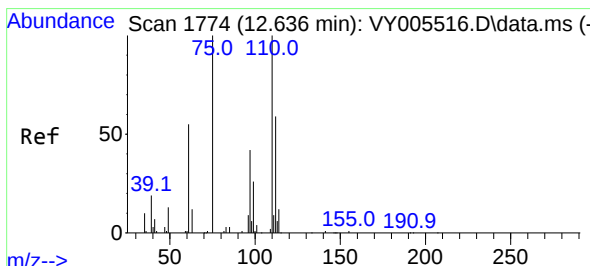
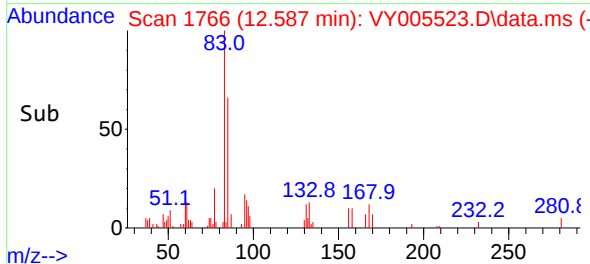
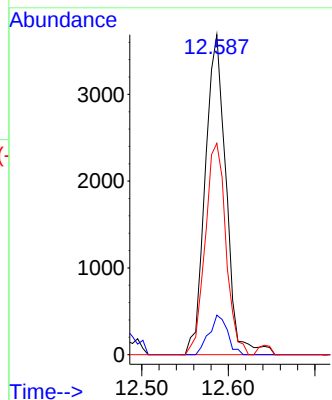
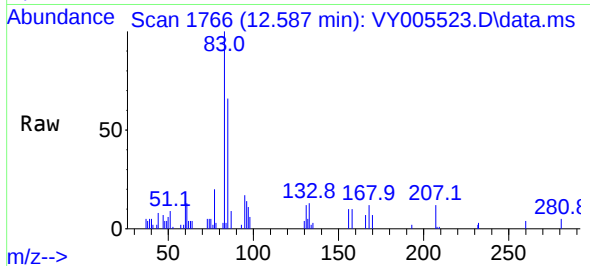
#75
1,1,2,2-Tetrachloroethane
Concen: 2.296 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	83	Resp:	6162
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.6	16.8
85	65.6	32.0	96.2

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

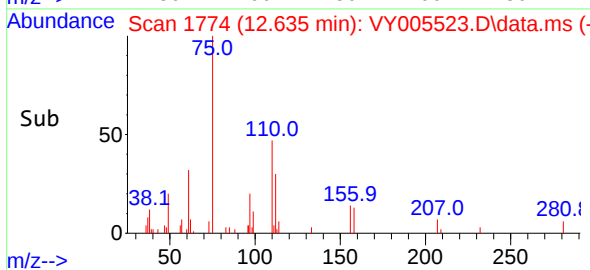
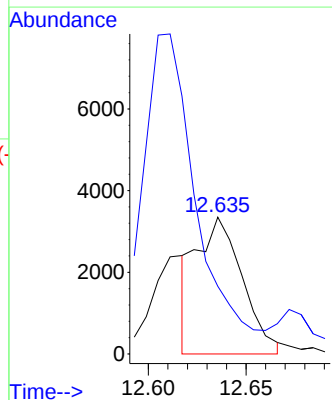
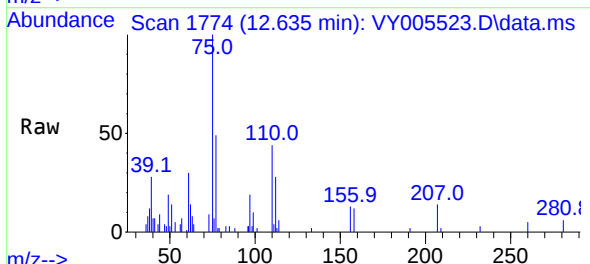
Manual Integrations
APPROVED

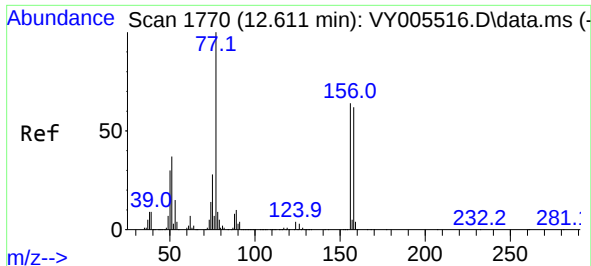
MMDadoda
8/3/2021 4:50:46 PM



#76
1,2,3-Trichloropropane
Concen: 2.634 ug/l m
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	75	Resp:	5455
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





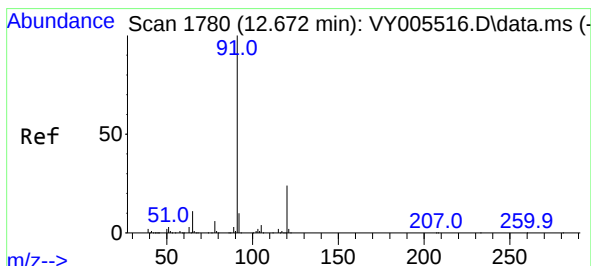
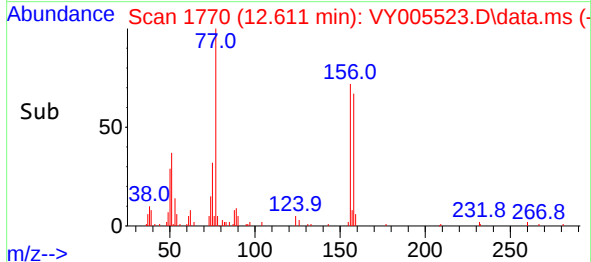
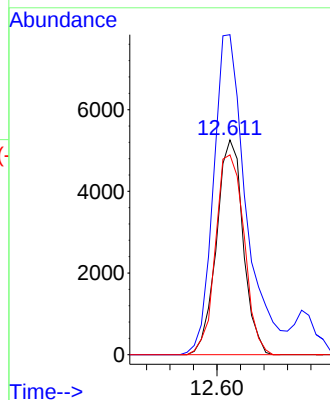
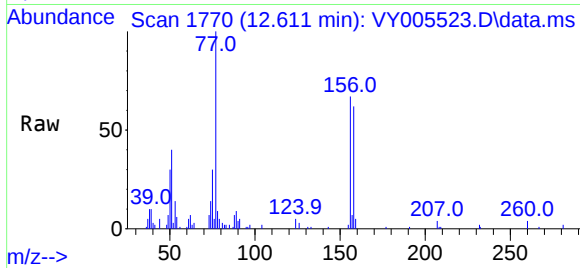
#77
Bromobenzene
Concen: 2.422 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	156	Resp:	8301
Ion Ratio	Lower	Upper	
156	100		
77	182.9	85.5	256.5
158	99.7	48.5	145.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

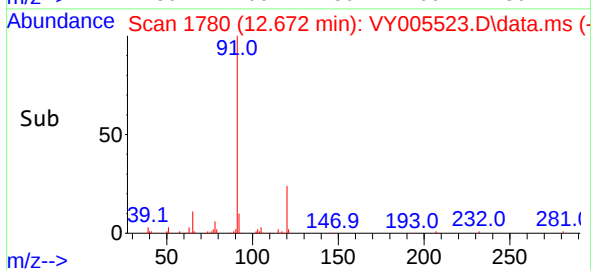
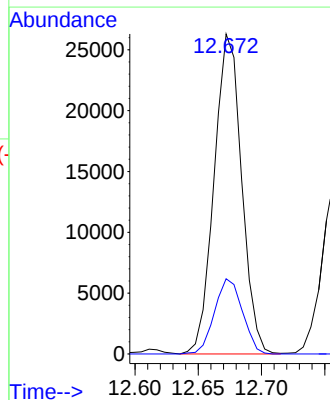
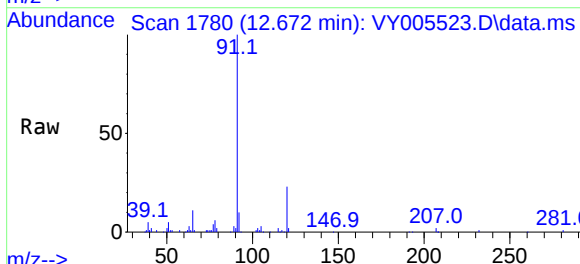
Manual Integrations
APPROVED

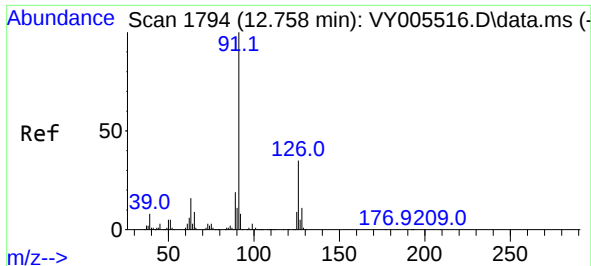
MMDadoda
8/3/2021 4:50:46 PM



#78
n-propylbenzene
Concen: 2.400 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	91	Resp:	39772
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9





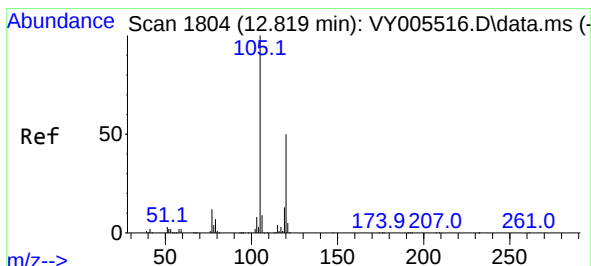
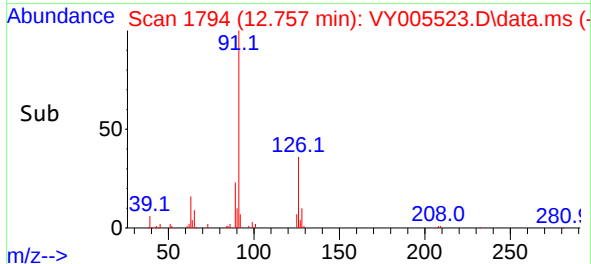
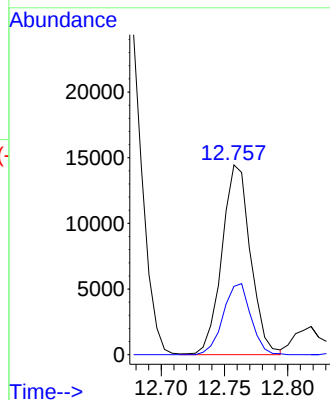
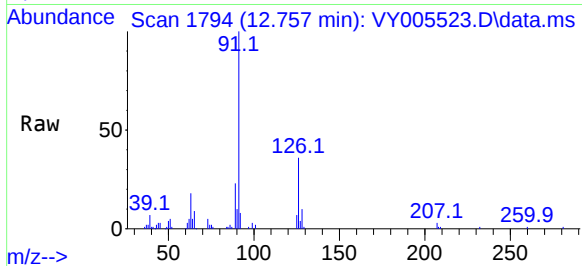
#79
2-Chlorotoluene
Concen: 2.443 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion: 91 Resp: 22731
Ion Ratio Lower Upper
91 100
126 36.0 17.5 52.6

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

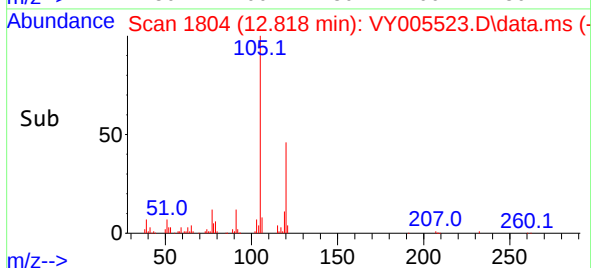
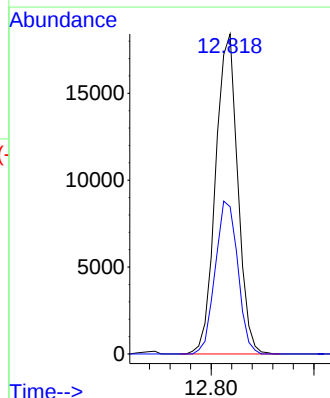
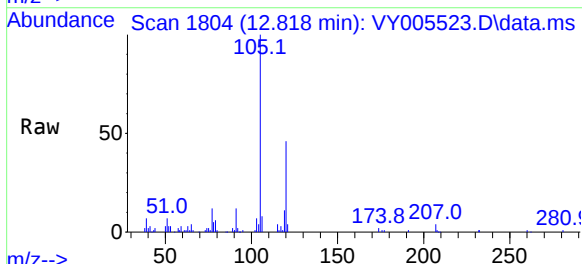
Manual Integrations
APPROVED

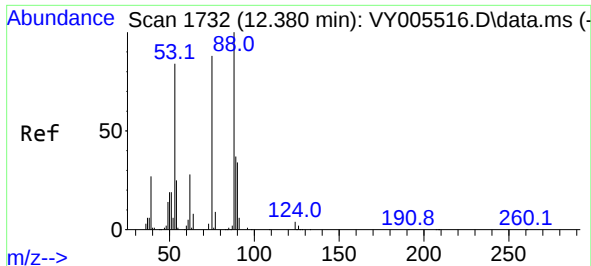
MMDadoda
8/3/2021 4:50:46 PM



#80
1,3,5-Trimethylbenzene
Concen: 2.375 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

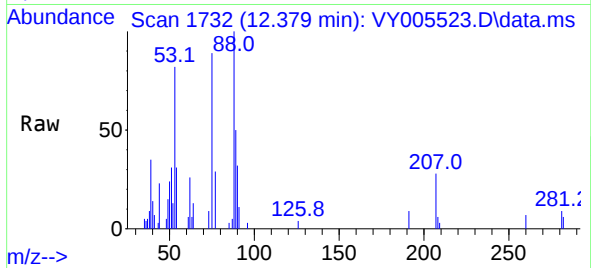
Tgt Ion: 105 Resp: 27501
Ion Ratio Lower Upper
105 100
120 48.6 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 2.163 ug/l m
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

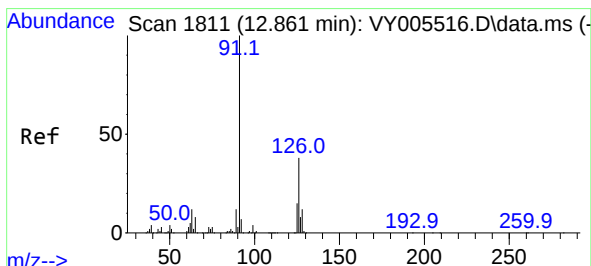
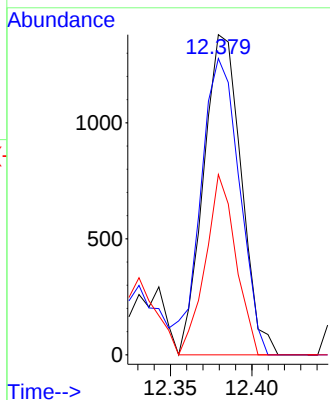
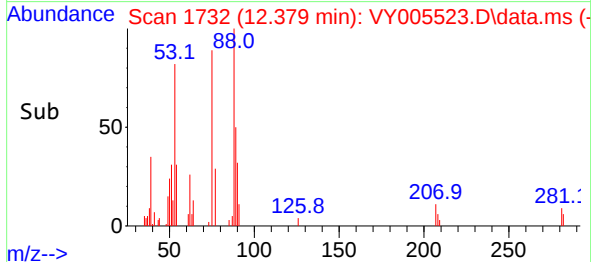
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021



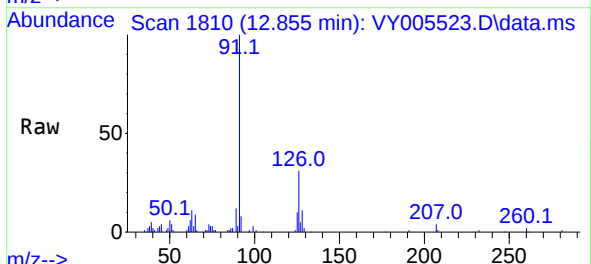
Tgt Ion: 75 Resp: 2222
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 1.8 38.4 57.6#

Manual Integrations
APPROVED

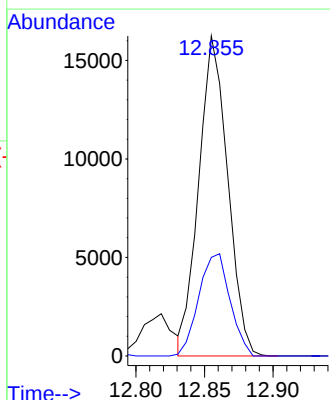
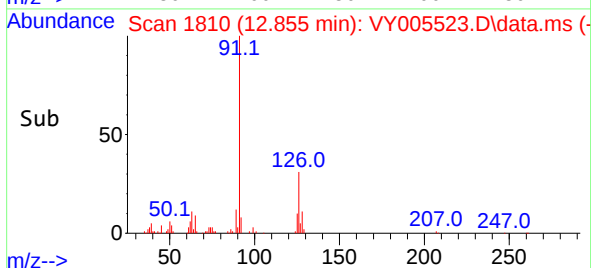
MMDadoda
8/3/2021 4:50:46 PM

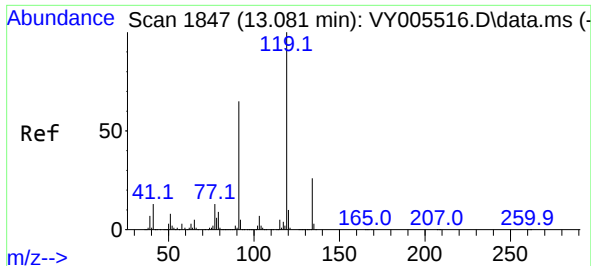


#82
4-Chlorotoluene
Concen: 2.479 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

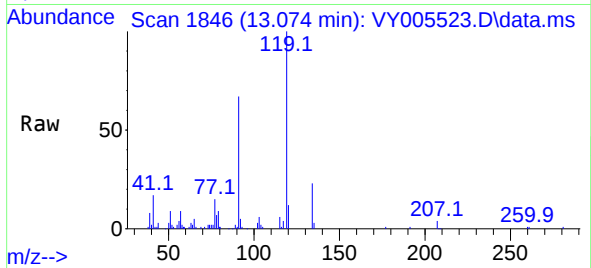


Tgt Ion: 91 Resp: 23863
Ion Ratio Lower Upper
91 100
126 34.5 17.5 52.5

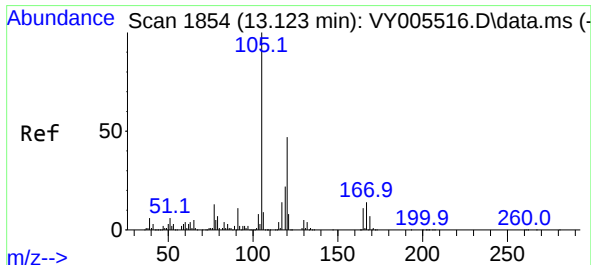
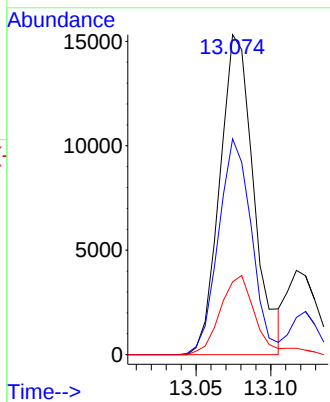
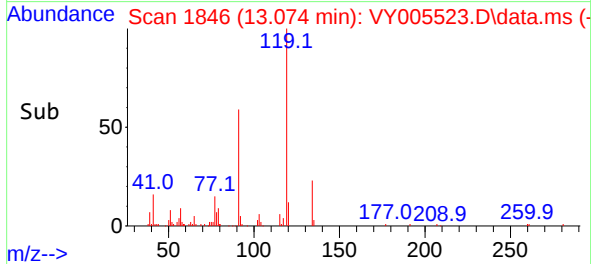




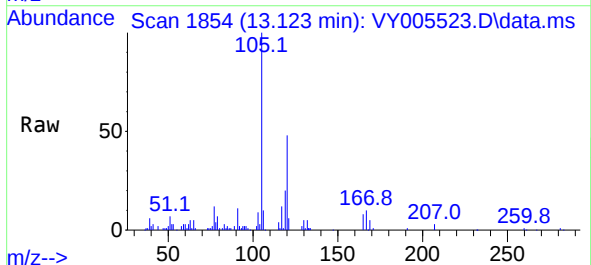
#83
tert-Butylbenzene
Concen: 2.329 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



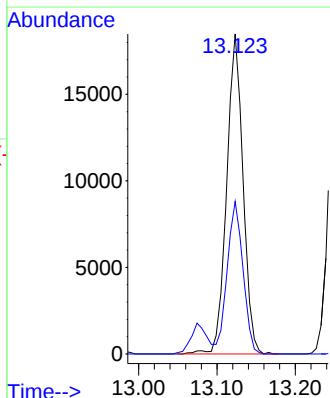
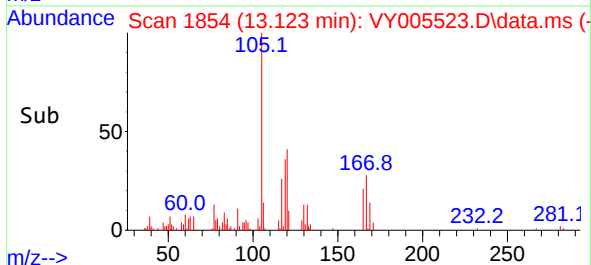
Tgt Ion:119 Resp: 24192
Ion Ratio Lower Upper
119 100
91 65.8 31.9 95.9
134 26.0 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 2.349 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



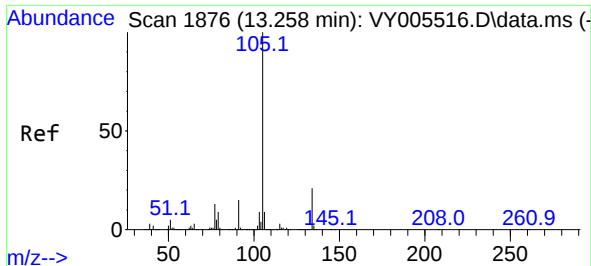
Tgt Ion:105 Resp: 26837
Ion Ratio Lower Upper
105 100
120 46.5 22.9 68.5



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
8/3/2021 4:50:46 PM



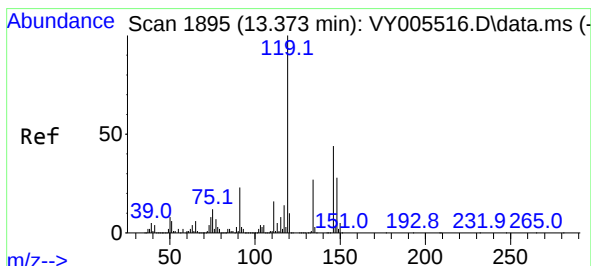
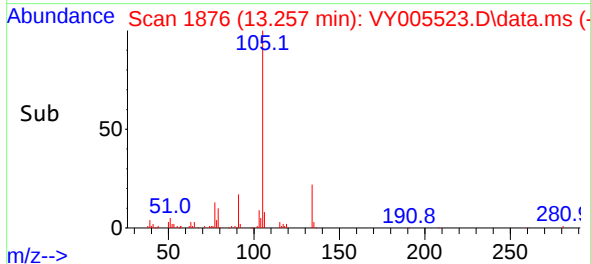
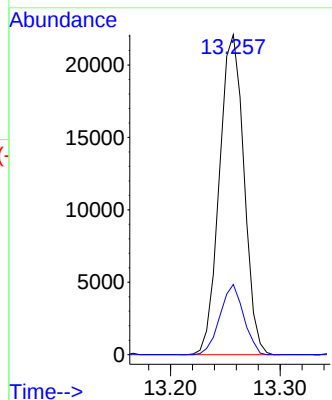
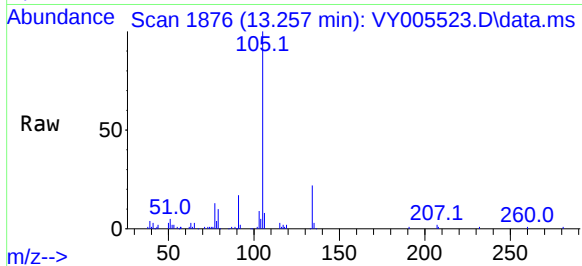
#85
 sec-Butylbenzene
 Concen: 2.299 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY005523.D
 Acq: 02 Aug 2021 15:57

Tgt Ion: 105 Resp: 34448
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.5

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

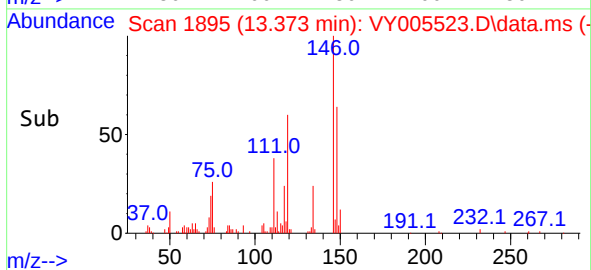
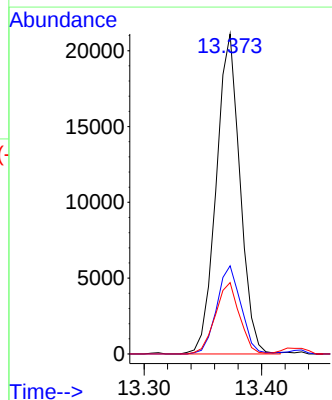
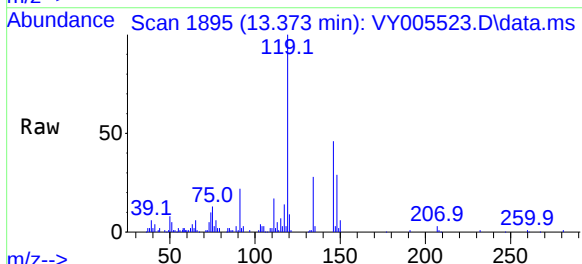
Manual Integrations
 APPROVED

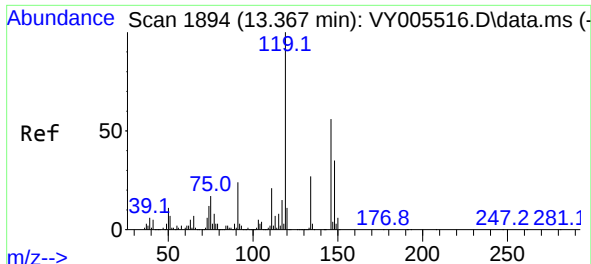
MMDadoda
 8/3/2021 4:50:46 PM



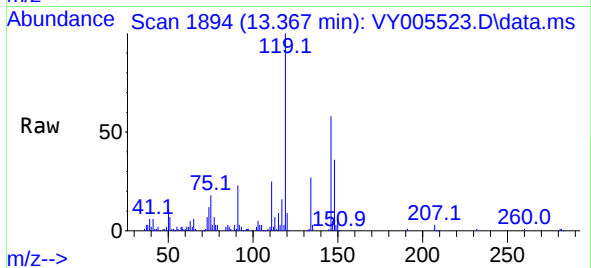
#86
 p-Isopropyltoluene
 Concen: 2.308 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY005523.D
 Acq: 02 Aug 2021 15:57

Tgt Ion: 119 Resp: 29690
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.6 40.7
 91 22.6 11.6 34.7

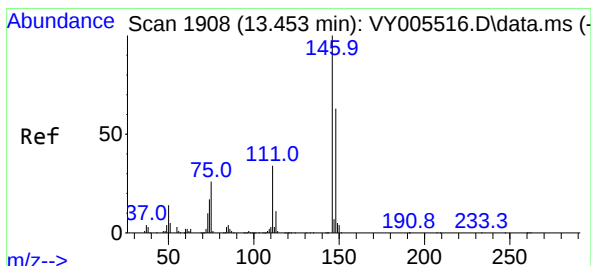
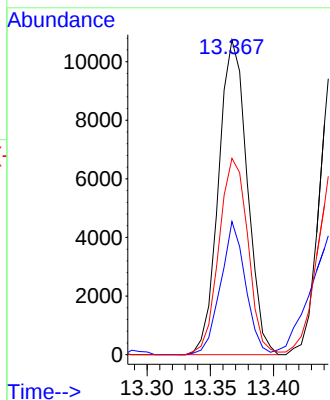
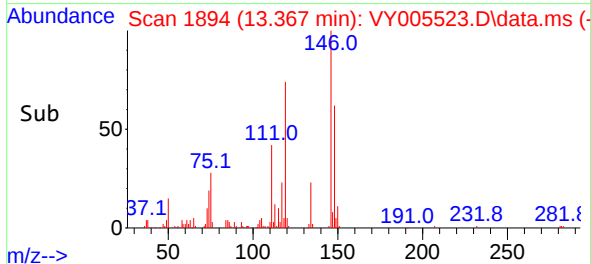




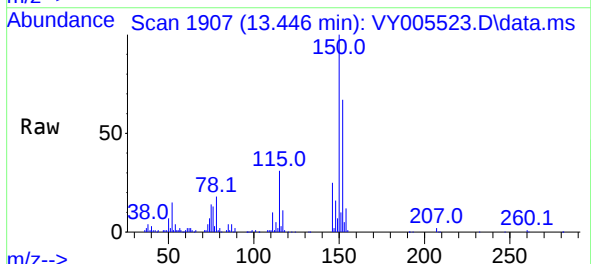
#87
1,3-Dichlorobenzene
Concen: 2.528 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



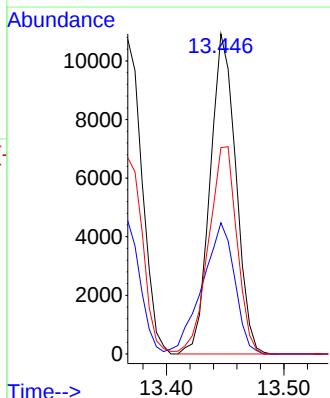
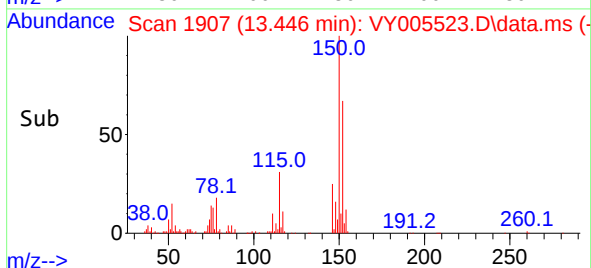
Tgt Ion:146 Resp: 16908
Ion Ratio Lower Upper
146 100
111 36.8 18.6 56.0
148 63.2 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 2.510 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



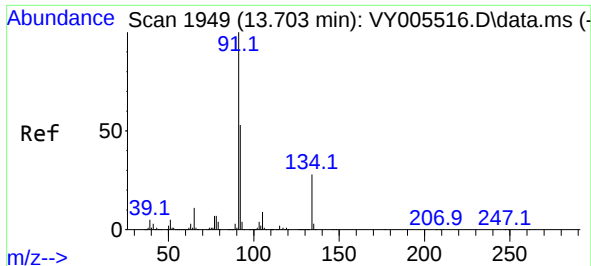
Tgt Ion:146 Resp: 16656
Ion Ratio Lower Upper
146 100
111 51.7 18.1 54.3
148 71.5 31.8 95.3



Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
8/3/2021 4:50:46 PM



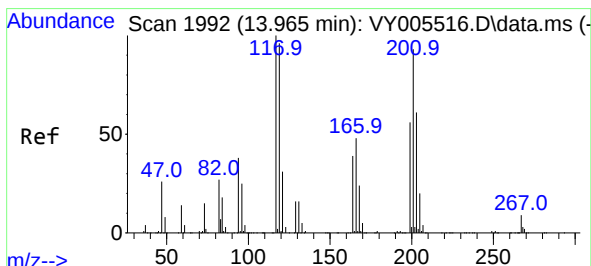
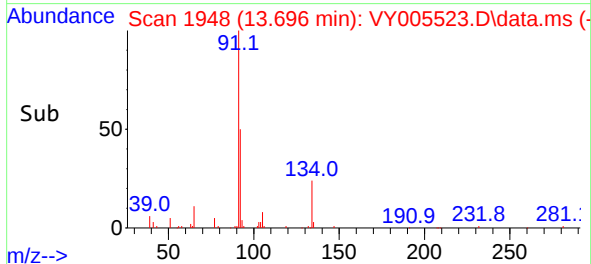
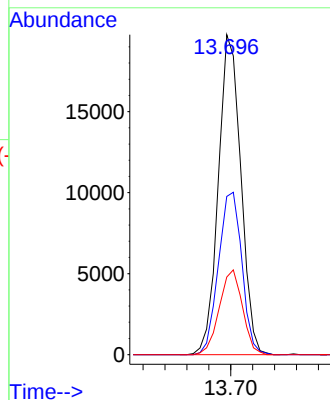
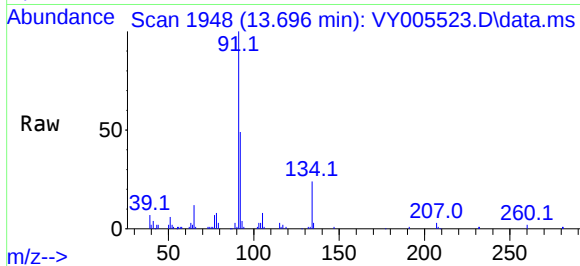
#89
n-Butylbenzene
Concen: 2.422 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	91	Resp:	28230
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.7	80.1
134	27.2	13.8	41.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

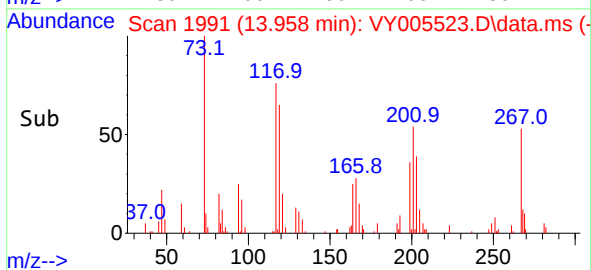
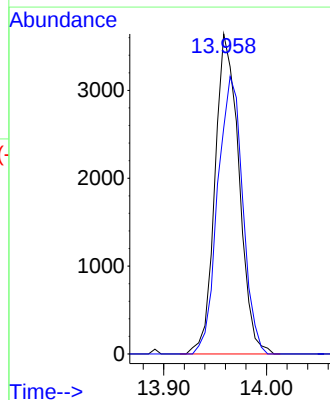
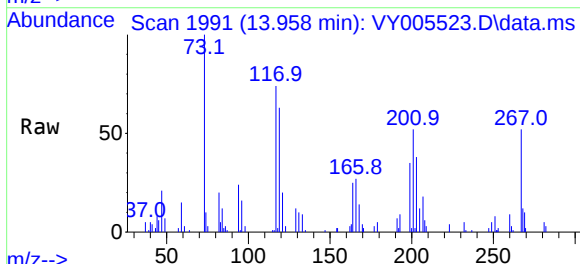
Manual Integrations
APPROVED

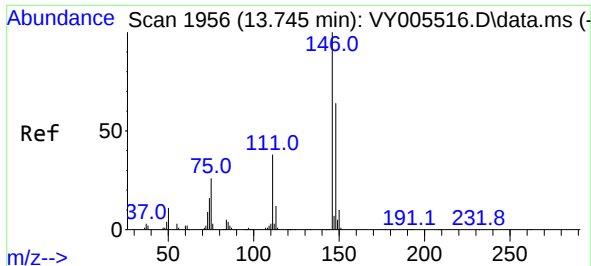
MMDadoda
8/3/2021 4:50:46 PM



#90
Hexachloroethane
Concen: 2.551 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	117	Resp:	5901
Ion	Ratio	Lower	Upper
117	100		
201	90.3	46.7	140.1





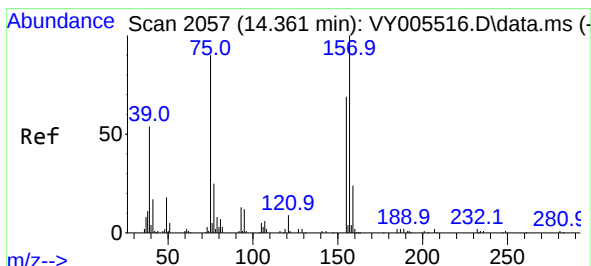
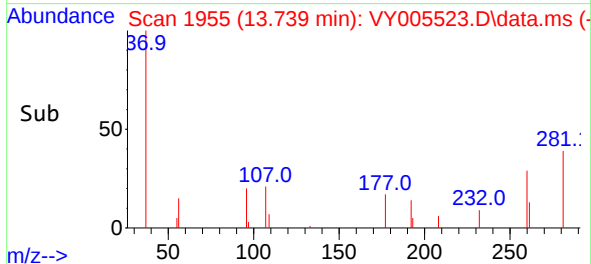
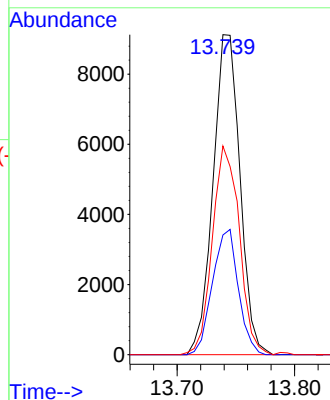
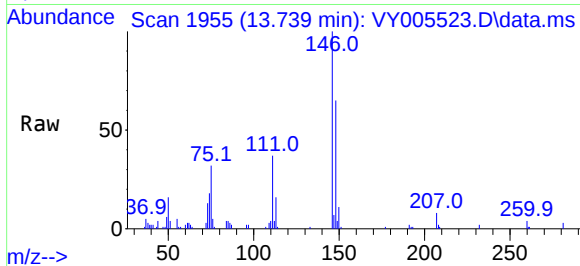
#91
1,2-Dichlorobenzene
Concen: 2.463 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

Tgt Ion:	146	Resp:	14548
Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.4	58.2
148	65.1	31.9	95.5

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

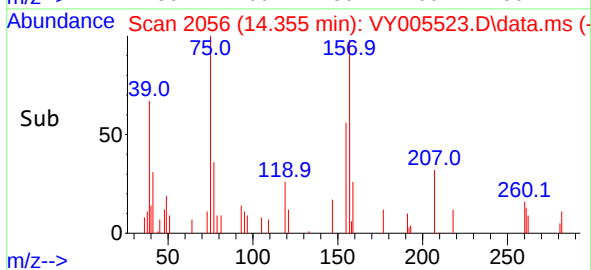
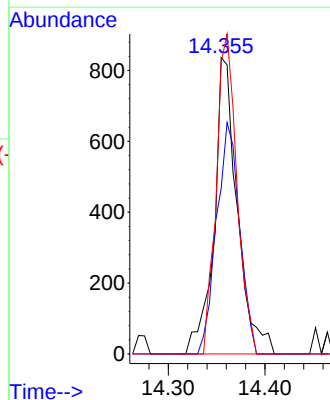
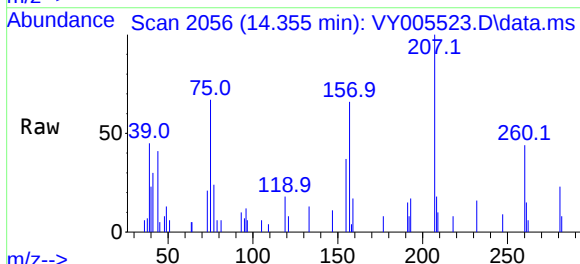
Manual Integrations
APPROVED

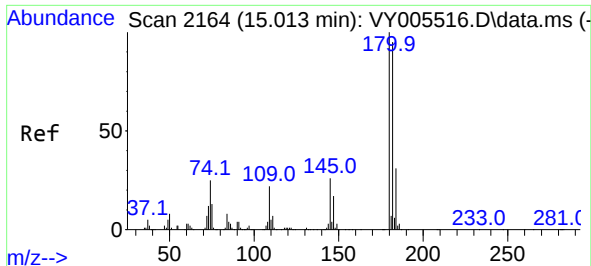
MMDadoda
8/3/2021 4:50:46 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.731 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

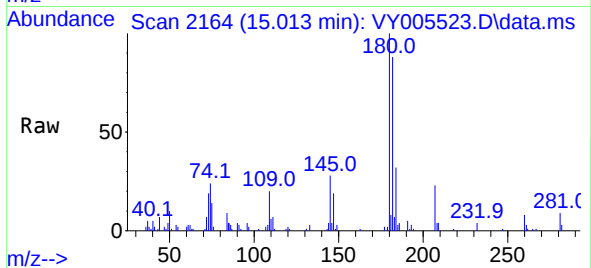
Tgt Ion:	75	Resp:	1389
Ion	Ratio	Lower	Upper
75	100		
155	77.5	42.4	127.1
157	96.6	56.0	168.2





#93
1,2,4-Trichlorobenzene
Concen: 2.678 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

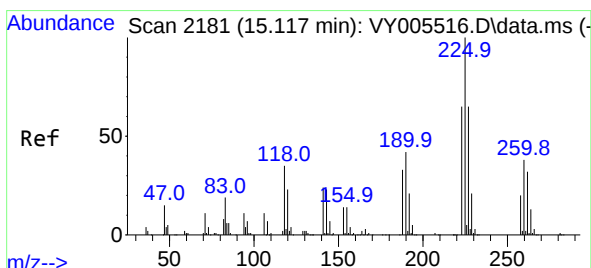
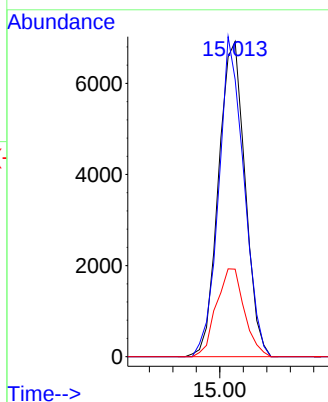
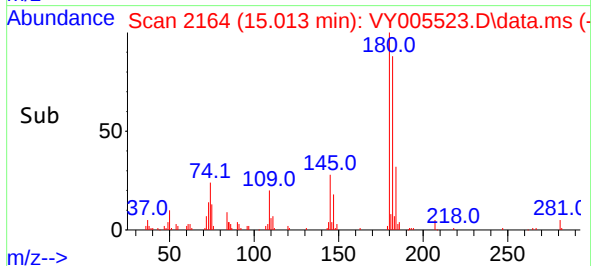
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021



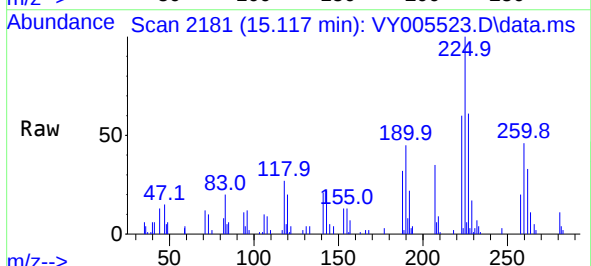
Tgt Ion:	180	Resp:	10868
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.8	143.4
145	29.4	14.0	42.0

Manual Integrations
APPROVED

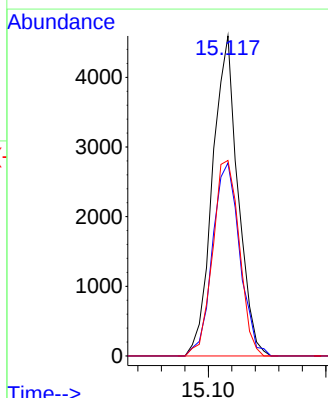
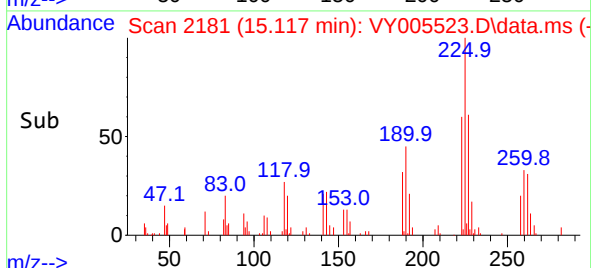
MMDadoda
8/3/2021 4:50:46 PM

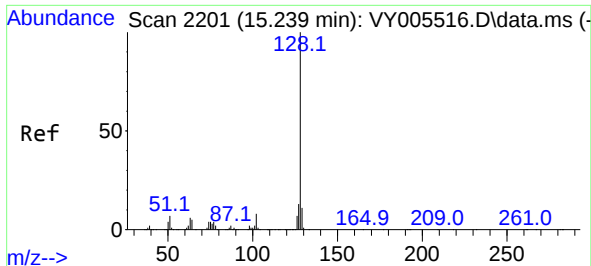


#94
Hexachlorobutadiene
Concen: 2.627 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57

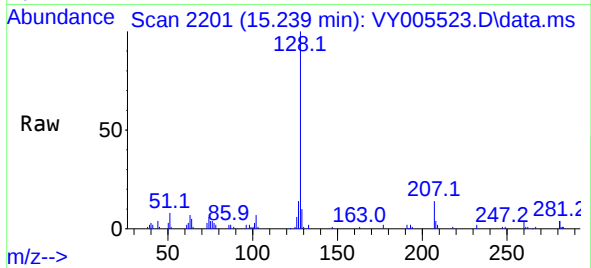


Tgt Ion:	225	Resp:	6902
Ion Ratio	Lower	Upper	
225	100		
223	64.7	31.4	94.0
227	63.9	32.2	96.6

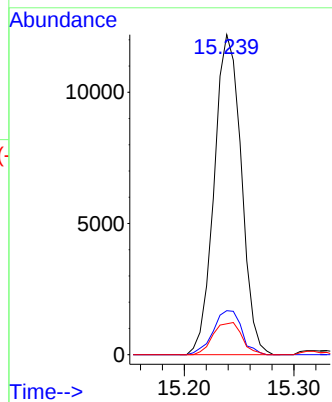
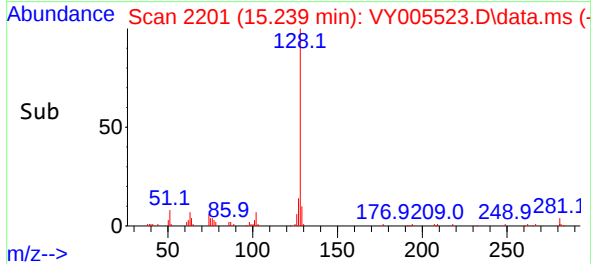




#95
Naphthalene
Concen: 2.614 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



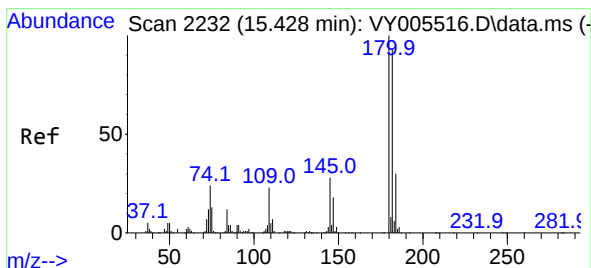
Tgt Ion:128 Resp: 20913
Ion Ratio Lower Upper
128 100
127 14.5 10.6 15.8
129 10.7 8.7 13.1



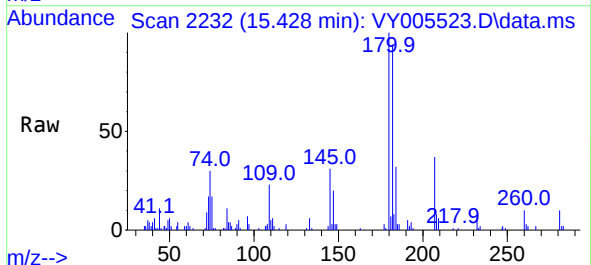
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

Manual Integrations
APPROVED

MMDadoda
8/3/2021 4:50:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 2.832 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY005523.D
Acq: 02 Aug 2021 15:57



Tgt Ion:180 Resp: 10183
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.6
145 30.6 14.6 44.0

