

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080221\
 Data File : VY005524.D
 Acq On : 02 Aug 2021 16:19
 Operator : SY/MD
 Sample : M2940-03 4PPBMDL
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 03 07:01:36 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	282096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	429107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	390059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	198387	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	152223	53.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.620%	
35) Dibromofluoromethane	7.728	113	120094	49.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.980%	
50) Toluene-d8	10.185	98	495723	49.199	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.400%	
62) 4-Bromofluorobenzene	12.483	95	165159	49.499	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.000%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	10812	4.667	ug/l	99
3) Chloromethane	2.119	50	12187	4.403	ug/l	94
4) Vinyl Chloride	2.259	62	13906	4.195	ug/l	97
5) Bromomethane	2.656	94	10546	4.833	ug/l	90
6) Chloroethane	2.802	64	9023	4.509	ug/l	95
7) Trichlorofluoromethane	3.131	101	19618	4.420	ug/l	97
8) Diethyl Ether	3.534	74	7027	4.533	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	10348	4.298	ug/l	99
10) Methyl Iodide	4.101	142	12266	4.090	ug/l	98
11) Tert butyl alcohol	4.966	59	9959	35.280	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	10491	4.315	ug/l	99
13) Acrolein	3.735	56	3434	20.163	ug/l	99
14) Allyl chloride	4.491	41	19159	4.499	ug/l	97
15) Acrylonitrile	5.180	53	17777	22.376	ug/l	98
16) Acetone	3.960	43	14868	20.652	ug/l	96
17) Carbon Disulfide	4.204	76	32645	4.356	ug/l	99
18) Methyl Acetate	4.485	43	10472	5.562	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	33131	4.399	ug/l	92
20) Methylene Chloride	4.729	84	39014	10.790	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	11714	4.310	ug/l	98
22) Diisopropyl ether	6.125	45	38229	4.352	ug/l #	90
23) Vinyl Acetate	6.070	43	120180	20.558	ug/l	98
24) 1,1-Dichloroethane	6.027	63	21225	4.360	ug/l	99
25) 2-Butanone	6.996	43	22699	21.329	ug/l	99
26) 2,2-Dichloropropane	6.984	77	18039	4.056	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	13865	4.485	ug/l	98
28) Bromochloromethane	7.344	49	9127	4.697	ug/l	96
29) Tetrahydrofuran	7.356	42	15749	22.374	ug/l	99
30) Chloroform	7.509	83	22735	4.576	ug/l	96
31) Cyclohexane	7.789	56	24653	5.033	ug/l #	83
32) 1,1,1-Trichloroethane	7.704	97	19847	4.345	ug/l	99
36) 1,1-Dichloropropene	7.923	75	16111	4.003	ug/l	99
37) Ethyl Acetate	7.082	43	11009	4.515	ug/l	97
38) Carbon Tetrachloride	7.911	117	17539	4.010	ug/l	95
39) Methylcyclohexane	9.185	83	20600	4.023	ug/l	96
40) Benzene	8.167	78	48185	4.181	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	4950	3.742	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	16662	4.457	ug/l	97
43) Isopropyl Acetate	8.283	43	19625	4.251	ug/l	98
44) Trichloroethene	8.941	130	13042	4.146	ug/l	96
45) 1,2-Dichloropropane	9.222	63	12362	4.287	ug/l	91
46) Dibromomethane	9.313	93	6697	4.201	ug/l	98
47) Bromodichloromethane	9.502	83	16935	4.244	ug/l	97
48) Methyl methacrylate	9.301	41	8532	4.090	ug/l	96
49) 1,4-Dioxane	9.301	88	1762	79.522	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	52260	21.497	ug/l	96
52) Toluene	10.246	92	30402	4.137	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	18268	4.097	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	20207	4.176	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	9502	4.119	ug/l	98
56) Ethyl methacrylate	10.514	69	13792	3.993	ug/l	96
57) 1,3-Dichloropropane	10.795	76	17376	4.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	32388	19.624	ug/l	99
59) 2-Hexanone	10.837	43	35643	20.744	ug/l	98
60) Dibromochloromethane	10.990	129	11616	4.069	ug/l	98
61) 1,2-Dibromoethane	11.093	107	9250	4.233	ug/l	97
64) Tetrachloroethene	10.721	164	12551	4.227	ug/l	95
65) Chlorobenzene	11.520	112	31854	4.058	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	12381	4.191	ug/l	98
67) Ethyl Benzene	11.593	91	57104	4.012	ug/l	98
68) m/p-Xylenes	11.703	106	44820	8.107	ug/l	99
69) o-Xylene	12.032	106	21168	3.984	ug/l	99
70) Styrene	12.044	104	34866	3.898	ug/l	99
71) Bromoform	12.209	173	8022	4.187	ug/l #	99
73) Isopropylbenzene	12.331	105	55375	3.999	ug/l	99
74) N-amyl acetate	12.148	43	17125	4.108	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	11111	4.172	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	16187	7.874	ug/l #	100
77) Bromobenzene	12.611	156	14362	4.221	ug/l	97
78) n-propylbenzene	12.672	91	67767	4.120	ug/l	98
79) 2-Chlorotoluene	12.758	91	37996	4.114	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	47027	4.092	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	4302	4.218	ug/l	93
82) 4-Chlorotoluene	12.855	91	39919	4.177	ug/l	100
83) tert-Butylbenzene	13.081	119	41736	4.047	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	46031	4.059	ug/l	99
85) sec-Butylbenzene	13.257	105	60028	4.036	ug/l	100
86) p-Isopropyltoluene	13.373	119	50717	3.971	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	27216	4.100	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	27468	4.171	ug/l	92
89) n-Butylbenzene	13.696	91	46951	4.058	ug/l	98
90) Hexachloroethane	13.965	117	9600	4.181	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	24494	4.177	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2007	3.975	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	16987	4.217	ug/l	100
94) Hexachlorobutadiene	15.117	225	11420	4.379	ug/l	98
95) Naphthalene	15.239	128	33024	4.159	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	15627	4.379	ug/l	99

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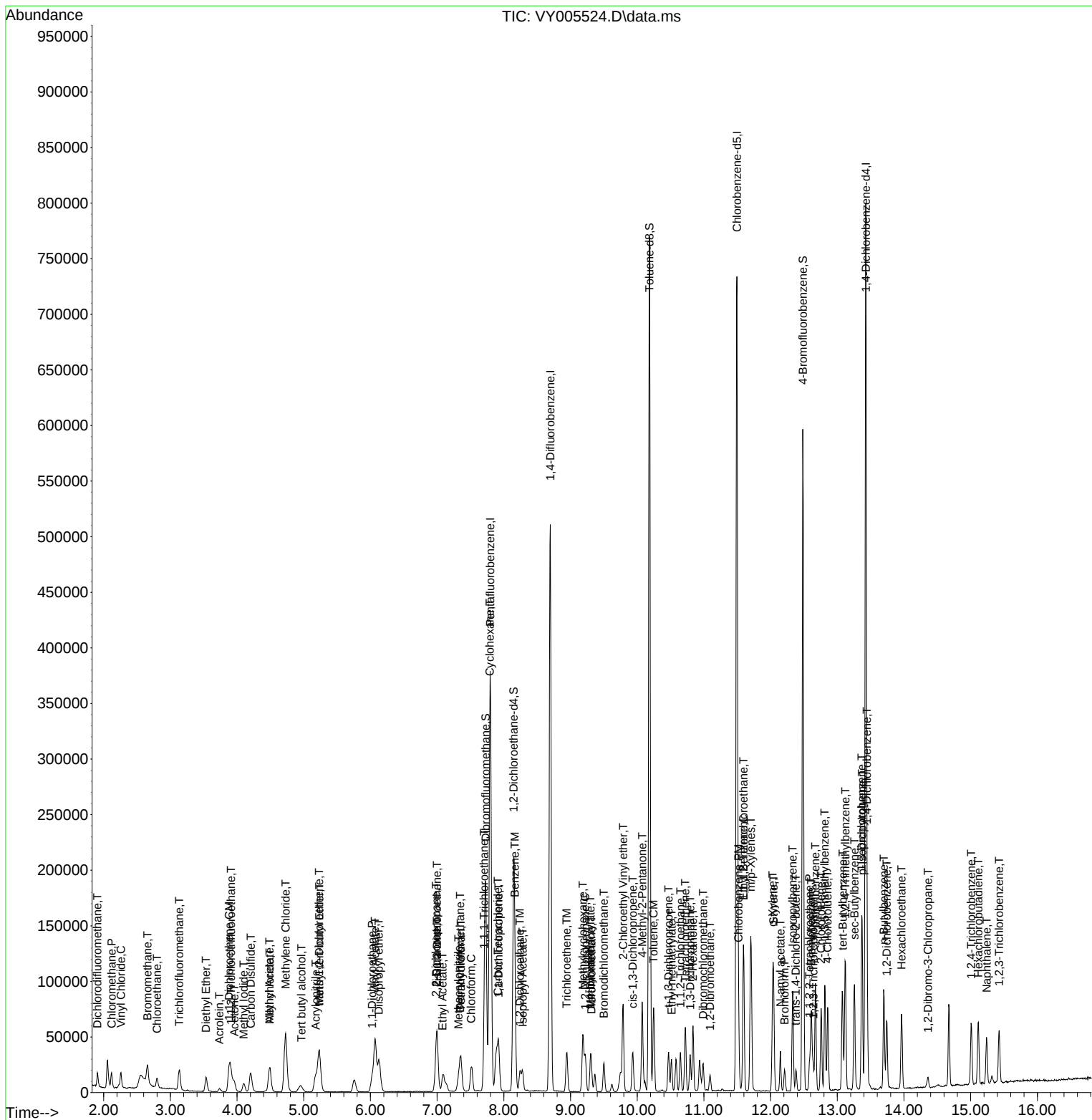
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT3-2021

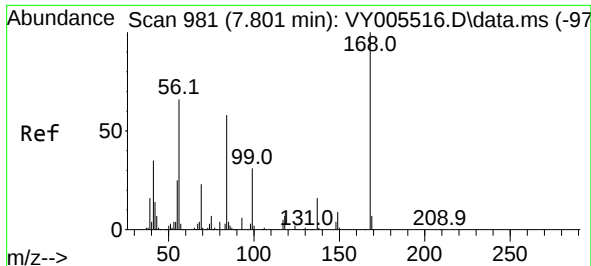
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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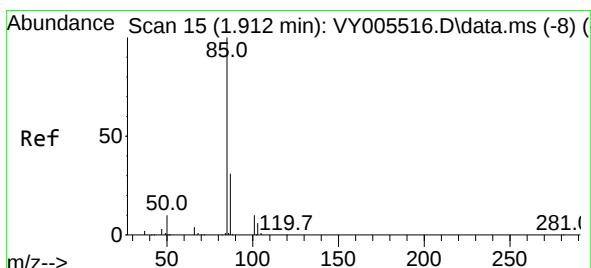
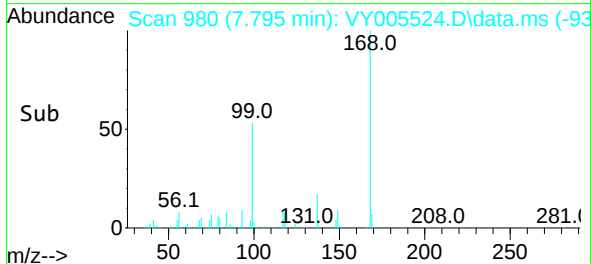
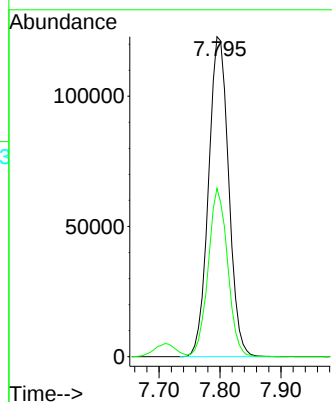
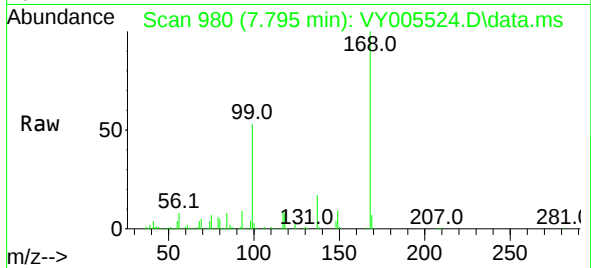




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005524.D
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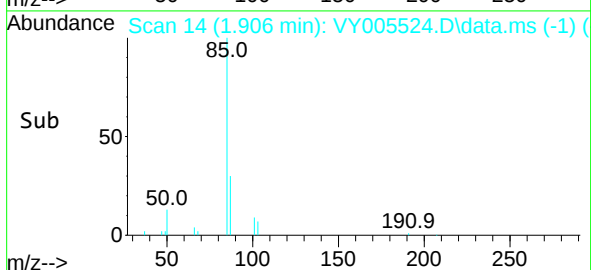
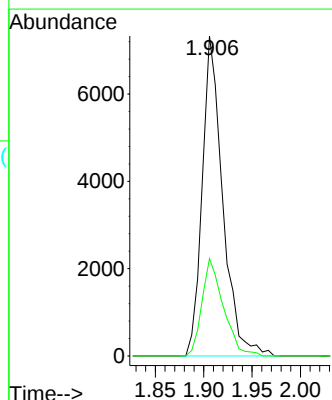
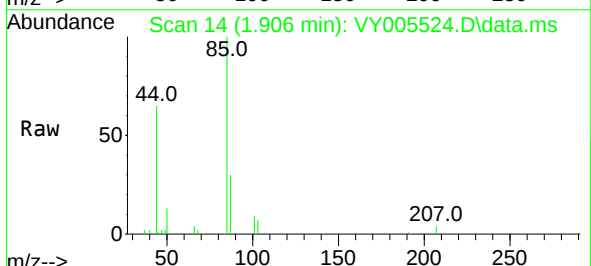
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MSVOA_Y
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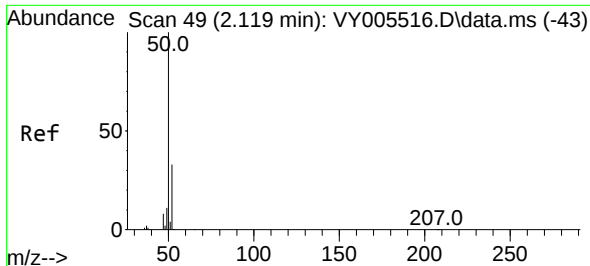
Tgt Ion:168 Resp: 282096
Ion Ratio Lower Upper
168 100
99 52.6 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 4.667 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 85 Resp: 10812
Ion Ratio Lower Upper
85 100
87 30.5 15.4 46.2

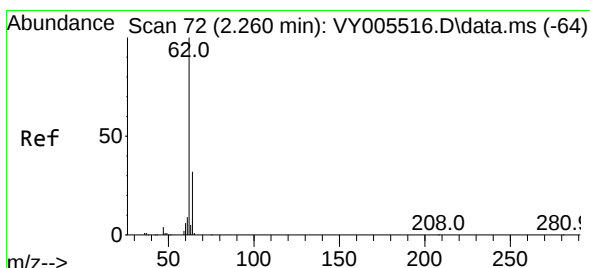
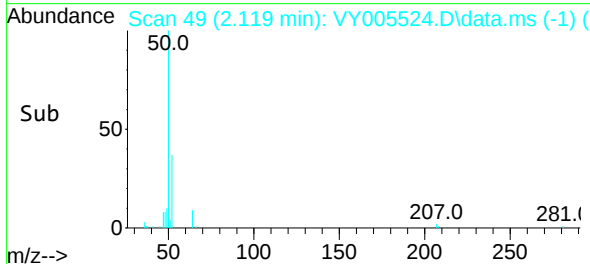
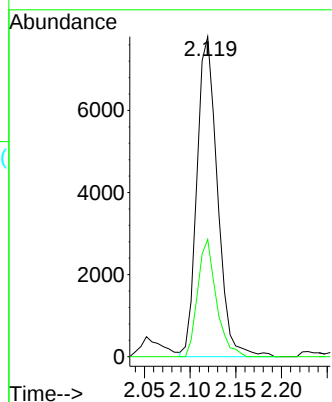
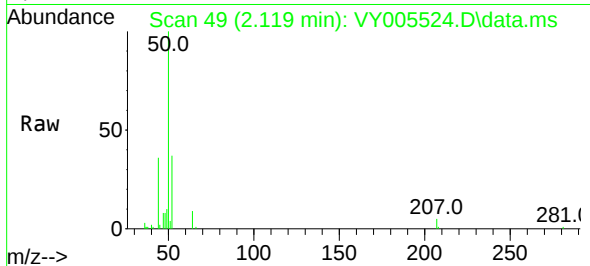




#3
Chloromethane
Concen: 4.403 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

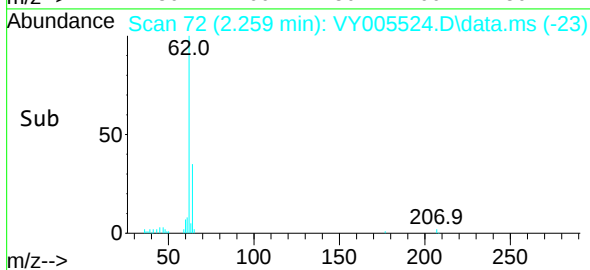
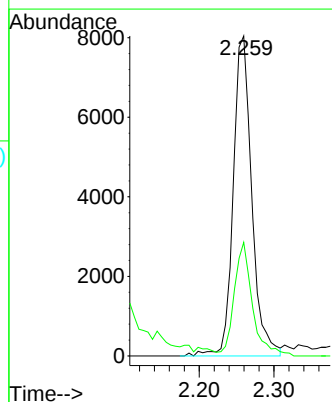
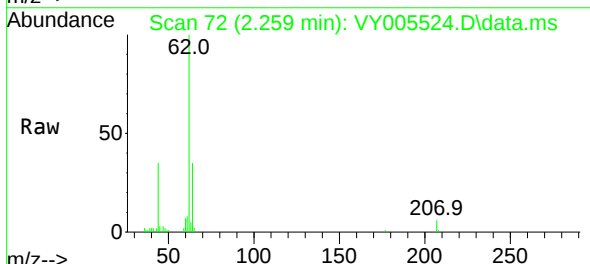
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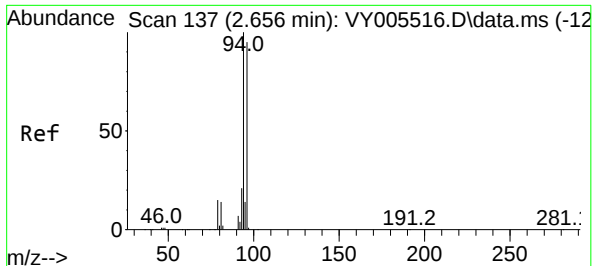
Tgt Ion: 50 Resp: 12187
Ion Ratio Lower Upper
50 100
52 36.7 26.4 39.6



#4
Vinyl Chloride
Concen: 4.195 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 62 Resp: 13906
Ion Ratio Lower Upper
62 100
64 34.1 25.9 38.9

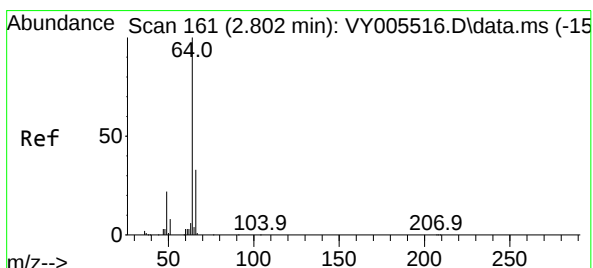
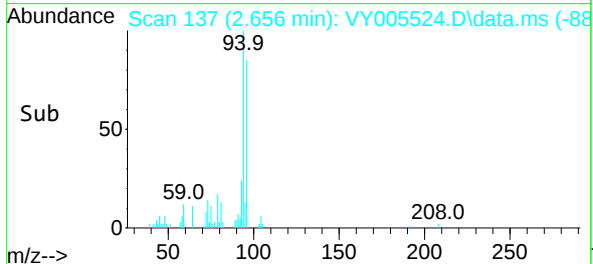
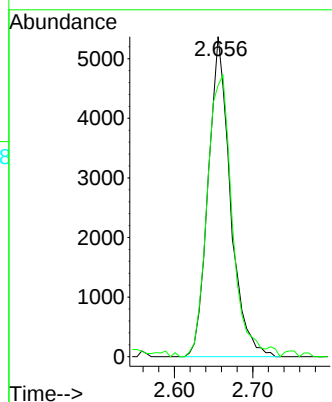
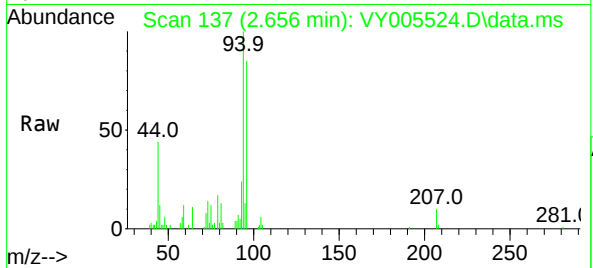




#5
Bromomethane
Concen: 4.833 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

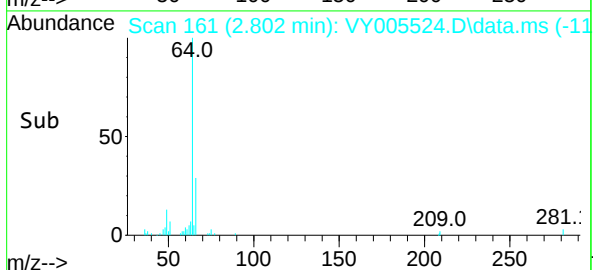
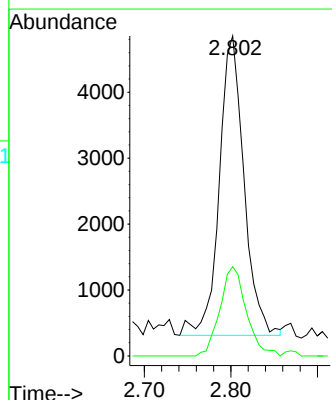
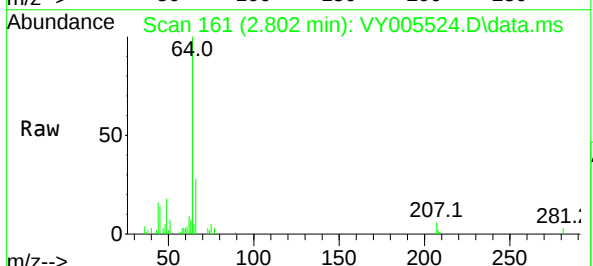
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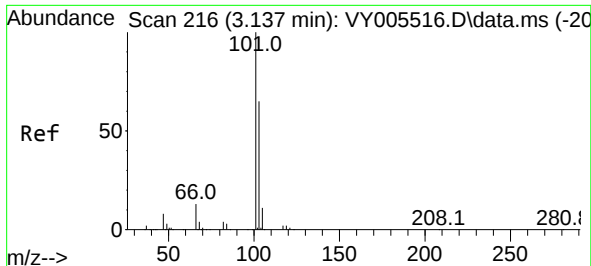
Tgt Ion: 94 Resp: 10546
Ion Ratio Lower Upper
94 100
96 84.8 75.7 113.5



#6
Chloroethane
Concen: 4.509 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 64 Resp: 9023
Ion Ratio Lower Upper
64 100
66 29.8 26.1 39.1

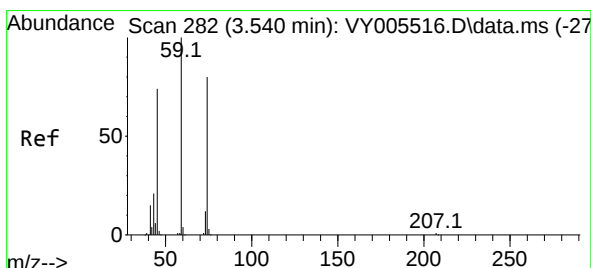
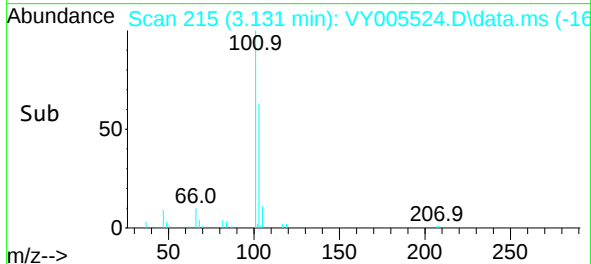
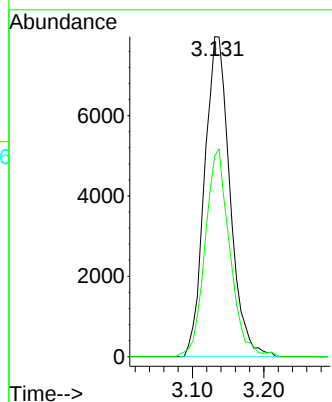
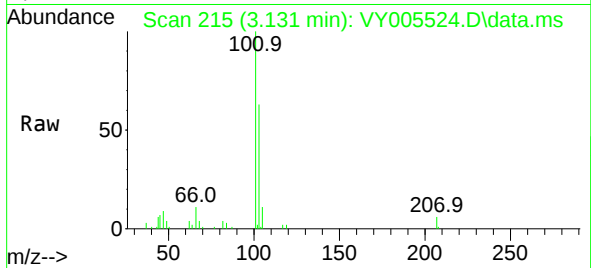




#7
Trichlorofluoromethane
Concen: 4.420 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

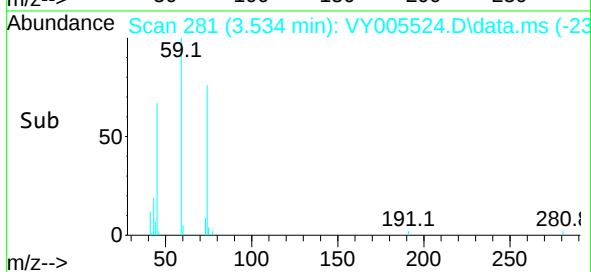
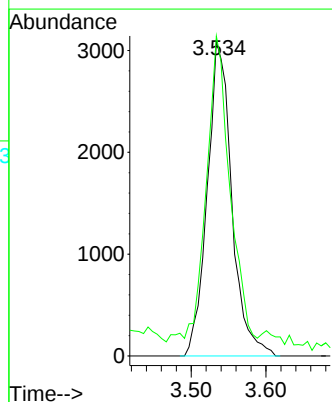
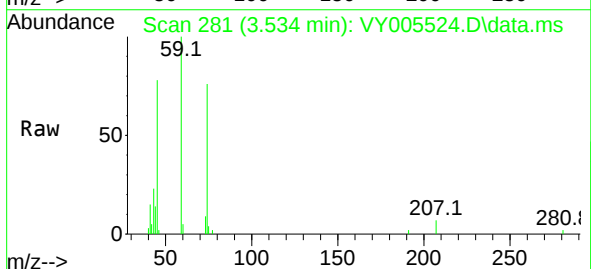
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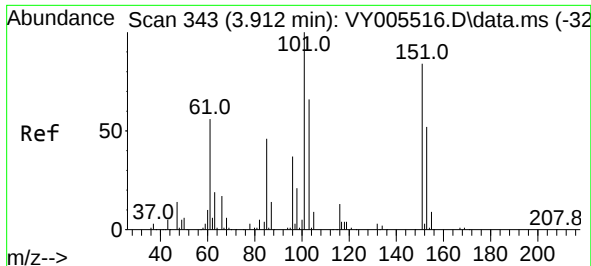
Tgt Ion:101 Resp: 19618
Ion Ratio Lower Upper
101 100
103 62.9 52.2 78.4



#8
Diethyl Ether
Concen: 4.533 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.006 min
Lab File: VY005524.D
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Tgt Ion: 74 Resp: 7027
Ion Ratio Lower Upper
74 100
45 94.8 47.2 141.6

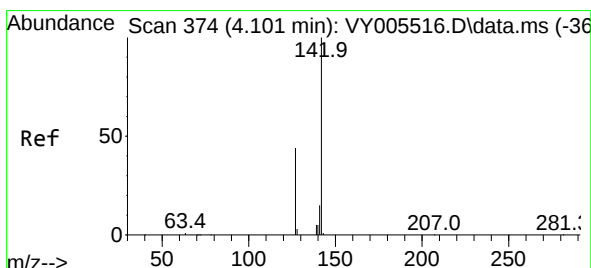
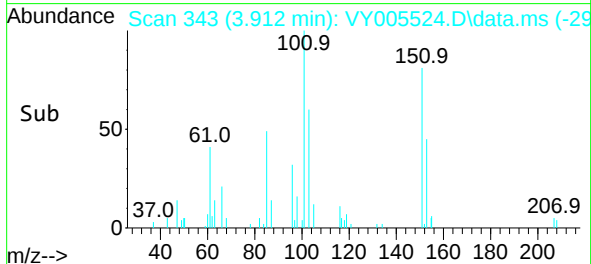
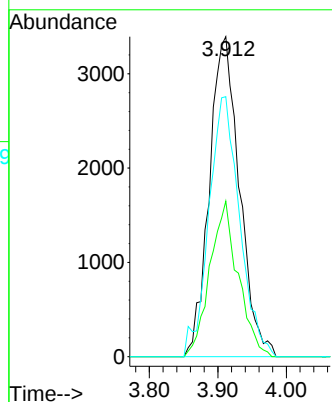
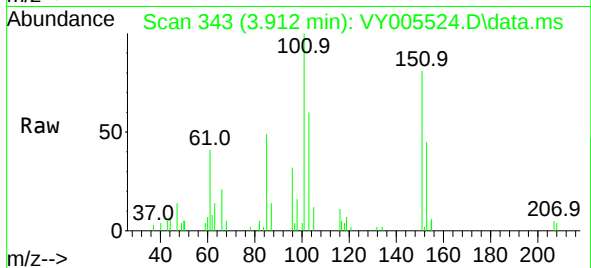




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.298 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

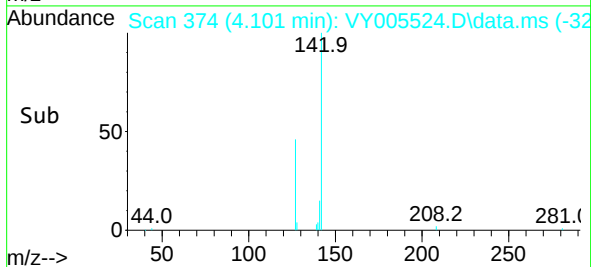
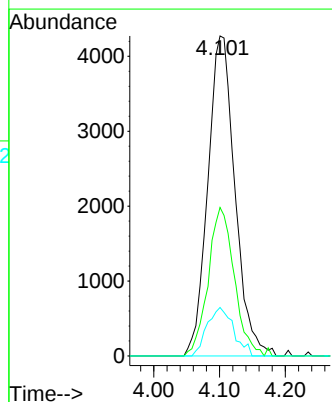
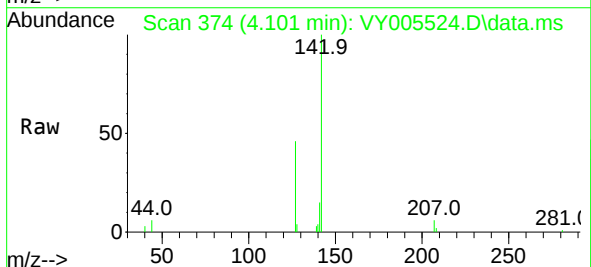
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

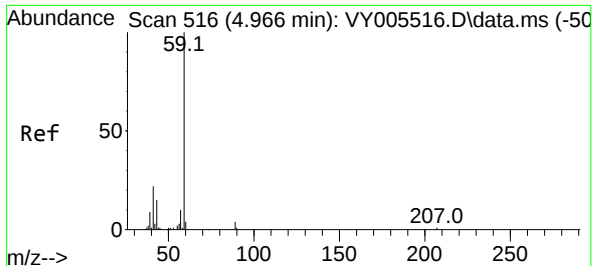
Tgt Ion:	101	Resp:	10348
Ion	Ratio	Lower	Upper
101	100		
85	45.6	36.3	54.5
151	83.3	67.6	101.4



#10
Methyl Iodide
Concen: 4.090 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion:	142	Resp:	12266
Ion	Ratio	Lower	Upper
142	100		
127	44.5	36.6	54.8
141	14.8	12.2	18.4



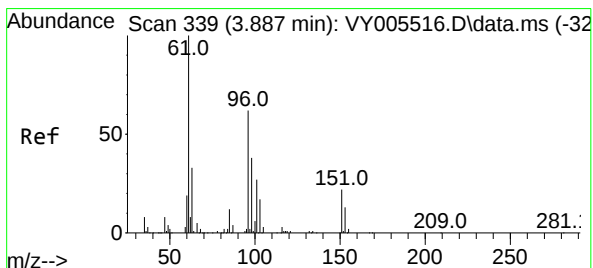
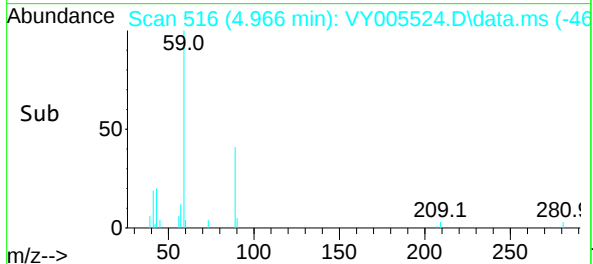
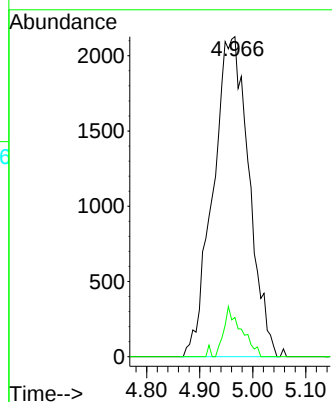
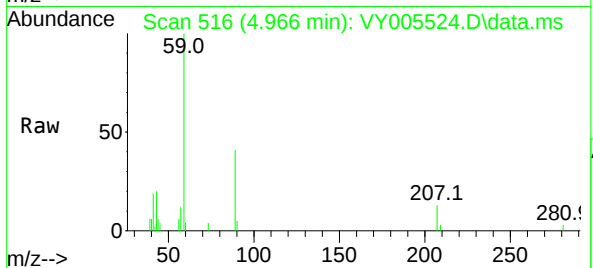


#11

Tert butyl alcohol
Concen: 35.280 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

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

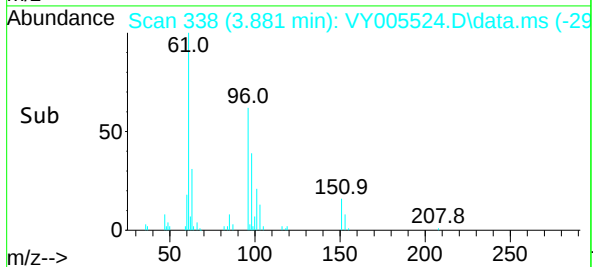
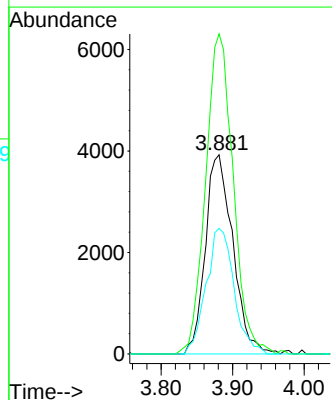
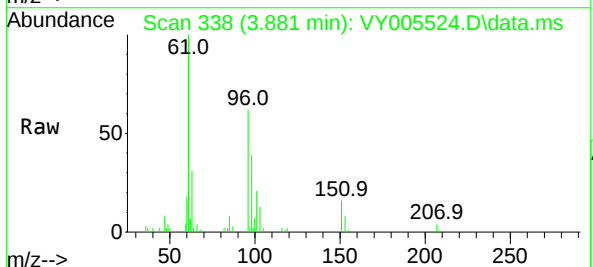
Tgt Ion: 59 Resp: 9959
Ion Ratio Lower Upper
59 100
57 7.7 8.0 12.0#

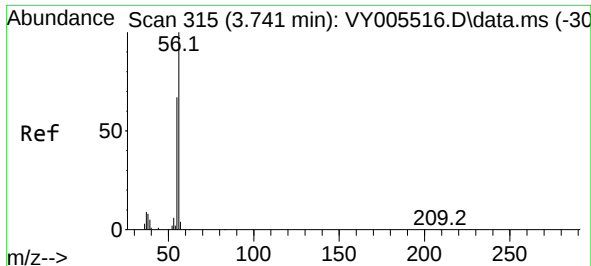


#12

1,1-Dichloroethene
Concen: 4.315 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 96 Resp: 10491
Ion Ratio Lower Upper
96 100
61 159.2 128.6 192.8
98 63.1 49.2 73.8

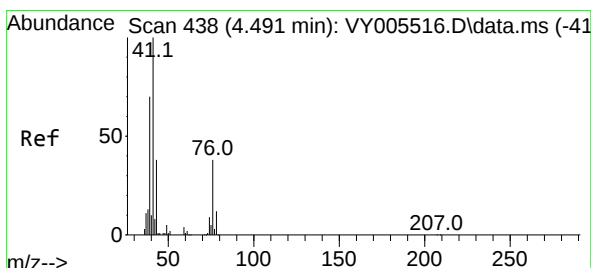
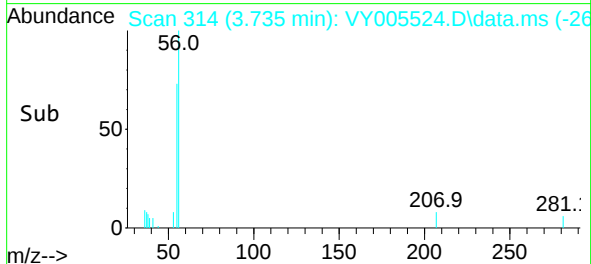
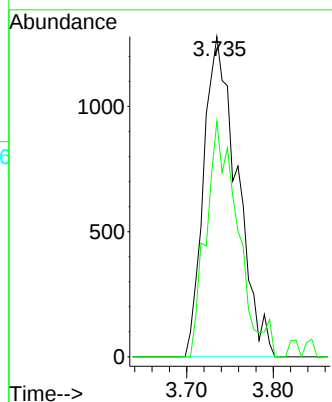
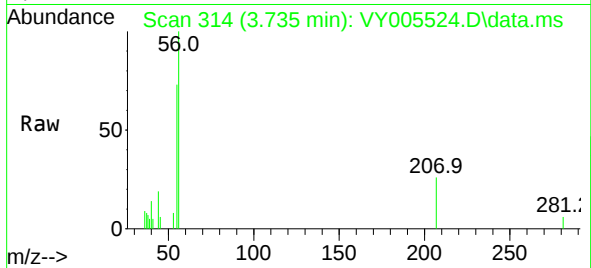




#13
Acrolein
Concen: 20.163 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

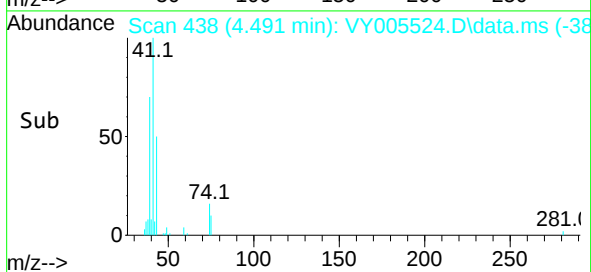
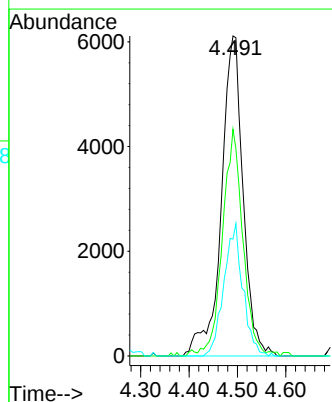
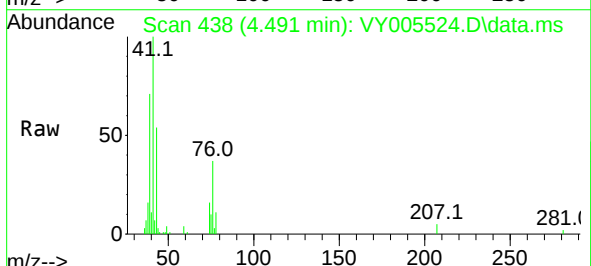
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

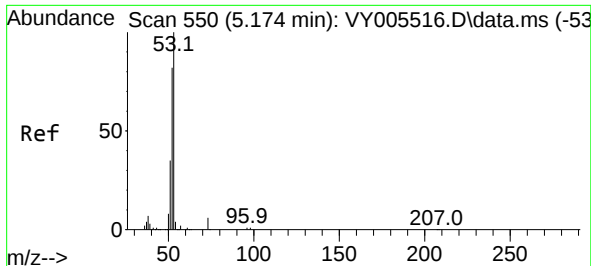
Tgt Ion: 56 Resp: 3434
Ion Ratio Lower Upper
56 100
55 69.5 56.5 84.7



#14
Allyl chloride
Concen: 4.499 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 41 Resp: 19159
Ion Ratio Lower Upper
41 100
39 62.9 53.7 80.5
76 36.0 28.7 43.1

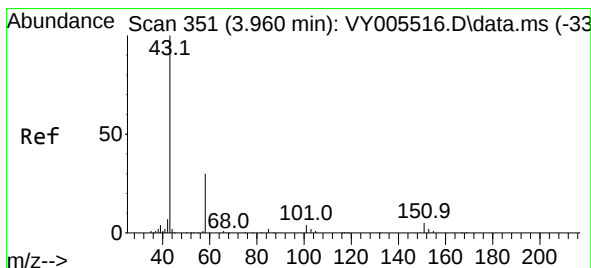
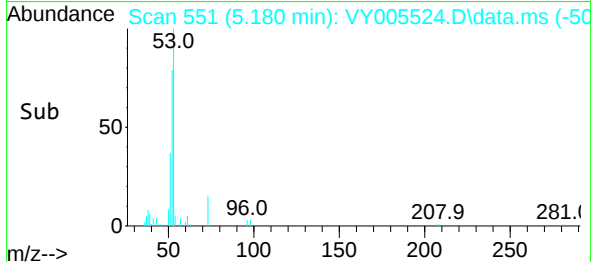
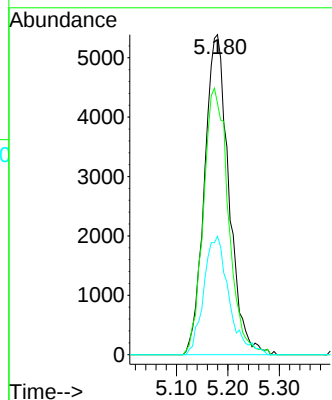
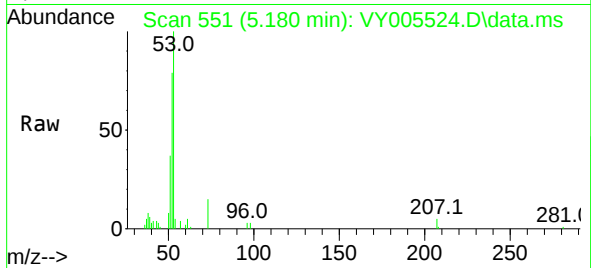




#15
Acrylonitrile
Concen: 22.376 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

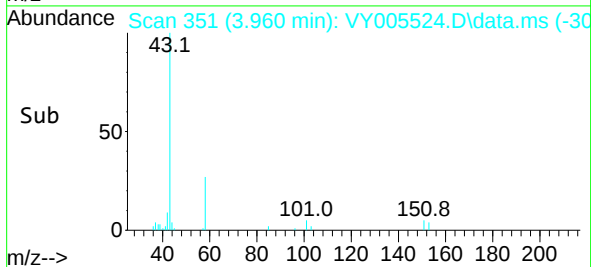
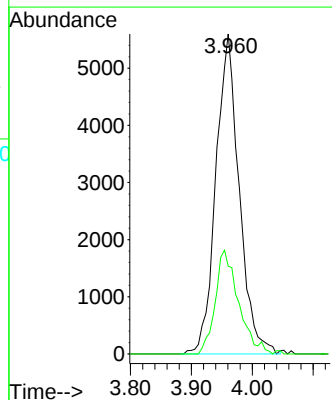
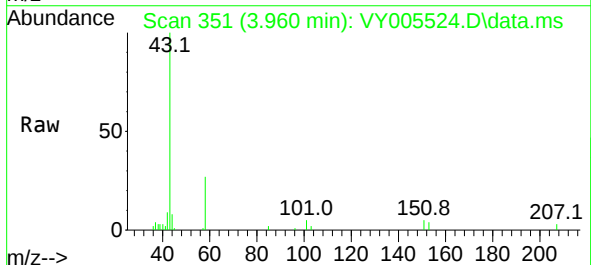
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

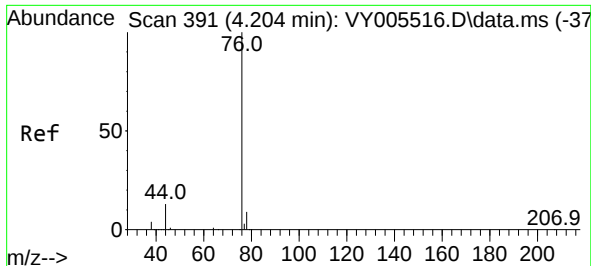
Tgt Ion: 53 Resp: 17777
Ion Ratio Lower Upper
53 100
52 85.3 66.6 99.8
51 38.2 29.9 44.9



#16
Acetone
Concen: 20.652 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 43 Resp: 14868
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.6

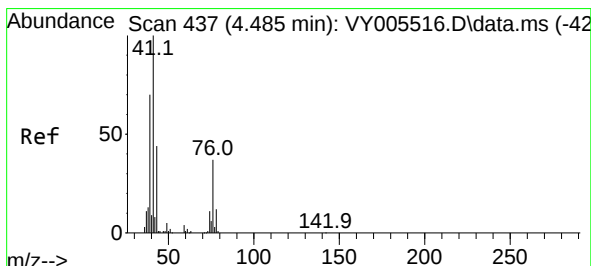
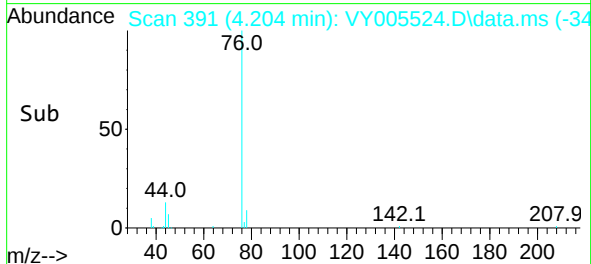
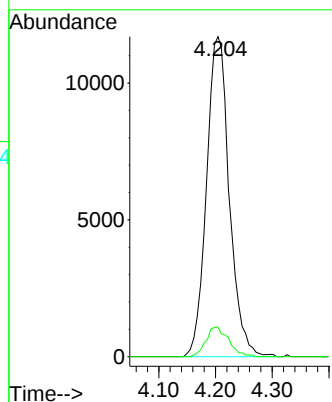
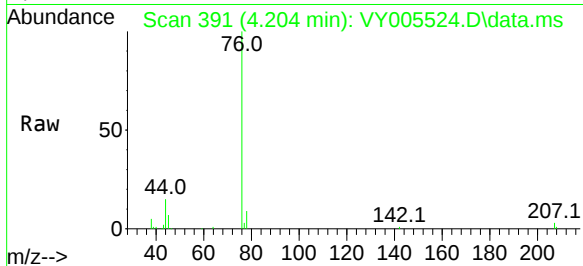




#17
Carbon Disulfide
Concen: 4.356 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

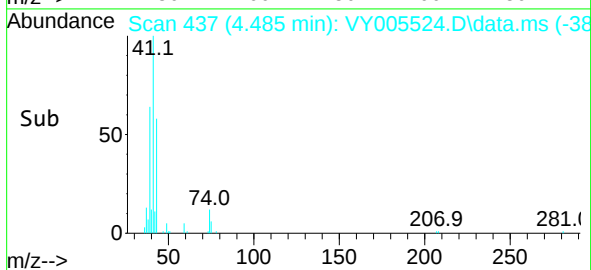
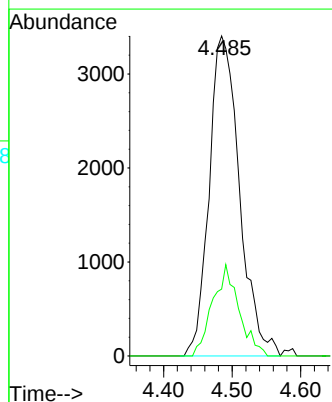
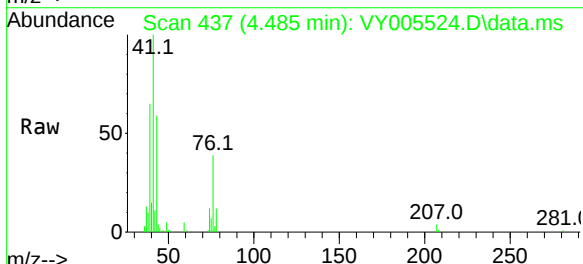
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

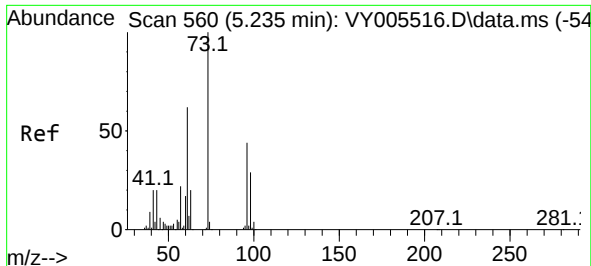
Tgt Ion: 76 Resp: 32645
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 5.562 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 43 Resp: 10472
Ion Ratio Lower Upper
43 100
74 24.7 19.0 28.6

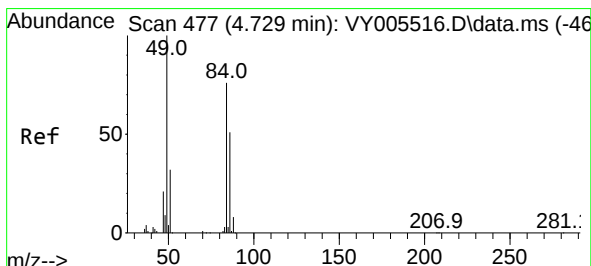
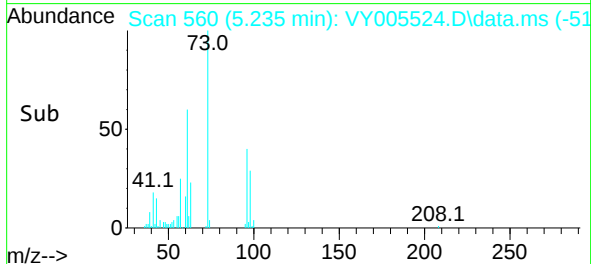
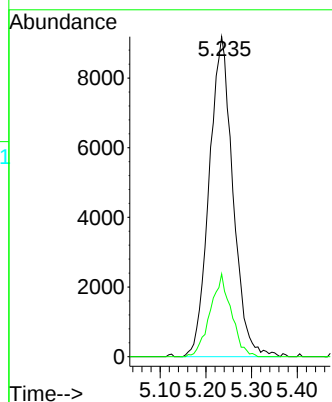
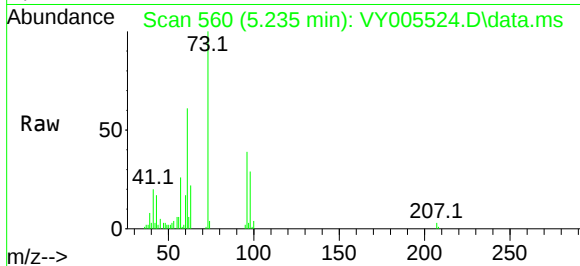




#19
Methyl tert-butyl Ether
Concen: 4.399 ug/l
RT: 5.235 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

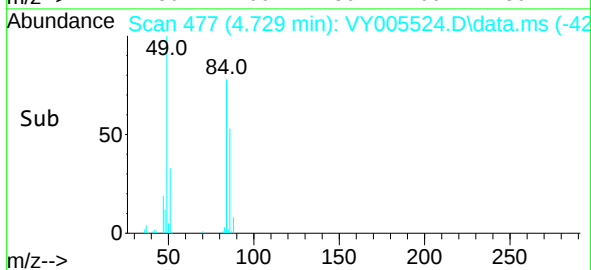
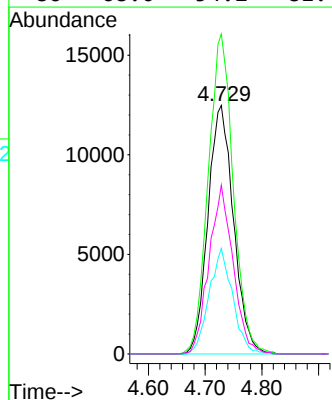
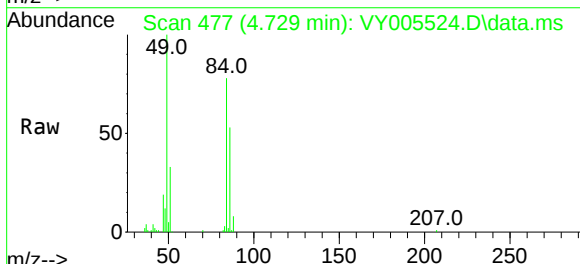
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

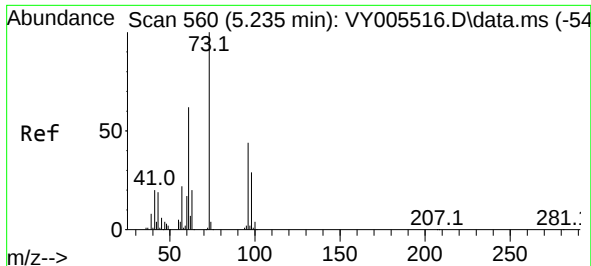
Tgt Ion: 73 Resp: 33131
Ion Ratio Lower Upper
73 100
57 25.9 17.7 26.5



#20
Methylene Chloride
Concen: 10.790 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 84 Resp: 39014
Ion Ratio Lower Upper
84 100
49 128.8 105.8 158.6
51 42.5 33.4 50.2
86 68.0 54.2 81.4

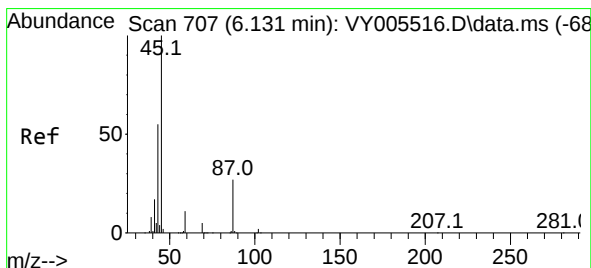
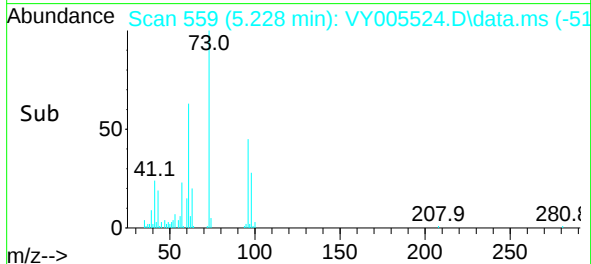
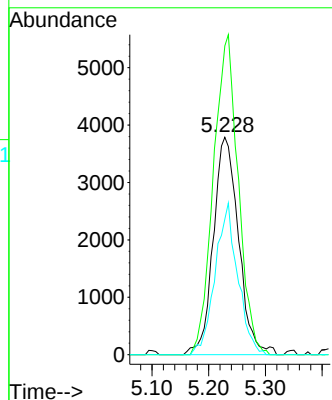
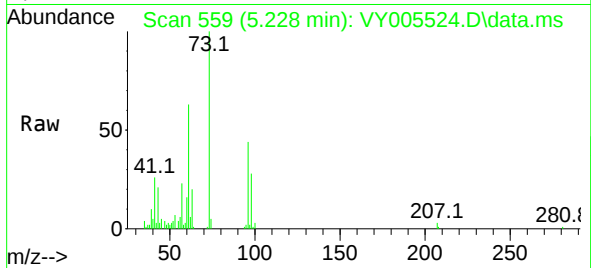




#21
trans-1,2-Dichloroethene
Concen: 4.310 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

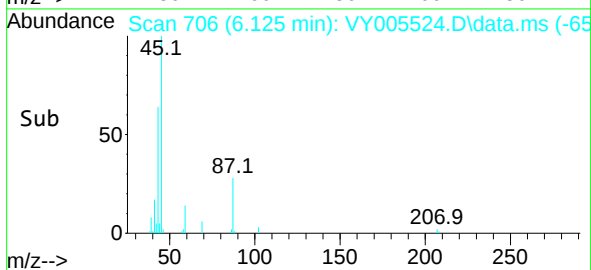
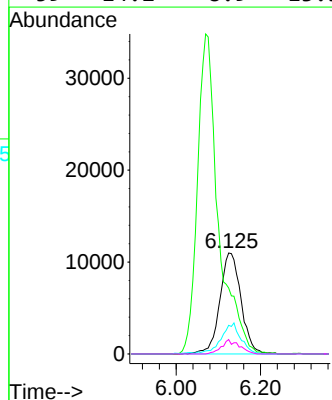
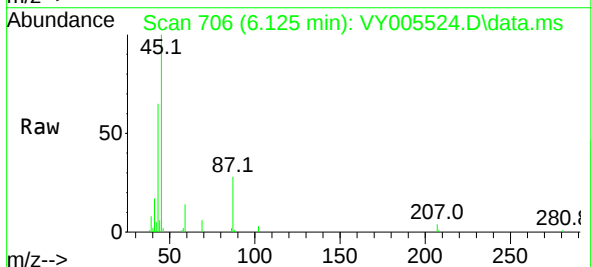
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

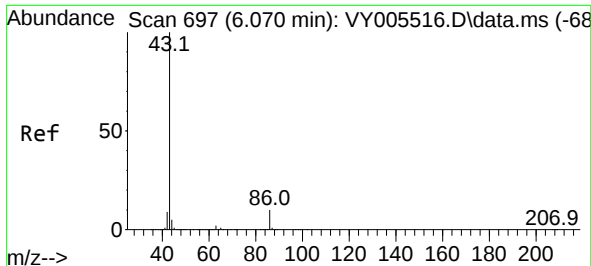
Tgt Ion: 96 Resp: 11714
Ion Ratio Lower Upper
96 100
61 142.0 112.6 168.8
98 62.3 52.2 78.4



#22
Diisopropyl ether
Concen: 4.352 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

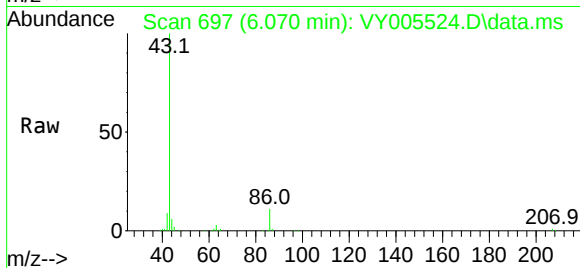
Tgt Ion: 45 Resp: 38229
Ion Ratio Lower Upper
45 100
43 65.3 44.2 66.2
87 28.3 21.6 32.4
59 14.2 8.9 13.3#



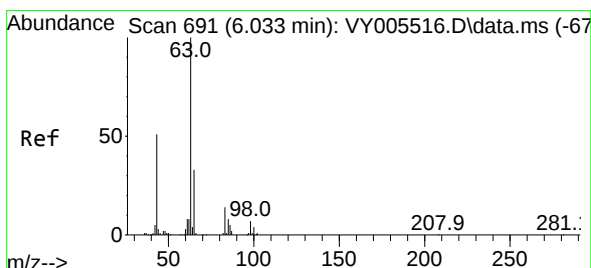
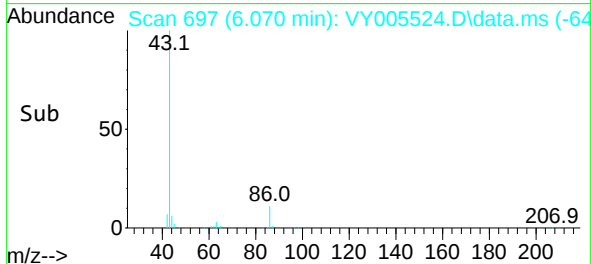
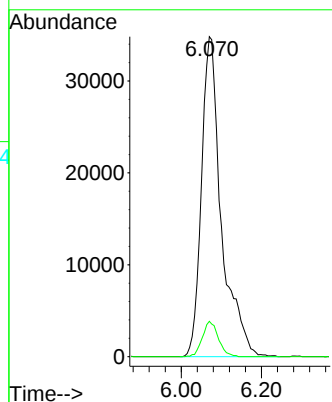


#23
 Vinyl Acetate
 Concen: 20.558 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

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

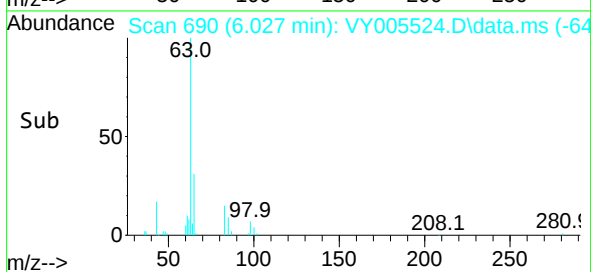
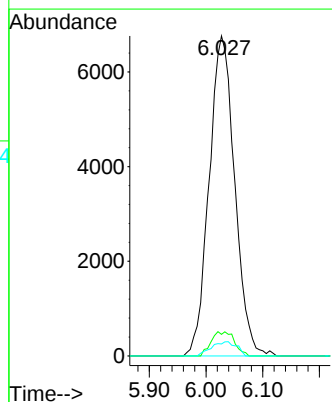
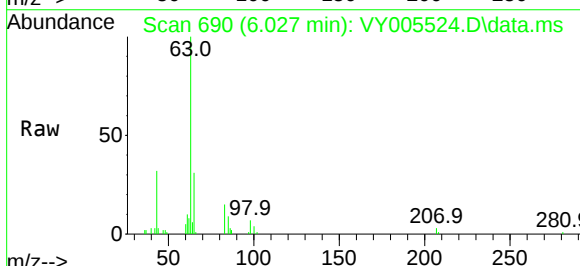


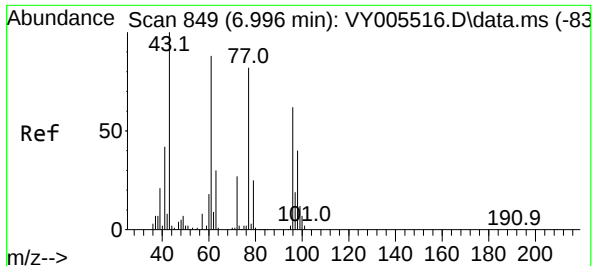
Tgt Ion: 43 Resp: 120180
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 4.360 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

Tgt Ion: 63 Resp: 21225
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 21.329 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY005524.D

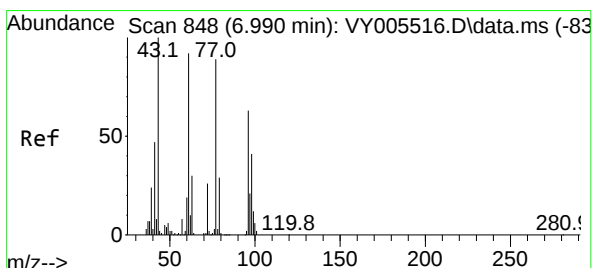
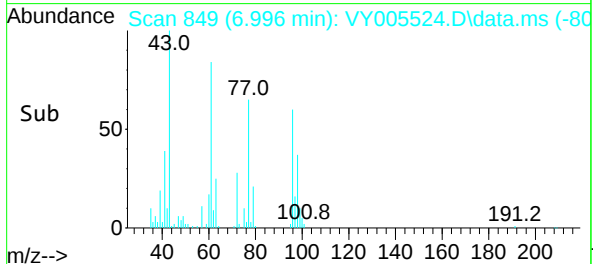
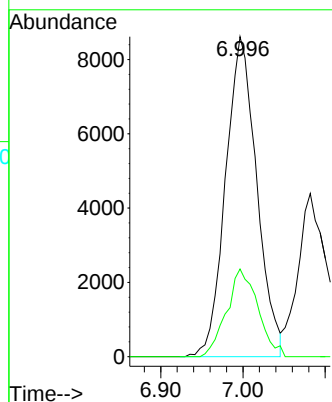
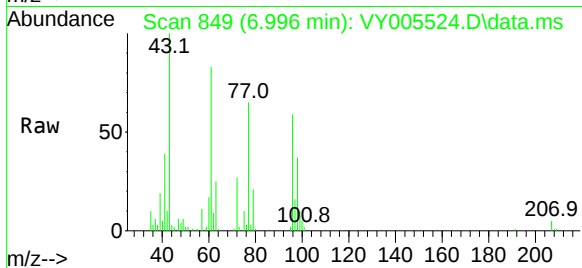
Acq: 02 Aug 2021 16:19

Tgt Ion: 43 Resp: 22699

Ion Ratio Lower Upper

43 100

72 27.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 4.056 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY005524.D

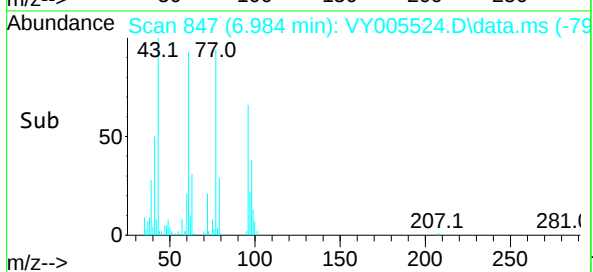
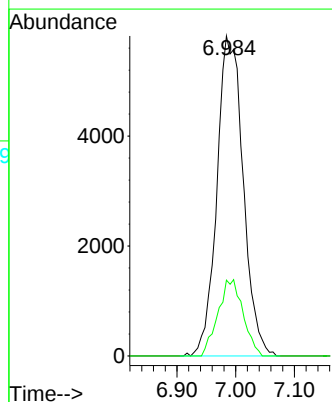
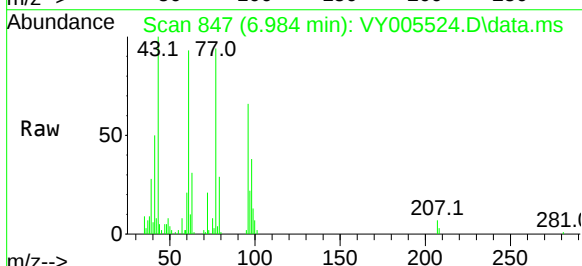
Acq: 02 Aug 2021 16:19

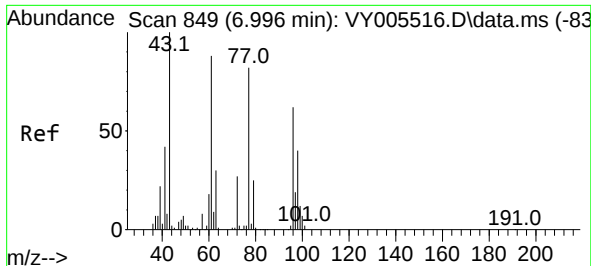
Tgt Ion: 77 Resp: 18039

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 4.485 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Tgt Ion: 96 Resp: 13865

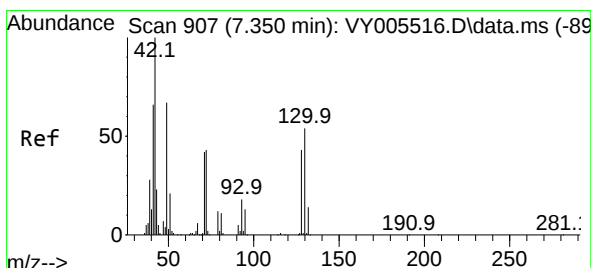
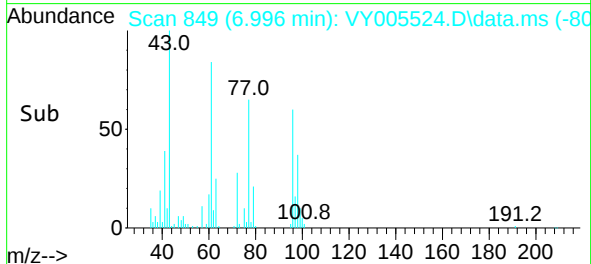
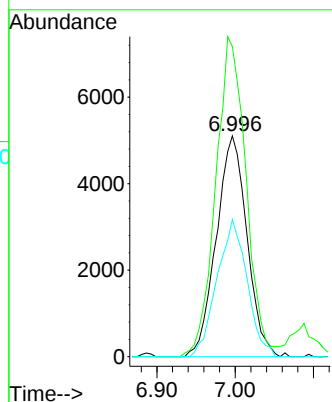
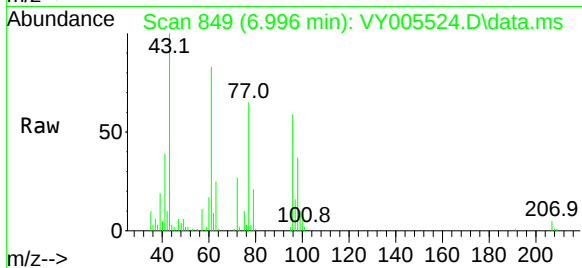
Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	290.0
98	61.0	0.0	128.0

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2021



#28

Bromochloromethane

Concen: 4.697 ug/l

RT: 7.344 min Scan# 906

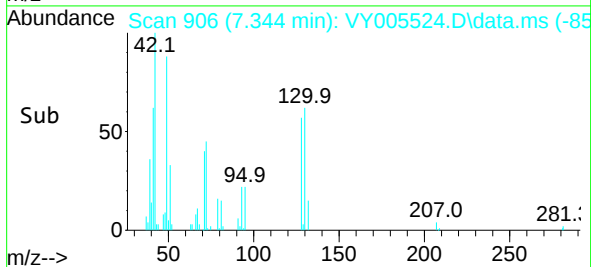
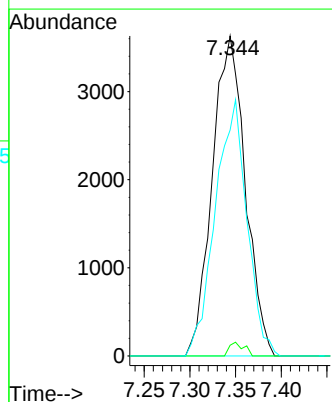
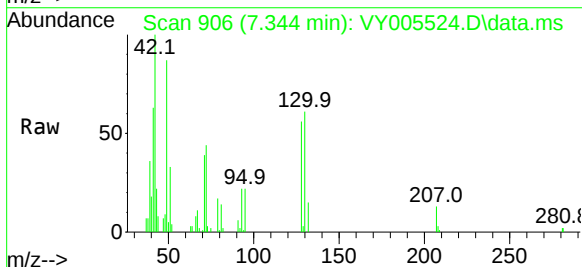
Delta R.T. -0.006 min

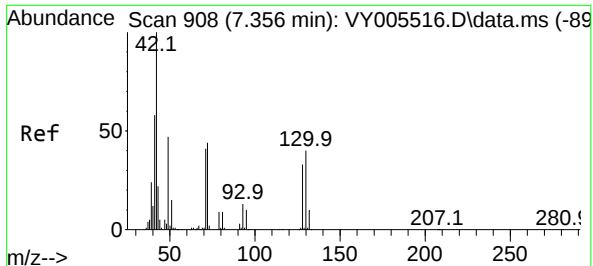
Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Tgt Ion: 49 Resp: 9127

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	76.8	64.0	96.0





#29

Tetrahydrofuran

Concen: 22.374 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Instrument :

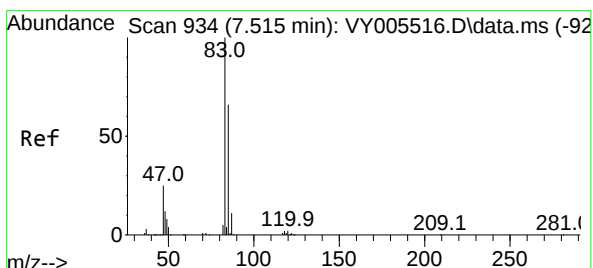
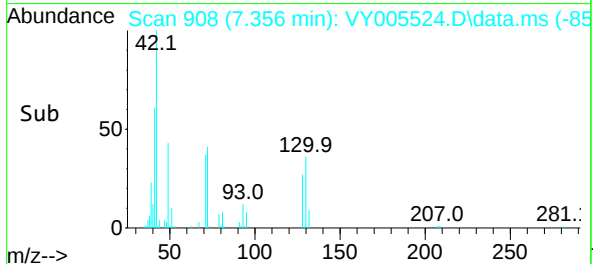
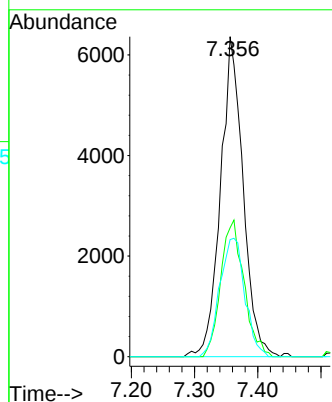
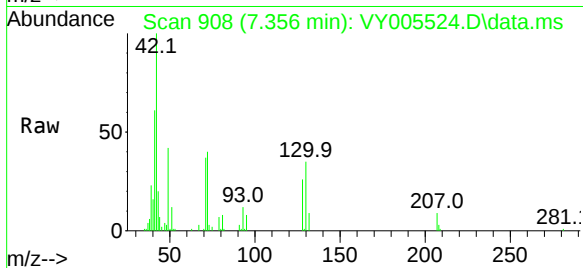
MSVOA_Y

ClientSampleId :

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Tgt Ion: 42 Resp: 15749

Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.0	52.4
71	41.2	33.3	49.9



#30

Chloroform

Concen: 4.576 ug/l

RT: 7.509 min Scan# 933

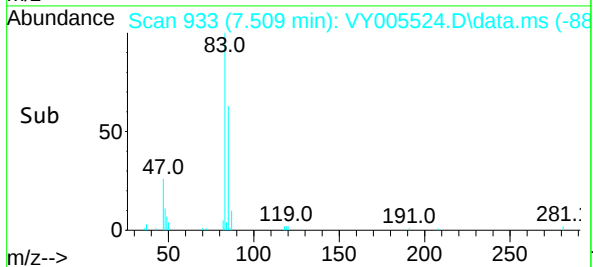
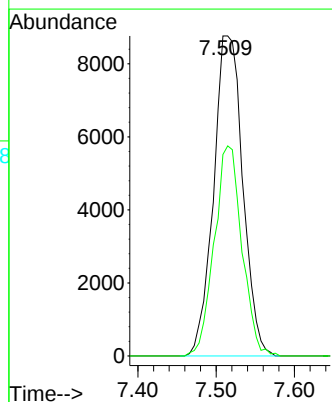
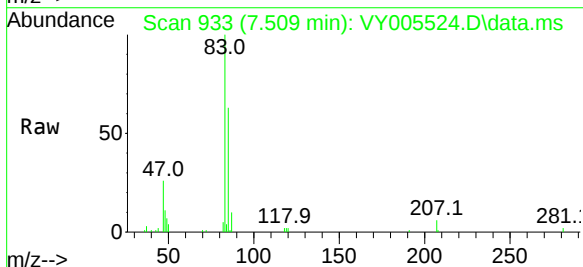
Delta R.T. -0.006 min

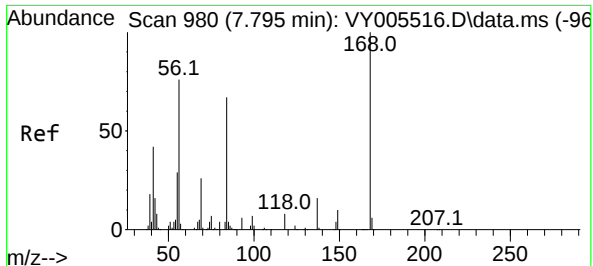
Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Tgt Ion: 83 Resp: 22735

Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.7	79.1

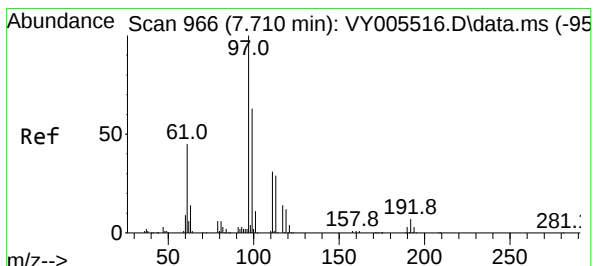
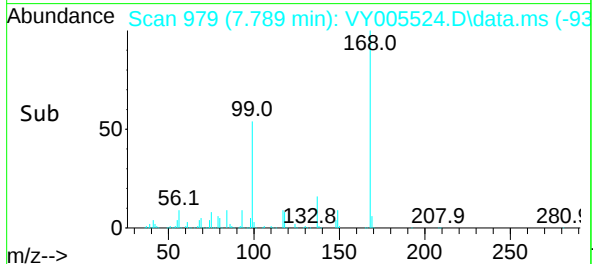
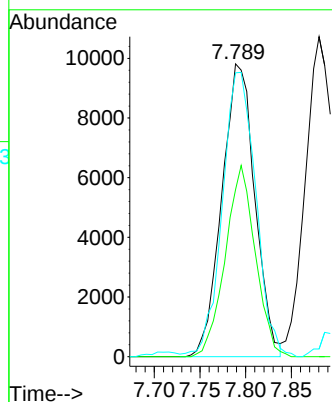
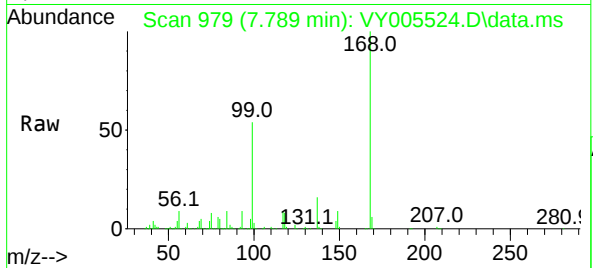




#31
Cyclohexane
Concen: 5.033 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

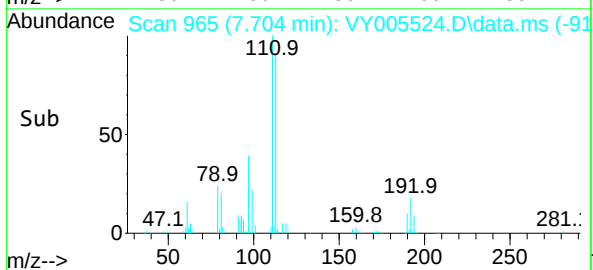
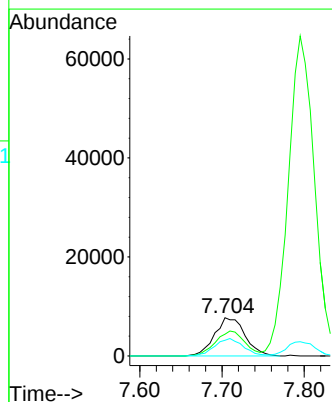
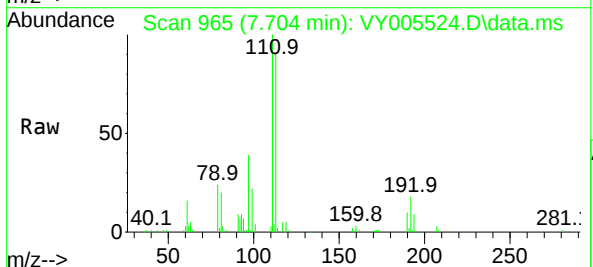
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

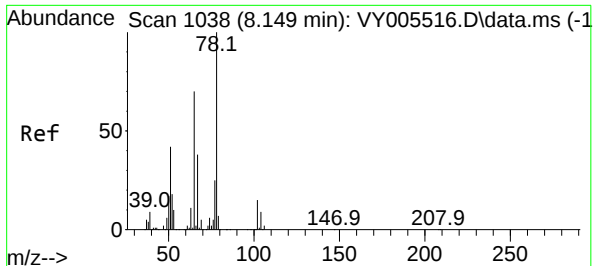
Tgt Ion: 56 Resp: 24653
Ion Ratio Lower Upper
56 100
69 57.0 27.7 41.5#
84 96.0 70.9 106.3



#32
1,1,1-Trichloroethane
Concen: 4.345 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 97 Resp: 19847
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 43.3 35.0 52.6

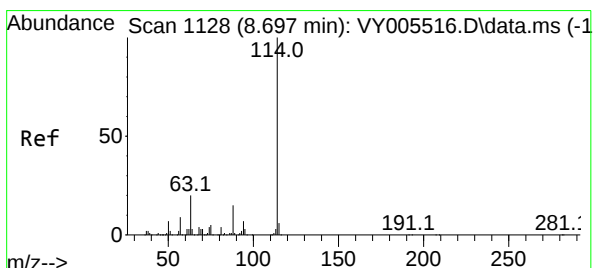
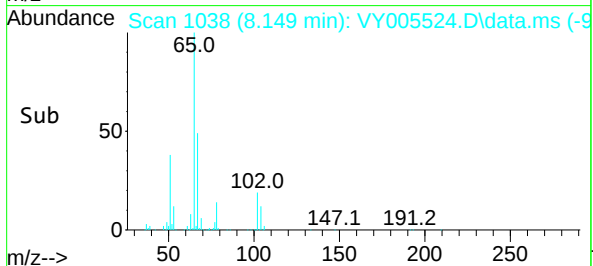
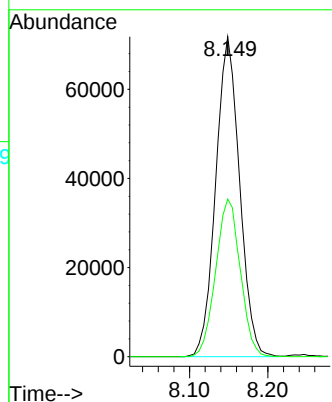
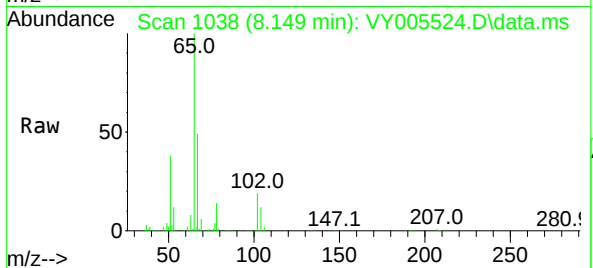




#33
1,2-Dichloroethane-d4
Concen: 53.308 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

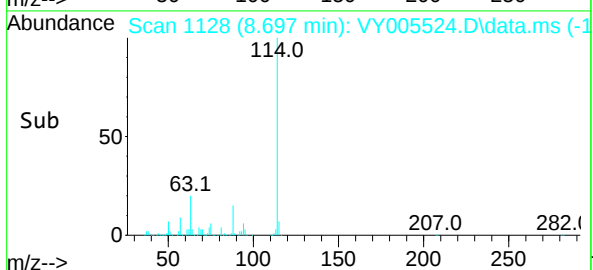
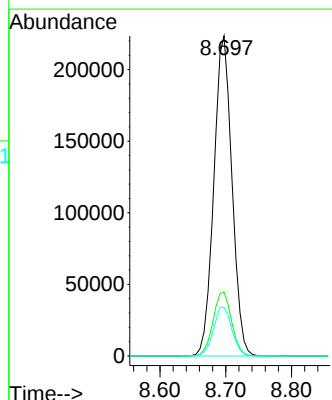
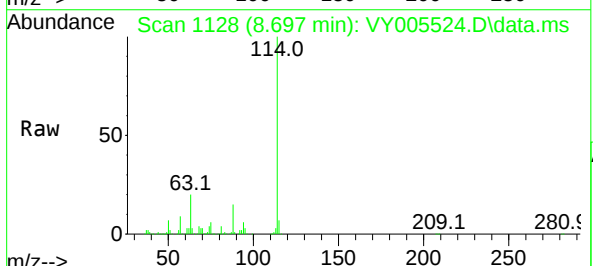
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

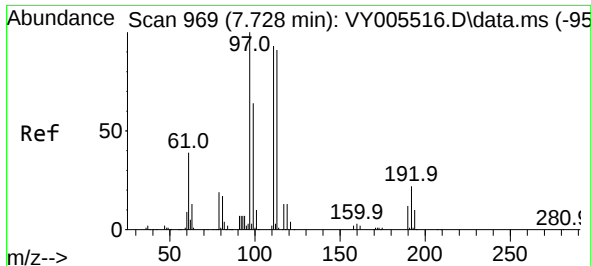
Tgt Ion: 65 Resp: 152223
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 114 Resp: 429107
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.988 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

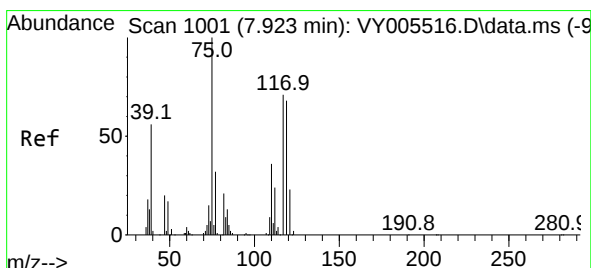
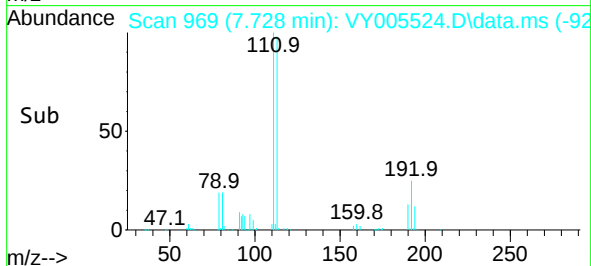
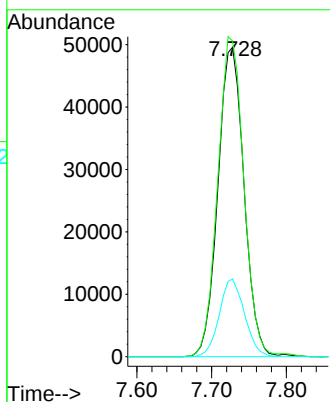
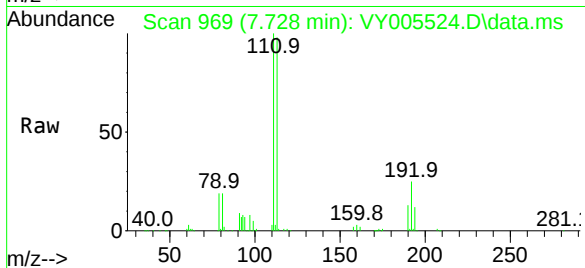
Tgt Ion:113 Resp: 120094

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

192 24.3 19.2 28.8



#36

1,1-Dichloropropene

Concen: 4.003 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

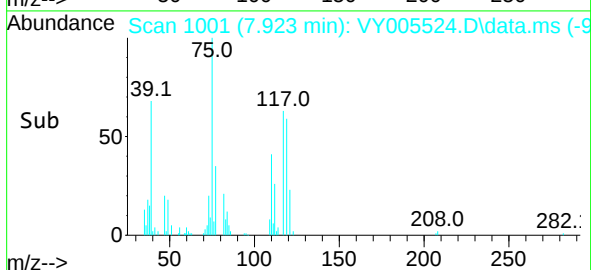
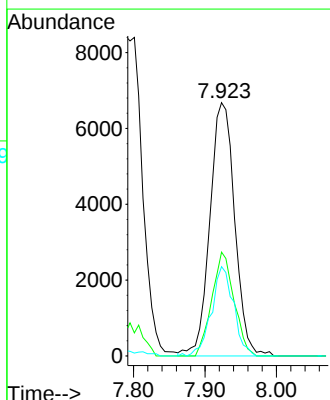
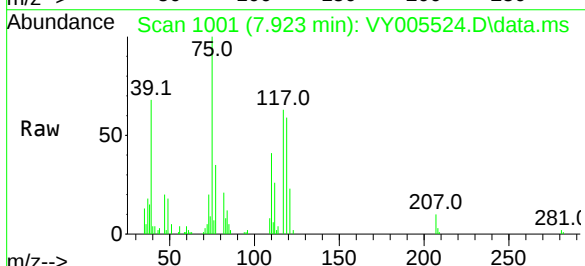
Tgt Ion: 75 Resp: 16111

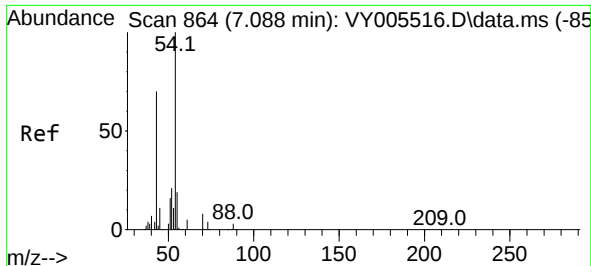
Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.1

77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 4.515 ug/l

RT: 7.082 min Scan# 863

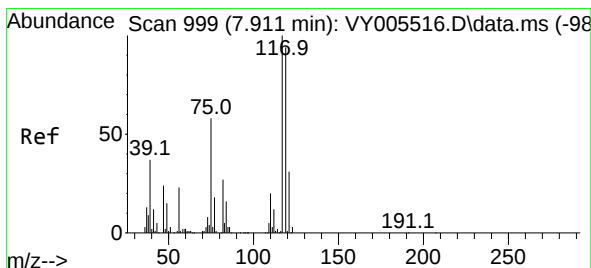
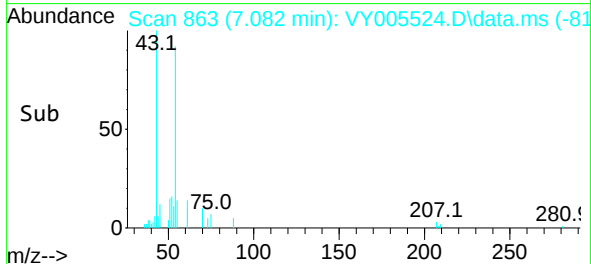
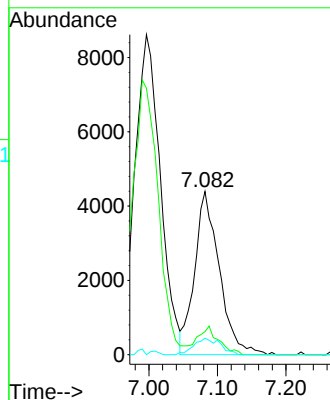
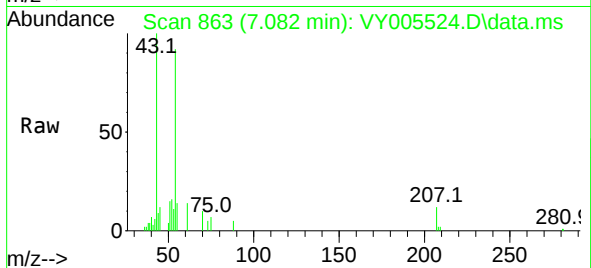
Delta R.T. -0.006 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Tgt Ion: 43 Resp: 11009

Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.6	15.8
70	10.8	8.6	13.0



#38

Carbon Tetrachloride

Concen: 4.010 ug/l

RT: 7.911 min Scan# 999

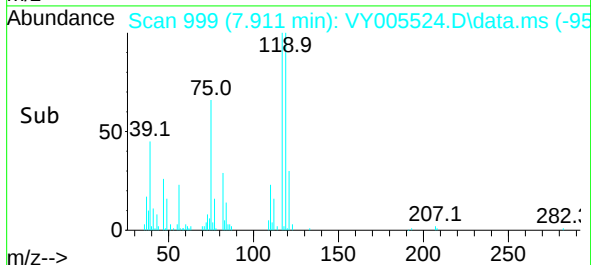
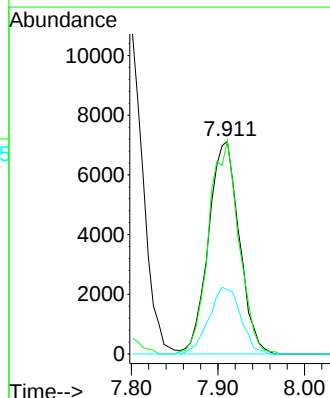
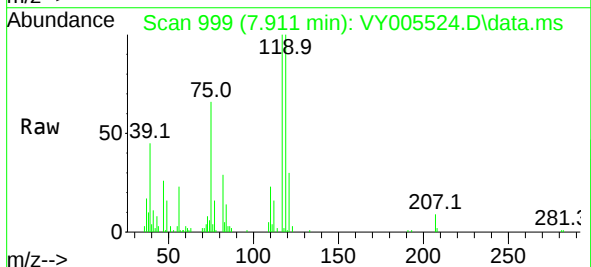
Delta R.T. -0.000 min

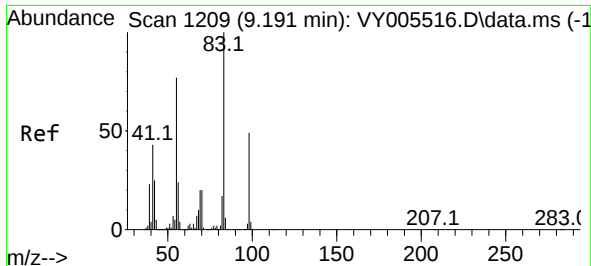
Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Tgt Ion: 117 Resp: 17539

Ion	Ratio	Lower	Upper
117	100		
119	100.3	75.4	113.0
121	30.3	25.1	37.7

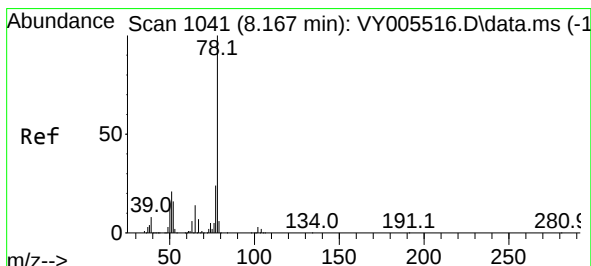
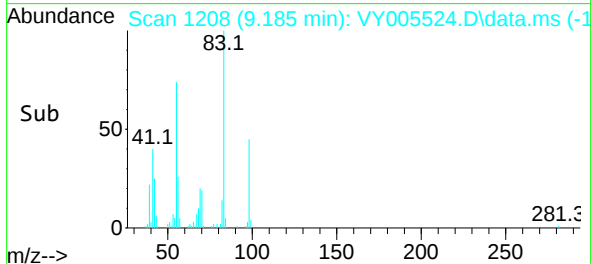
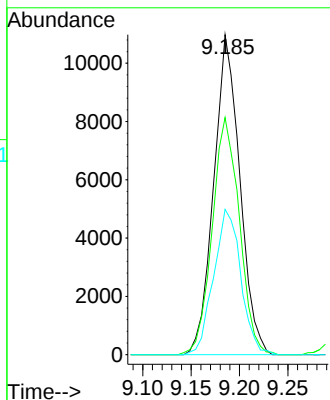
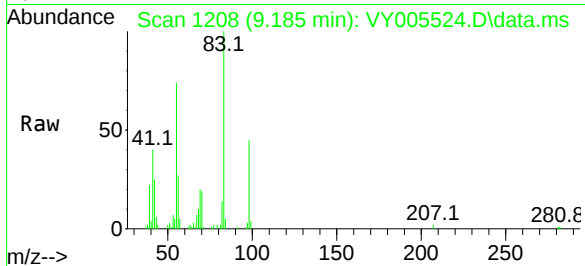




#39
Methylcyclohexane
Concen: 4.023 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

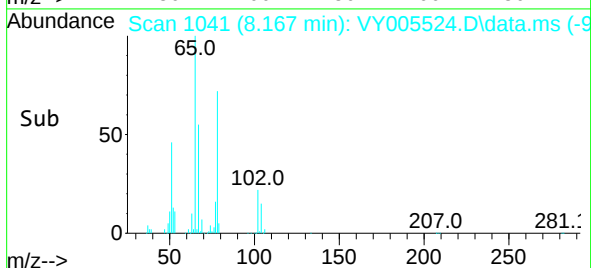
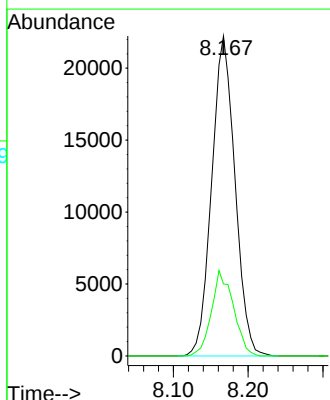
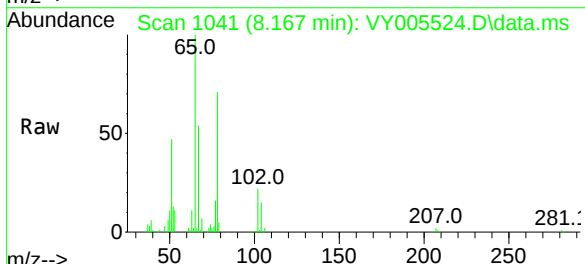
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

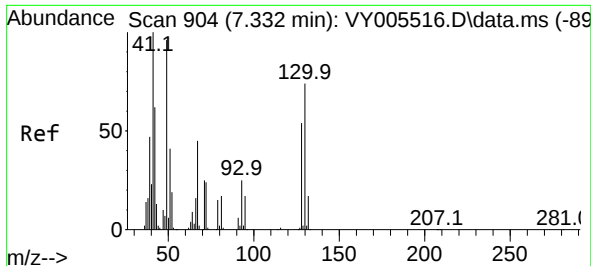
Tgt Ion: 83 Resp: 20600
Ion Ratio Lower Upper
83 100
55 74.1 61.7 92.5
98 45.4 38.9 58.3



#40
Benzene
Concen: 4.181 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 78 Resp: 48185
Ion Ratio Lower Upper
78 100
77 22.5 19.6 29.4

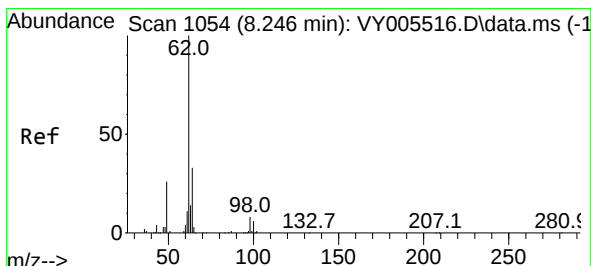
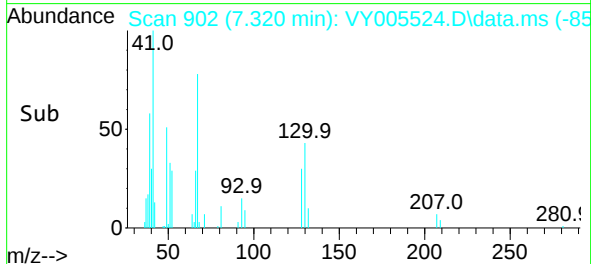
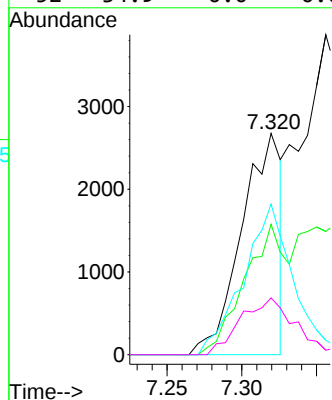
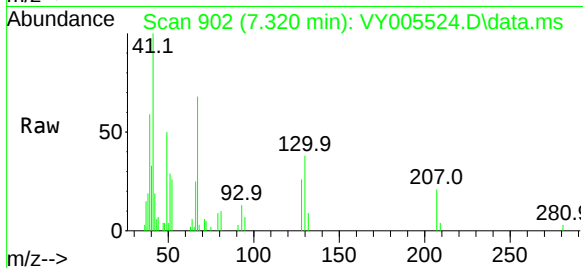




#41
Methacrylonitrile
Concen: 3.742 ug/l
RT: 7.320 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

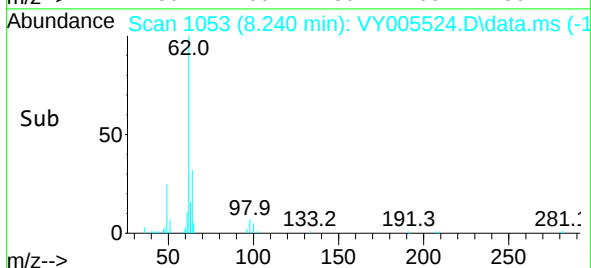
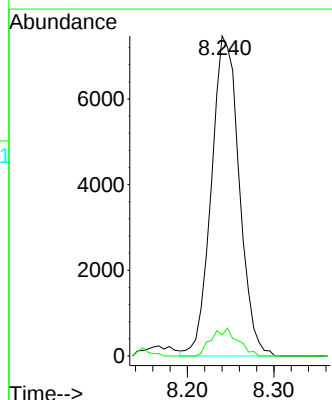
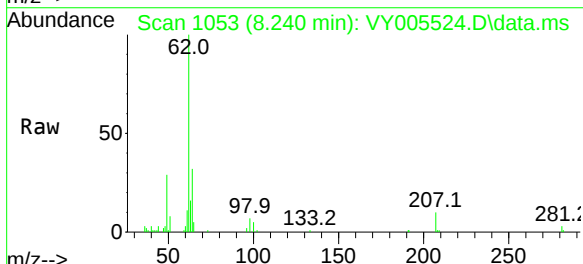
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

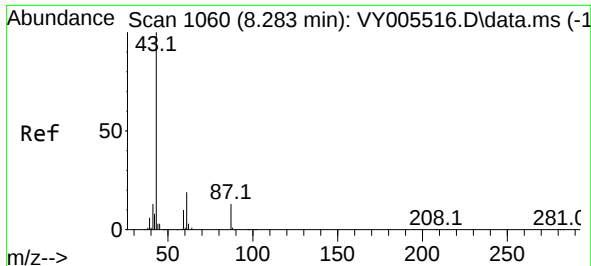
Tgt Ion:	41	Resp:	4950
Ion	Ratio	Lower	Upper
41	100		
39	62.4	0.0	0.0#
67	84.3	0.0	0.0#
52	34.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 4.457 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion:	62	Resp:	16662
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.4

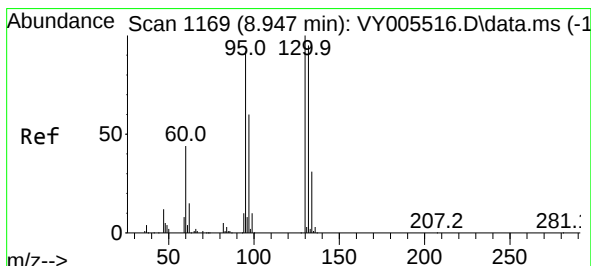
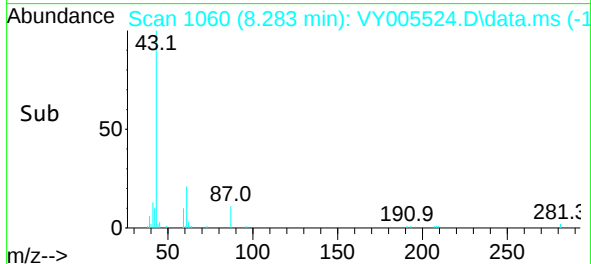
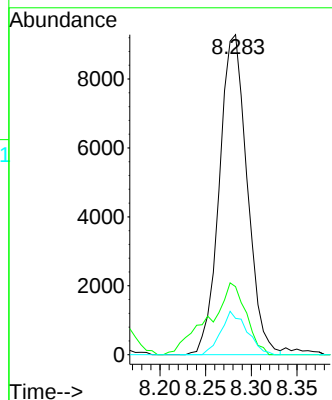
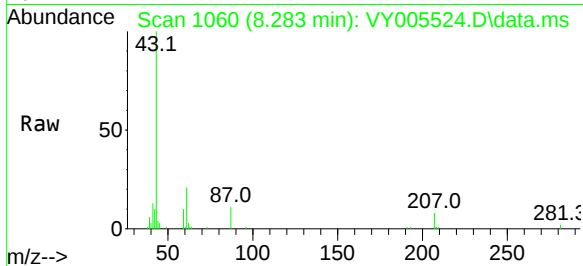




#43
Isopropyl Acetate
Concen: 4.251 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

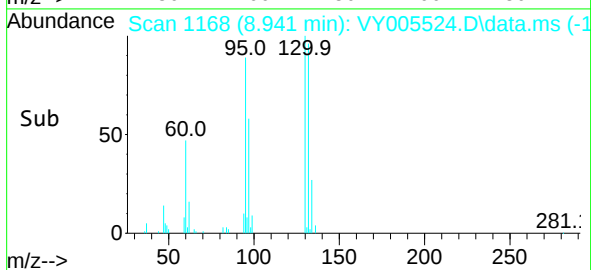
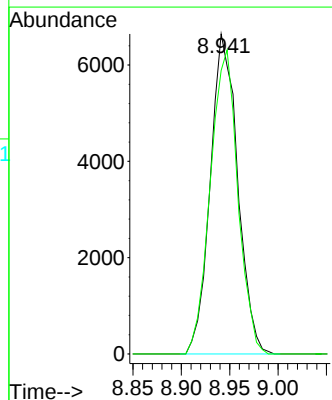
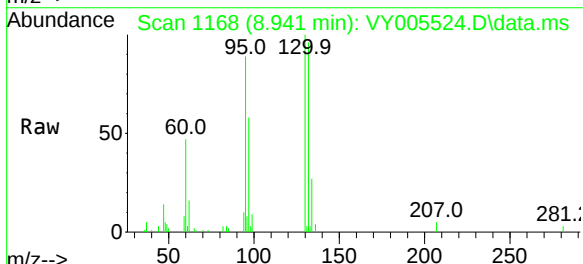
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

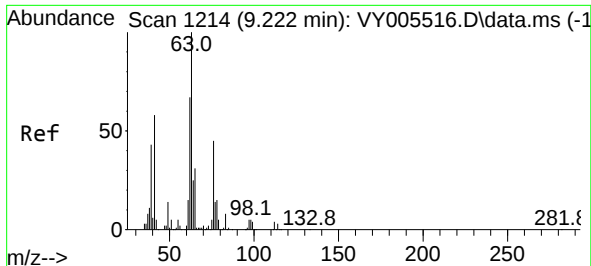
Tgt Ion:	43	Resp:	19625
Ion Ratio	Lower	Upper	
43	100		
61	30.1	23.0	34.6
87	12.7	10.6	16.0



#44
Trichloroethene
Concen: 4.146 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion:	130	Resp:	13042
Ion Ratio	Lower	Upper	
130	100		
95	88.6	0.0	185.0

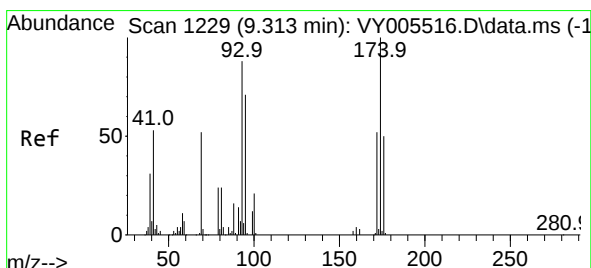
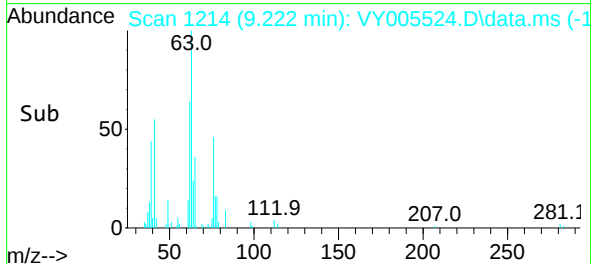
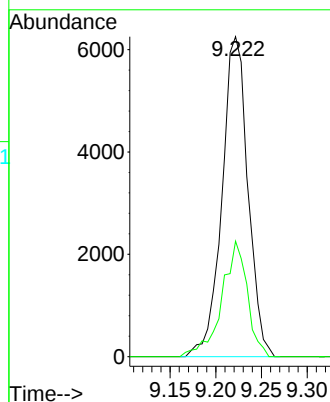
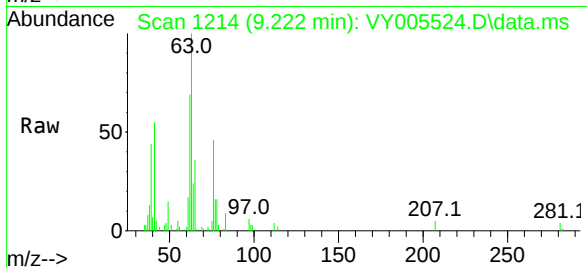




#45
1,2-Dichloropropane
Concen: 4.287 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

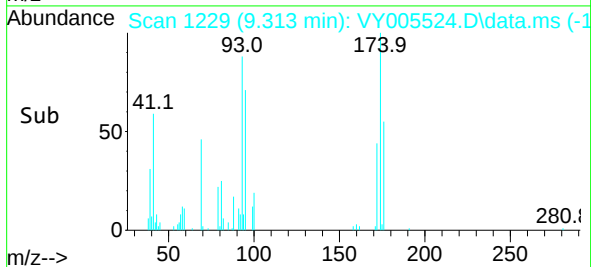
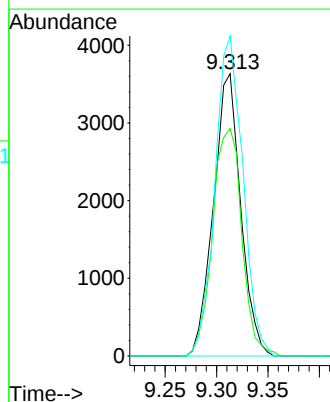
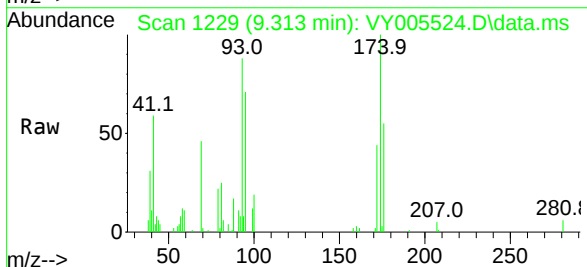
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

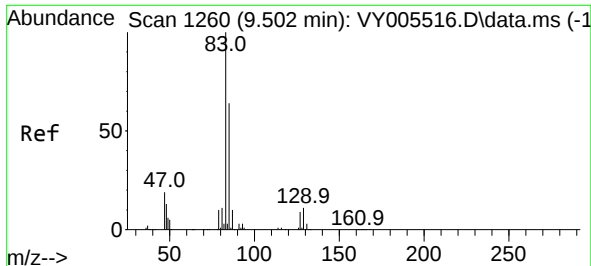
Tgt Ion: 63 Resp: 12362
Ion Ratio Lower Upper
63 100
65 36.1 24.9 37.3



#46
Dibromomethane
Concen: 4.201 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 93 Resp: 6697
Ion Ratio Lower Upper
93 100
95 86.2 66.5 99.7
174 116.1 93.8 140.6

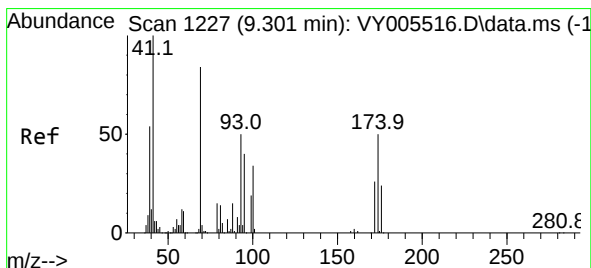
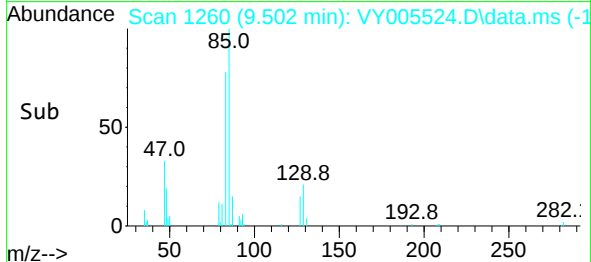
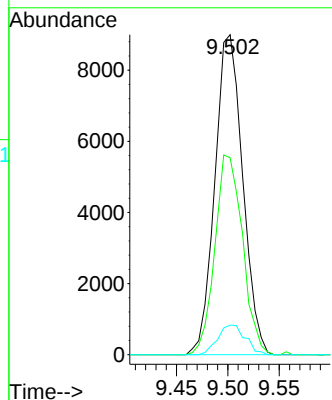
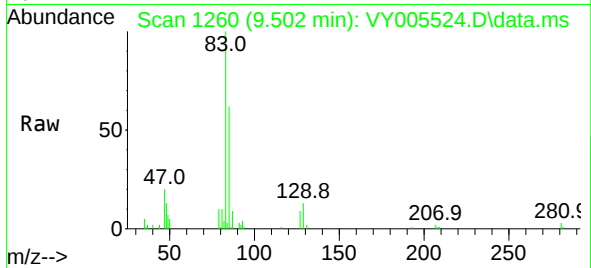




#47
Bromodichloromethane
Concen: 4.244 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

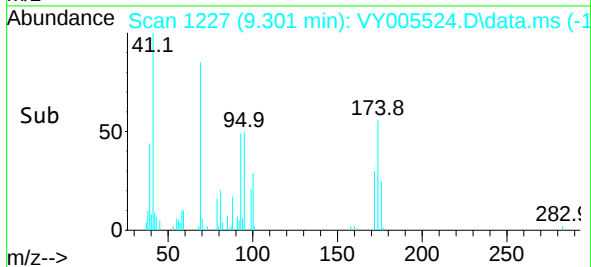
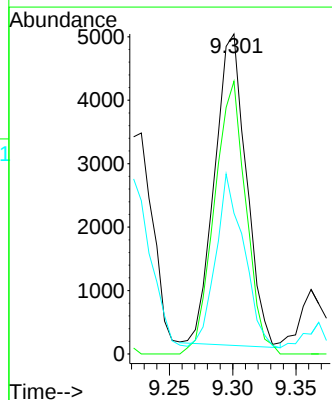
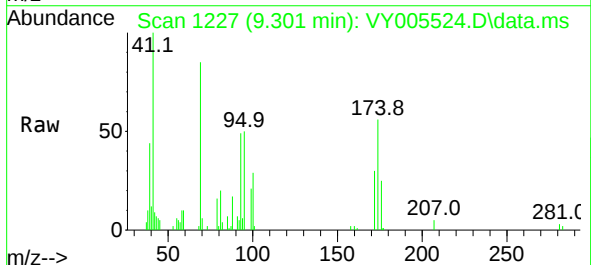
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

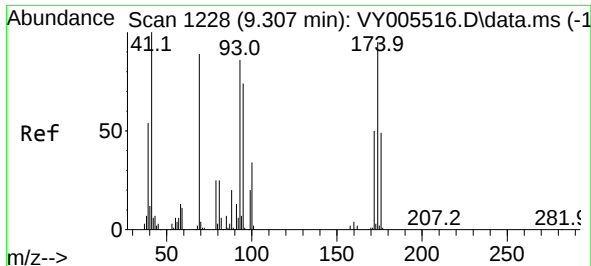
Tgt Ion:	83	Resp:	16935
Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.0	76.4
127	9.2	7.0	10.4



#48
Methyl methacrylate
Concen: 4.090 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion:	41	Resp:	8532
Ion	Ratio	Lower	Upper
41	100		
69	86.9	69.0	103.4
39	50.9	46.0	69.0





#49

1,4-Dioxane

Concen: 79.522 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Tgt Ion: 88 Resp: 1762

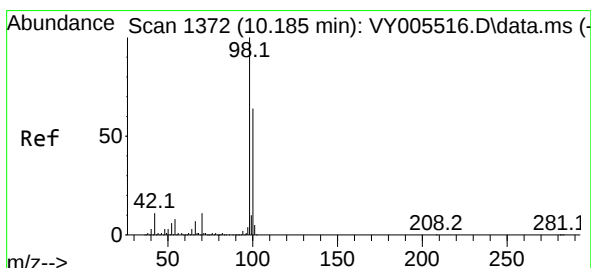
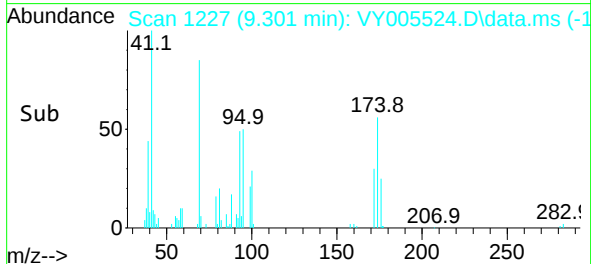
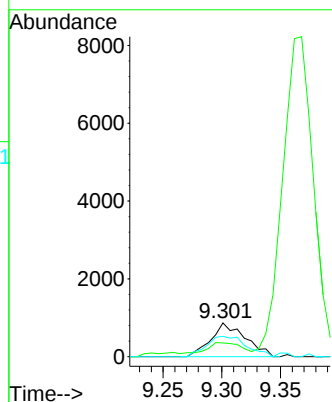
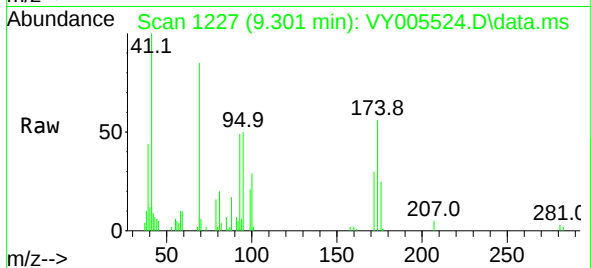
Ion	Ratio	Lower	Upper
88	100		
43	28.9	27.0	40.4
58	70.0	53.8	80.8

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2021



#50

Toluene-d8

Concen: 49.199 ug/l

RT: 10.185 min Scan# 1372

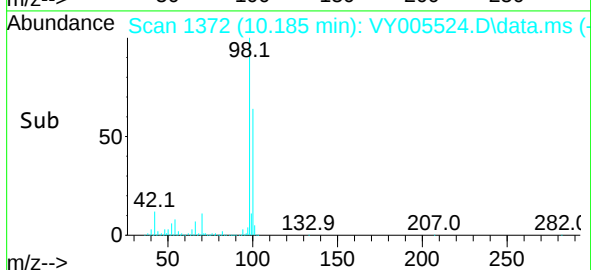
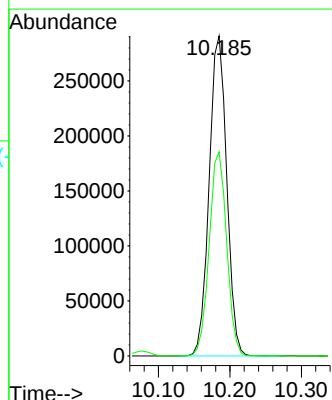
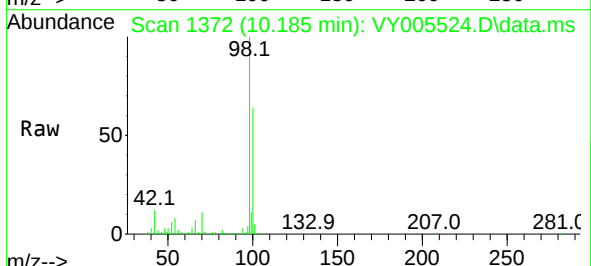
Delta R.T. -0.000 min

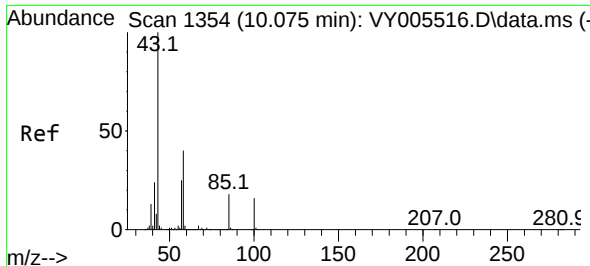
Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Tgt Ion: 98 Resp: 495723

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.3	76.9

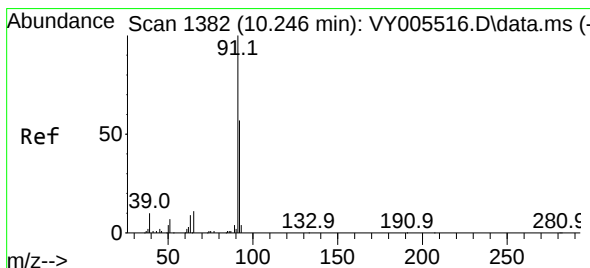
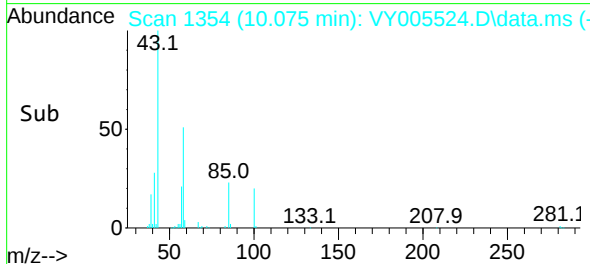
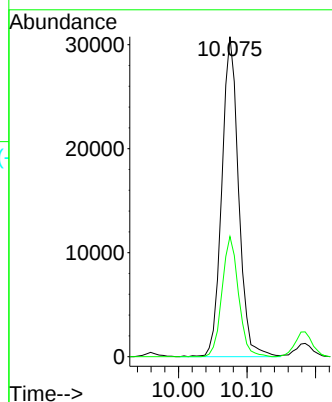
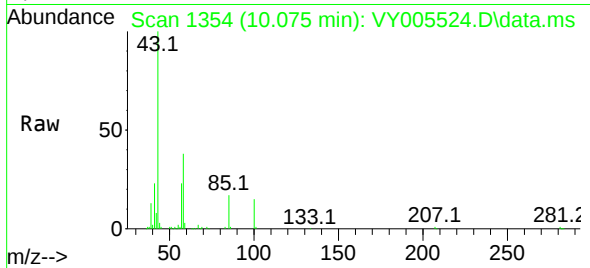




#51
4-Methyl-2-Pentanone
Concen: 21.497 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

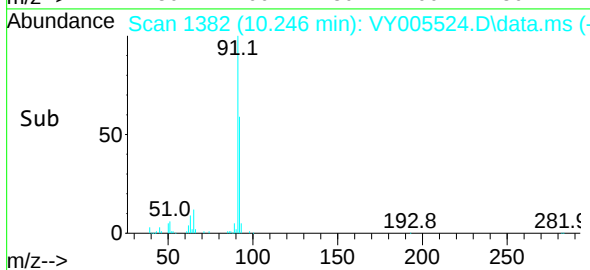
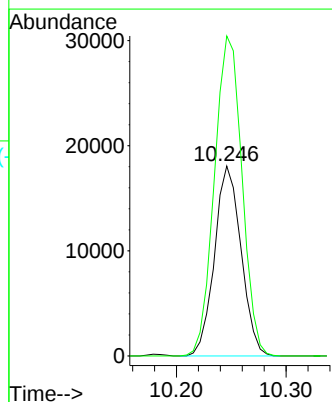
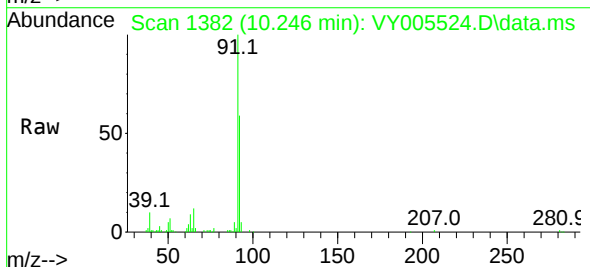
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

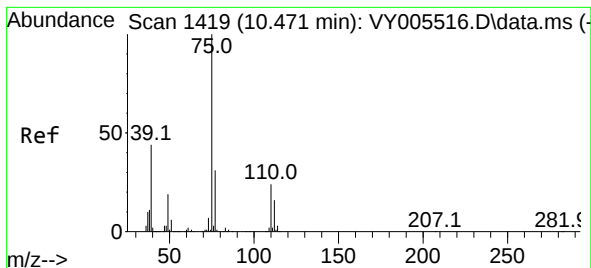
Tgt Ion: 43 Resp: 52260
Ion Ratio Lower Upper
43 100
58 36.8 31.4 47.2



#52
Toluene
Concen: 4.137 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 92 Resp: 30402
Ion Ratio Lower Upper
92 100
91 175.1 139.6 209.4

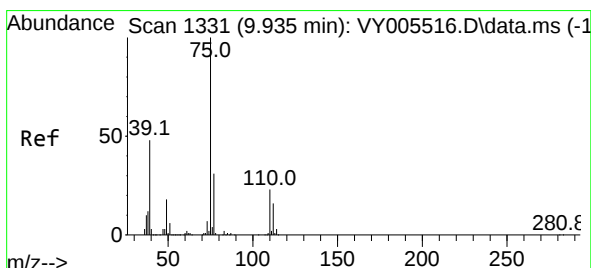
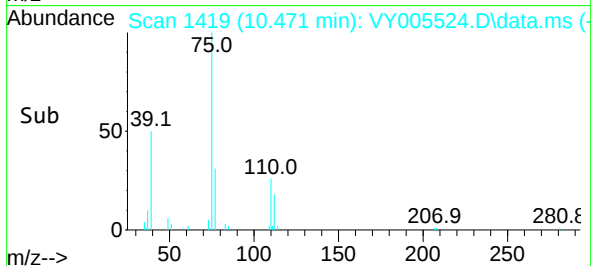
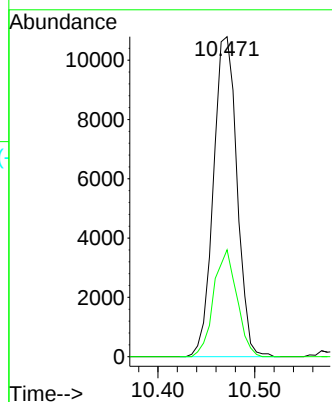
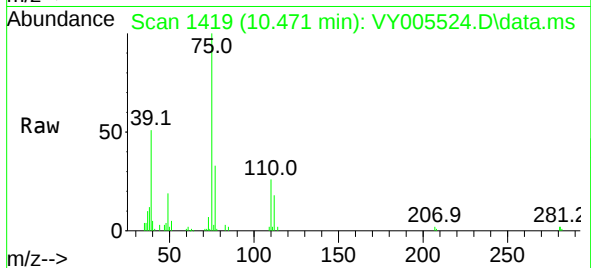




#53
 t-1,3-Dichloropropene
 Concen: 4.097 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

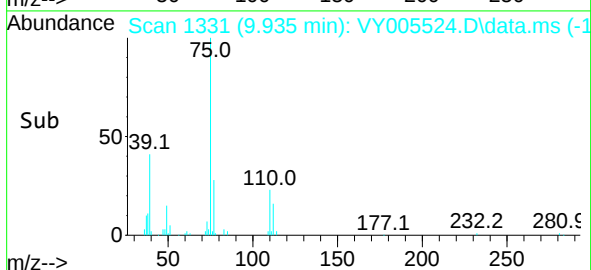
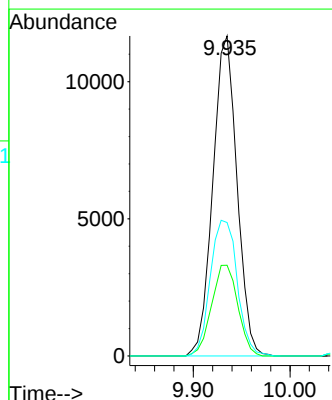
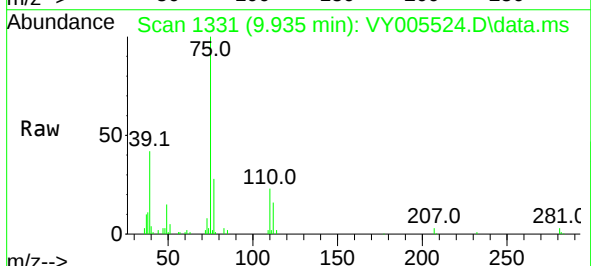
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

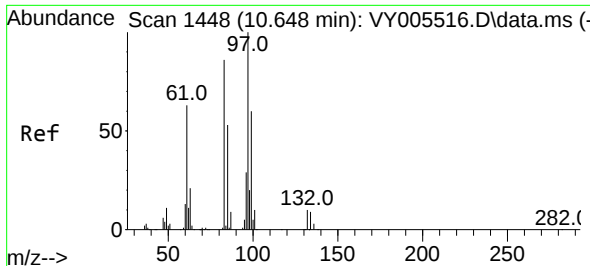
Tgt Ion: 75 Resp: 18268
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 4.176 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY005524.D
 Acq: 02 Aug 2021 16:19

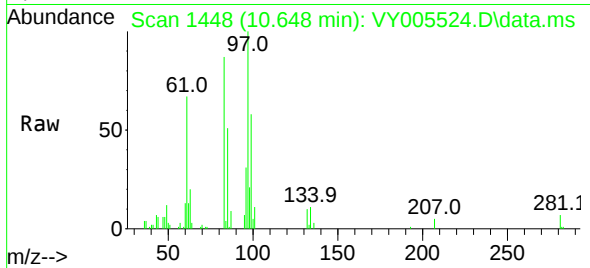
Tgt Ion: 75 Resp: 20207
 Ion Ratio Lower Upper
 75 100
 77 28.3 24.6 36.8
 39 41.7 38.1 57.1



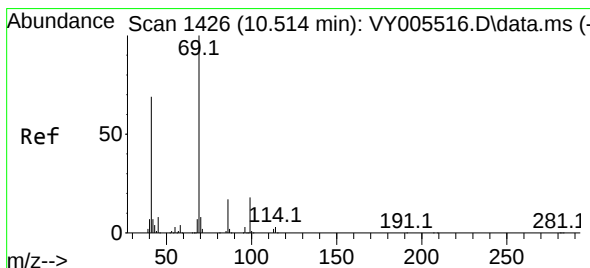
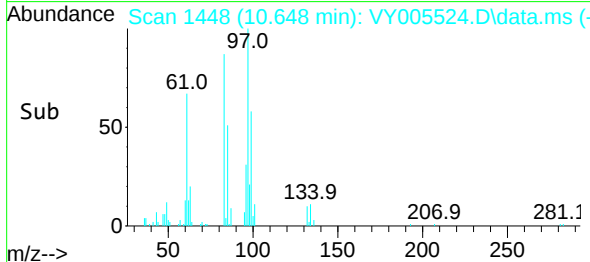
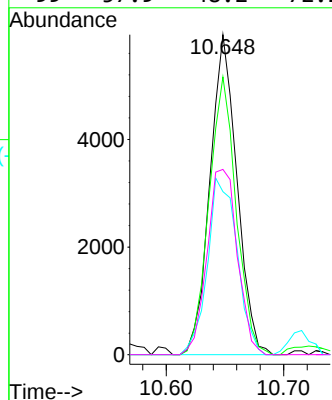


#55
1,1,2-Trichloroethane
Concen: 4.119 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

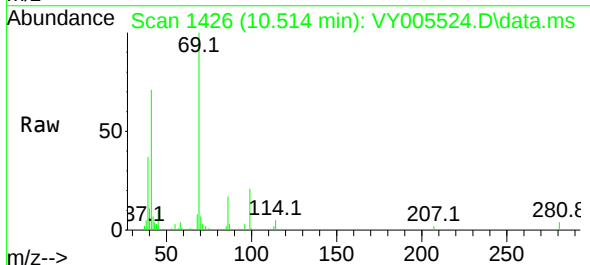
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021



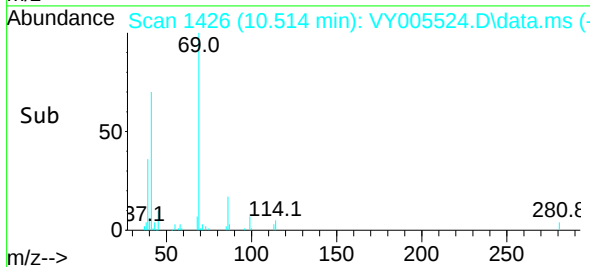
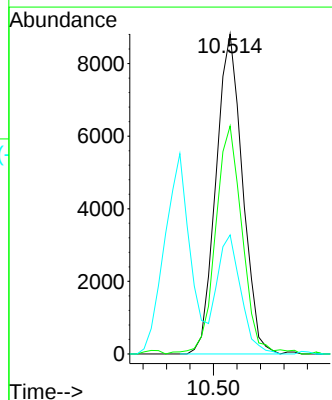
Tgt Ion: 97	Resp: 9502
Ion Ratio	Lower Upper
97 100	
83 86.8	68.7 103.1
85 51.0	42.4 63.6
99 57.9	48.2 72.2

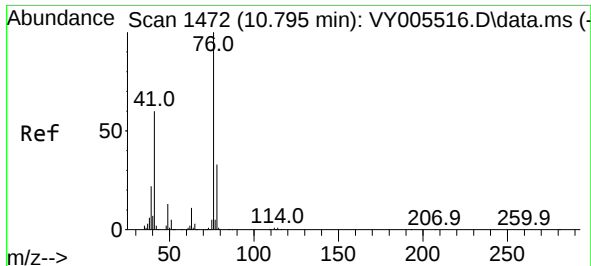


#56
Ethyl methacrylate
Concen: 3.993 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19



Tgt Ion: 69	Resp: 13792
Ion Ratio	Lower Upper
69 100	
41 71.9	53.9 80.9
39 32.9	27.0 40.4

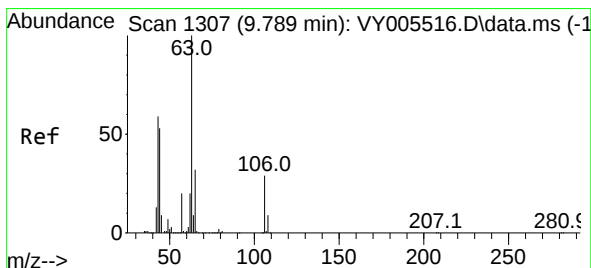
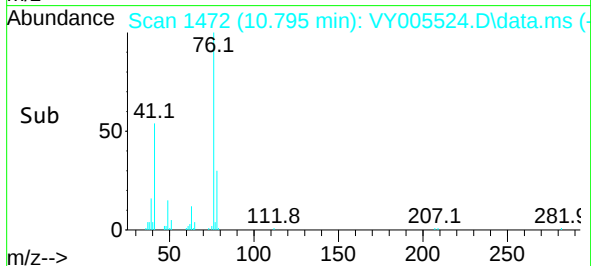
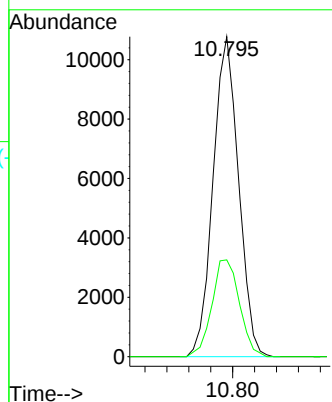
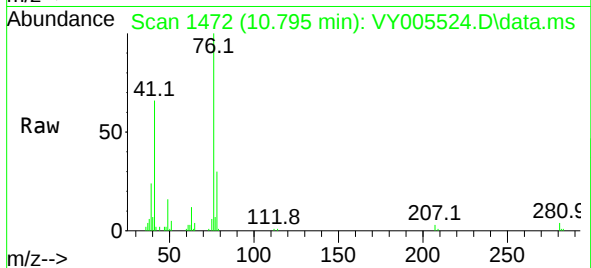




#57
1,3-Dichloropropane
Concen: 4.272 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

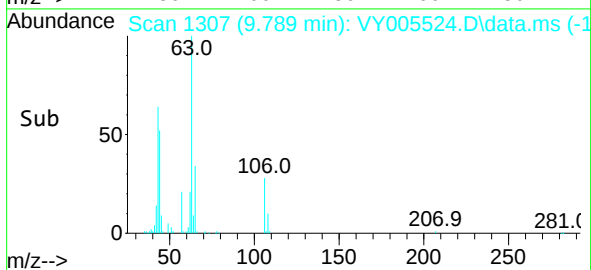
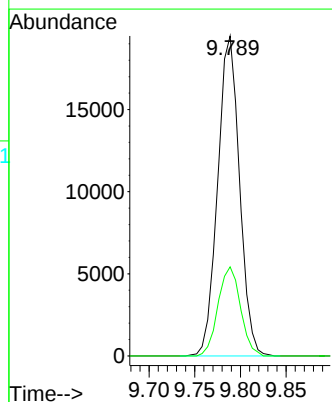
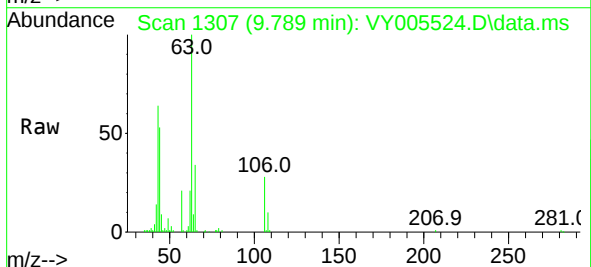
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

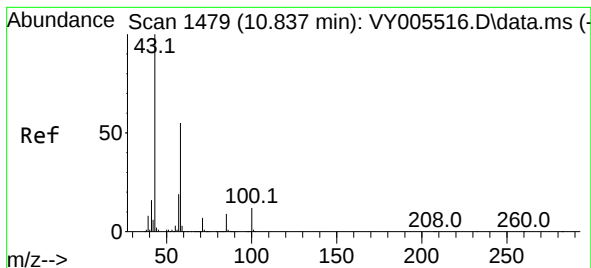
Tgt Ion: 76 Resp: 17376
Ion Ratio Lower Upper
76 100
78 32.7 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 19.624 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 63 Resp: 32388
Ion Ratio Lower Upper
63 100
106 28.6 23.1 34.7

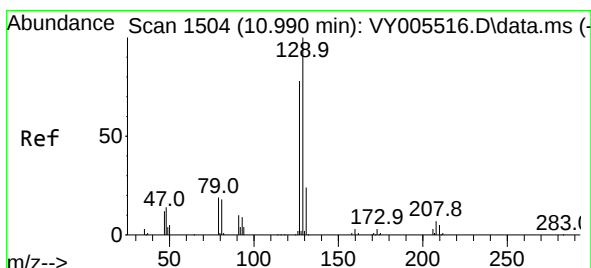
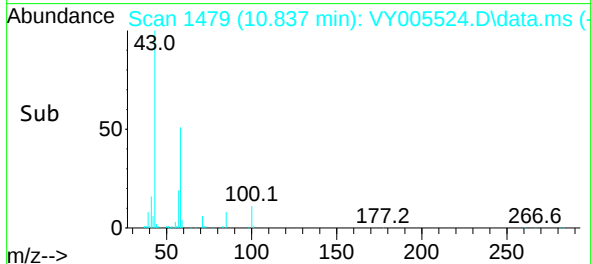
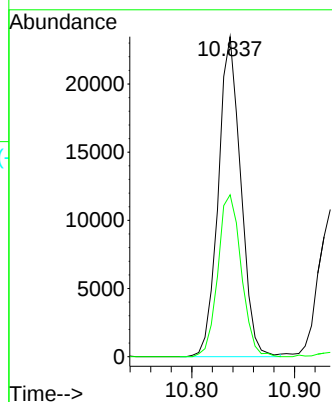
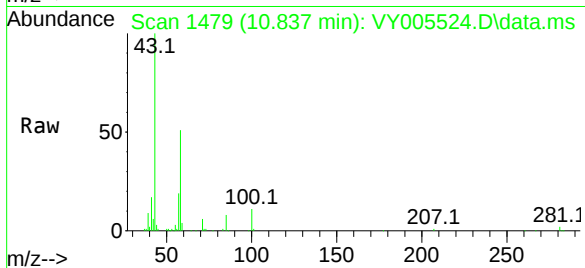




#59
2-Hexanone
Concen: 20.744 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

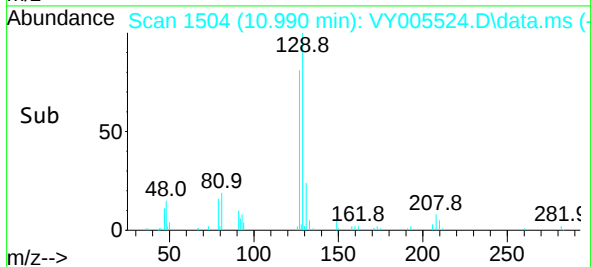
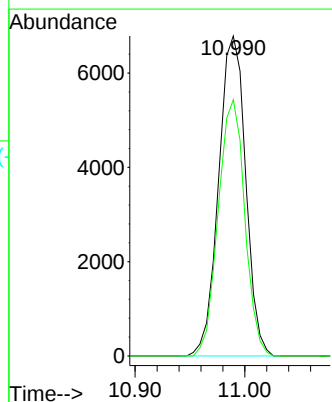
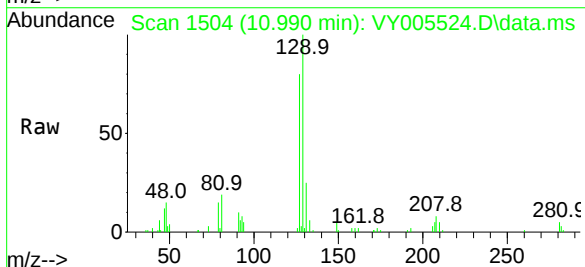
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

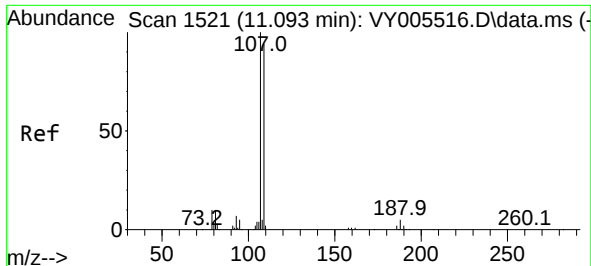
Tgt Ion: 43 Resp: 35643
Ion Ratio Lower Upper
43 100
58 52.5 27.1 81.2



#60
Dibromochloromethane
Concen: 4.069 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 129 Resp: 11616
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.7

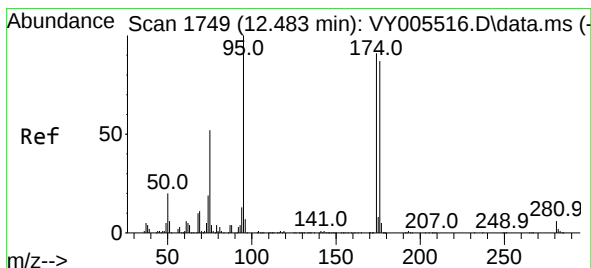
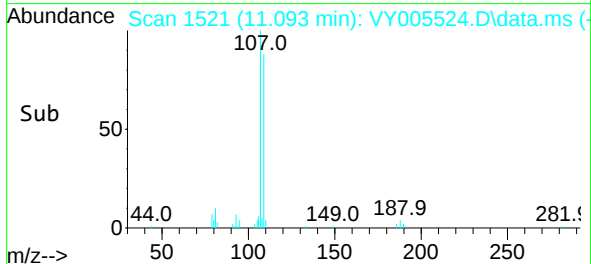
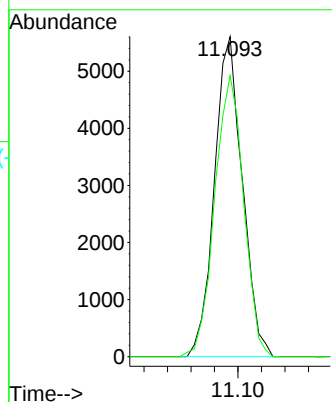
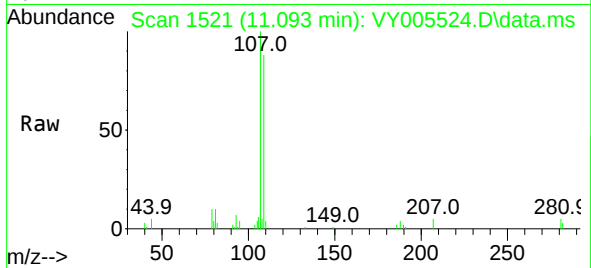




#61
1,2-Dibromoethane
Concen: 4.233 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

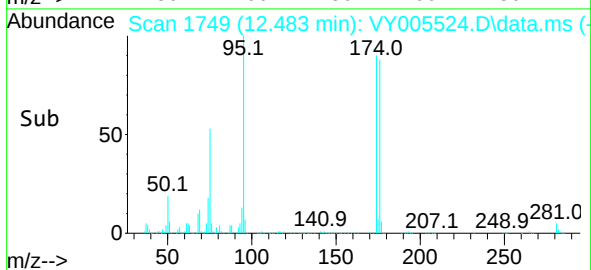
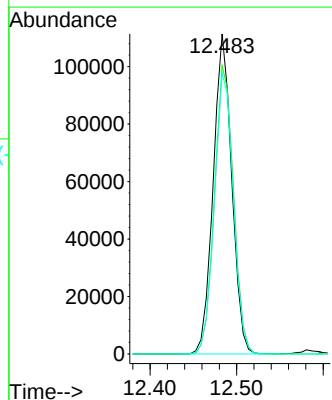
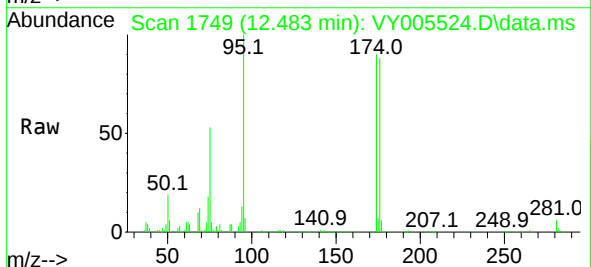
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

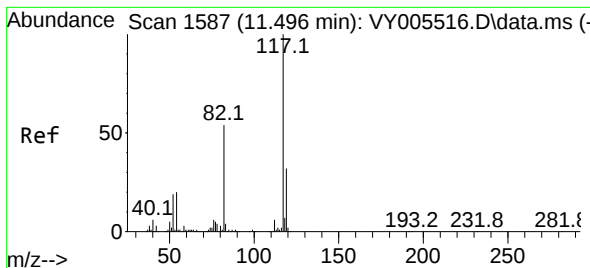
Tgt Ion:107 Resp: 9250
Ion Ratio Lower Upper
107 100
109 90.9 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 49.499 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 95 Resp: 165159
Ion Ratio Lower Upper
95 100
174 93.0 0.0 191.4
176 90.1 0.0 183.6

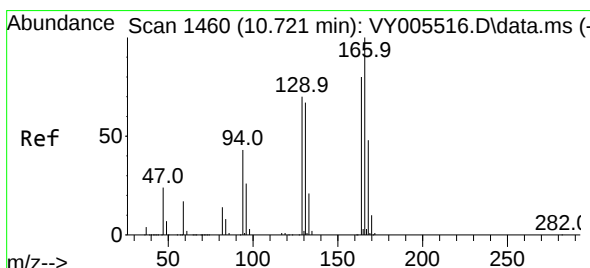
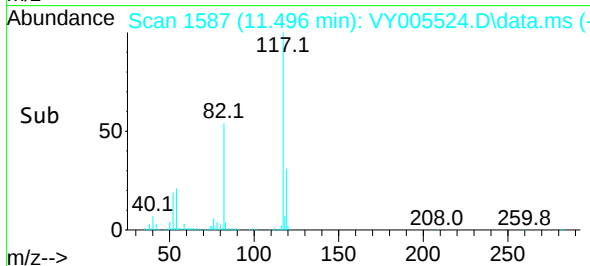
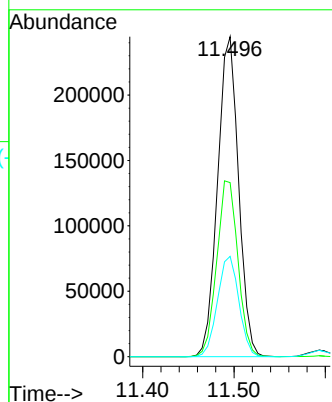
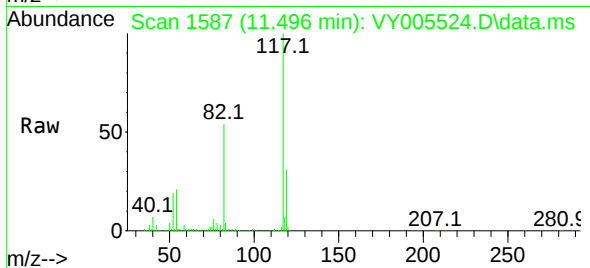




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

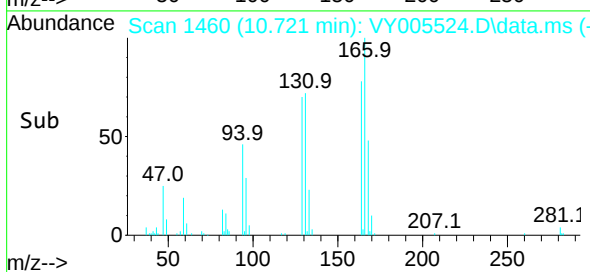
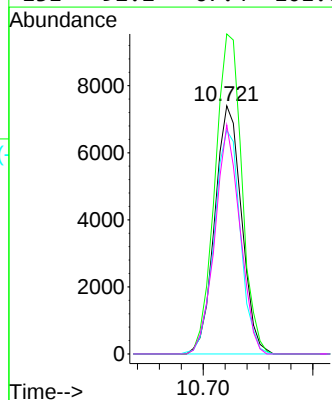
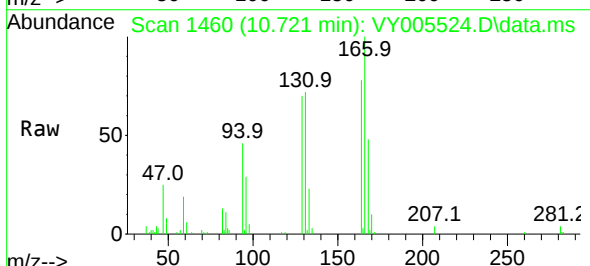
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

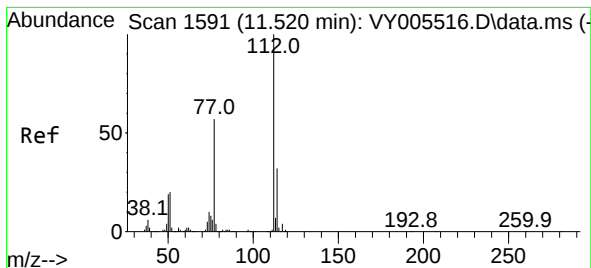
Tgt Ion:	117	Resp:	390059
Ion Ratio	Lower	Upper	
117	100		
82	54.4	43.5	65.3
119	31.3	25.5	38.3



#64
Tetrachloroethene
Concen: 4.227 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion:	164	Resp:	12551
Ion Ratio	Lower	Upper	
164	100		
166	128.9	99.8	149.8
129	90.1	70.1	105.1
131	92.2	67.4	101.0

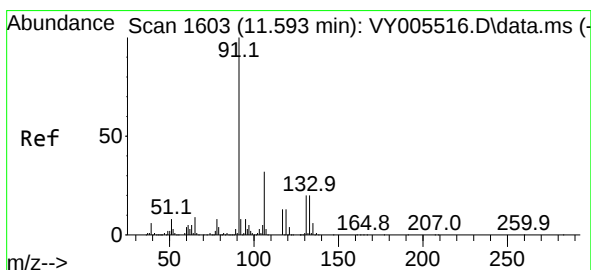
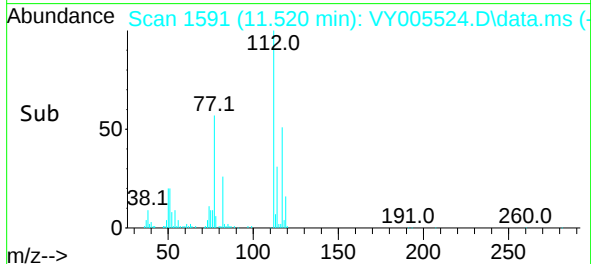
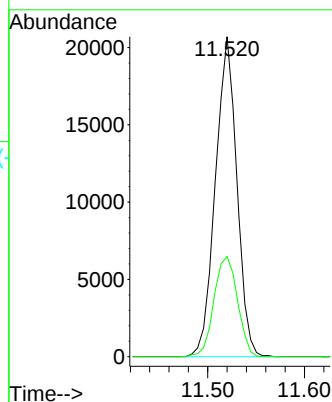
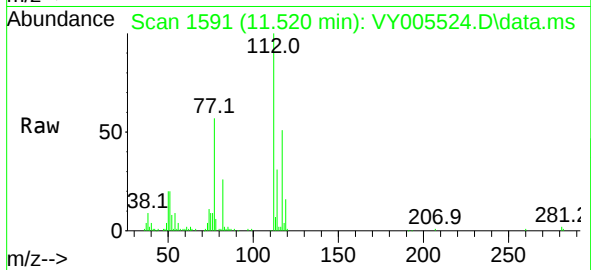




#65
Chlorobenzene
Concen: 4.058 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

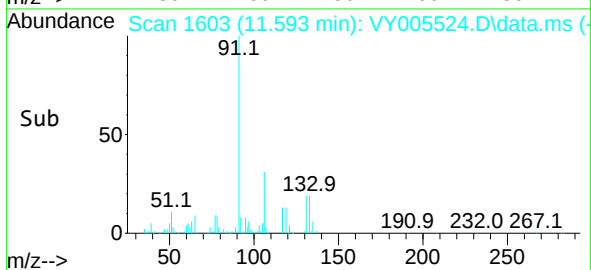
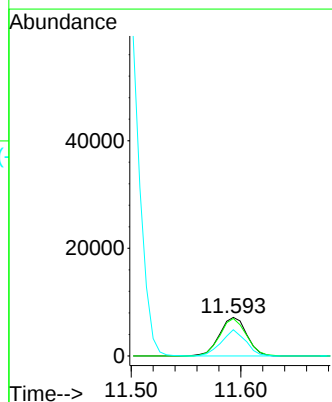
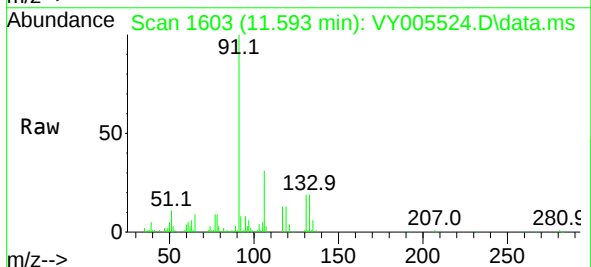
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

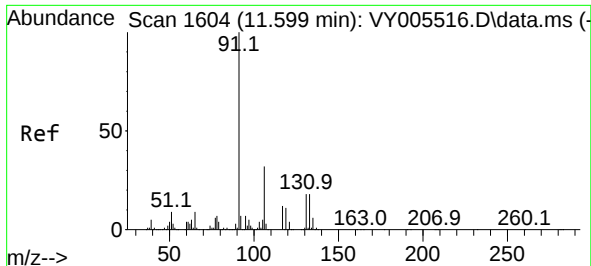
Tgt Ion:112 Resp: 31854
Ion Ratio Lower Upper
112 100
114 31.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.191 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion:131 Resp: 12381
Ion Ratio Lower Upper
131 100
133 95.0 48.2 144.6
119 60.7 31.4 94.0

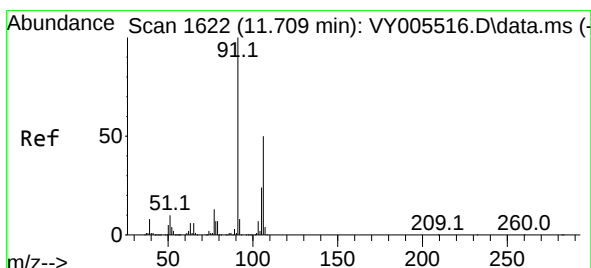
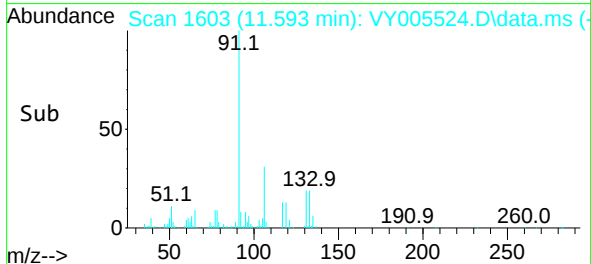
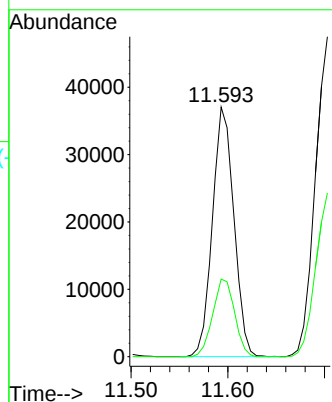
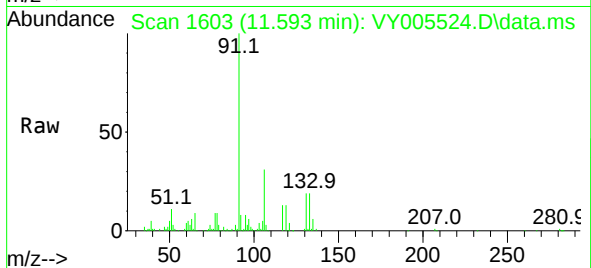




#67
Ethyl Benzene
Concen: 4.012 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

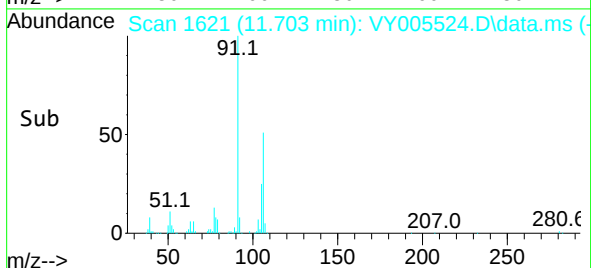
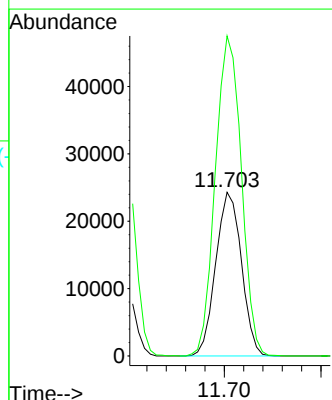
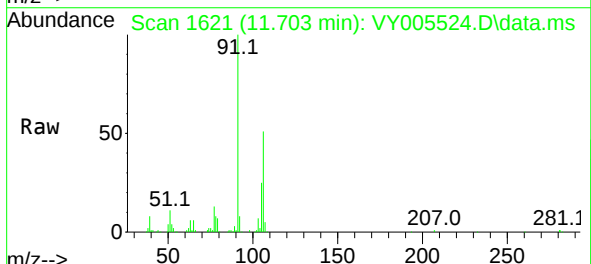
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

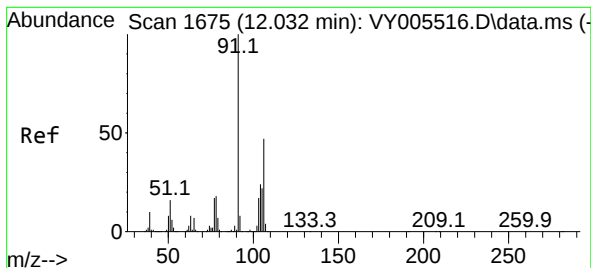
Tgt Ion: 91 Resp: 57104
Ion Ratio Lower Upper
91 100
106 31.1 25.8 38.6



#68
m/p-Xylenes
Concen: 8.107 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 106 Resp: 44820
Ion Ratio Lower Upper
106 100
91 197.9 159.6 239.4

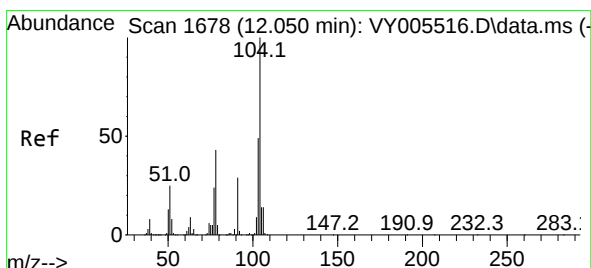
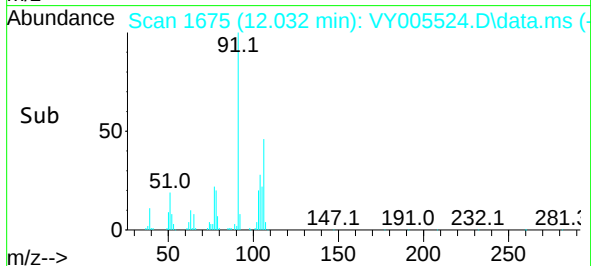
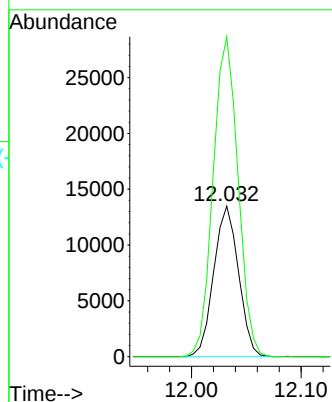
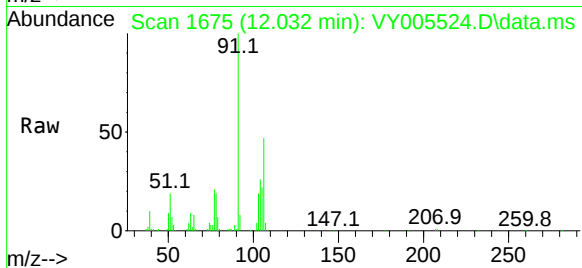




#69
o-Xylene
Concen: 3.984 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

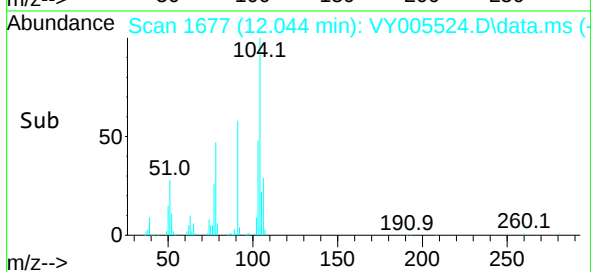
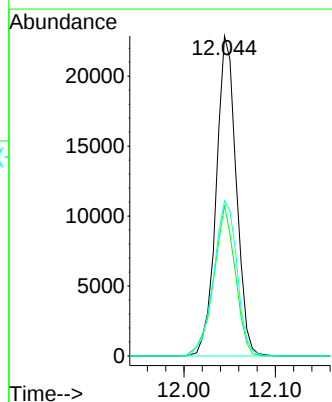
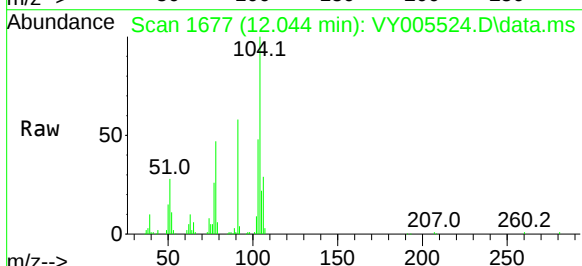
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

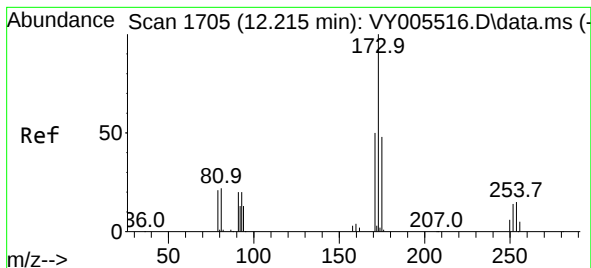
Tgt Ion:106 Resp: 21168
Ion Ratio Lower Upper
106 100
91 213.5 106.2 318.6



#70
Styrene
Concen: 3.898 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion:104 Resp: 34866
Ion Ratio Lower Upper
104 100
78 50.5 40.2 60.4
103 56.2 43.8 65.8





#71

Bromoform

Concen: 4.187 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

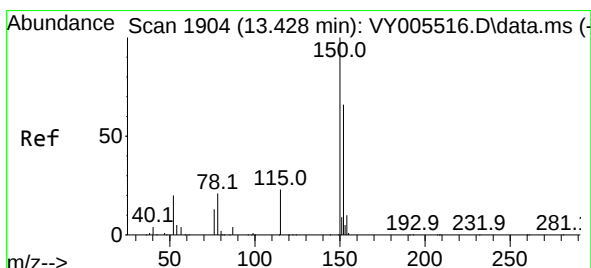
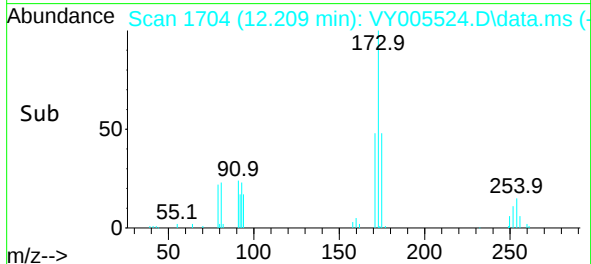
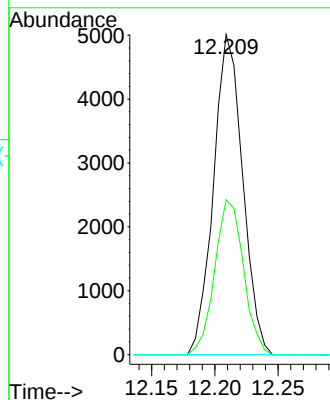
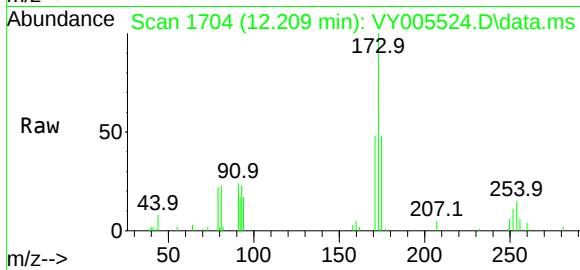
Tgt Ion:173 Resp: 8022

Ion Ratio Lower Upper

173 100

175 47.7 24.3 72.9

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

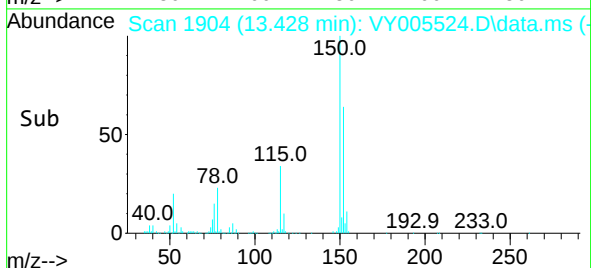
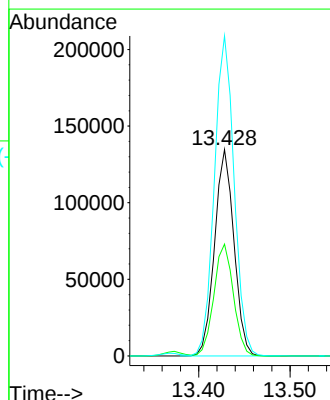
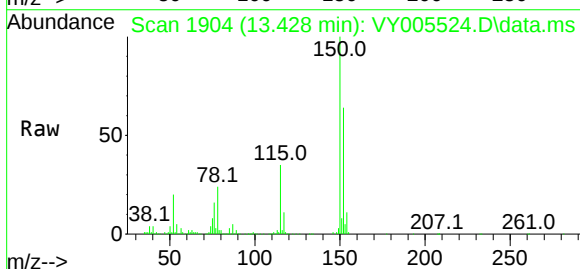
Tgt Ion:152 Resp: 198387

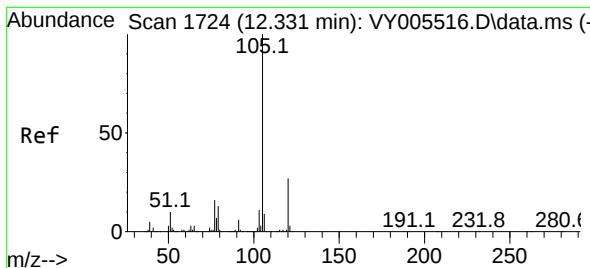
Ion Ratio Lower Upper

152 100

115 54.7 27.3 81.9

150 158.2 0.0 350.2





#73

Isopropylbenzene

Concen: 3.999 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY005524.D

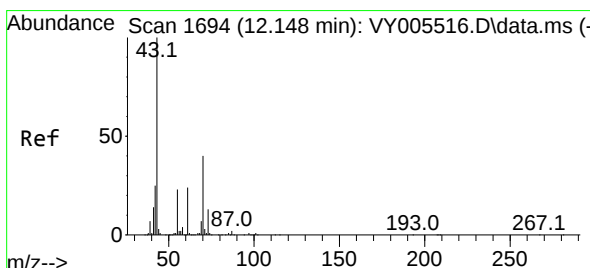
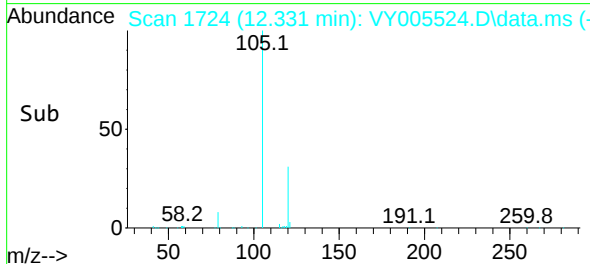
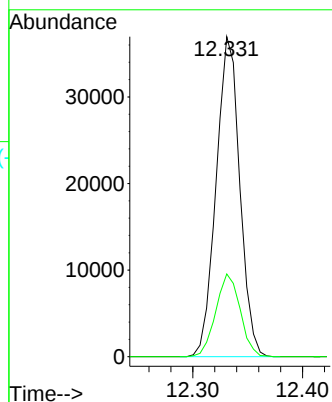
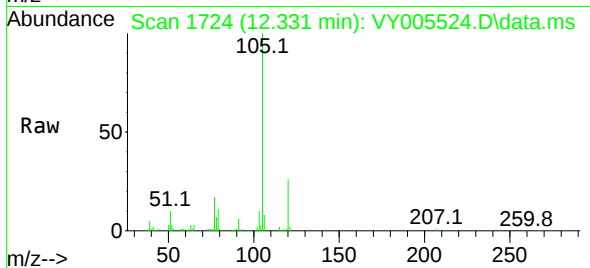
Acq: 02 Aug 2021 16:19

Tgt Ion:105 Resp: 55375

Ion Ratio Lower Upper

105 100

120 26.7 13.7 41.1



#74

N-ethyl acetate

Concen: 4.108 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Tgt Ion: 43 Resp: 17125

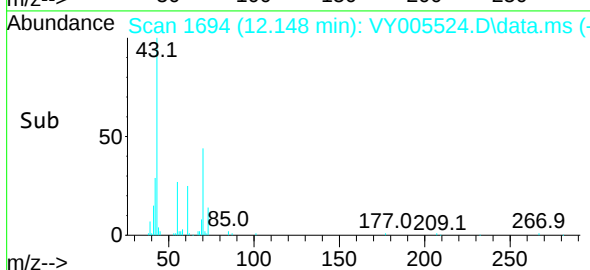
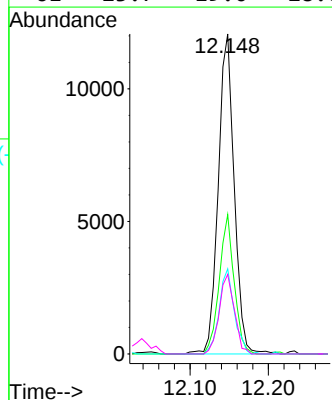
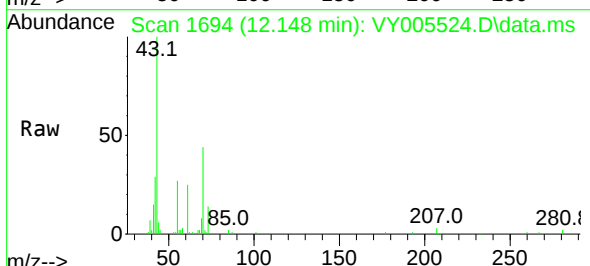
Ion Ratio Lower Upper

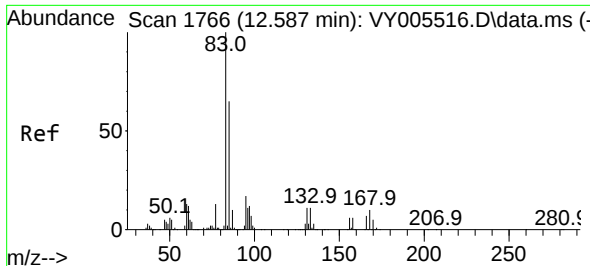
43 100

70 40.6 32.9 49.3

55 25.3 18.9 28.3

61 23.7 19.0 28.6

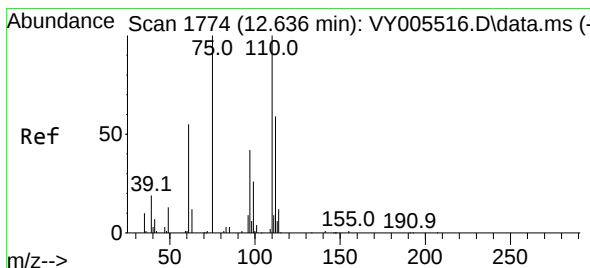
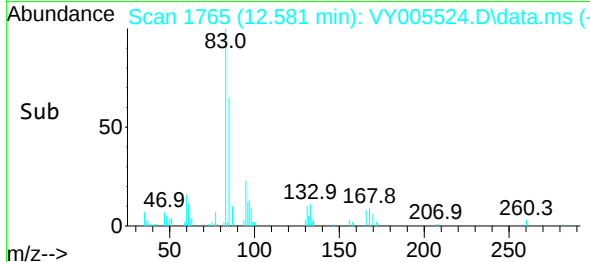
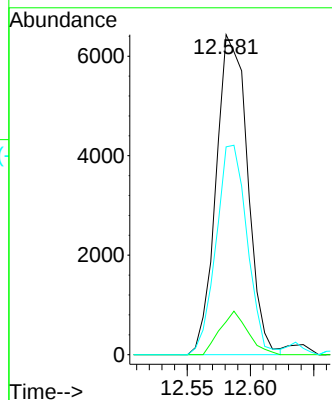
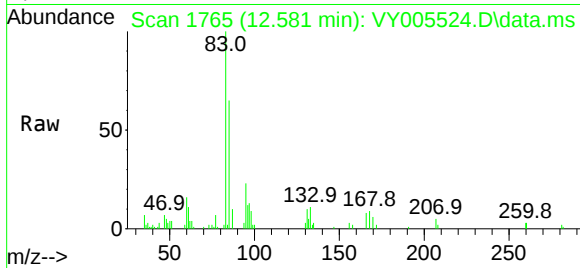




#75
1,1,2,2-Tetrachloroethane
Concen: 4.172 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

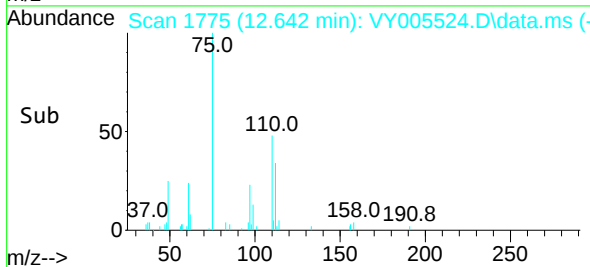
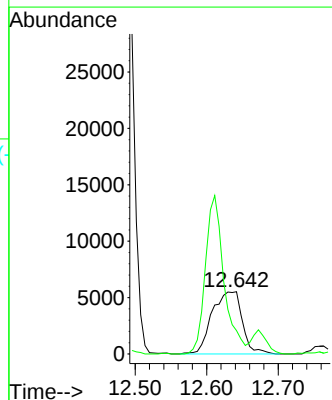
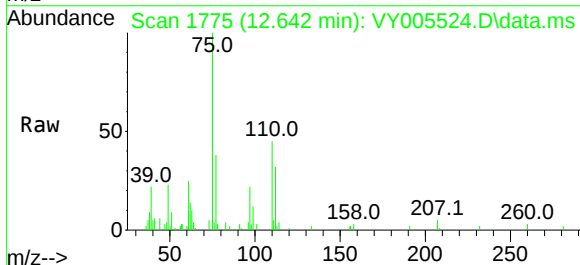
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

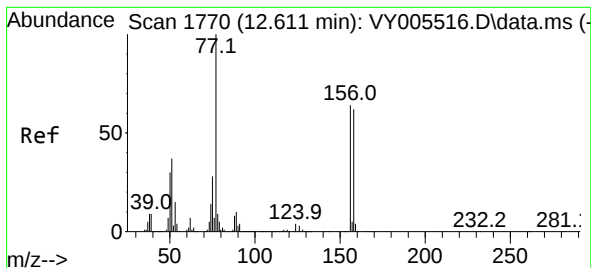
Tgt Ion:	83	Resp:	11111
Ion	Ratio	Lower	Upper
83	100		
131	12.1	5.6	16.8
85	64.8	32.0	96.2



#76
1,2,3-Trichloropropane
Concen: 7.874 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion:	75	Resp:	16187
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 4.221 ug/l

RT: 12.611 min Scan# 1770

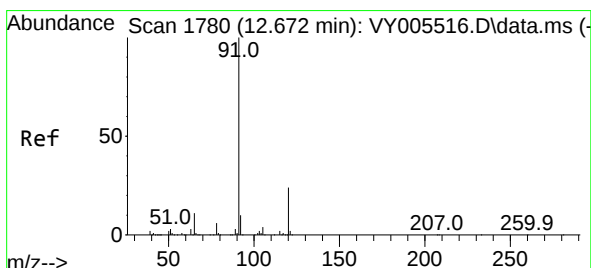
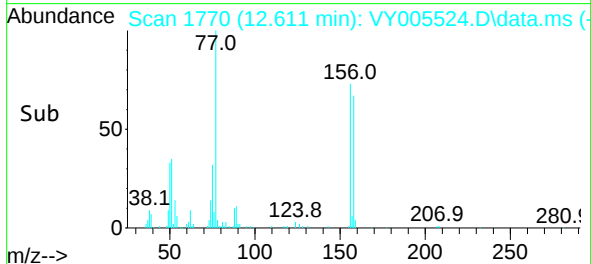
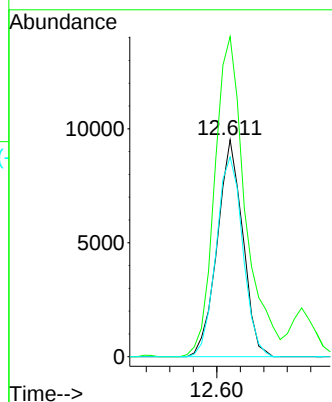
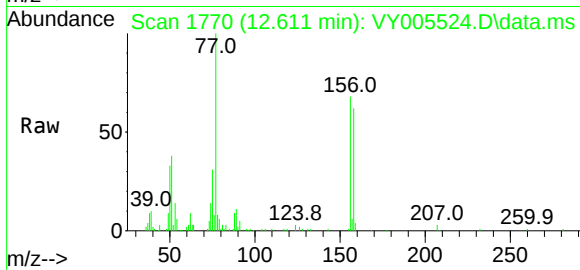
Delta R.T. -0.000 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Tgt Ion:	156	Resp:	14362
Ion Ratio	Lower	Upper	
156	100		
77	176.9	85.5	256.5
158	95.9	48.5	145.6

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



#78

n-propylbenzene

Concen: 4.120 ug/l

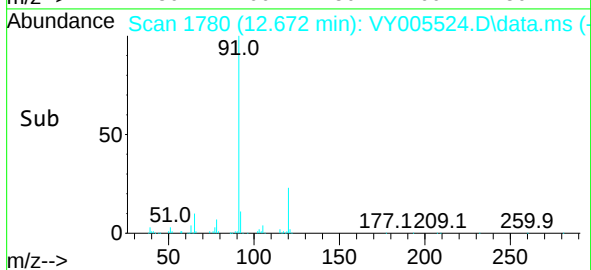
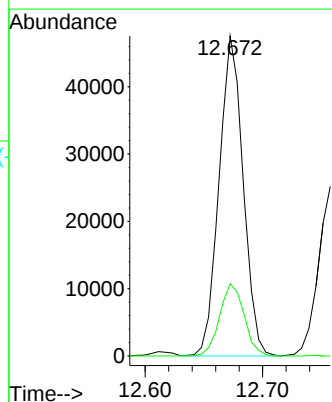
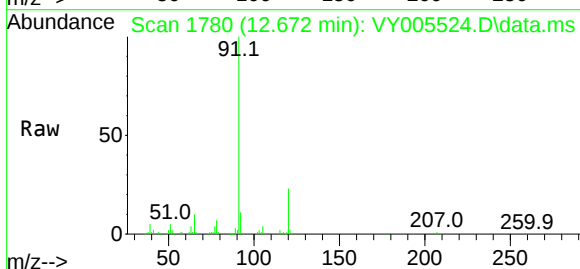
RT: 12.672 min Scan# 1780

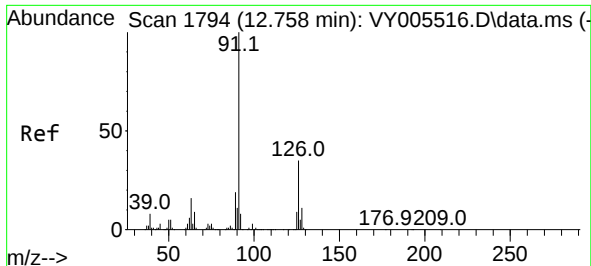
Delta R.T. -0.000 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Tgt Ion:	91	Resp:	67767
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.9	35.9

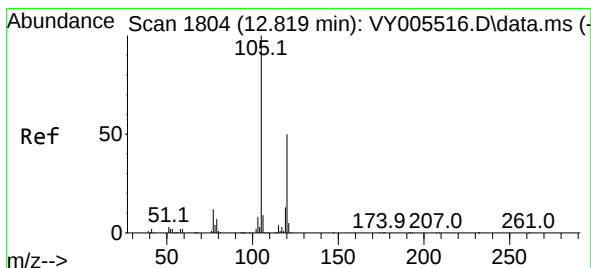
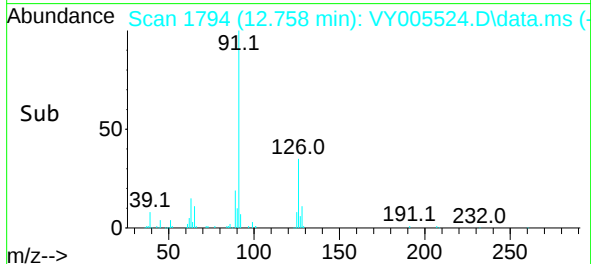
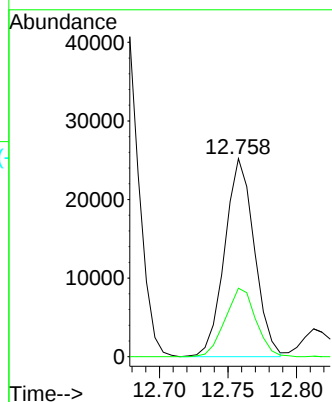
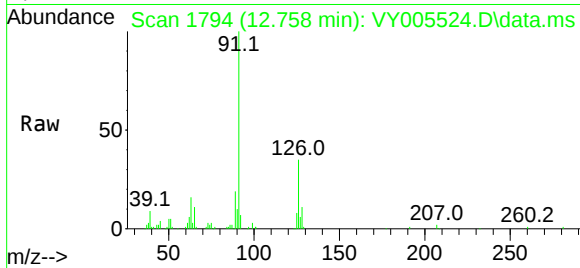




#79
2-Chlorotoluene
Concen: 4.114 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

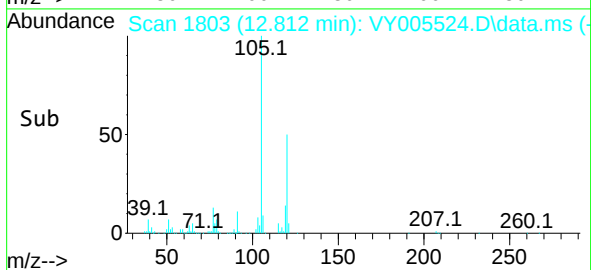
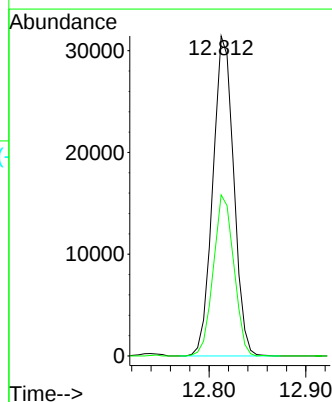
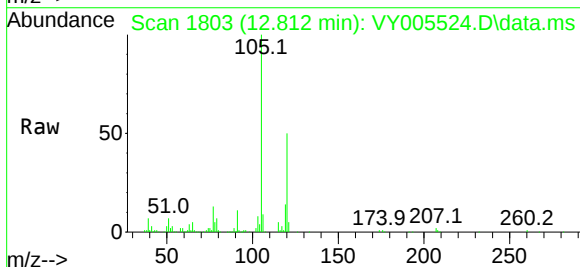
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

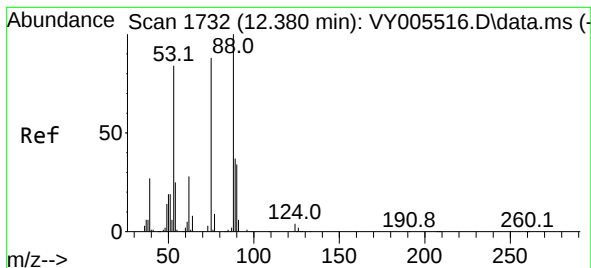
Tgt Ion: 91 Resp: 37996
Ion Ratio Lower Upper
91 100
126 35.7 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 4.092 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 105 Resp: 47027
Ion Ratio Lower Upper
105 100
120 49.5 25.0 75.0

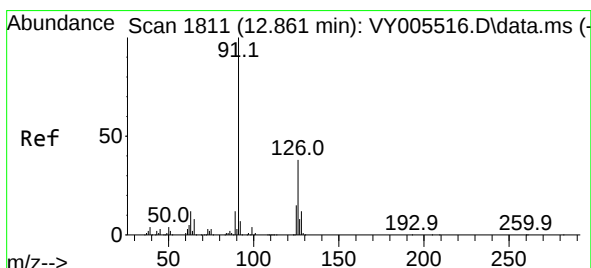
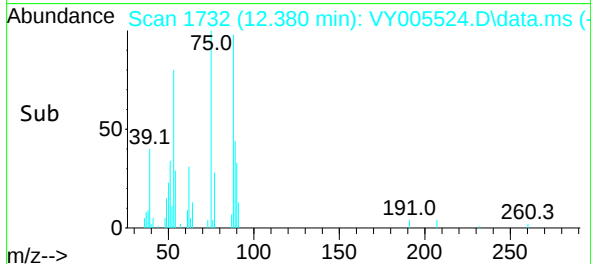
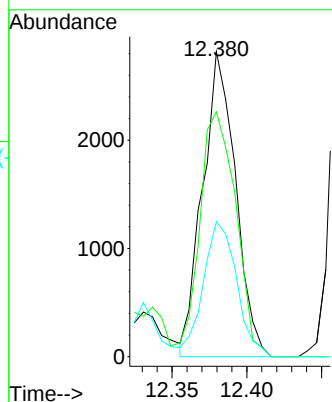
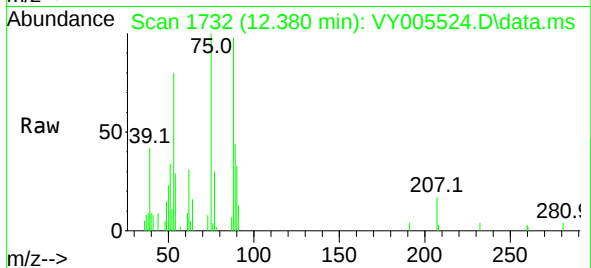




#81
trans-1,4-Dichloro-2-butene
Concen: 4.218 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

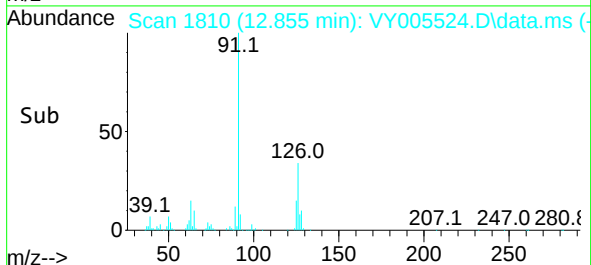
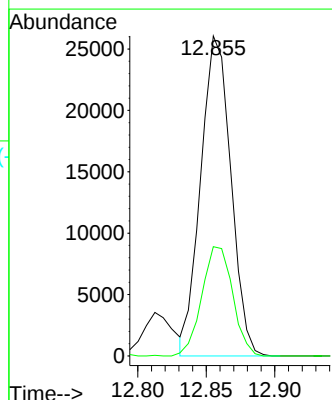
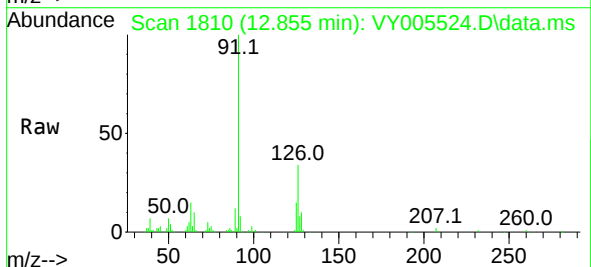
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

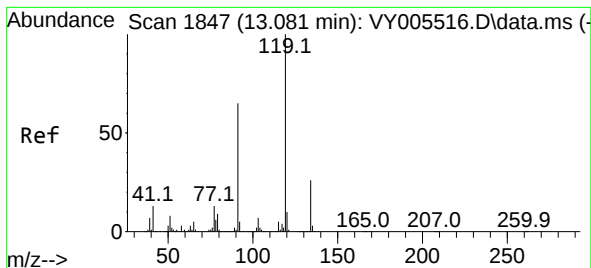
Tgt Ion: 75 Resp: 4302
Ion Ratio Lower Upper
75 100
53 88.3 76.7 115.1
89 44.8 38.4 57.6



#82
4-Chlorotoluene
Concen: 4.177 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion: 91 Resp: 39919
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5

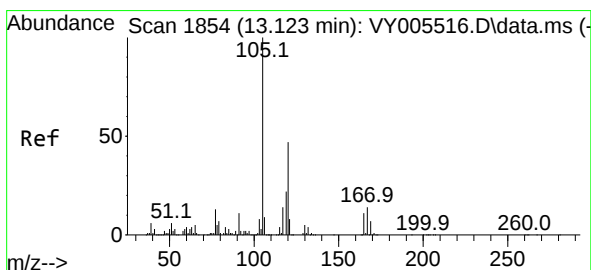
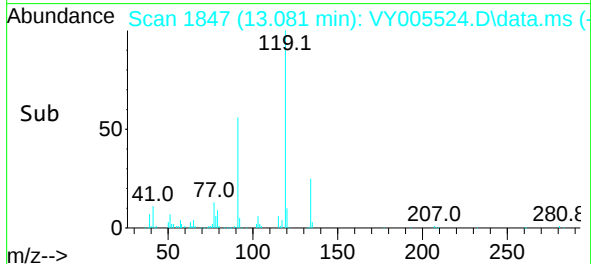
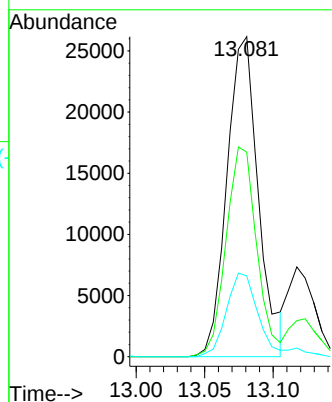
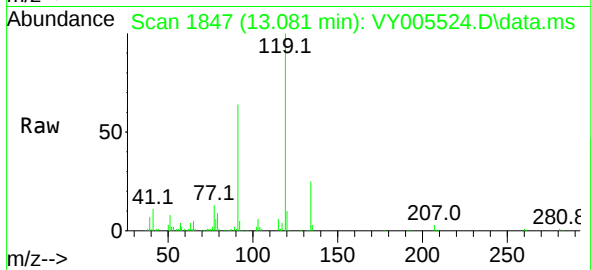




#83
tert-Butylbenzene
Concen: 4.047 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

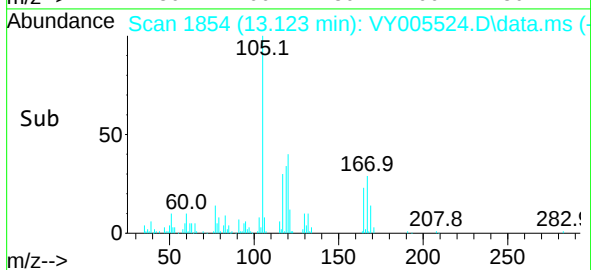
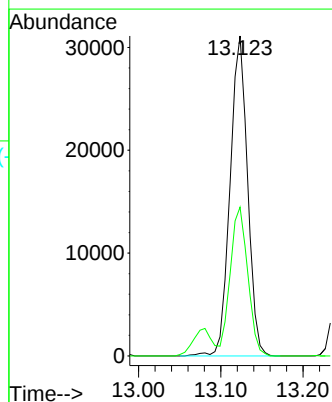
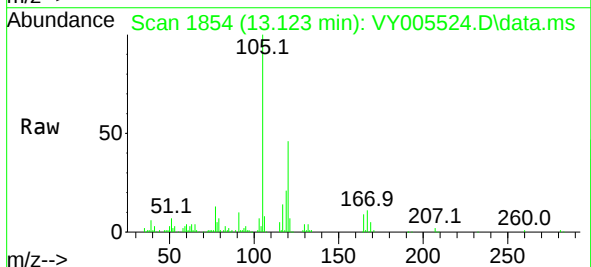
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

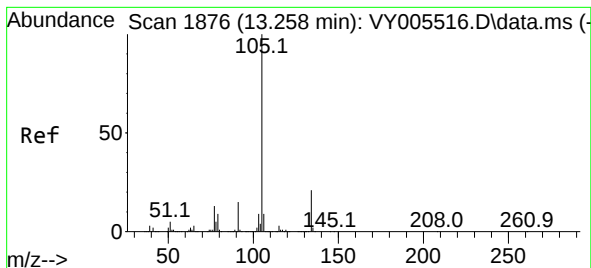
Tgt Ion:119 Resp: 41736
Ion Ratio Lower Upper
119 100
91 64.0 31.9 95.9
134 27.6 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 4.059 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion:105 Resp: 46031
Ion Ratio Lower Upper
105 100
120 46.4 22.9 68.5

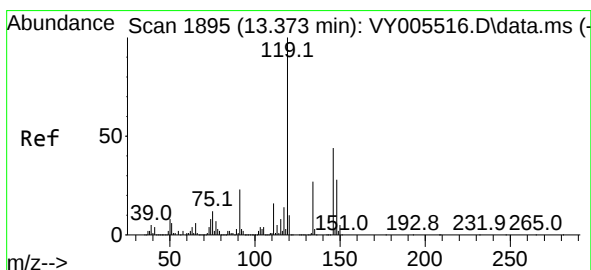
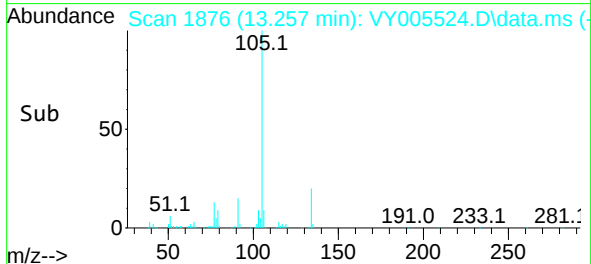
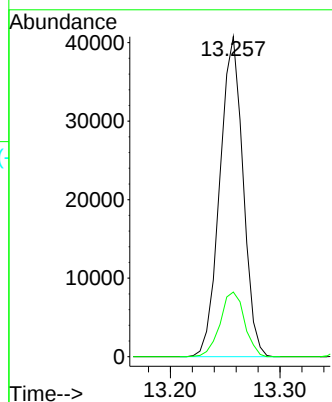
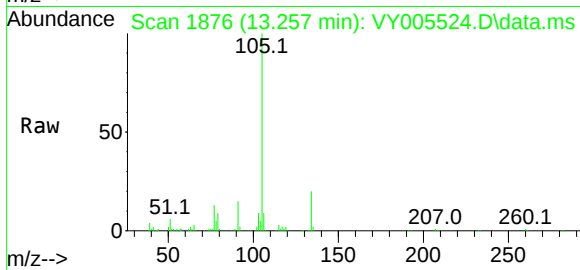




#85
sec-Butylbenzene
Concen: 4.036 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

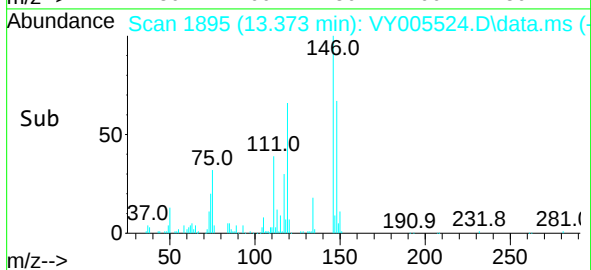
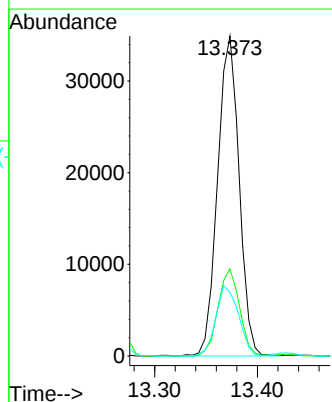
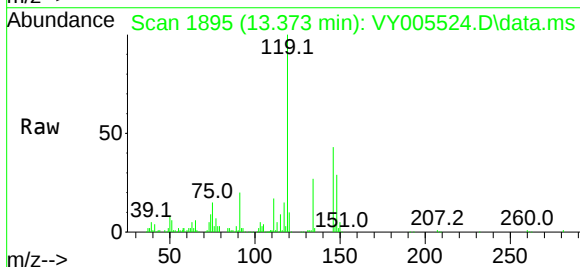
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

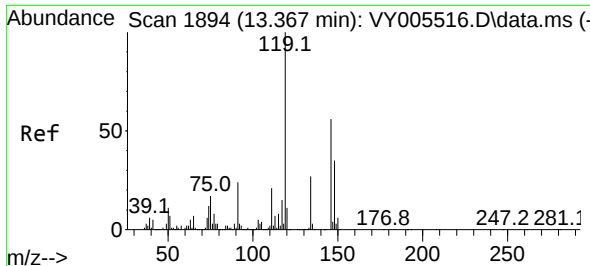
Tgt Ion:105 Resp: 60028
Ion Ratio Lower Upper
105 100
134 21.2 10.5 31.5



#86
p-Isopropyltoluene
Concen: 3.971 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion:119 Resp: 50717
Ion Ratio Lower Upper
119 100
134 27.2 13.6 40.7
91 23.1 11.6 34.7



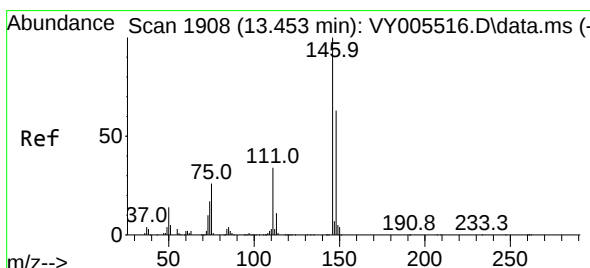
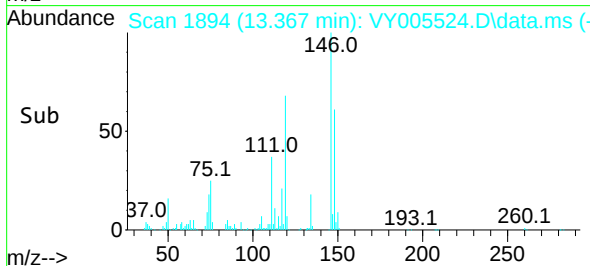
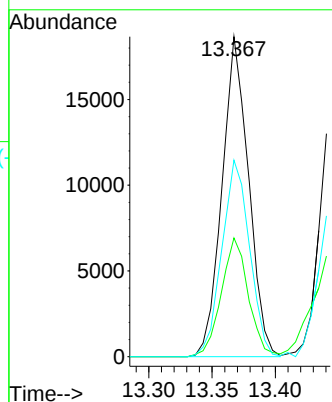
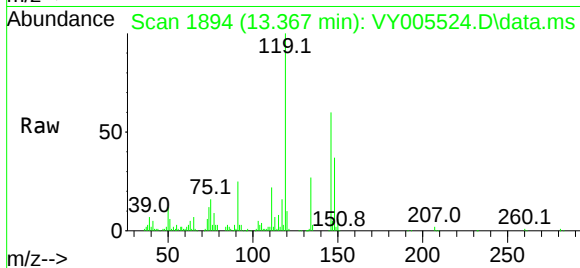


#87

1,3-Dichlorobenzene
Concen: 4.100 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

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

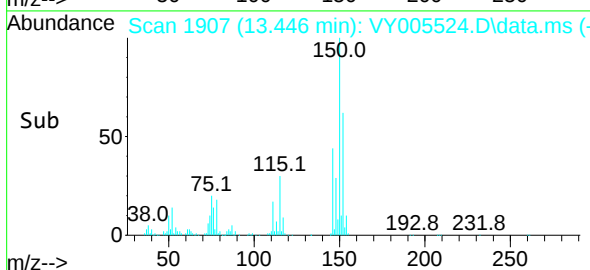
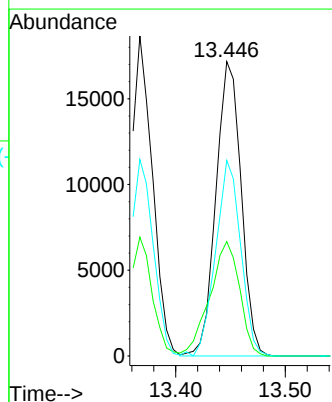
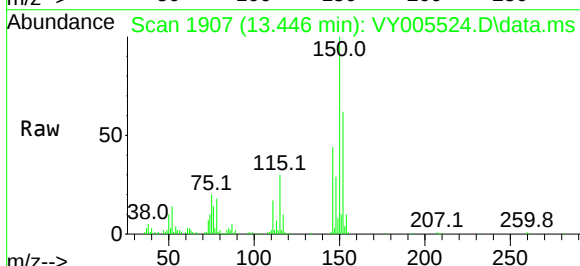
Tgt Ion:	146	Resp:	27216
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.6	56.0
148	64.1	31.7	95.1

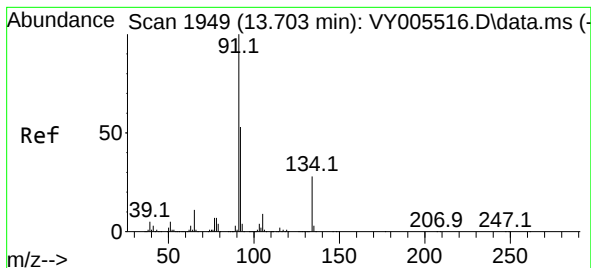


#88

1,4-Dichlorobenzene
Concen: 4.171 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion:	146	Resp:	27468
Ion Ratio	Lower	Upper	
146	100		
111	45.9	18.1	54.3
148	66.1	31.8	95.3





#89

n-Butylbenzene

Concen: 4.058 ug/l

RT: 13.696 min Scan# 1948

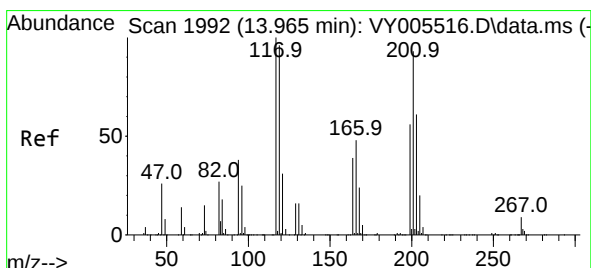
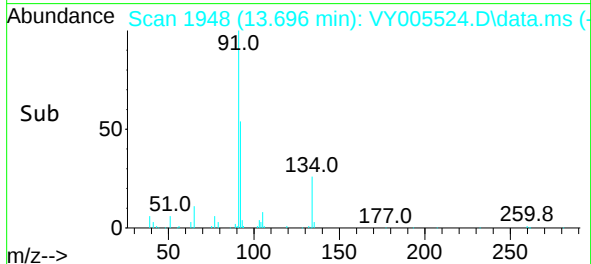
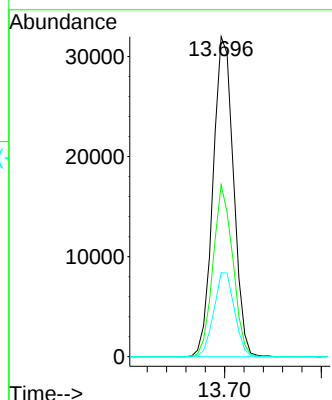
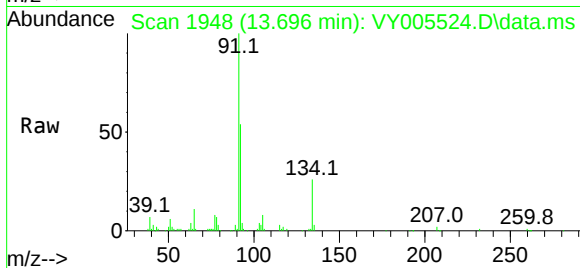
Delta R.T. -0.006 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Tgt Ion: 91	Resp: 46951
Ion Ratio	Lower Upper
91 100	
92 51.6	26.7 80.1
134 26.6	13.8 41.4

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



#90

Hexachloroethane

Concen: 4.181 ug/l

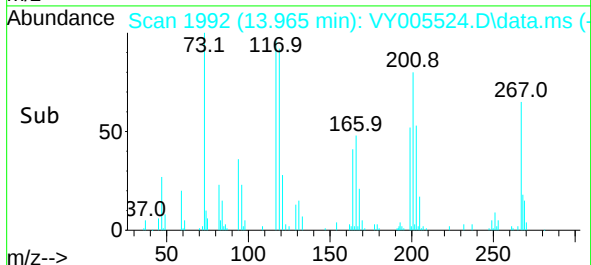
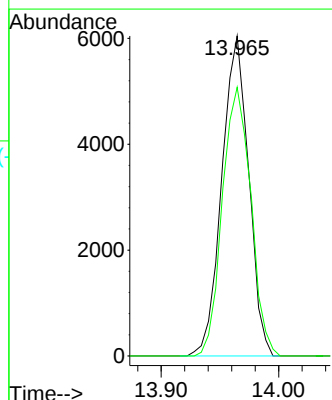
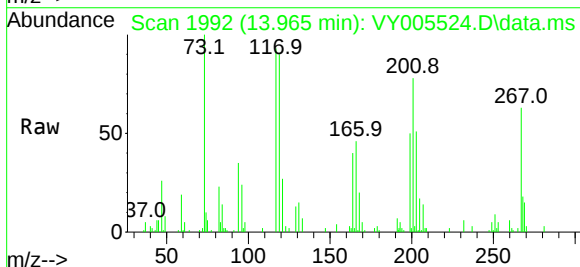
RT: 13.965 min Scan# 1992

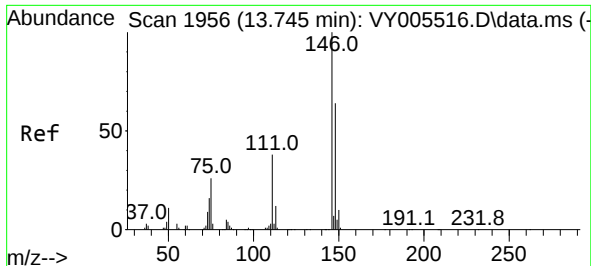
Delta R.T. -0.000 min

Lab File: VY005524.D

Acq: 02 Aug 2021 16:19

Tgt Ion: 117	Resp: 9600
Ion Ratio	Lower Upper
117 100	
201 89.0	46.7 140.1

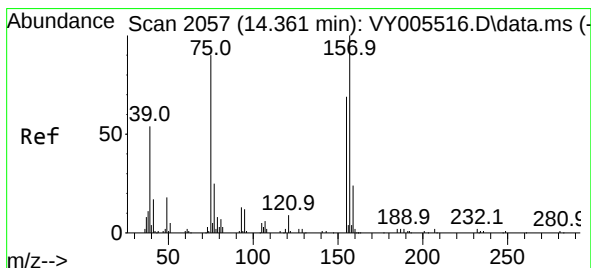
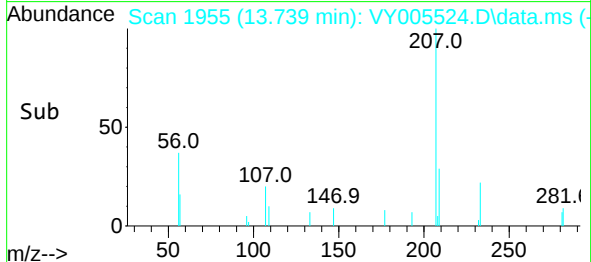
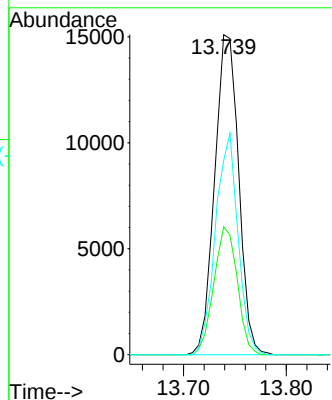
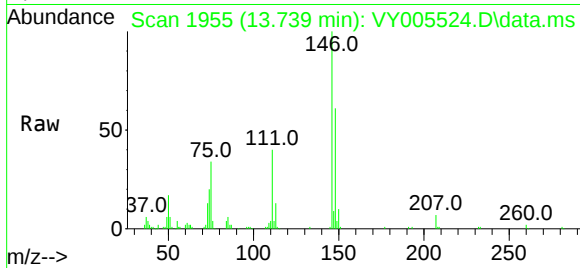




#91
1,2-Dichlorobenzene
Concen: 4.177 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

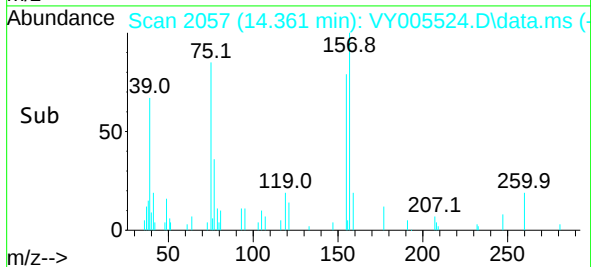
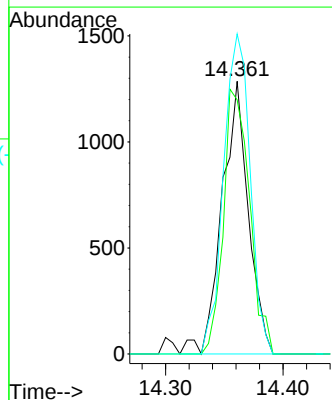
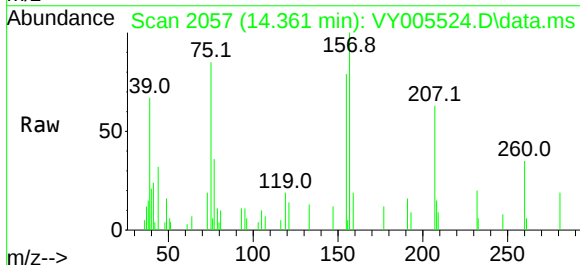
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021

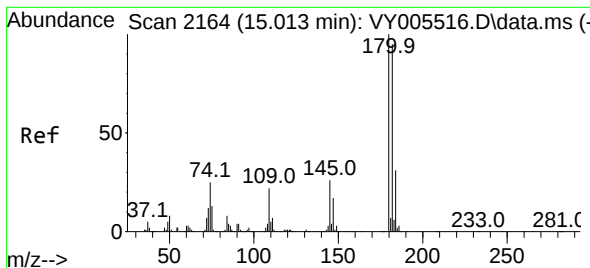
Tgt Ion:	146	Resp:	24494
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	64.8	31.9	95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.975 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

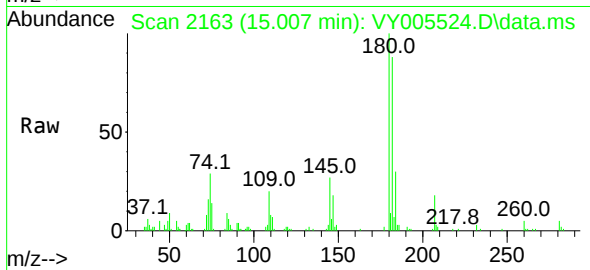
Tgt Ion:	75	Resp:	2007
Ion	Ratio	Lower	Upper
75	100		
155	96.3	42.4	127.1
157	118.5	56.0	168.2



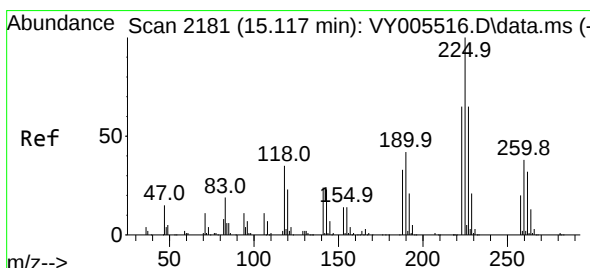
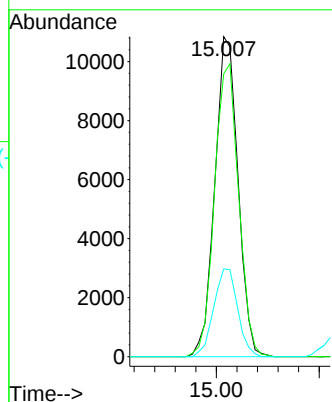
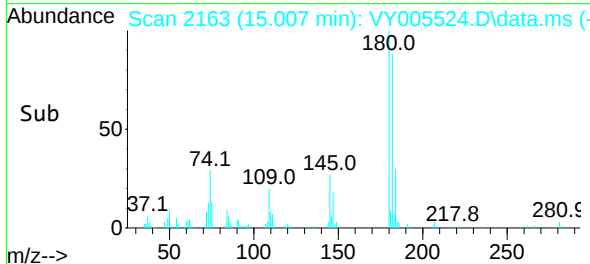


#93
1,2,4-Trichlorobenzene
Concen: 4.217 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

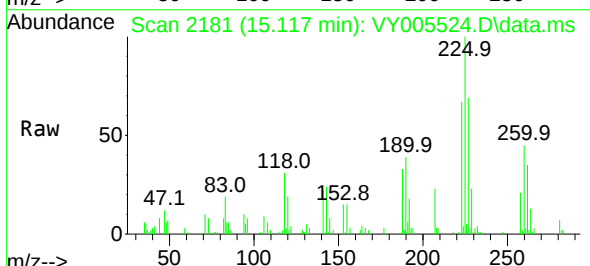
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2021



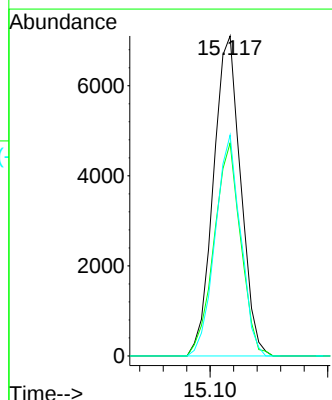
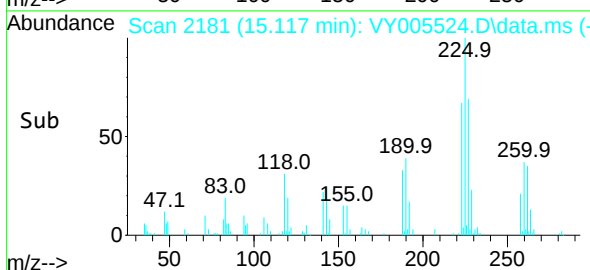
Tgt Ion:180 Resp: 16987
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.4
145 28.3 14.0 42.0

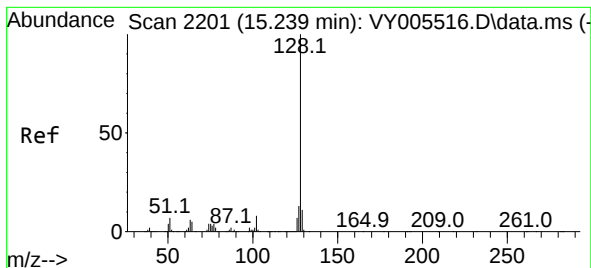


#94
Hexachlorobutadiene
Concen: 4.379 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19



Tgt Ion:225 Resp: 11420
Ion Ratio Lower Upper
225 100
223 65.2 31.4 94.0
227 64.5 32.2 96.6

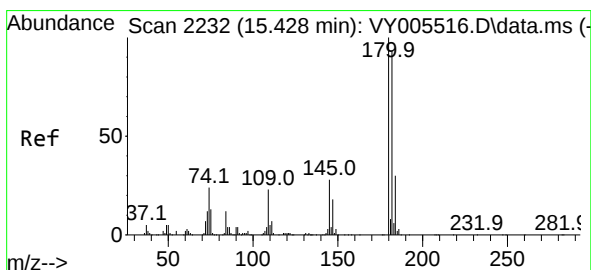
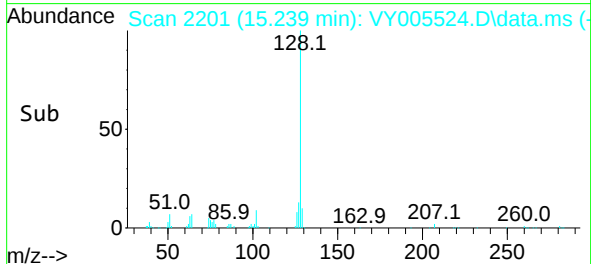
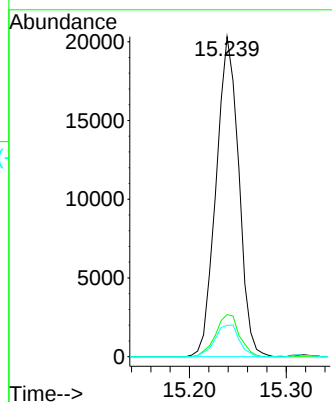
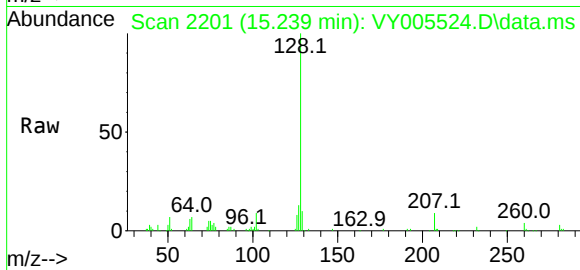




#95
Naphthalene
Concen: 4.159 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

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

Tgt Ion:	128	Resp:	33024
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.6	15.8
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.379 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY005524.D
Acq: 02 Aug 2021 16:19

Tgt Ion:	180	Resp:	15627
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.9	143.6
145	29.3	14.6	44.0

