

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
 Data File : VY006421.D
 Acq On : 19 Oct 2021 12:22
 Operator : SY/MD
 Sample : M4068-03 4PPBMDL
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

Quant Time: Oct 20 04:25:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 20 04:25:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	124649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	180178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94357	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	67291	50.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.880%	
35) Dibromofluoromethane	7.722	113	49517	47.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.260%	
50) Toluene-d8	10.185	98	196427	44.676	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.360%	
62) 4-Bromofluorobenzene	12.483	95	68267	45.706	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.420%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	5794	4.583	ug/l	93
3) Chloromethane	2.113	50	7910	5.371	ug/l	97
4) Vinyl Chloride	2.253	62	8113	4.971	ug/l	97
5) Bromomethane	2.655	94	5620	5.298	ug/l	98
6) Chloroethane	2.802	64	4649	4.841	ug/l	98
7) Trichlorofluoromethane	3.137	101	10410	4.842	ug/l	100
8) Diethyl Ether	3.539	74	3272	4.608	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	5183	4.516	ug/l	97
10) Methyl Iodide	4.100	142	4814	3.849	ug/l	94
11) Tert butyl alcohol	4.960	59	4482	38.406	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	5482	4.696	ug/l	84
13) Acrolein	3.734	56	1505	20.251	ug/l	99
14) Allyl chloride	4.490	41	10394	4.630	ug/l	95
15) Acrylonitrile	5.173	53	9108	24.387	ug/l	98
16) Acetone	3.960	43	9340	25.066	ug/l	94
17) Carbon Disulfide	4.198	76	16997	4.353	ug/l	97
18) Methyl Acetate	4.484	43	7338	5.840	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	15832	4.644	ug/l #	89
20) Methylene Chloride	4.722	84	14949	10.308	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	5840	4.512	ug/l	88
22) Diisopropyl ether	6.130	45	19896	4.479	ug/l	93
23) Vinyl Acetate	6.069	43	55523	20.855	ug/l	97
24) 1,1-Dichloroethane	6.021	63	11251	4.718	ug/l	99
25) 2-Butanone	6.990	43	12887	24.828	ug/l	91
26) 2,2-Dichloropropane	6.990	77	10423	4.780	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	6651	4.588	ug/l	95
28) Bromochloromethane	7.337	49	4298	4.329	ug/l	96
29) Tetrahydrofuran	7.356	42	7896	24.084	ug/l	95
30) Chloroform	7.514	83	11464	4.820	ug/l	96
31) Cyclohexane	7.795	56	12760	5.048	ug/l #	73
32) 1,1,1-Trichloroethane	7.709	97	10692	4.868	ug/l	96
36) 1,1-Dichloropropene	7.923	75	8526	4.358	ug/l	98
37) Ethyl Acetate	7.075	43	5597	4.911	ug/l	98
38) Carbon Tetrachloride	7.898	117	9516	4.606	ug/l	91
39) Methylcyclohexane	9.185	83	9908	4.032	ug/l	93
40) Benzene	8.167	78	24905	4.487	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
 Data File : VY006421.D
 Acq On : 19 Oct 2021 12:22
 Operator : SY/MD
 Sample : M4068-03 4PPBMDL
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

Quant Time: Oct 20 04:25:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 20 04:25:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	3399	4.598	ug/l #	35
42) 1,2-Dichloroethane	8.240	62	8865	4.957	ug/l	98
43) Isopropyl Acetate	8.276	43	10239	4.684	ug/l	96
44) Trichloroethene	8.947	130	6692	4.668	ug/l	89
45) 1,2-Dichloropropane	9.221	63	5974	4.372	ug/l	97
46) Dibromomethane	9.307	93	3287	4.518	ug/l	93
47) Bromodichloromethane	9.502	83	8471	4.522	ug/l	98
48) Methyl methacrylate	9.294	41	4744	4.524	ug/l	95
49) 1,4-Dioxane	9.307	88	846	89.118	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	26518	23.363	ug/l	98
52) Toluene	10.245	92	15607	4.533	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	9036	4.424	ug/l	96
54) cis-1,3-Dichloropropene	9.928	75	9752	4.343	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	4606	4.499	ug/l	92
56) Ethyl methacrylate	10.514	69	6624	4.257	ug/l	94
57) 1,3-Dichloropropane	10.794	76	8335	4.499	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.788	63	17591	23.071	ug/l	94
59) 2-Hexanone	10.837	43	18745	23.188	ug/l	100
60) Dibromochloromethane	10.989	129	6078	4.886	ug/l	91
61) 1,2-Dibromoethane	11.093	107	4389	4.528	ug/l	100
64) Tetrachloroethene	10.721	164	7706	5.311	ug/l	90
65) Chlorobenzene	11.520	112	16168	4.529	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	5989	4.552	ug/l	98
67) Ethyl Benzene	11.593	91	28209	4.192	ug/l	98
68) m/p-Xylenes	11.703	106	21898	8.575	ug/l	97
69) o-Xylene	12.032	106	10333	4.284	ug/l	97
70) Styrene	12.044	104	17774	4.340	ug/l	98
71) Bromoform	12.209	173	3979	4.863	ug/l #	98
73) Isopropylbenzene	12.330	105	27554	4.077	ug/l	100
74) N-amyl acetate	12.141	43	8800	4.195	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	5022	4.114	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	7861	8.572	ug/l #	100
77) Bromobenzene	12.611	156	6747	4.258	ug/l	97
78) n-propylbenzene	12.672	91	33493	4.026	ug/l	99
79) 2-Chlorotoluene	12.757	91	19475	4.230	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	22793	4.033	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	2149	4.605	ug/l	90
82) 4-Chlorotoluene	12.855	91	19589	4.114	ug/l	99
83) tert-Butylbenzene	13.074	119	19496	4.035	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	22604	4.050	ug/l	99
85) sec-Butylbenzene	13.251	105	29598	4.053	ug/l	99
86) p-Isopropyltoluene	13.373	119	24053	3.904	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	13430	4.277	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	13844	4.472	ug/l	94
89) n-Butylbenzene	13.696	91	23479	4.010	ug/l	100
90) Hexachloroethane	13.958	117	4779	4.271	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	11862	4.321	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1112	4.782	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	7659	4.222	ug/l	100
94) Hexachlorobutadiene	15.117	225	5320	4.495	ug/l	97
95) Naphthalene	15.238	128	13770	3.820	ug/l	98
96) 1,2,3-Trichlorobenzene	15.427	180	6769	4.210	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
Data File : VY006421.D
Acq On : 19 Oct 2021 12:22
Operator : SY/MD
Sample : M4068-03 4PPBMDL
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

Quant Time: Oct 20 04:25:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 20 04:25:08 2021
Response via : Initial Calibration

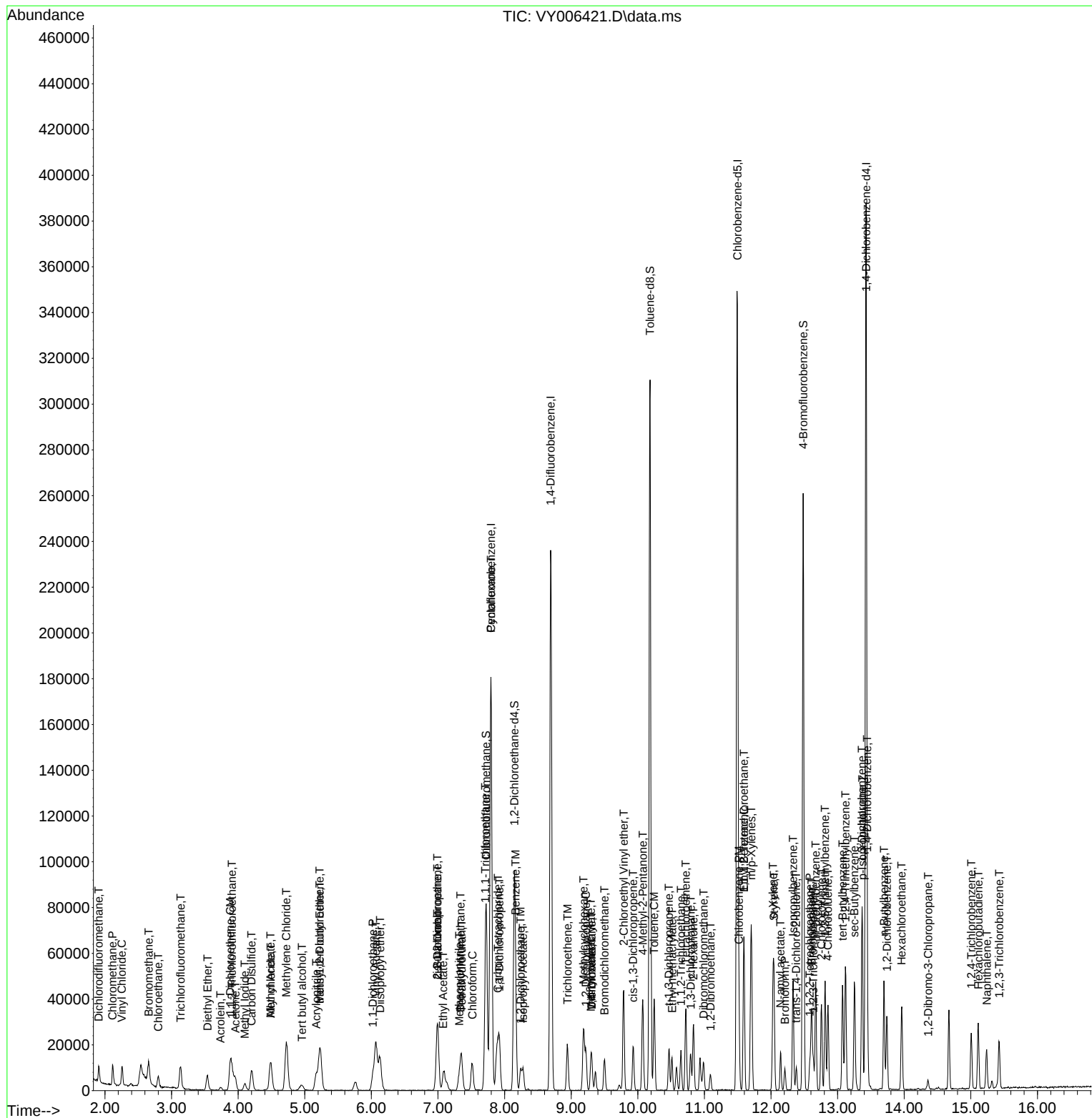
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

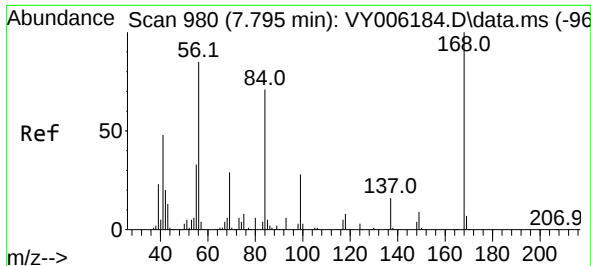
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
 Data File : VY006421.D
 Acq On : 19 Oct 2021 12:22
 Operator : SY/MD
 Sample : M4068-03 4PPBMDL
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

Quant Time: Oct 20 04:25:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 20 04:25:08 2021
 Response via : Initial Calibration

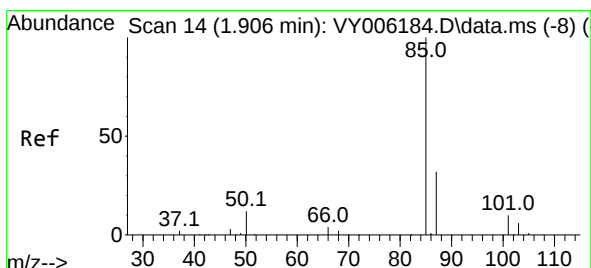
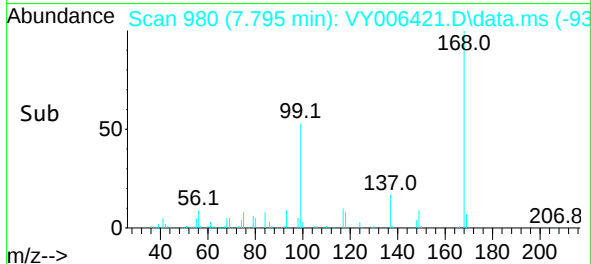
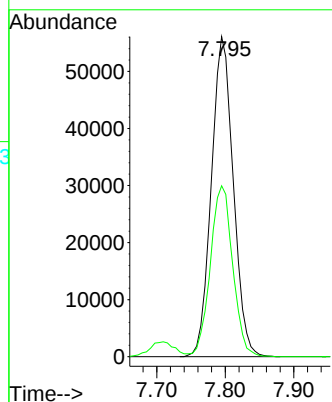
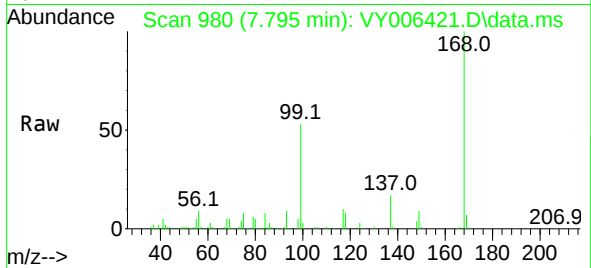




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

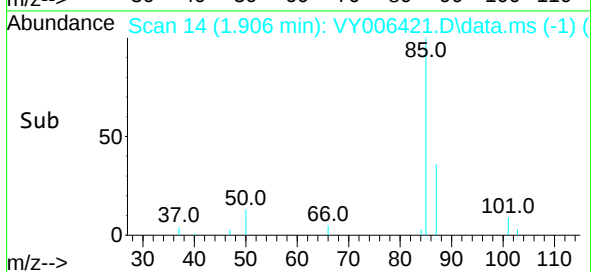
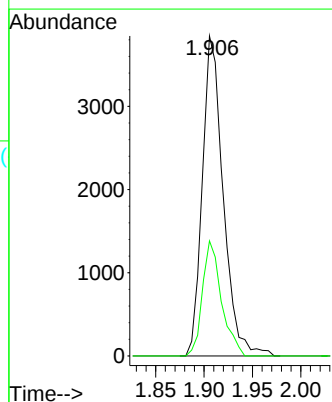
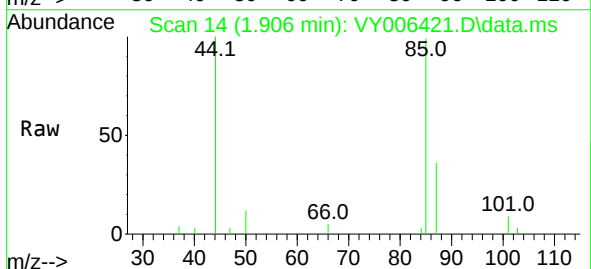
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

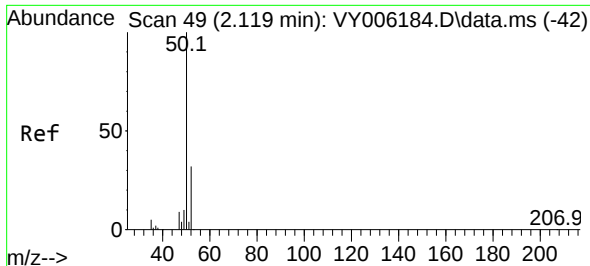
Tgt Ion:168 Resp: 124649
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 4.583 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 85 Resp: 5794
Ion Ratio Lower Upper
85 100
87 36.0 16.1 48.2

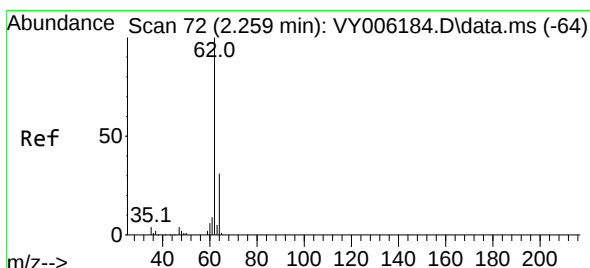
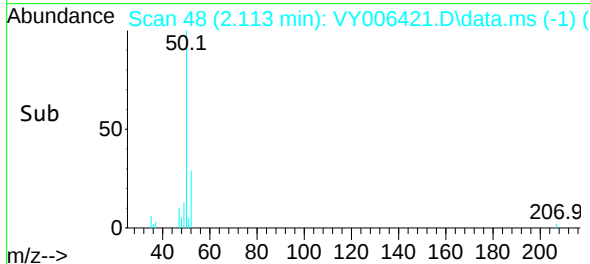
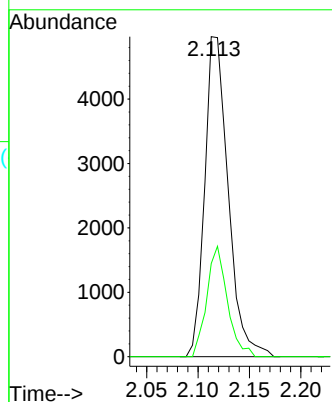
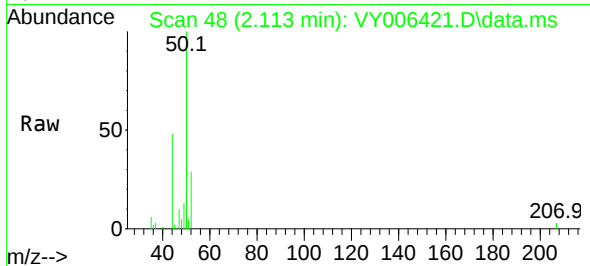




#3
Chloromethane
Concen: 5.371 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

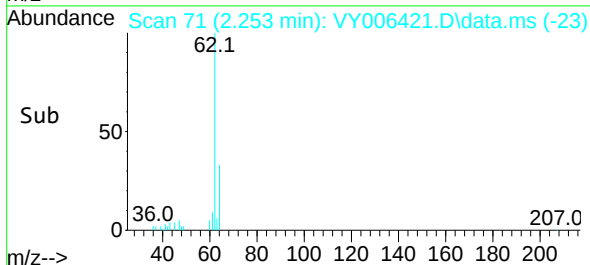
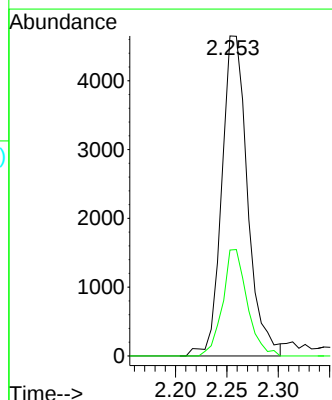
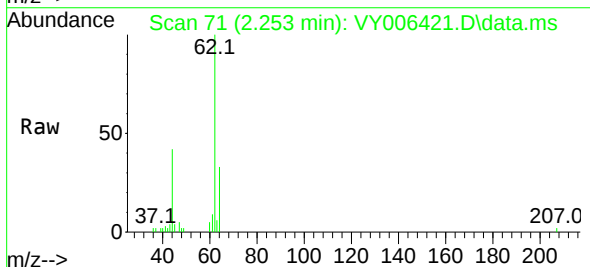
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

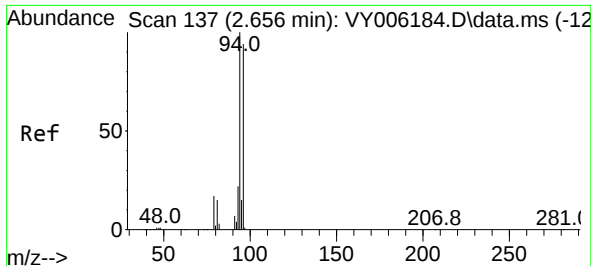
Tgt Ion: 50 Resp: 7910
Ion Ratio Lower Upper
50 100
52 29.1 24.6 37.0



#4
Vinyl Chloride
Concen: 4.971 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

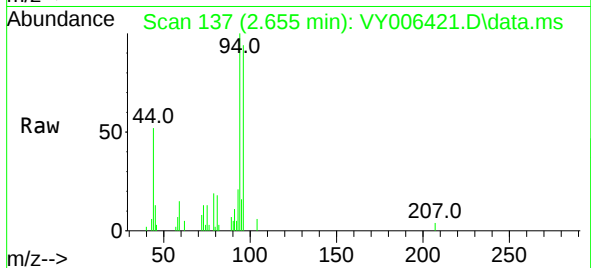
Tgt Ion: 62 Resp: 8113
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.6



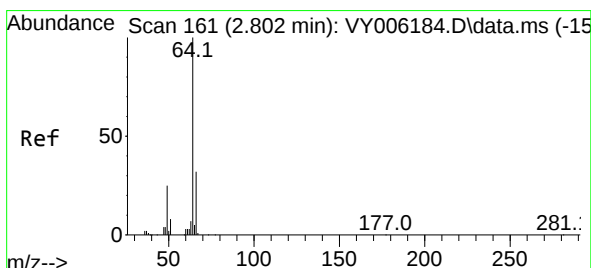
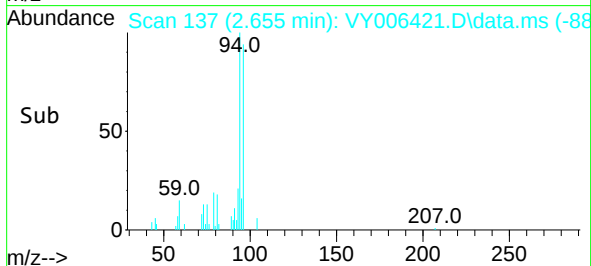
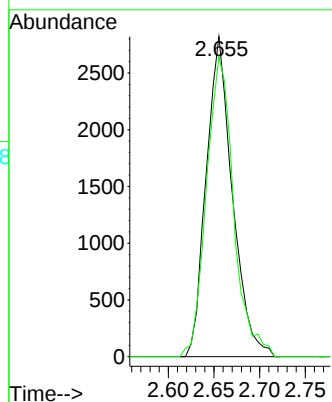


#5
Bromomethane
Concen: 5.298 ug/l
RT: 2.655 min Scan# 137
Delta R.T. -0.001 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

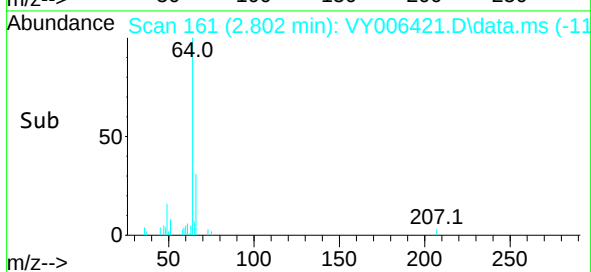
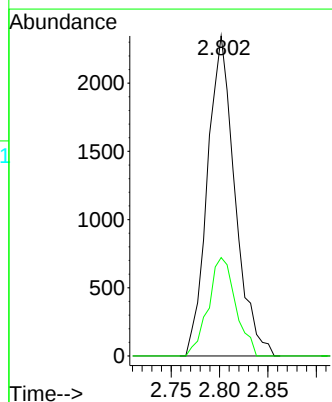
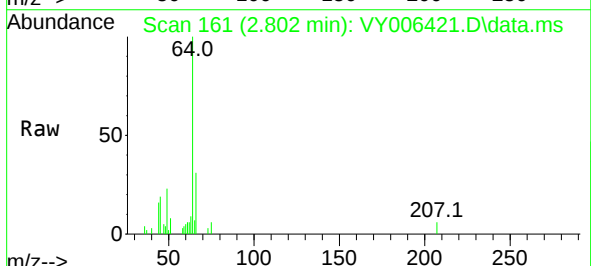


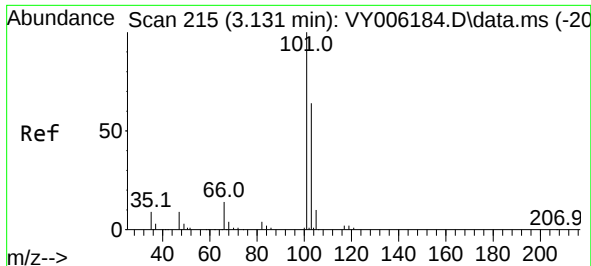
Tgt Ion: 94 Resp: 5620
Ion Ratio Lower Upper
94 100
96 93.7 73.5 110.3



#6
Chloroethane
Concen: 4.841 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 64 Resp: 4649
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.0

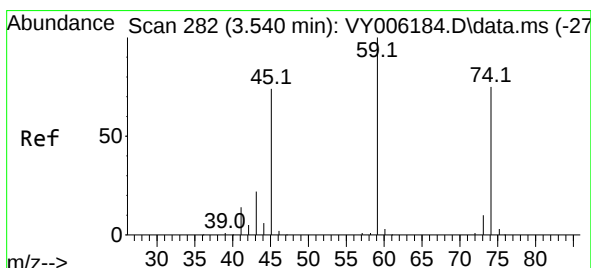
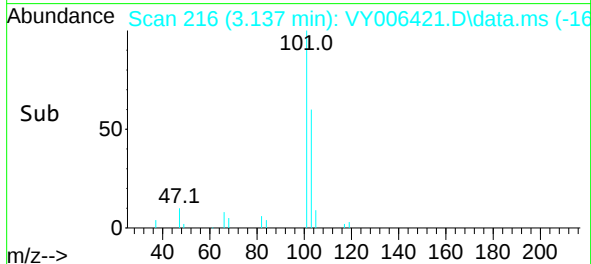
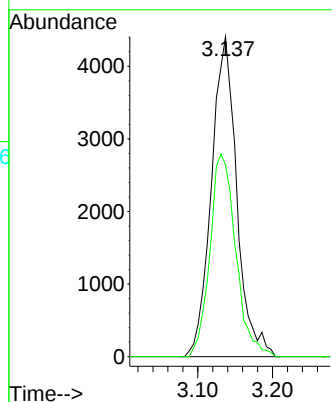
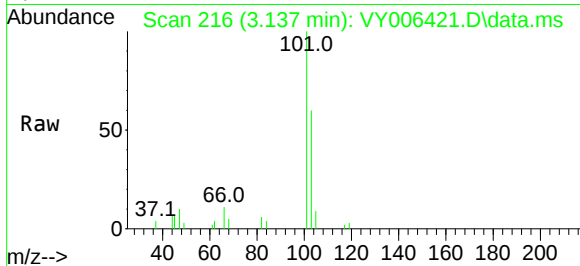




#7
Trichlorofluoromethane
Concen: 4.842 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

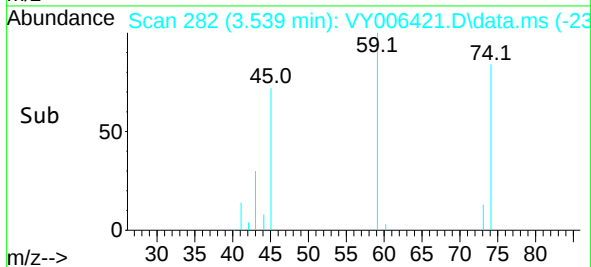
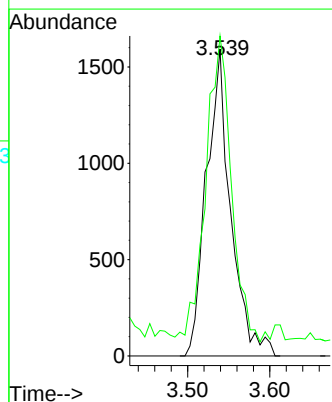
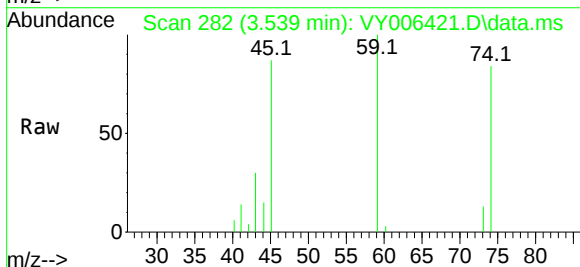
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

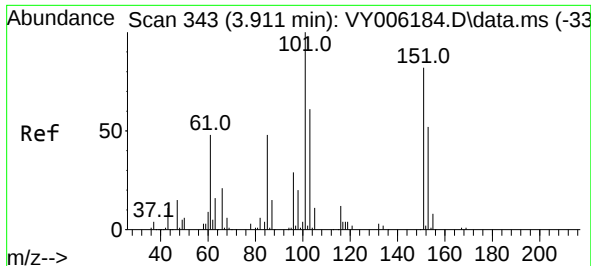
Tgt Ion:101 Resp: 10410
Ion Ratio Lower Upper
101 100
103 59.9 48.0 72.0



#8
Diethyl Ether
Concen: 4.608 ug/l
RT: 3.539 min Scan# 282
Delta R.T. -0.001 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 74 Resp: 3272
Ion Ratio Lower Upper
74 100
45 104.8 55.1 165.5

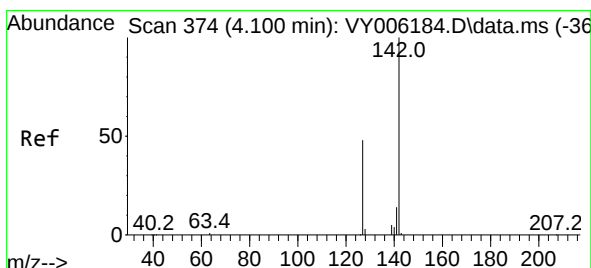
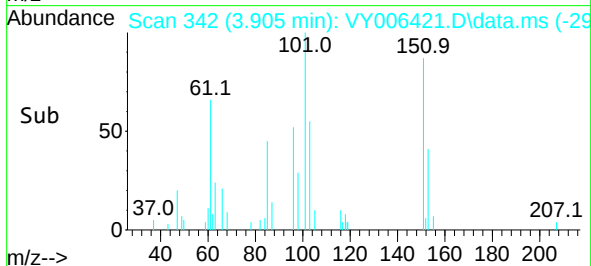
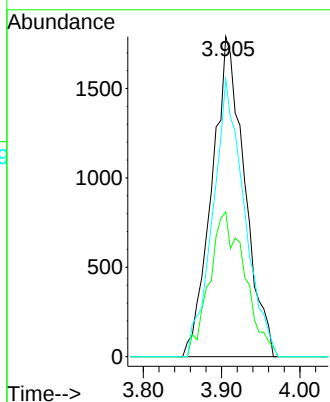
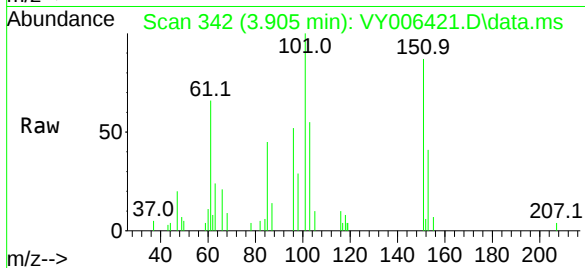




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.516 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

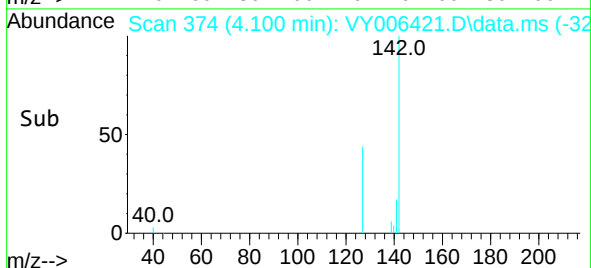
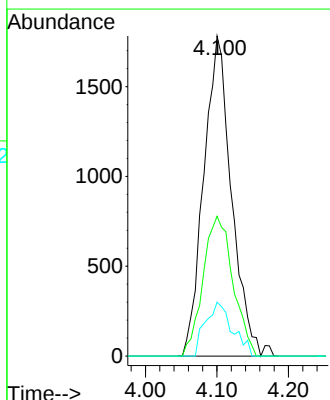
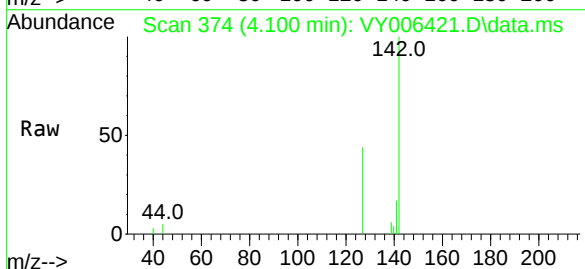
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

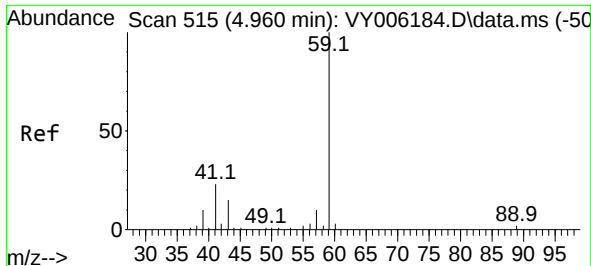
Tgt Ion:	101	Resp:	5183
Ion	Ratio	Lower	Upper
101	100		
85	48.8	40.6	60.8
151	83.6	64.9	97.3



#10
Methyl Iodide
Concen: 3.849 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

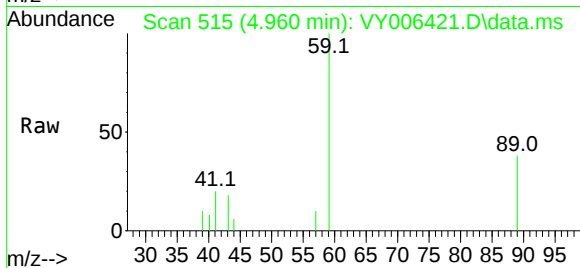
Tgt Ion:	142	Resp:	4814
Ion	Ratio	Lower	Upper
142	100		
127	47.0	41.5	62.3
141	16.2	11.9	17.9



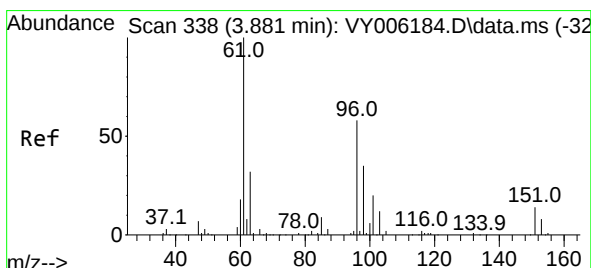
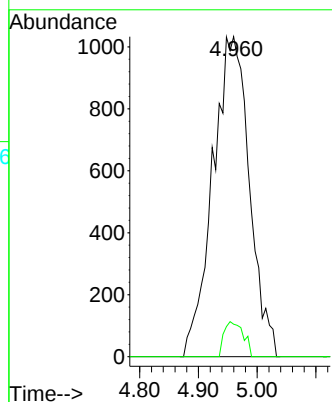
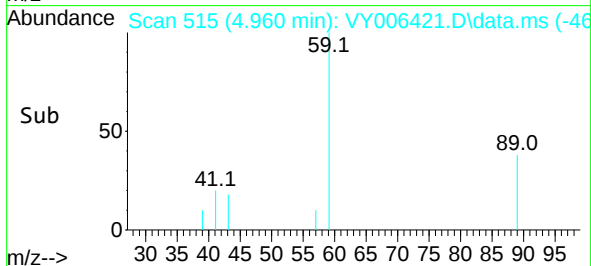


#11
Tert butyl alcohol
Concen: 38.406 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

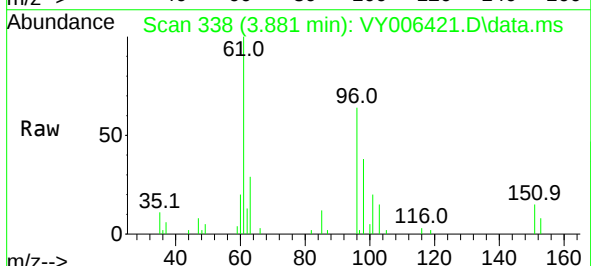
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021



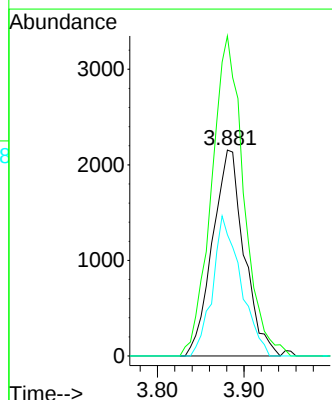
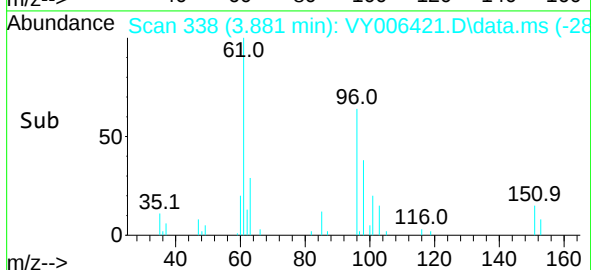
Tgt Ion: 59 Resp: 4482
Ion Ratio Lower Upper
59 100
57 5.7 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 4.696 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



Tgt Ion: 96 Resp: 5482
Ion Ratio Lower Upper
96 100
61 155.4 145.8 218.6
98 58.9 52.5 78.7

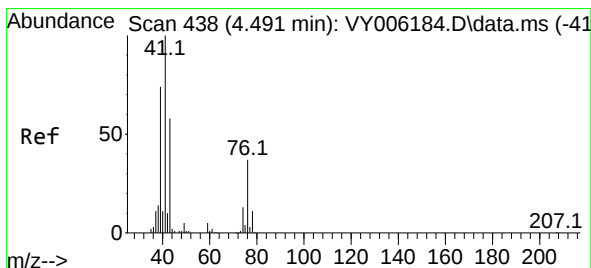
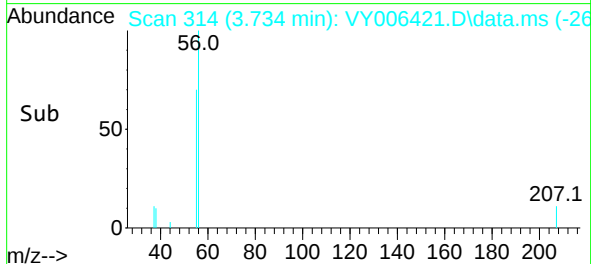
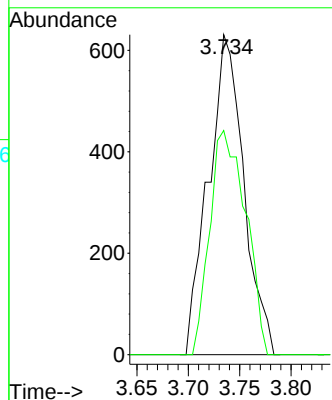
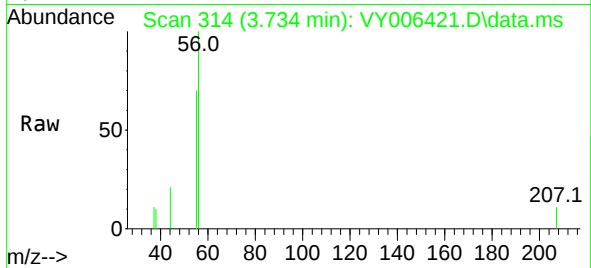




#13
Acrolein
Concen: 20.251 ug/l
RT: 3.734 min Scan# 314
Delta R.T. -0.001 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

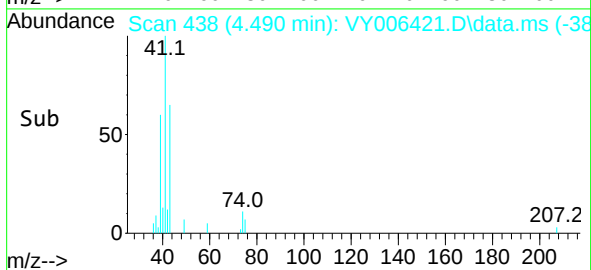
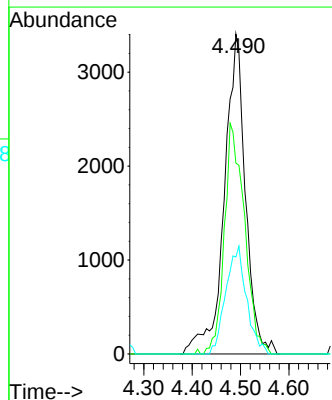
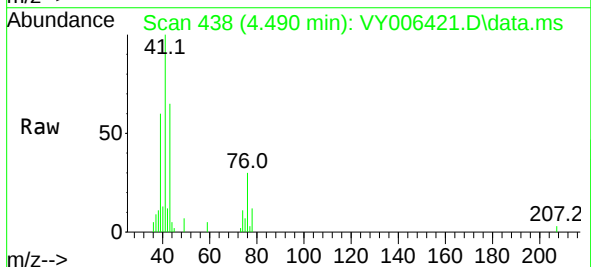
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

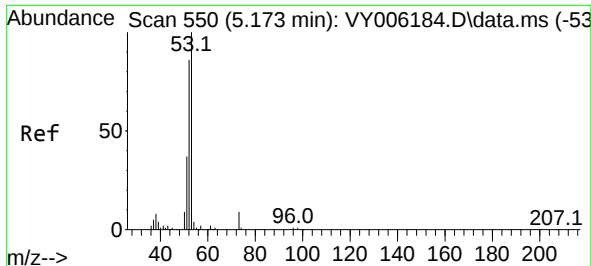
Tgt Ion: 56 Resp: 1505
Ion Ratio Lower Upper
56 100
55 71.5 57.6 86.4



#14
Allyl chloride
Concen: 4.630 ug/l
RT: 4.490 min Scan# 438
Delta R.T. -0.001 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 41 Resp: 10394
Ion Ratio Lower Upper
41 100
39 68.5 58.8 88.2
76 32.9 25.1 37.7

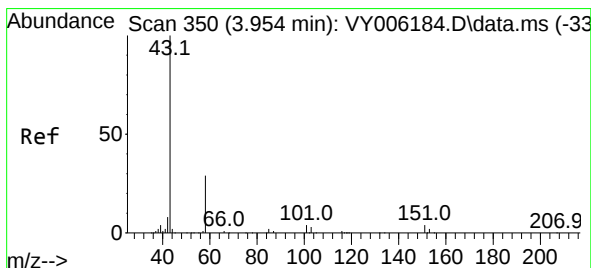
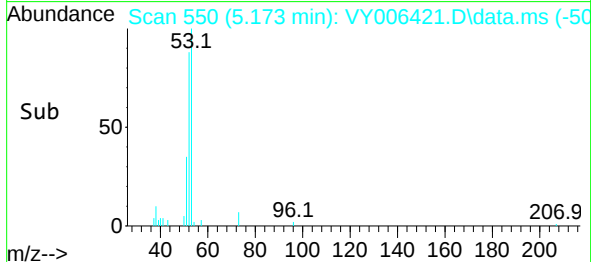
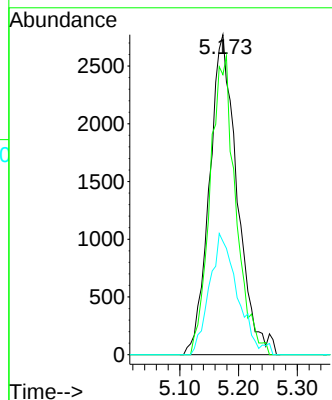
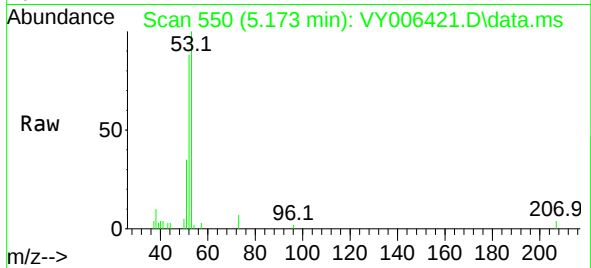




#15
Acrylonitrile
Concen: 24.387 ug/l
RT: 5.173 min Scan# 550
Delta R.T. 0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

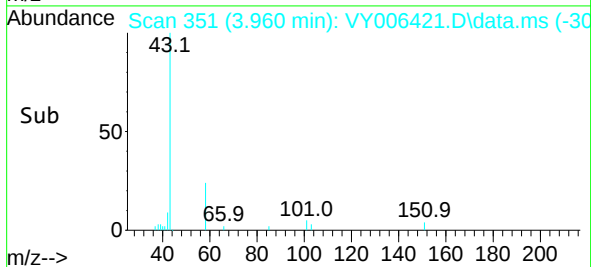
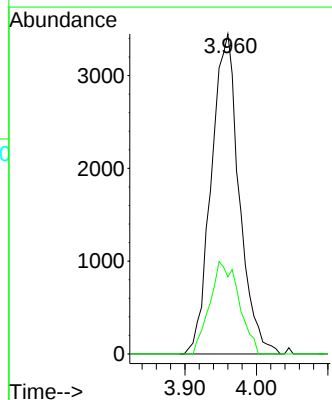
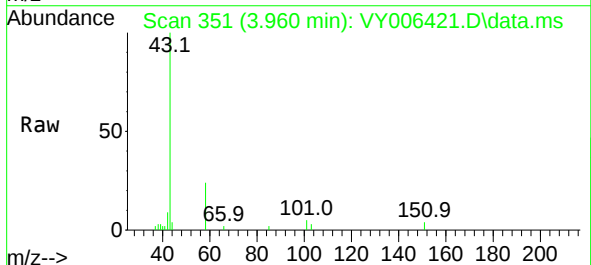
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

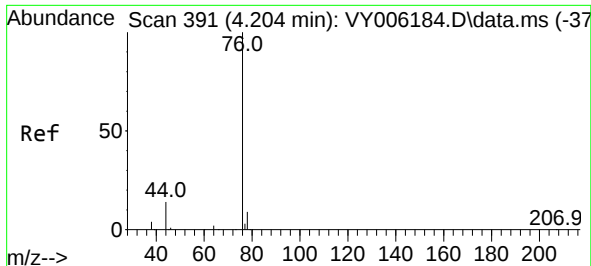
Tgt Ion: 53	Resp: 9108
Ion Ratio	Lower Upper
53 100	
52 86.2	67.0 100.4
51 37.2	29.8 44.6



#16
Acetone
Concen: 25.066 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 43	Resp: 9340
Ion Ratio	Lower Upper
43 100	
58 24.1	22.0 33.0

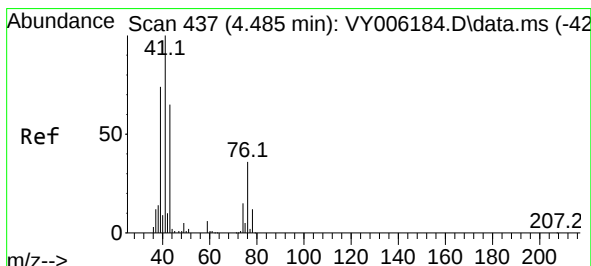
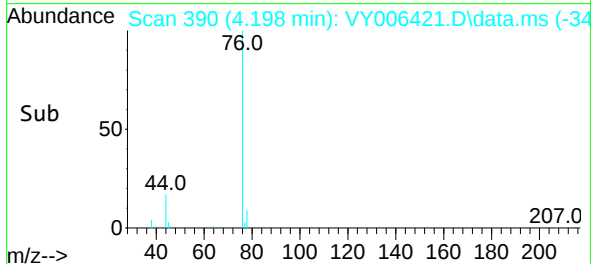
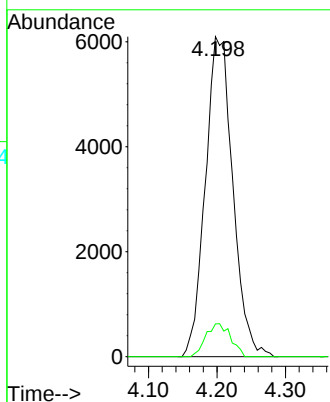
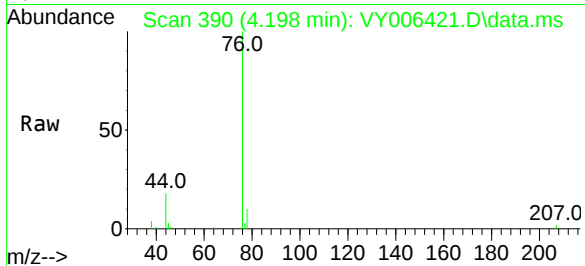




#17
Carbon Disulfide
Concen: 4.353 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

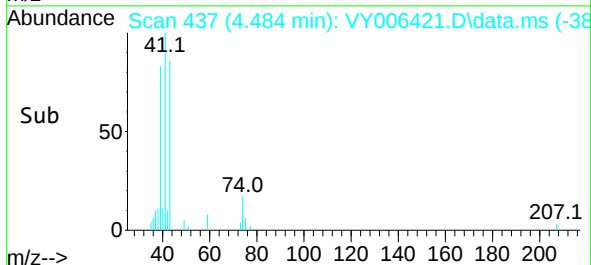
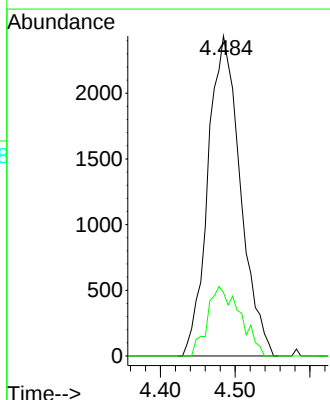
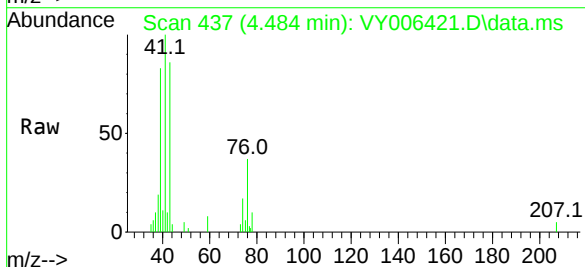
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

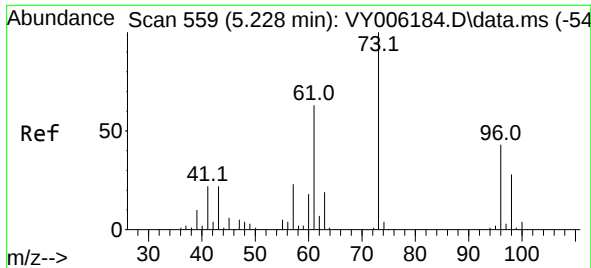
Tgt Ion: 76 Resp: 16997
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#18
Methyl Acetate
Concen: 5.840 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.001 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 43 Resp: 7338
Ion Ratio Lower Upper
43 100
74 21.9 16.6 24.8

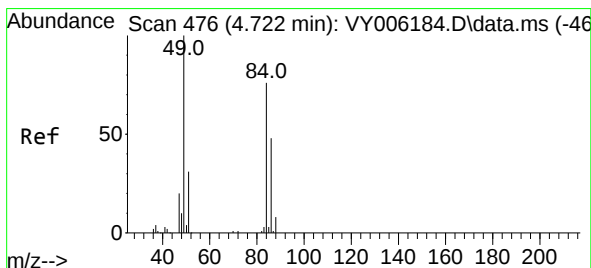
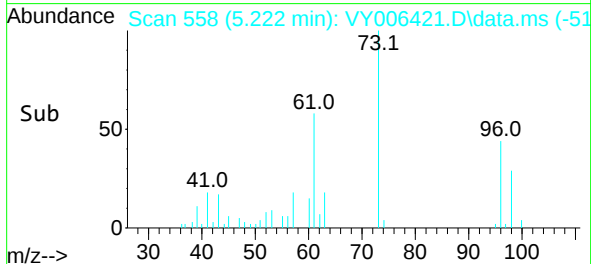
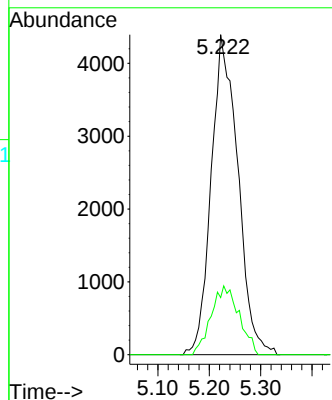
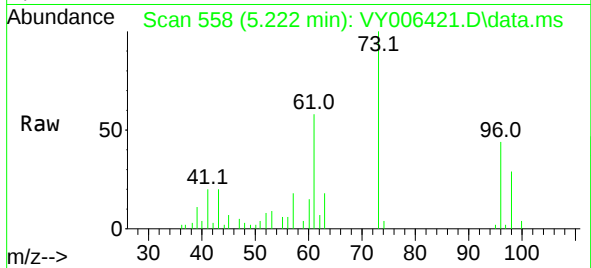




#19
Methyl tert-butyl Ether
Concen: 4.644 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

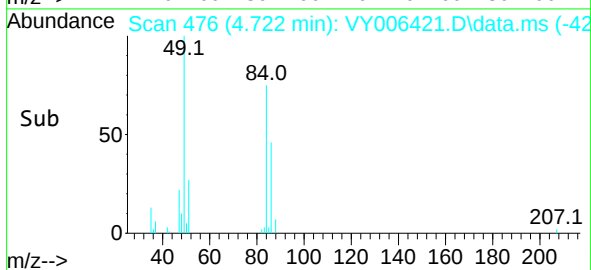
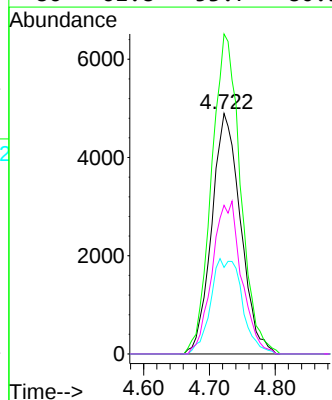
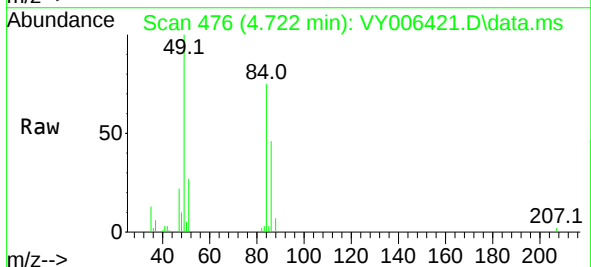
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

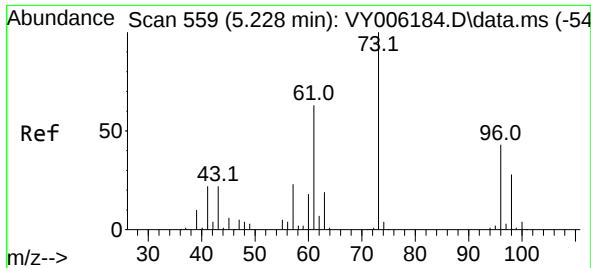
Tgt Ion: 73 Resp: 15832
Ion Ratio Lower Upper
73 100
57 17.9 18.6 27.8#



#20
Methylene Chloride
Concen: 10.308 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 84 Resp: 14949
Ion Ratio Lower Upper
84 100
49 133.0 114.4 171.6
51 36.0 35.3 52.9
86 61.8 53.7 80.5

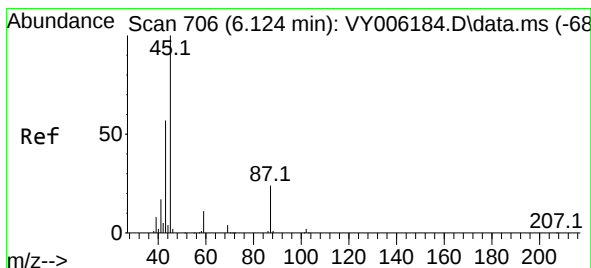
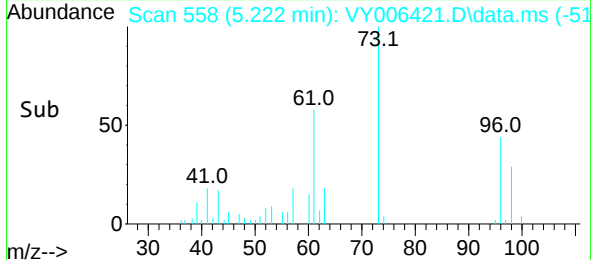
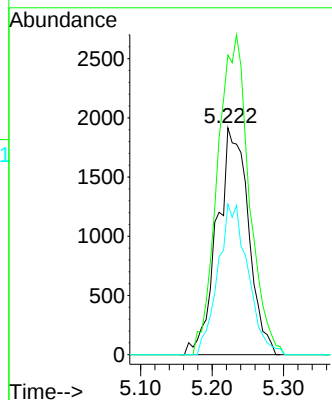
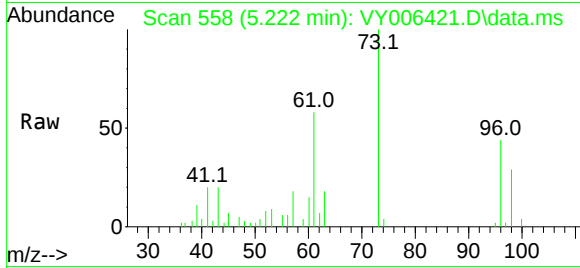




#21
trans-1,2-Dichloroethene
Concen: 4.512 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

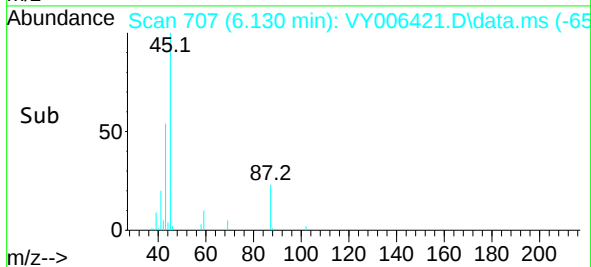
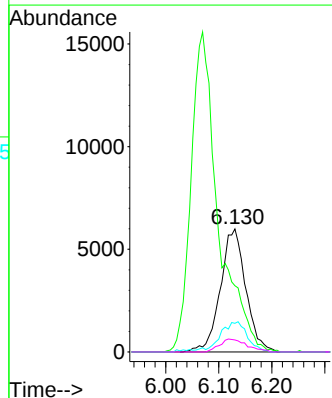
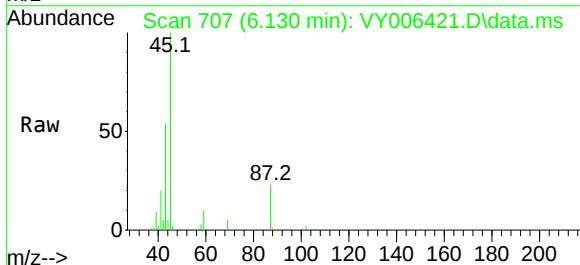
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

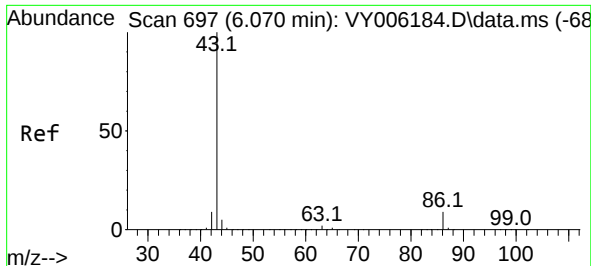
Tgt Ion: 96 Resp: 5840
Ion Ratio Lower Upper
96 100
61 132.0 120.5 180.7
98 66.4 49.8 74.8



#22
Diisopropyl ether
Concen: 4.479 ug/l
RT: 6.130 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 45 Resp: 19896
Ion Ratio Lower Upper
45 100
43 53.9 49.3 73.9
87 23.2 19.2 28.8
59 9.7 8.4 12.6

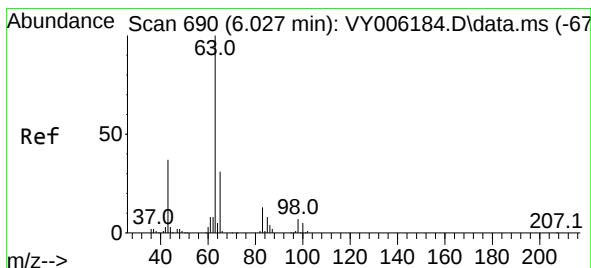
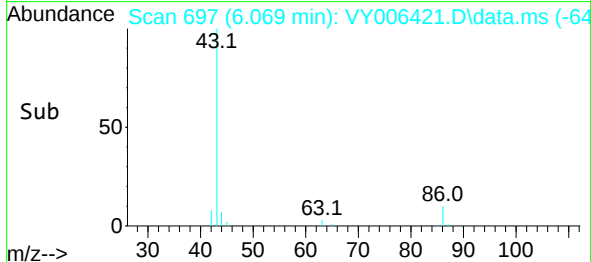
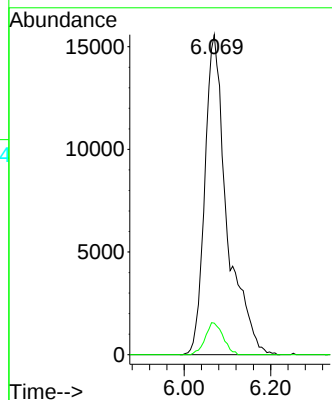
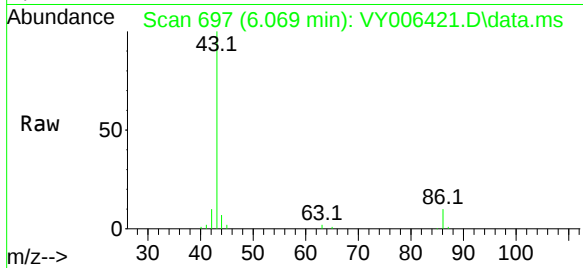




#23
 Vinyl Acetate
 Concen: 20.855 ug/l
 RT: 6.069 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY006421.D
 Acq: 19 Oct 2021 12:22

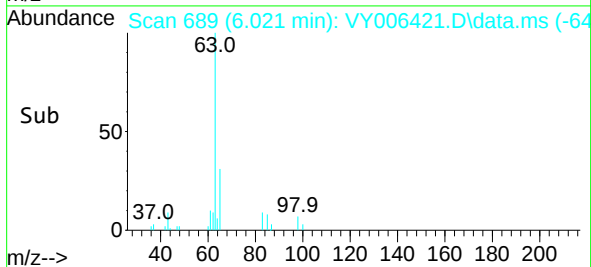
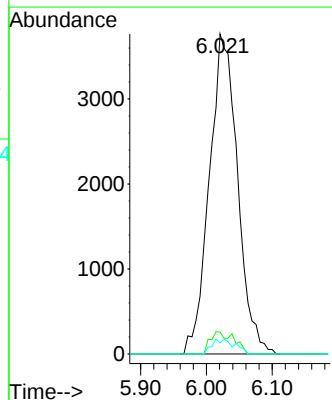
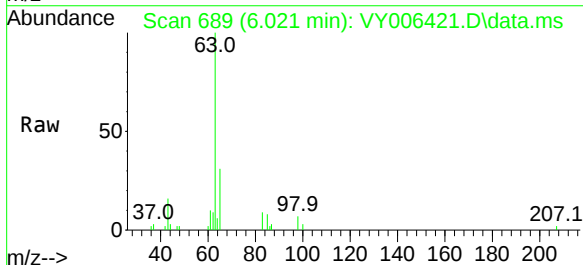
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

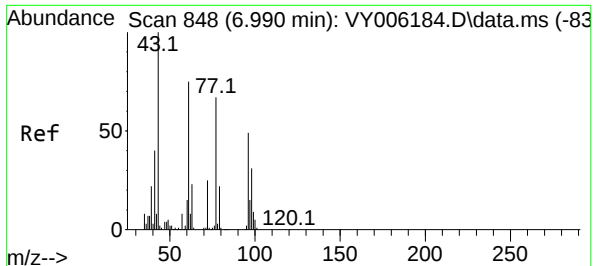
Tgt Ion: 43 Resp: 55523
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 4.718 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY006421.D
 Acq: 19 Oct 2021 12:22

Tgt Ion: 63 Resp: 11251
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 3.5 2.0 5.8





#25

2-Butanone

Concen: 24.828 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

Tgt Ion: 43 Resp: 12887

Ion Ratio Lower Upper

43 100

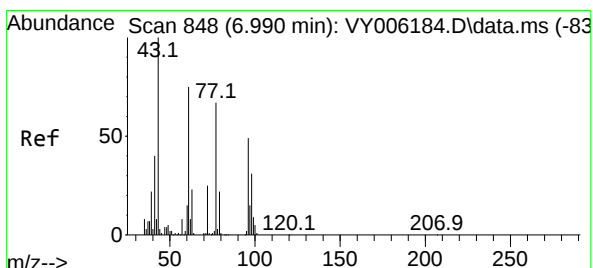
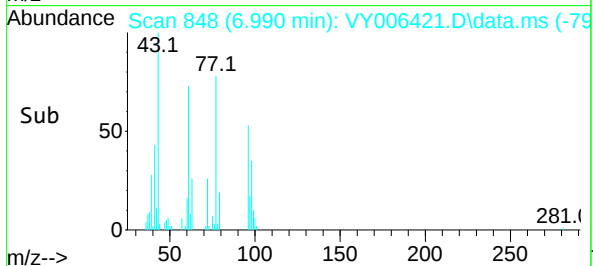
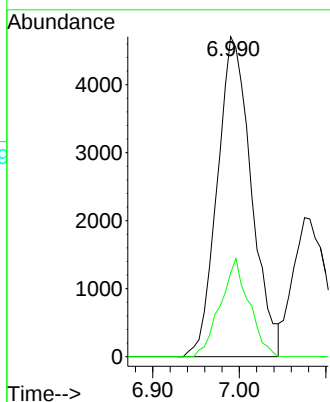
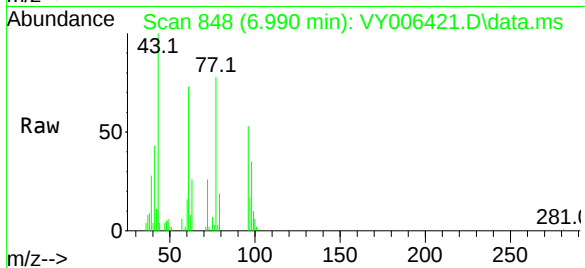
72 26.2 17.7 26.5

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2021



#26

2,2-Dichloropropane

Concen: 4.780 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY006421.D

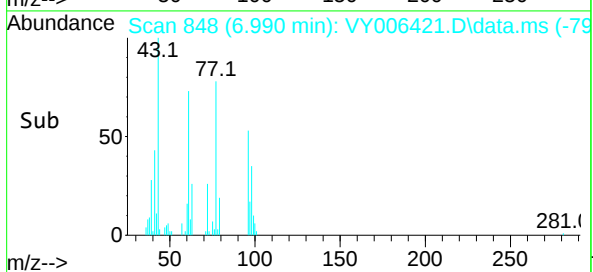
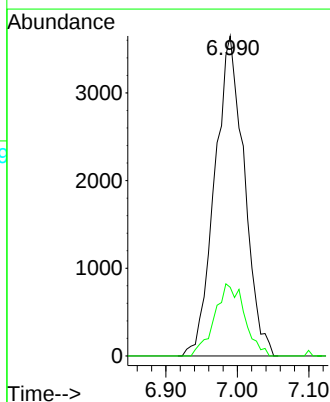
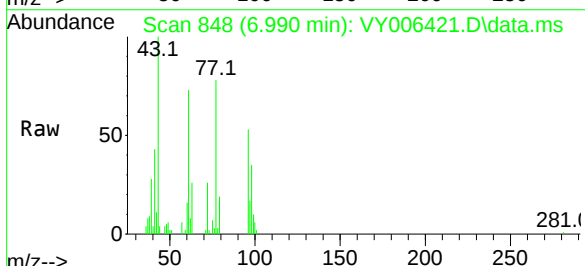
Acq: 19 Oct 2021 12:22

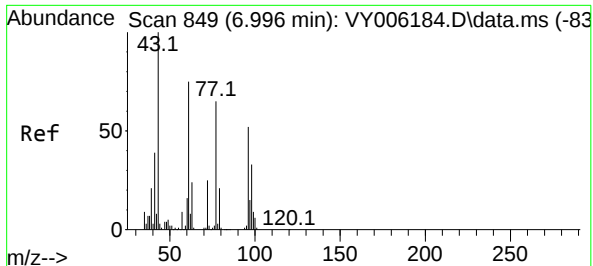
Tgt Ion: 77 Resp: 10423

Ion Ratio Lower Upper

77 100

97 23.0 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 4.588 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

Tgt Ion: 96 Resp: 6651

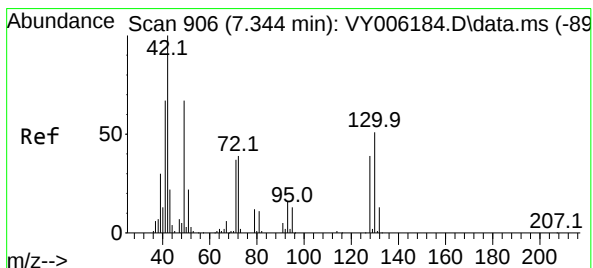
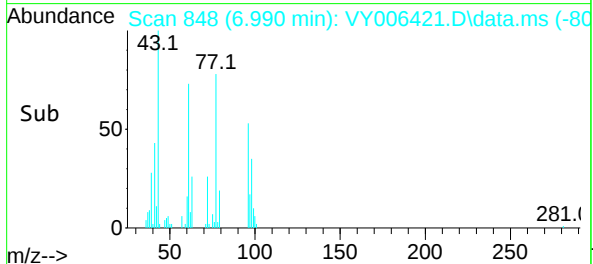
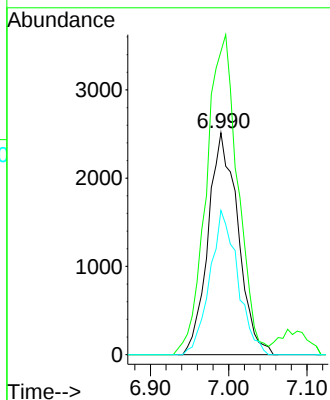
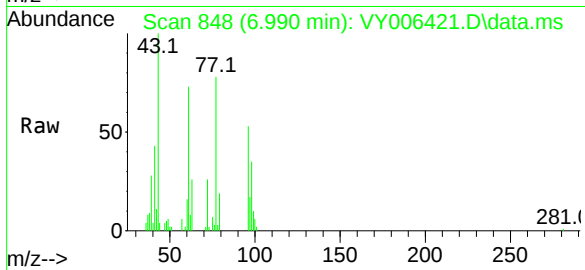
Ion	Ratio	Lower	Upper
96	100		
61	152.5	0.0	319.8
98	60.8	0.0	127.0

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2021



#28

Bromochloromethane

Concen: 4.329 ug/l

RT: 7.337 min Scan# 905

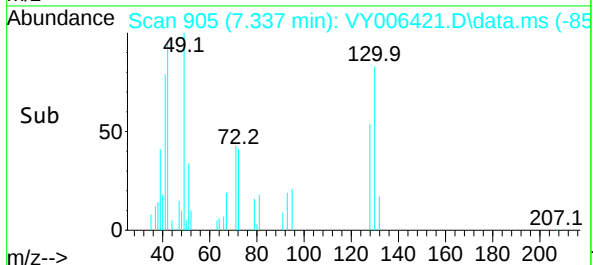
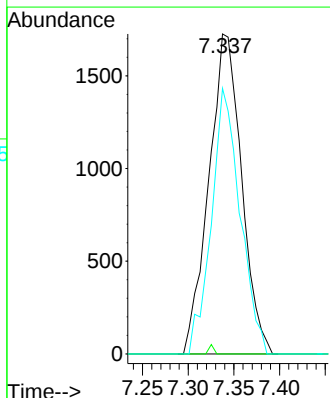
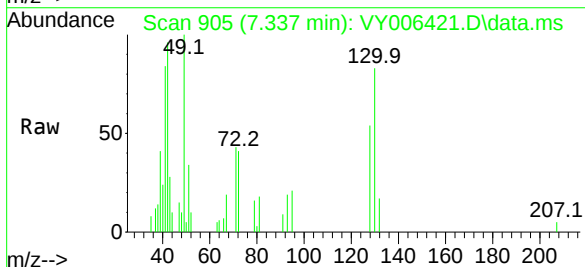
Delta R.T. -0.006 min

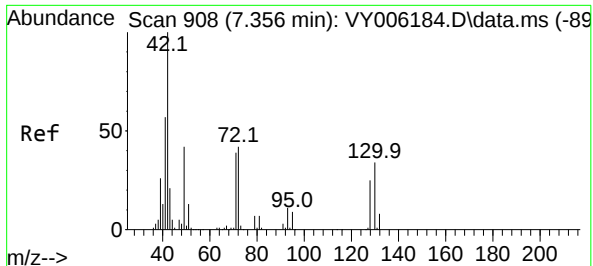
Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

Tgt Ion: 49 Resp: 4298

Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	2.2
130	72.6	55.4	83.0





#29

Tetrahydrofuran

Concen: 24.084 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

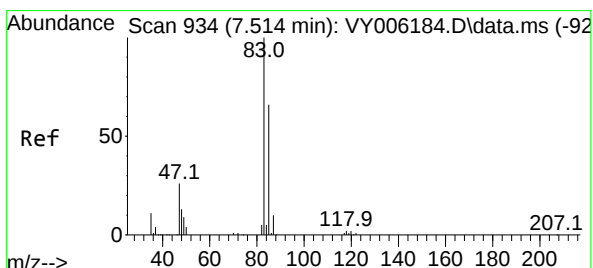
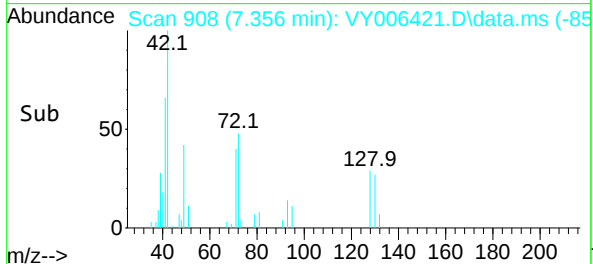
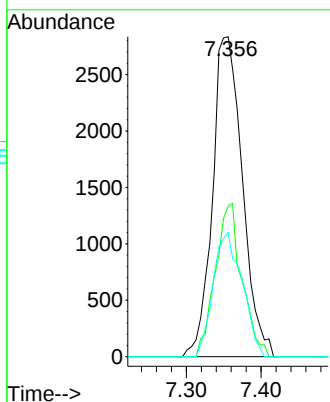
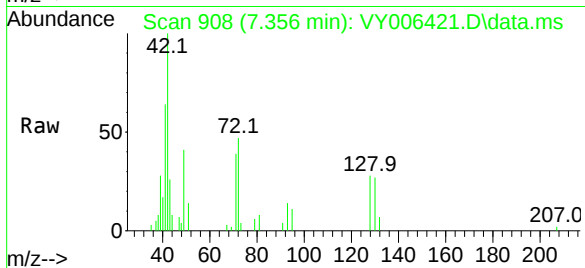
Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2021

Tgt Ion:	42	Resp:	7896
Ion	Ratio	Lower	Upper
42	100		
72	42.6	30.3	45.5
71	37.8	29.0	43.4



#30

Chloroform

Concen: 4.820 ug/l

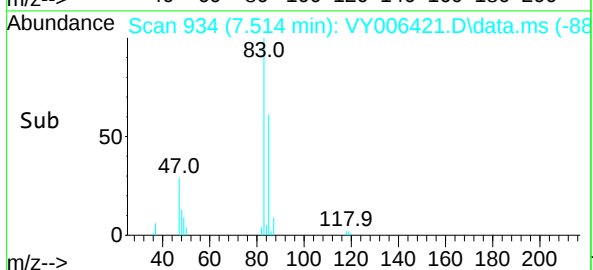
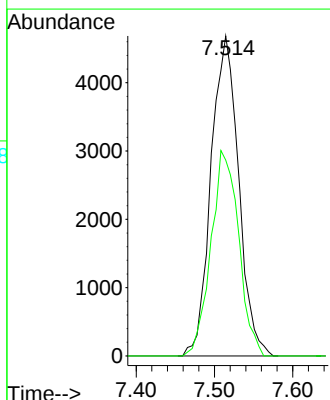
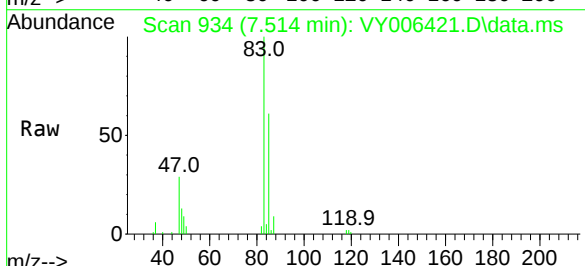
RT: 7.514 min Scan# 934

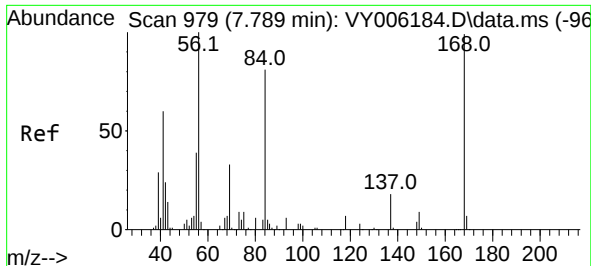
Delta R.T. -0.000 min

Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

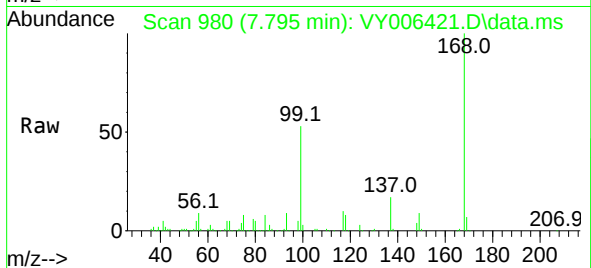
Tgt Ion:	83	Resp:	11464
Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.8	77.6



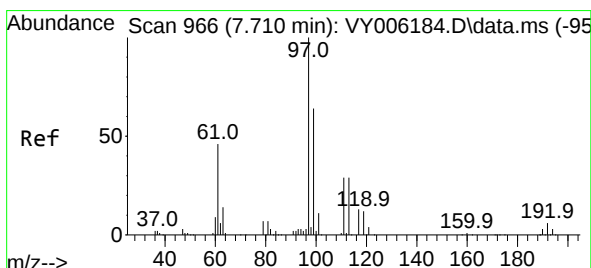
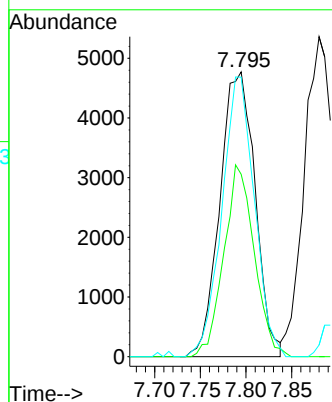
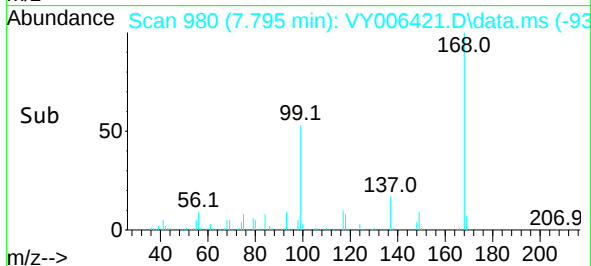


#31
Cyclohexane
Concen: 5.048 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

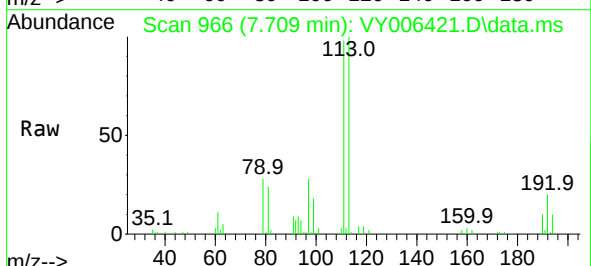
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021



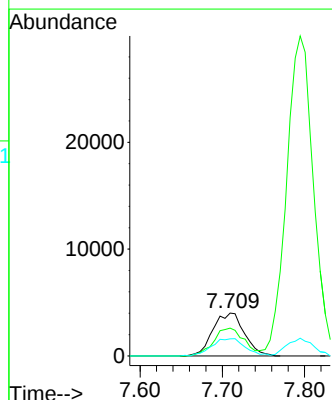
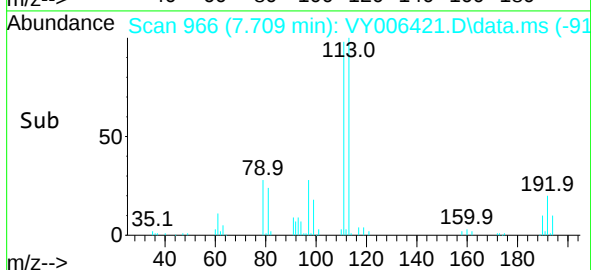
Tgt Ion: 56 Resp: 12760
Ion Ratio Lower Upper
56 100
69 64.1 26.7 40.1#
84 98.2 67.2 100.8

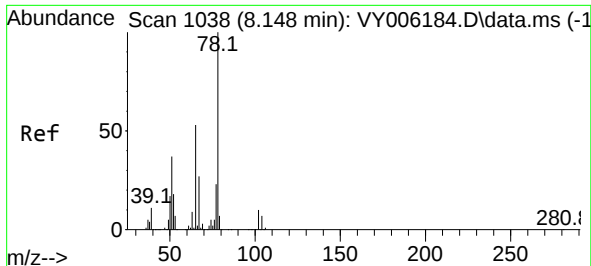


#32
1,1,1-Trichloroethane
Concen: 4.868 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



Tgt Ion: 97 Resp: 10692
Ion Ratio Lower Upper
97 100
99 61.6 50.7 76.1
61 42.9 37.6 56.4

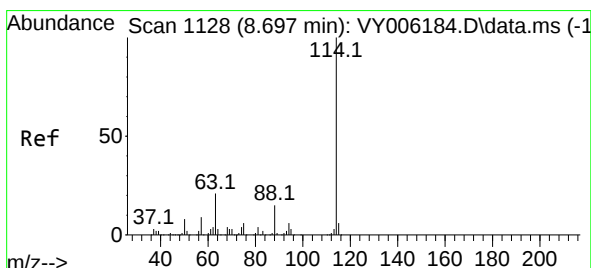
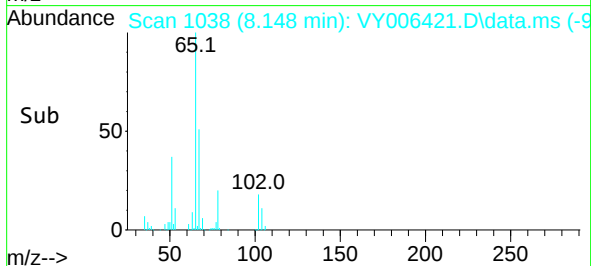
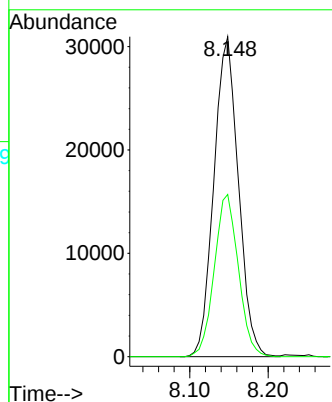
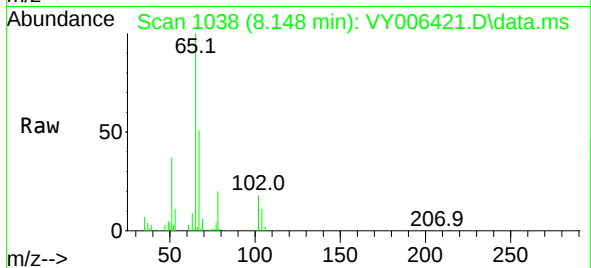




#33
1,2-Dichloroethane-d4
Concen: 50.439 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

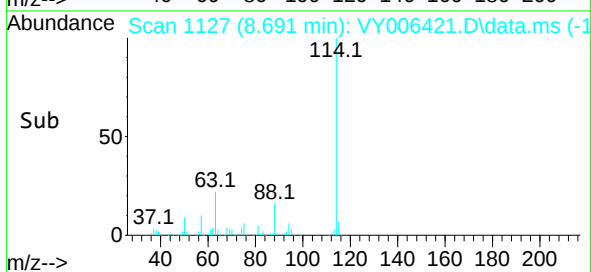
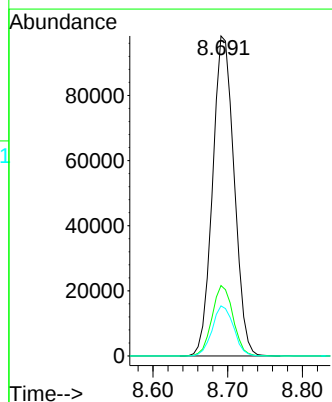
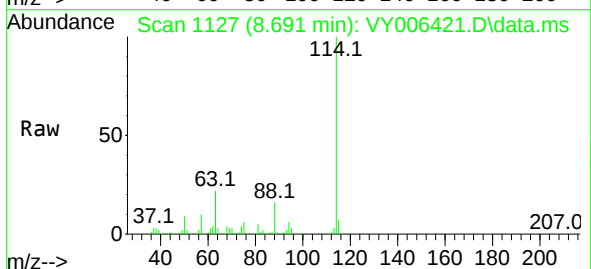
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

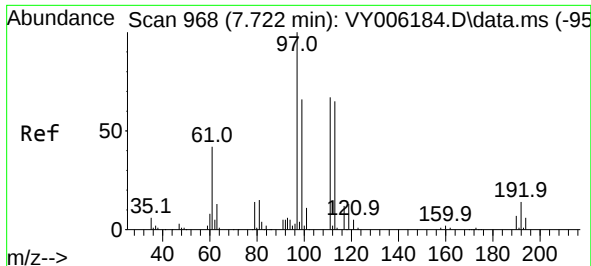
Tgt Ion: 65 Resp: 67291
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

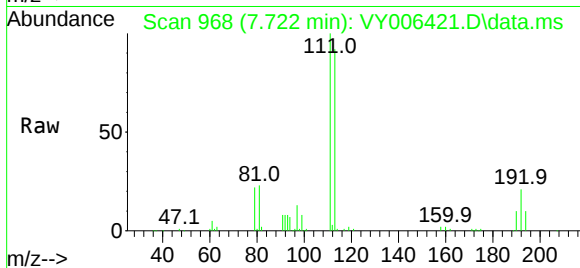
Tgt Ion: 114 Resp: 196635
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 15.7 0.0 31.8



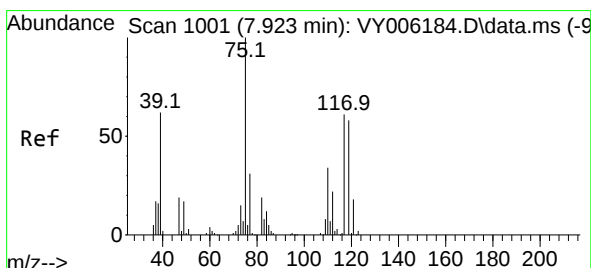
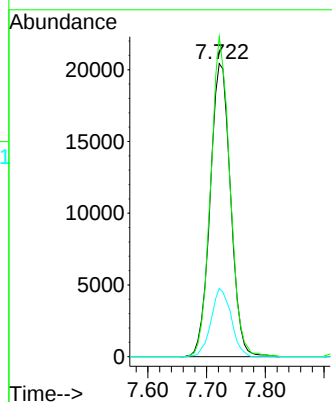
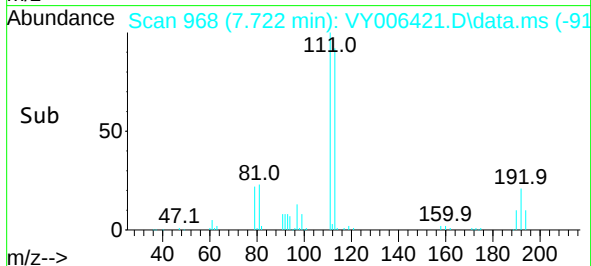


#35
Dibromofluoromethane
Concen: 47.135 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

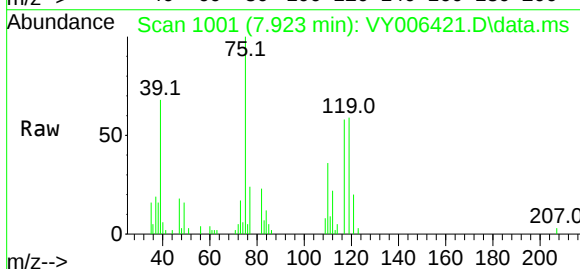
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021



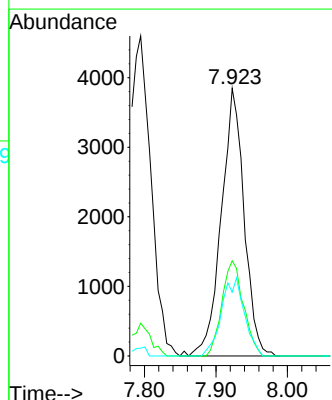
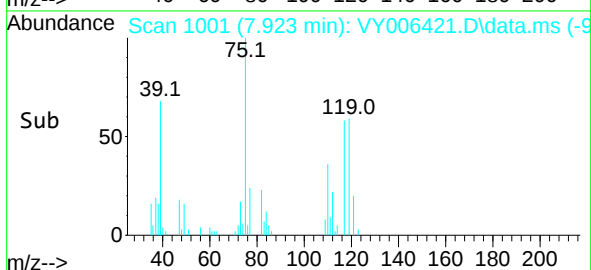
Tgt Ion:113 Resp: 49517
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 22.8 17.6 26.4

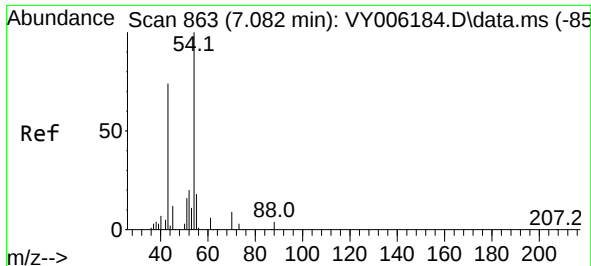


#36
1,1-Dichloropropene
Concen: 4.358 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22



Tgt Ion: 75 Resp: 8526
Ion Ratio Lower Upper
75 100
110 33.4 17.1 51.2
77 29.4 24.4 36.6





#37

Ethyl Acetate

Concen: 4.911 ug/l

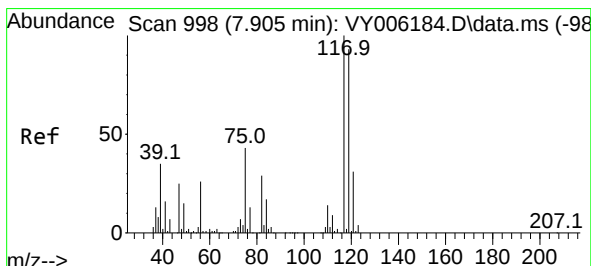
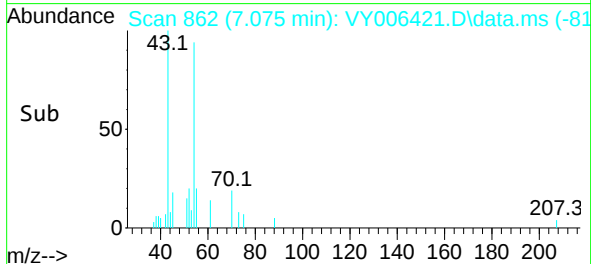
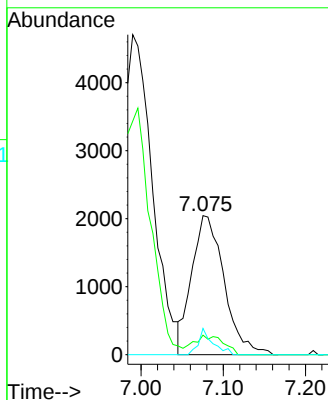
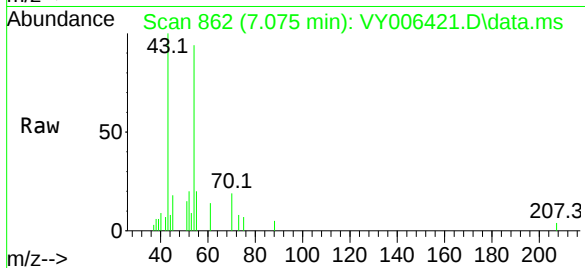
RT: 7.075 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

Tgt Ion:	43	Resp:	5597
Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.7	14.5
70	8.3	7.1	10.7



#38

Carbon Tetrachloride

Concen: 4.606 ug/l

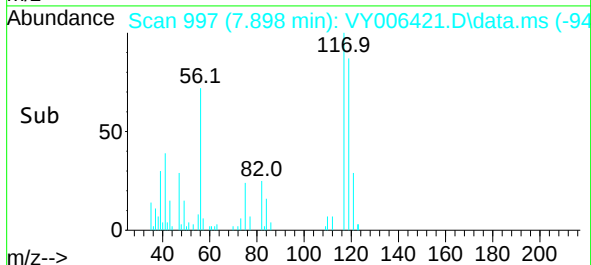
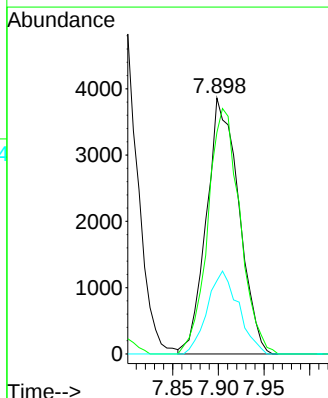
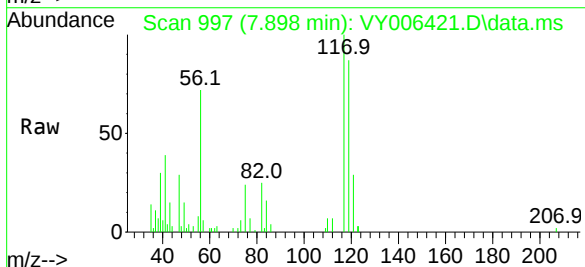
RT: 7.898 min Scan# 997

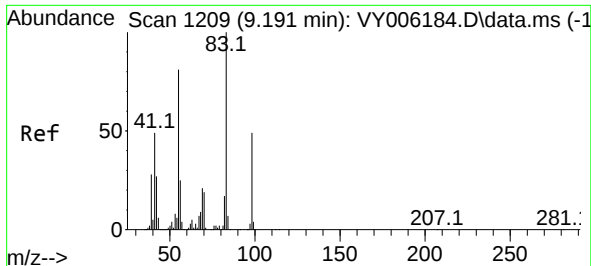
Delta R.T. -0.006 min

Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

Tgt Ion:	117	Resp:	9516
Ion	Ratio	Lower	Upper
117	100		
119	86.6	77.9	116.9
121	28.7	24.8	37.2





#39

Methylcyclohexane

Concen: 4.032 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.006 min

Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

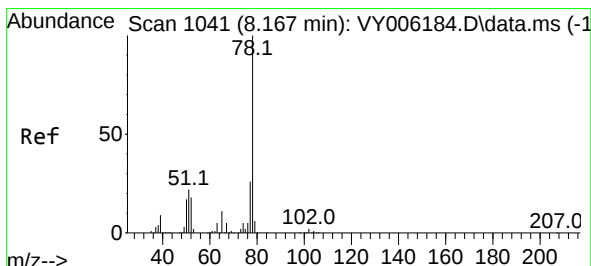
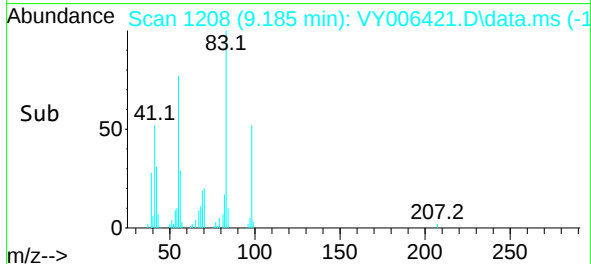
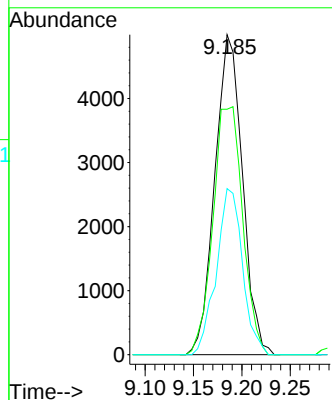
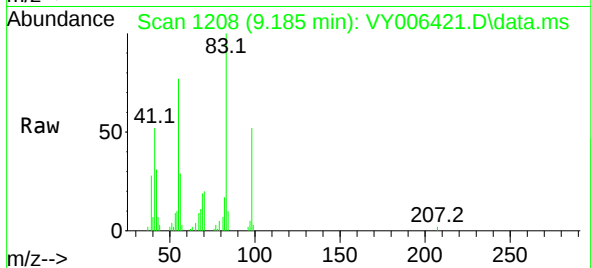
Tgt Ion: 83 Resp: 9908

Ion Ratio Lower Upper

83 100

55 76.7 66.5 99.7

98 51.9 37.9 56.9



#40

Benzene

Concen: 4.487 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY006421.D

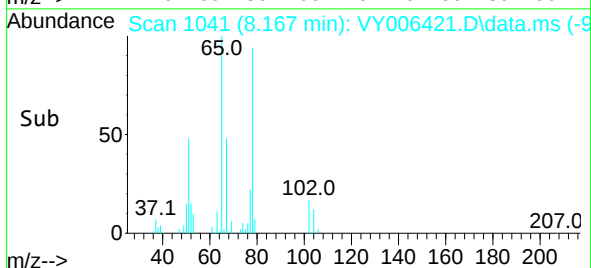
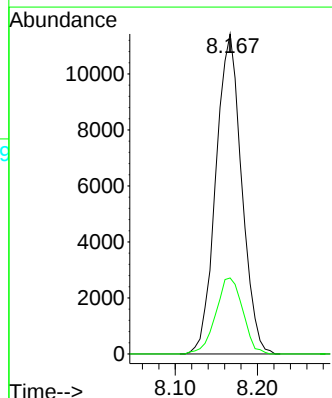
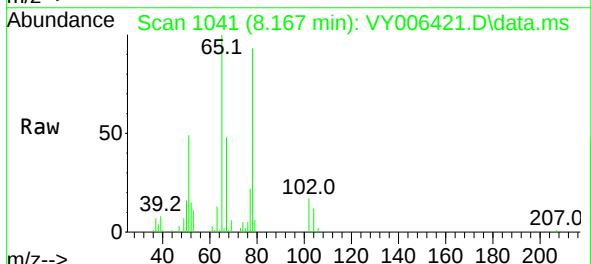
Acq: 19 Oct 2021 12:22

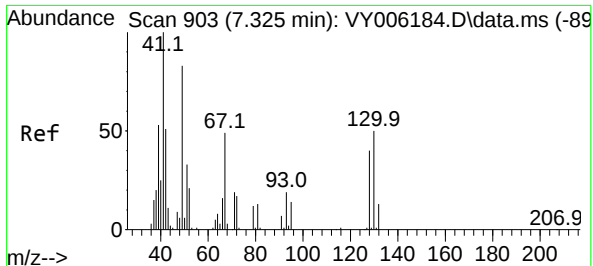
Tgt Ion: 78 Resp: 24905

Ion Ratio Lower Upper

78 100

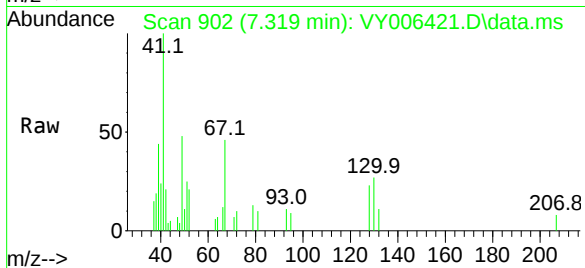
77 23.7 20.4 30.6



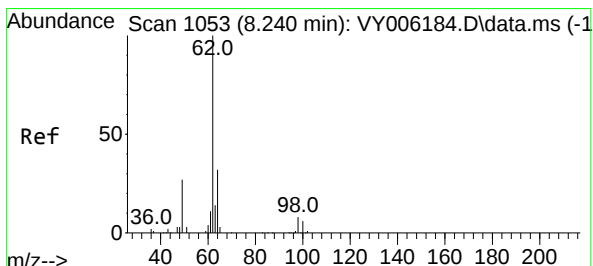
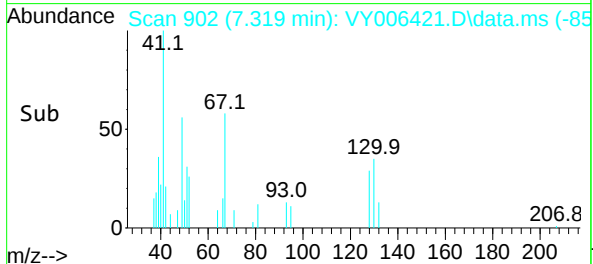
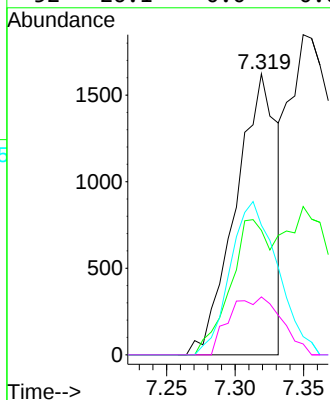


#41
Methacrylonitrile
Concen: 4.598 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

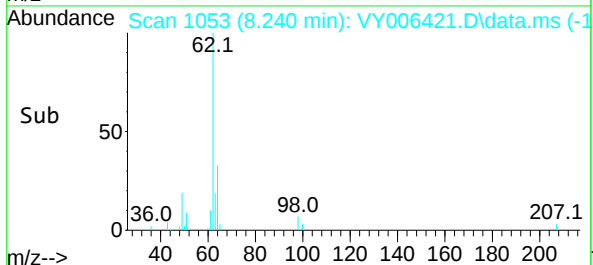
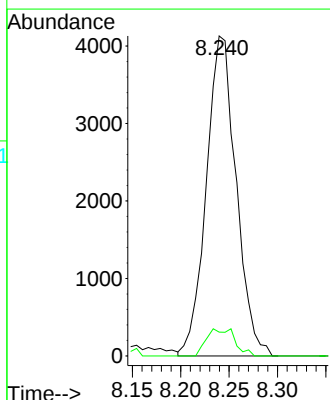
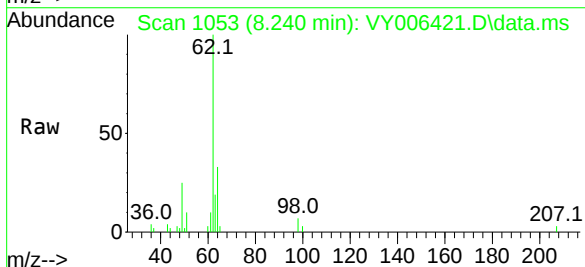


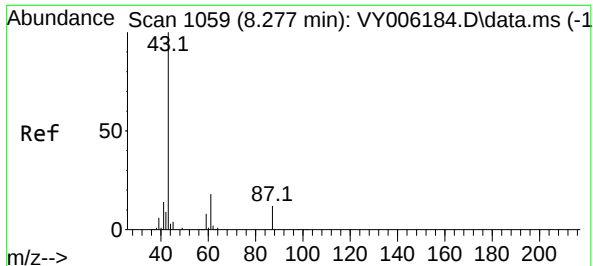
Tgt Ion: 41 Resp: 3399
Ion Ratio Lower Upper
41 100
39 44.8 92.9 139.3#
67 62.7 0.0 0.0#
52 26.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 4.957 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 62 Resp: 8865
Ion Ratio Lower Upper
62 100
98 8.0 0.0 14.8

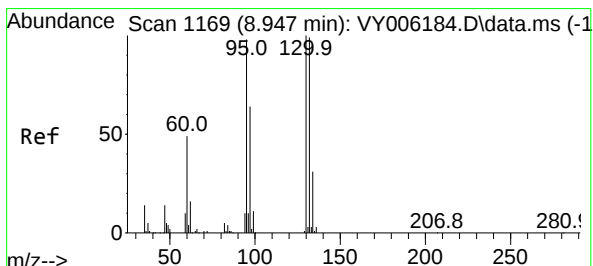
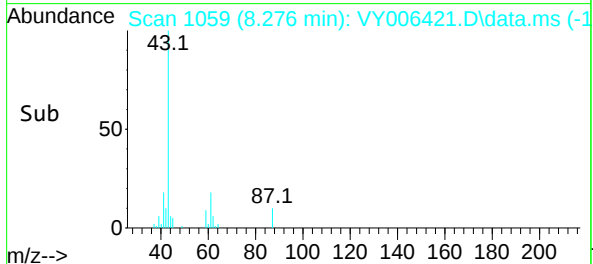
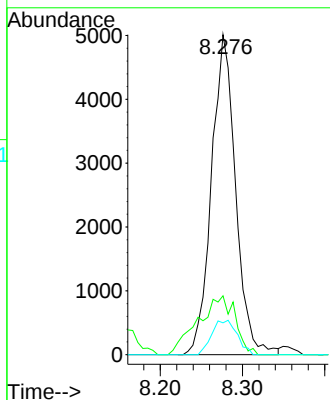
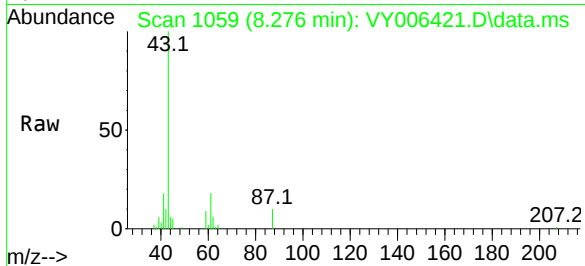




#43
Isopropyl Acetate
Concen: 4.684 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

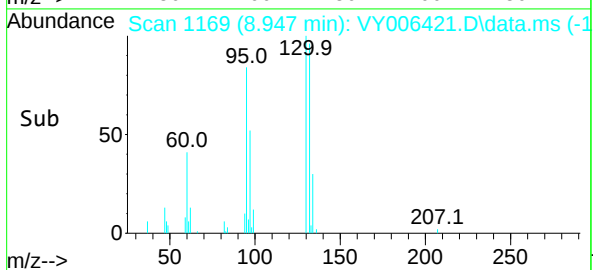
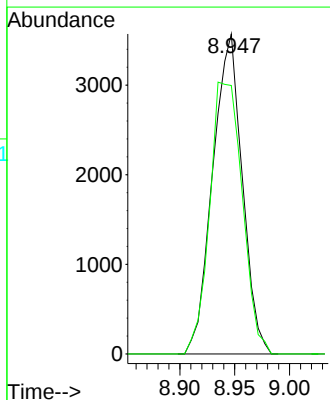
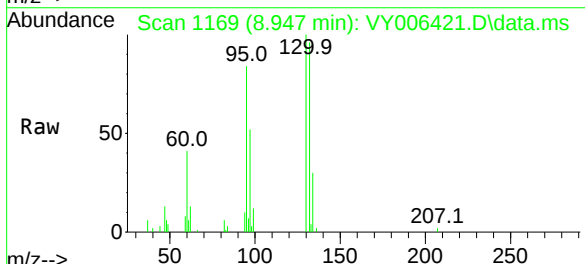
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

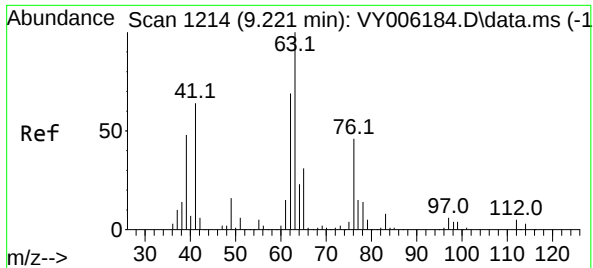
Tgt Ion:	43	Resp:	10239
Ion	Ratio	Lower	Upper
43	100		
61	28.3	20.2	30.2
87	11.3	8.9	13.3



#44
Trichloroethene
Concen: 4.668 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	130	Resp:	6692
Ion	Ratio	Lower	Upper
130	100		
95	83.9	0.0	188.2



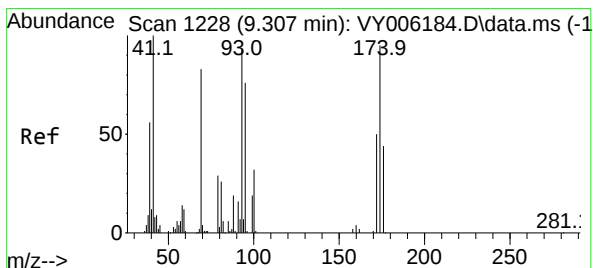
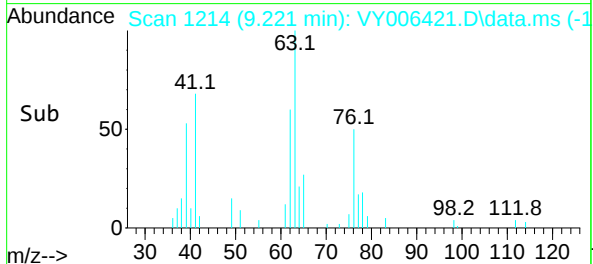
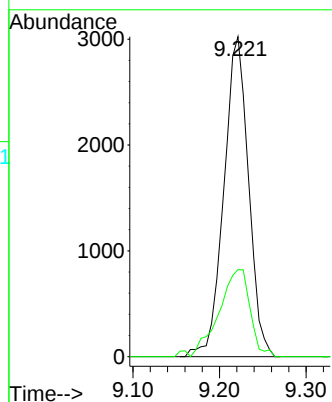
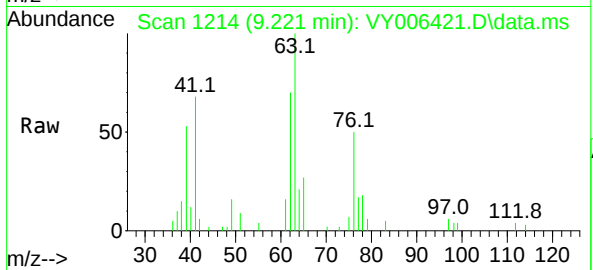


#45

1,2-Dichloropropane
Concen: 4.372 ug/l
RT: 9.221 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

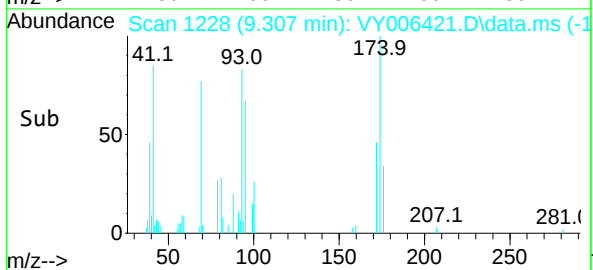
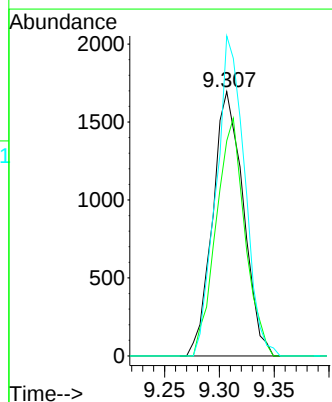
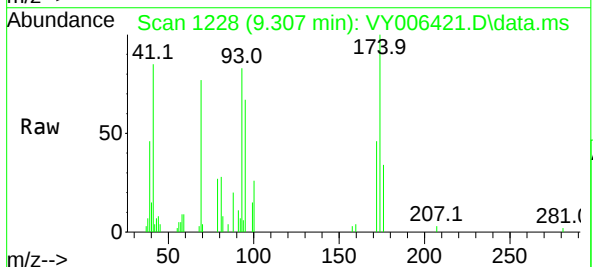
Tgt Ion: 63 Resp: 5974
Ion Ratio Lower Upper
63 100
65 27.2 23.0 34.6

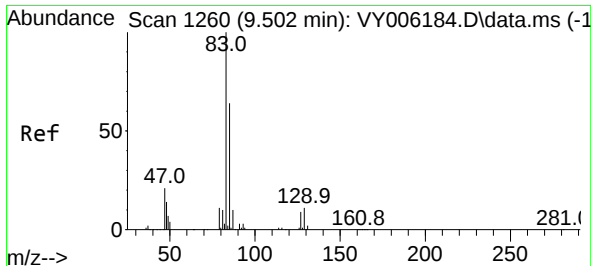


#46

Dibromomethane
Concen: 4.518 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 93 Resp: 3287
Ion Ratio Lower Upper
93 100
95 84.9 64.3 96.5
174 112.7 83.4 125.0

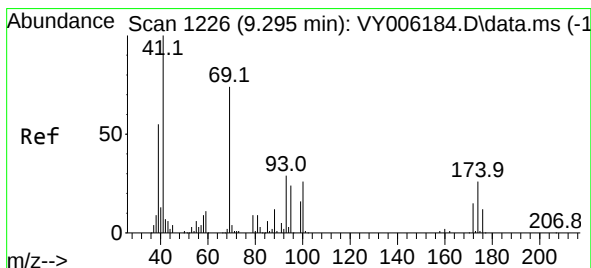
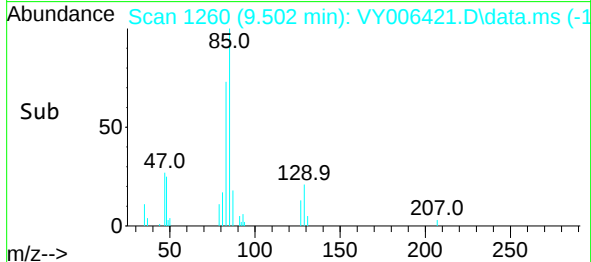
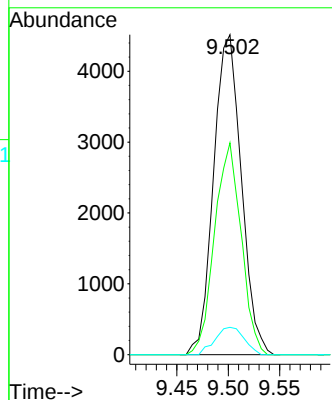
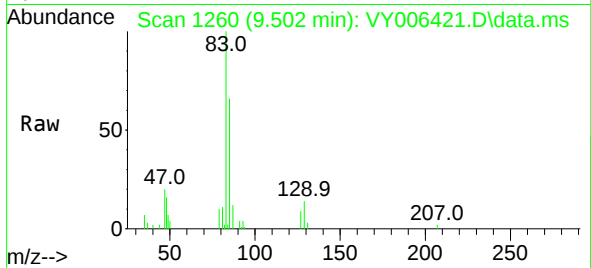




#47
Bromodichloromethane
Concen: 4.522 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

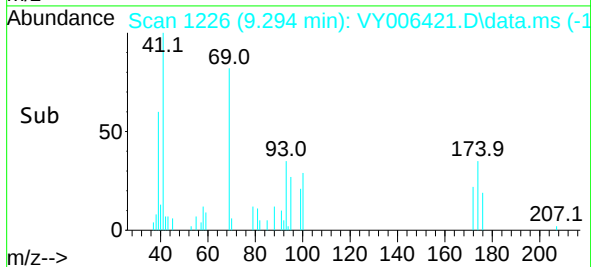
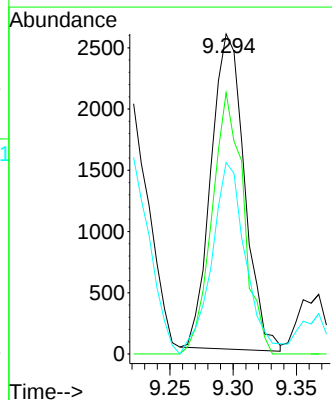
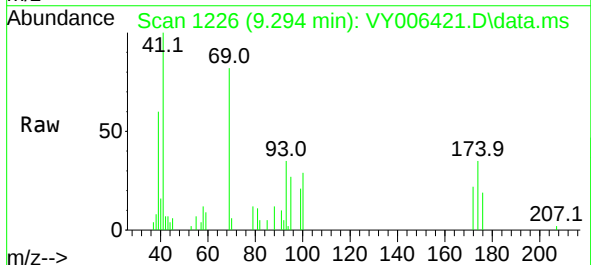
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

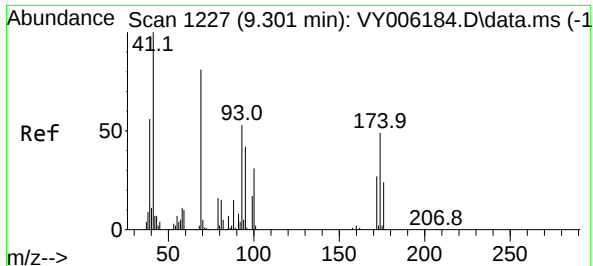
Tgt Ion:	83	Resp:	8471
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.9	77.9
127	8.5	6.6	10.0



#48
Methyl methacrylate
Concen: 4.524 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	41	Resp:	4744
Ion	Ratio	Lower	Upper
41	100		
69	77.6	58.2	87.2
39	61.6	47.4	71.0

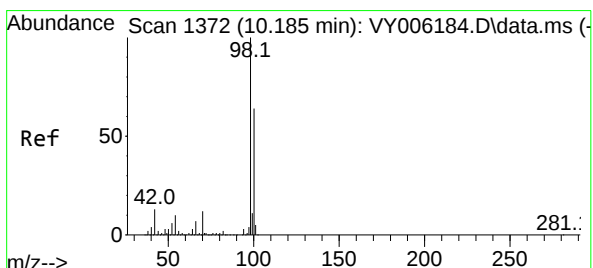
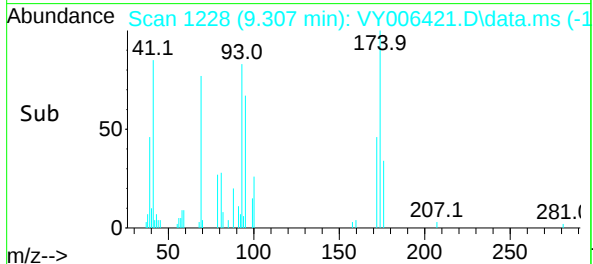
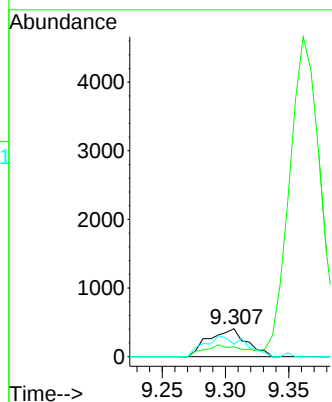
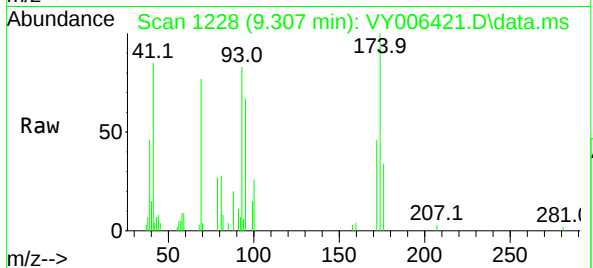




#49
1,4-Dioxane
Concen: 89.118 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

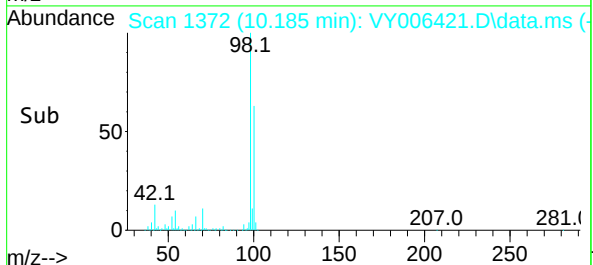
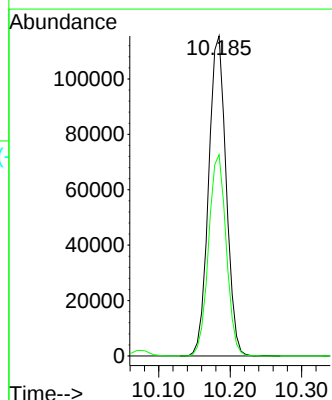
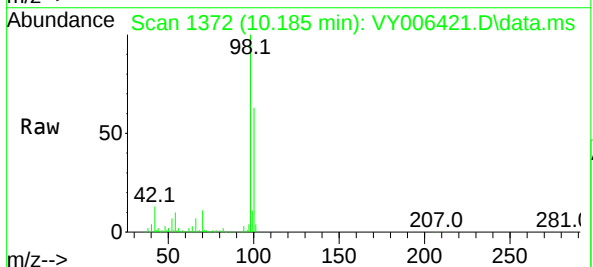
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

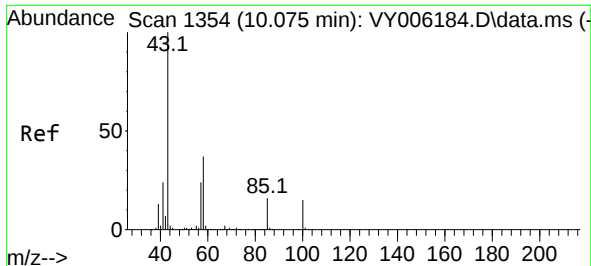
Tgt Ion: 88 Resp: 846
Ion Ratio Lower Upper
88 100
43 45.3 32.8 49.2
58 78.7 59.8 89.6



#50
Toluene-d8
Concen: 44.676 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 98 Resp: 196427
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

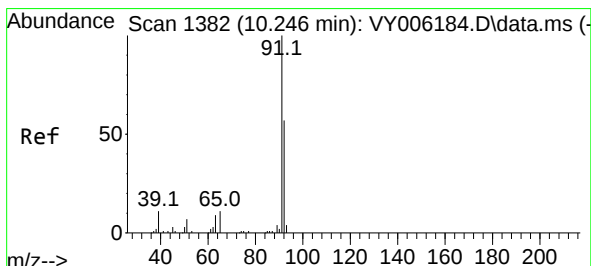
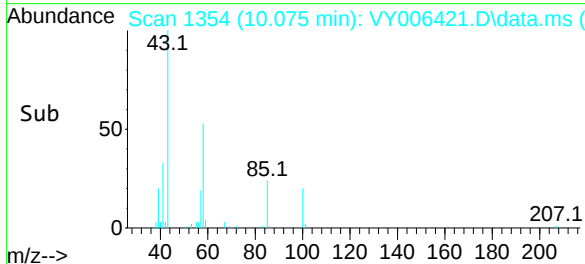
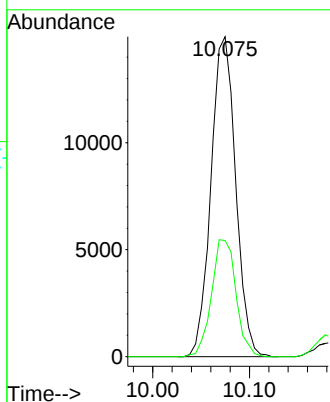
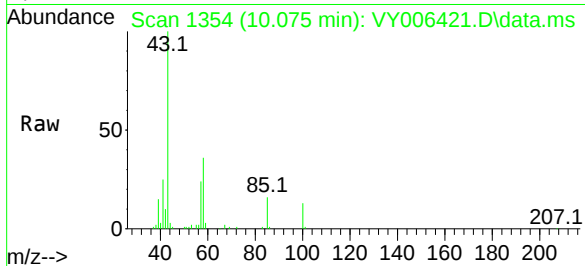




#51
4-Methyl-2-Pentanone
Concen: 23.363 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

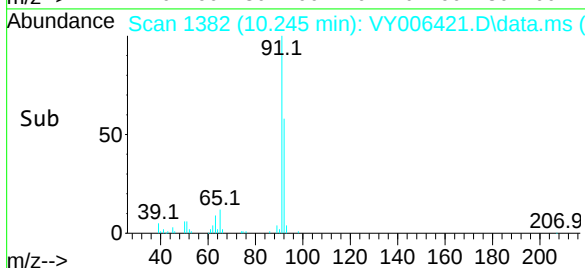
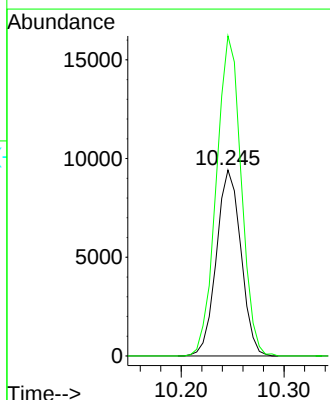
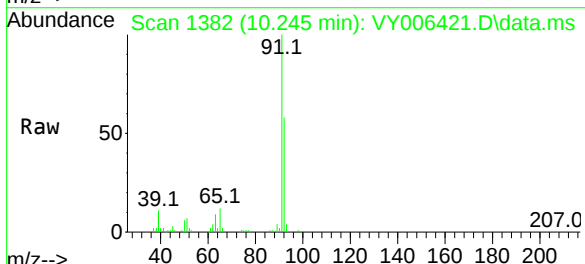
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

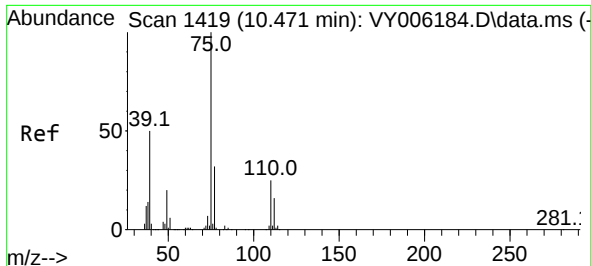
Tgt Ion: 43 Resp: 26518
Ion Ratio Lower Upper
43 100
58 36.2 28.1 42.1



#52
Toluene
Concen: 4.533 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 92 Resp: 15607
Ion Ratio Lower Upper
92 100
91 174.4 142.6 213.8

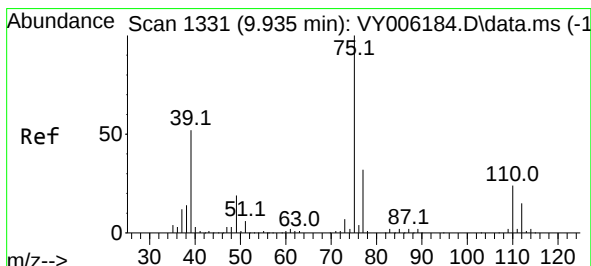
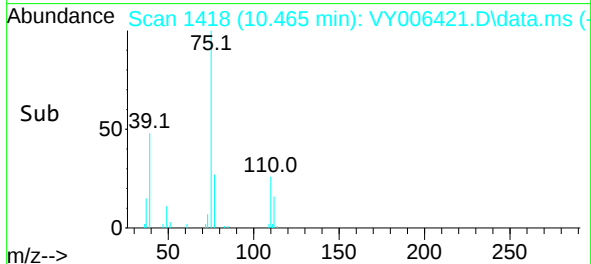
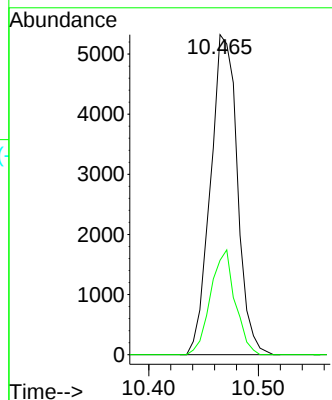
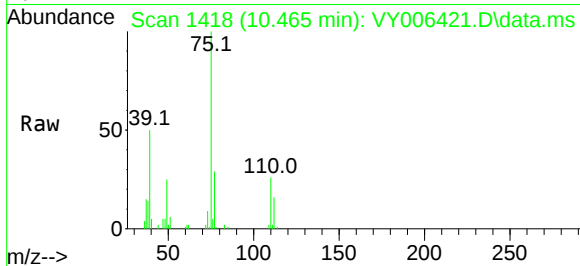




#53
t-1,3-Dichloropropene
Concen: 4.424 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

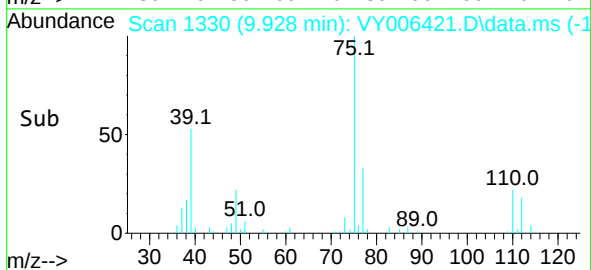
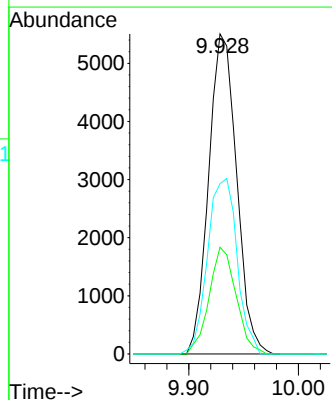
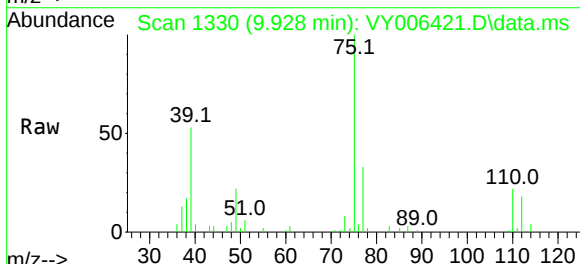
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

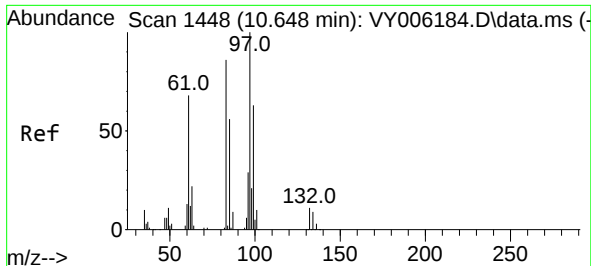
Tgt Ion: 75 Resp: 9036
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 4.343 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 75 Resp: 9752
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4
39 53.2 47.6 71.4

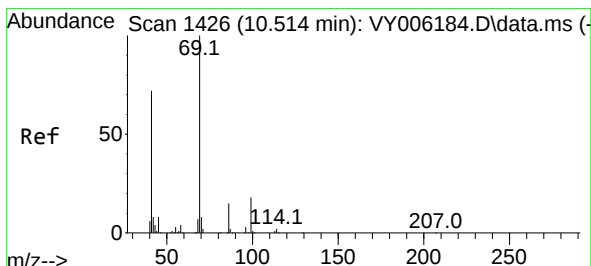
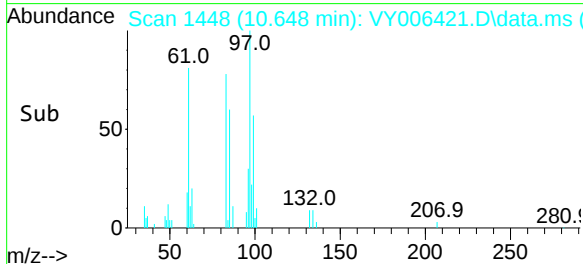
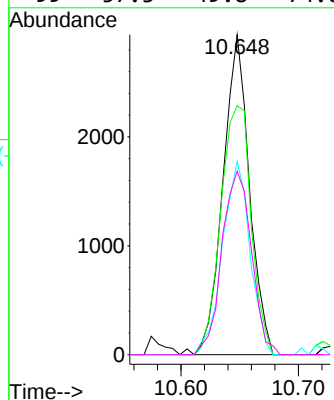
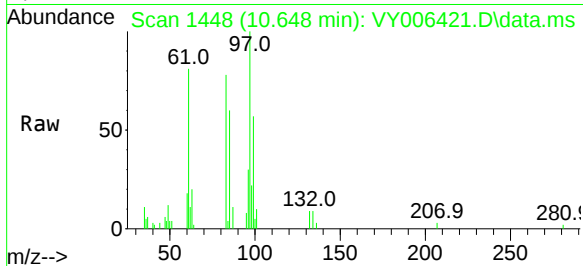




#55
1,1,2-Trichloroethane
Concen: 4.499 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

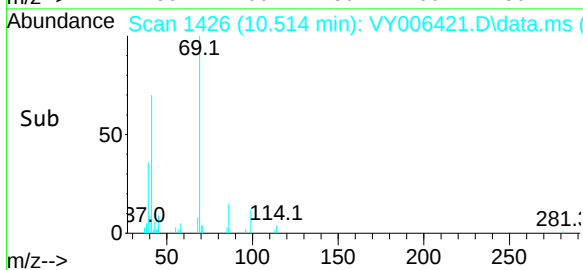
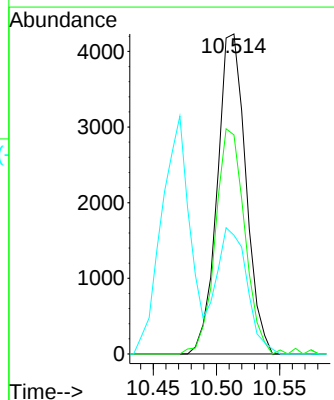
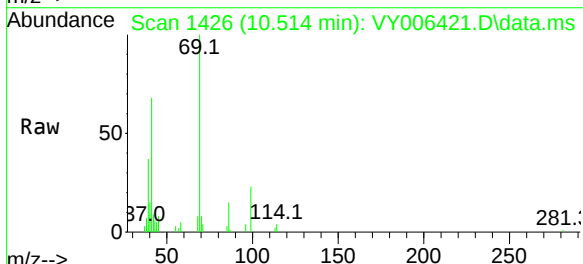
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

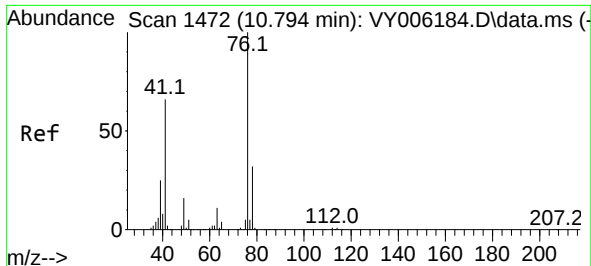
Tgt Ion: 97	Resp: 4606
Ion Ratio	Lower Upper
97 100	
83 77.8	69.8 104.8
85 60.3	44.3 66.5
99 57.3	49.8 74.6



#56
Ethyl methacrylate
Concen: 4.257 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 69	Resp: 6624
Ion Ratio	Lower Upper
69 100	
41 72.2	63.4 95.0
39 42.6	35.8 53.8

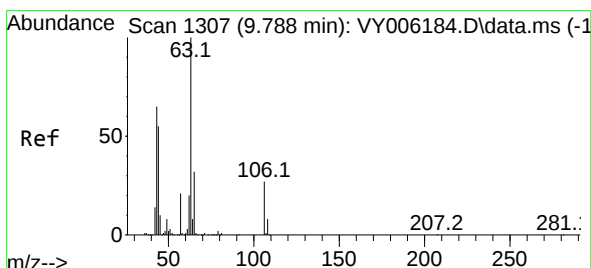
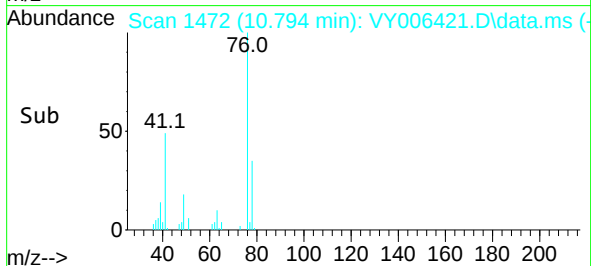
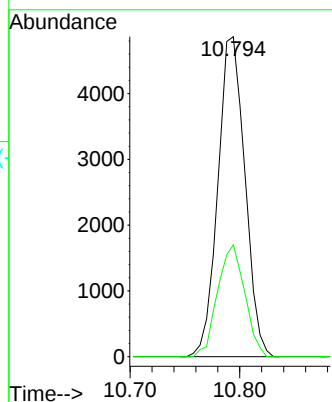
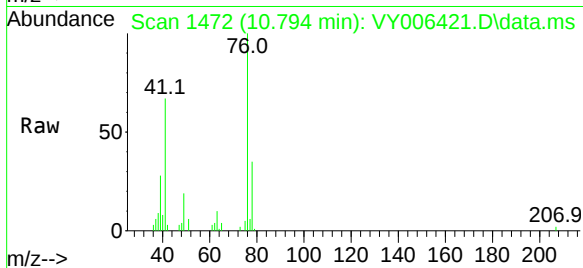




#57
1,3-Dichloropropane
Concen: 4.499 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

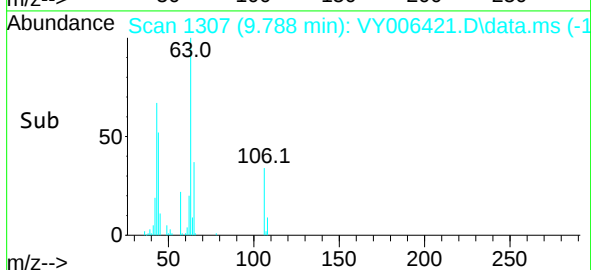
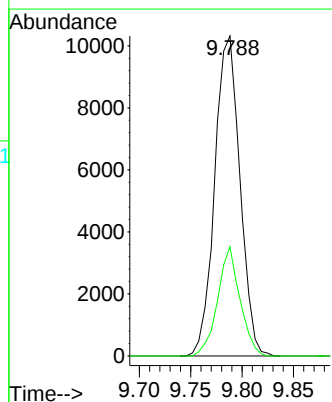
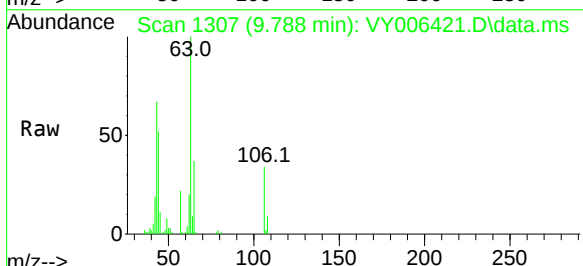
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

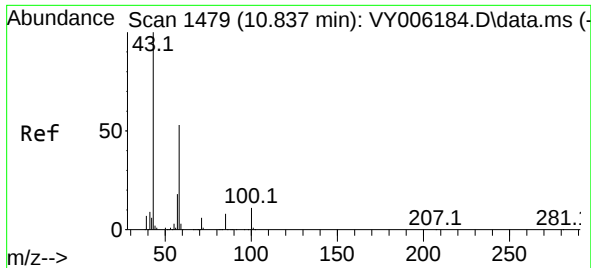
Tgt Ion: 76 Resp: 8335
Ion Ratio Lower Upper
76 100
78 35.1 25.0 37.6



#58
2-Chloroethyl Vinyl ether
Concen: 23.071 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 63 Resp: 17591
Ion Ratio Lower Upper
63 100
106 30.1 21.5 32.3

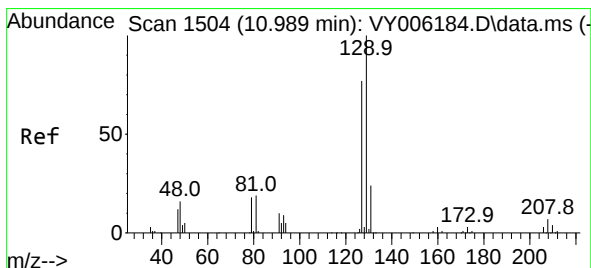
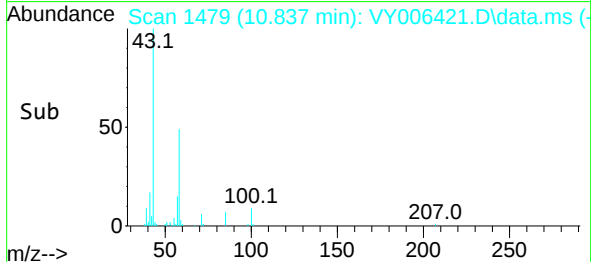
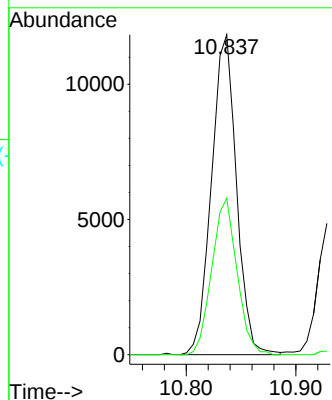
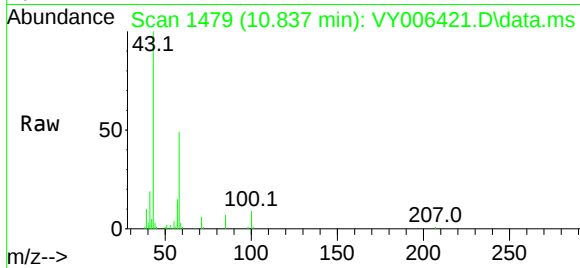




#59
2-Hexanone
Concen: 23.188 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

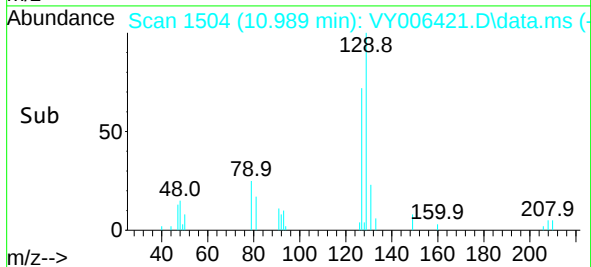
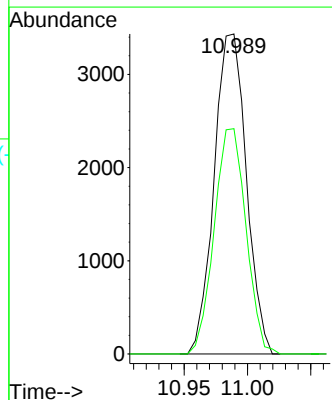
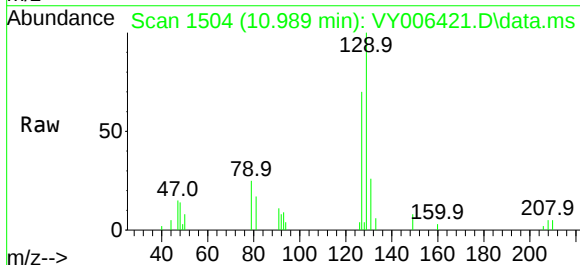
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

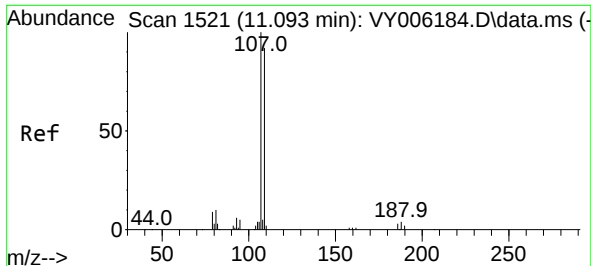
Tgt Ion: 43 Resp: 18745
Ion Ratio Lower Upper
43 100
58 49.2 24.4 73.4



#60
Dibromochloromethane
Concen: 4.886 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 129 Resp: 6078
Ion Ratio Lower Upper
129 100
127 69.4 38.7 116.1

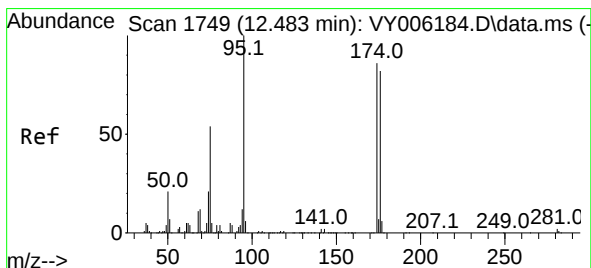
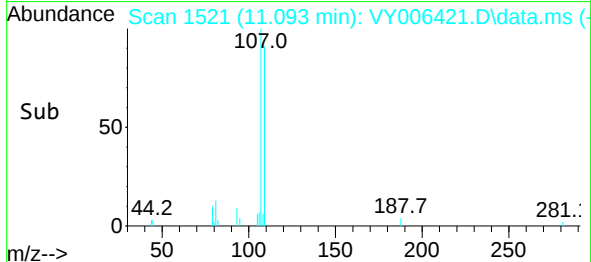
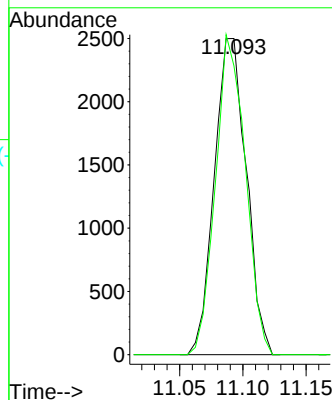
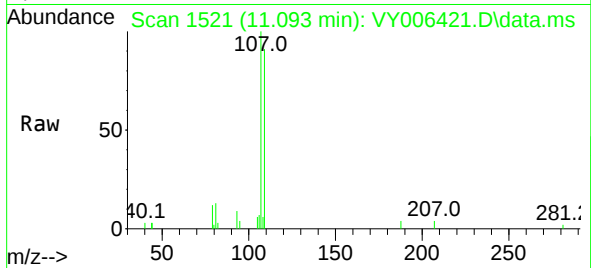




#61
1,2-Dibromoethane
Concen: 4.528 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

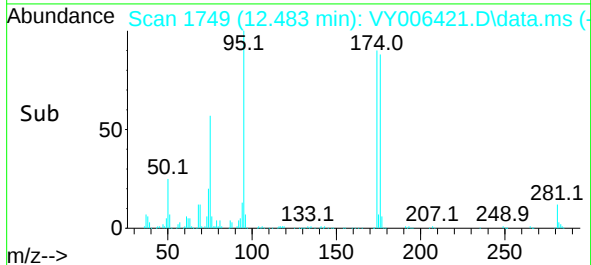
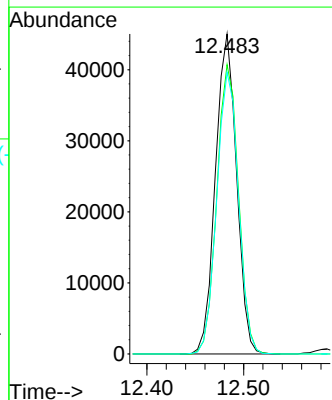
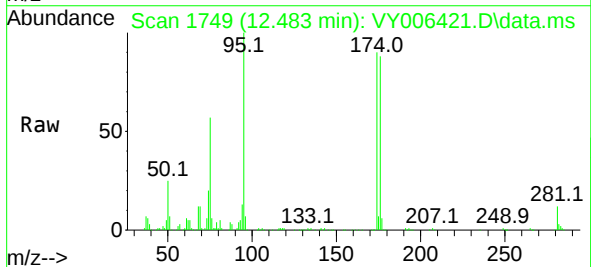
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

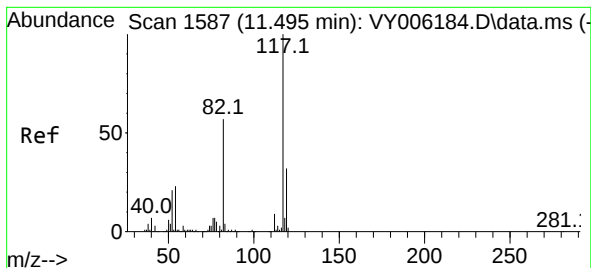
Tgt Ion:107 Resp: 4389
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 45.706 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 95 Resp: 68267
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 90.3 0.0 175.8

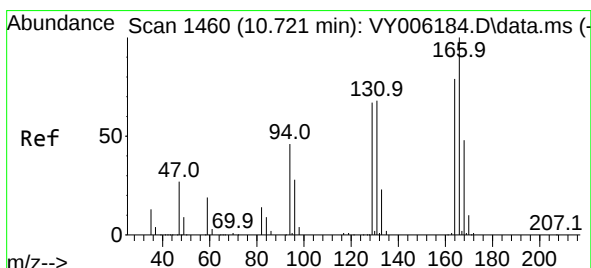
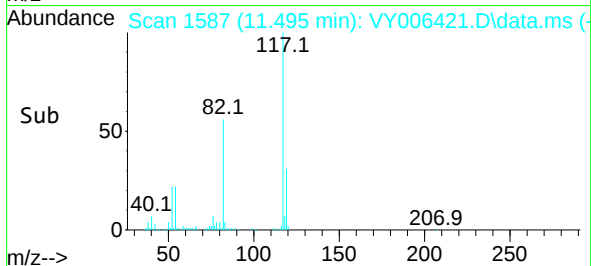
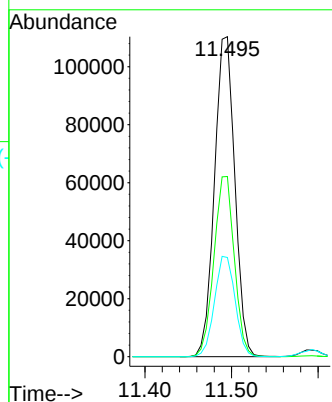
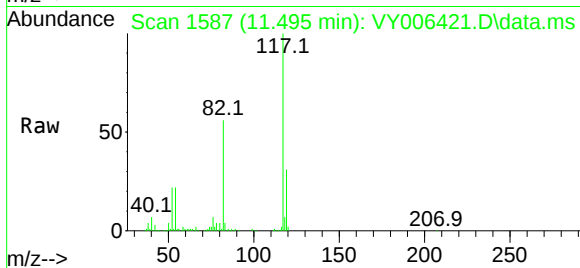




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

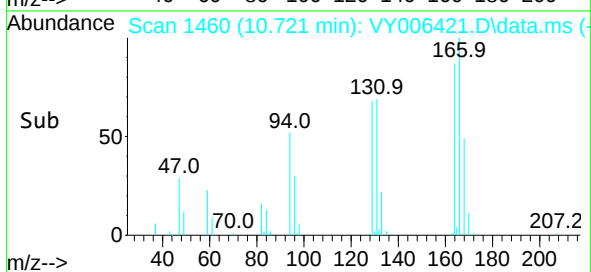
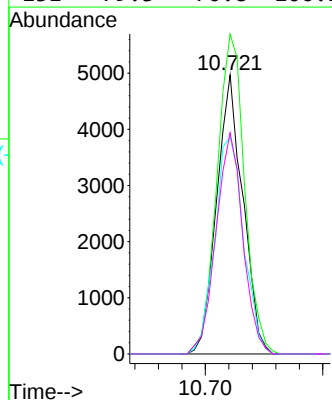
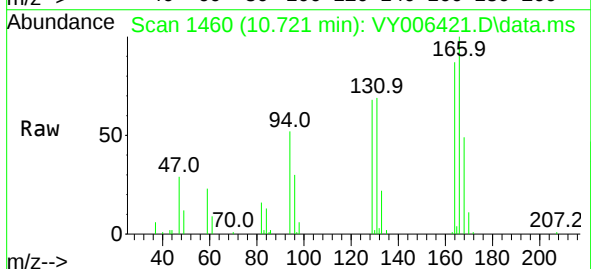
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

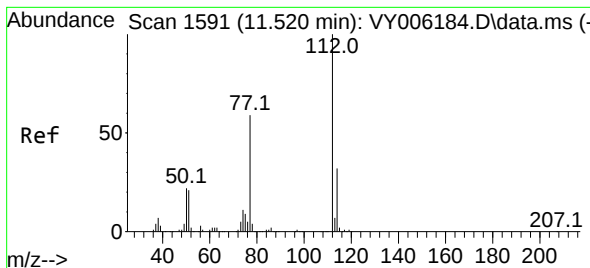
Tgt Ion:	117	Resp:	180178
Ion Ratio	Lower	Upper	
117	100		
82	56.3	43.0	64.4
119	31.0	25.4	38.0



#64
Tetrachloroethene
Concen: 5.311 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	164	Resp:	7706
Ion Ratio	Lower	Upper	
164	100		
166	114.7	100.4	150.6
129	77.8	71.4	107.0
131	79.3	70.8	106.2

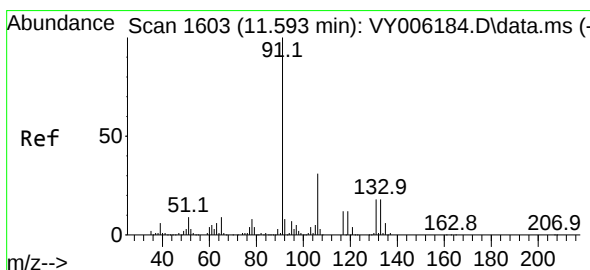
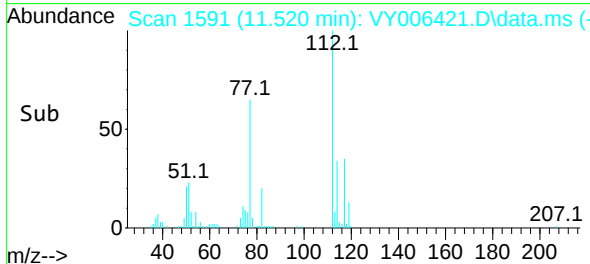
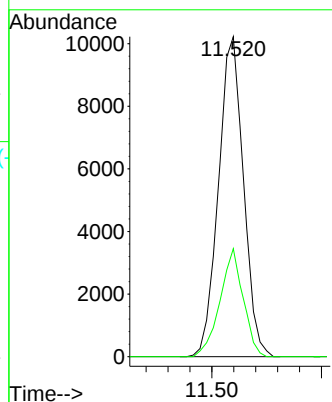
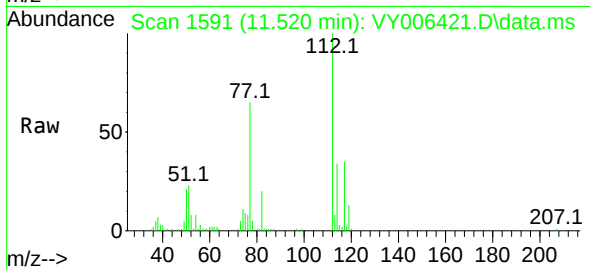




#65
Chlorobenzene
Concen: 4.529 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

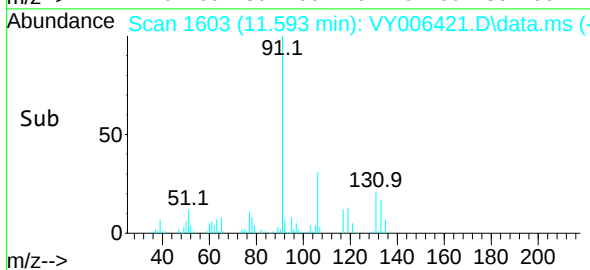
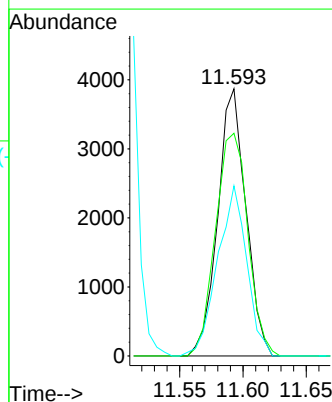
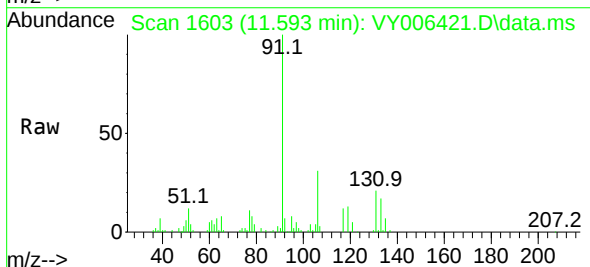
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

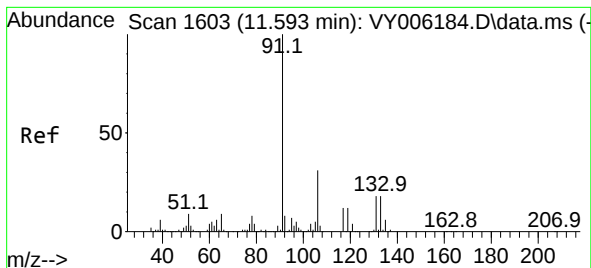
Tgt Ion:112 Resp: 16168
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.552 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:131 Resp: 5989
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 66.1 30.8 92.3

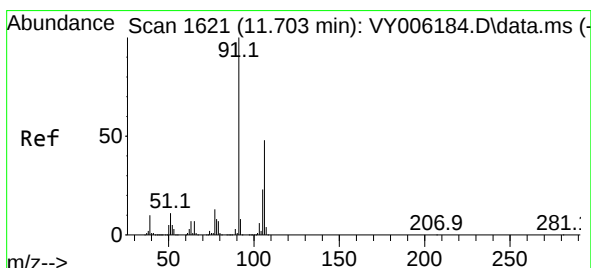
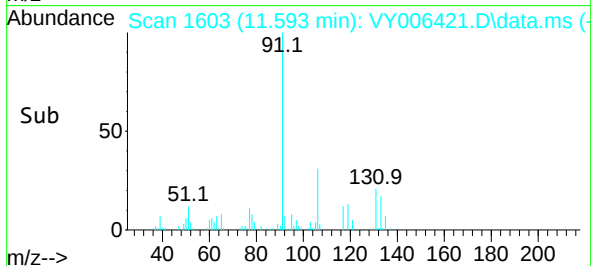
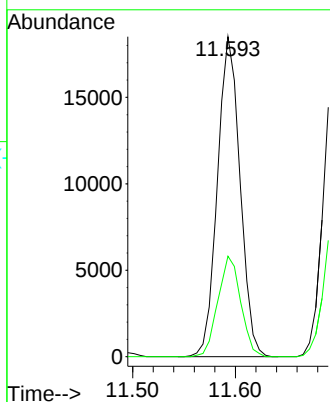
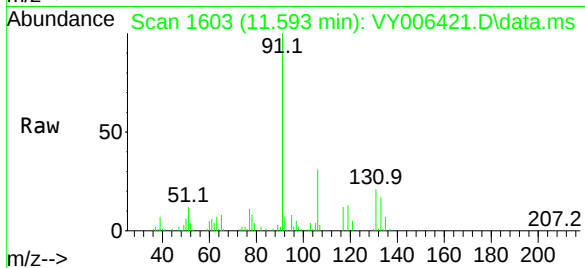




#67
Ethyl Benzene
Concen: 4.192 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

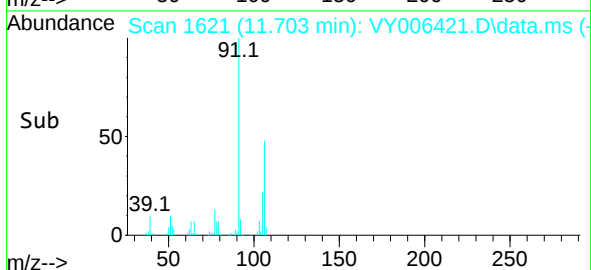
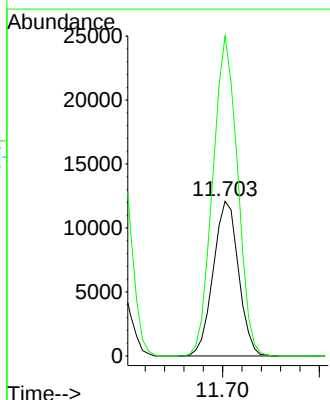
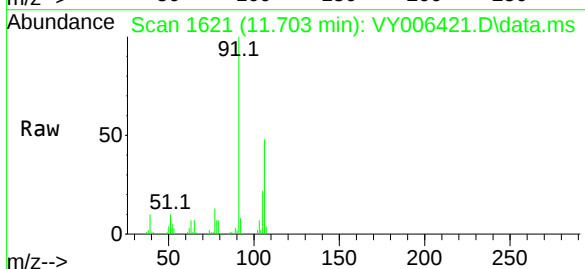
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

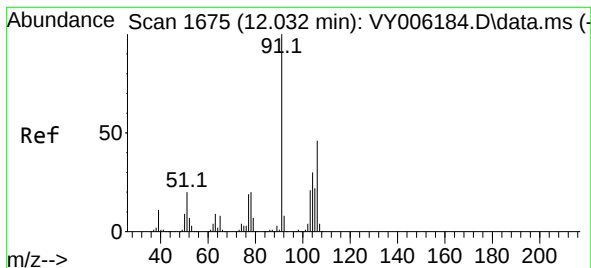
Tgt Ion: 91 Resp: 28209
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7



#68
m/p-Xylenes
Concen: 8.575 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 106 Resp: 21898
Ion Ratio Lower Upper
106 100
91 203.1 166.6 249.8

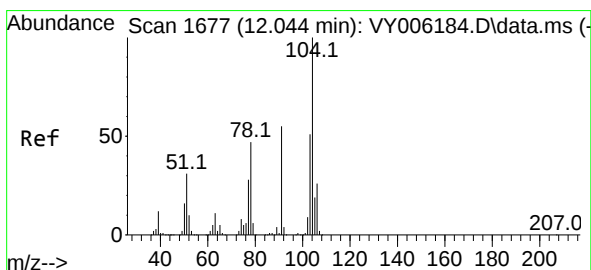
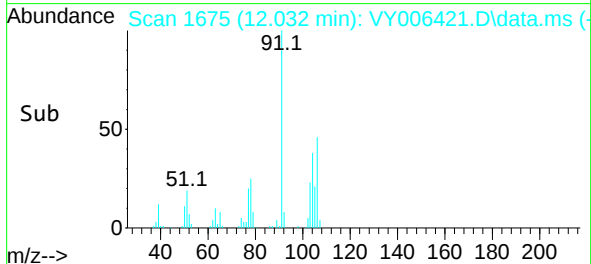
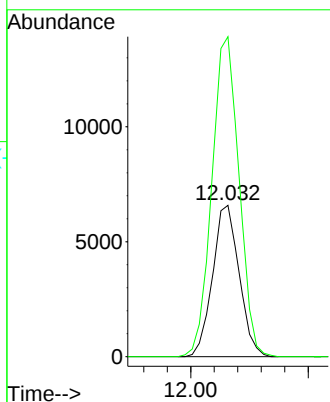
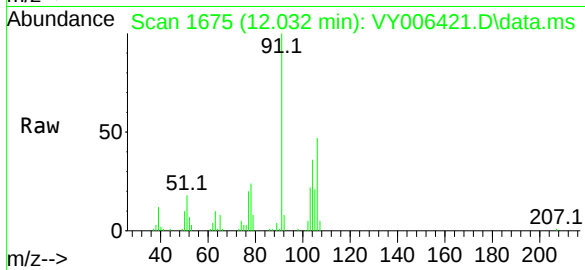




#69
o-Xylene
Concen: 4.284 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

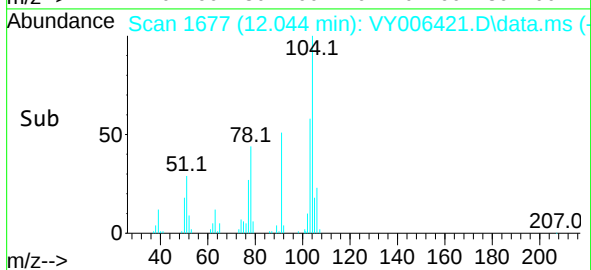
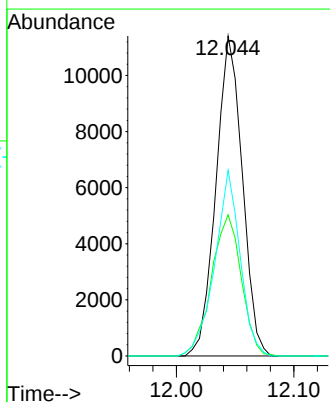
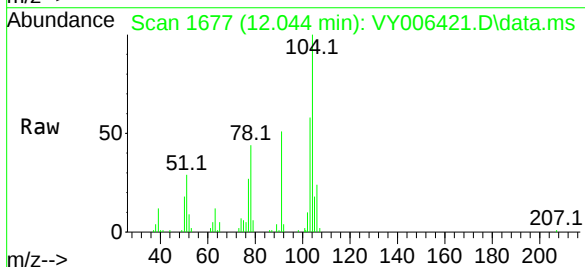
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

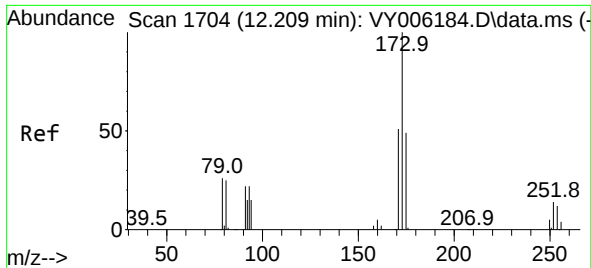
Tgt Ion:106 Resp: 10333
Ion Ratio Lower Upper
106 100
91 215.9 110.3 331.0



#70
Styrene
Concen: 4.340 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:104 Resp: 17774
Ion Ratio Lower Upper
104 100
78 49.9 42.4 63.6
103 56.0 44.4 66.6

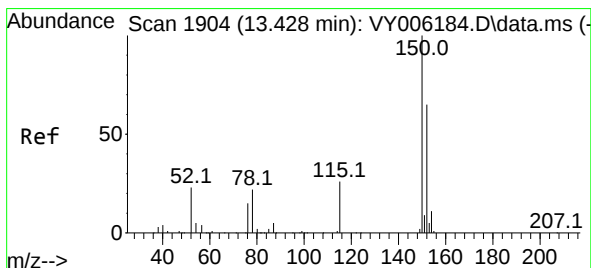
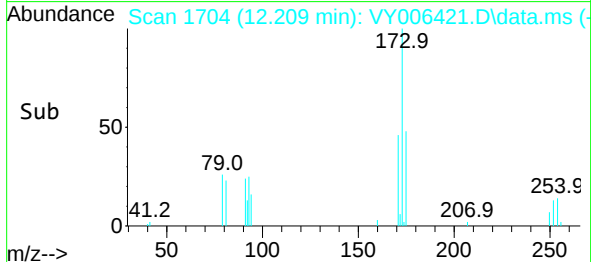
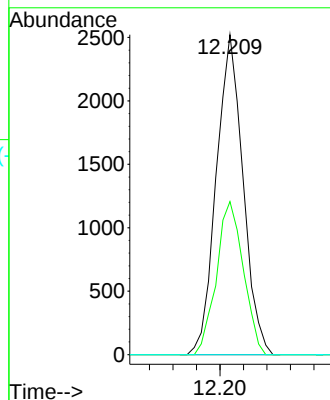
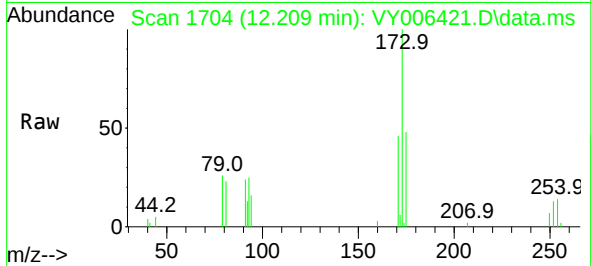




#71
Bromoform
Concen: 4.863 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

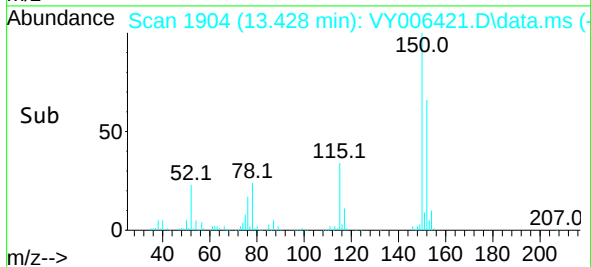
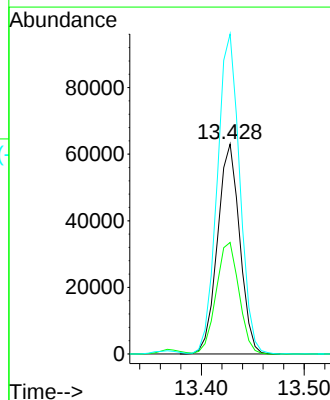
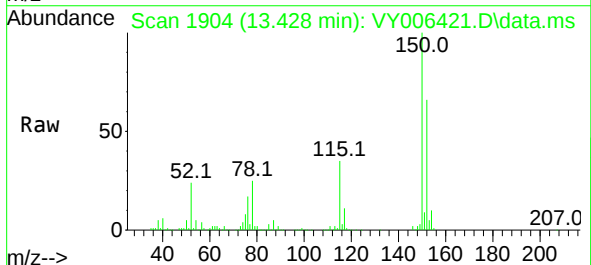
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

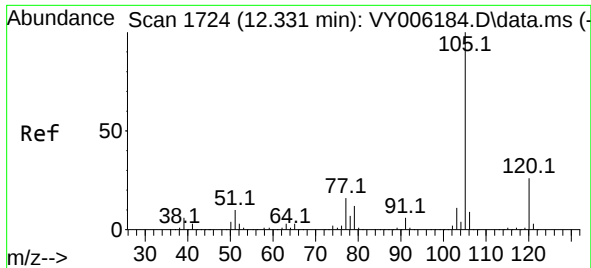
Tgt Ion:	173	Resp:	3979
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.6	74.0
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	152	Resp:	94357
Ion Ratio	Lower	Upper	
152	100		
115	54.8	28.2	84.7
150	154.7	0.0	347.6

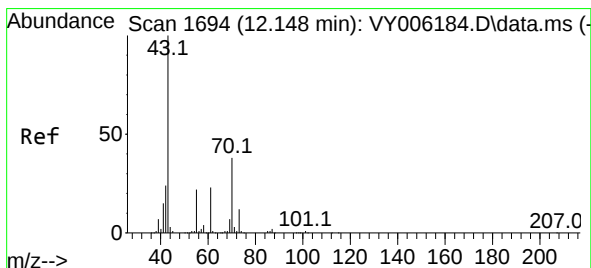
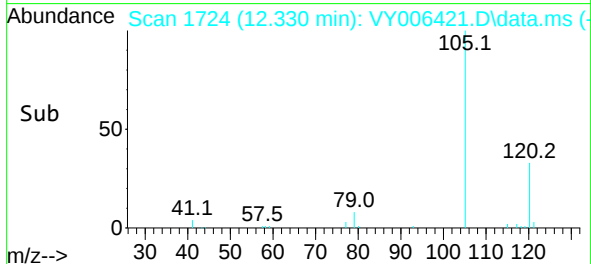
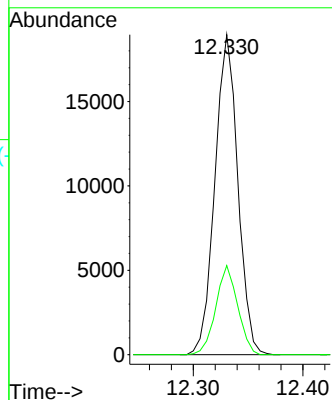
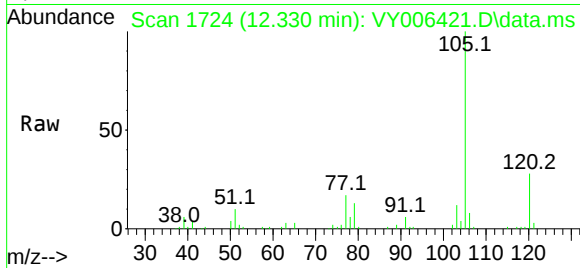




#73
Isopropylbenzene
Concen: 4.077 ug/l
RT: 12.330 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

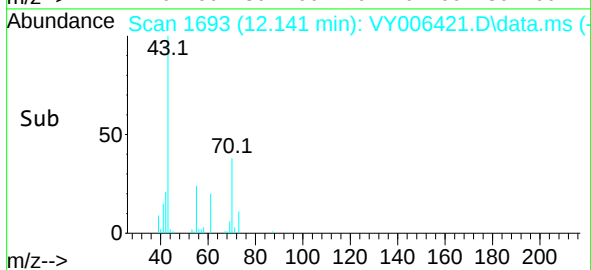
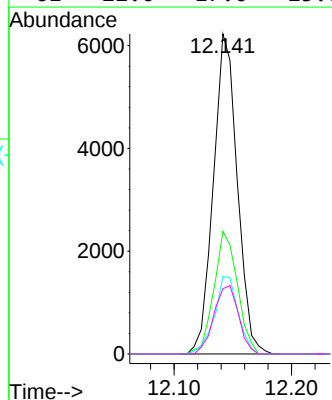
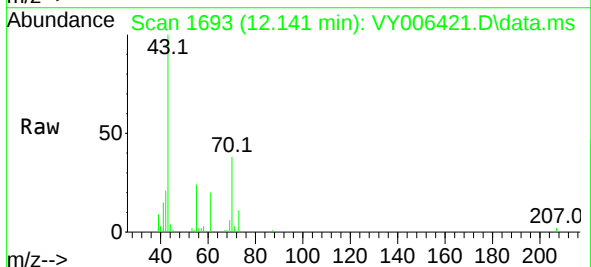
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

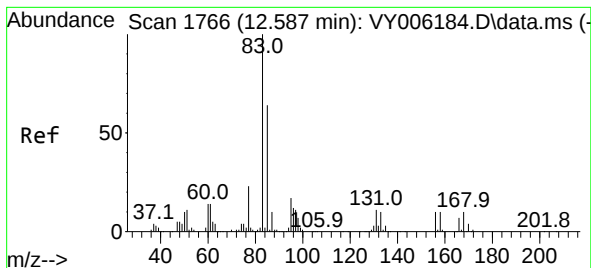
Tgt Ion:105 Resp: 27554
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 4.195 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 43 Resp: 8800
Ion Ratio Lower Upper
43 100
70 37.7 28.7 43.1
55 24.1 17.3 25.9
61 22.0 17.0 25.6



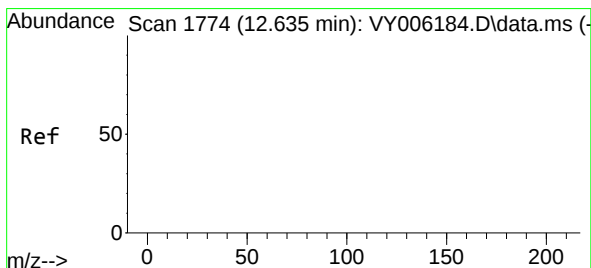
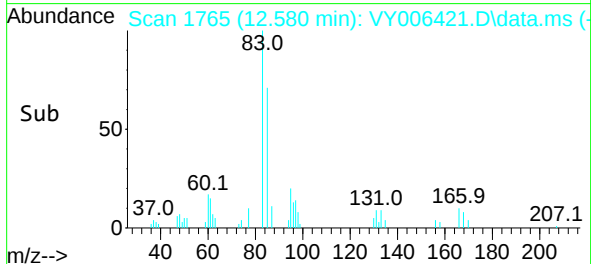
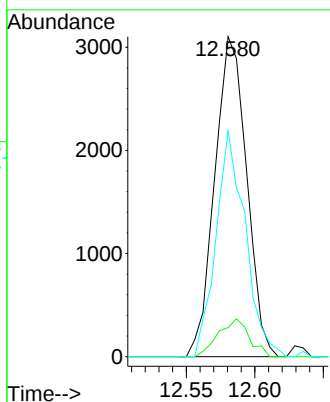
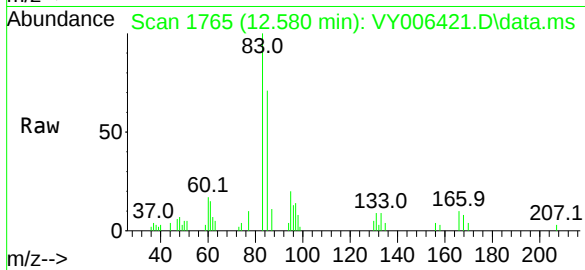


#75

1,1,2,2-Tetrachloroethane
Concen: 4.114 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

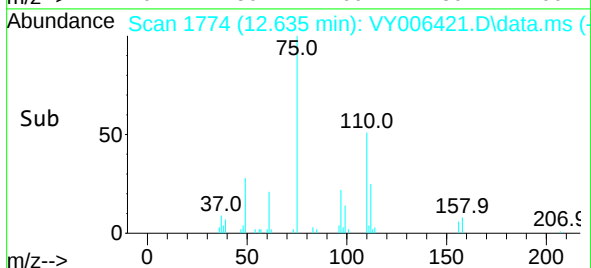
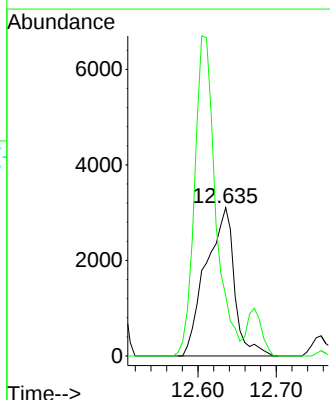
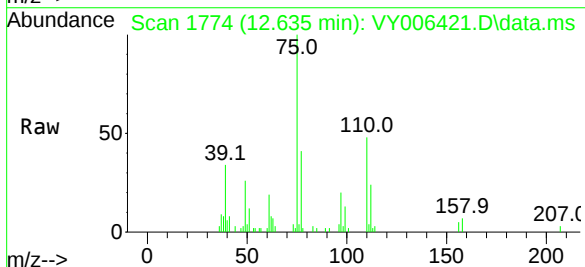
Tgt Ion: 83 Resp: 5022
Ion Ratio Lower Upper
83 100
131 11.4 5.6 16.8
85 64.7 32.3 96.8



#76

1,2,3-Trichloropropane
Concen: 8.572 ug/l
RT: 12.635 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 75 Resp: 7861
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

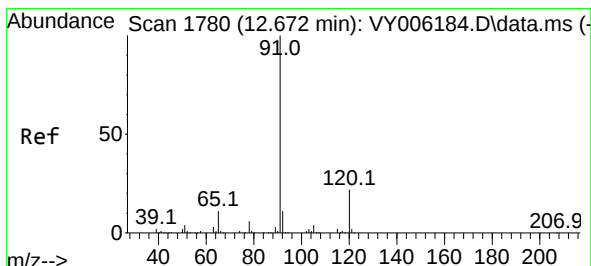
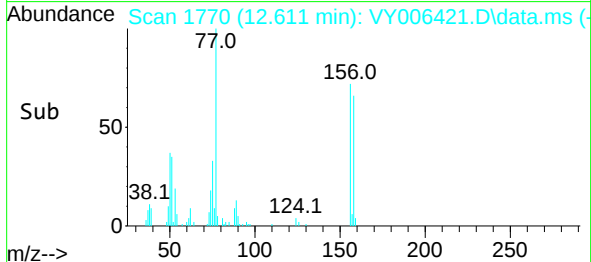
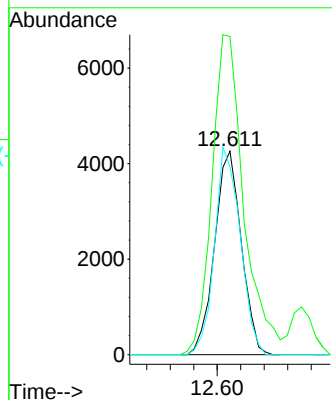
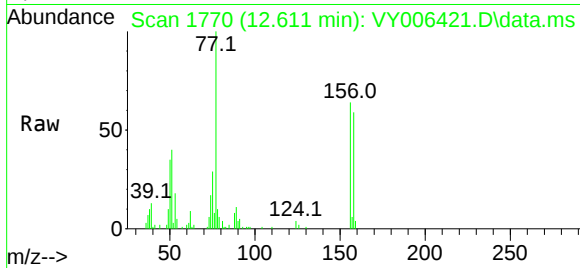




#77
Bromobenzene
Concen: 4.258 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

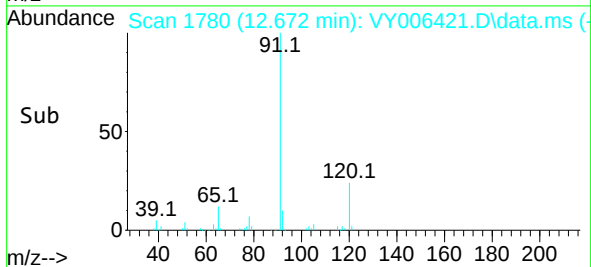
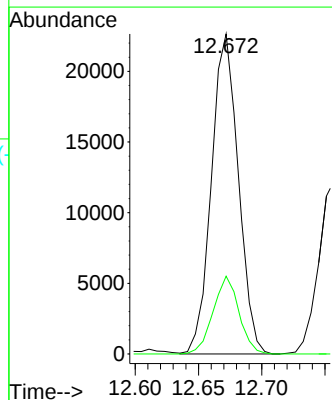
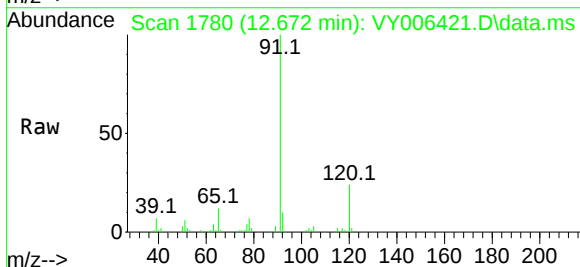
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

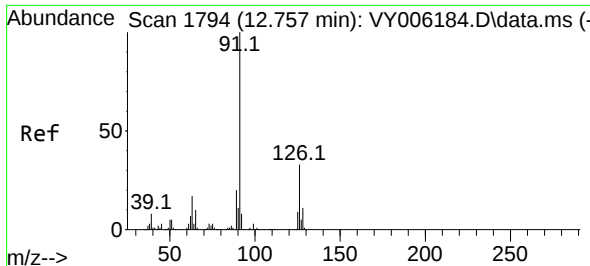
Tgt Ion:156 Resp: 6747
Ion Ratio Lower Upper
156 100
77 186.4 95.5 286.4
158 97.8 48.0 144.0



#78
n-propylbenzene
Concen: 4.026 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 91 Resp: 33493
Ion Ratio Lower Upper
91 100
120 23.3 11.3 33.9

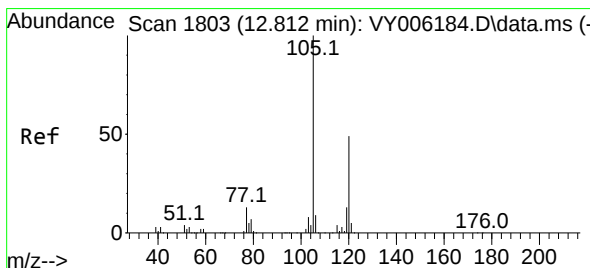
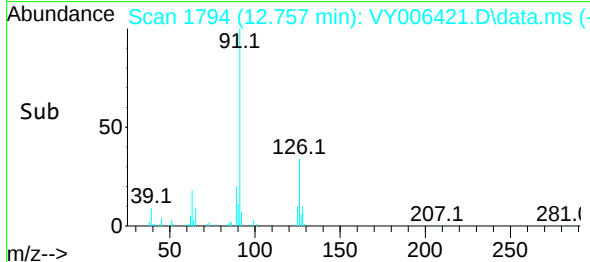
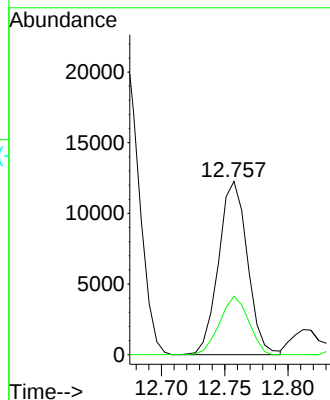
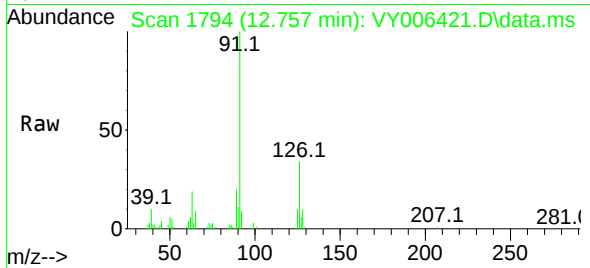




#79
2-Chlorotoluene
Concen: 4.230 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

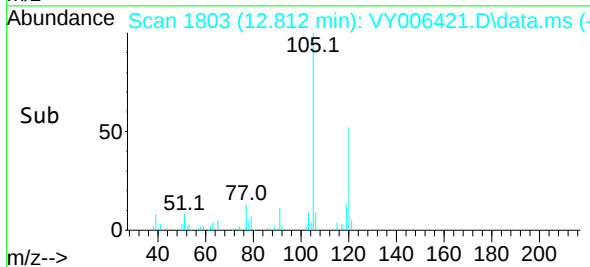
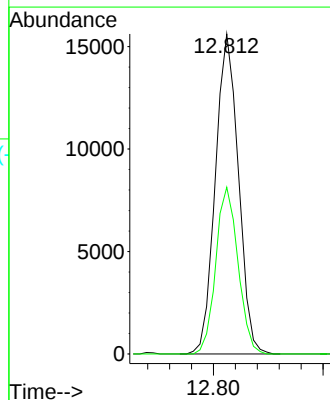
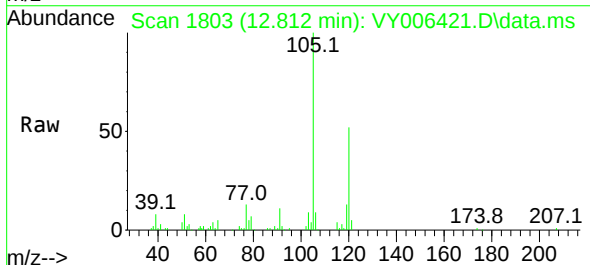
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

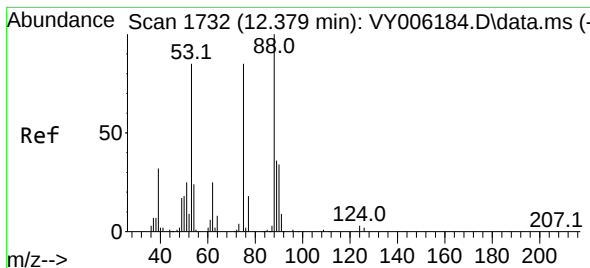
Tgt Ion: 91 Resp: 19475
Ion Ratio Lower Upper
91 100
126 33.7 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 4.033 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

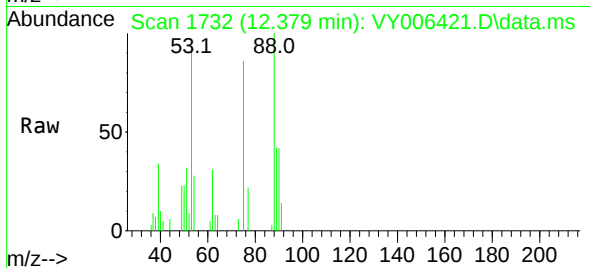
Tgt Ion: 105 Resp: 22793
Ion Ratio Lower Upper
105 100
120 50.2 24.4 73.4



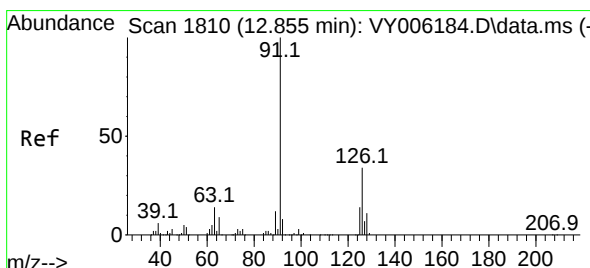
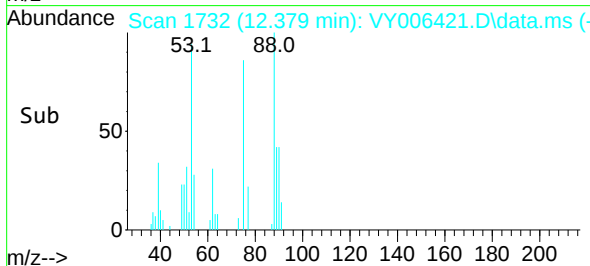
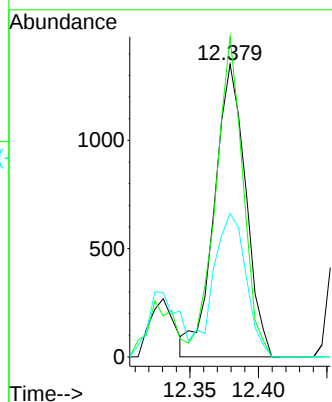


#81
trans-1,4-Dichloro-2-butene
Concen: 4.605 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

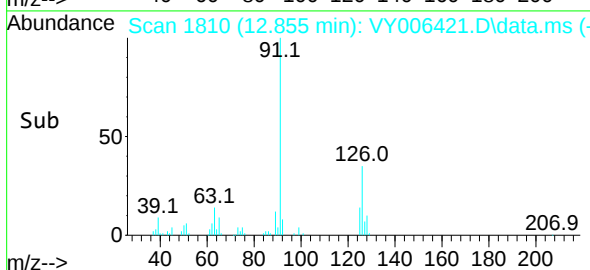
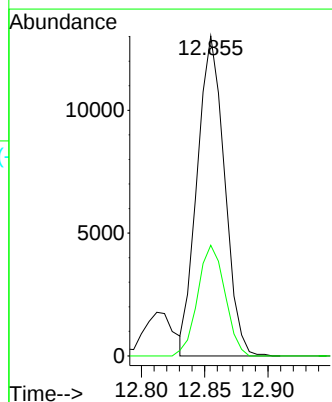
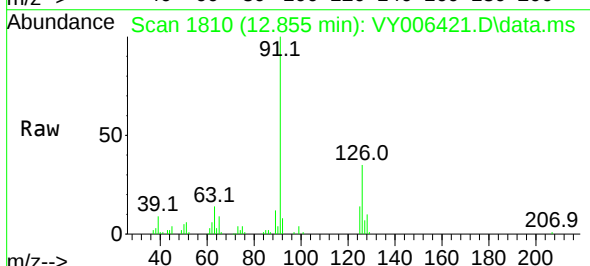


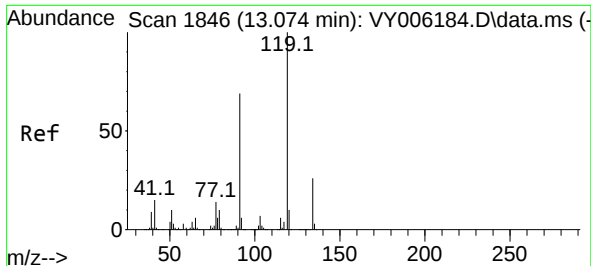
Tgt Ion: 75 Resp: 2149
Ion Ratio Lower Upper
75 100
53 95.2 85.3 127.9
89 51.1 37.0 55.4



#82
4-Chlorotoluene
Concen: 4.114 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion: 91 Resp: 19589
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0

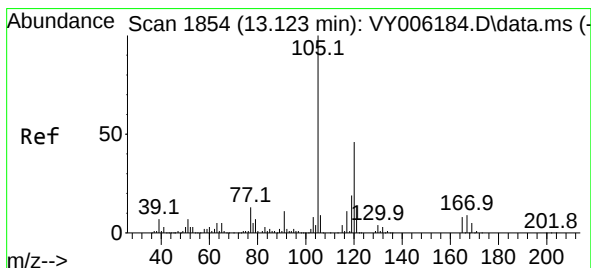
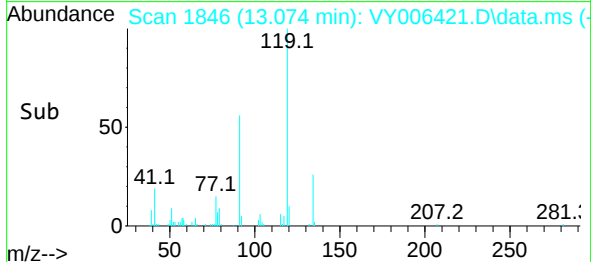
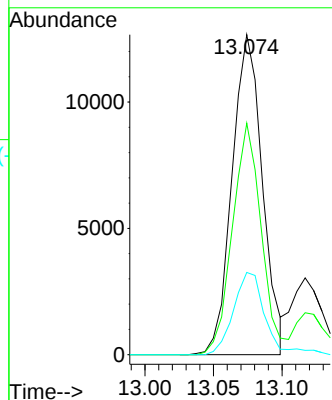
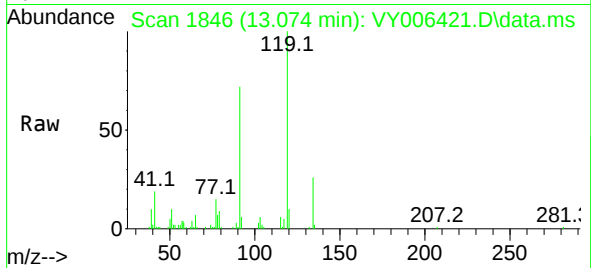




#83
tert-Butylbenzene
Concen: 4.035 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

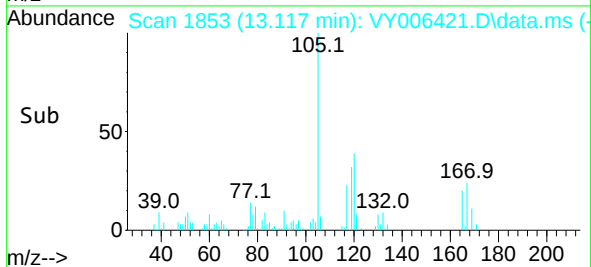
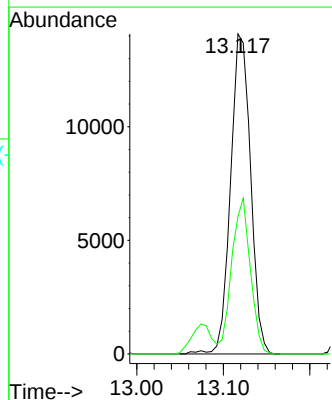
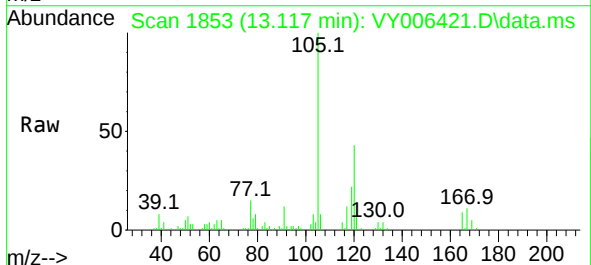
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

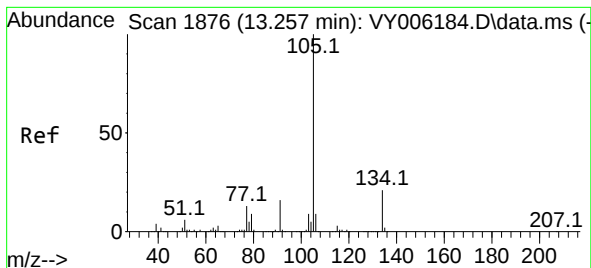
Tgt Ion:119 Resp: 19496
Ion Ratio Lower Upper
119 100
91 69.1 34.8 104.4
134 26.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.050 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:105 Resp: 22604
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.053 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

Tgt Ion:105 Resp: 29598

Ion Ratio Lower Upper

105 100

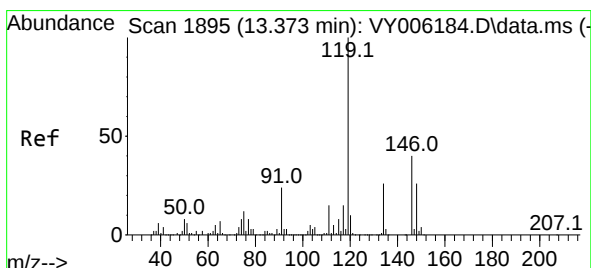
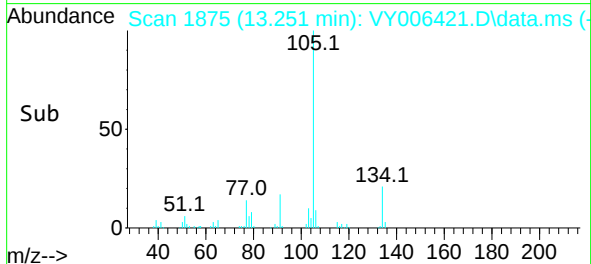
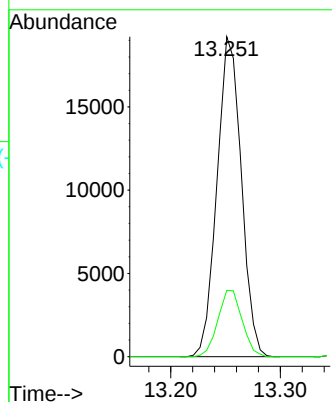
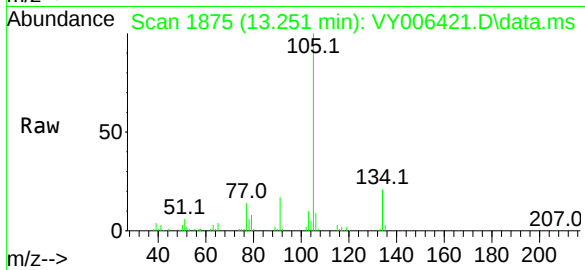
134 20.7 10.2 30.4

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2021



#86

p-Isopropyltoluene

Concen: 3.904 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

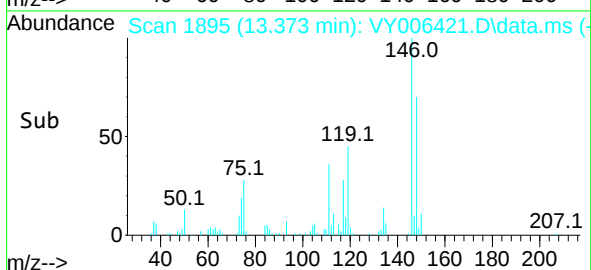
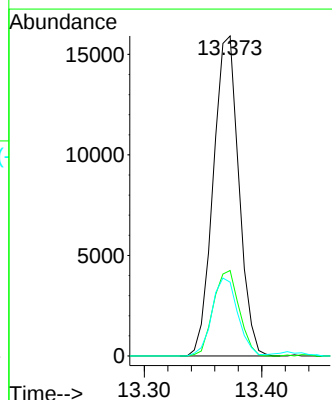
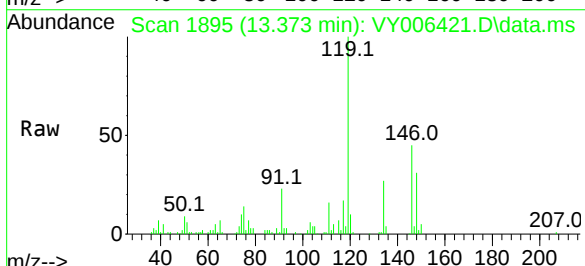
Tgt Ion:119 Resp: 24053

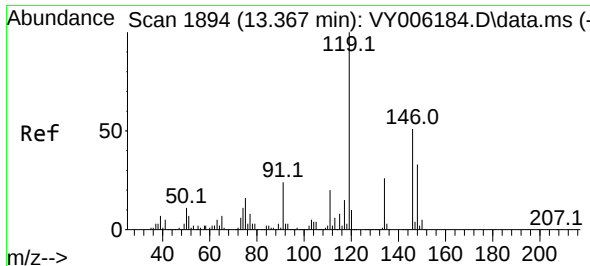
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.5

91 24.8 12.4 37.2

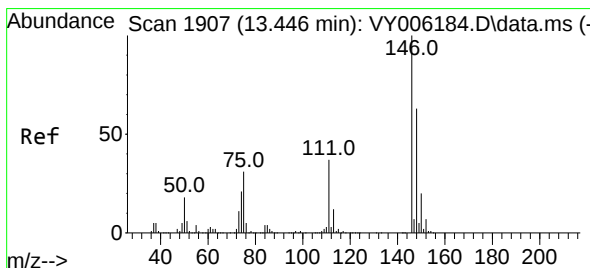
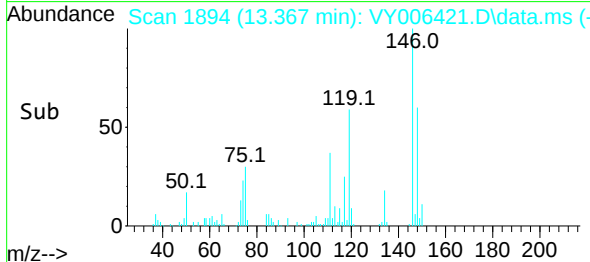
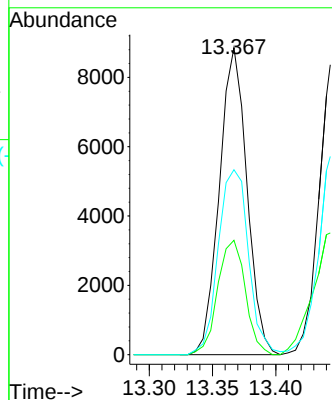
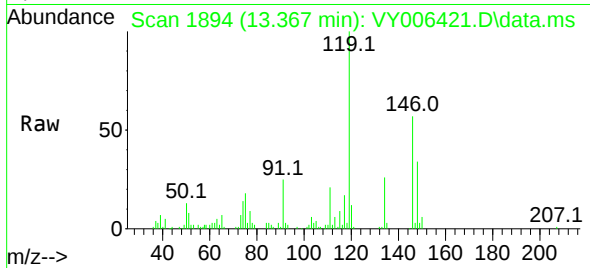




#87
1,3-Dichlorobenzene
Concen: 4.277 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

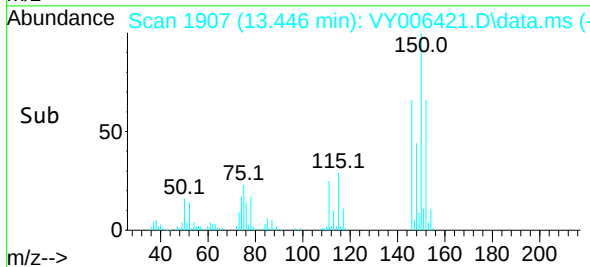
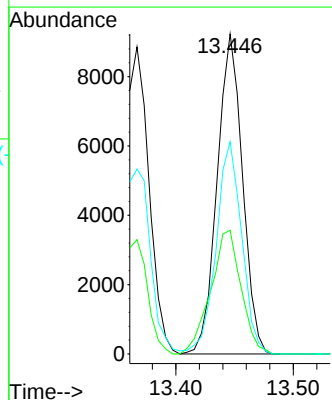
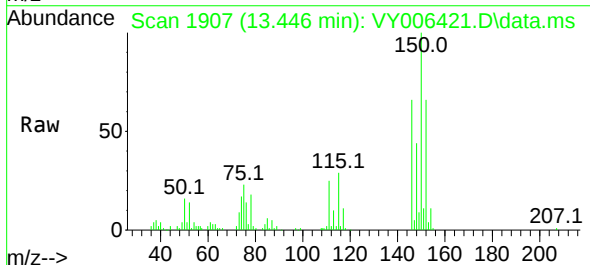
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

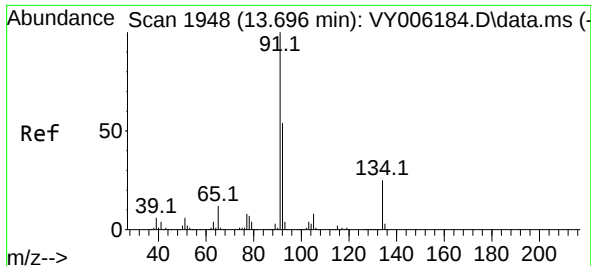
Tgt Ion:146 Resp: 13430
Ion Ratio Lower Upper
146 100
111 37.4 19.5 58.5
148 66.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 4.472 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:146 Resp: 13844
Ion Ratio Lower Upper
146 100
111 46.3 19.3 57.8
148 67.1 32.6 97.8

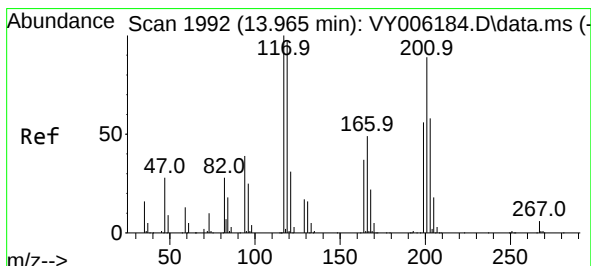
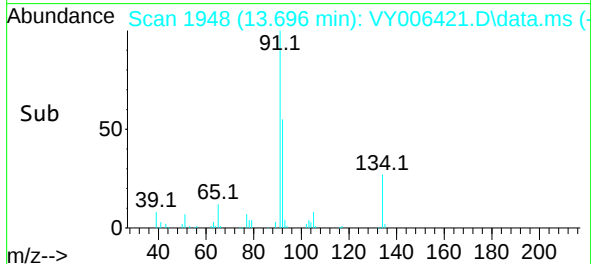
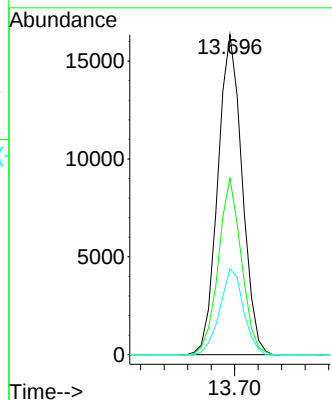
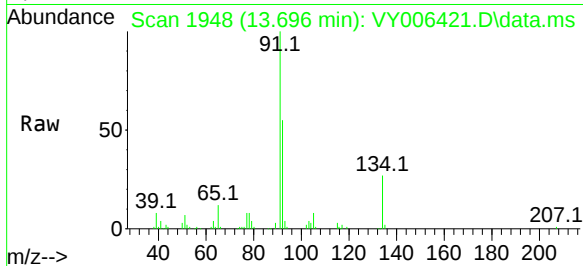




#89
n-Butylbenzene
Concen: 4.010 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

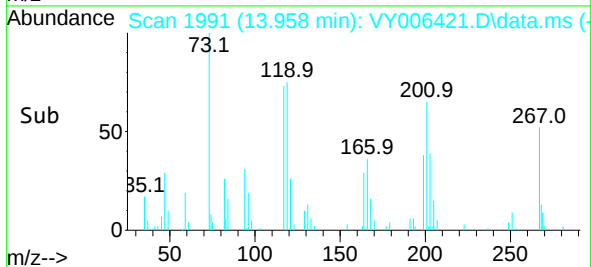
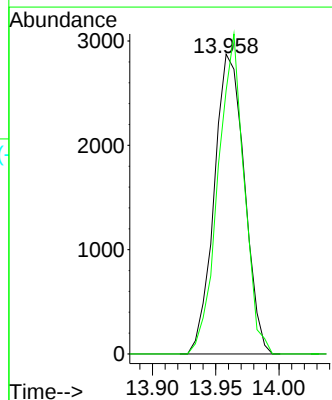
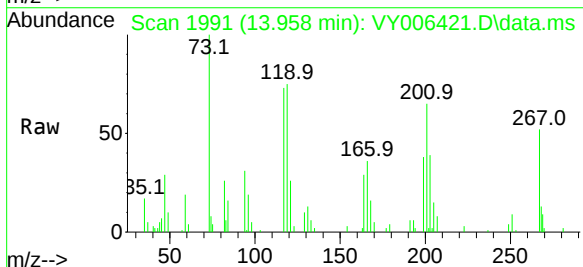
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

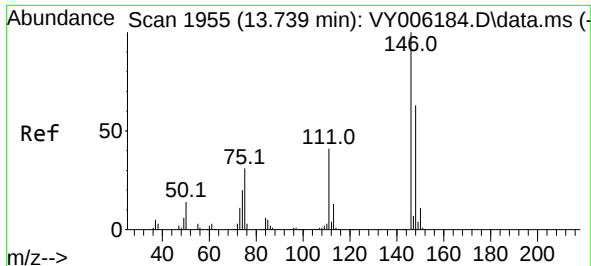
Tgt Ion:	91	Resp:	23479
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	26.1	13.0	38.9



#90
Hexachloroethane
Concen: 4.271 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	117	Resp:	4779
Ion	Ratio	Lower	Upper
117	100		
201	92.0	43.0	128.8

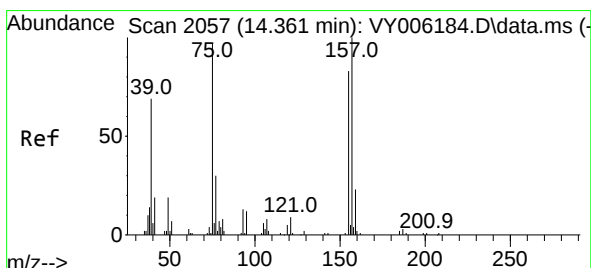
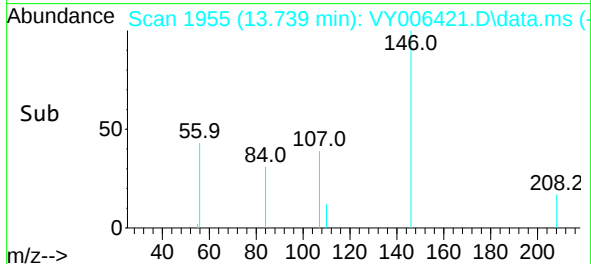
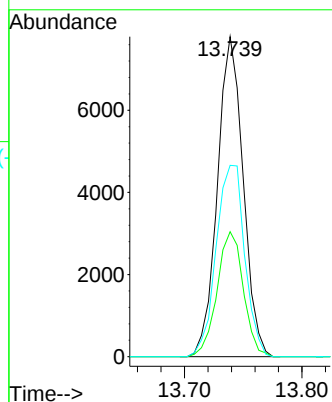
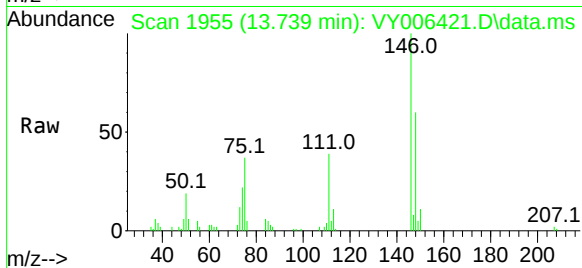




#91
1,2-Dichlorobenzene
Concen: 4.321 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

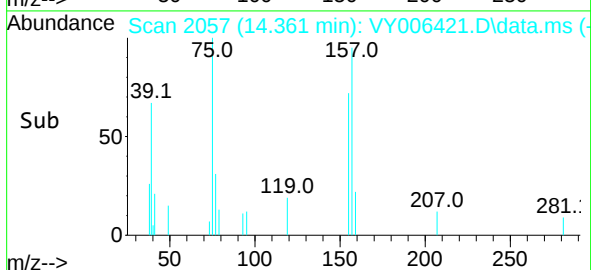
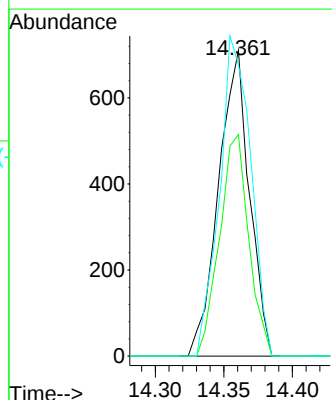
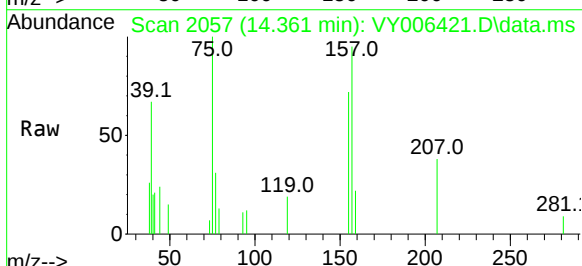
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

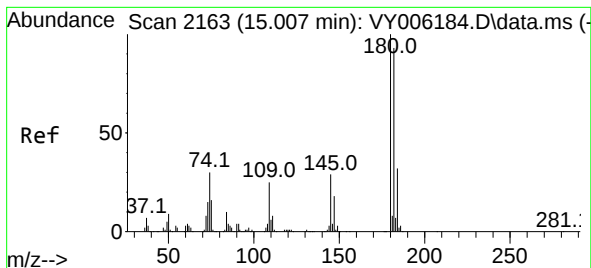
Tgt Ion:	146	Resp:	11862
Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.9
148	66.5	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.782 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:	75	Resp:	1112
Ion	Ratio	Lower	Upper
75	100		
155	68.3	38.0	113.9
157	106.1	47.8	143.3





#93

1,2,4-Trichlorobenzene

Concen: 4.222 ug/l

RT: 15.007 min Scan# 2163

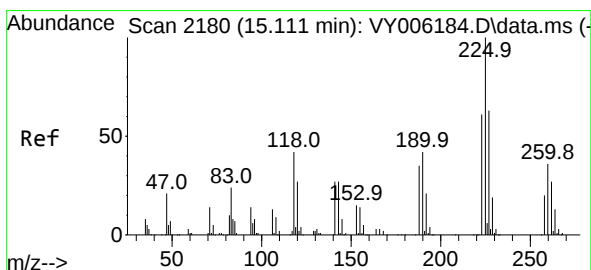
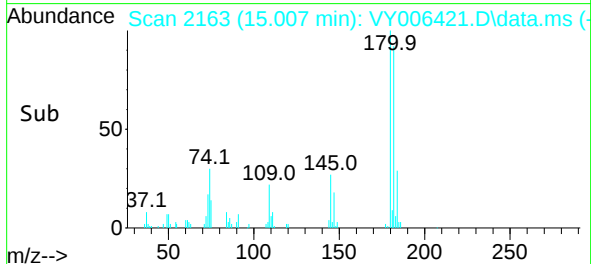
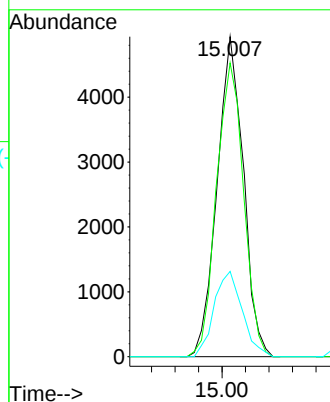
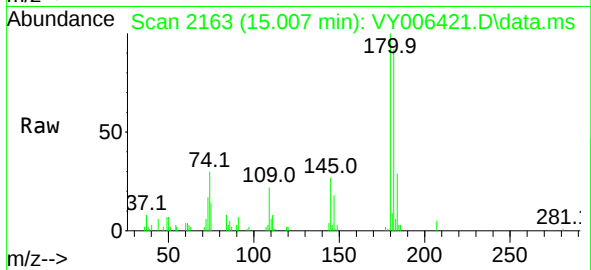
Delta R.T. -0.000 min

Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

Tgt Ion:	180	Resp:	7659
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.3	141.9
145	28.6	14.6	43.8

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021



#94

Hexachlorobutadiene

Concen: 4.495 ug/l

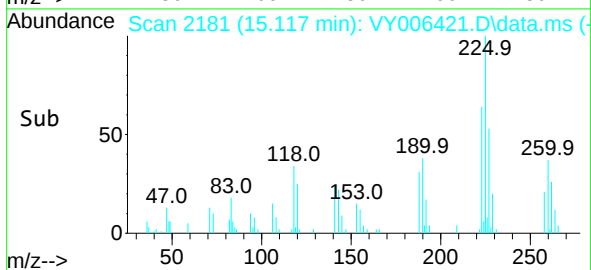
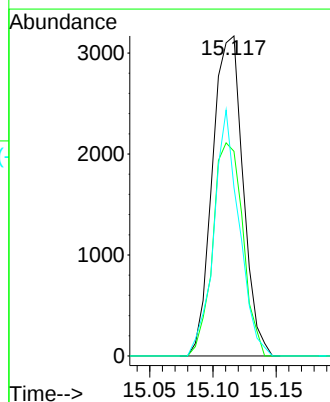
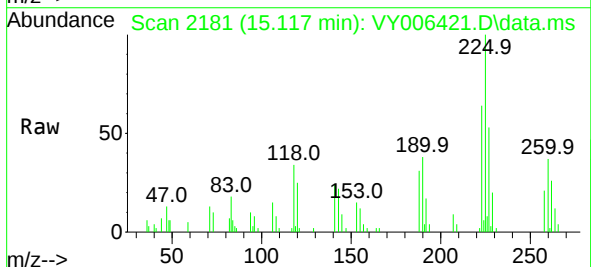
RT: 15.117 min Scan# 2181

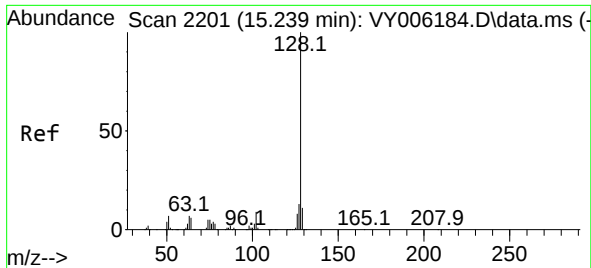
Delta R.T. 0.006 min

Lab File: VY006421.D

Acq: 19 Oct 2021 12:22

Tgt Ion:	225	Resp:	5320
Ion Ratio	Lower	Upper	
225	100		
223	65.5	30.8	92.3
227	63.7	31.6	94.7

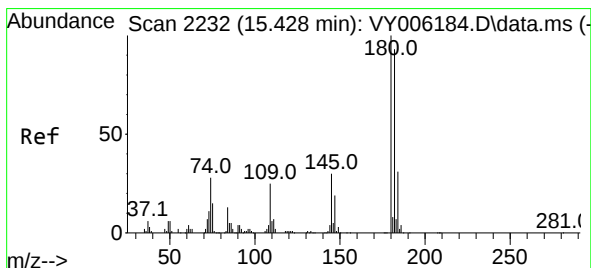
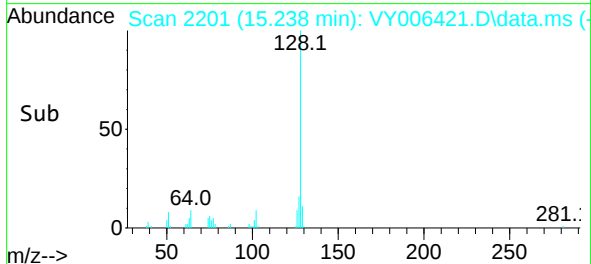
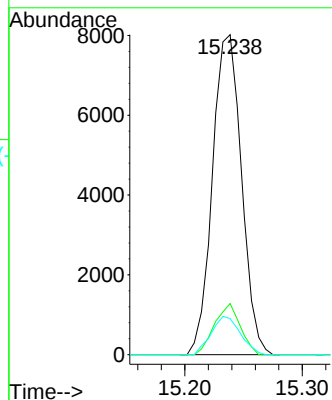
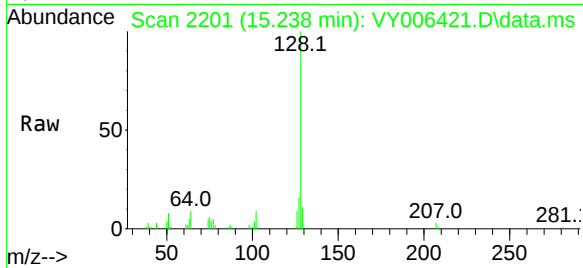




#95
Naphthalene
Concen: 3.820 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

Tgt Ion:128	Resp:	13770
Ion Ratio	Lower	Upper
128	100	
127	14.2	11.0 16.4
129	12.0	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 4.210 ug/l
RT: 15.427 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY006421.D
Acq: 19 Oct 2021 12:22

Tgt Ion:180	Resp:	6769
Ion Ratio	Lower	Upper
180	100	
182	91.1	47.3 141.9
145	29.3	15.3 45.9

