

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101921\
 Data File : VY006420.D
 Acq On : 19 Oct 2021 12:00
 Operator : SY/MD
 Sample : M4068-03 2.5PPBMDL
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Oct 20 04:25:20 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	128261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	200141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	182864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91647	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67213	48.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.920%
35) Dibromofluoromethane	7.722	113	50645	47.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.720%
50) Toluene-d8	10.185	98	204159	45.621	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.240%
62) 4-Bromofluorobenzene	12.483	95	67813	44.606	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.220%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	3297	2.534	ug/l	96
3) Chloromethane	2.119	50	4137	2.730	ug/l	96
4) Vinyl Chloride	2.253	62	4844	2.884	ug/l	97
5) Bromomethane	2.662	94	3457	3.167	ug/l	95
6) Chloroethane	2.796	64	2822	2.856	ug/l	93
7) Trichlorofluoromethane	3.143	101	5795	2.620	ug/l	88
8) Diethyl Ether	3.540	74	1710	2.340	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.905	101	2911	2.465	ug/l	95
10) Methyl Iodide	4.101	142	2872	2.232	ug/l #	94
11) Tert butyl alcohol	4.954	59	1971	16.414	ug/l #	77
12) 1,1-Dichloroethene	3.881	96	2994	2.492	ug/l #	79
13) Acrolein	3.741	56	722	9.442	ug/l	94
14) Allyl chloride	4.491	41	5417	2.345	ug/l	94
15) Acrylonitrile	5.174	53	4495	11.697	ug/l	97
16) Acetone	3.960	43	4624	12.060	ug/l	97
17) Carbon Disulfide	4.204	76	9835	2.448	ug/l #	95
18) Methyl Acetate	4.491	43	3671	2.839	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	7804	2.225	ug/l	98
20) Methylene Chloride	4.728	84	11648	7.806	ug/l #	91
21) trans-1,2-Dichloroethene	5.222	96	3242	2.434	ug/l	98
22) Diisopropyl ether	6.137	45	10159	2.223	ug/l	92
23) Vinyl Acetate	6.070	43	28349	10.348	ug/l	97
24) 1,1-Dichloroethane	6.021	63	6291	2.564	ug/l	94
25) 2-Butanone	6.996	43	5610	10.504	ug/l	94
26) 2,2-Dichloropropane	6.984	77	5693	2.537	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	3728	2.499	ug/l	93
28) Bromochloromethane	7.344	49	2429	2.378	ug/l #	92
29) Tetrahydrofuran	7.350	42	3824	11.335	ug/l	95
30) Chloroform	7.508	83	6615	2.703	ug/l	87
31) Cyclohexane	7.789	56	8000	3.076	ug/l #	65
32) 1,1,1-Trichloroethane	7.710	97	5609	2.482	ug/l	98
36) 1,1-Dichloropropene	7.923	75	4792	2.406	ug/l	97
37) Ethyl Acetate	7.088	43	2492	2.148	ug/l #	92
38) Carbon Tetrachloride	7.911	117	5509	2.620	ug/l	91
39) Methylcyclohexane	9.191	83	5740	2.295	ug/l	91
40) Benzene	8.167	78	14124	2.500	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	1621	2.154	ug/l #	27
42) 1,2-Dichloroethane	8.246	62	4695	2.579	ug/l	99
43) Isopropyl Acetate	8.277	43	4823	2.168	ug/l	95
44) Trichloroethene	8.941	130	3717	2.547	ug/l	86
45) 1,2-Dichloropropane	9.215	63	3409	2.451	ug/l	97
46) Dibromomethane	9.307	93	1774	2.395	ug/l	96
47) Bromodichloromethane	9.496	83	4801	2.518	ug/l #	93
48) Methyl methacrylate	9.301	41	2362	2.213	ug/l	92
49) 1,4-Dioxane	9.307	88	476	49.264	ug/l #	83
51) 4-Methyl-2-Pentanone	10.075	43	11705	10.132	ug/l	97
52) Toluene	10.246	92	8645	2.467	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	4768	2.293	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	5242	2.293	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	2396	2.299	ug/l	90
56) Ethyl methacrylate	10.514	69	3470	2.191	ug/l	92
57) 1,3-Dichloropropane	10.788	76	4145	2.198	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.789	63	9028	11.633	ug/l	97
59) 2-Hexanone	10.831	43	8271	10.052	ug/l	97
60) Dibromochloromethane	10.983	129	3096	2.445	ug/l	100
61) 1,2-Dibromoethane	11.093	107	2226	2.256	ug/l	100
64) Tetrachloroethene	10.727	164	4051	2.751	ug/l	86
65) Chlorobenzene	11.520	112	8942	2.468	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.593	131	3266	2.446	ug/l	98
67) Ethyl Benzene	11.593	91	15920	2.331	ug/l	96
68) m/p-Xylenes	11.703	106	12144	4.686	ug/l	98
69) o-Xylene	12.032	106	5661	2.313	ug/l	95
70) Styrene	12.044	104	9139	2.199	ug/l	97
71) Bromoform	12.209	173	1932	2.327	ug/l #	99
73) Isopropylbenzene	12.331	105	14687	2.237	ug/l	99
74) N-amyl acetate	12.148	43	3941	1.934	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	2431	2.050	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	3903	4.382	ug/l #	100
77) Bromobenzene	12.611	156	3891	2.528	ug/l	92
78) n-propylbenzene	12.672	91	19087	2.362	ug/l	99
79) 2-Chlorotoluene	12.758	91	10570	2.364	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	12557	2.288	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	39564	87.284	ug/l #	7
82) 4-Chlorotoluene	12.855	91	10702	2.314	ug/l	96
83) tert-Butylbenzene	13.075	119	11225	2.392	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	12156	2.243	ug/l	95
85) sec-Butylbenzene	13.251	105	15962	2.251	ug/l	96
86) p-Isopropyltoluene	13.373	119	13474	2.251	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	7599	2.492	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	7687	2.556	ug/l	88
89) n-Butylbenzene	13.696	91	13076	2.299	ug/l	99
90) Hexachloroethane	13.959	117	2445	2.250	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	6589	2.471	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	555	2.457	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	4406	2.500	ug/l	97
94) Hexachlorobutadiene	15.111	225	3039	2.644	ug/l	95
95) Naphthalene	15.239	128	7590	2.168	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	3807	2.438	ug/l	97

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MDL-SOIL-03-QT4-2021

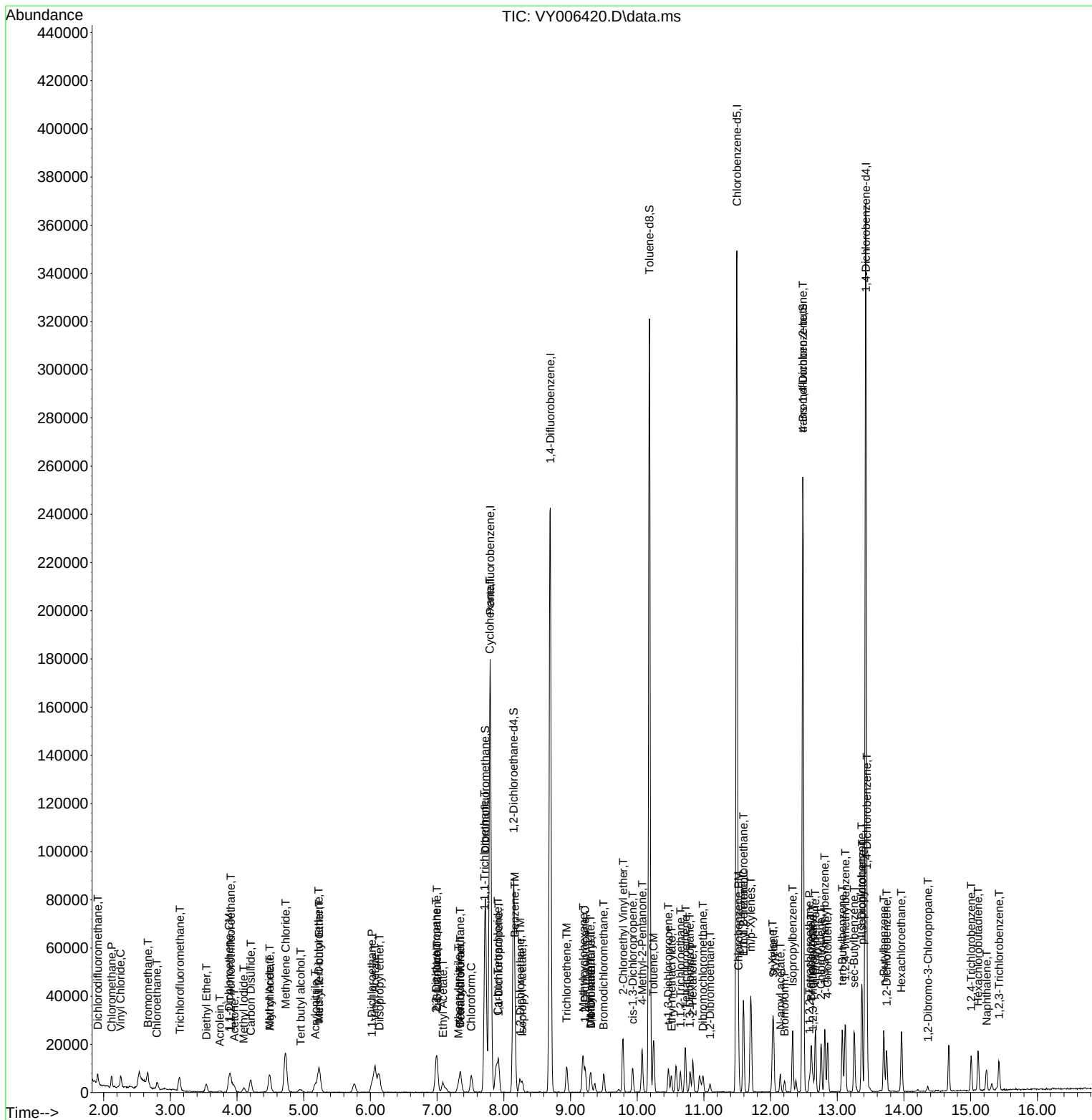
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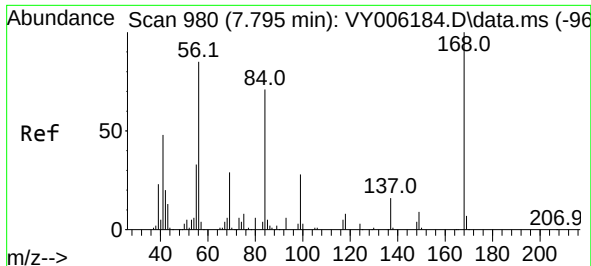
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-OT4-2021

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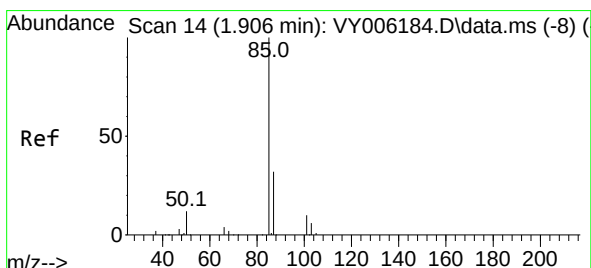
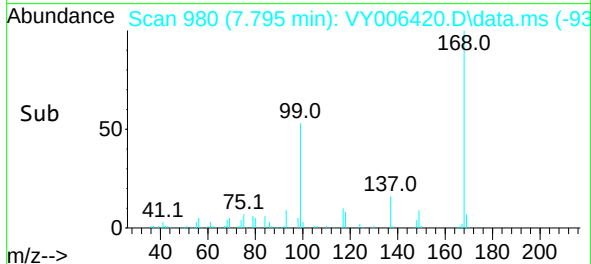
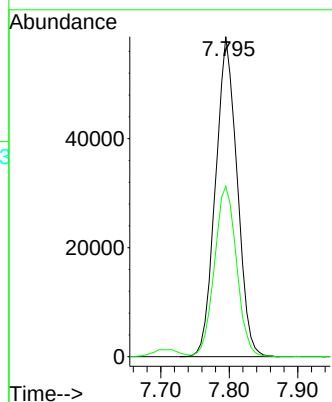
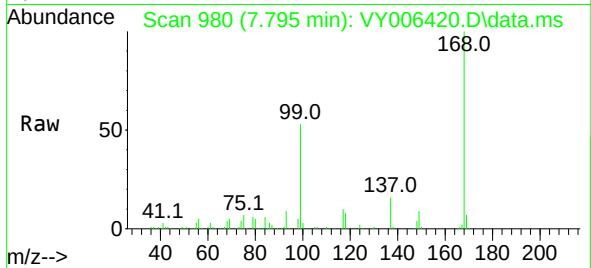




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

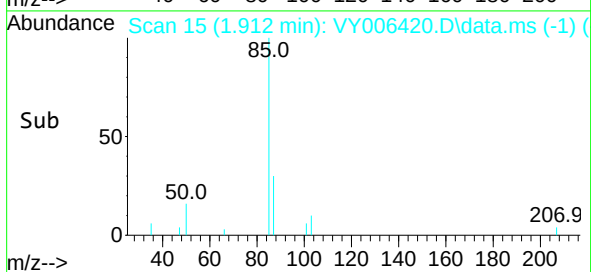
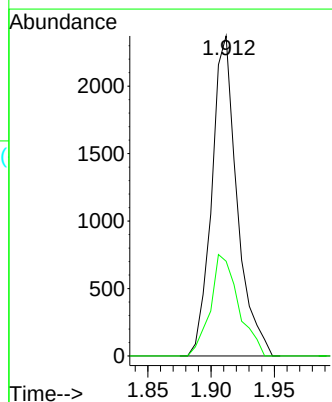
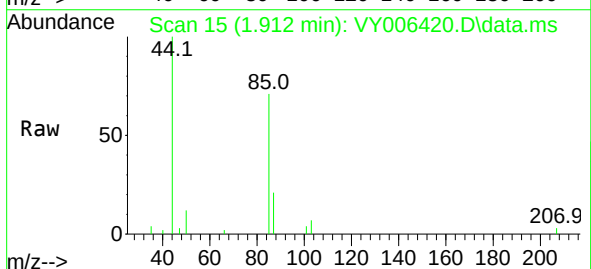
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT4-2021

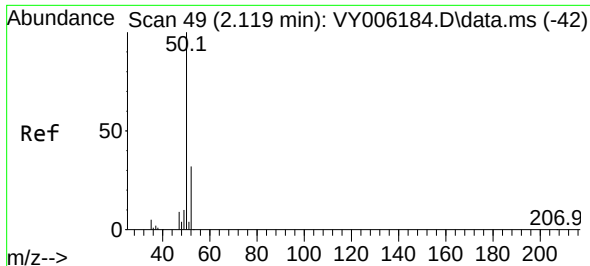
Tgt Ion:168 Resp: 128261
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 2.534 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 85 Resp: 3297
Ion Ratio Lower Upper
85 100
87 29.6 16.1 48.2

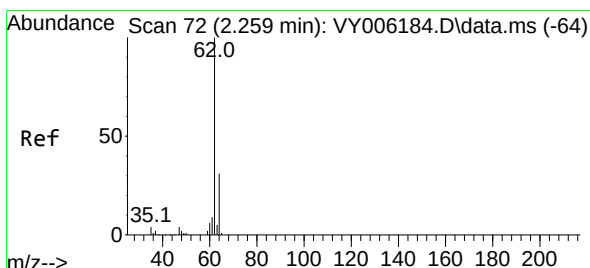
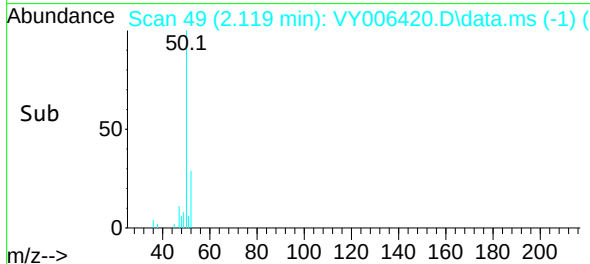
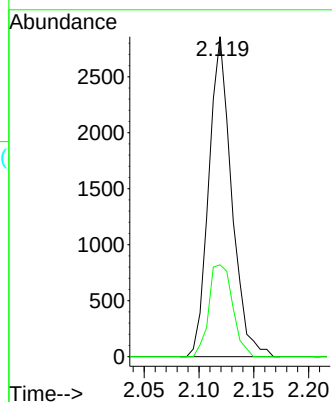
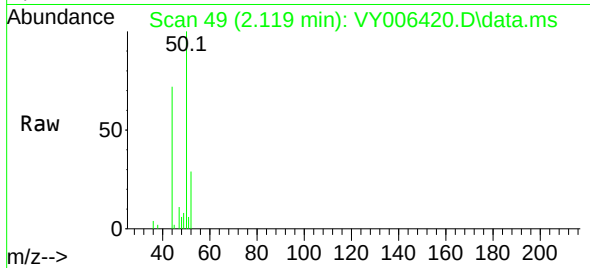




#3
Chloromethane
Concen: 2.730 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

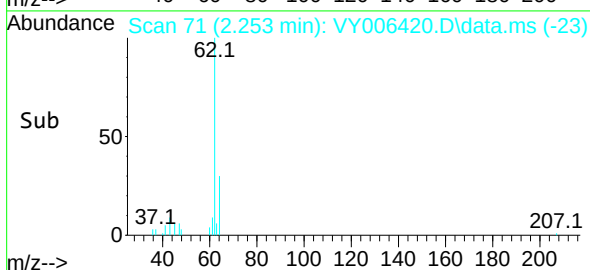
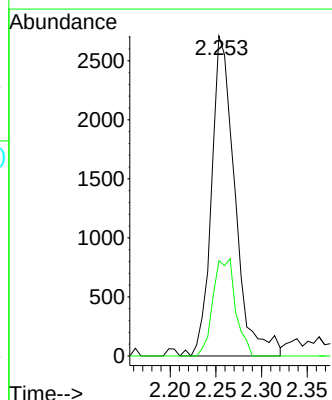
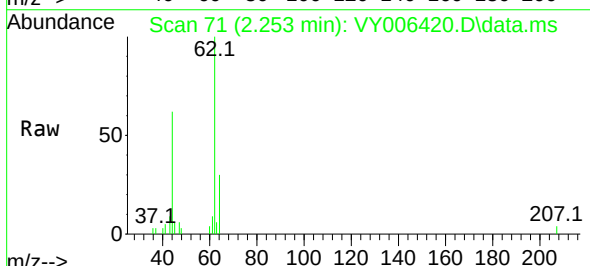
Instrument :
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ClientSampleId :
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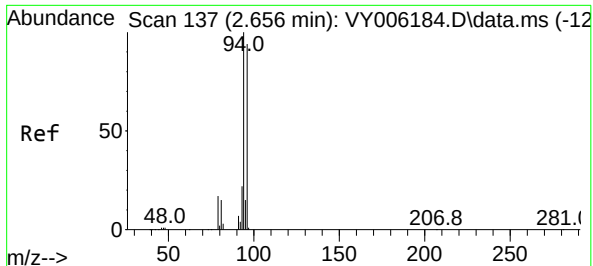
Tgt Ion: 50 Resp: 4137
Ion Ratio Lower Upper
50 100
52 28.7 24.6 37.0



#4
Vinyl Chloride
Concen: 2.884 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 62 Resp: 4844
Ion Ratio Lower Upper
62 100
64 29.7 25.0 37.6

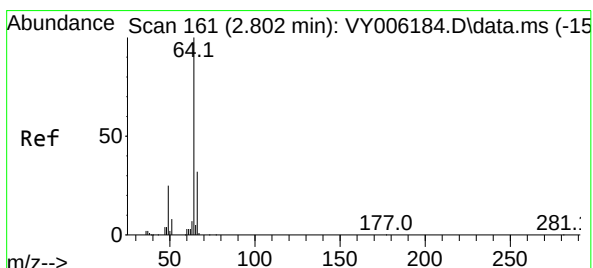
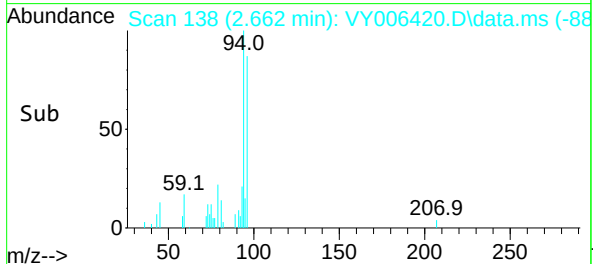
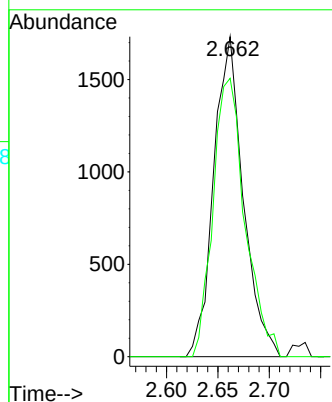
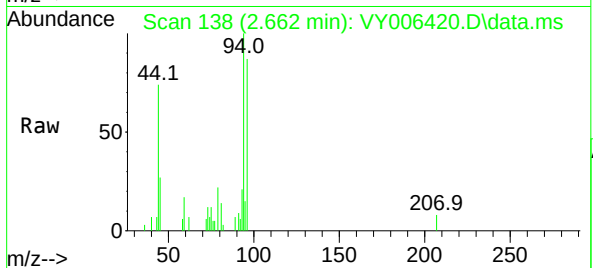




#5
Bromomethane
Concen: 3.167 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

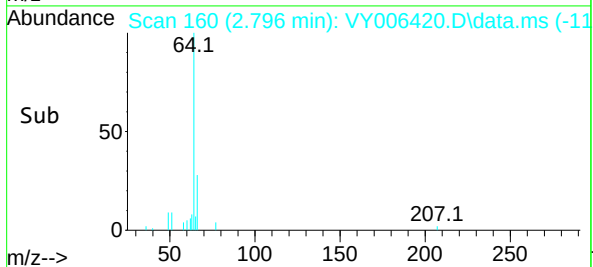
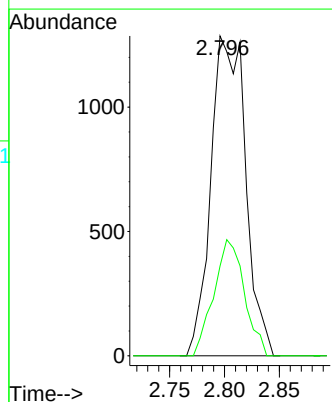
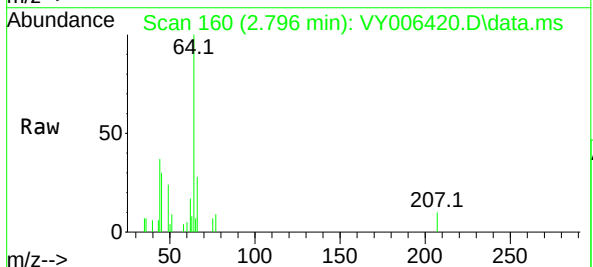
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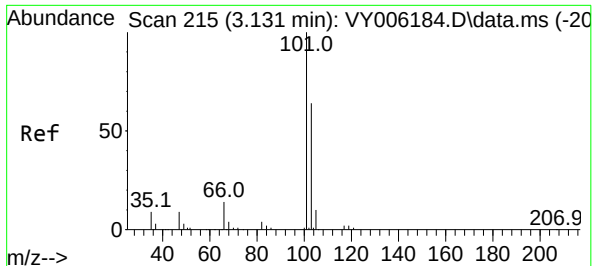
Tgt Ion: 94 Resp: 3457
Ion Ratio Lower Upper
94 100
96 87.0 73.5 110.3



#6
Chloroethane
Concen: 2.856 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 64 Resp: 2822
Ion Ratio Lower Upper
64 100
66 28.1 25.4 38.0

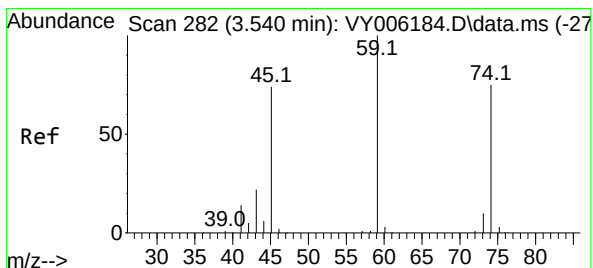
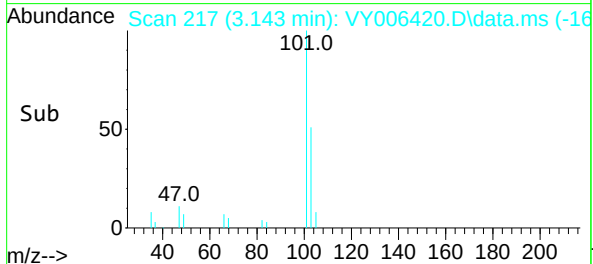
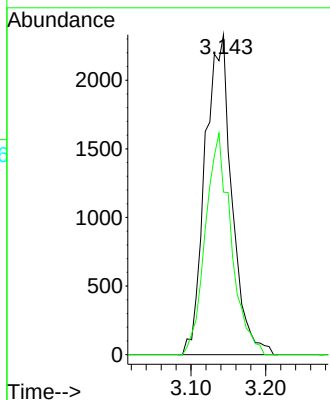
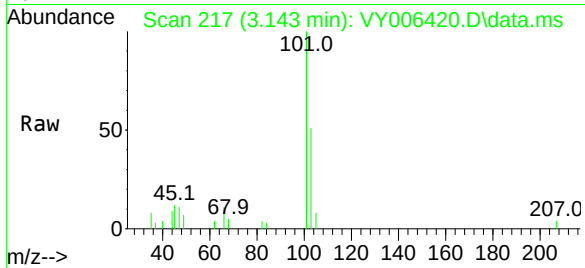




#7
Trichlorofluoromethane
Concen: 2.620 ug/l
RT: 3.143 min Scan# 217
Delta R.T. 0.012 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

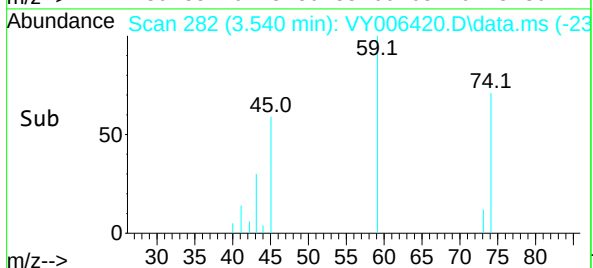
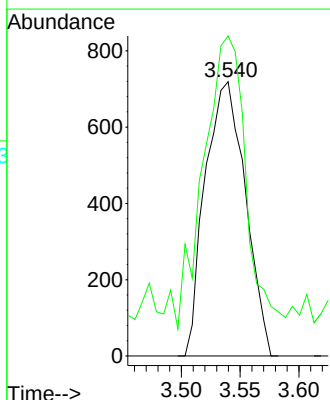
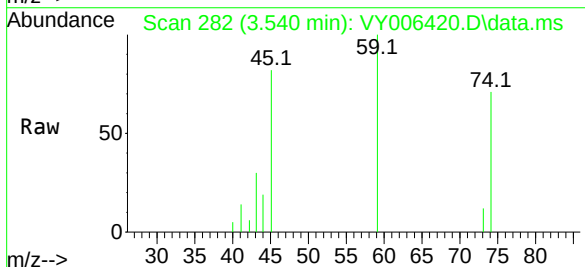
Instrument :
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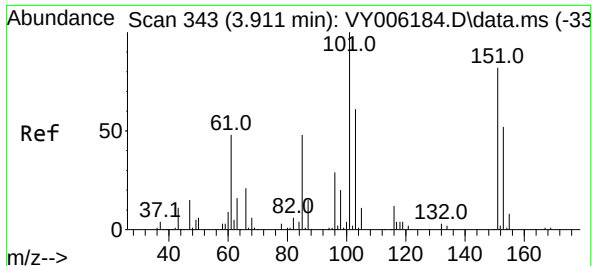
Tgt Ion:101 Resp: 5795
Ion Ratio Lower Upper
101 100
103 50.8 48.0 72.0



#8
Diethyl Ether
Concen: 2.340 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 74 Resp: 1710
Ion Ratio Lower Upper
74 100
45 102.4 55.1 165.5

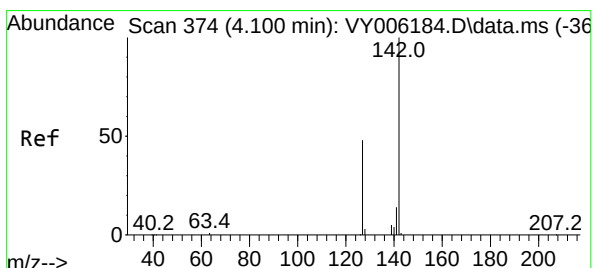
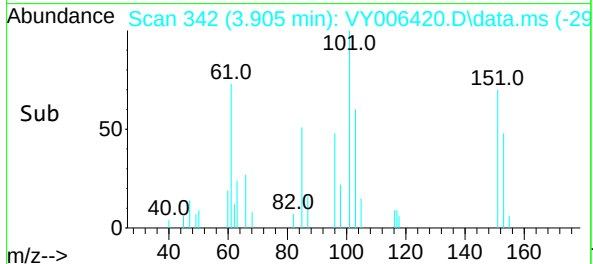
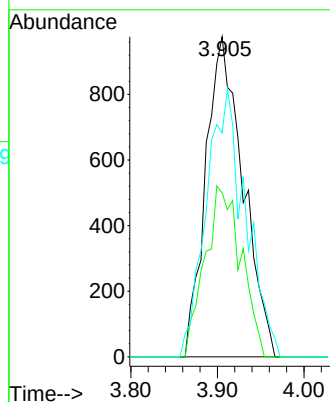
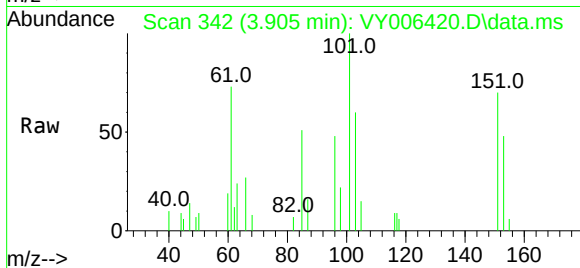




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.465 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

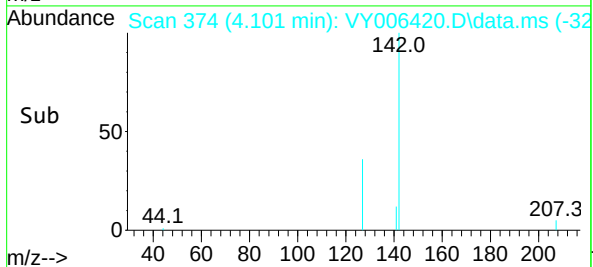
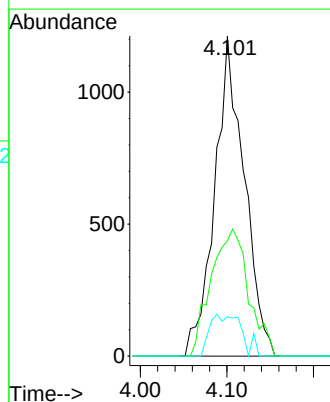
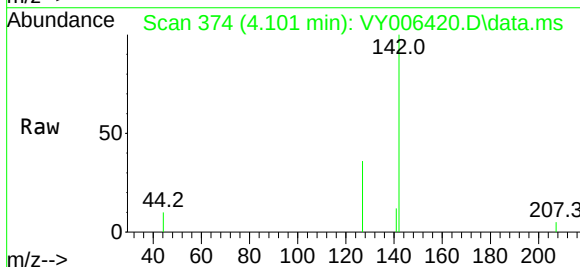
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

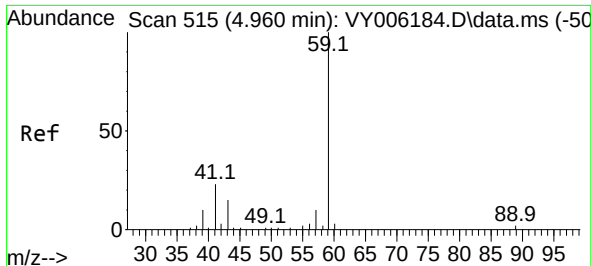
Tgt Ion:	101	Resp:	2911
Ion	Ratio	Lower	Upper
101	100		
85	51.9	40.6	60.8
151	87.9	64.9	97.3



#10
Methyl Iodide
Concen: 2.232 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.001 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion:	142	Resp:	2872
Ion	Ratio	Lower	Upper
142	100		
127	50.3	41.5	62.3
141	6.3	11.9	17.9

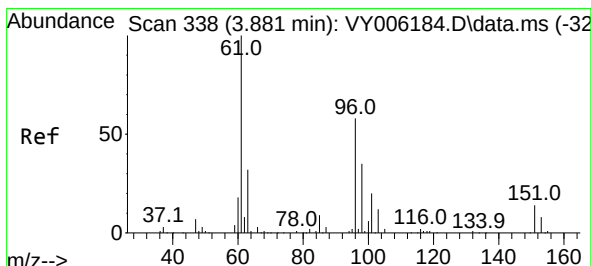
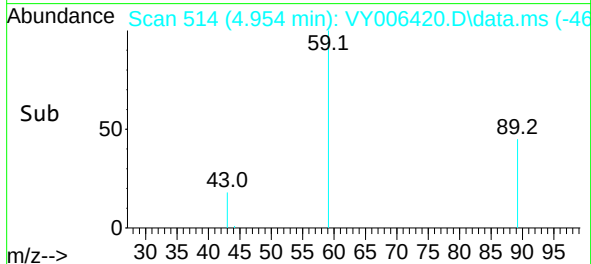
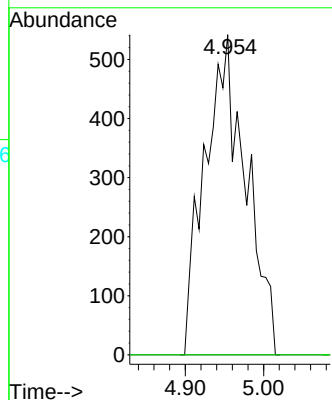
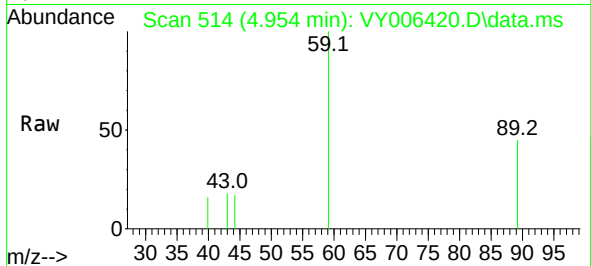




#11
Tert butyl alcohol
Concen: 16.414 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

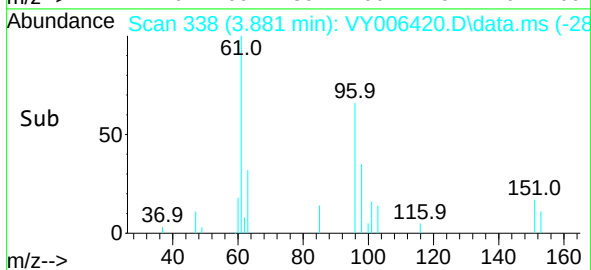
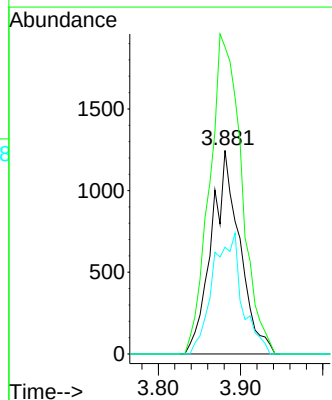
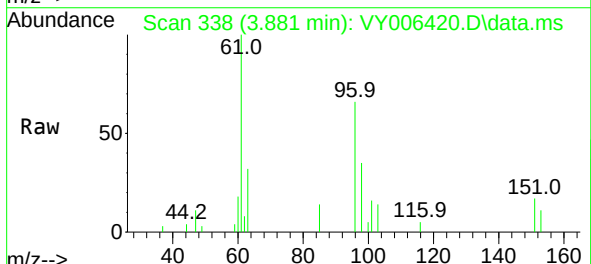
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

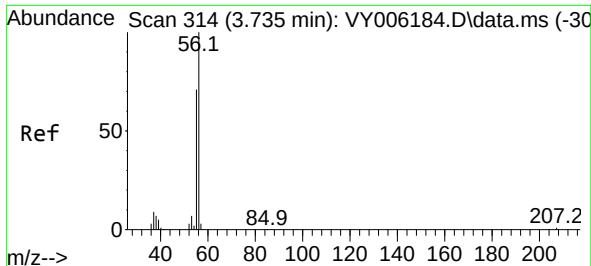
Tgt Ion: 59 Resp: 1971
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 2.492 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 96 Resp: 2994
Ion Ratio Lower Upper
96 100
61 150.9 145.8 218.6
98 52.4 52.5 78.7#

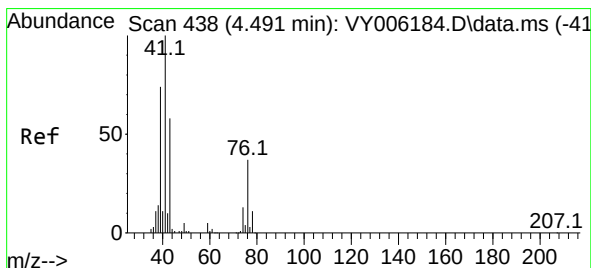
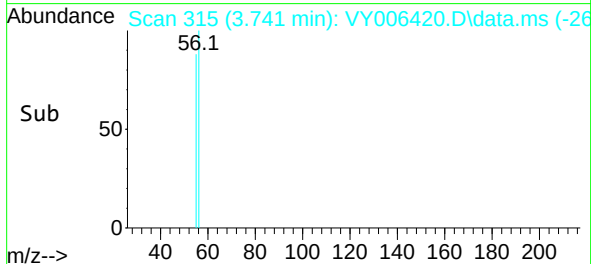
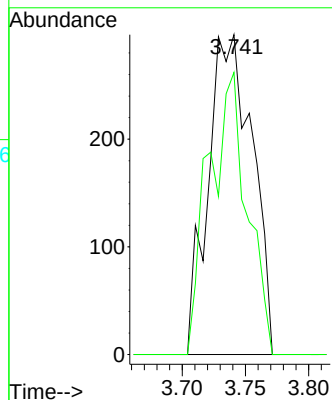
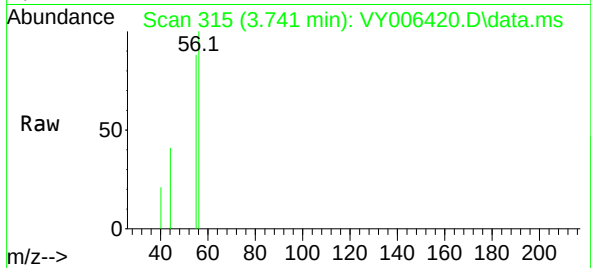




#13
Acrolein
Concen: 9.442 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

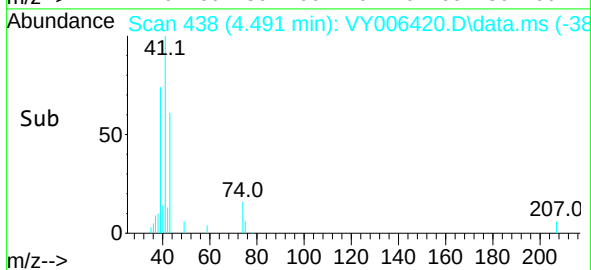
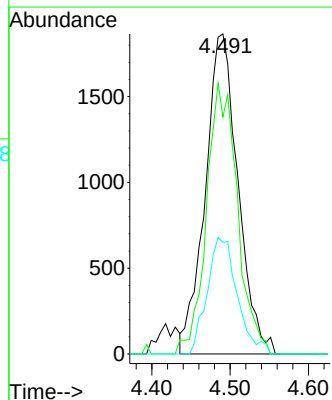
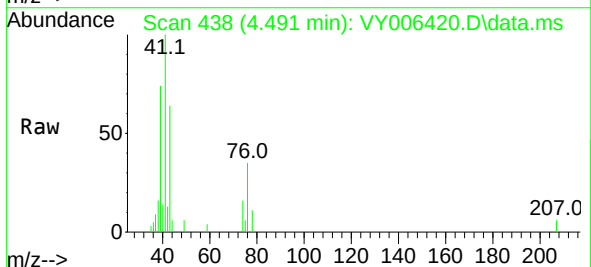
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

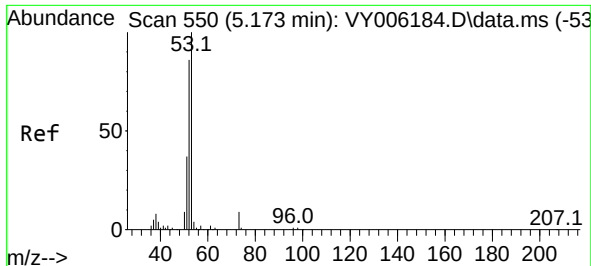
Tgt Ion: 56 Resp: 722
Ion Ratio Lower Upper
56 100
55 77.0 57.6 86.4



#14
Allyl chloride
Concen: 2.345 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

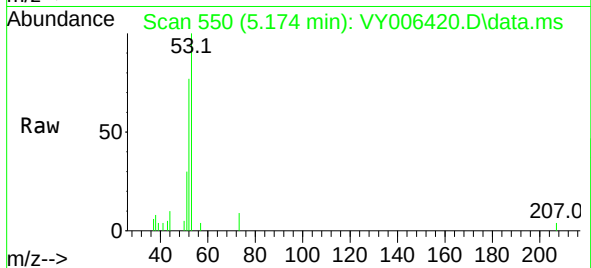
Tgt Ion: 41 Resp: 5417
Ion Ratio Lower Upper
41 100
39 79.9 58.8 88.2
76 33.4 25.1 37.7



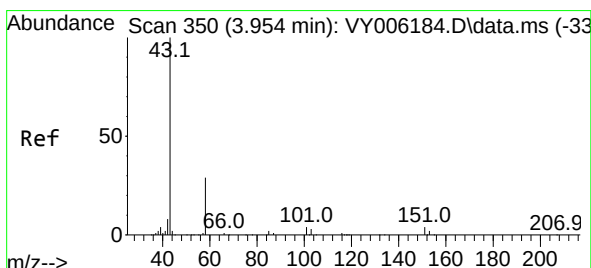
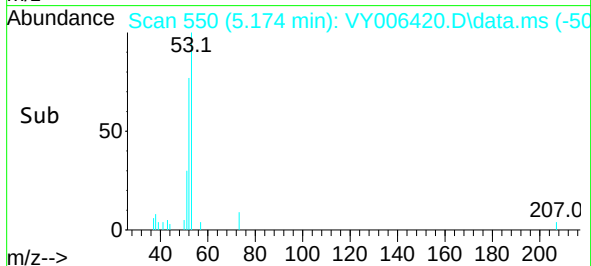
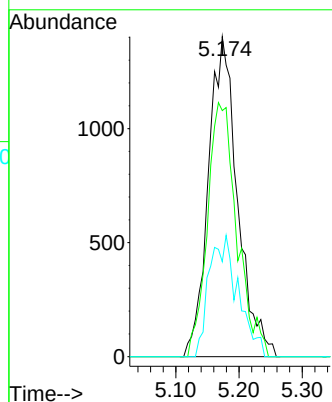


#15
Acrylonitrile
Concen: 11.697 ug/l
RT: 5.174 min Scan# 550
Delta R.T. 0.001 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

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

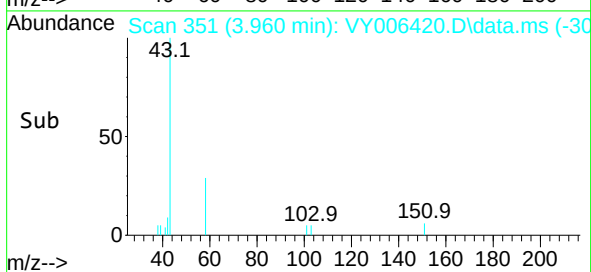
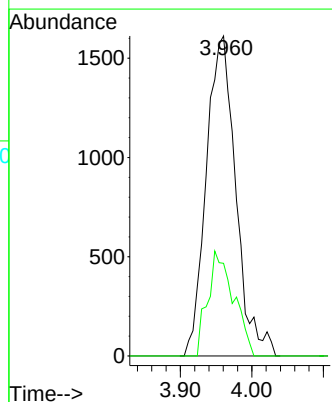
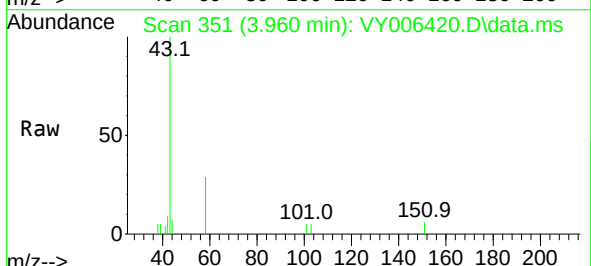


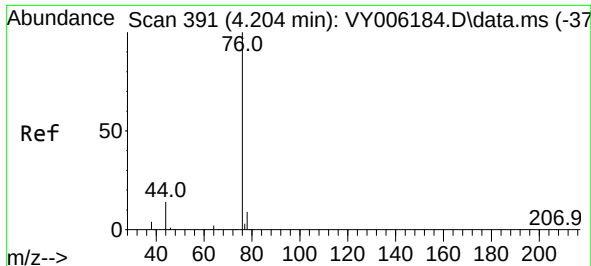
Tgt Ion:	53	Resp:	4495
Ion	Ratio	Lower	Upper
53	100		
52	80.4	67.0	100.4
51	37.7	29.8	44.6



#16
Acetone
Concen: 12.060 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion:	43	Resp:	4624
Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.0	33.0

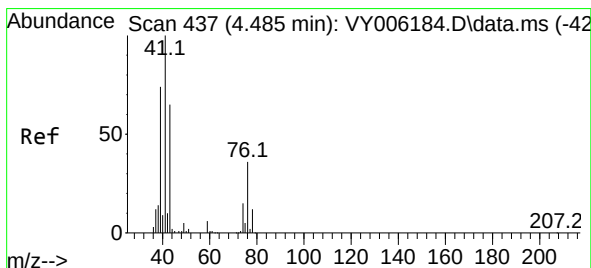
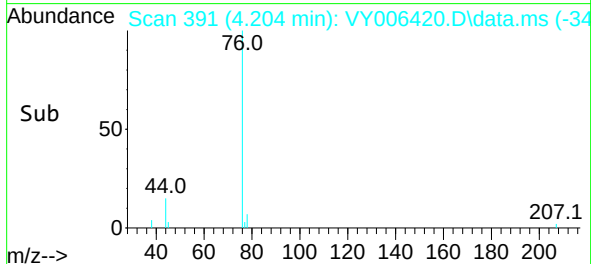
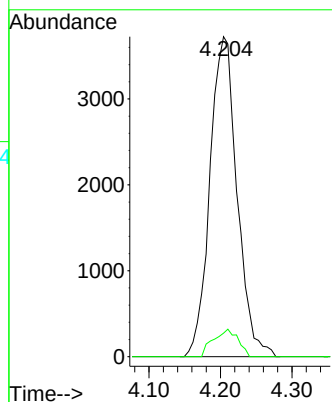
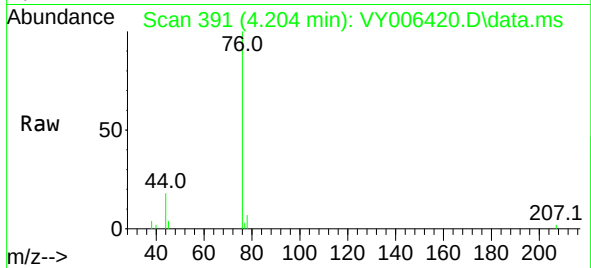




#17
Carbon Disulfide
Concen: 2.448 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

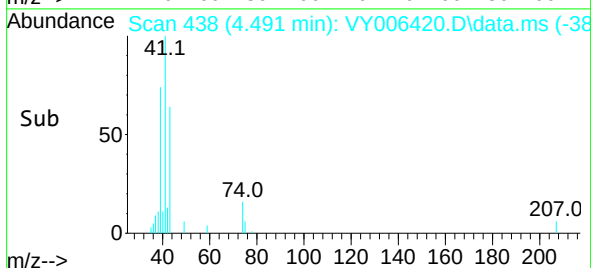
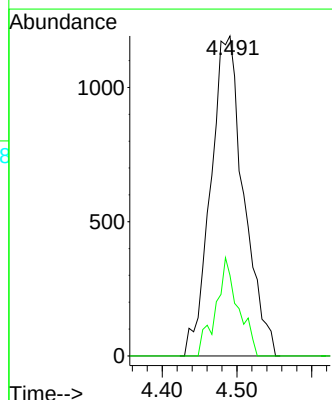
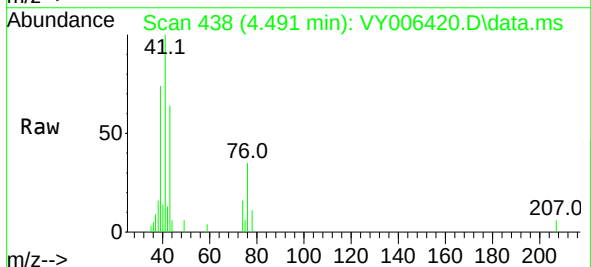
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

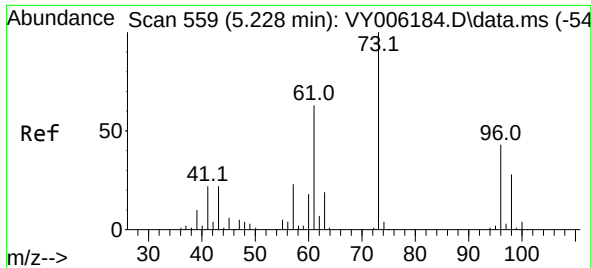
Tgt Ion: 76 Resp: 9835
Ion Ratio Lower Upper
76 100
78 7.3 7.4 11.0#



#18
Methyl Acetate
Concen: 2.839 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 43 Resp: 3671
Ion Ratio Lower Upper
43 100
74 20.8 16.6 24.8

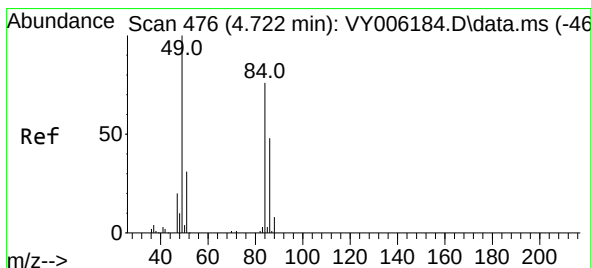
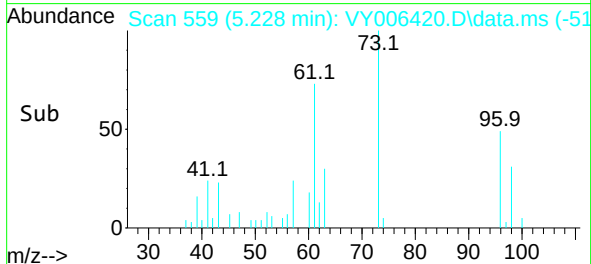
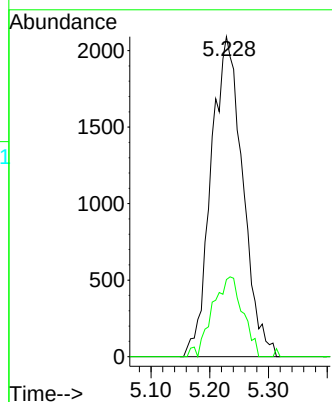
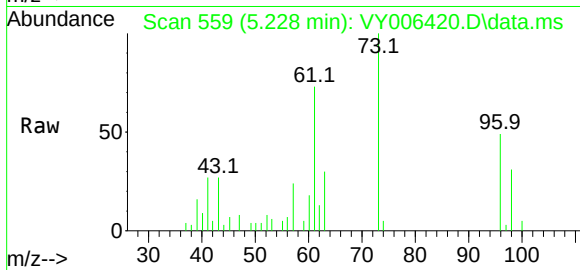




#19
Methyl tert-butyl Ether
Concen: 2.225 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

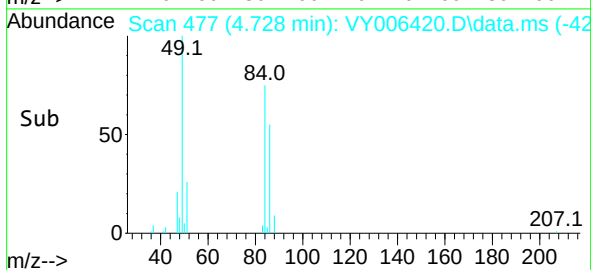
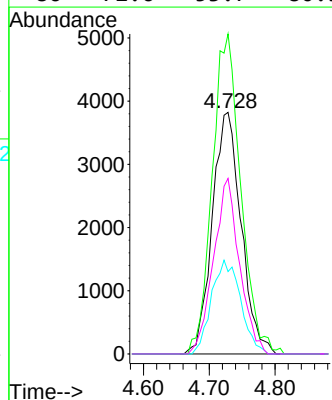
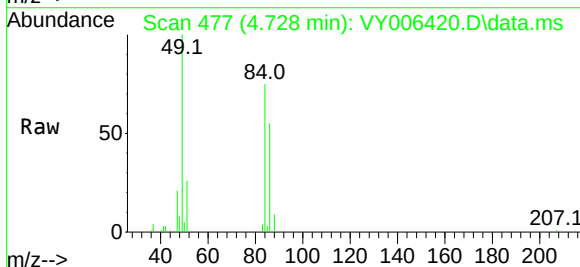
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

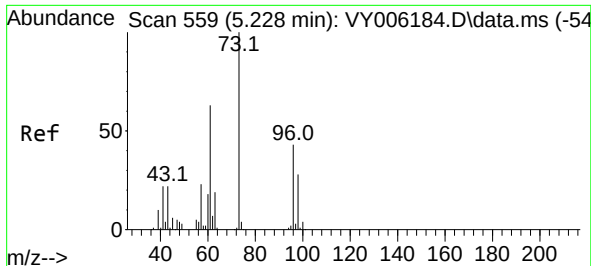
Tgt Ion: 73 Resp: 7804
Ion Ratio Lower Upper
73 100
57 24.1 18.6 27.8



#20
Methylene Chloride
Concen: 7.806 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 84 Resp: 11648
Ion Ratio Lower Upper
84 100
49 132.5 114.4 171.6
51 34.1 35.3 52.9#
86 72.6 53.7 80.5

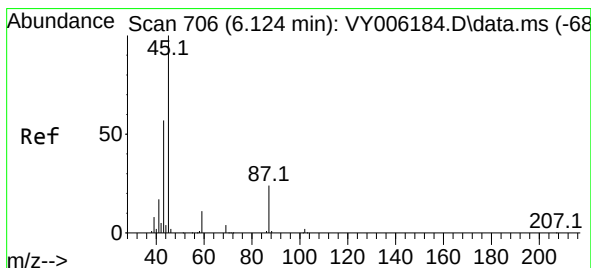
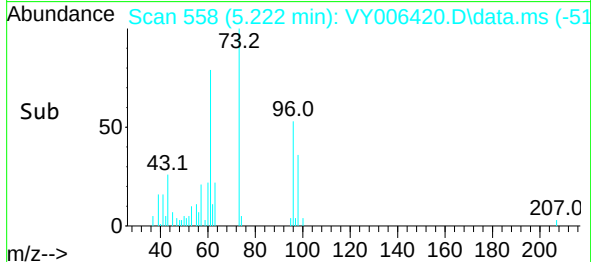
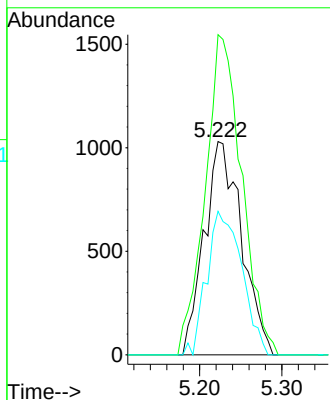
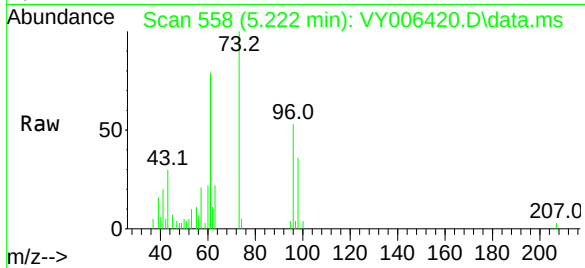




#21
trans-1,2-Dichloroethene
Concen: 2.434 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

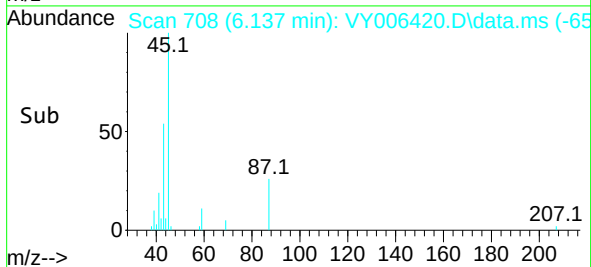
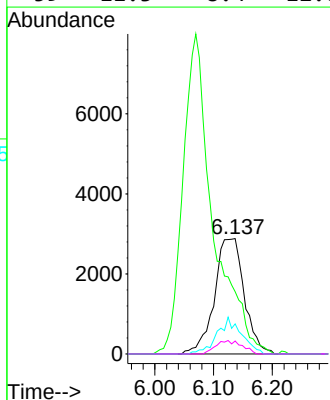
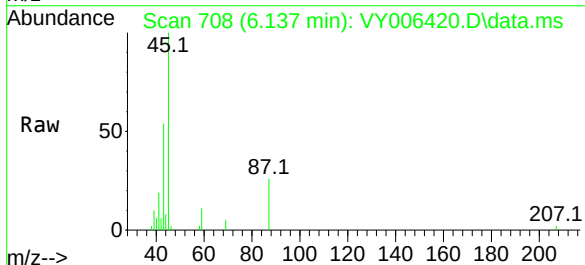
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

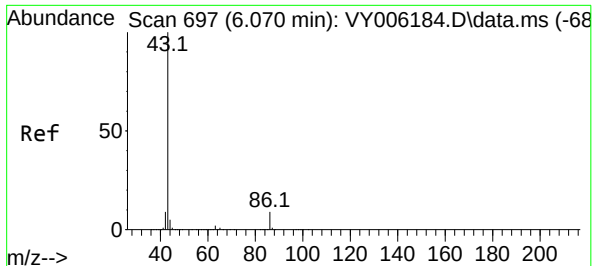
Tgt Ion: 96 Resp: 3242
Ion Ratio Lower Upper
96 100
61 150.1 120.5 180.7
98 67.3 49.8 74.8



#22
Diisopropyl ether
Concen: 2.223 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 45 Resp: 10159
Ion Ratio Lower Upper
45 100
43 54.0 49.3 73.9
87 26.0 19.2 28.8
59 11.3 8.4 12.6

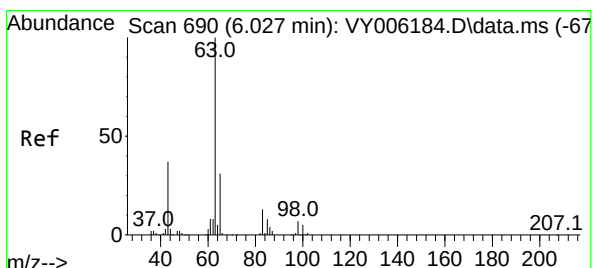
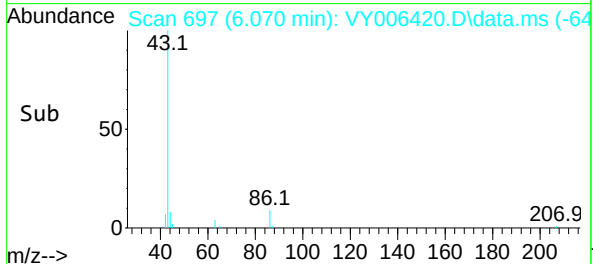
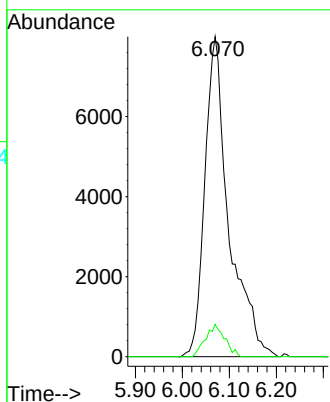
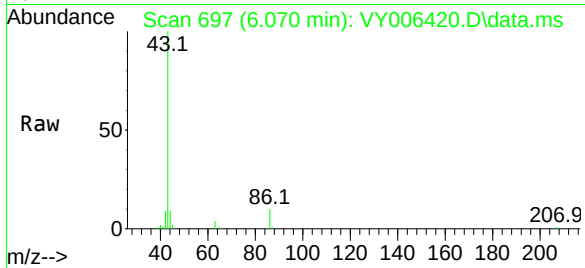




#23
 Vinyl Acetate
 Concen: 10.348 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY006420.D
 Acq: 19 Oct 2021 12:00

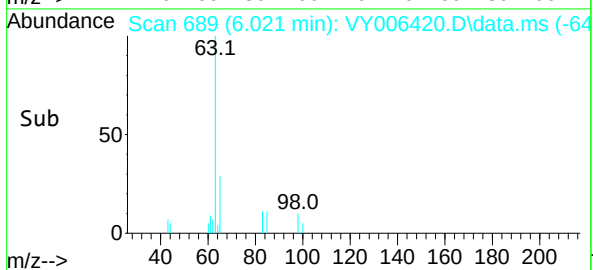
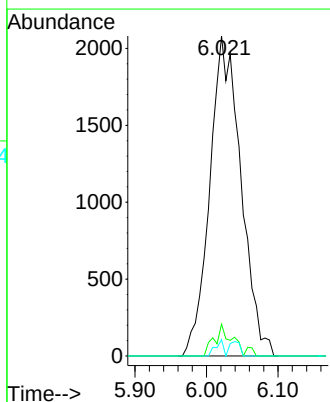
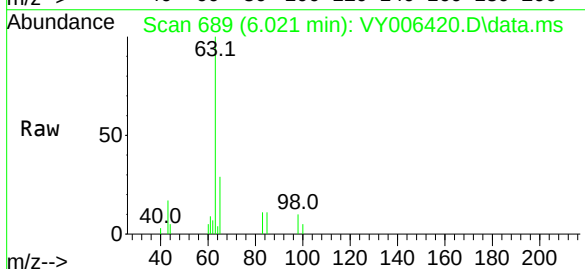
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

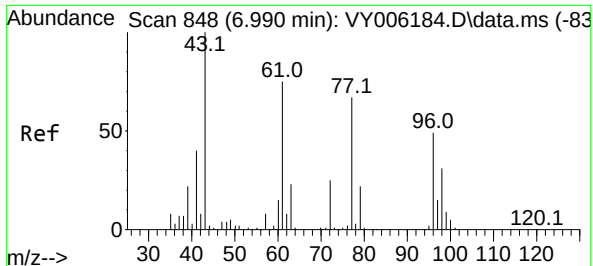
Tgt Ion: 43 Resp: 28349
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 2.564 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY006420.D
 Acq: 19 Oct 2021 12:00

Tgt Ion: 63 Resp: 6291
 Ion Ratio Lower Upper
 63 100
 98 9.9 3.6 10.8
 100 5.1 2.0 5.8





#25

2-Butanone

Concen: 10.504 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY006420.D

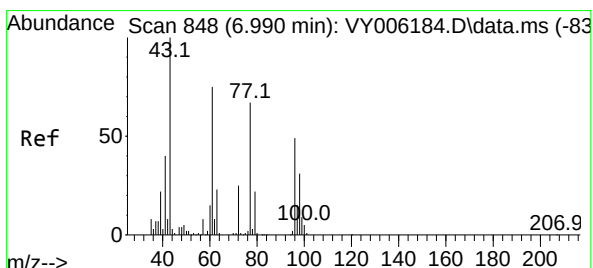
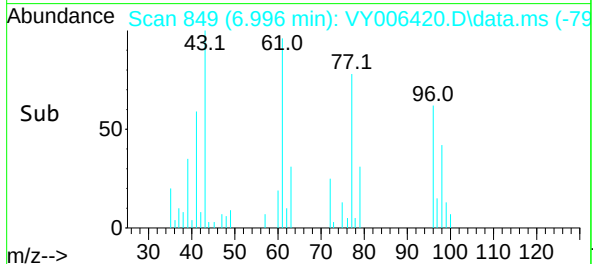
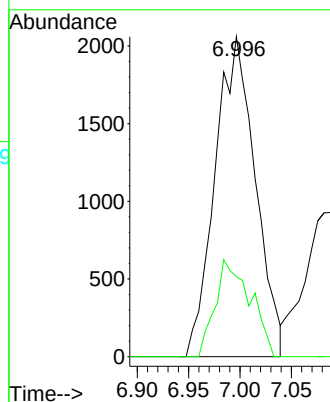
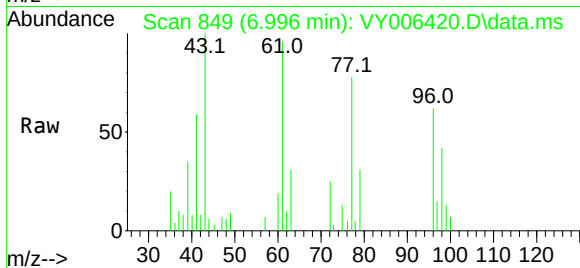
Acq: 19 Oct 2021 12:00

Tgt Ion: 43 Resp: 5610

Ion Ratio Lower Upper

43 100

72 25.0 17.7 26.5



#26

2,2-Dichloropropane

Concen: 2.537 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY006420.D

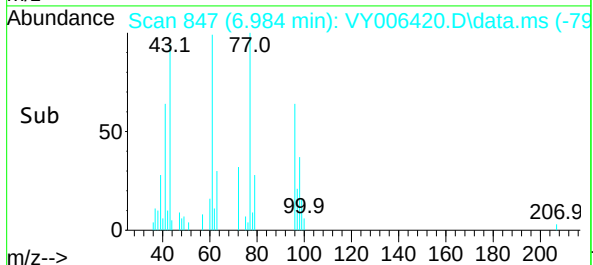
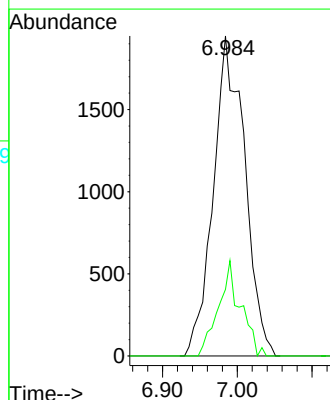
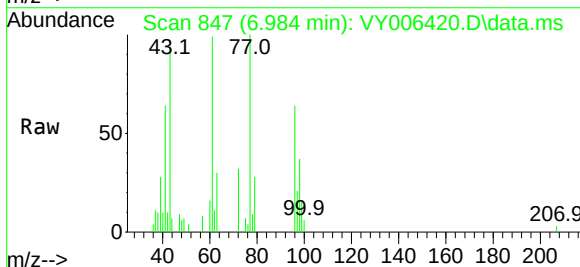
Acq: 19 Oct 2021 12:00

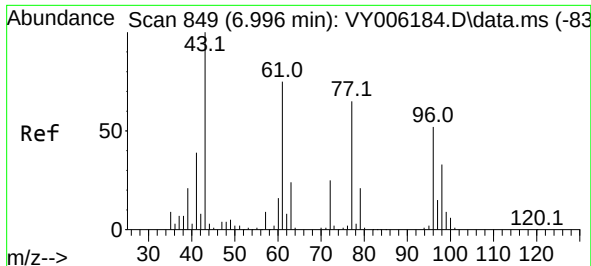
Tgt Ion: 77 Resp: 5693

Ion Ratio Lower Upper

77 100

97 21.0 10.4 31.4

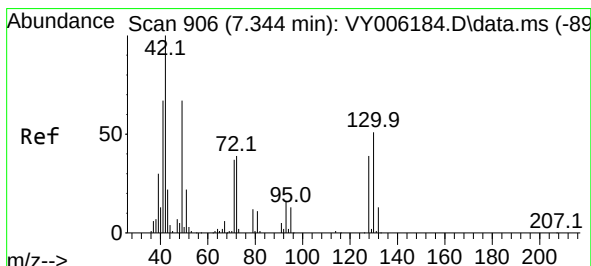
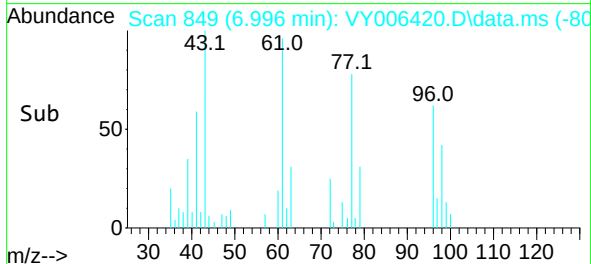
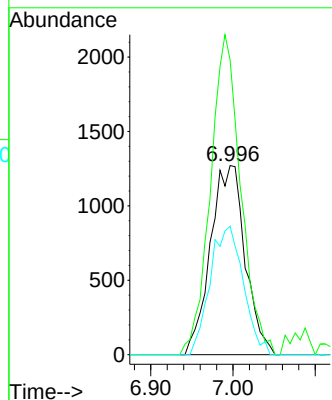
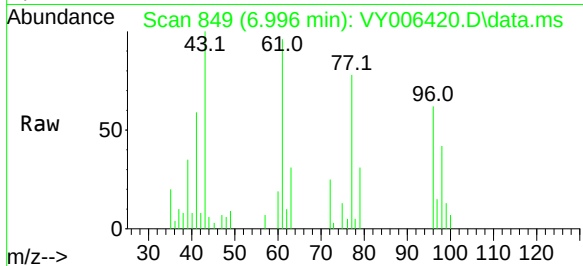




#27
 cis-1,2-Dichloroethene
 Concen: 2.499 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY006420.D
 Acq: 19 Oct 2021 12:00

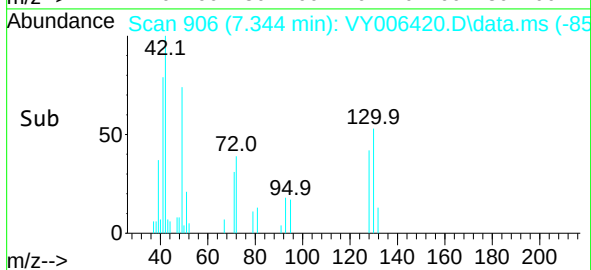
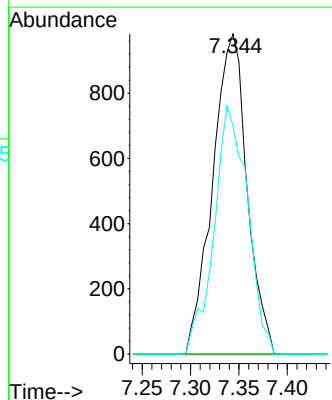
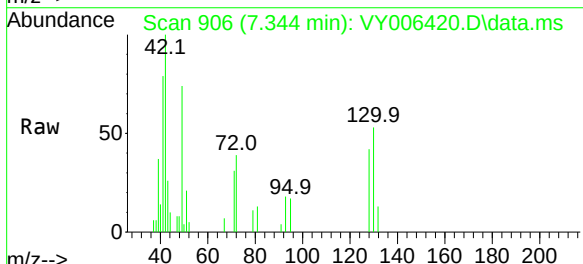
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

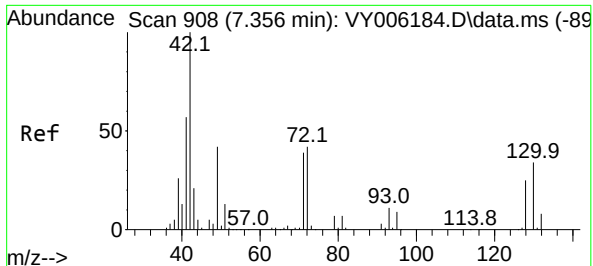
Tgt Ion:	96	Resp:	3728
Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	319.8
98	64.8	0.0	127.0



#28
 Bromochloromethane
 Concen: 2.378 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY006420.D
 Acq: 19 Oct 2021 12:00

Tgt Ion:	49	Resp:	2429
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	75.6	55.4	83.0





#29

Tetrahydrofuran

Concen: 11.335 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.006 min

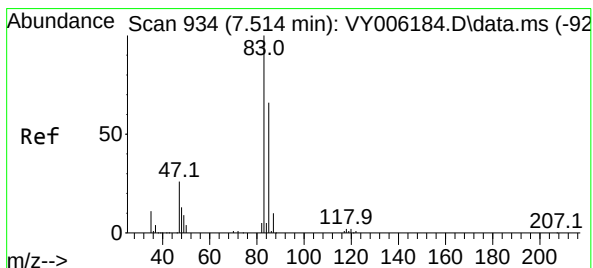
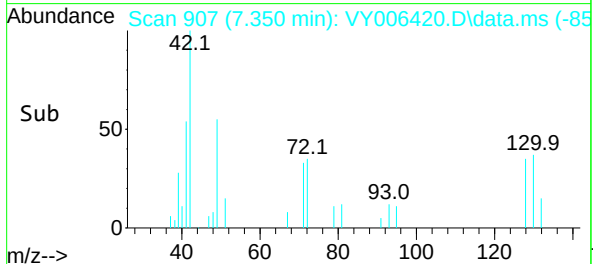
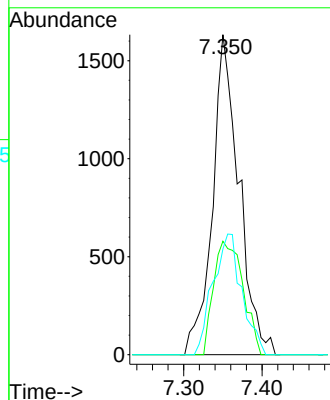
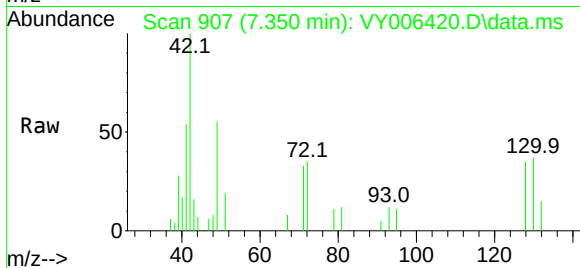
Lab File: VY006420.D

Acq: 19 Oct 2021 12:00

Tgt Ion: 42 Resp: 3824

Ion	Ratio	Lower	Upper
42	100		
72	39.3	30.3	45.5
71	41.1	29.0	43.4

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



#30

Chloroform

Concen: 2.703 ug/l

RT: 7.508 min Scan# 933

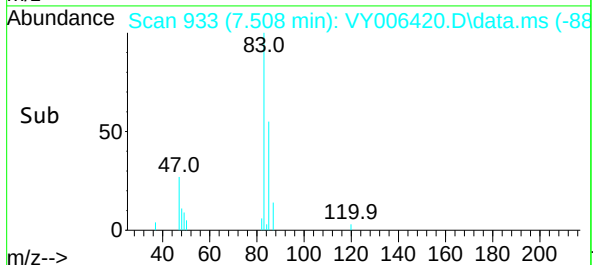
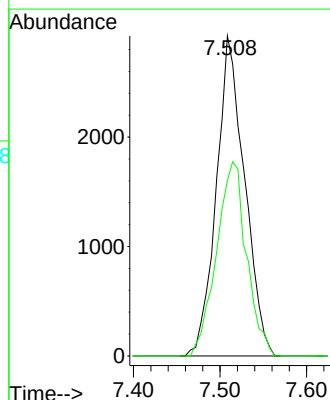
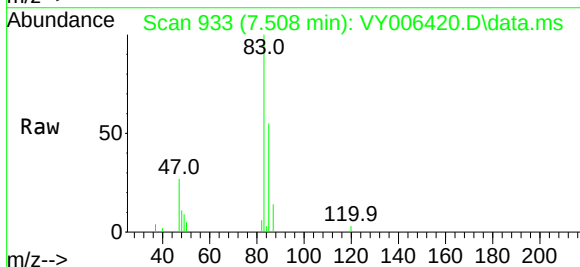
Delta R.T. -0.006 min

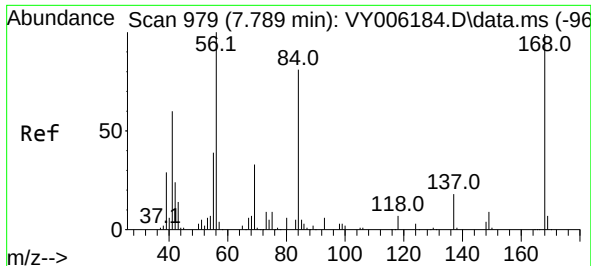
Lab File: VY006420.D

Acq: 19 Oct 2021 12:00

Tgt Ion: 83 Resp: 6615

Ion	Ratio	Lower	Upper
83	100		
85	54.8	51.8	77.6

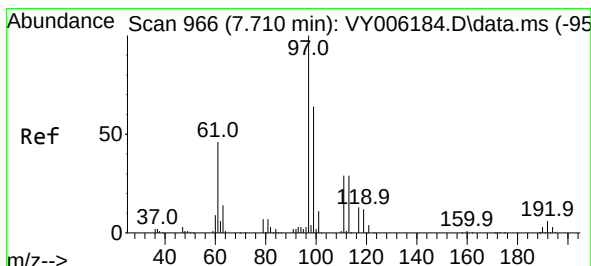
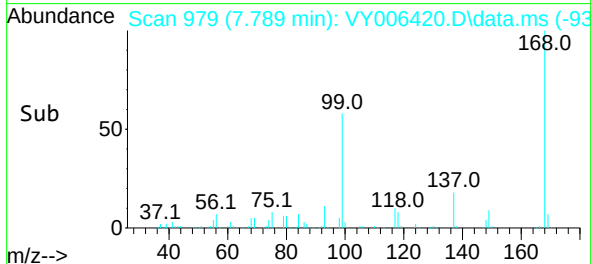
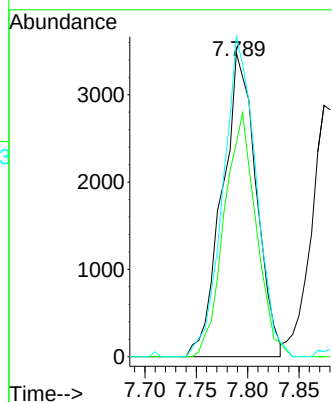
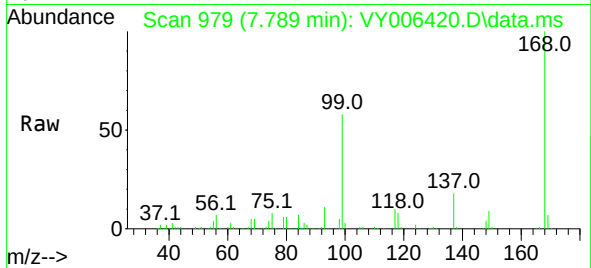




#31
Cyclohexane
Concen: 3.076 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

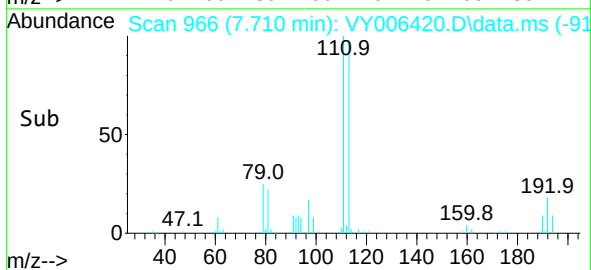
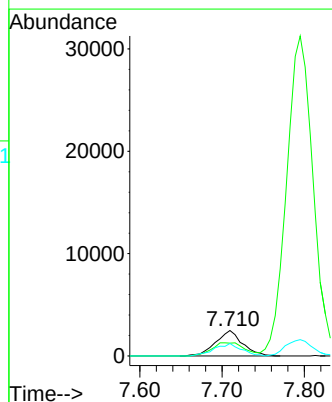
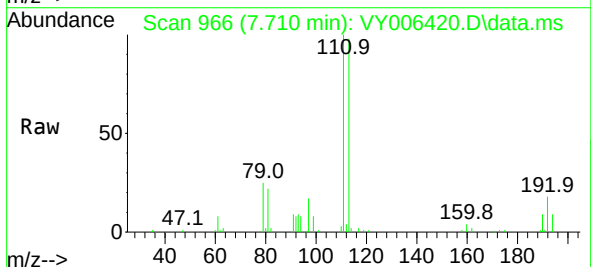
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

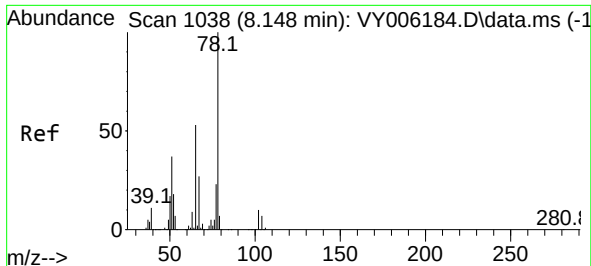
Tgt Ion: 56 Resp: 8000
Ion Ratio Lower Upper
56 100
69 70.2 26.7 40.1#
84 105.3 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 2.482 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 97 Resp: 5609
Ion Ratio Lower Upper
97 100
99 65.0 50.7 76.1
61 49.0 37.6 56.4

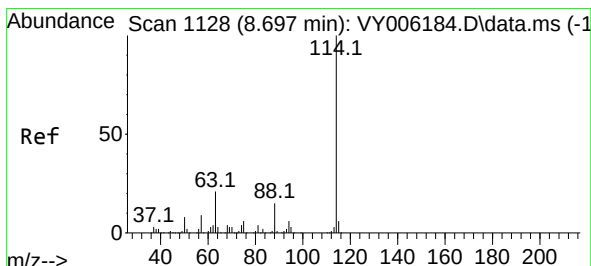
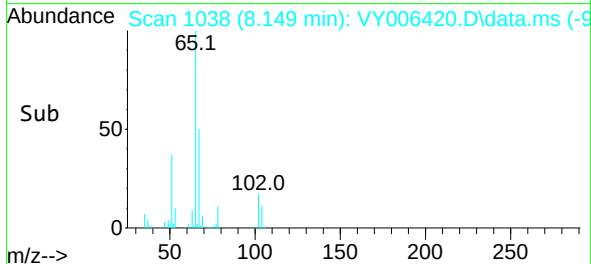
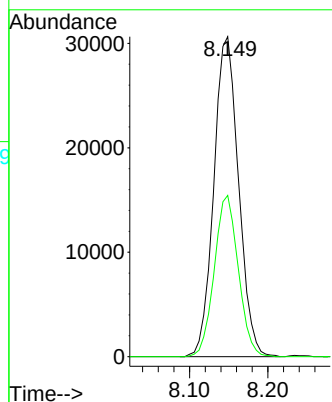
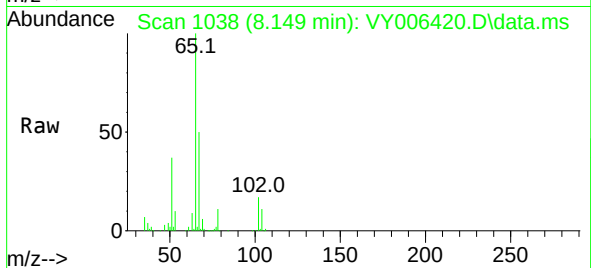




#33
1,2-Dichloroethane-d4
Concen: 48.962 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

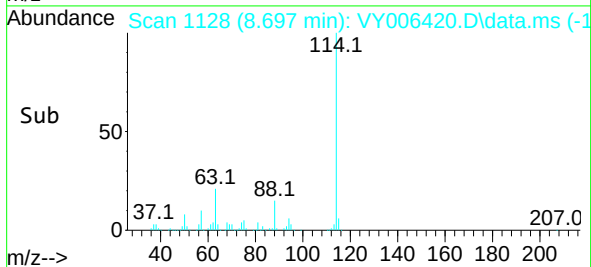
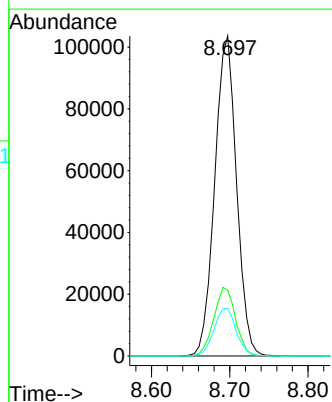
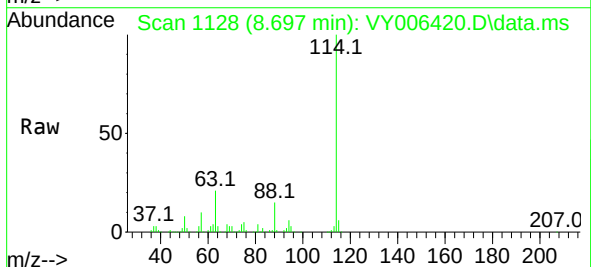
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

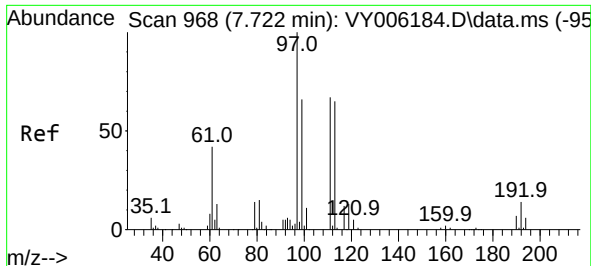
Tgt Ion: 65 Resp: 67213
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

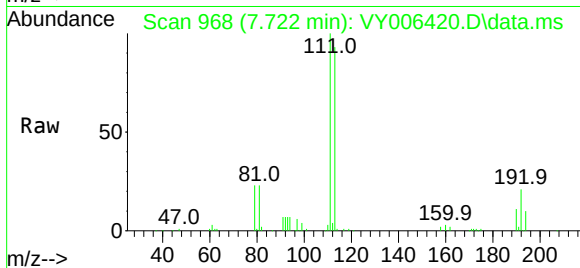
Tgt Ion: 114 Resp: 200141
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 14.9 0.0 31.8



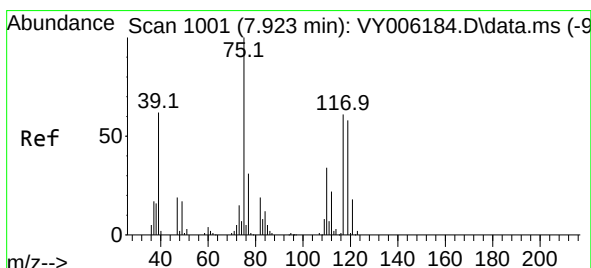
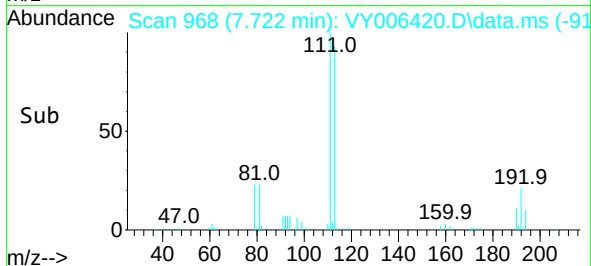
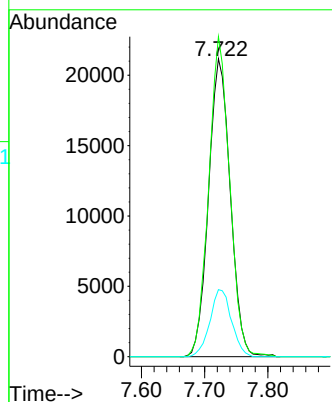


#35
Dibromofluoromethane
Concen: 47.364 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

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

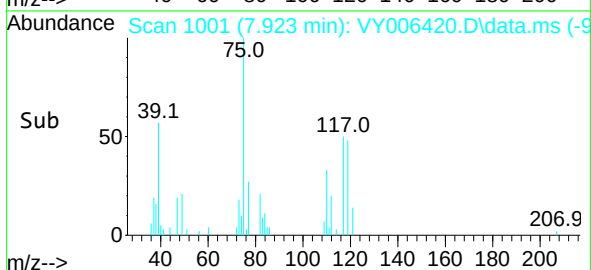
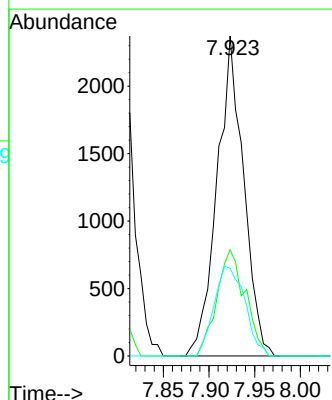
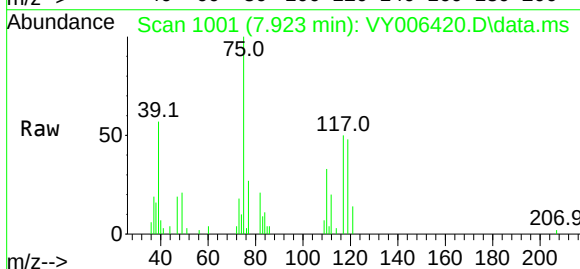


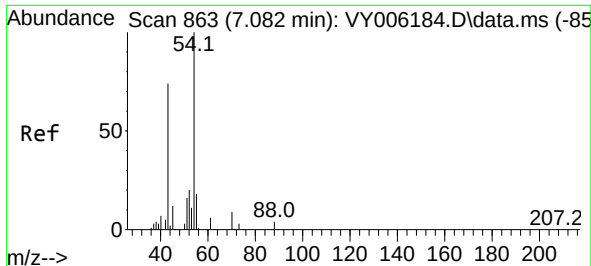
Tgt Ion:	113	Resp:	50645
Ion Ratio	Lower	Upper	
113	100		
111	103.4	82.6	124.0
192	22.4	17.6	26.4



#36
1,1-Dichloropropene
Concen: 2.406 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion:	75	Resp:	4792
Ion Ratio	Lower	Upper	
75	100		
110	35.6	17.1	51.2
77	32.5	24.4	36.6





#37

Ethyl Acetate

Concen: 2.148 ug/l

RT: 7.088 min Scan# 864

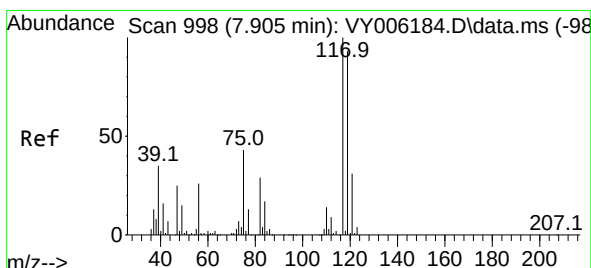
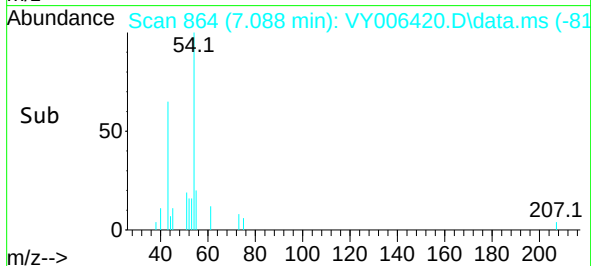
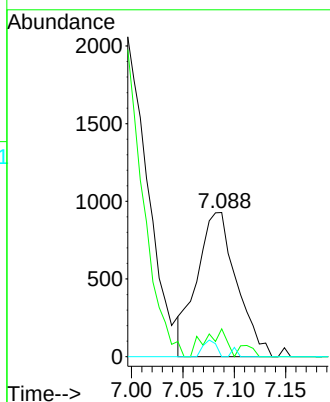
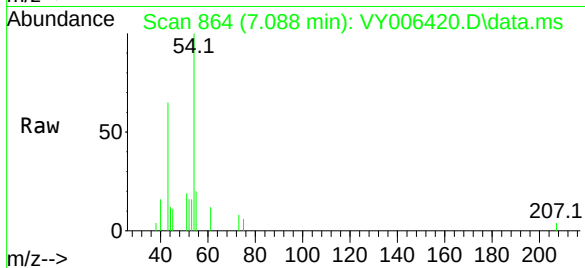
Delta R.T. 0.006 min

Lab File: VY006420.D

Acq: 19 Oct 2021 12:00

Tgt Ion:	43	Resp:	2492
Ion	Ratio	Lower	Upper
43	100		
61	10.5	9.7	14.5
70	3.8	7.1	10.7#

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



#38

Carbon Tetrachloride

Concen: 2.620 ug/l

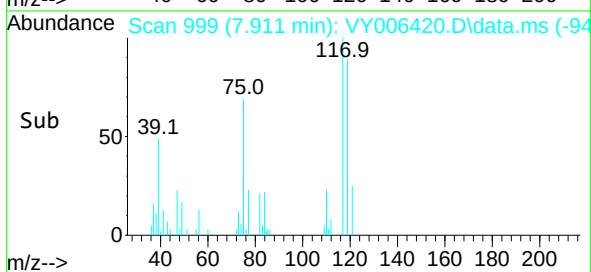
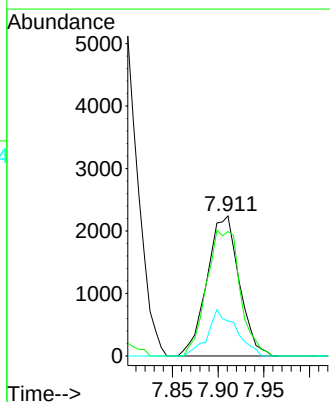
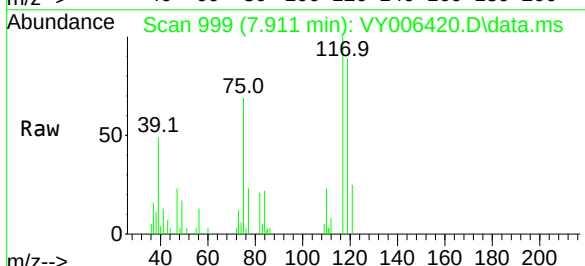
RT: 7.911 min Scan# 999

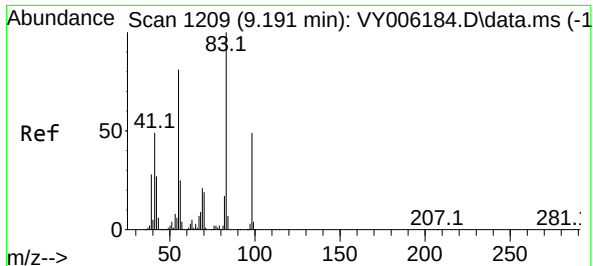
Delta R.T. 0.006 min

Lab File: VY006420.D

Acq: 19 Oct 2021 12:00

Tgt Ion:	117	Resp:	5509
Ion	Ratio	Lower	Upper
117	100		
119	88.8	77.9	116.9
121	24.9	24.8	37.2

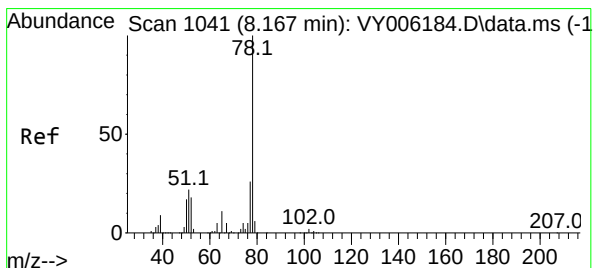
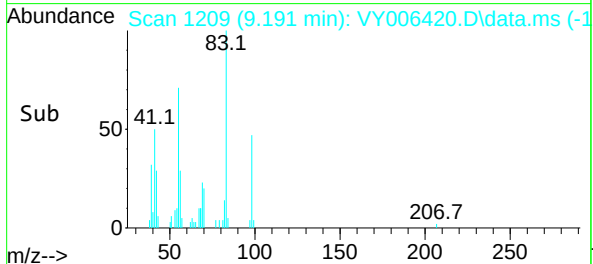
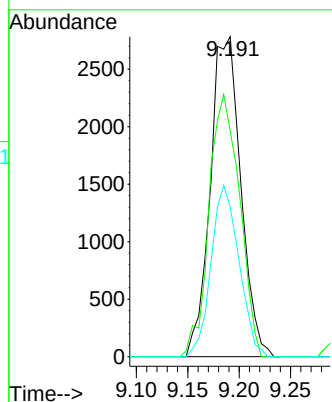
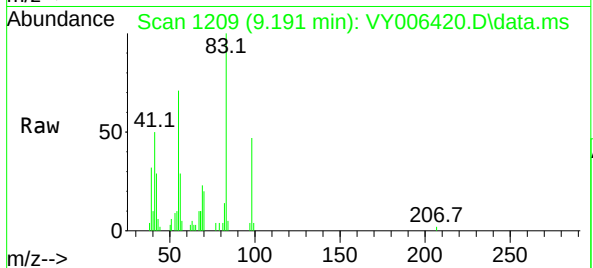




#39
Methylcyclohexane
Concen: 2.295 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

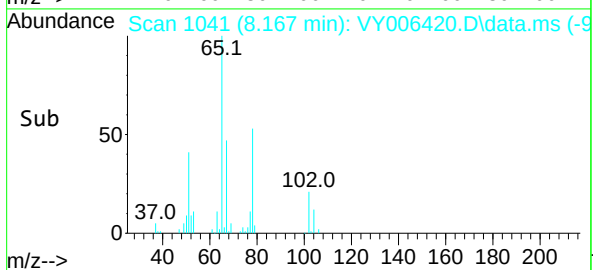
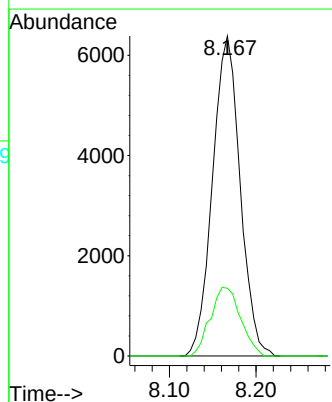
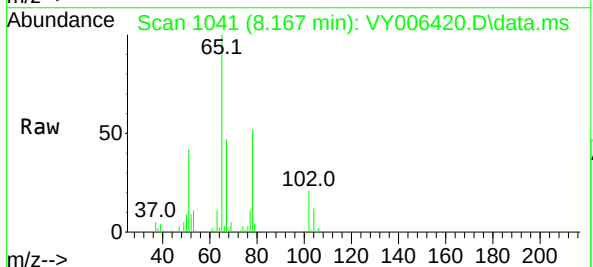
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

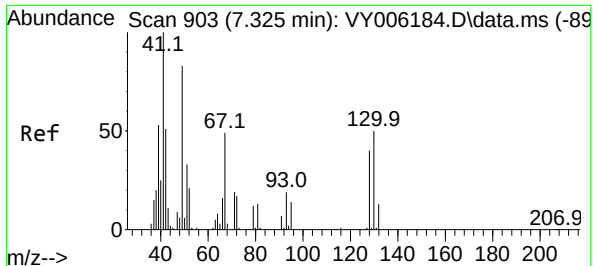
Tgt Ion: 83 Resp: 5740
Ion Ratio Lower Upper
83 100
55 70.7 66.5 99.7
98 46.8 37.9 56.9



#40
Benzene
Concen: 2.500 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

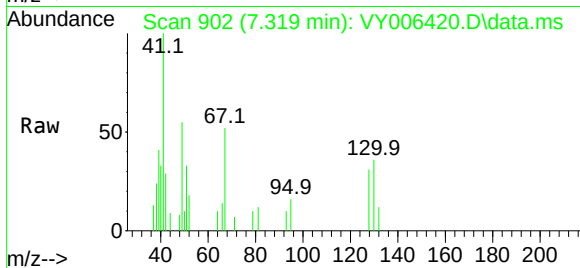
Tgt Ion: 78 Resp: 14124
Ion Ratio Lower Upper
78 100
77 21.2 20.4 30.6



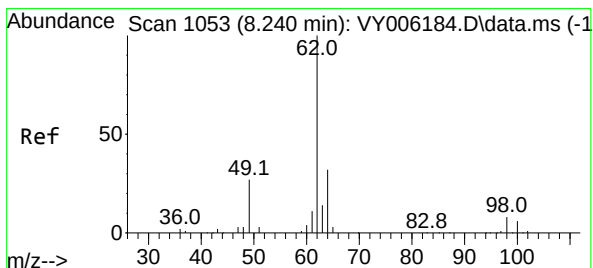
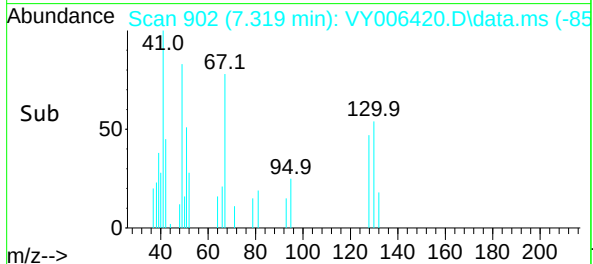
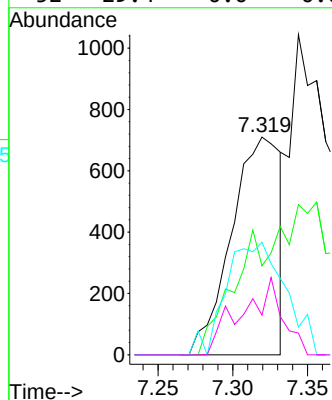


#41
Methacrylonitrile
Concen: 2.154 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

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

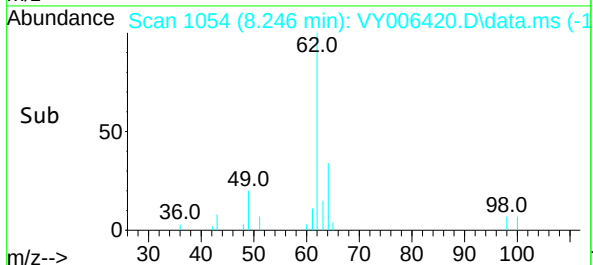
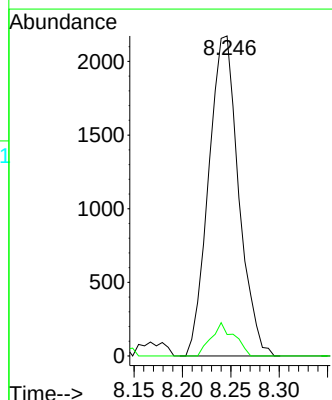
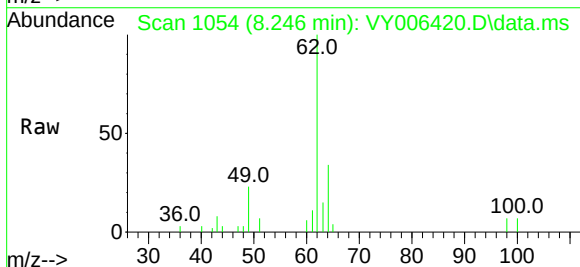


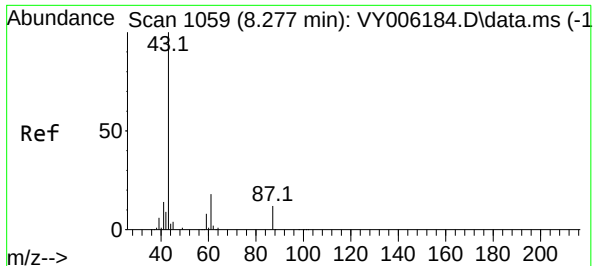
Tgt Ion: 41	Resp: 1621
Ion Ratio	Lower Upper
41 100	
39 36.3	92.9 139.3#
67 62.5	0.0 0.0#
52 29.4	0.0 0.0#



#42
1,2-Dichloroethane
Concen: 2.579 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 62	Resp: 4695
Ion Ratio	Lower Upper
62 100	
98 7.9	0.0 14.8

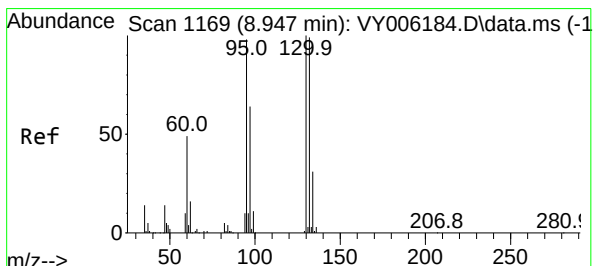
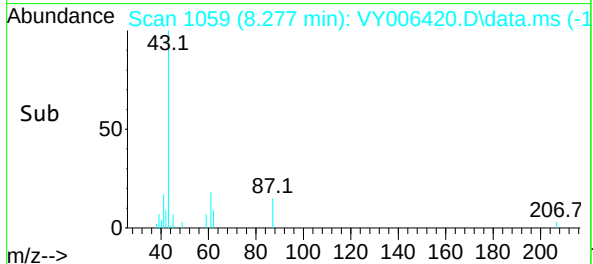
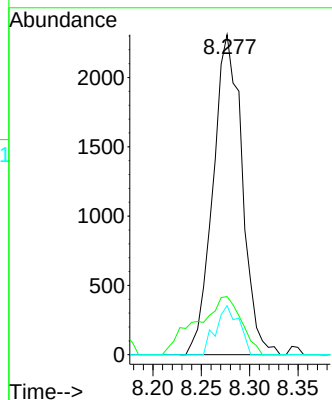
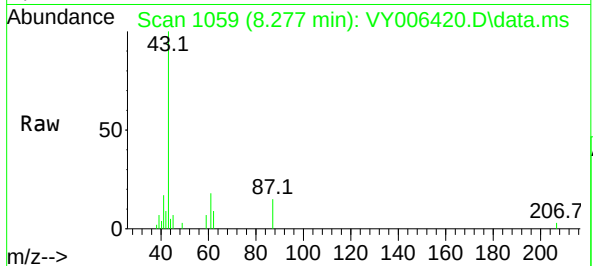




#43
Isopropyl Acetate
Concen: 2.168 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

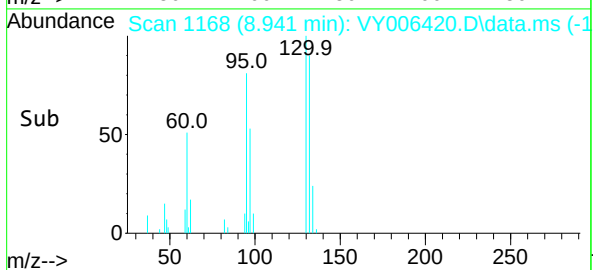
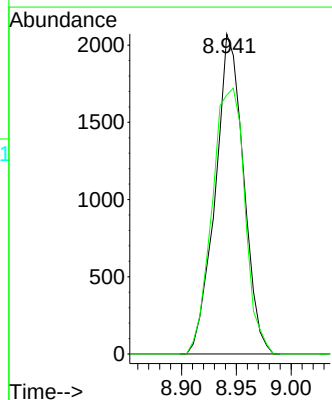
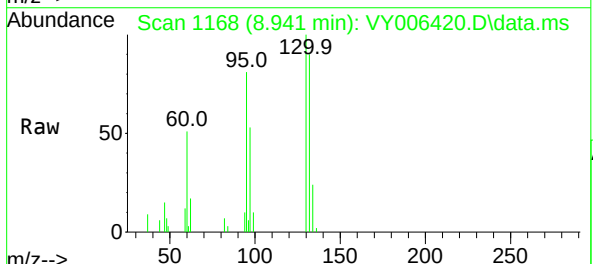
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

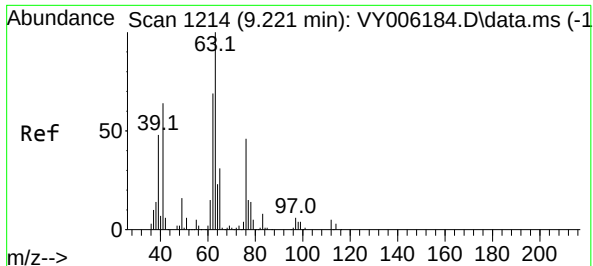
Tgt Ion: 43	Resp: 4823
Ion Ratio	Lower Upper
43	100
61	27.9 20.2 30.2
87	12.2 8.9 13.3



#44
Trichloroethene
Concen: 2.547 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 130	Resp: 3717
Ion Ratio	Lower Upper
130	100
95	80.9 0.0 188.2



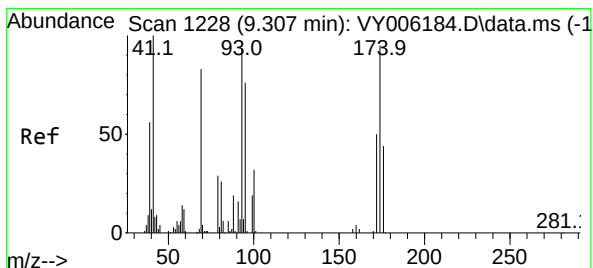
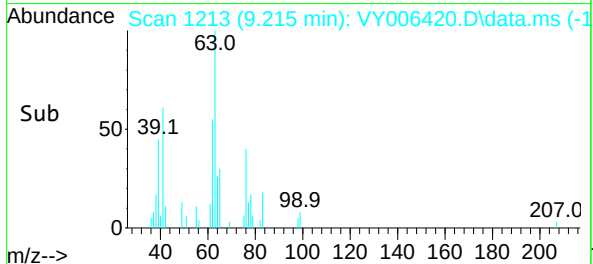
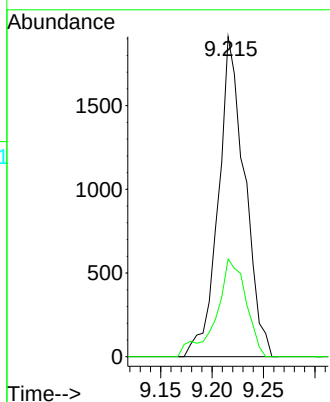
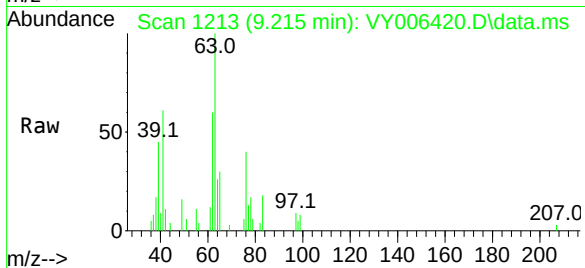


#45

1,2-Dichloropropane
Concen: 2.451 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

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

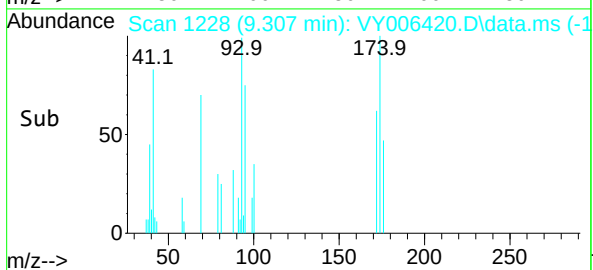
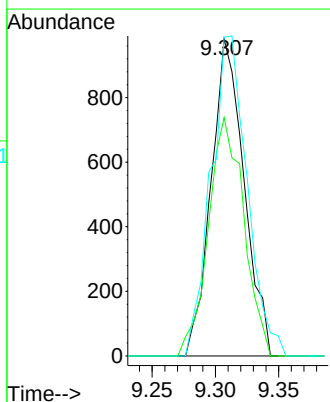
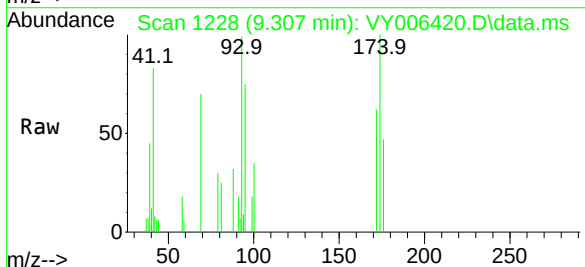
Tgt Ion: 63 Resp: 3409
Ion Ratio Lower Upper
63 100
65 30.5 23.0 34.6

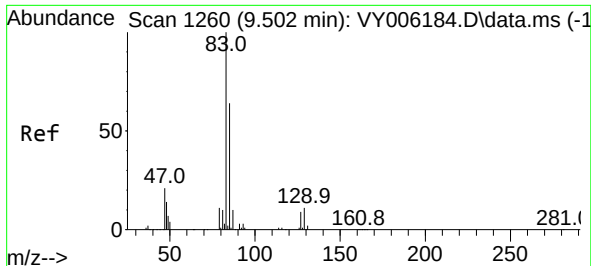


#46

Dibromomethane
Concen: 2.395 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 93 Resp: 1774
Ion Ratio Lower Upper
93 100
95 80.9 64.3 96.5
174 110.8 83.4 125.0

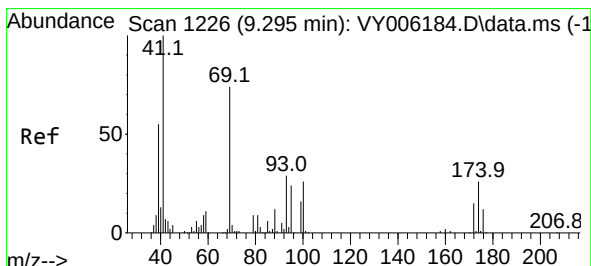
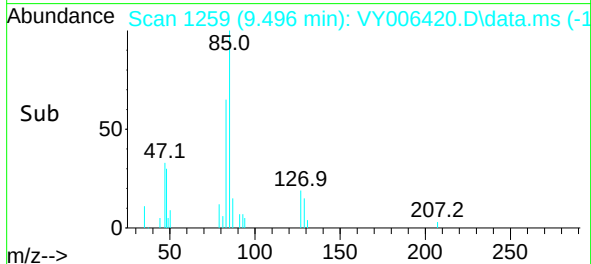
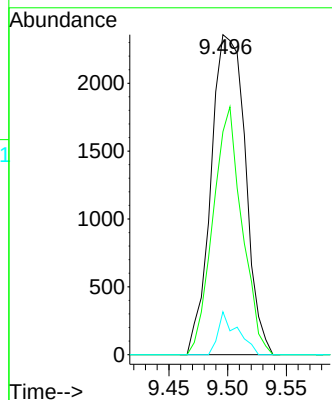
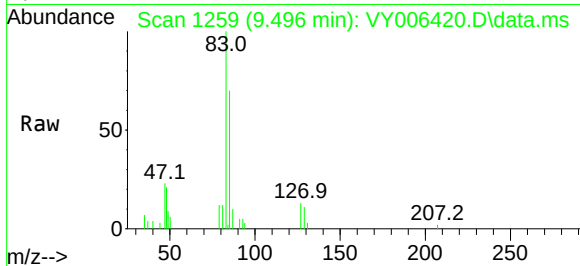




#47
Bromodichloromethane
Concen: 2.518 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

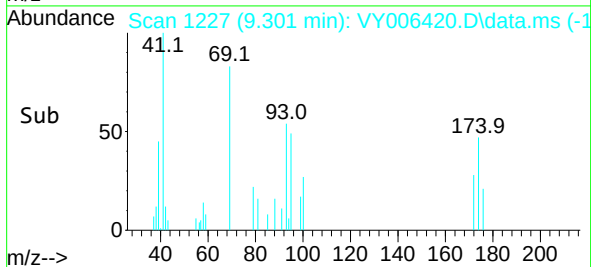
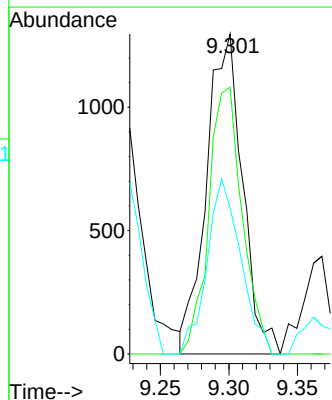
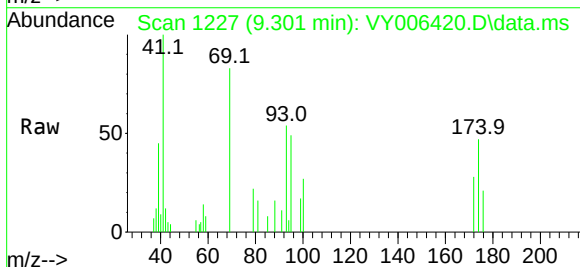
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

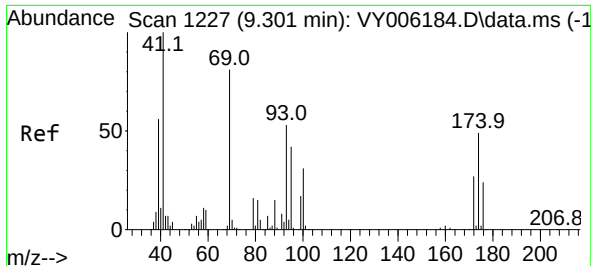
Tgt Ion: 83 Resp: 4801
Ion Ratio Lower Upper
83 100
85 69.6 51.9 77.9
127 13.4 6.6 10.0#



#48
Methyl methacrylate
Concen: 2.213 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

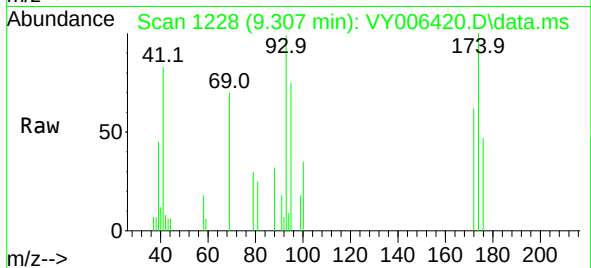
Tgt Ion: 41 Resp: 2362
Ion Ratio Lower Upper
41 100
69 77.8 58.2 87.2
39 51.6 47.4 71.0



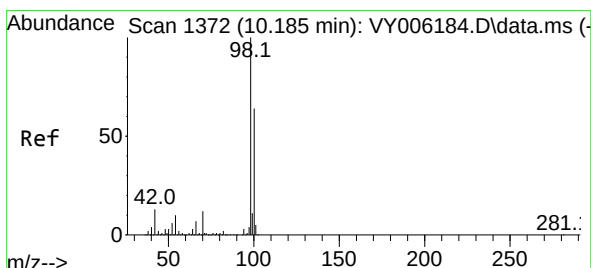
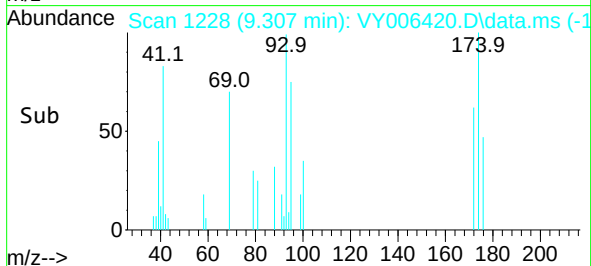
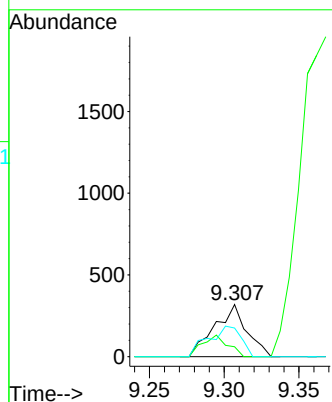


#49
1,4-Dioxane
Concen: 49.264 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

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

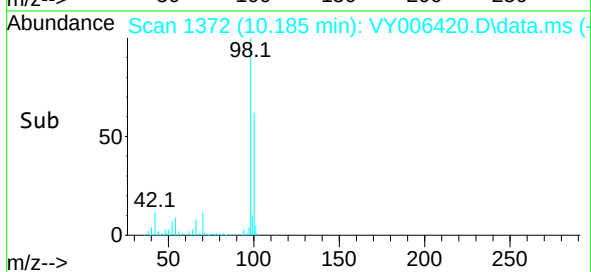
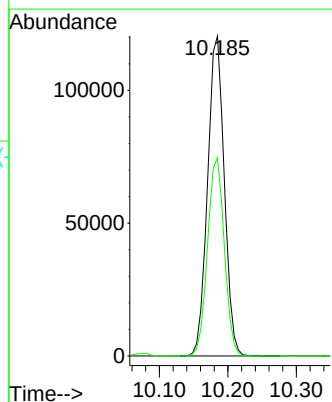
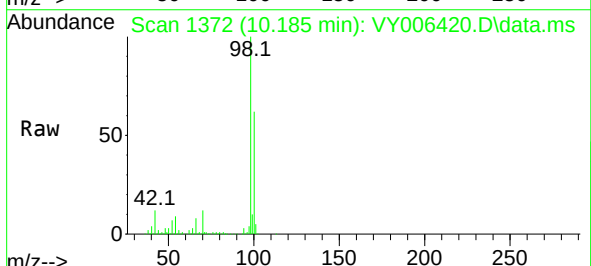


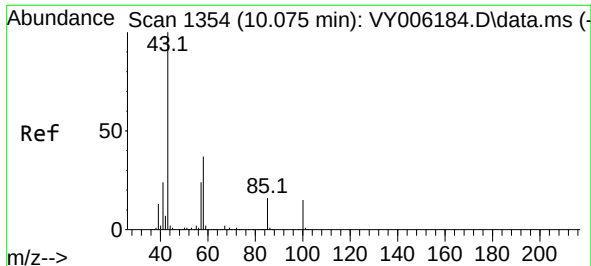
Tgt Ion: 88 Resp: 476
Ion Ratio Lower Upper
88 100
43 32.6 32.8 49.2#
58 59.2 59.8 89.6#



#50
Toluene-d8
Concen: 45.621 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 98 Resp: 204159
Ion Ratio Lower Upper
98 100
100 62.2 50.2 75.2

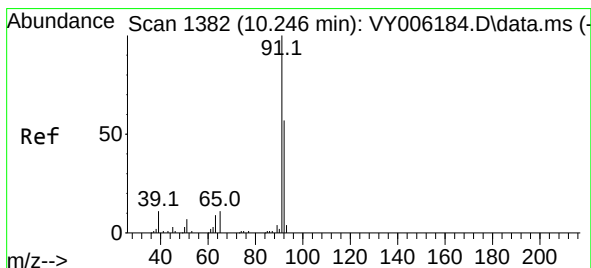
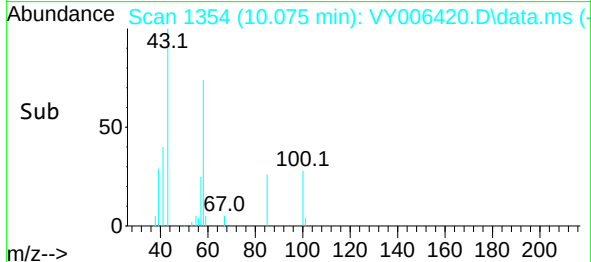
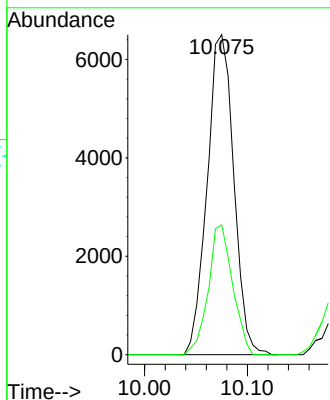
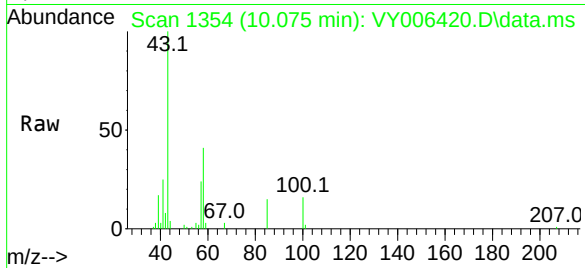




#51
4-Methyl-2-Pentanone
Concen: 10.132 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

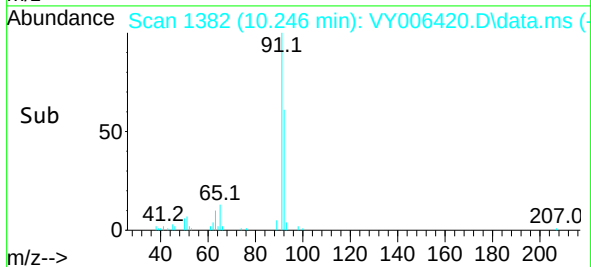
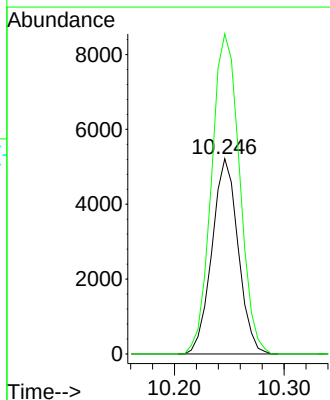
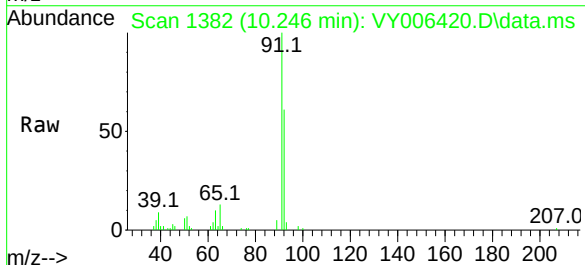
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

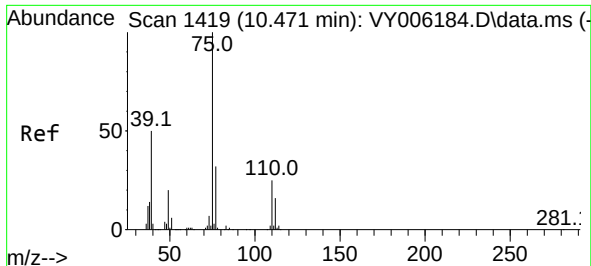
Tgt Ion: 43 Resp: 11705
Ion Ratio Lower Upper
43 100
58 37.1 28.1 42.1



#52
Toluene
Concen: 2.467 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 92 Resp: 8645
Ion Ratio Lower Upper
92 100
91 175.8 142.6 213.8

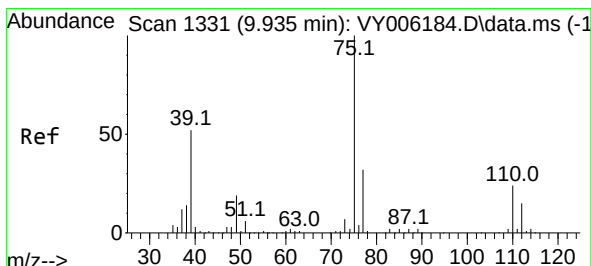
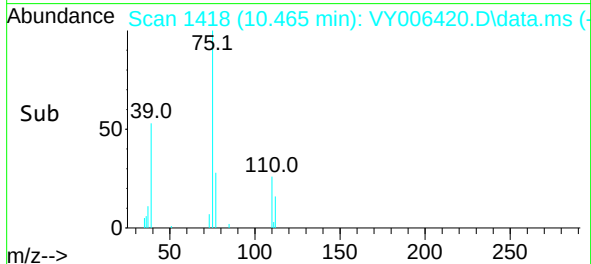
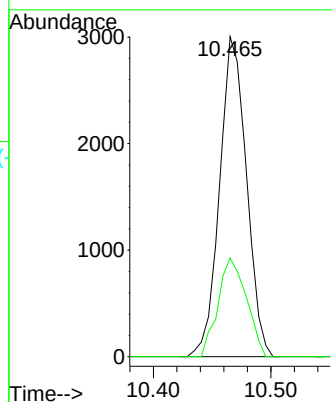
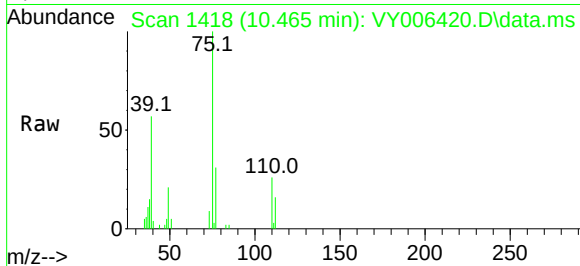




#53
 t-1,3-Dichloropropene
 Concen: 2.293 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY006420.D
 Acq: 19 Oct 2021 12:00

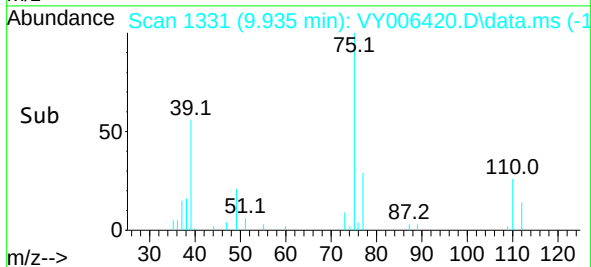
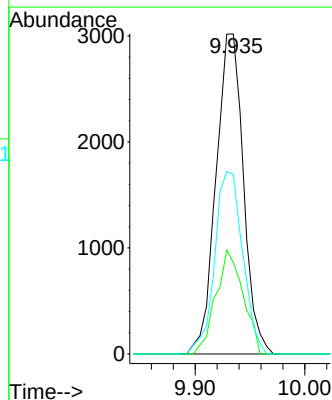
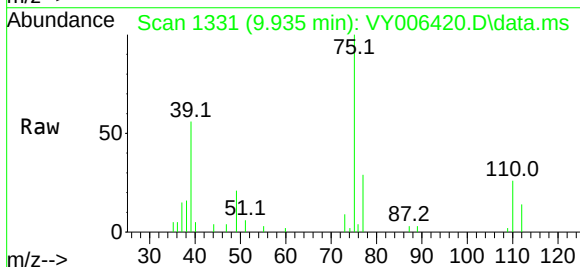
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2021

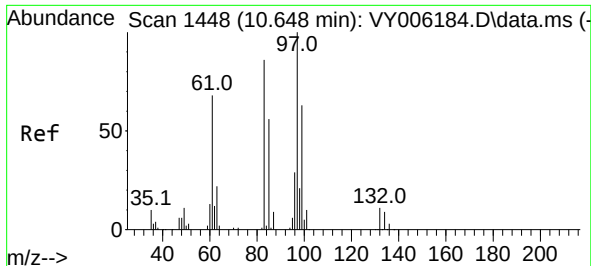
Tgt Ion: 75 Resp: 4768
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 2.293 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY006420.D
 Acq: 19 Oct 2021 12:00

Tgt Ion: 75 Resp: 5242
 Ion Ratio Lower Upper
 75 100
 77 28.6 25.6 38.4
 39 56.2 47.6 71.4

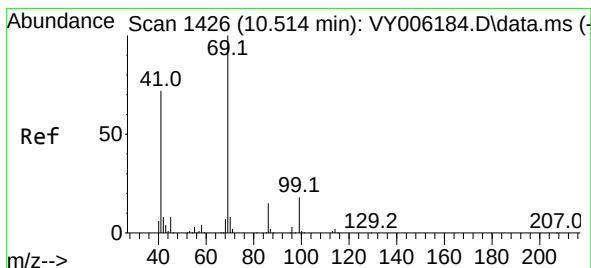
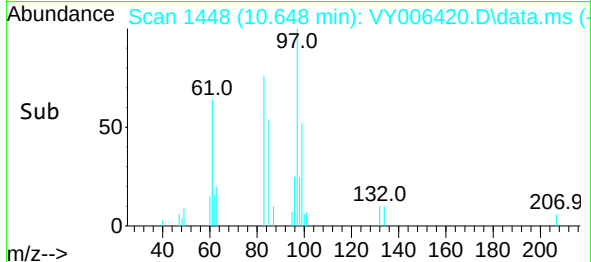
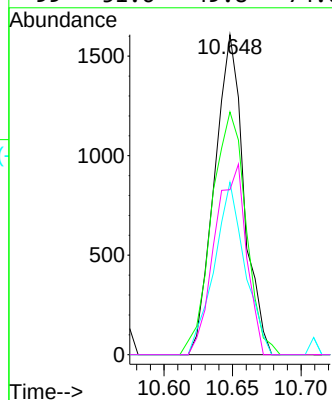
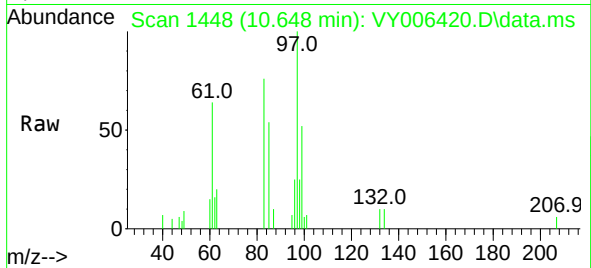




#55
1,1,2-Trichloroethane
Concen: 2.299 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

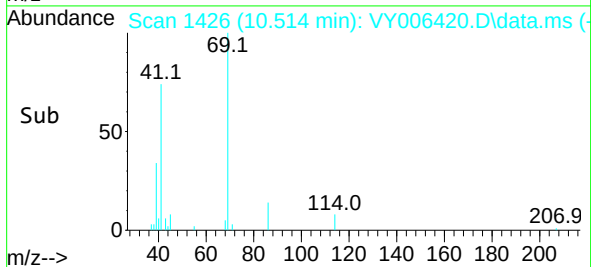
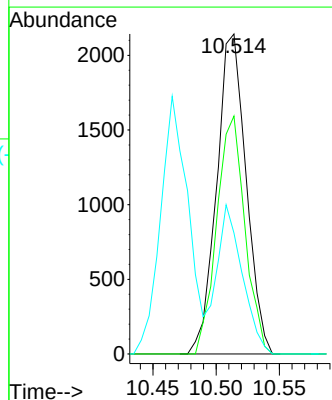
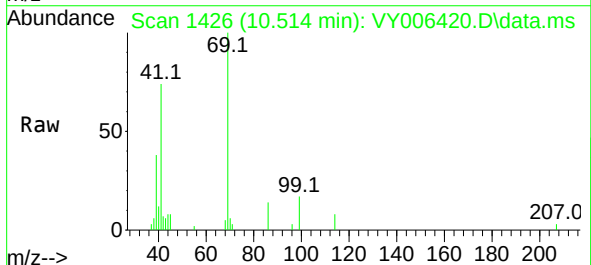
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

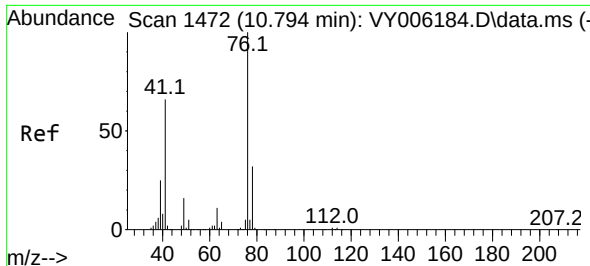
Tgt Ion: 97	Resp: 2396
Ion Ratio	Lower Upper
97 100	
83 75.9	69.8 104.8
85 53.9	44.3 66.5
99 51.6	49.8 74.6



#56
Ethyl methacrylate
Concen: 2.191 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 69	Resp: 3470
Ion Ratio	Lower Upper
69 100	
41 71.1	63.4 95.0
39 40.5	35.8 53.8

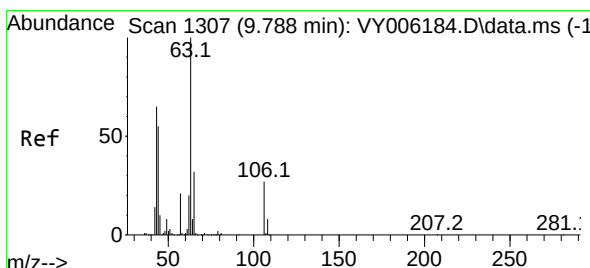
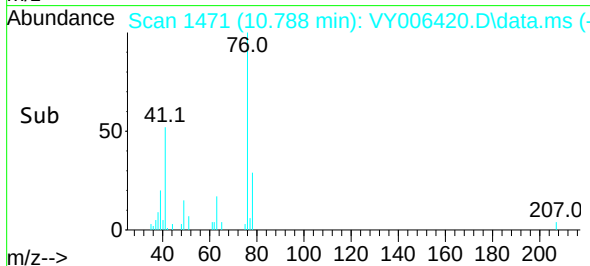
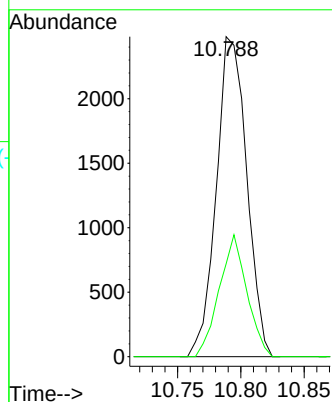
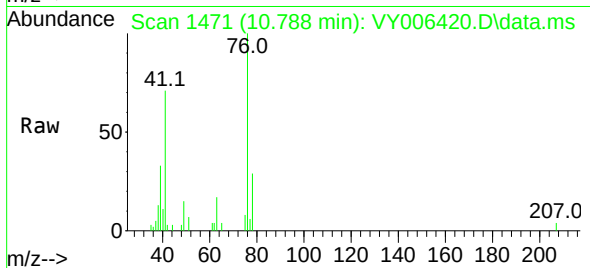




#57
1,3-Dichloropropane
Concen: 2.198 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

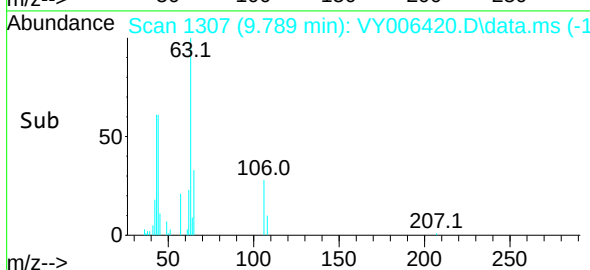
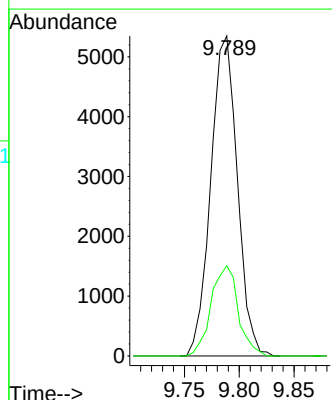
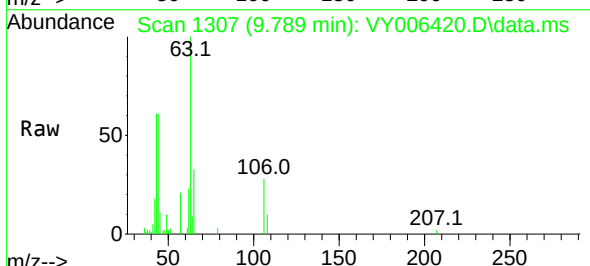
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

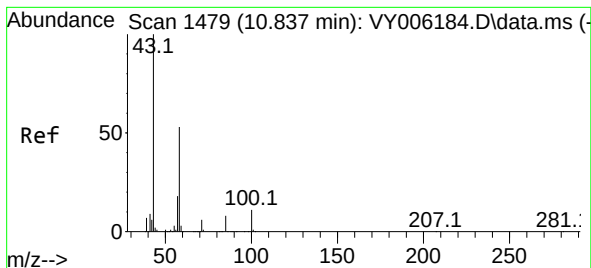
Tgt Ion: 76 Resp: 4145
Ion Ratio Lower Upper
76 100
78 34.6 25.0 37.6



#58
2-Chloroethyl Vinyl ether
Concen: 11.633 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 63 Resp: 9028
Ion Ratio Lower Upper
63 100
106 28.6 21.5 32.3

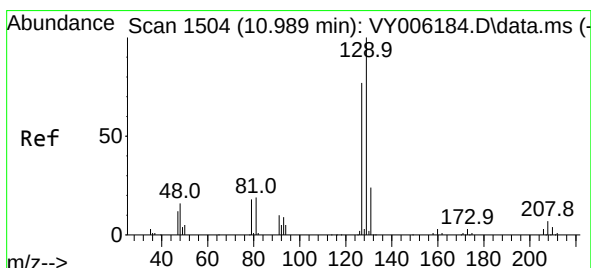
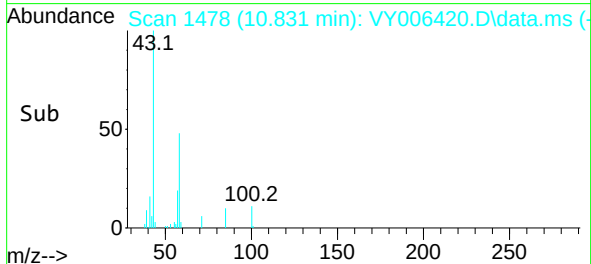
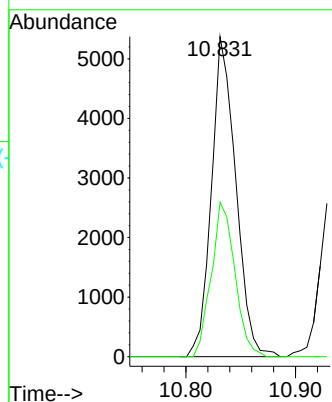
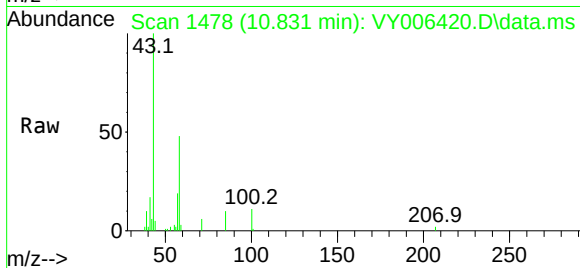




#59
2-Hexanone
Concen: 10.052 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

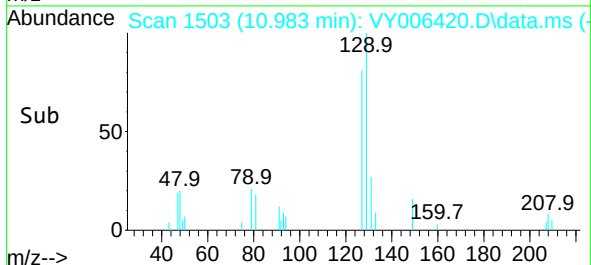
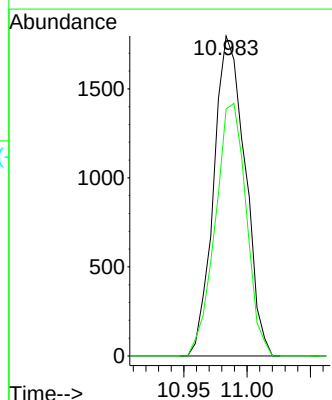
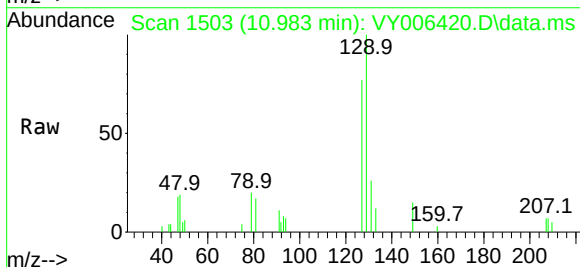
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

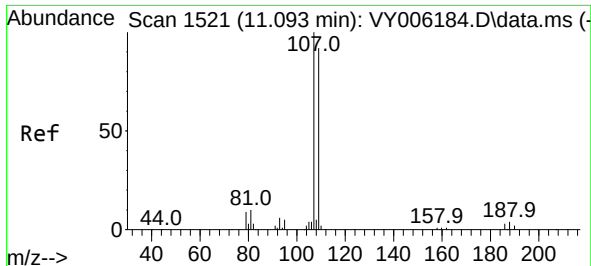
Tgt Ion: 43 Resp: 8271
Ion Ratio Lower Upper
43 100
58 46.9 24.4 73.4



#60
Dibromochloromethane
Concen: 2.445 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 129 Resp: 3096
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1

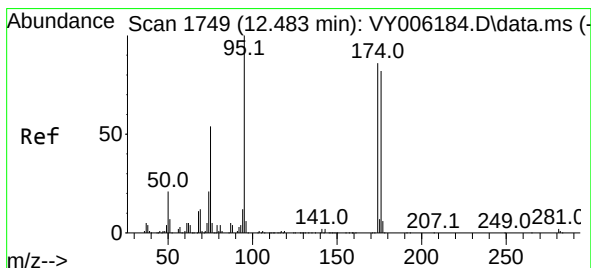
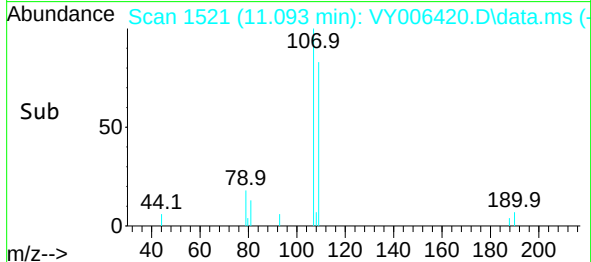
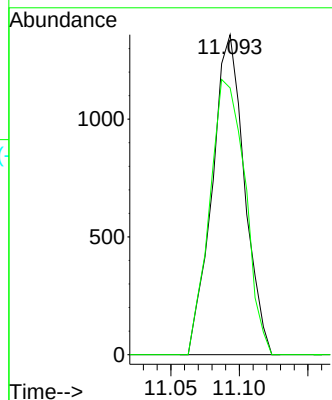
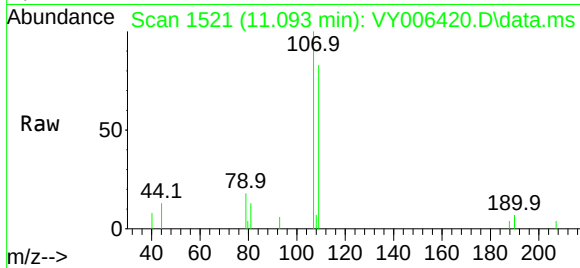




#61
1,2-Dibromoethane
Concen: 2.256 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

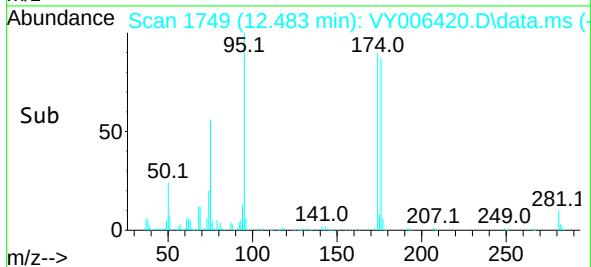
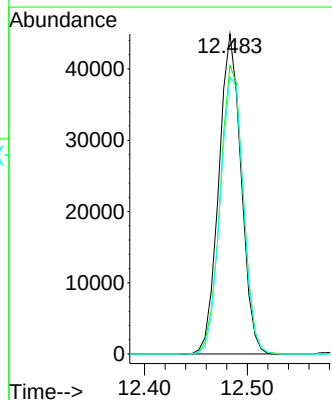
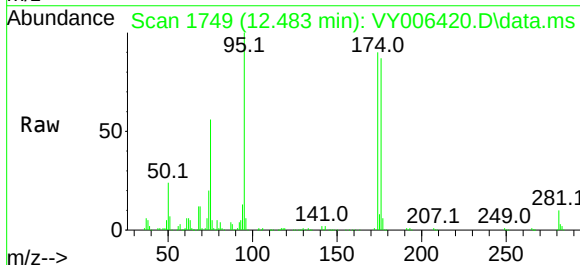
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

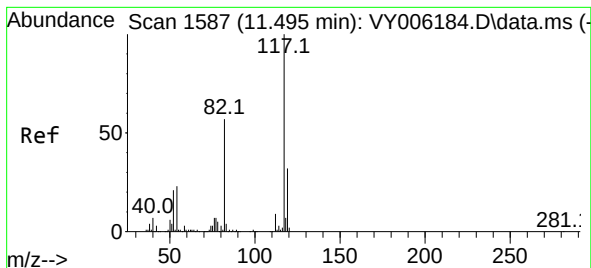
Tgt Ion:107 Resp: 2226
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 44.606 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 95 Resp: 67813
Ion Ratio Lower Upper
95 100
174 92.8 0.0 177.0
176 89.8 0.0 175.8

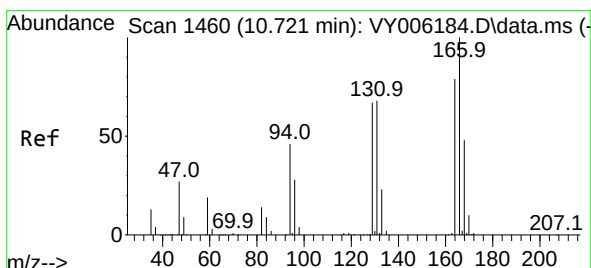
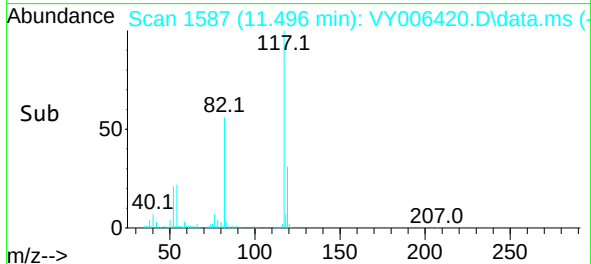
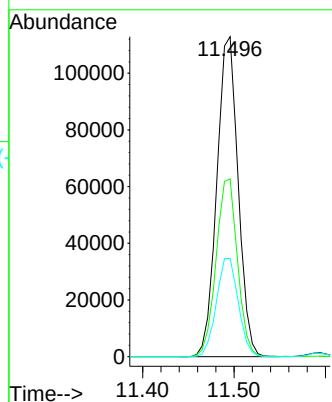
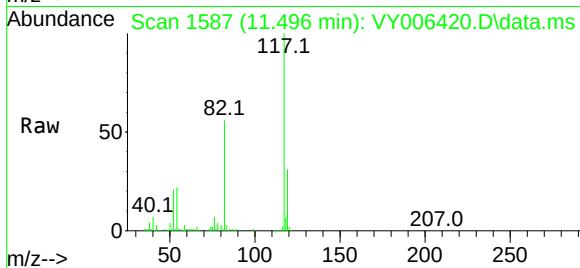




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

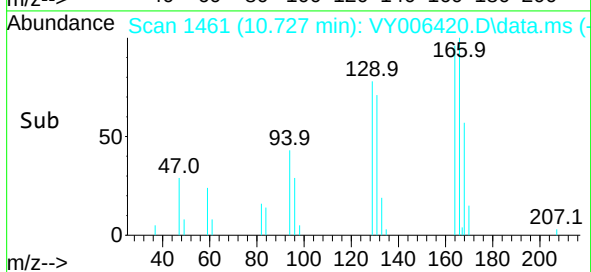
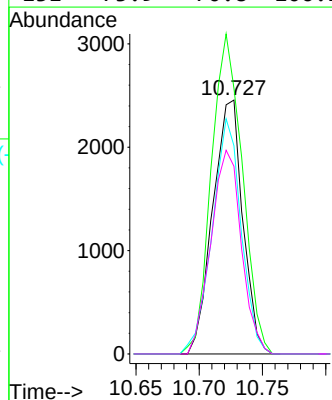
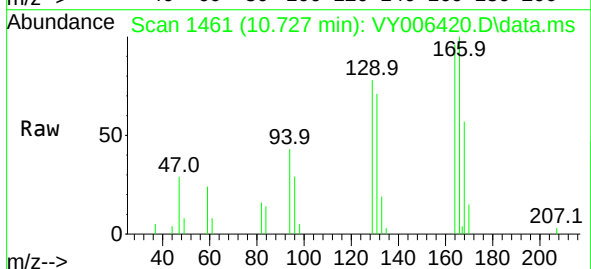
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

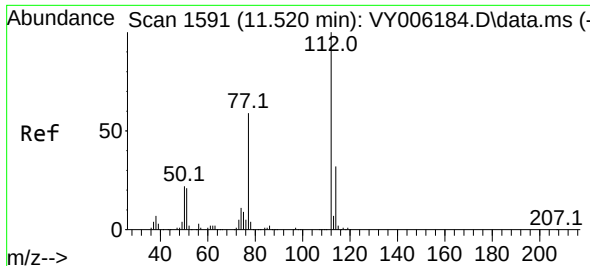
Tgt Ion:117 Resp: 182864
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 30.7 25.4 38.0



#64
Tetrachloroethene
Concen: 2.751 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion:164 Resp: 4051
Ion Ratio Lower Upper
164 100
166 104.6 100.4 150.6
129 82.0 71.4 107.0
131 73.9 70.8 106.2

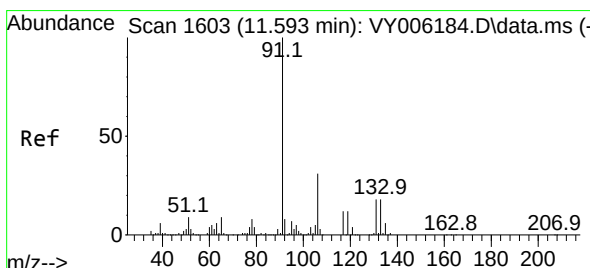
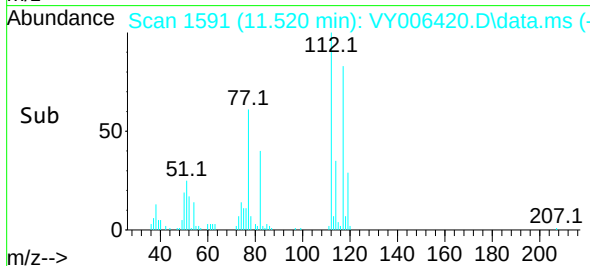
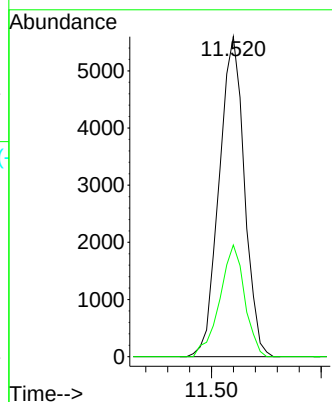
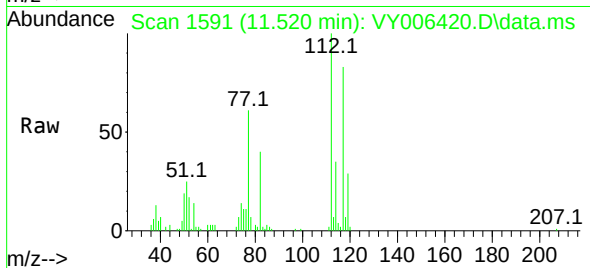




#65
Chlorobenzene
Concen: 2.468 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

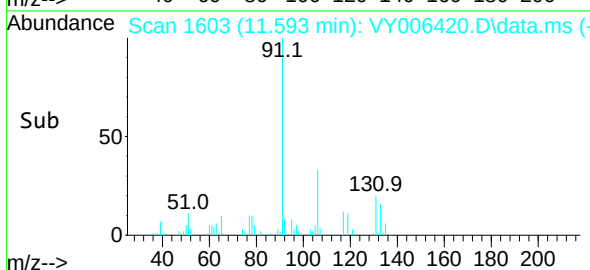
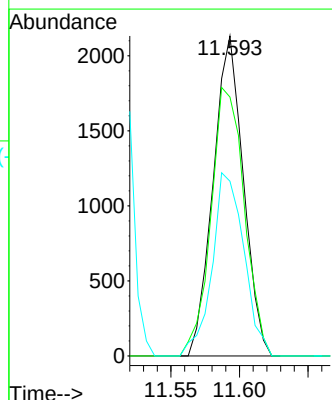
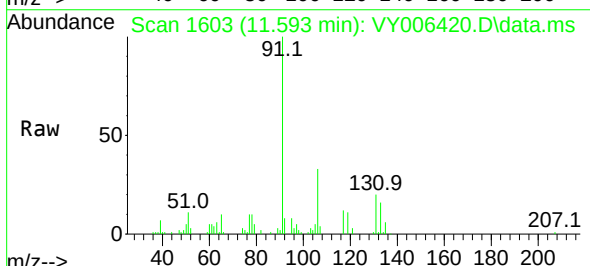
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

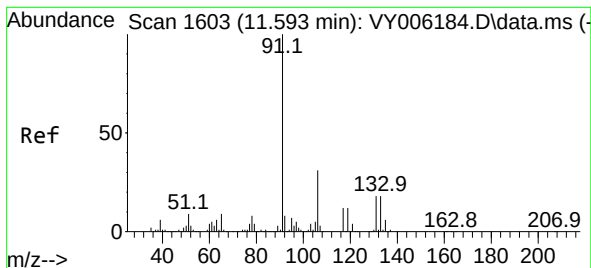
Tgt Ion:112 Resp: 8942
Ion Ratio Lower Upper
112 100
114 34.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.446 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion:131 Resp: 3266
Ion Ratio Lower Upper
131 100
133 92.7 47.9 143.6
119 60.3 30.8 92.3

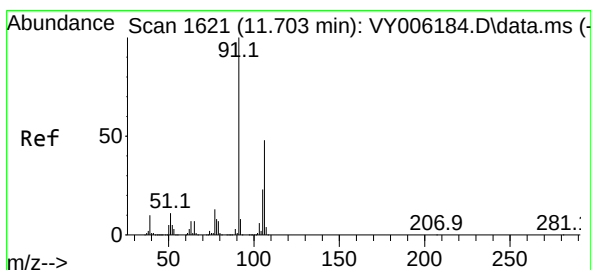
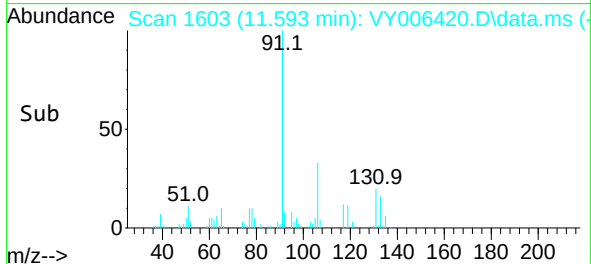
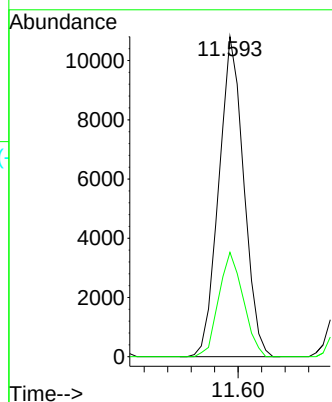
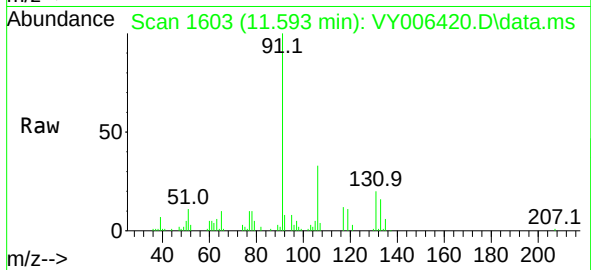




#67
Ethyl Benzene
Concen: 2.331 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

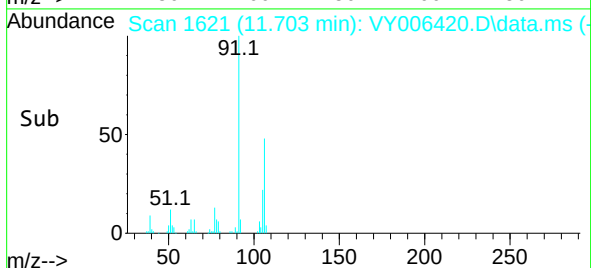
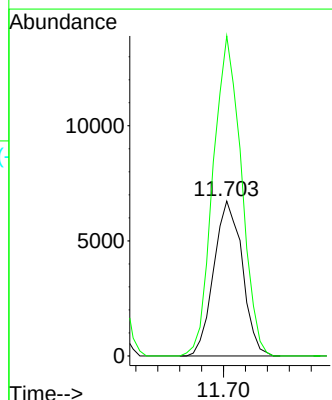
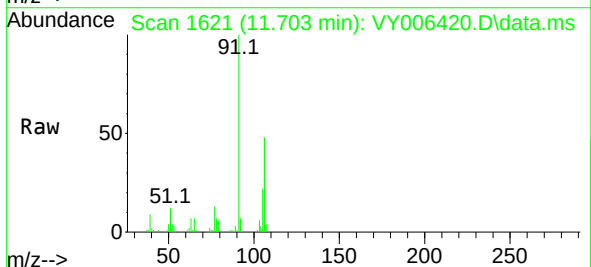
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

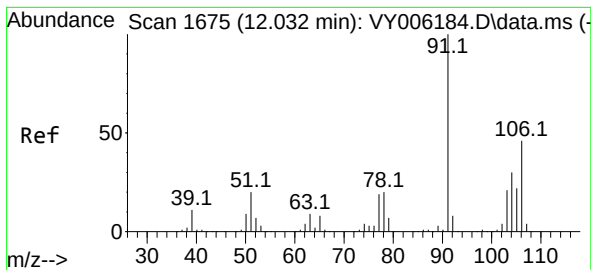
Tgt Ion: 91 Resp: 15920
Ion Ratio Lower Upper
91 100
106 32.6 24.5 36.7



#68
m/p-Xylenes
Concen: 4.686 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 106 Resp: 12144
Ion Ratio Lower Upper
106 100
91 204.9 166.6 249.8

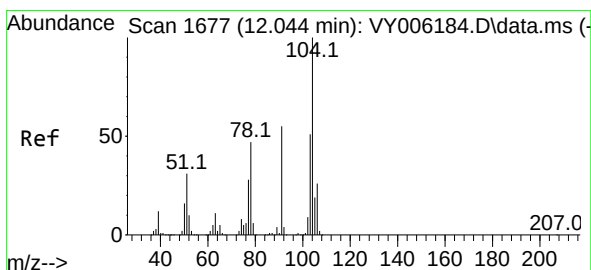
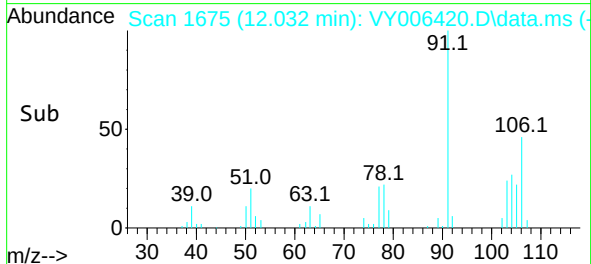
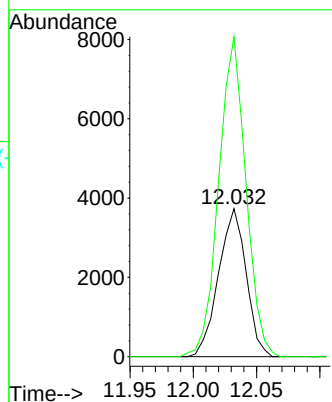
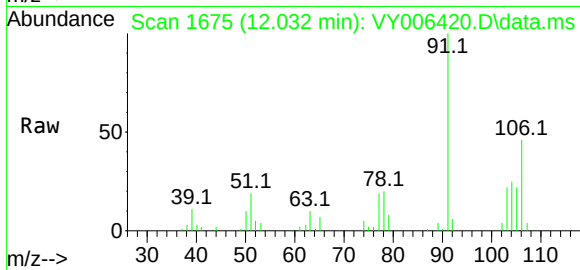




#69
o-Xylene
Concen: 2.313 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

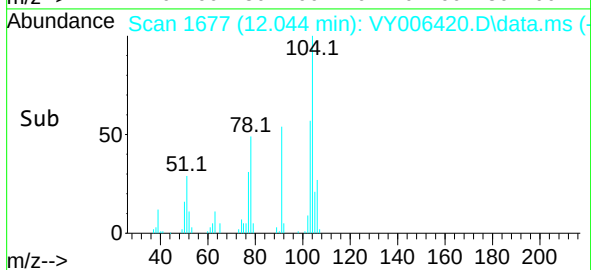
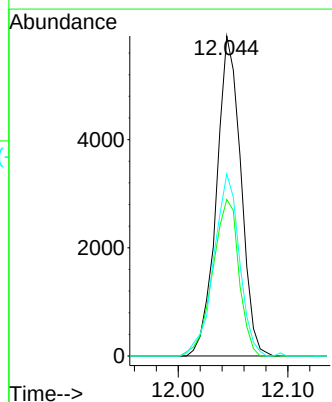
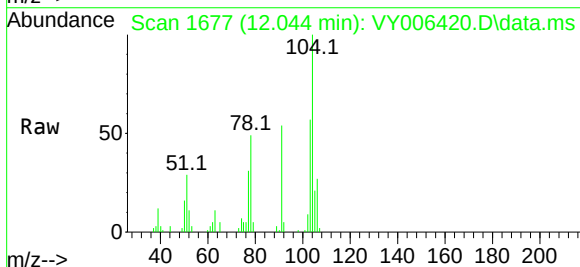
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

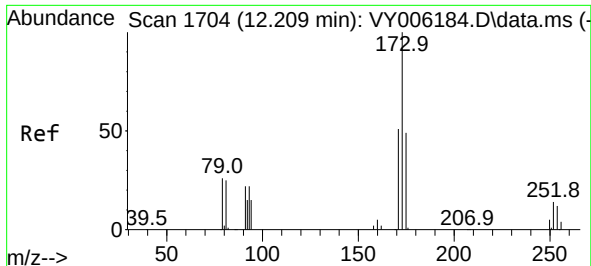
Tgt Ion:106 Resp: 5661
Ion Ratio Lower Upper
106 100
91 212.6 110.3 331.0



#70
Styrene
Concen: 2.199 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion:104 Resp: 9139
Ion Ratio Lower Upper
104 100
78 52.5 42.4 63.6
103 59.7 44.4 66.6

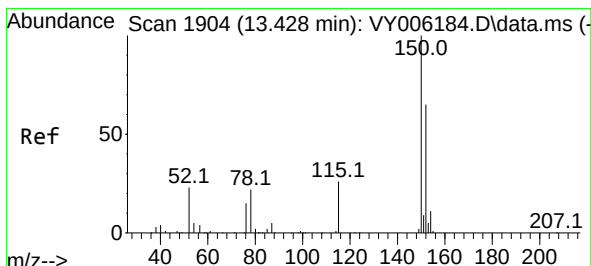
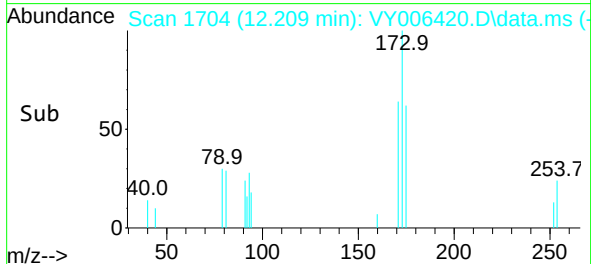
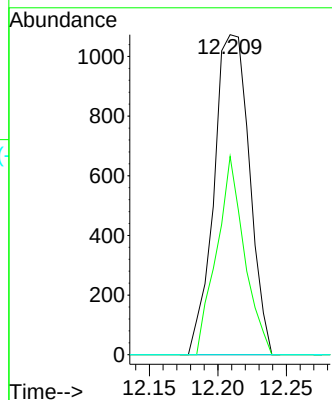
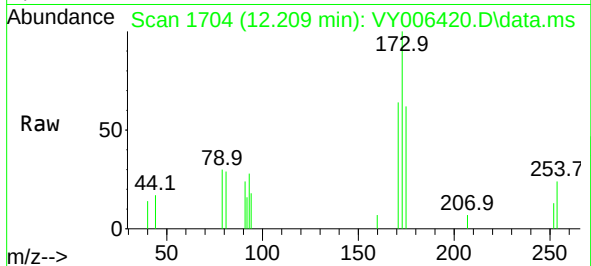




#71
Bromoform
Concen: 2.327 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

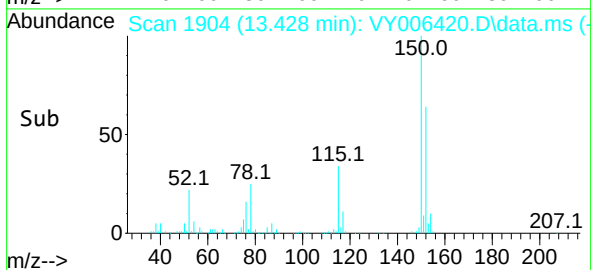
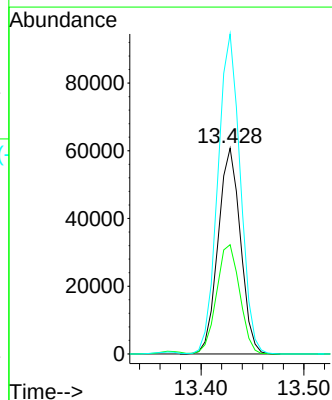
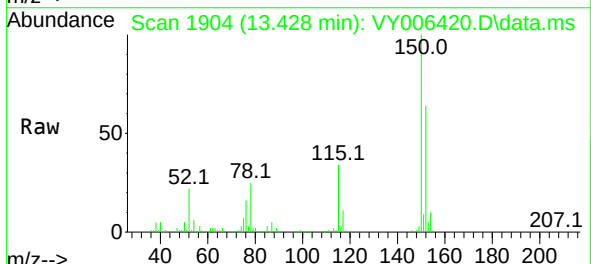
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

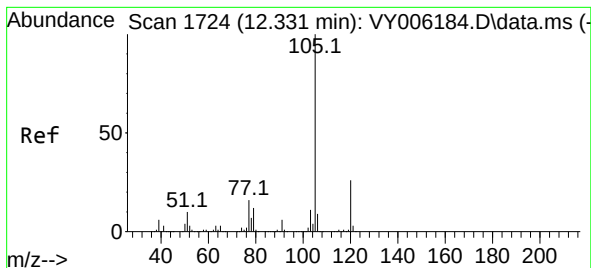
Tgt Ion:173 Resp: 1932
Ion Ratio Lower Upper
173 100
175 48.5 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion:152 Resp: 91647
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 156.6 0.0 347.6





#73

Isopropylbenzene

Concen: 2.237 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY006420.D

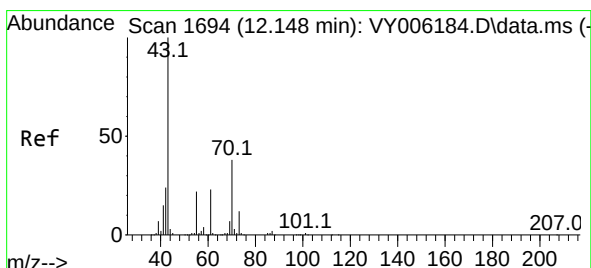
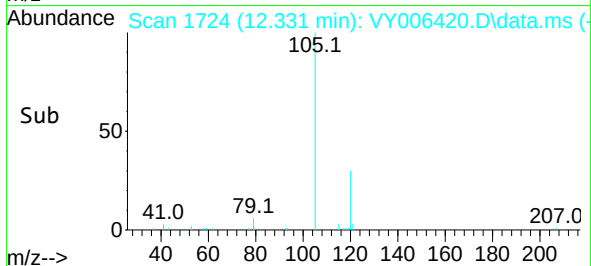
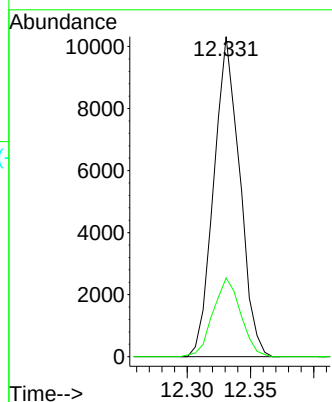
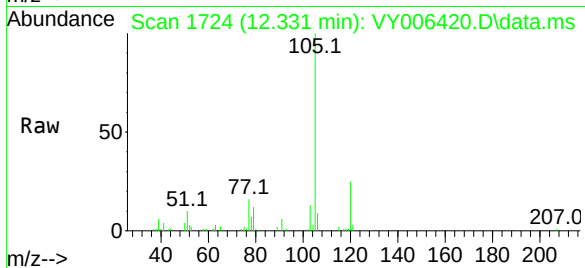
Acq: 19 Oct 2021 12:00

Tgt Ion: 105 Resp: 14687

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.2



#74

N-ethyl acetate

Concen: 1.934 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY006420.D

Acq: 19 Oct 2021 12:00

Tgt Ion: 43 Resp: 3941

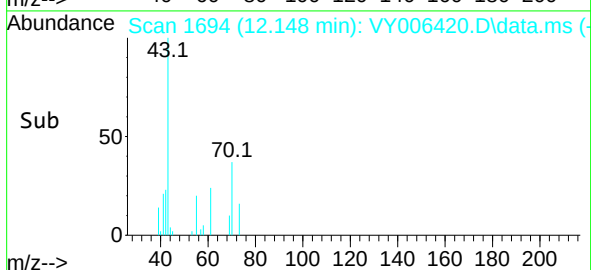
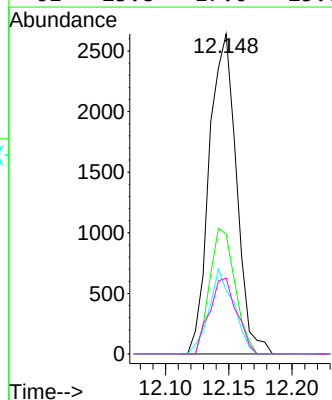
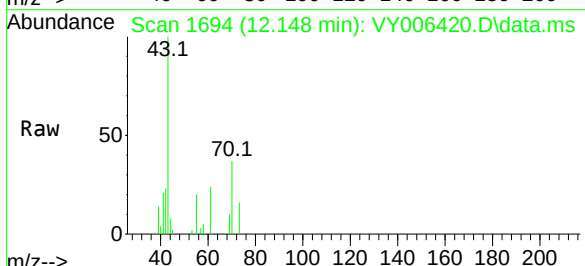
Ion Ratio Lower Upper

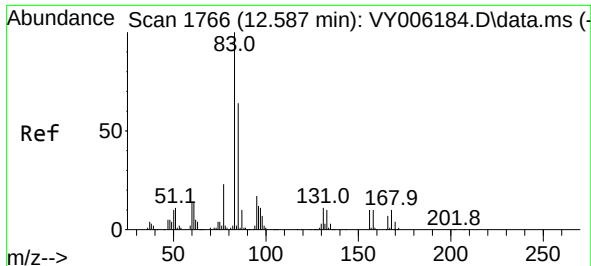
43 100

70 36.5 28.7 43.1

55 24.1 17.3 25.9

61 23.8 17.0 25.6

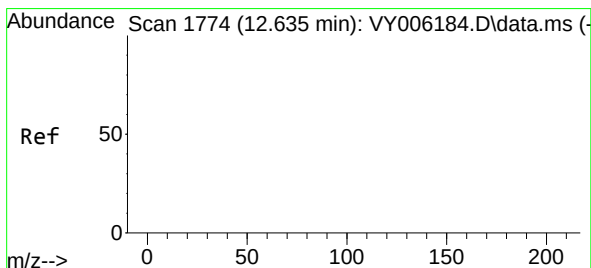
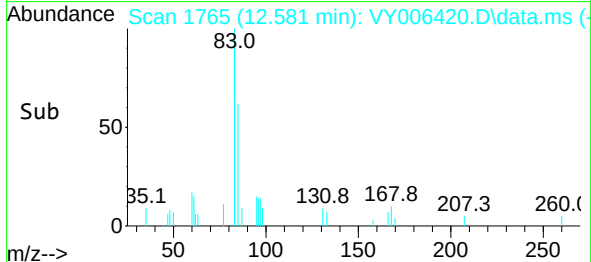
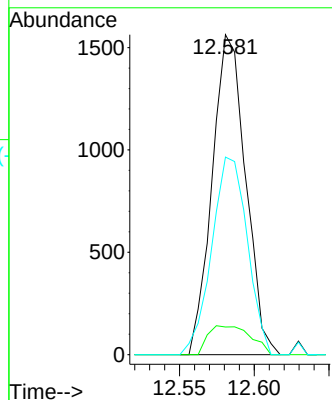
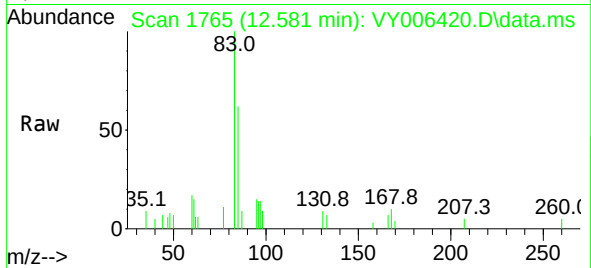




#75
1,1,2,2-Tetrachloroethane
Concen: 2.050 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

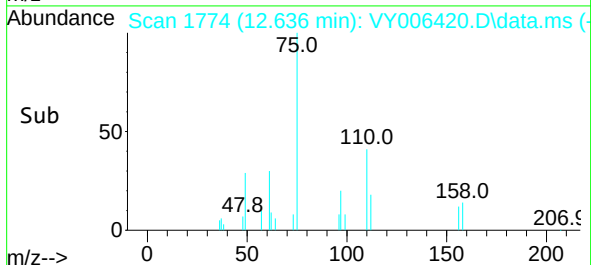
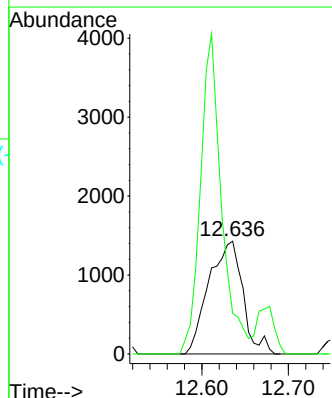
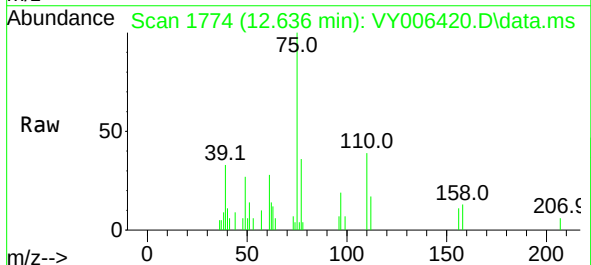
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

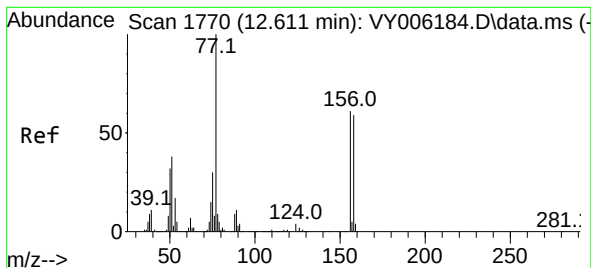
Tgt Ion: 83	Resp: 2431
Ion Ratio	Lower Upper
83 100	
131 11.5	5.6 16.8
85 65.7	32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 4.382 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 75	Resp: 3903
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0

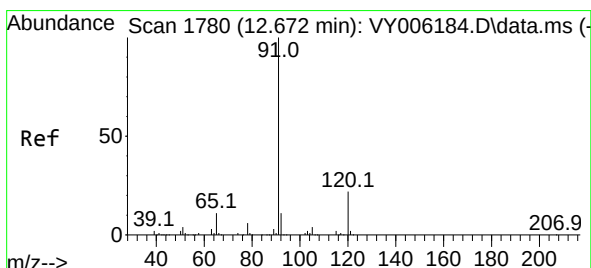
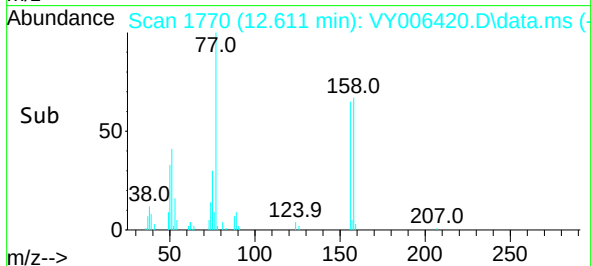
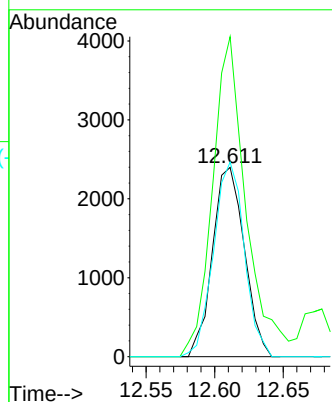
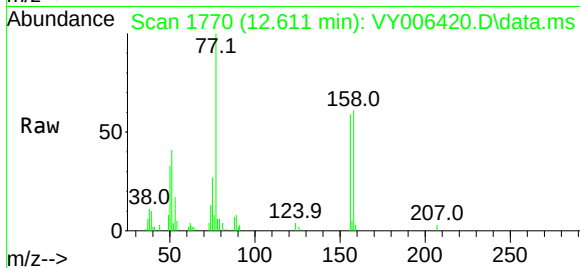




#77
Bromobenzene
Concen: 2.528 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

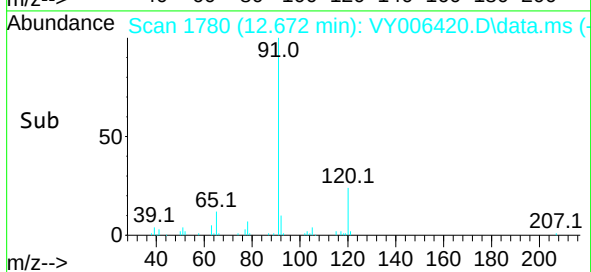
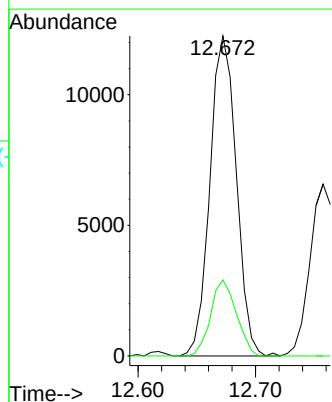
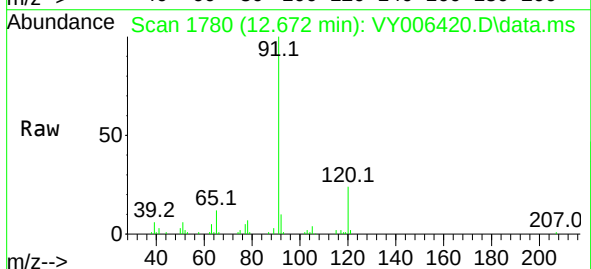
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

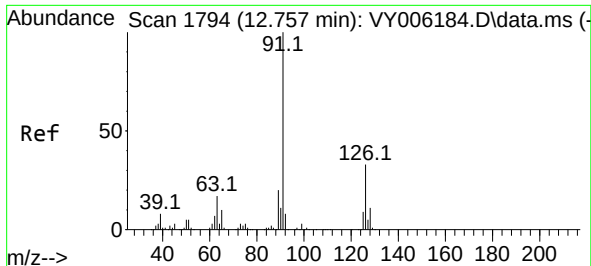
Tgt Ion:156 Resp: 3891
Ion Ratio Lower Upper
156 100
77 175.9 95.5 286.4
158 99.0 48.0 144.0



#78
n-propylbenzene
Concen: 2.362 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 91 Resp: 19087
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9

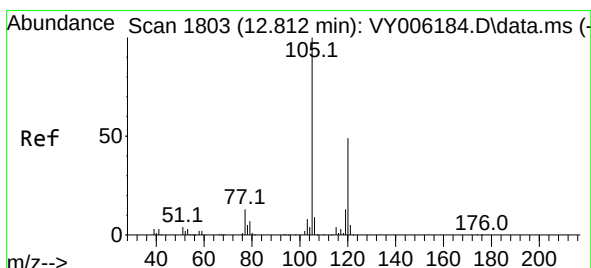
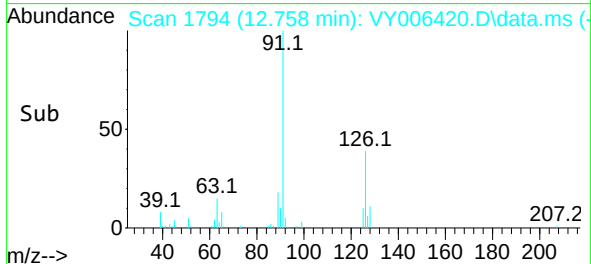
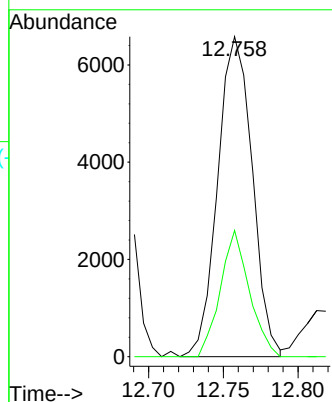
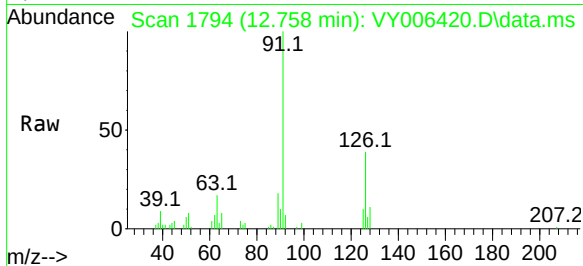




#79
2-Chlorotoluene
Concen: 2.364 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

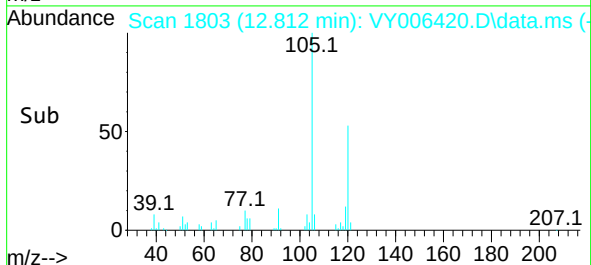
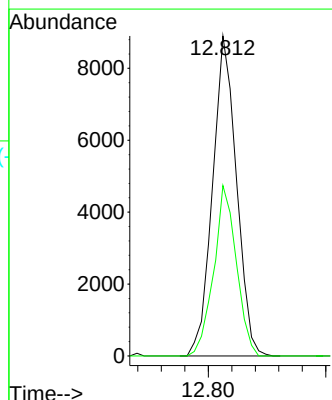
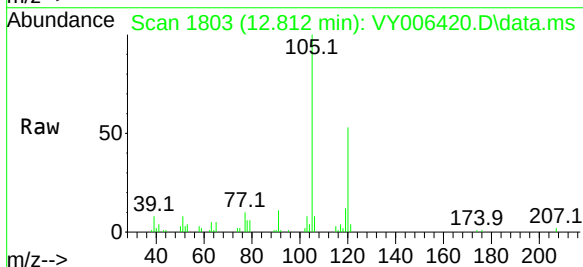
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

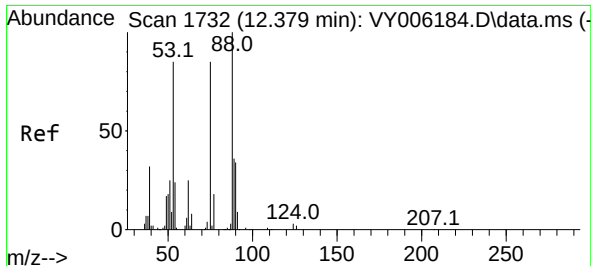
Tgt Ion: 91 Resp: 10570
Ion Ratio Lower Upper
91 100
126 33.2 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 2.288 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 105 Resp: 12557
Ion Ratio Lower Upper
105 100
120 50.5 24.4 73.4

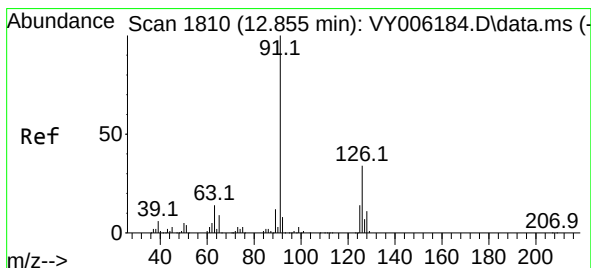
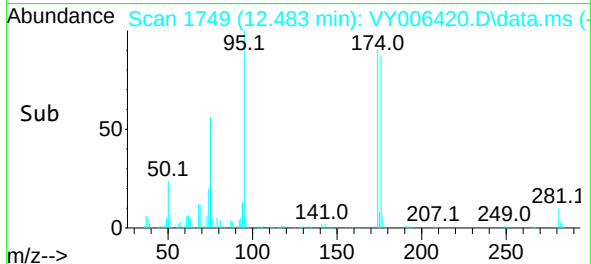
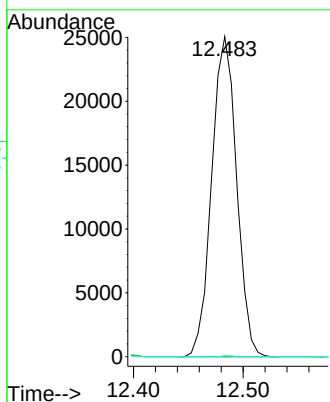
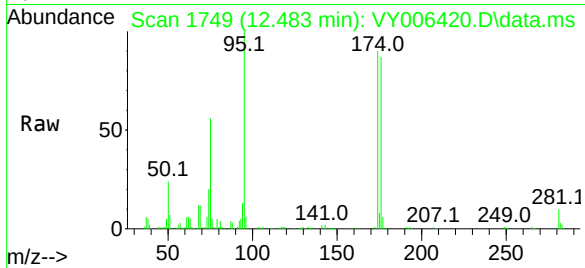




#81
trans-1,4-Dichloro-2-butene
Concen: 87.284 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

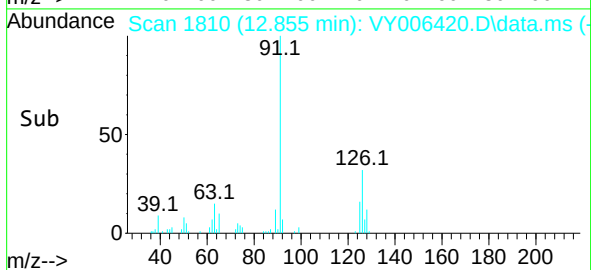
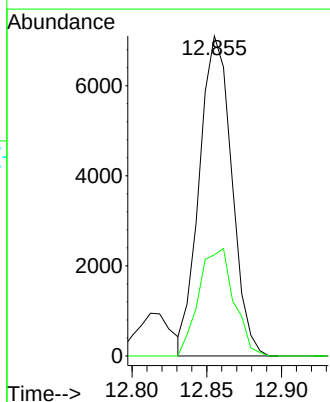
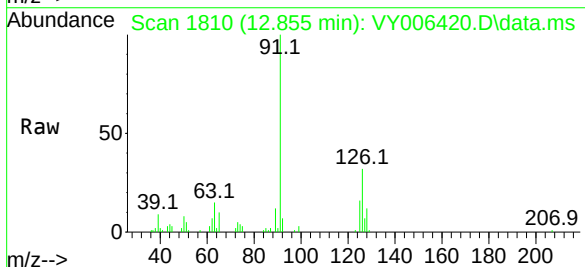
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

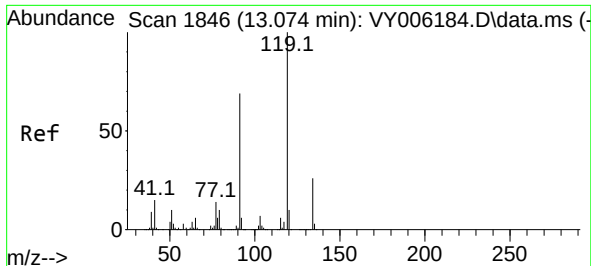
Tgt Ion: 75 Resp: 39564
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#82
4-Chlorotoluene
Concen: 2.314 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 91 Resp: 10702
Ion Ratio Lower Upper
91 100
126 36.5 17.0 51.0

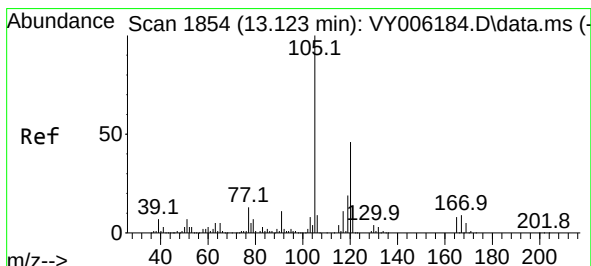
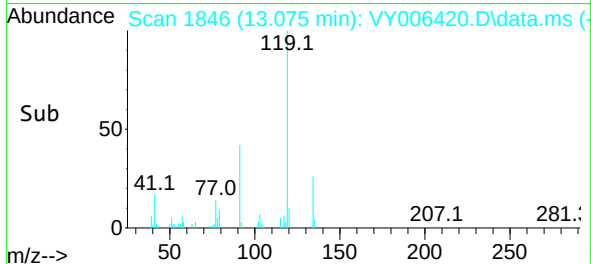
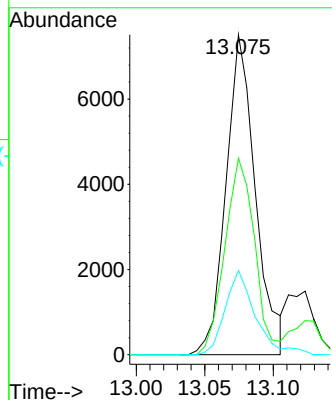
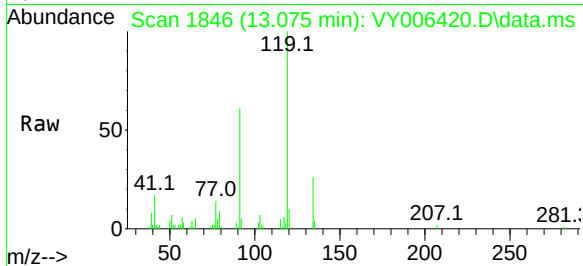




#83
tert-Butylbenzene
Concen: 2.392 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

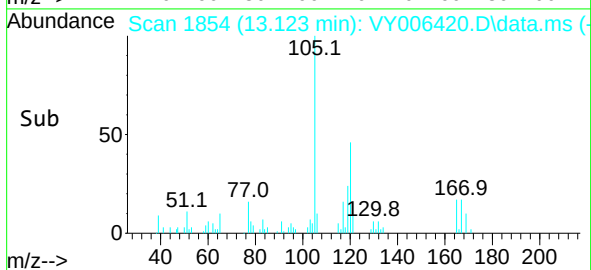
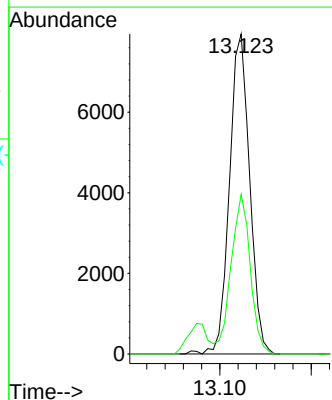
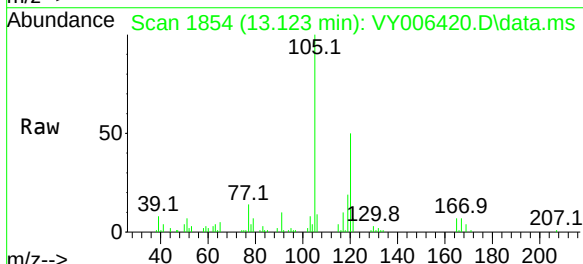
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

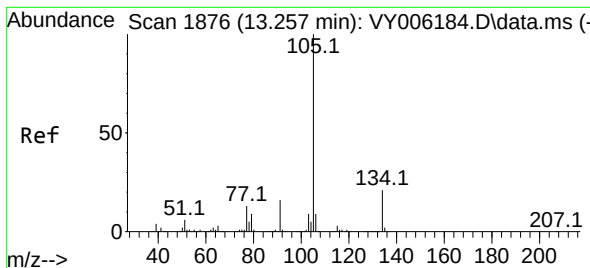
Tgt Ion:	119	Resp:	11225
Ion	Ratio	Lower	Upper
119	100		
91	62.3	34.8	104.4
134	27.0	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 2.243 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion:	105	Resp:	12156
Ion	Ratio	Lower	Upper
105	100		
120	47.6	22.3	66.9





#85

sec-Butylbenzene

Concen: 2.251 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY006420.D

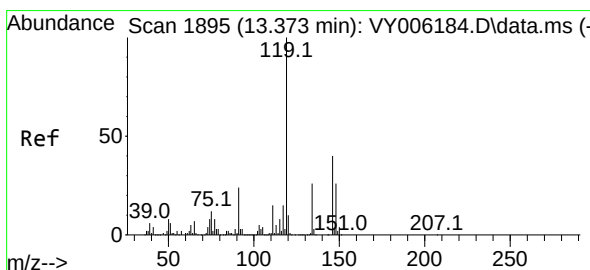
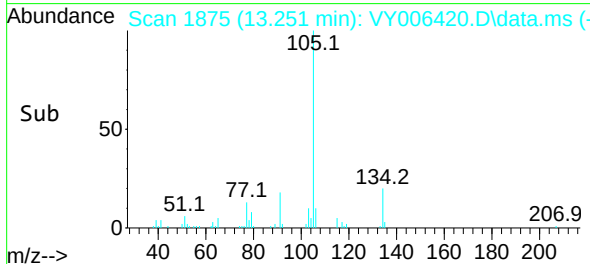
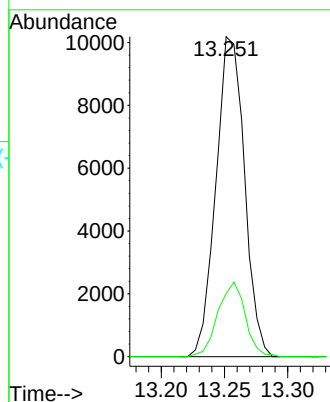
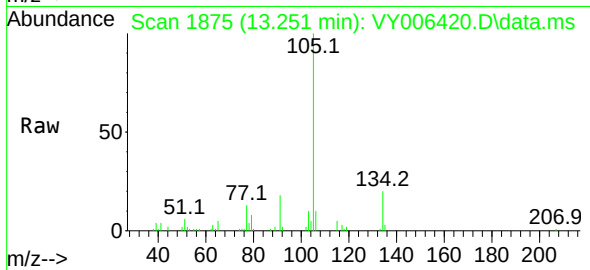
Acq: 19 Oct 2021 12:00

Tgt Ion:105 Resp: 15962

Ion Ratio Lower Upper

105 100

134 22.4 10.2 30.4



#86

p-Isopropyltoluene

Concen: 2.251 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY006420.D

Acq: 19 Oct 2021 12:00

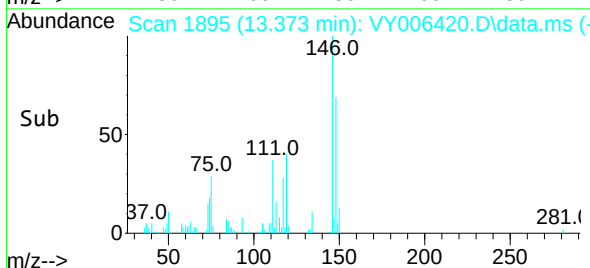
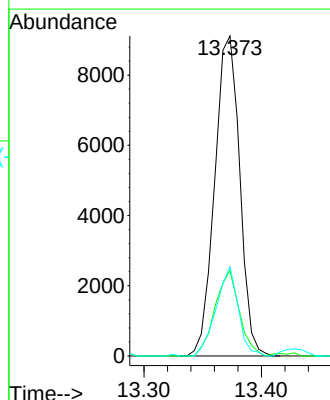
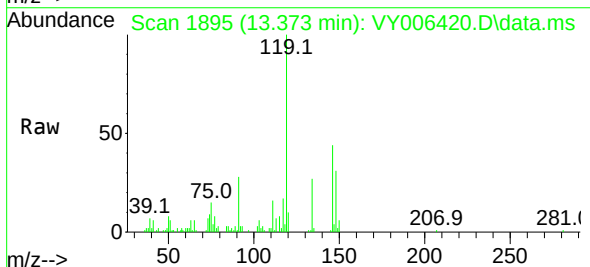
Tgt Ion:119 Resp: 13474

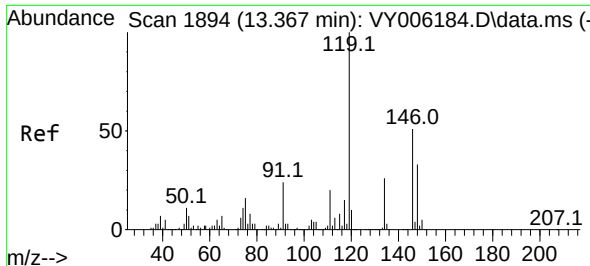
Ion Ratio Lower Upper

119 100

134 25.8 13.2 39.5

91 24.7 12.4 37.2

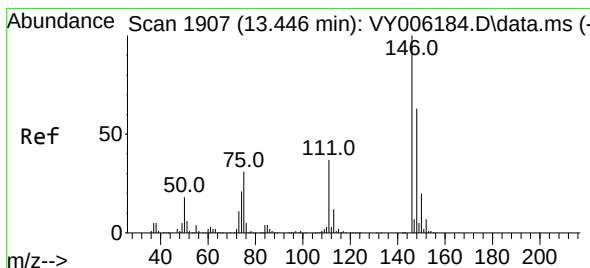
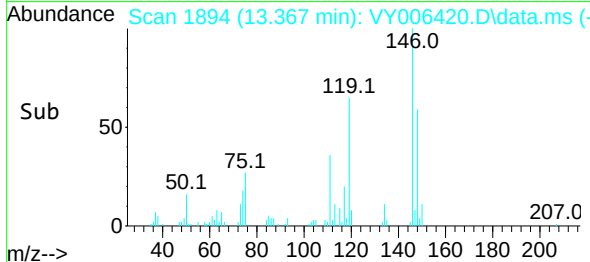
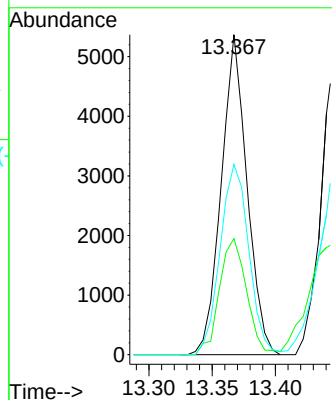
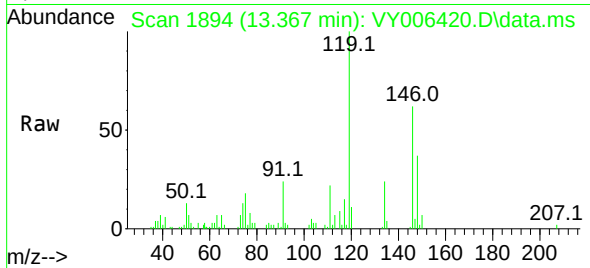




#87
1,3-Dichlorobenzene
Concen: 2.492 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

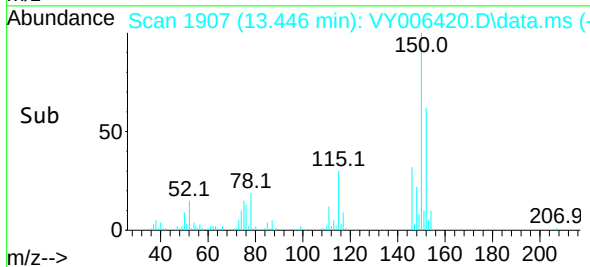
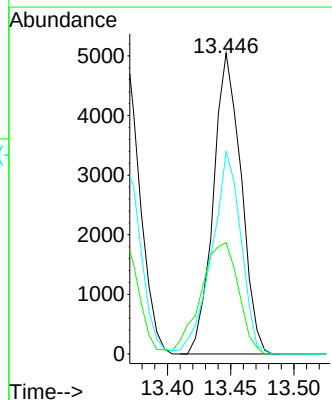
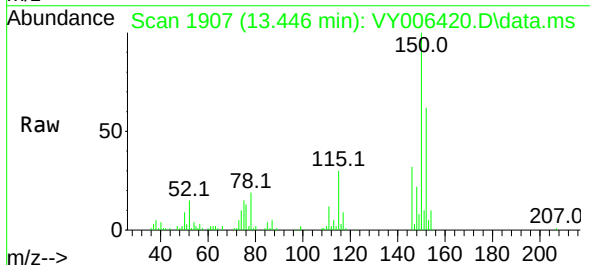
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

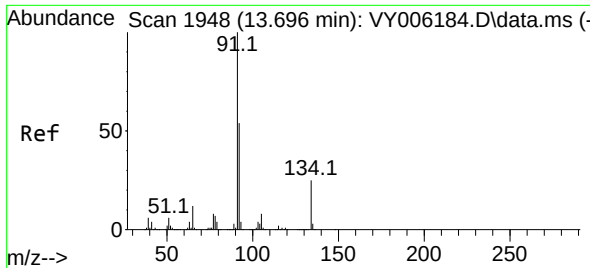
Tgt Ion:	146	Resp:	7599
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.5	58.5
148	66.1	31.6	95.0



#88
1,4-Dichlorobenzene
Concen: 2.556 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion:	146	Resp:	7687
Ion Ratio	Lower	Upper	
146	100		
111	50.2	19.3	57.8
148	71.0	32.6	97.8

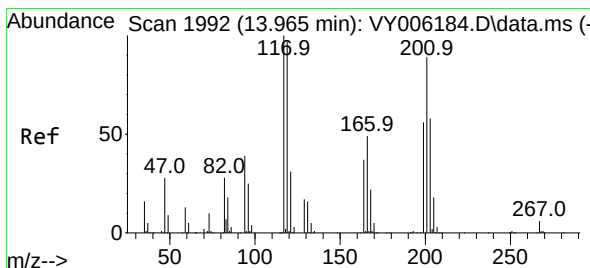
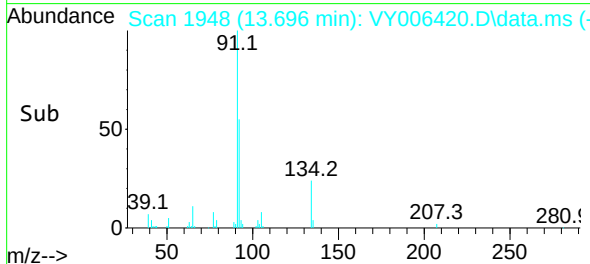
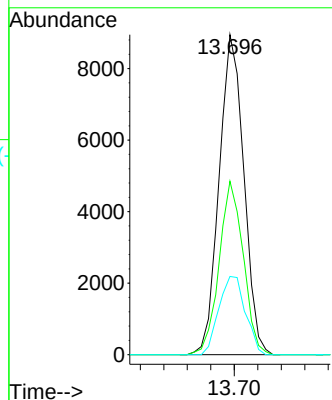
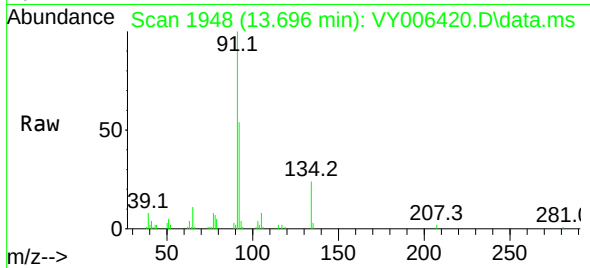




#89
n-Butylbenzene
Concen: 2.299 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

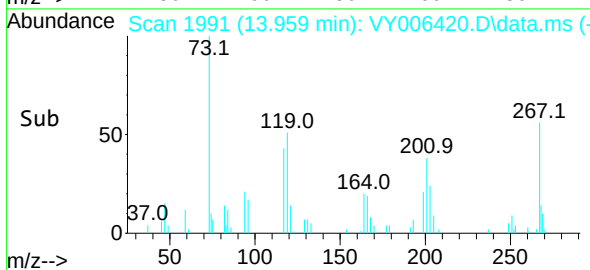
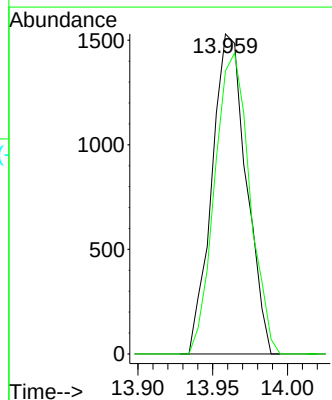
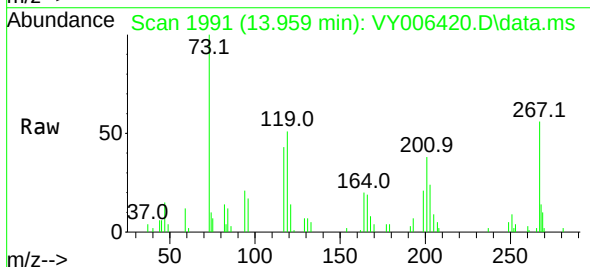
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

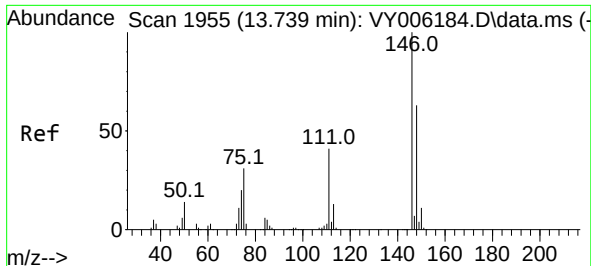
Tgt Ion:	91	Resp:	13076
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.9
134	26.3	13.0	38.9



#90
Hexachloroethane
Concen: 2.250 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion:	117	Resp:	2445
Ion	Ratio	Lower	Upper
117	100		
201	95.8	43.0	128.8

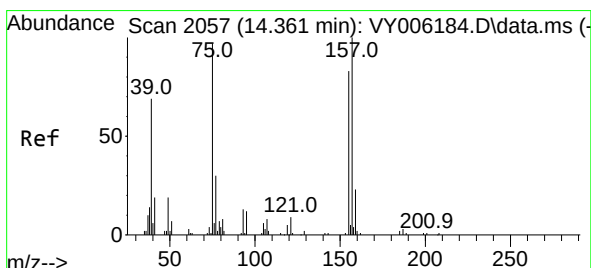
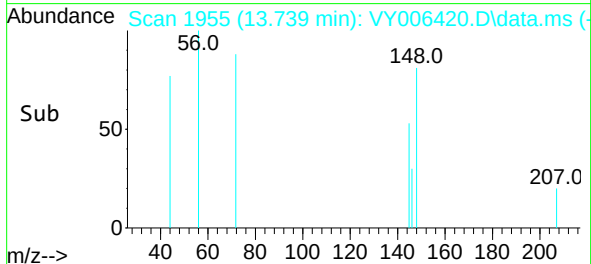
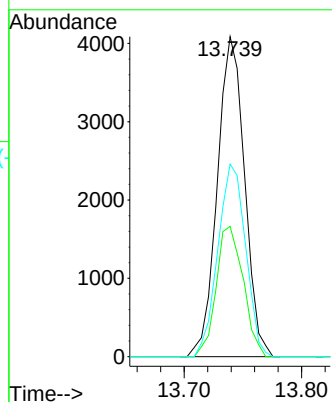
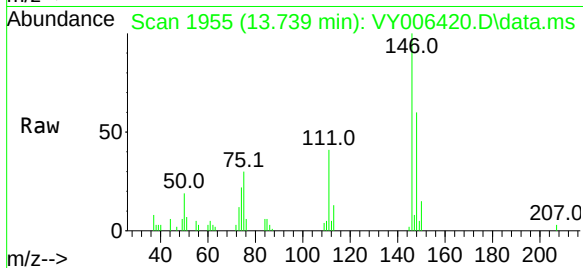




#91
1,2-Dichlorobenzene
Concen: 2.471 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

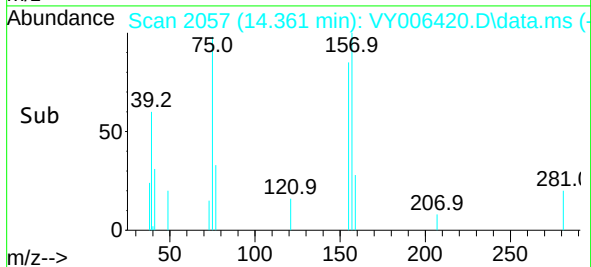
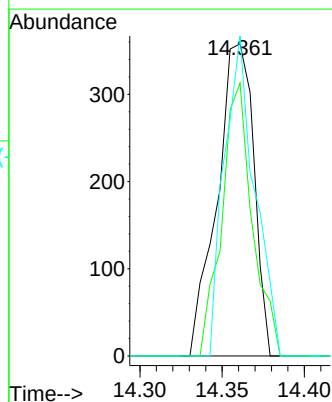
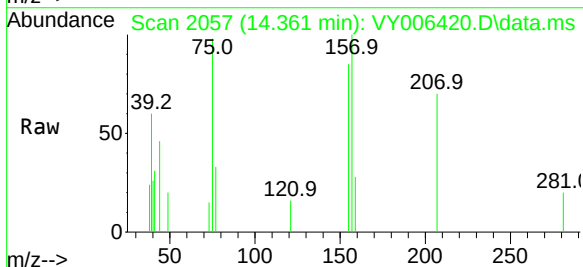
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

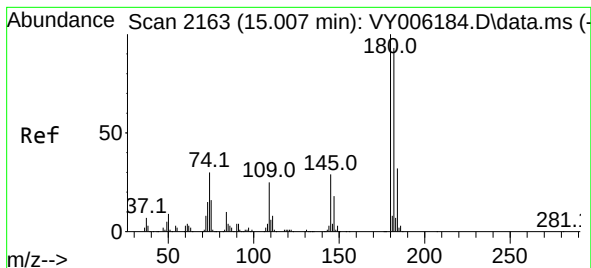
Tgt Ion:146 Resp: 6589
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 61.3 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.457 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion: 75 Resp: 555
Ion Ratio Lower Upper
75 100
155 73.2 38.0 113.9
157 85.2 47.8 143.3

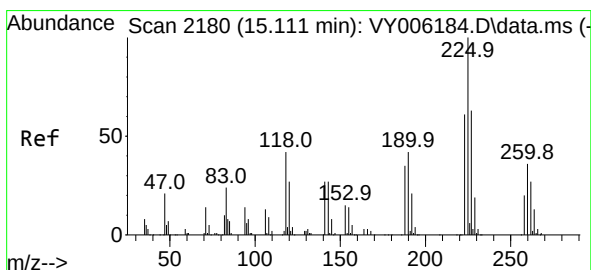
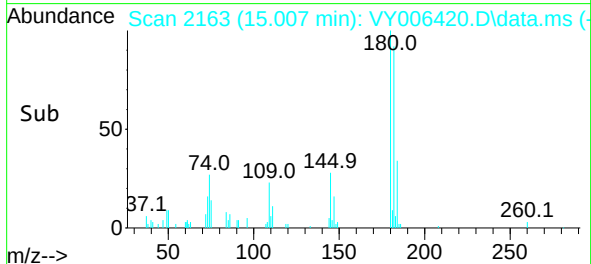
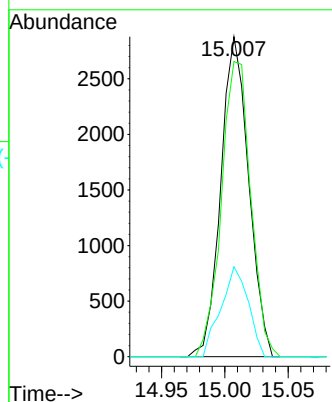
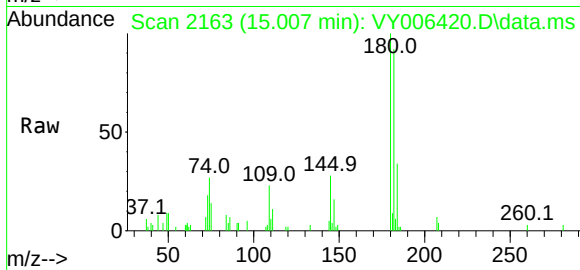




#93
1,2,4-Trichlorobenzene
Concen: 2.500 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

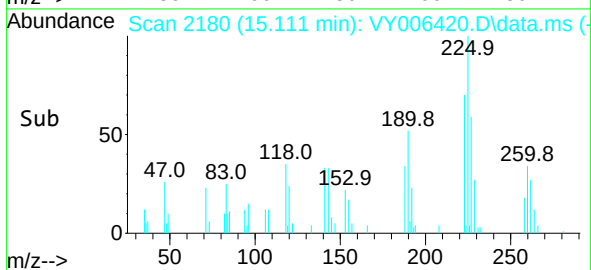
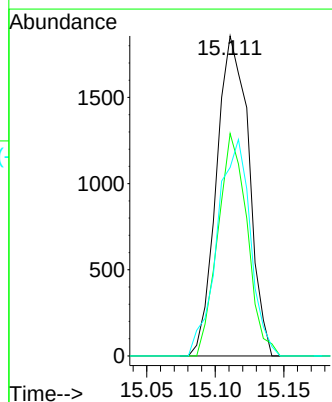
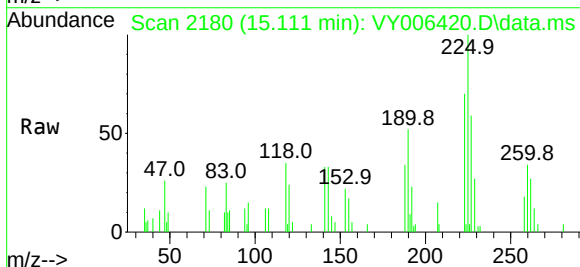
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2021

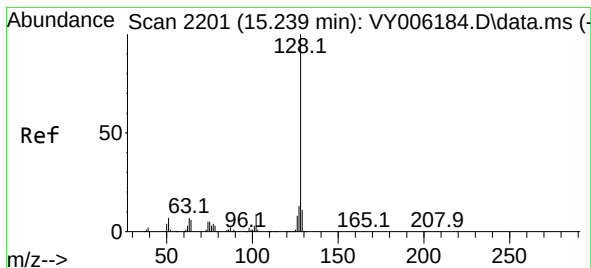
Tgt Ion:	180	Resp:	4406
Ion Ratio	Lower	Upper	
180	100		
182	97.3	47.3	141.9
145	27.6	14.6	43.8



#94
Hexachlorobutadiene
Concen: 2.644 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion:	225	Resp:	3039
Ion Ratio	Lower	Upper	
225	100		
223	63.2	30.8	92.3
227	69.6	31.6	94.7

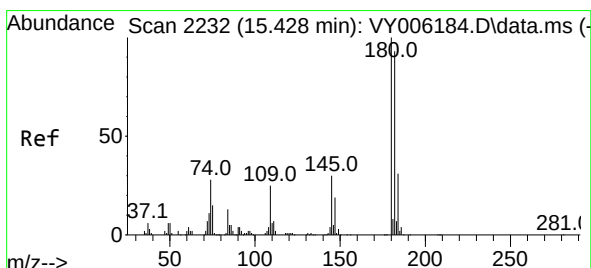
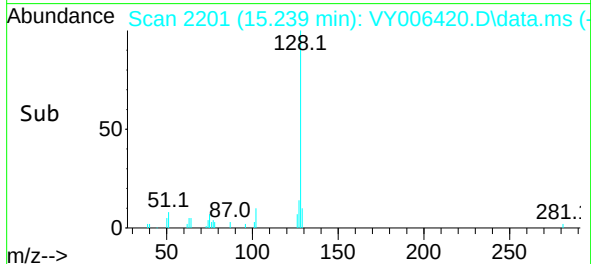
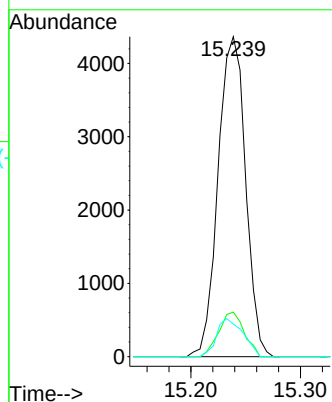
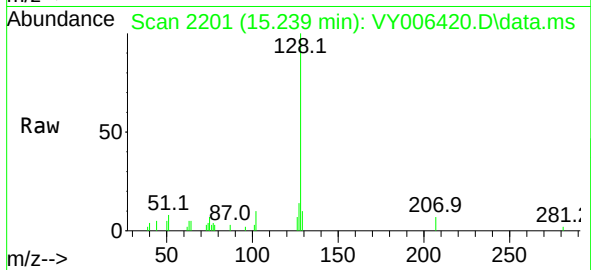




#95
Naphthalene
Concen: 2.168 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

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

Tgt Ion:128 Resp: 7590
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 11.5 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 2.438 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY006420.D
Acq: 19 Oct 2021 12:00

Tgt Ion:180 Resp: 3807
Ion Ratio Lower Upper
180 100
182 97.6 47.3 141.9
145 29.2 15.3 45.9

