

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008106.D
 Acq On : 30 Mar 2022 13:21
 Operator : SY/MD
 Sample : N1645-03 2.5ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 31 04:30:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	285174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	497775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	451736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	131974	46.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.260%
35) Dibromofluoromethane	7.722	113	157945	50.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.220%
50) Toluene-d8	10.179	98	616750	52.453	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.900%
62) 4-Bromofluorobenzene	12.483	95	200149	48.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.500%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	5992	2.331	ug/l	97
3) Chloromethane	2.119	50	7890	2.520	ug/l	99
4) Vinyl Chloride	2.259	62	10217	2.453	ug/l	97
5) Bromomethane	2.656	94	9768	2.862	ug/l	100
6) Chloroethane	2.802	64	6922	2.526	ug/l	97
7) Trichlorofluoromethane	3.137	101	13028	2.473	ug/l	86
8) Diethyl Ether	3.534	74	3892	2.281	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.905	101	8457	2.588	ug/l	95
10) Methyl Iodide	4.101	142	7160	3.509	ug/l	92
11) Tert butyl alcohol	4.942	59	2158	7.270	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	7952	2.628	ug/l #	71
13) Acrolein	3.735	56	2037	8.431	ug/l	92
14) Allyl chloride	4.485	41	9866	2.478	ug/l #	87
15) Acrylonitrile	5.167	53	6893	8.481	ug/l	96
16) Acetone	3.954	43	5826	8.909	ug/l #	81
17) Carbon Disulfide	4.204	76	20750	2.420	ug/l	95
18) Methyl Acetate	4.485	43	5735	Below Cal	#	82
19) Methyl tert-butyl Ether	5.222	73	18785	2.185	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	9612	2.744	ug/l #	82
22) Diisopropyl ether	6.118	45	22553	2.633	ug/l #	88
23) Vinyl Acetate	6.070	43	47395	8.931	ug/l #	91
24) 1,1-Dichloroethane	6.027	63	14758	2.603	ug/l	99
25) 2-Butanone	6.984	43	8426	8.467	ug/l	92
26) 2,2-Dichloropropane	6.984	77	14426	2.687	ug/l	90
27) cis-1,2-Dichloroethene	6.990	96	10965	2.700	ug/l	80
28) Bromochloromethane	7.332	49	5171	Below Cal	#	69
29) Tetrahydrofuran	7.350	42	5447	8.419	ug/l #	74
30) Chloroform	7.515	83	16771	2.732	ug/l	91
31) Cyclohexane	7.789	56	19064	3.565	ug/l #	51
32) 1,1,1-Trichloroethane	7.704	97	14912	2.629	ug/l	95
36) 1,1-Dichloropropene	7.923	75	12724	2.595	ug/l	97
37) Ethyl Acetate	7.076	43	3953	1.726	ug/l #	89
38) Carbon Tetrachloride	7.905	117	13226	2.476	ug/l	97
39) Methylcyclohexane	9.185	83	16590	2.507	ug/l #	85
40) Benzene	8.167	78	36027	2.569	ug/l	94
41) Methacrylonitrile	7.350	41	5356	4.658	ug/l #	20

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.240	62	8900	2.262	ug/l	90
43) Isopropyl Acetate	8.277	43	7784	1.731	ug/l #	77
44) Trichloroethene	8.947	130	10457	2.579	ug/l	92
45) 1,2-Dichloropropane	9.222	63	8056	2.438	ug/l	99
46) Dibromomethane	9.307	93	4659	2.144	ug/l	90
47) Bromodichloromethane	9.496	83	11955	2.406	ug/l	98
48) Methyl methacrylate	9.295	41	3520	1.768	ug/l #	81
49) 1,4-Dioxane	9.301	88	767	26.551	ug/l #	75
51) 4-Methyl-2-Pentanone	10.075	43	19127	8.435	ug/l #	87
52) Toluene	10.246	92	24120	2.623	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	10736	2.108	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	13321	2.310	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	6507	2.169	ug/l	95
56) Ethyl methacrylate	10.514	69	7001	1.789	ug/l #	77
57) 1,3-Dichloropropane	10.794	76	10595	2.157	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	17698	10.913	ug/l #	87
59) 2-Hexanone	10.837	43	12532	7.898	ug/l	85
60) Dibromochloromethane	10.983	129	7399	2.027	ug/l	99
61) 1,2-Dibromoethane	11.087	107	5725	1.916	ug/l	97
64) Tetrachloroethene	10.721	164	9189	2.648	ug/l	96
65) Chlorobenzene	11.520	112	25642	2.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	8698	2.315	ug/l	96
67) Ethyl Benzene	11.599	91	45685	2.559	ug/l	96
68) m/p-Xylenes	11.703	106	35830	5.047	ug/l	93
69) o-Xylene	12.032	106	17464	2.569	ug/l	90
70) Styrene	12.050	104	26376	2.371	ug/l	95
71) Bromoform	12.209	173	3906	1.722	ug/l #	98
73) Isopropylbenzene	12.331	105	46006	2.797	ug/l	99
74) N-amyl acetate	12.148	43	6794	1.879	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.587	83	6472	2.024	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	8328	3.428	ug/l #	100
77) Bromobenzene	12.611	156	9924	2.630	ug/l	90
78) n-propylbenzene	12.672	91	53681	2.767	ug/l	99
79) 2-Chlorotoluene	12.758	91	30075	2.794	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	36281	2.692	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	101643	93.358	ug/l #	7
82) 4-Chlorotoluene	12.855	91	30368	2.750	ug/l	97
83) tert-Butylbenzene	13.081	119	33807	2.816	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	35702	2.721	ug/l	97
85) sec-Butylbenzene	13.257	105	50102	2.827	ug/l	100
86) p-Isopropyltoluene	13.373	119	39825	2.701	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	19510	2.608	ug/l	97
88) 1,4-Dichlorobenzene	13.453	146	19654	2.634	ug/l	91
89) n-Butylbenzene	13.702	91	38052	2.804	ug/l	99
90) Hexachloroethane	13.965	117	7516	2.630	ug/l	79
91) 1,2-Dichlorobenzene	13.745	146	16677	2.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1023	2.005	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	9813	2.487	ug/l	96
94) Hexachlorobutadiene	15.117	225	5573	2.670	ug/l	96
95) Naphthalene	15.239	128	18570	2.130	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	8472	2.482	ug/l	98

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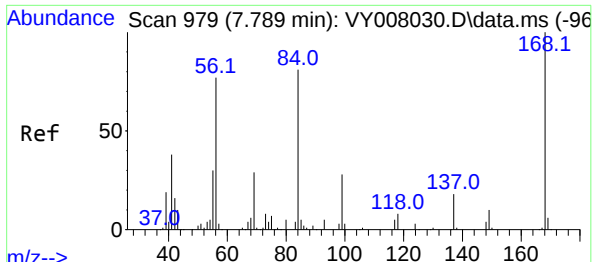
Quant Time: Mar 31 04:30:39 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-OT1-2022

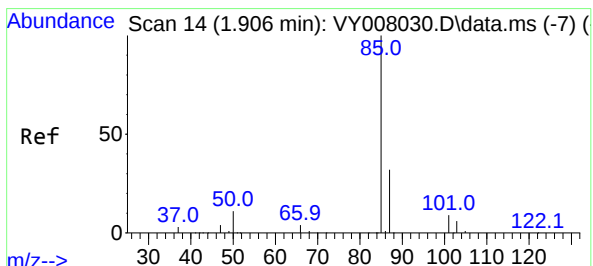
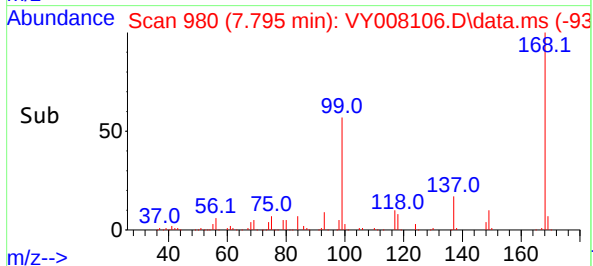
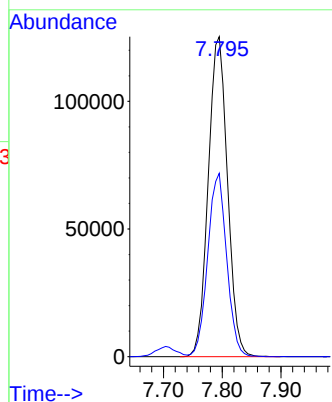
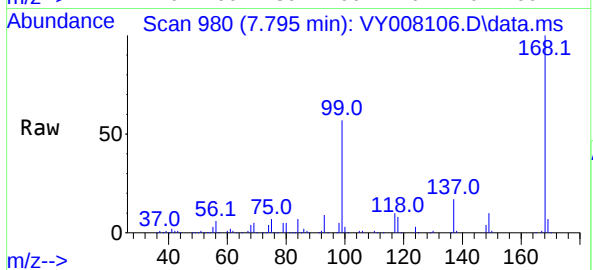
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

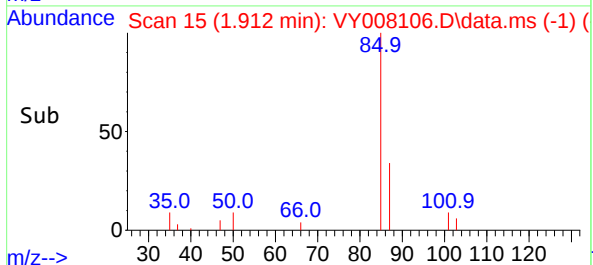
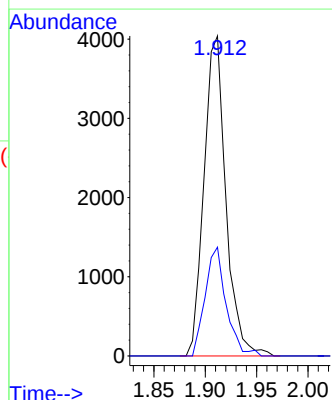
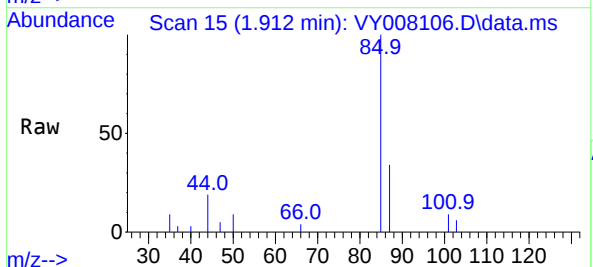
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:168 Resp: 285174
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 2.331 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 85 Resp: 5992
Ion Ratio Lower Upper
85 100
87 34.0 16.1 48.2

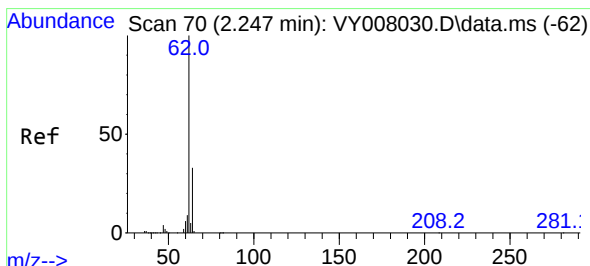
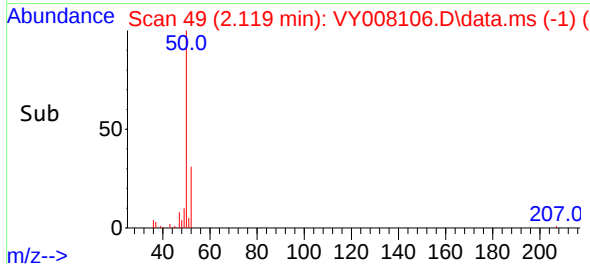
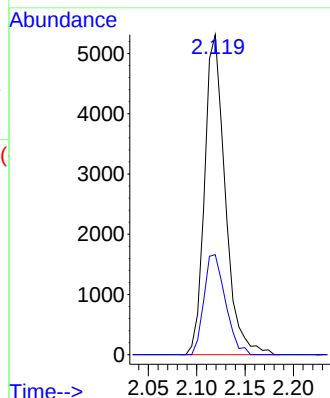
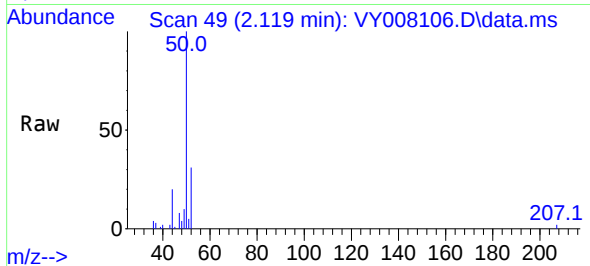




#3
Chloromethane
Concen: 2.520 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

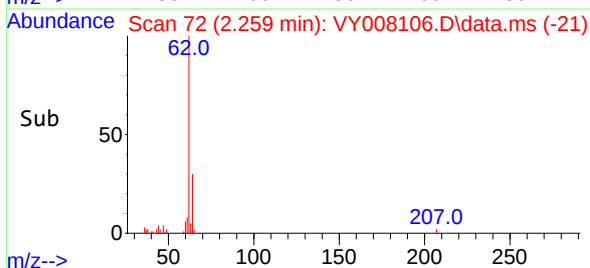
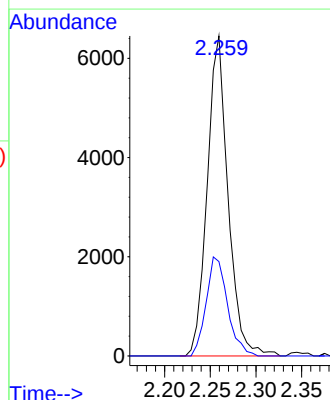
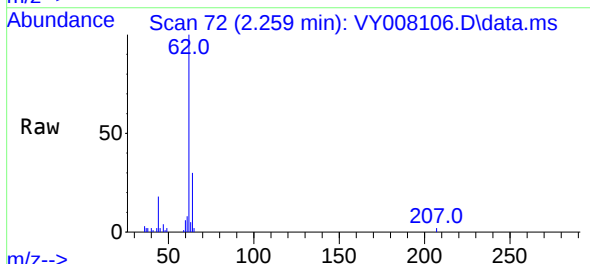
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion: 50 Resp: 7890
Ion Ratio Lower Upper
50 100
52 31.3 24.6 37.0



#4
Vinyl Chloride
Concen: 2.453 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 62 Resp: 10217
Ion Ratio Lower Upper
62 100
64 29.5 25.0 37.6

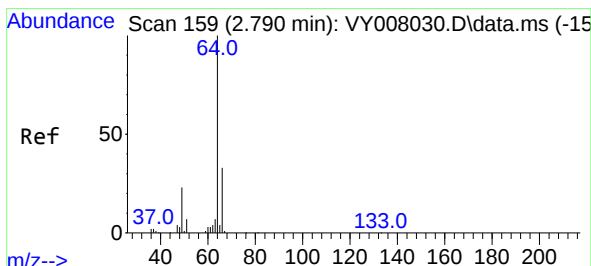
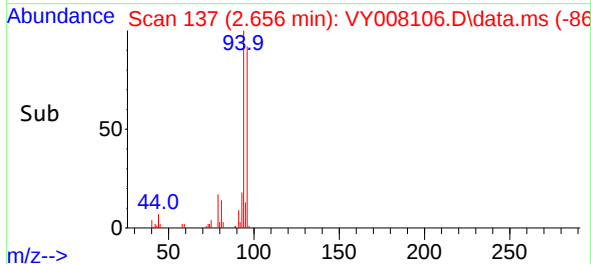
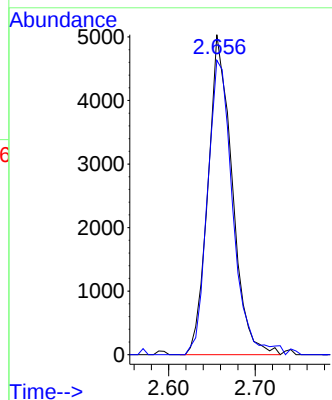
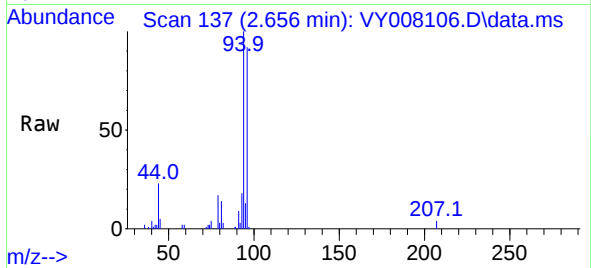




#5
Bromomethane
Concen: 2.862 ug/l
RT: 2.656 min Scan# 111
Delta R.T. 0.013 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

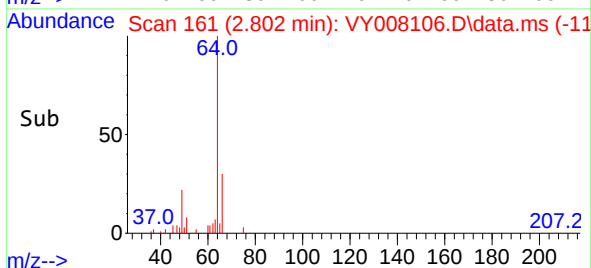
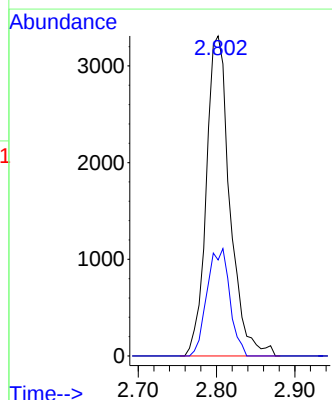
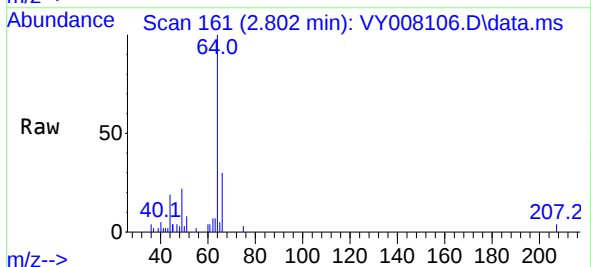
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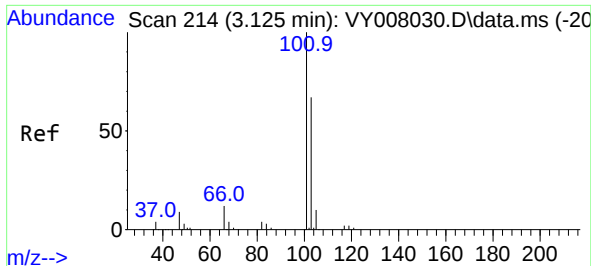
Tgt Ion: 94 Resp: 9768
Ion Ratio Lower Upper
94 100
96 92.0 73.5 110.3



#6
Chloroethane
Concen: 2.526 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 64 Resp: 6922
Ion Ratio Lower Upper
64 100
66 30.0 25.4 38.0

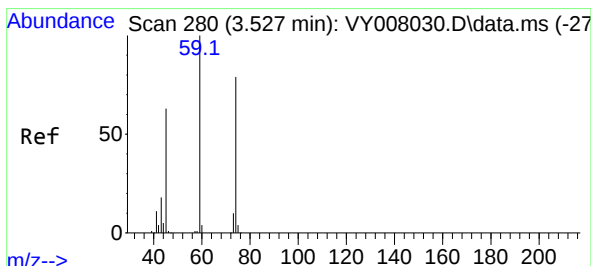
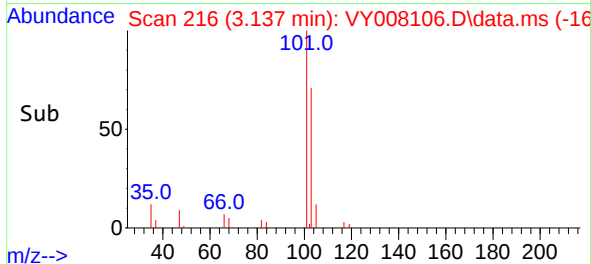
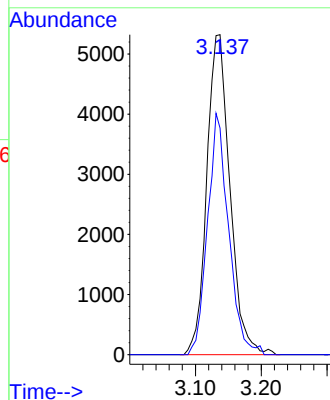
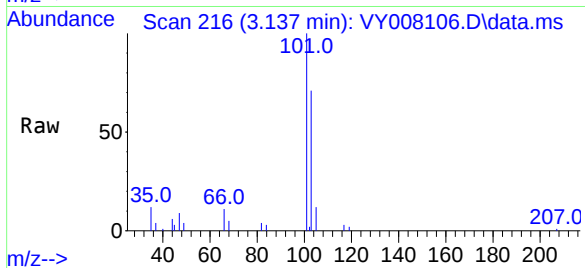




#7
Trichlorofluoromethane
Concen: 2.473 ug/l
RT: 3.137 min Scan# 214
Delta R.T. 0.012 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

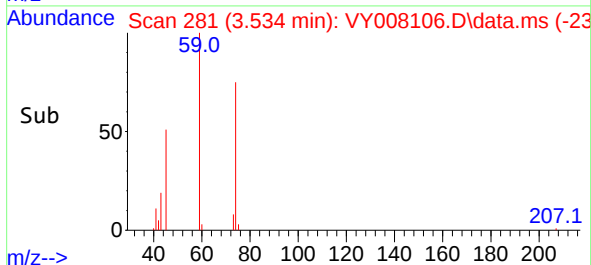
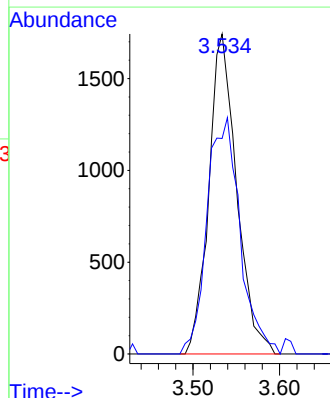
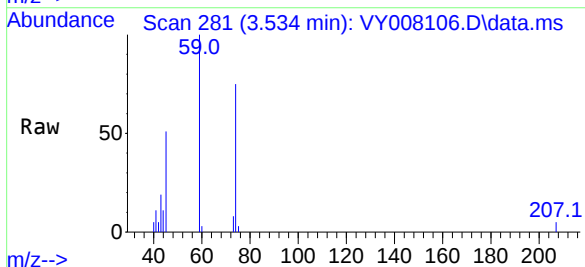
Instrument :
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Tgt Ion:101 Resp: 13028
Ion Ratio Lower Upper
101 100
103 70.8 48.0 72.0

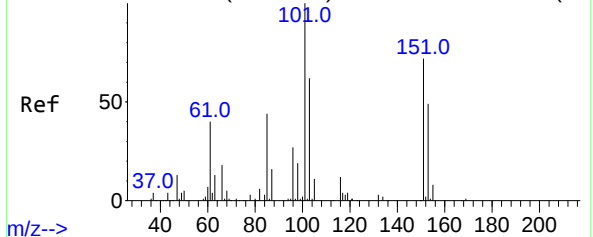


#8
Diethyl Ether
Concen: 2.281 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.007 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

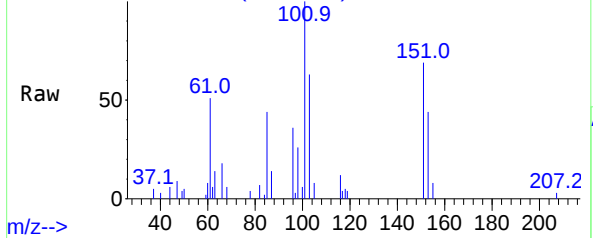
Tgt Ion: 74 Resp: 3892
Ion Ratio Lower Upper
74 100
45 87.5 55.1 165.5



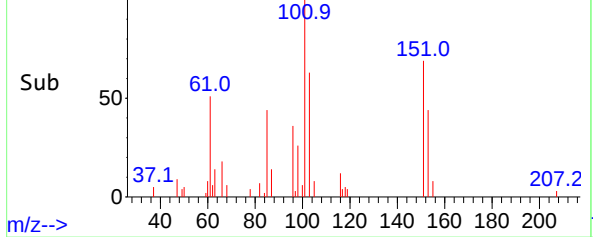
Abundance Scan 341 (3.899 min): VY008030.D\data.ms (-32



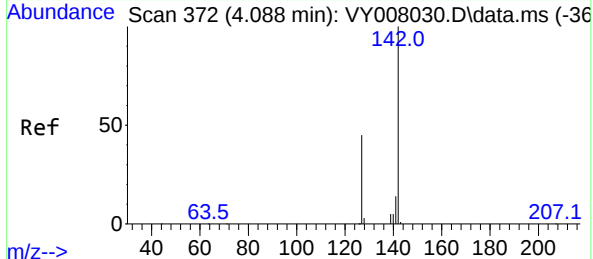
m/z--> Scan 342 (3.905 min): VY008106.D\data.ms



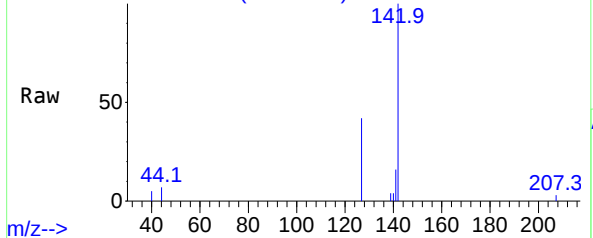
Abundance Scan 342 (3.905 min): VY008106.D\data.ms (-29



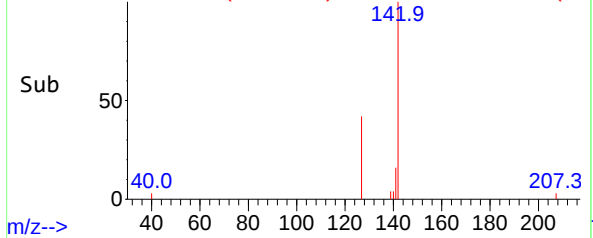
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m/z--> Scan 374 (4.101 min): VY008106.D\data.ms



Abundance Scan 374 (4.101 min): VY008106.D\data.ms (-32

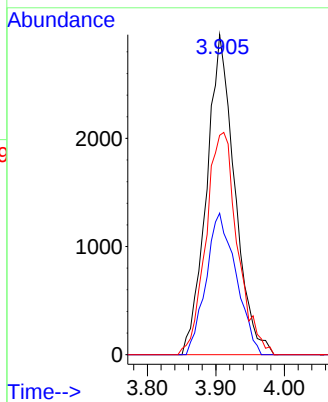


m/z--> Scan 341 (3.899 min): VY008030.D\data.ms (-32

#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.588 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

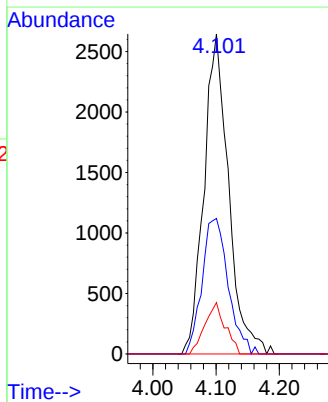
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

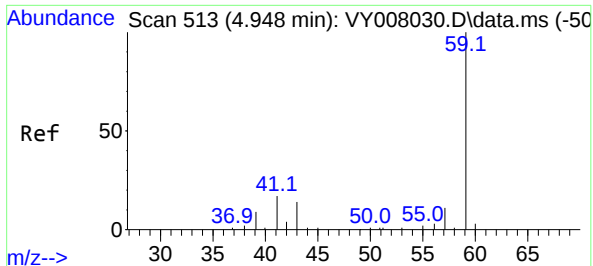
Tgt Ion:	101	Resp:	8457
Ion	Ratio	Lower	Upper
101	100		
85	46.9	40.6	60.8
151	77.3	64.9	97.3



#10
Methyl Iodide
Concen: 3.509 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:	142	Resp:	7160
Ion	Ratio	Lower	Upper
142	100		
127	45.0	41.5	62.3
141	13.3	11.9	17.9

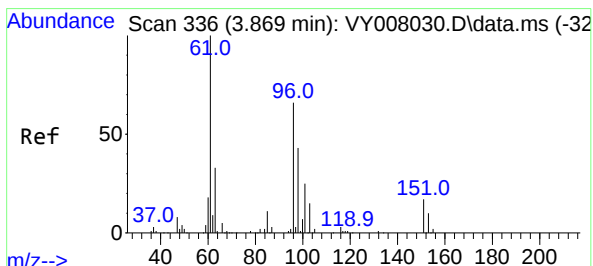
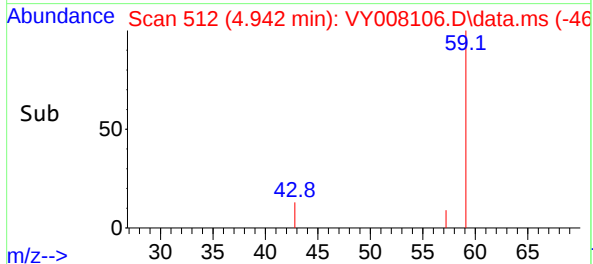
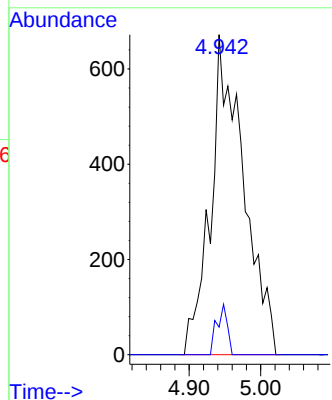
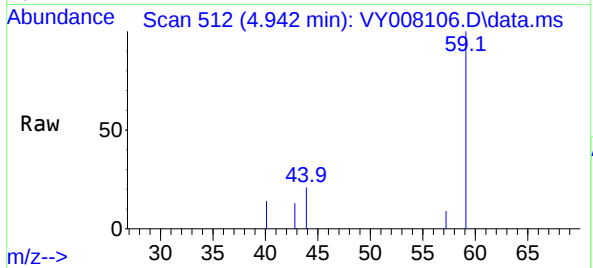




#11
Tert butyl alcohol
Concen: 7.270 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

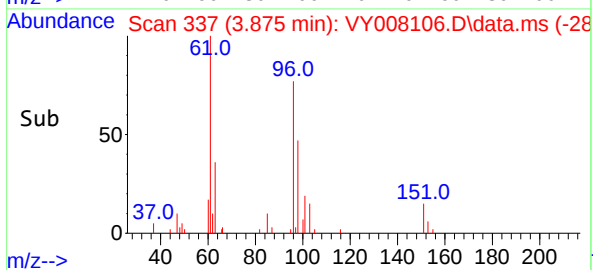
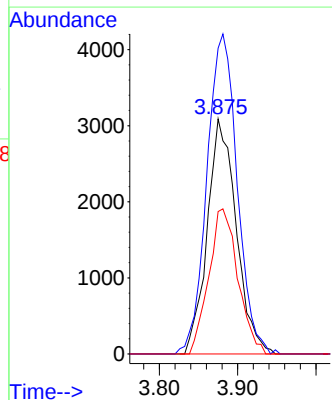
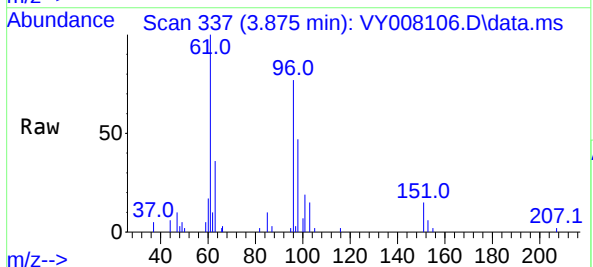
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

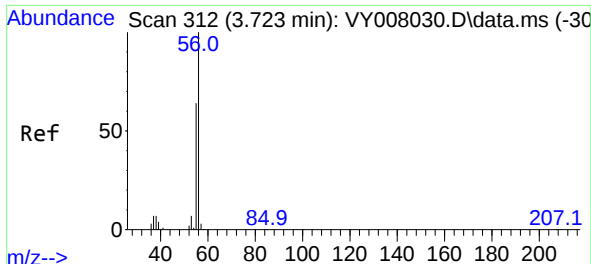
Tgt Ion: 59 Resp: 2158
Ion Ratio Lower Upper
59 100
57 5.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 2.628 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 96 Resp: 7952
Ion Ratio Lower Upper
96 100
61 130.0 145.8 218.6#
98 60.6 52.5 78.7

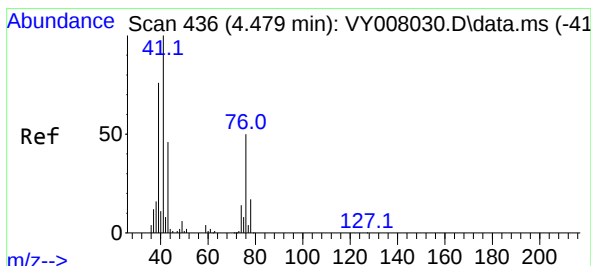
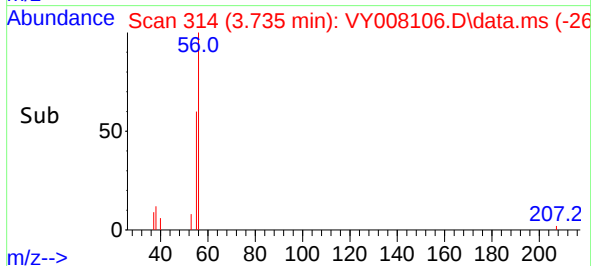
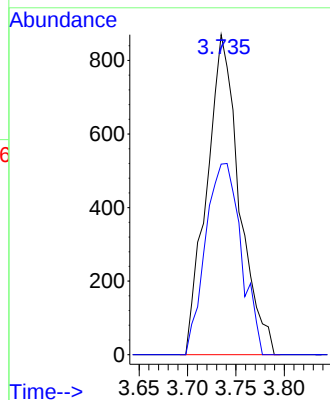
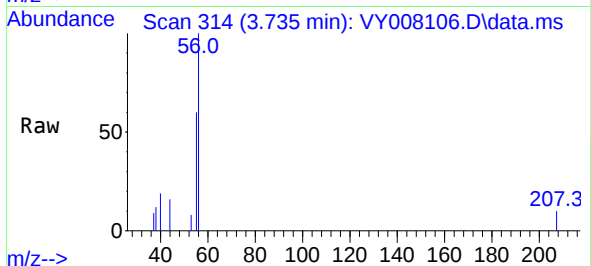




#13
Acrolein
Concen: 8.431 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

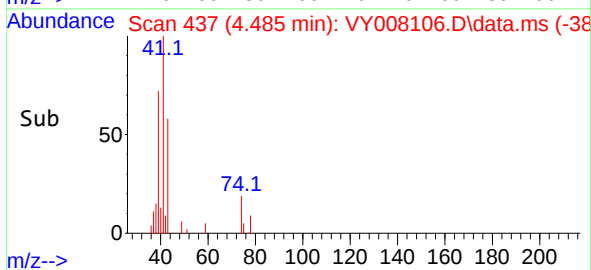
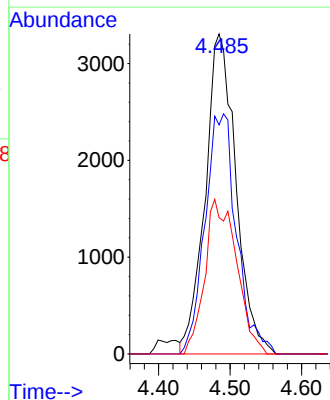
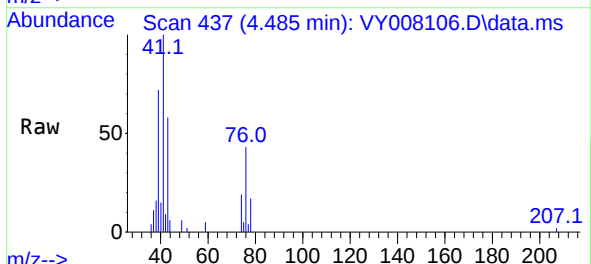
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

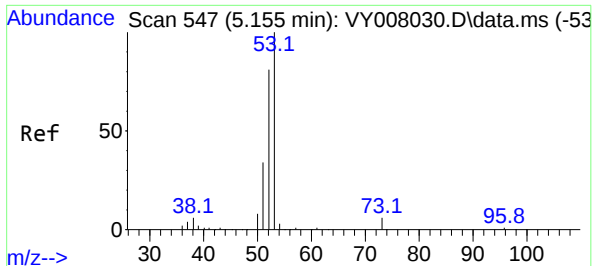
Tgt Ion: 56 Resp: 2037
Ion Ratio Lower Upper
56 100
55 65.3 57.6 86.4



#14
Allyl chloride
Concen: 2.478 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 41 Resp: 9866
Ion Ratio Lower Upper
41 100
39 77.2 58.8 88.2
76 50.0 25.1 37.7#

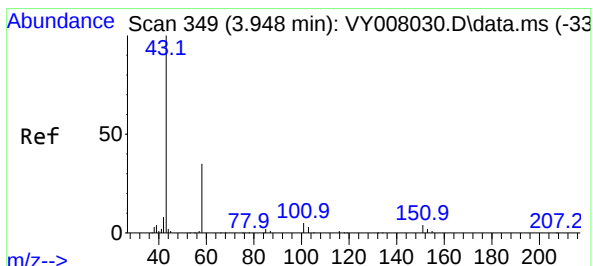
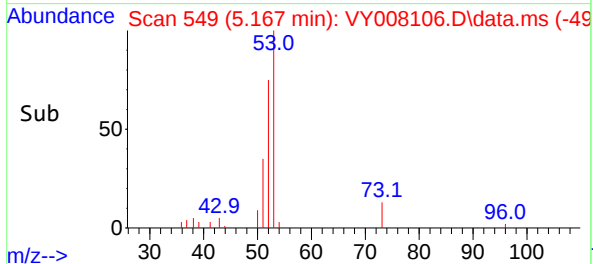
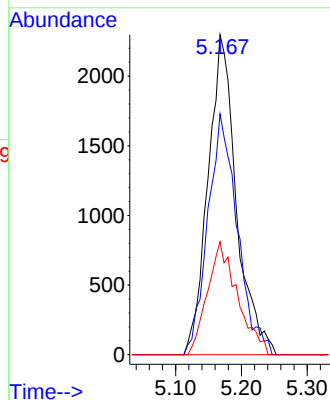
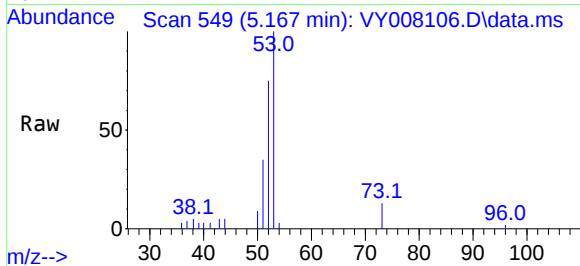




#15
Acrylonitrile
Concen: 8.481 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

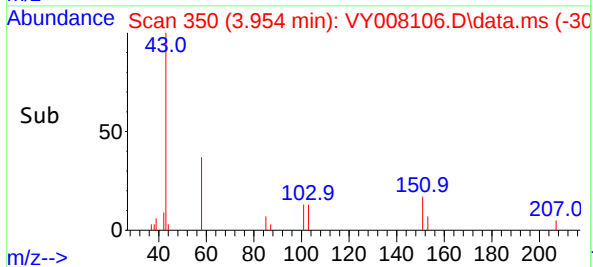
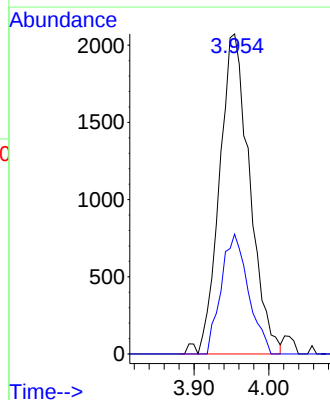
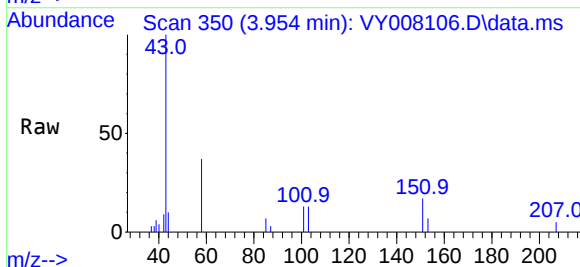
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

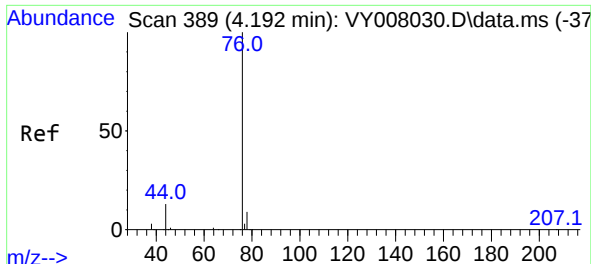
Tgt Ion:	53	Resp:	6893
Ion	Ratio	Lower	Upper
53	100		
52	78.2	67.0	100.4
51	37.5	29.8	44.6



#16
Acetone
Concen: 8.909 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:	43	Resp:	5826
Ion	Ratio	Lower	Upper
43	100		
58	37.4	22.0	33.0#

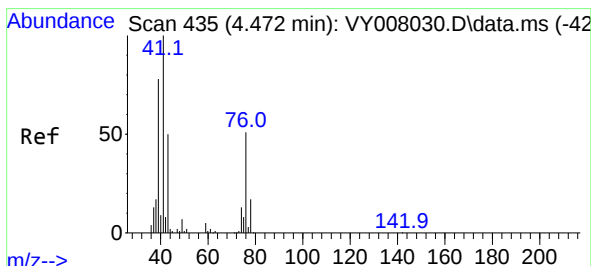
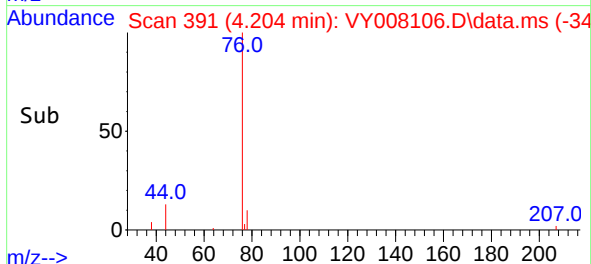
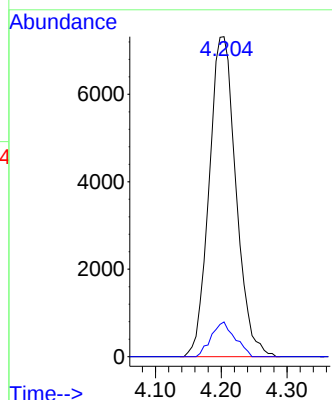
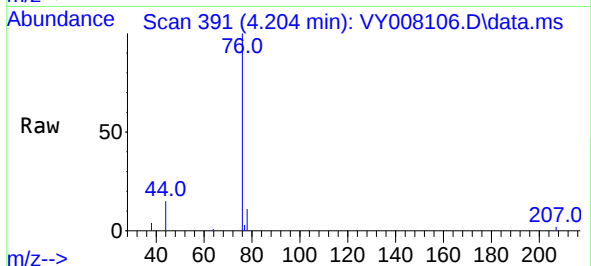




#17
Carbon Disulfide
Concen: 2.420 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

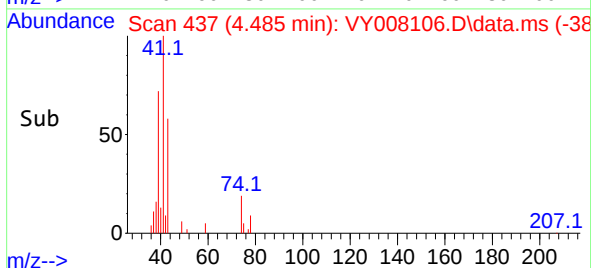
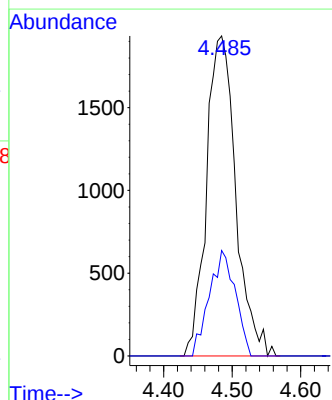
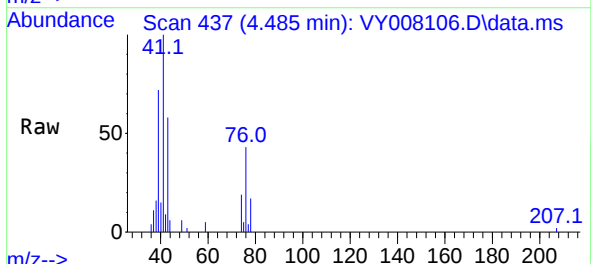
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

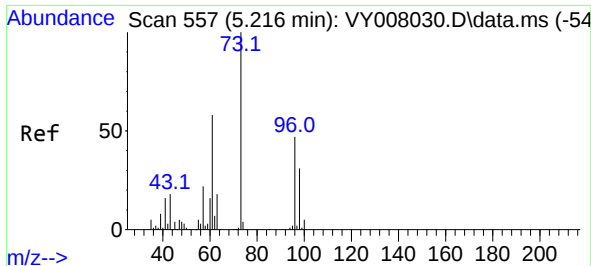
Tgt Ion: 76 Resp: 20750
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 43 Resp: 5735
Ion Ratio Lower Upper
43 100
74 29.2 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 2.185 ug/l

RT: 5.222 min Scan# 558

Delta R.T. 0.006 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

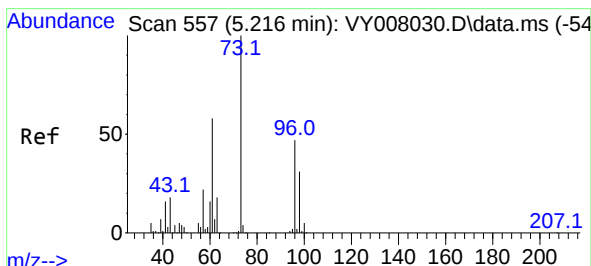
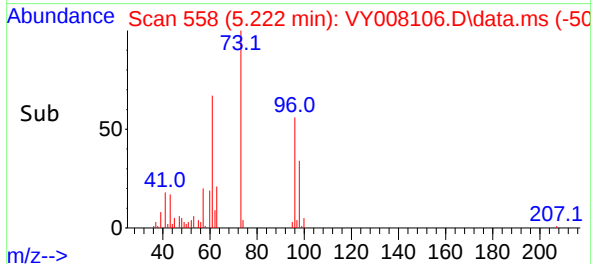
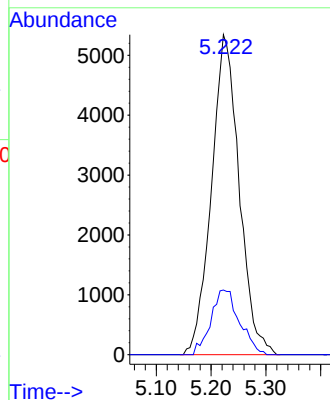
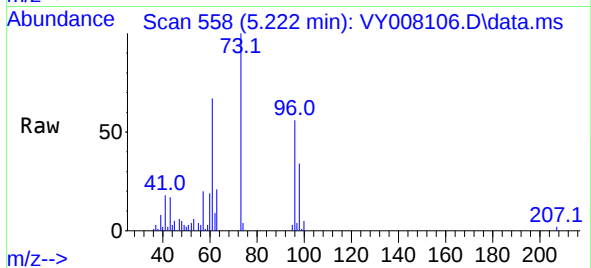
MDL-SOIL-03-QT1-2022

Tgt Ion: 73 Resp: 18785

Ion Ratio Lower Upper

73 100

57 20.2 18.6 27.8



#21

trans-1,2-Dichloroethene

Concen: 2.744 ug/l

RT: 5.222 min Scan# 558

Delta R.T. 0.006 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

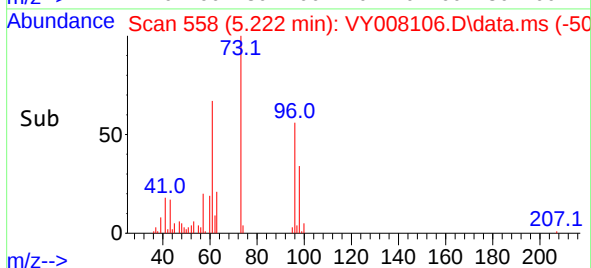
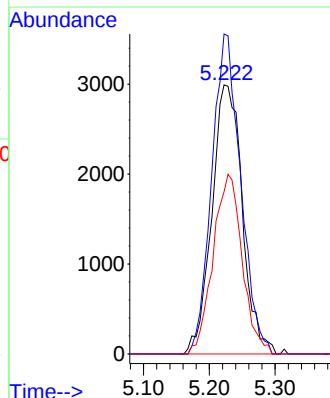
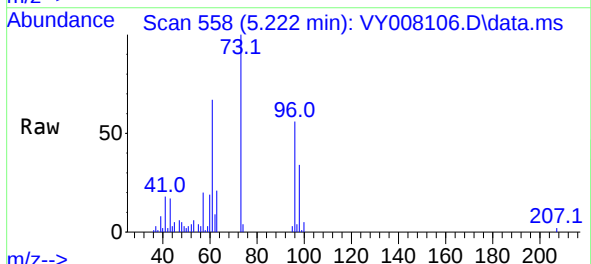
Tgt Ion: 96 Resp: 9612

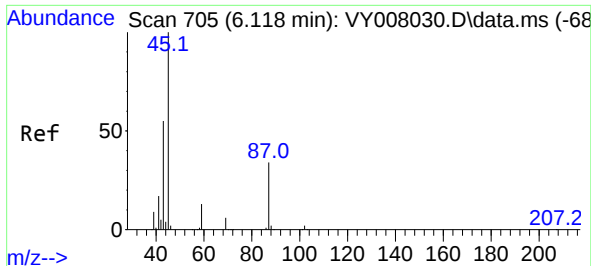
Ion Ratio Lower Upper

96 100

61 118.9 120.5 180.7#

98 60.2 49.8 74.8

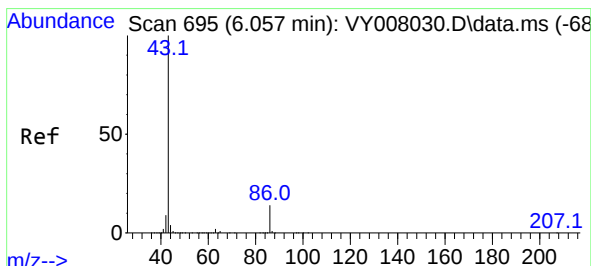
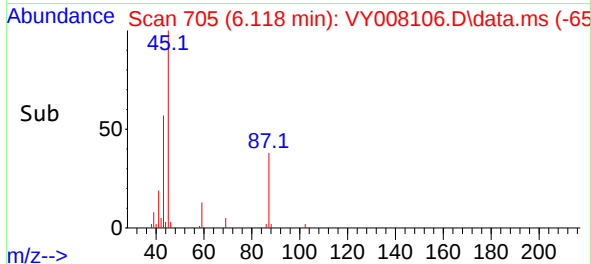
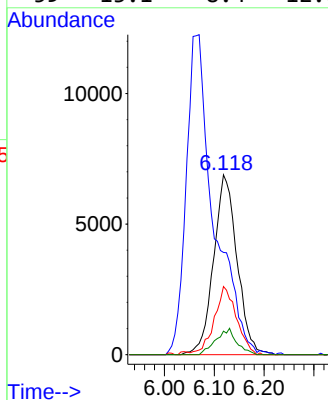
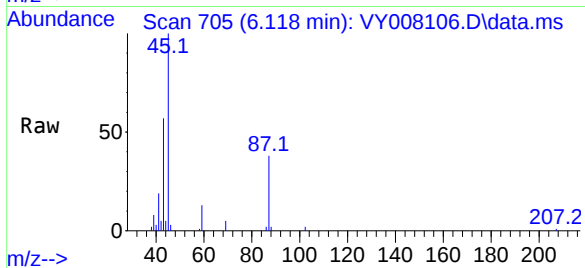




#22
Diisopropyl ether
Concen: 2.633 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

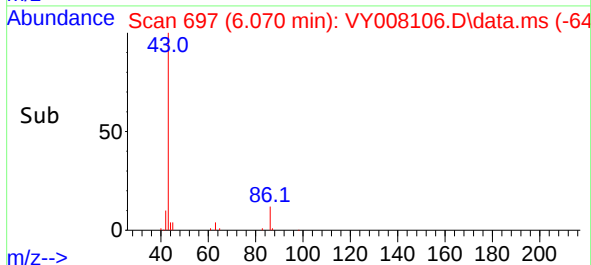
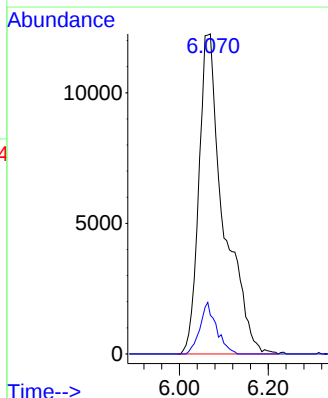
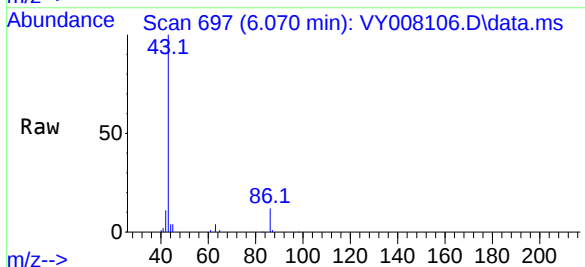
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

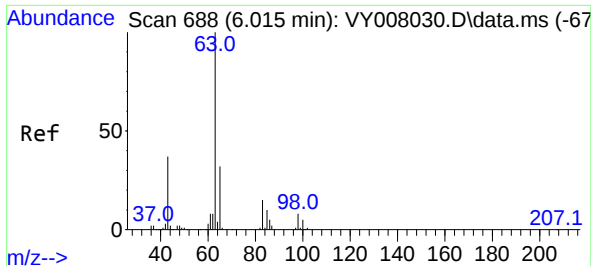
Tgt Ion:	45	Resp:	22553
Ion	Ratio	Lower	Upper
45	100		
43	56.1	49.3	73.9
87	37.9	19.2	28.8#
59	13.1	8.4	12.6#



#23
Vinyl Acetate
Concen: 8.931 ug/l
RT: 6.070 min Scan# 697
Delta R.T. 0.013 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:	43	Resp:	47395
Ion	Ratio	Lower	Upper
43	100		
86	12.1	7.1	10.7#

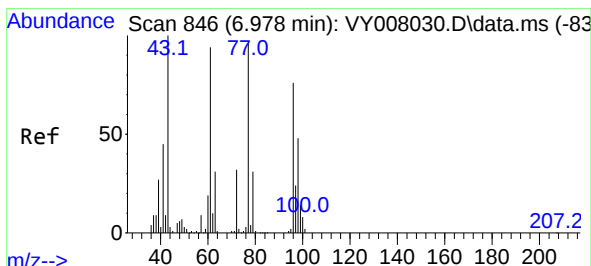
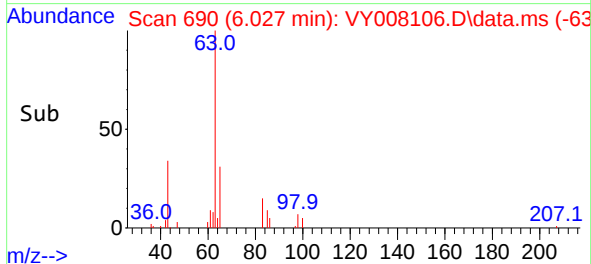
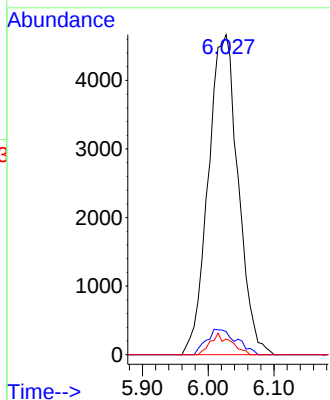
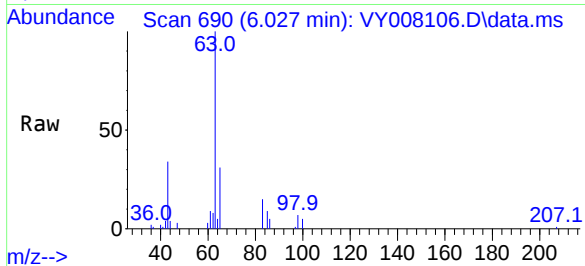




#24
1,1-Dichloroethane
Concen: 2.603 ug/l
RT: 6.027 min Scan# 61
Delta R.T. 0.012 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

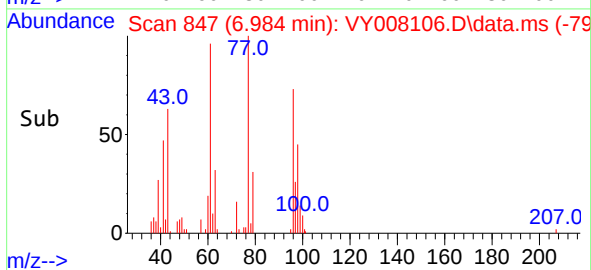
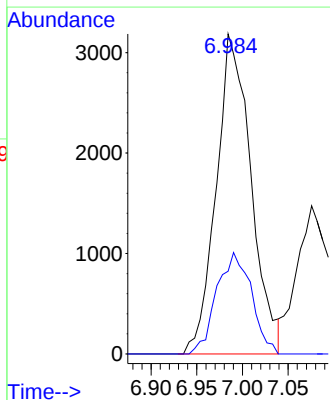
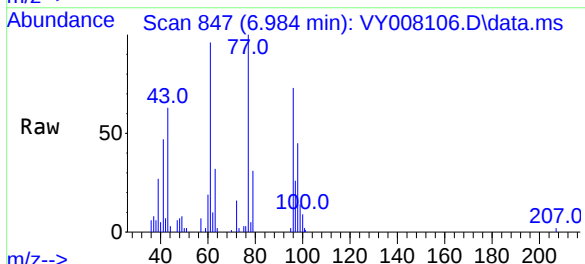
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

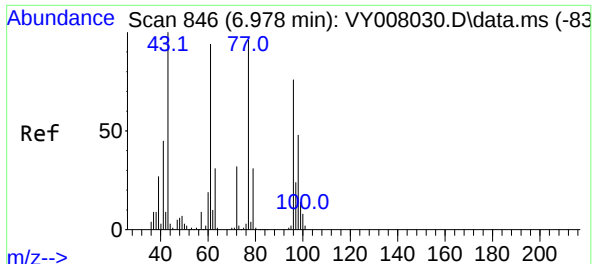
Tgt Ion:	63	Resp:	14758
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.8
100	4.9	2.0	5.8



#25
2-Butanone
Concen: 8.467 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:	43	Resp:	8426
Ion	Ratio	Lower	Upper
43	100		
72	25.8	17.7	26.5





#26

2,2-Dichloropropane

Concen: 2.687 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

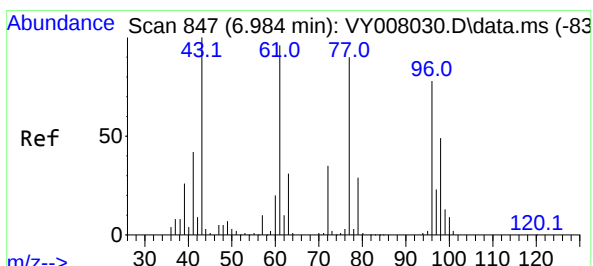
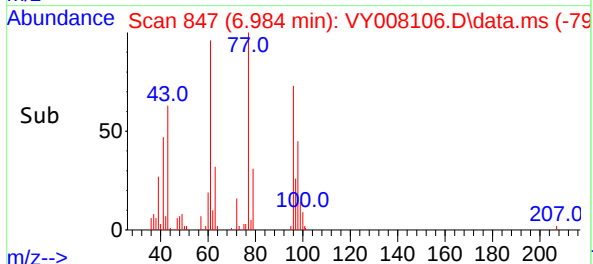
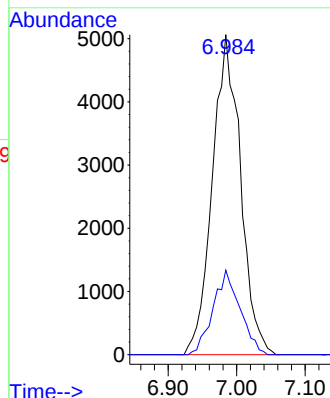
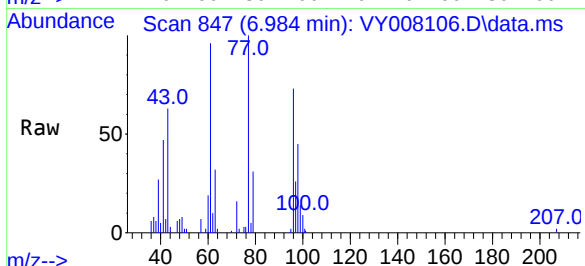
MDL-SOIL-03-QT1-2022

Tgt Ion: 77 Resp: 14426

Ion Ratio Lower Upper

77 100

97 25.4 10.4 31.4



#27

cis-1,2-Dichloroethene

Concen: 2.700 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

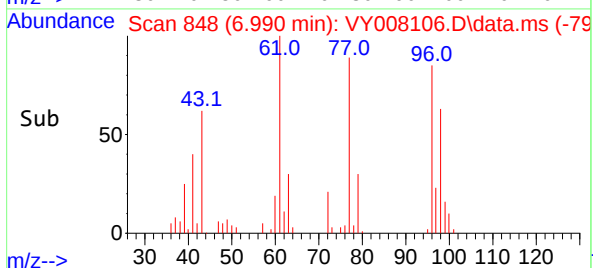
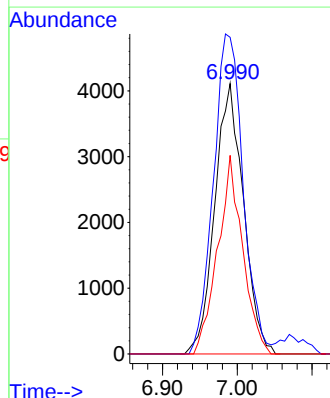
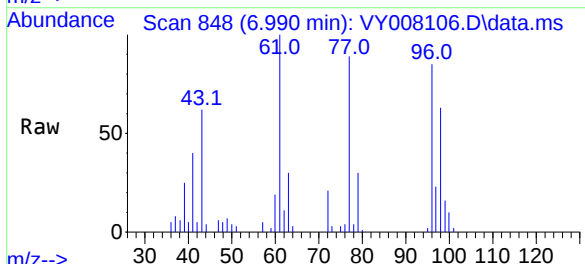
Tgt Ion: 96 Resp: 10965

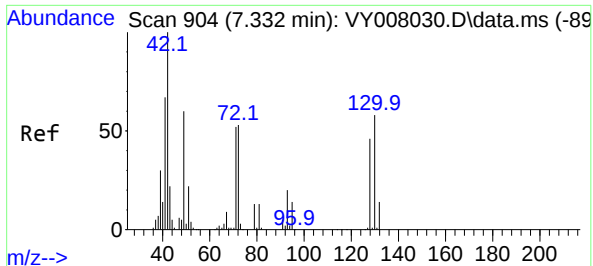
Ion Ratio Lower Upper

96 100

61 122.7 0.0 319.8

98 63.7 0.0 127.0





#28

Bromochloromethane

Concen: Below Cal

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008106.D

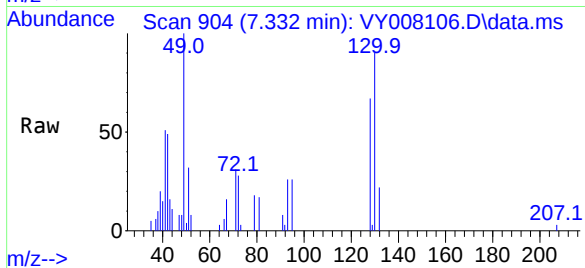
Acq: 30 Mar 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022



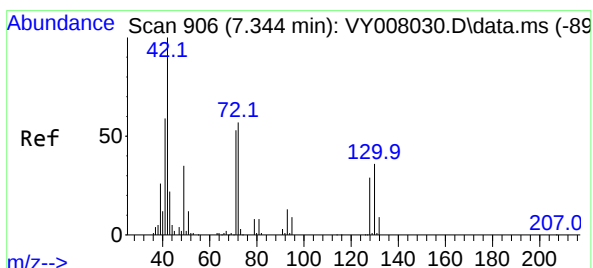
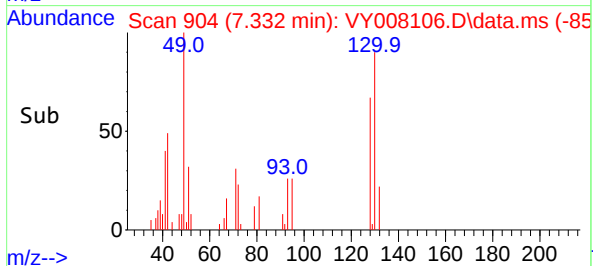
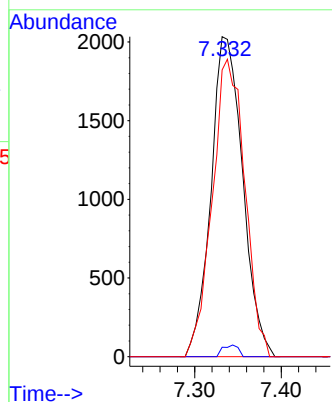
Tgt Ion: 49 Resp: 5171

Ion Ratio Lower Upper

49 100

129 1.8 0.0 2.2

130 95.2 55.4 83.0#



#29

Tetrahydrofuran

Concen: 8.419 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

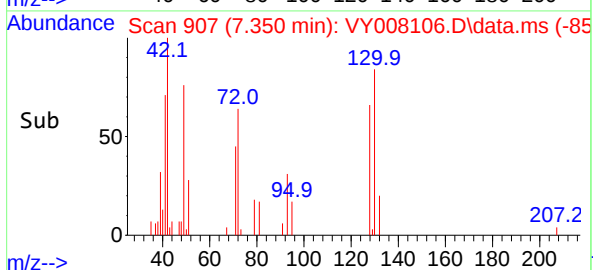
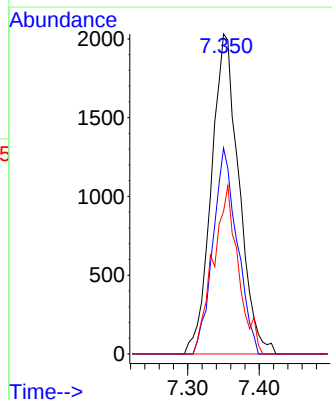
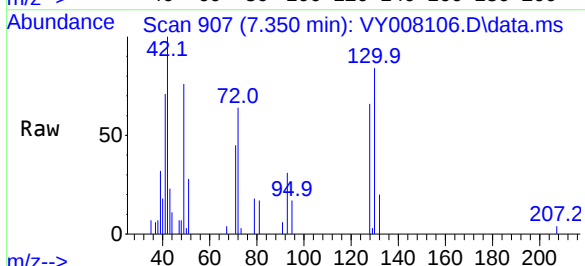
Tgt Ion: 42 Resp: 5447

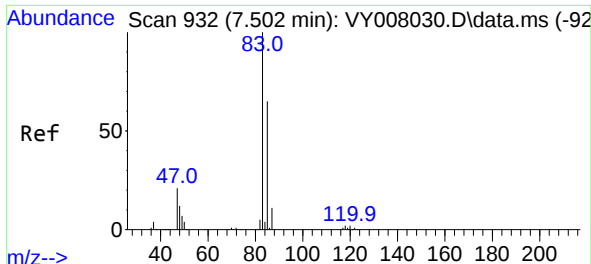
Ion Ratio Lower Upper

42 100

72 56.5 30.3 45.5#

71 48.0 29.0 43.4#

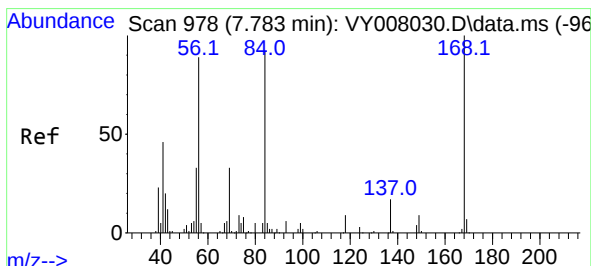
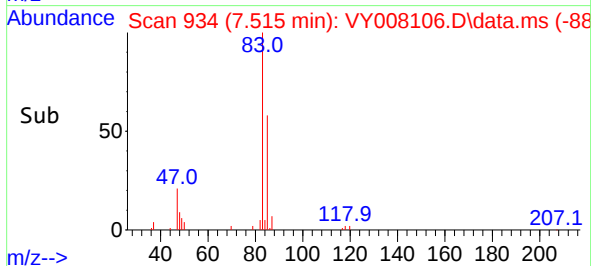
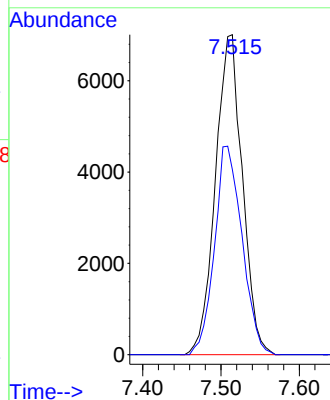
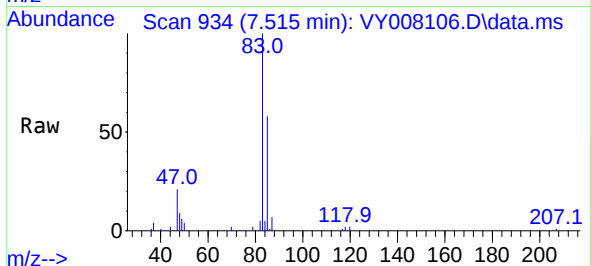




#30
Chloroform
Concen: 2.732 ug/l
RT: 7.515 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

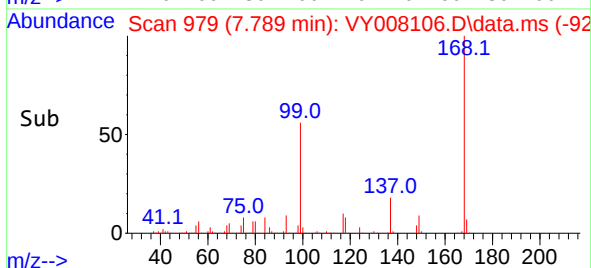
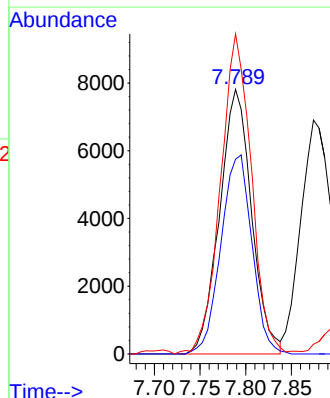
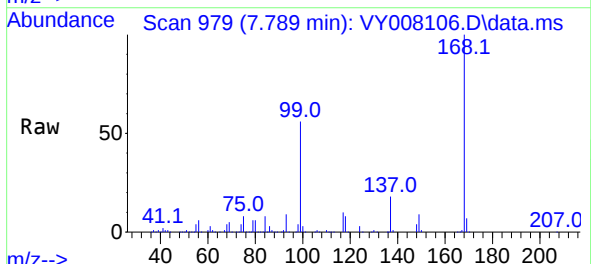
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

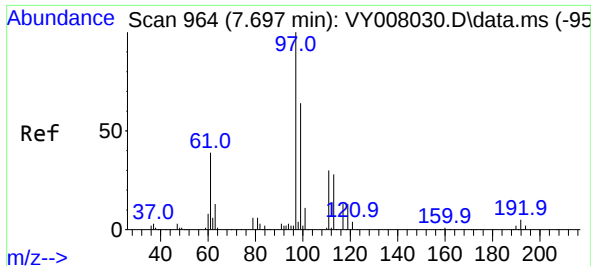
Tgt Ion: 83 Resp: 16771
Ion Ratio Lower Upper
83 100
85 57.9 51.8 77.6



#31
Cyclohexane
Concen: 3.565 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 56 Resp: 19064
Ion Ratio Lower Upper
56 100
69 73.5 26.7 40.1#
84 120.0 67.2 100.8#

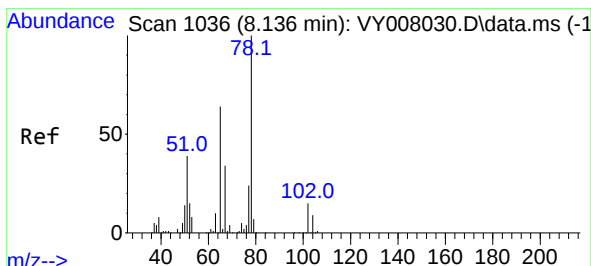
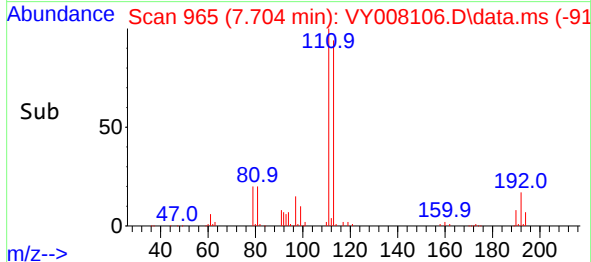
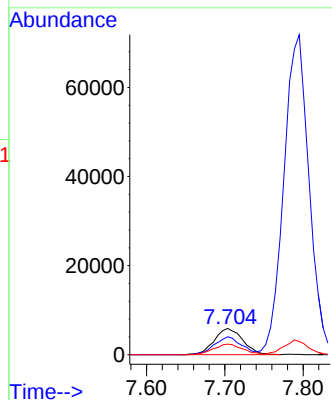
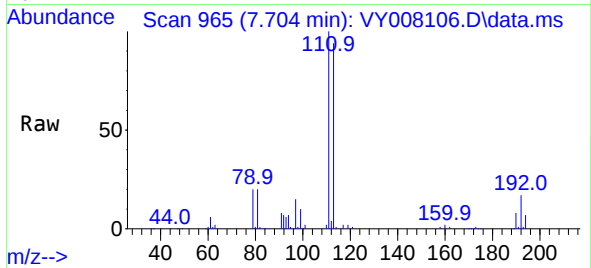




#32
1,1,1-Trichloroethane
Concen: 2.629 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

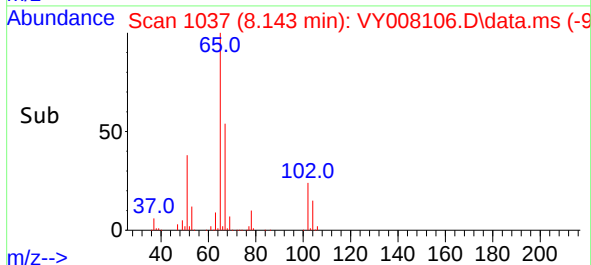
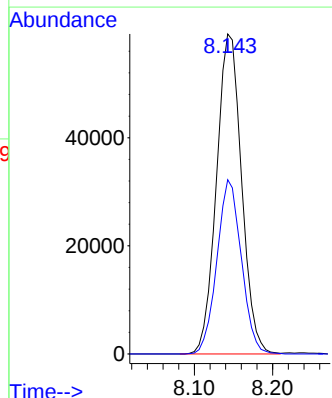
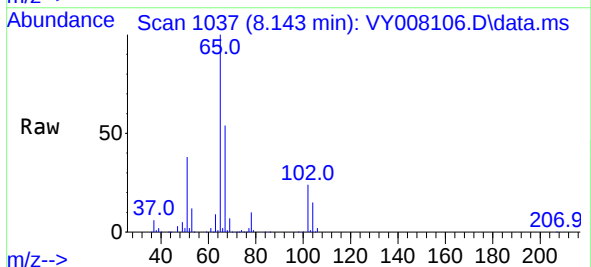
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

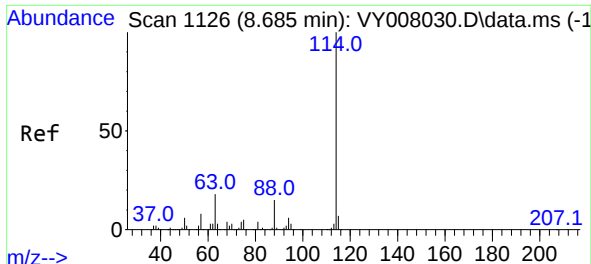
Tgt Ion: 97 Resp: 14912
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 40.9 37.6 56.4



#33
1,2-Dichloroethane-d4
Concen: 46.126 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 65 Resp: 131974
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

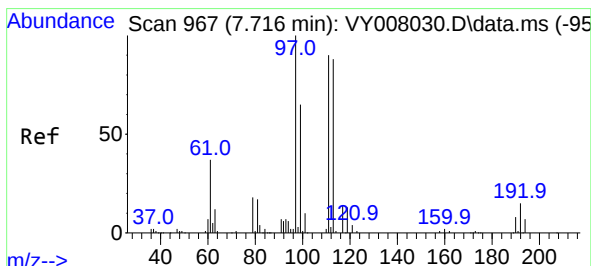
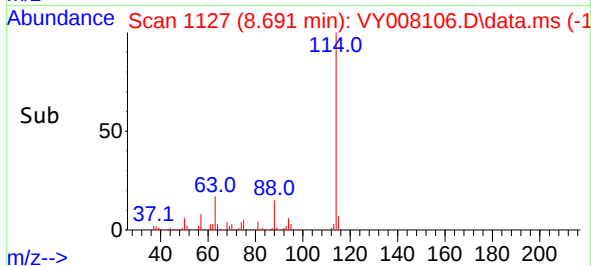
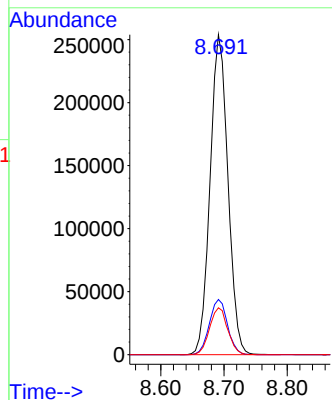
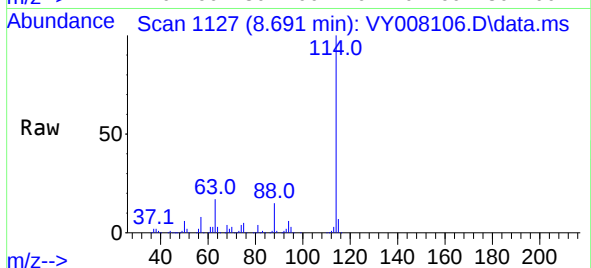
Tgt Ion:114 Resp: 497775

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.609 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

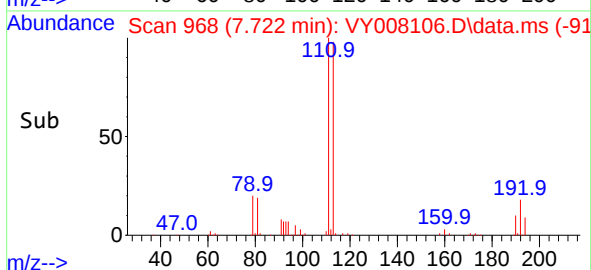
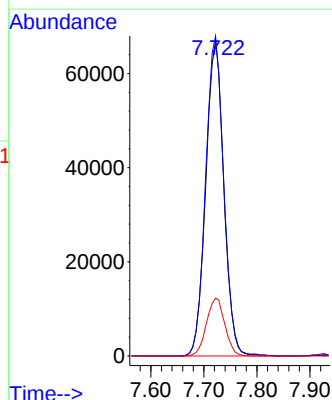
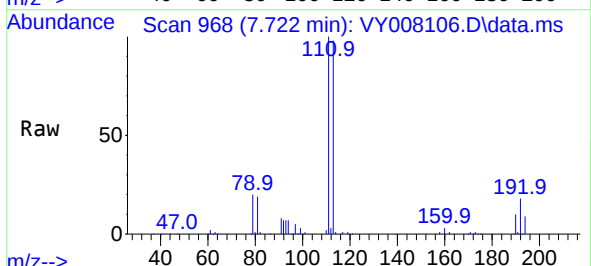
Tgt Ion:113 Resp: 157945

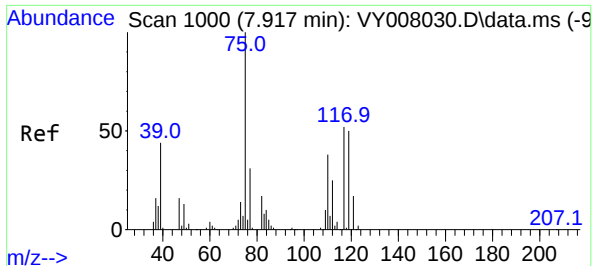
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 18.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 2.595 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

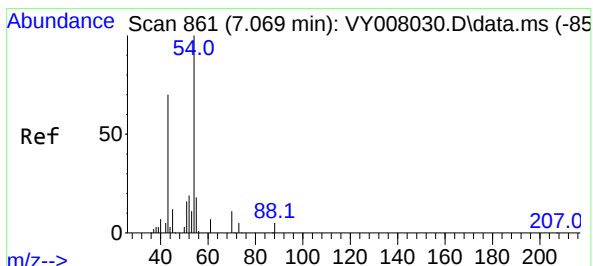
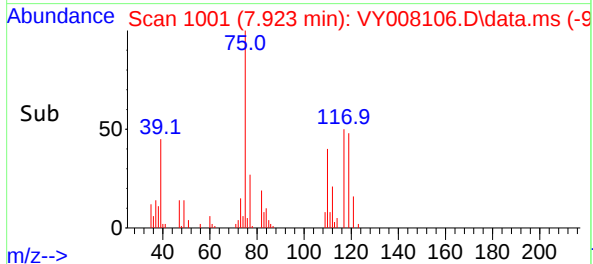
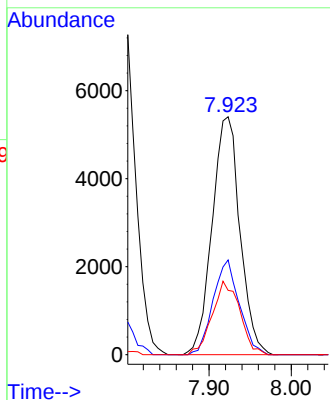
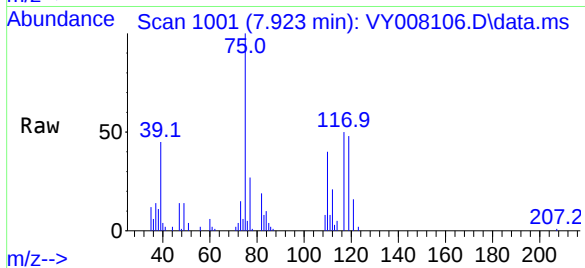
Tgt Ion: 75 Resp: 12724

Ion Ratio Lower Upper

75 100

110 37.7 17.1 51.2

77 30.7 24.4 36.6



#37

Ethyl Acetate

Concen: 1.726 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.007 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

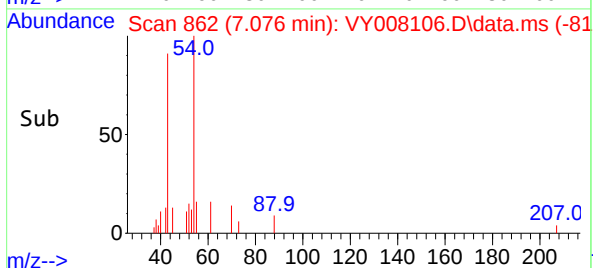
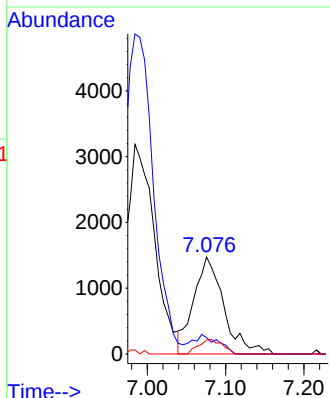
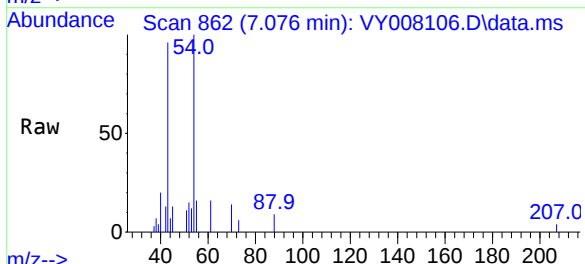
Tgt Ion: 43 Resp: 3953

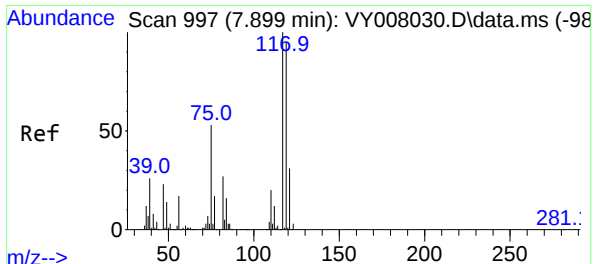
Ion Ratio Lower Upper

43 100

61 17.2 9.7 14.5#

70 11.9 7.1 10.7#

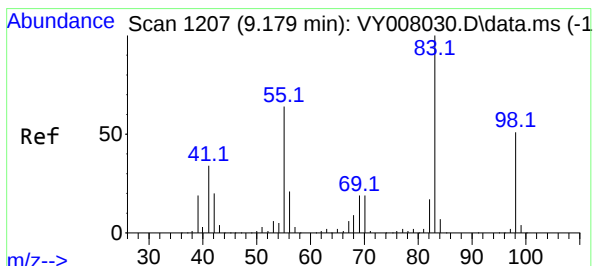
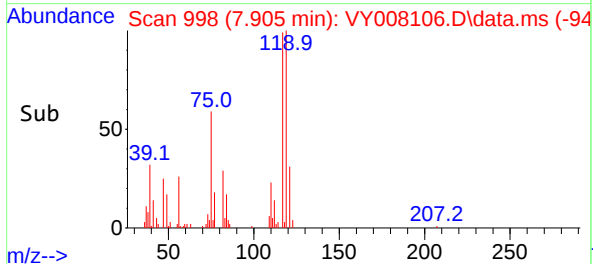
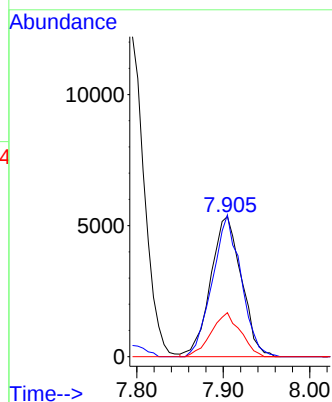
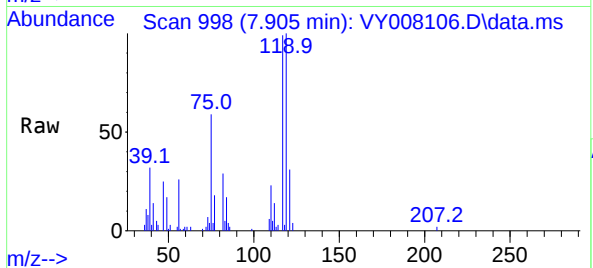




#38
Carbon Tetrachloride
Concen: 2.476 ug/l
RT: 7.905 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

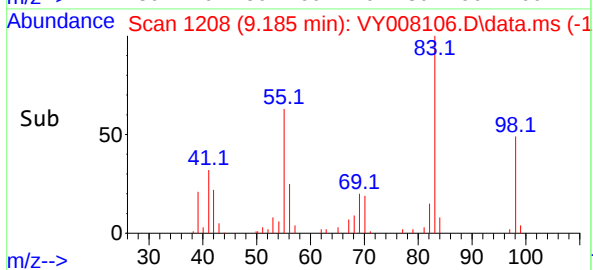
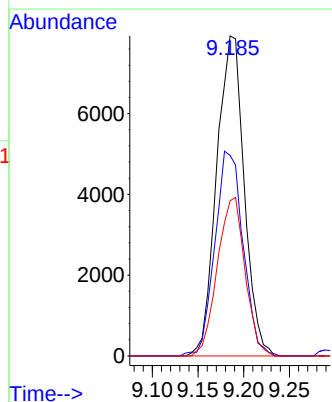
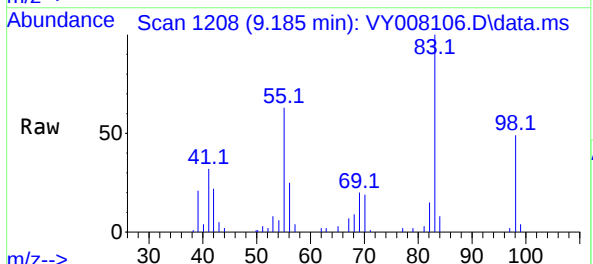
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

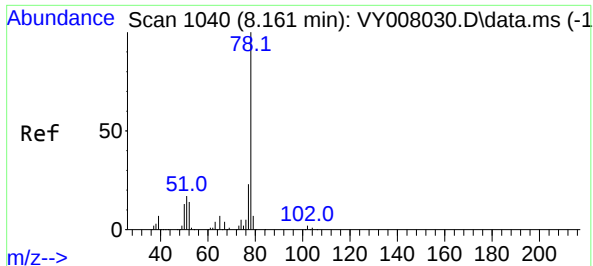
Tgt Ion:117 Resp: 13226
Ion Ratio Lower Upper
117 100
119 101.1 77.9 116.9
121 31.4 24.8 37.2



#39
Methylcyclohexane
Concen: 2.507 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 83 Resp: 16590
Ion Ratio Lower Upper
83 100
55 62.6 66.5 99.7#
98 48.5 37.9 56.9

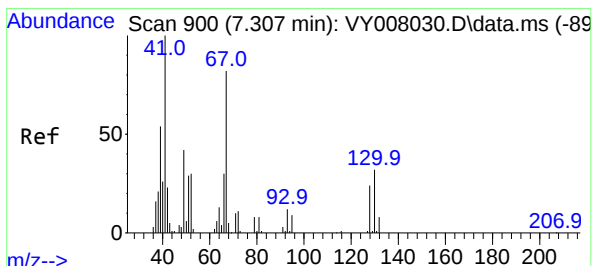
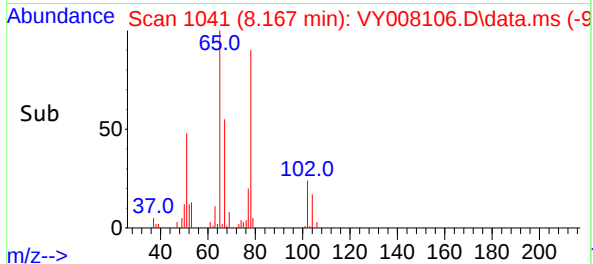
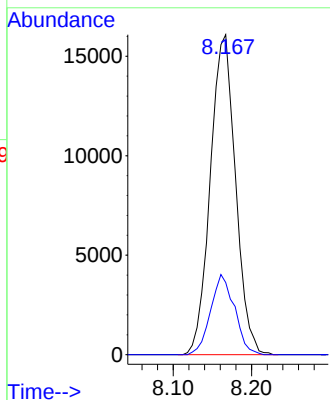
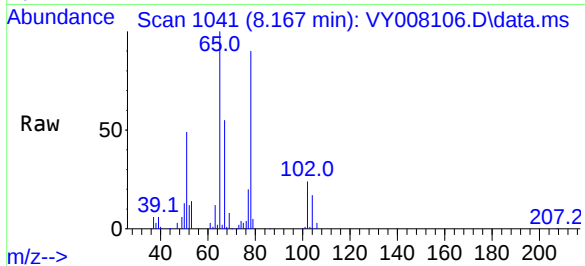




#40
Benzene
Concen: 2.569 ug/l
RT: 8.167 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

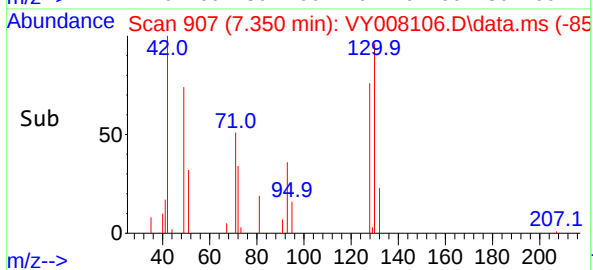
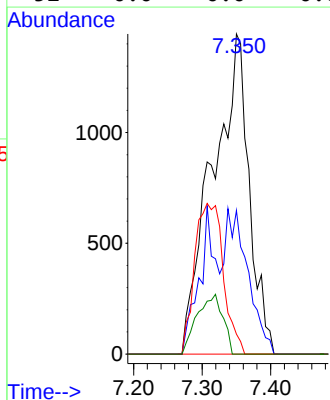
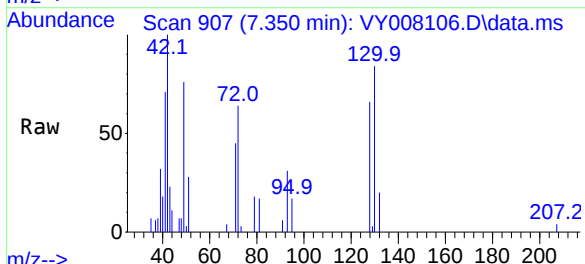
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

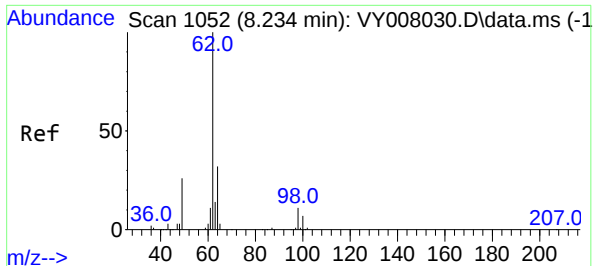
Tgt Ion: 78 Resp: 36027
Ion Ratio Lower Upper
78 100
77 22.5 20.4 30.6



#41
Methacrylonitrile
Concen: 4.658 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 41 Resp: 5356
Ion Ratio Lower Upper
41 100
39 28.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 2.262 ug/l

RT: 8.240 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

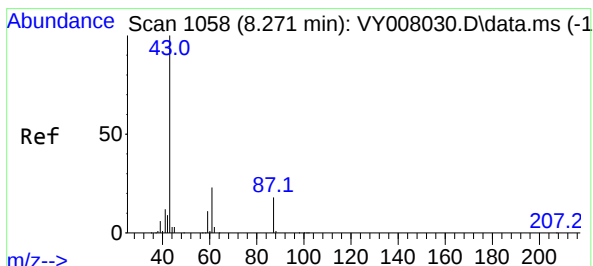
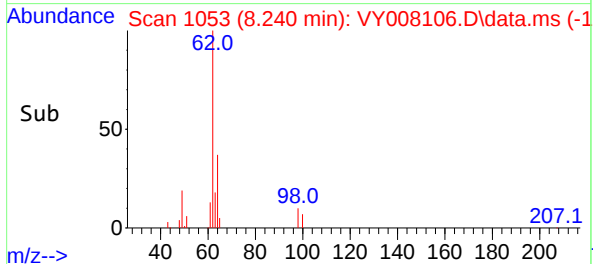
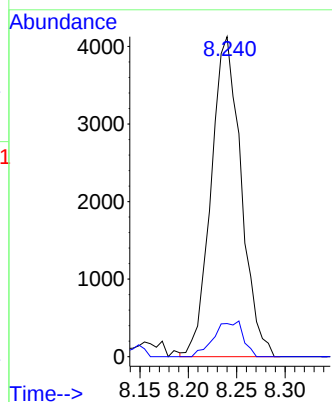
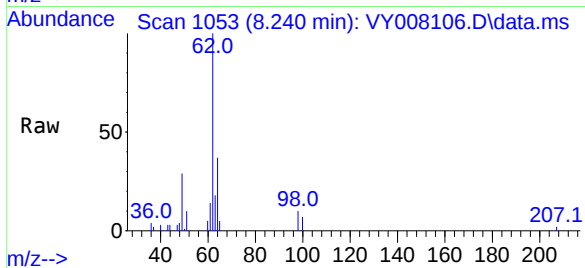
MDL-SOIL-03-QT1-2022

Tgt Ion: 62 Resp: 8900

Ion Ratio Lower Upper

62 100

98 10.7 0.0 14.8



#43

Isopropyl Acetate

Concen: 1.731 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

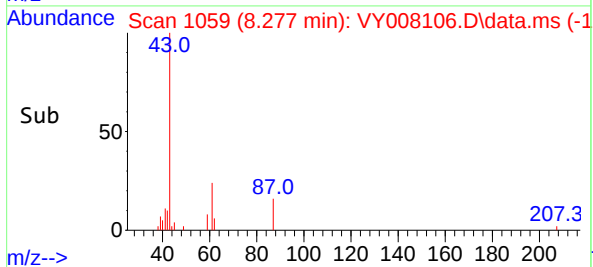
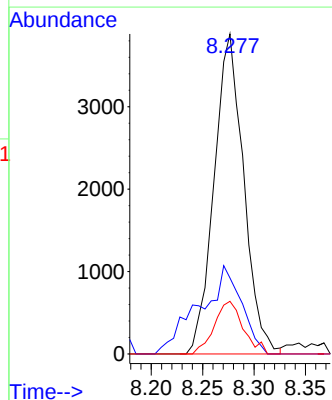
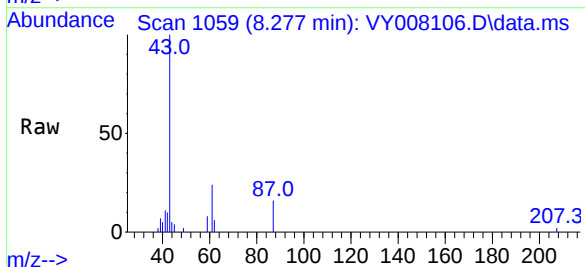
Tgt Ion: 43 Resp: 7784

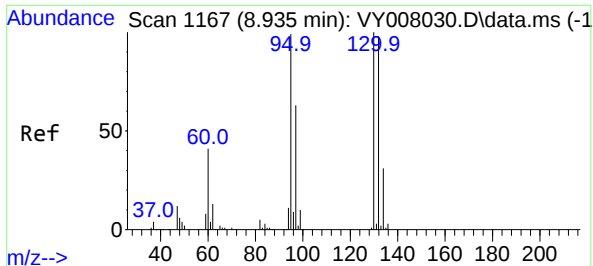
Ion Ratio Lower Upper

43 100

61 39.2 20.2 30.2#

87 16.0 8.9 13.3#

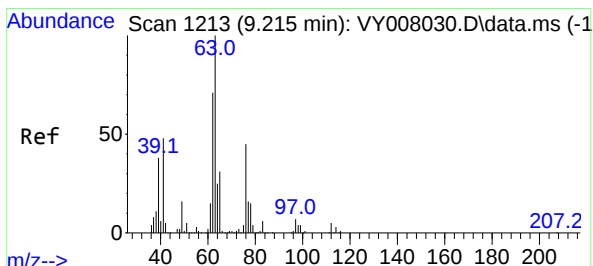
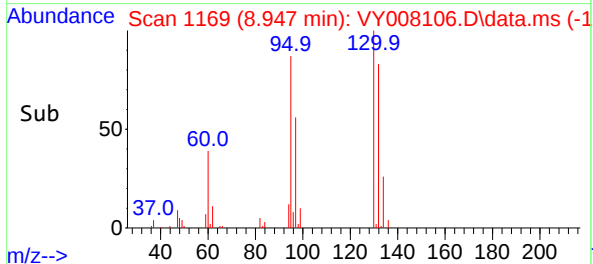
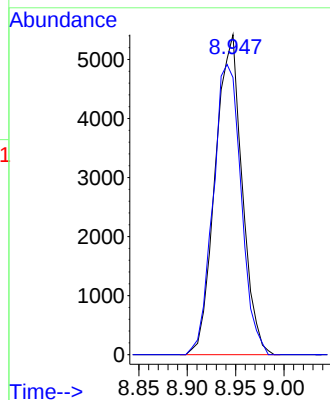
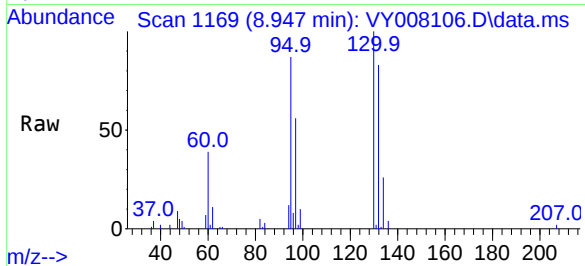




#44
Trichloroethene
Concen: 2.579 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

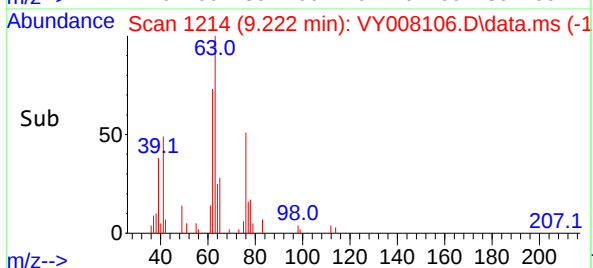
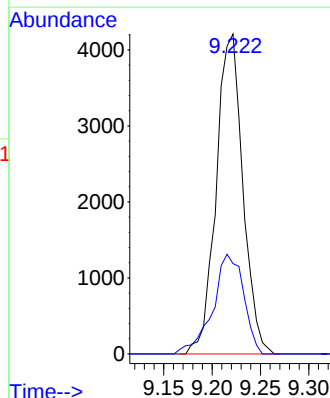
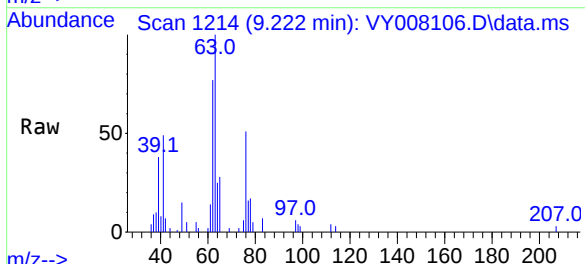
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

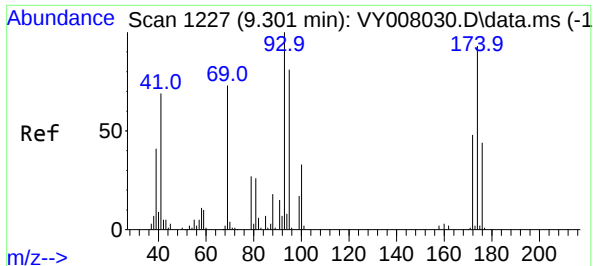
Tgt Ion:130 Resp: 10457
Ion Ratio Lower Upper
130 100
95 86.6 0.0 188.2



#45
1,2-Dichloropropane
Concen: 2.438 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.007 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 63 Resp: 8056
Ion Ratio Lower Upper
63 100
65 28.2 23.0 34.6

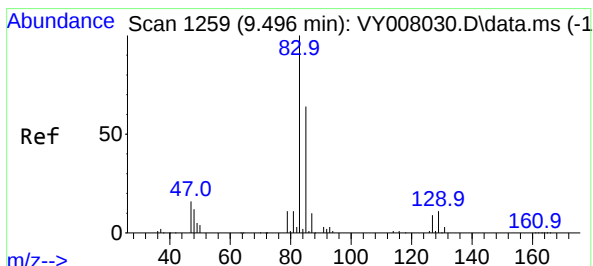
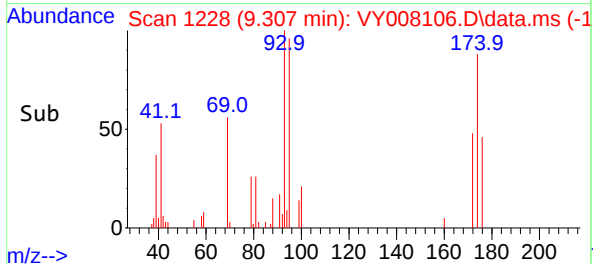
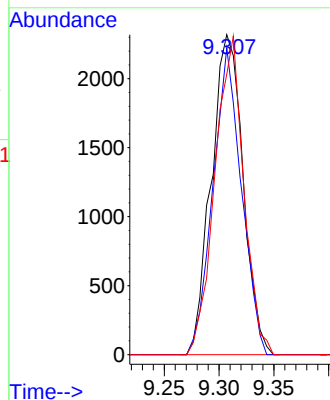
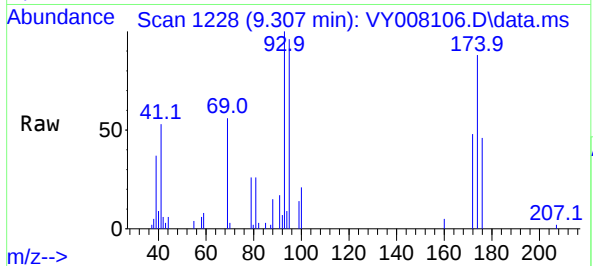




#46
Dibromomethane
Concen: 2.144 ug/l
RT: 9.307 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

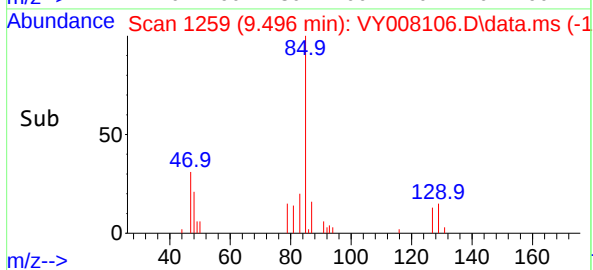
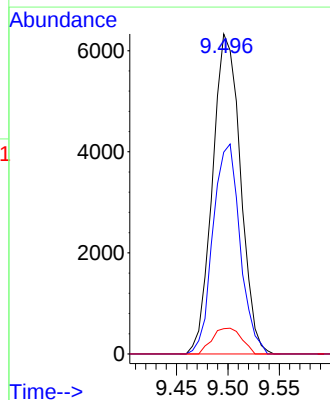
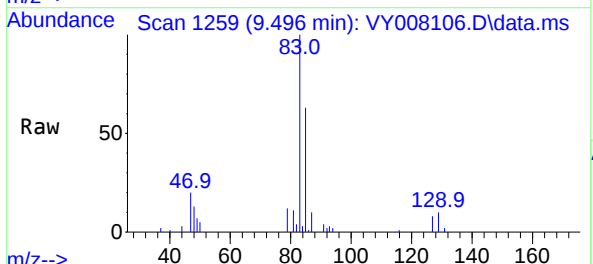
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

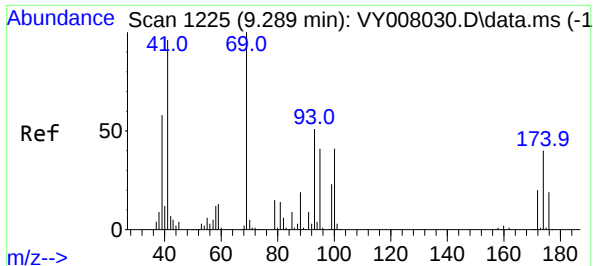
Tgt Ion: 93 Resp: 4659
Ion Ratio Lower Upper
93 100
95 86.1 64.3 96.5
174 90.7 83.4 125.0



#47
Bromodichloromethane
Concen: 2.406 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 83 Resp: 11955
Ion Ratio Lower Upper
83 100
85 63.0 51.9 77.9
127 7.9 6.6 10.0

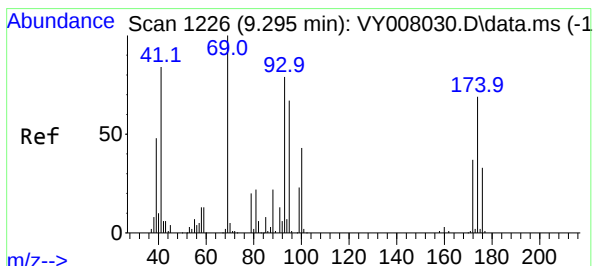
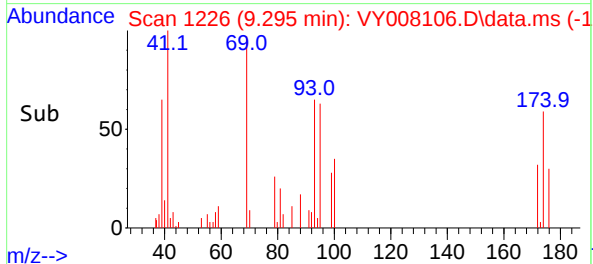
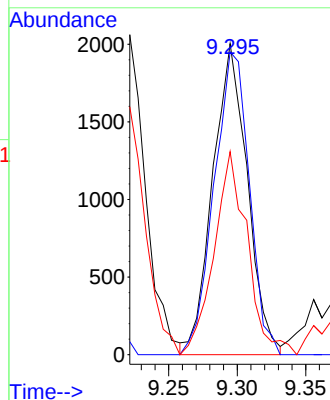
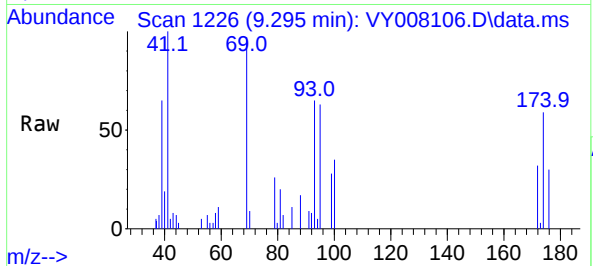




#48
Methyl methacrylate
Concen: 1.768 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

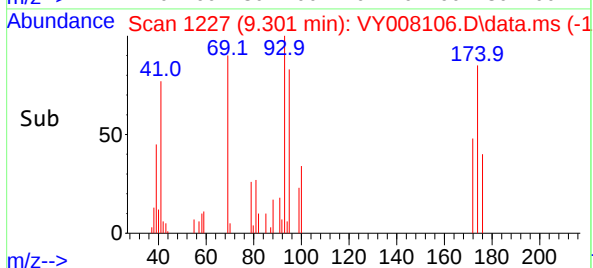
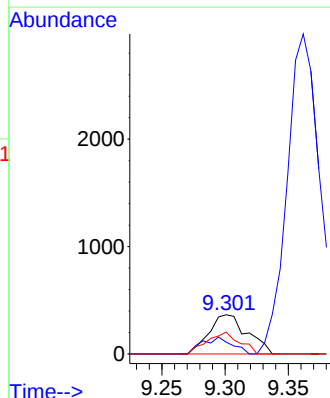
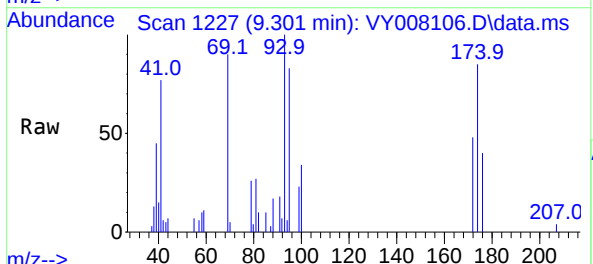
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

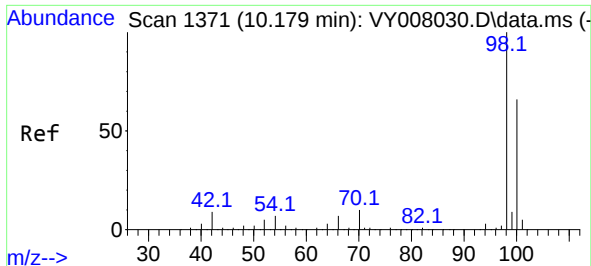
Tgt Ion: 41 Resp: 3520
Ion Ratio Lower Upper
41 100
69 99.0 58.2 87.2#
39 62.8 47.4 71.0



#49
1,4-Dioxane
Concen: 26.551 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 88 Resp: 767
Ion Ratio Lower Upper
88 100
43 33.6 32.8 49.2
58 47.3 59.8 89.6#

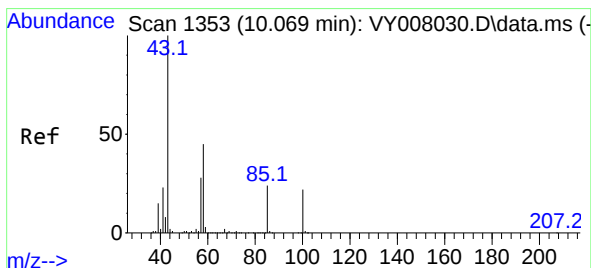
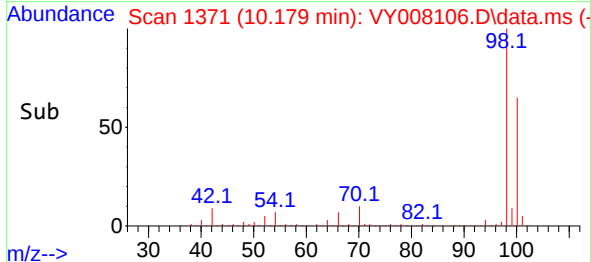
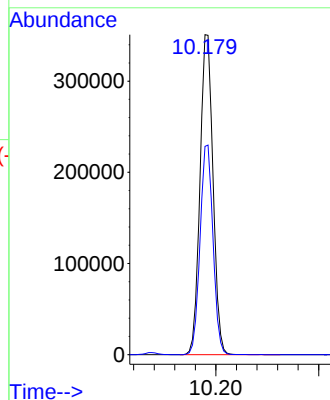
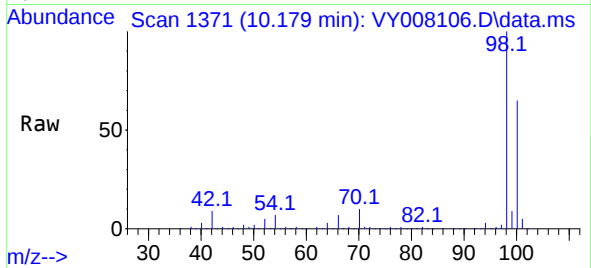




#50
Toluene-d8
Concen: 52.453 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

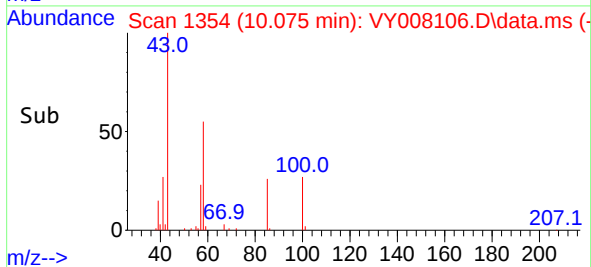
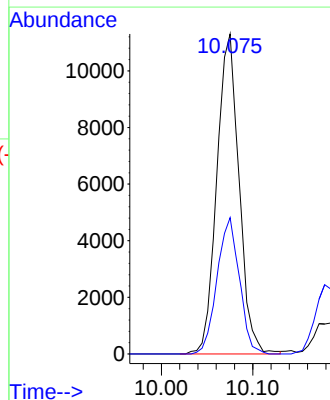
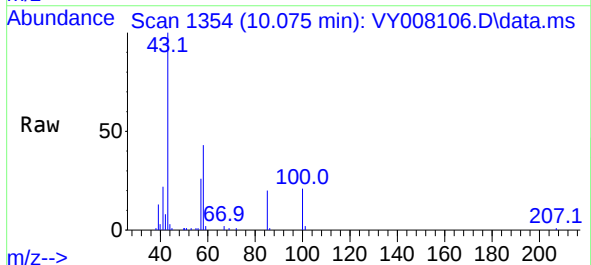
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

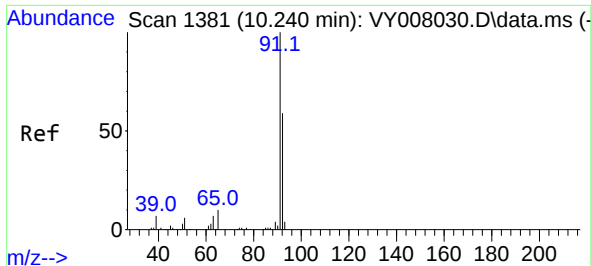
Tgt Ion: 98 Resp: 616750
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 8.435 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 43 Resp: 19127
Ion Ratio Lower Upper
43 100
58 42.6 28.1 42.1#

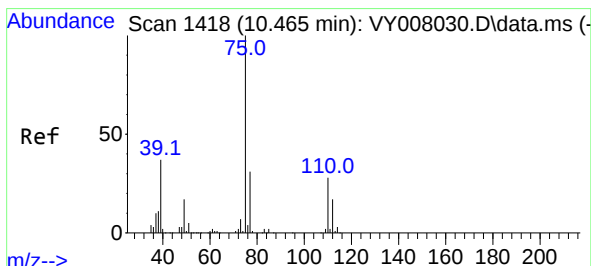
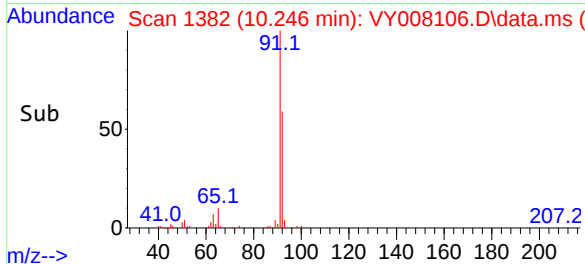
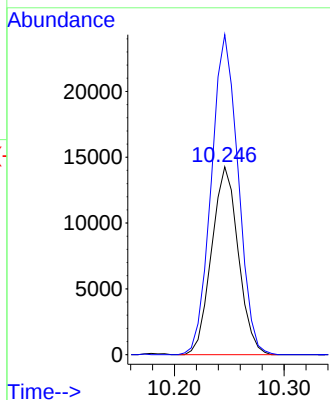
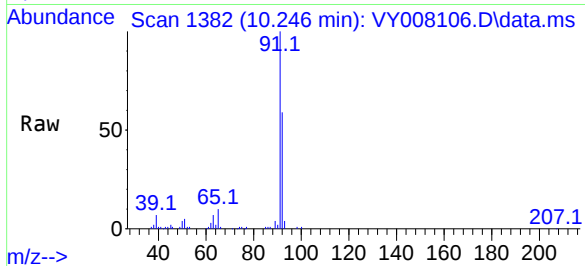




#52
Toluene
Concen: 2.623 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

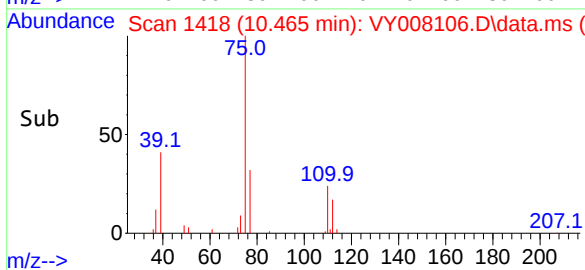
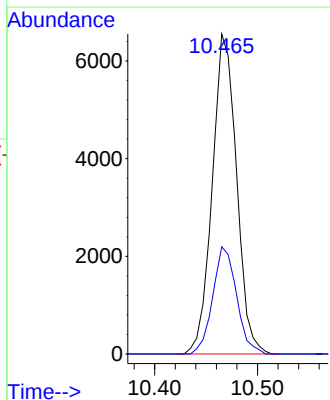
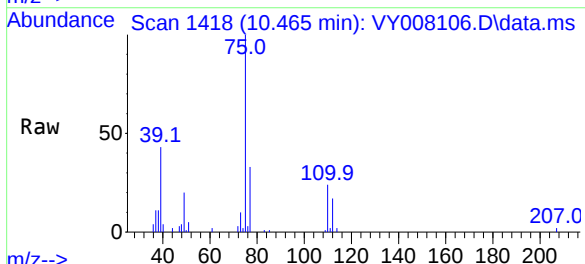
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

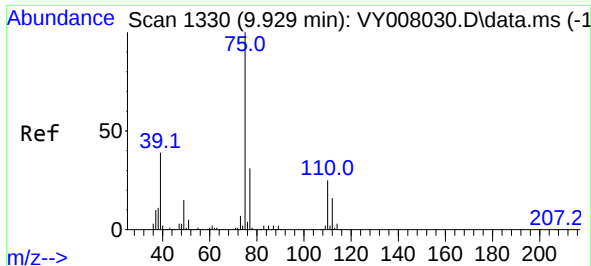
Tgt Ion: 92 Resp: 24120
Ion Ratio Lower Upper
92 100
91 171.7 142.6 213.8



#53
t-1,3-Dichloropropene
Concen: 2.108 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 75 Resp: 10736
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.2

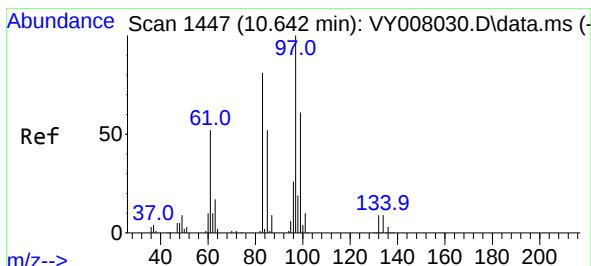
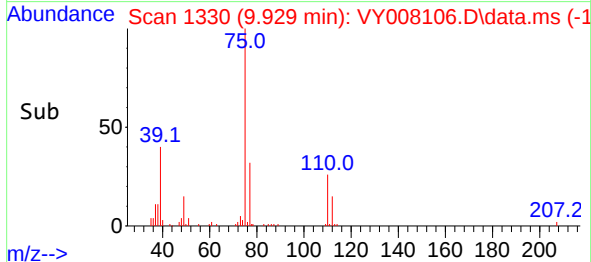
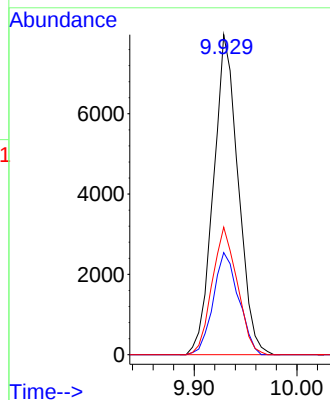
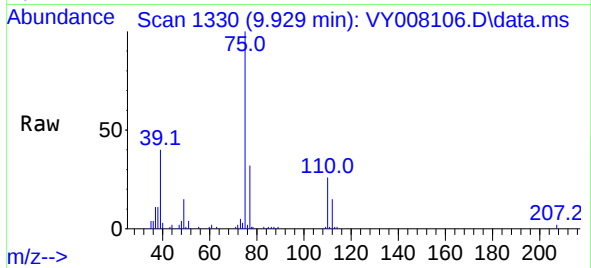




#54
cis-1,3-Dichloropropene
Concen: 2.310 ug/l
RT: 9.929 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

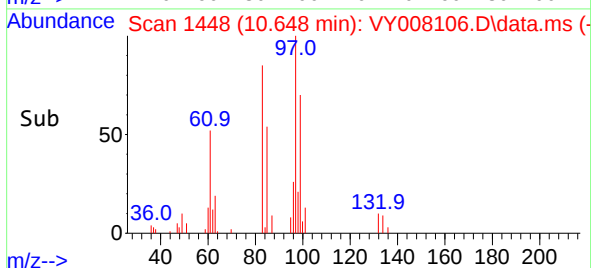
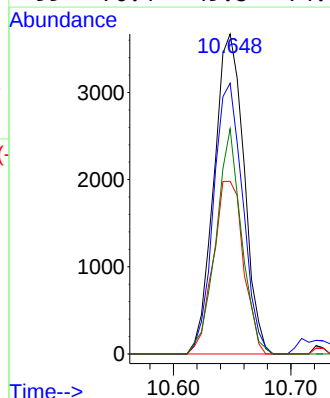
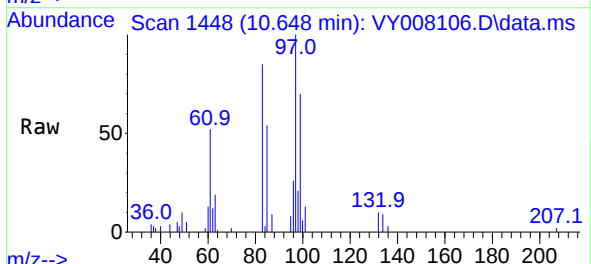
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

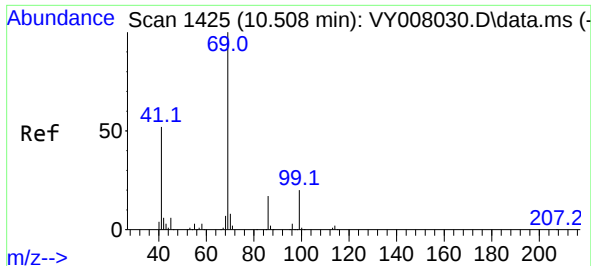
Tgt Ion: 75 Resp: 13321
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4
39 39.8 47.6 71.4#



#55
1,1,2-Trichloroethane
Concen: 2.169 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 97 Resp: 6507
Ion Ratio Lower Upper
97 100
83 84.6 69.8 104.8
85 53.9 44.3 66.5
99 70.4 49.8 74.6

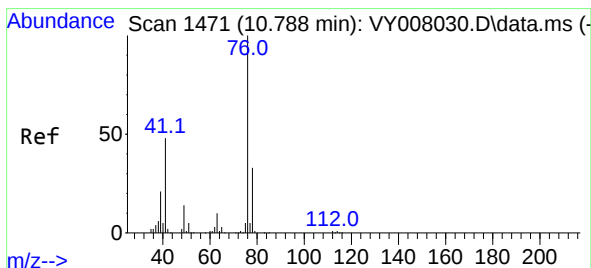
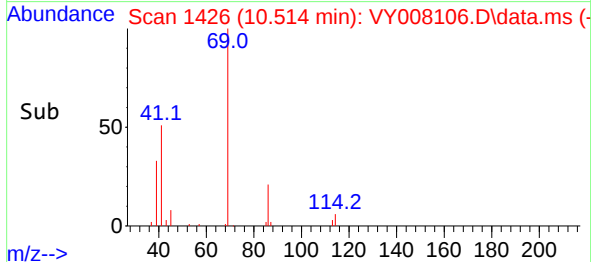
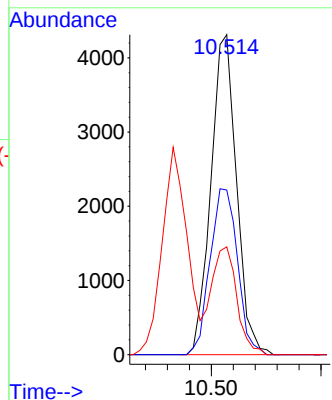
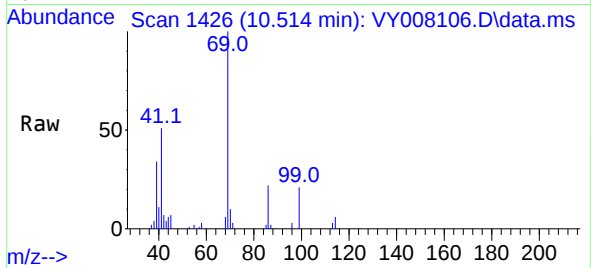




#56
Ethyl methacrylate
Concen: 1.789 ug/l
RT: 10.514 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

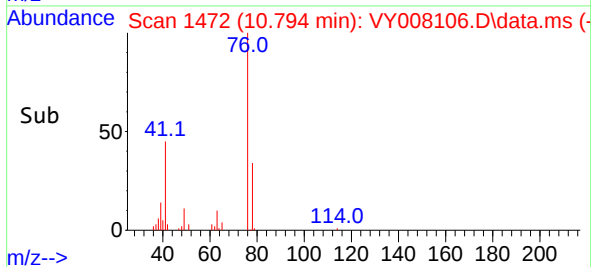
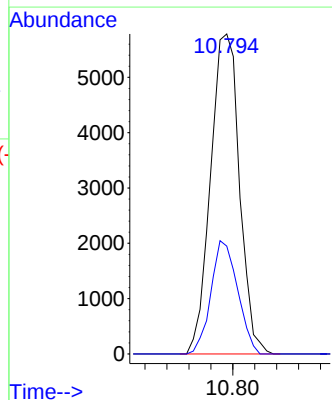
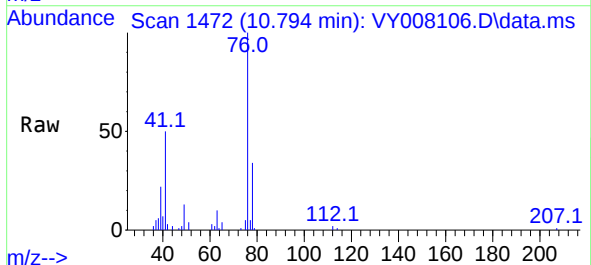
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

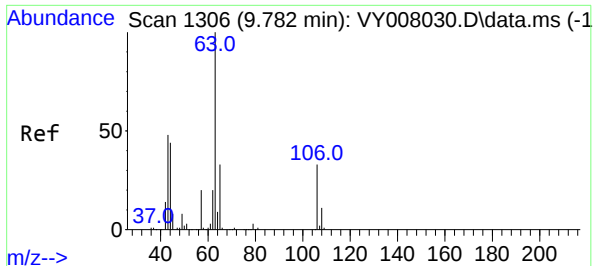
Tgt Ion: 69 Resp: 7001
Ion Ratio Lower Upper
69 100
41 55.5 63.4 95.0#
39 33.9 35.8 53.8#



#57
1,3-Dichloropropane
Concen: 2.157 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 76 Resp: 10595
Ion Ratio Lower Upper
76 100
78 32.6 25.0 37.6





#58

2-Chloroethyl Vinyl ether

Concen: 10.913 ug/l

RT: 9.782 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

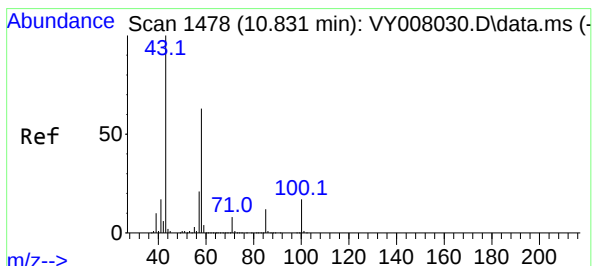
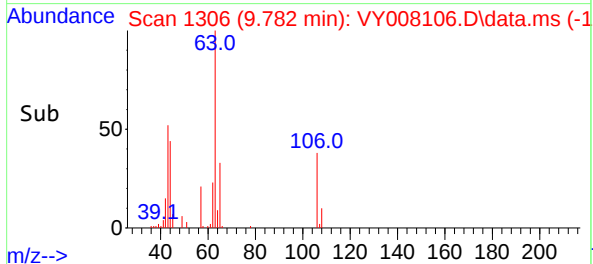
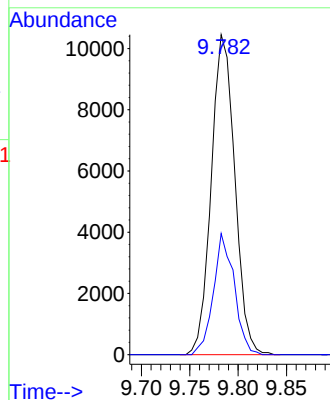
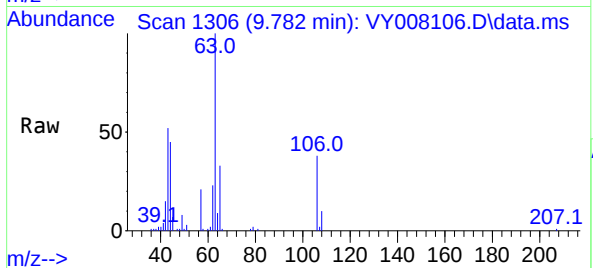
MDL-SOIL-03-QT1-2022

Tgt Ion: 63 Resp: 17698

Ion Ratio Lower Upper

63 100

106 33.5 21.5 32.3#



#59

2-Hexanone

Concen: 7.898 ug/l

RT: 10.837 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VY008106.D

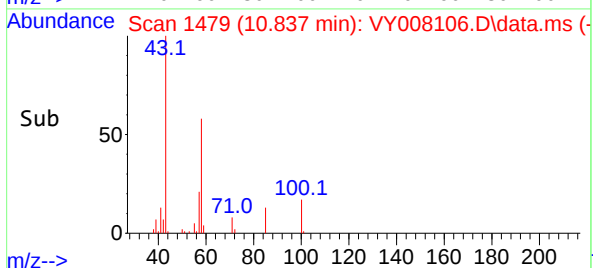
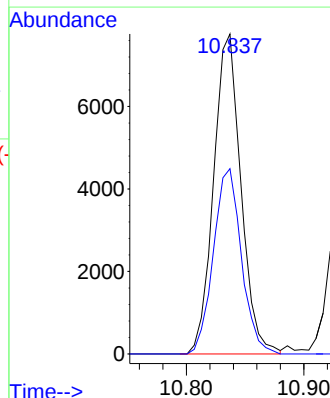
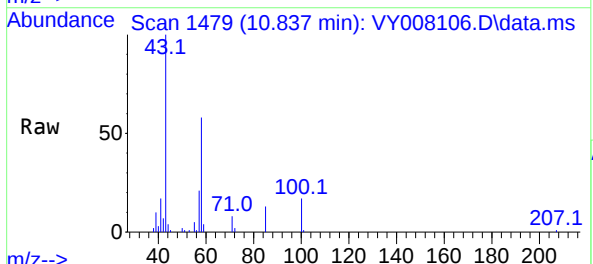
Acq: 30 Mar 2022 13:21

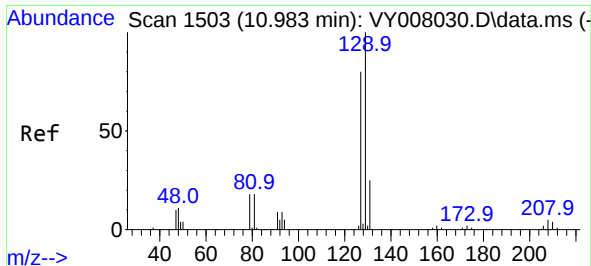
Tgt Ion: 43 Resp: 12532

Ion Ratio Lower Upper

43 100

58 59.4 24.4 73.4

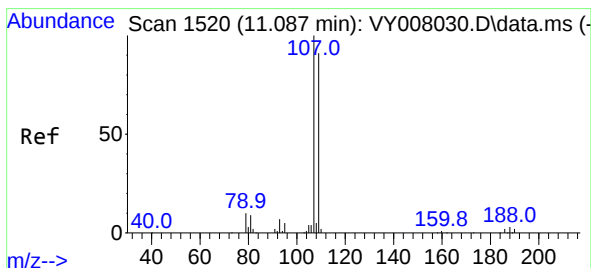
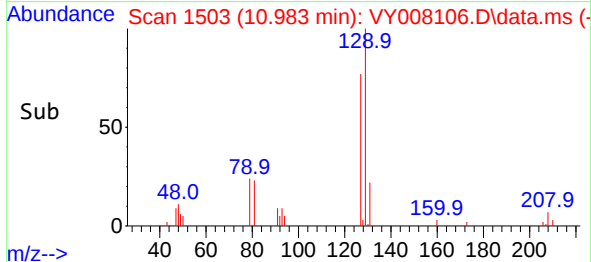
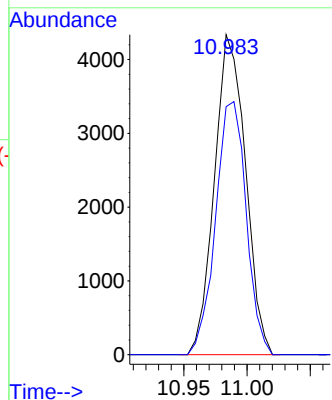
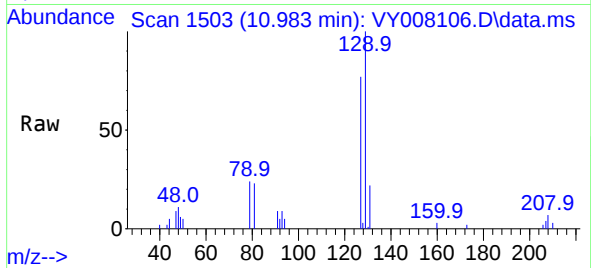




#60
Dibromochloromethane
Concen: 2.027 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

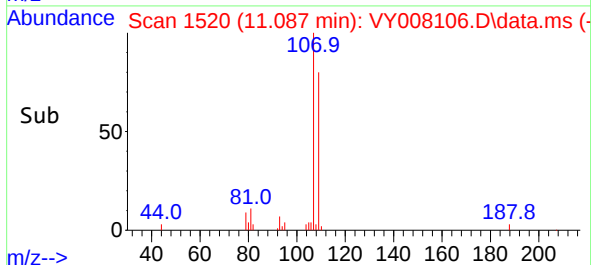
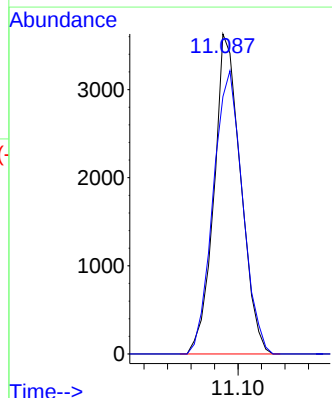
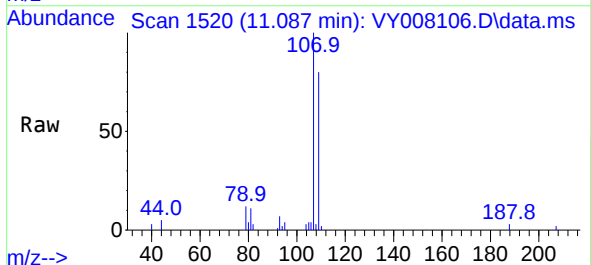
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT1-2022

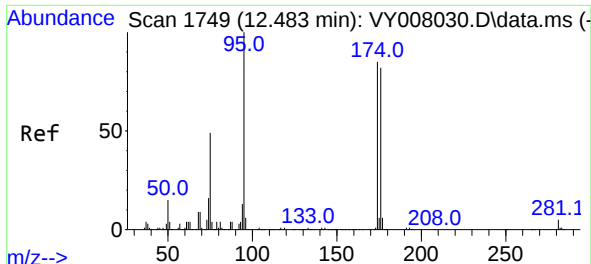
Tgt Ion:129 Resp: 7399
Ion Ratio Lower Upper
129 100
127 77.9 38.7 116.1



#61
1,2-Dibromoethane
Concen: 1.916 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:107 Resp: 5725
Ion Ratio Lower Upper
107 100
109 97.2 75.4 113.2

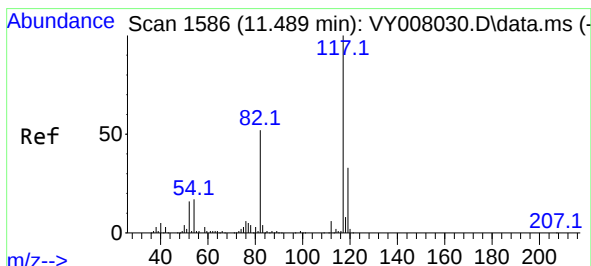
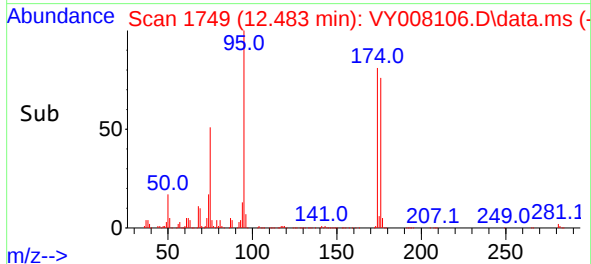
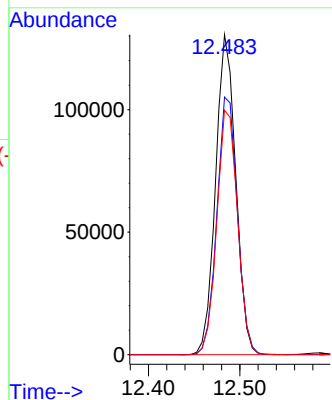
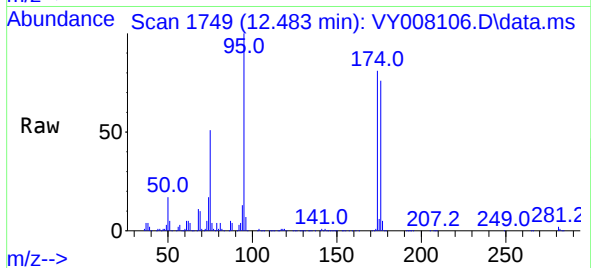




#62
4-Bromofluorobenzene
Concen: 48.249 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

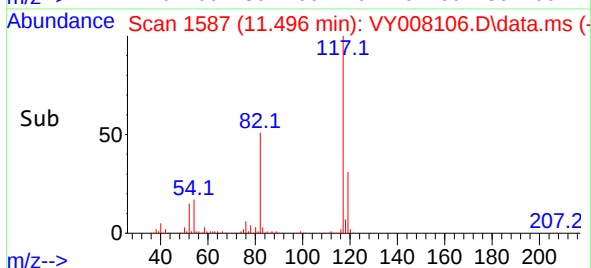
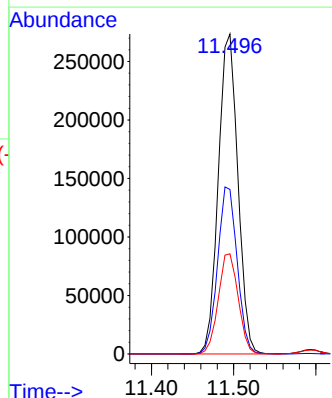
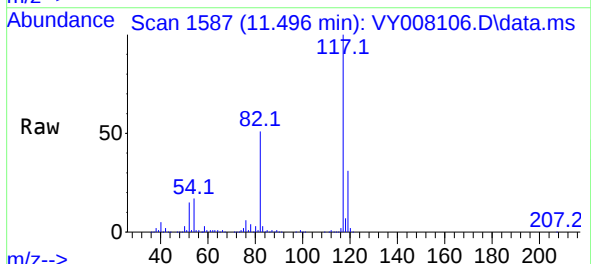
Instrument :
MSVOA_Y
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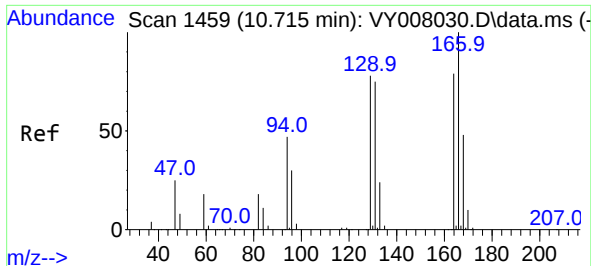
Tgt Ion: 95 Resp: 200149
Ion Ratio Lower Upper
95 100
174 82.1 0.0 177.0
176 78.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 117 Resp: 451736
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 31.3 25.4 38.0



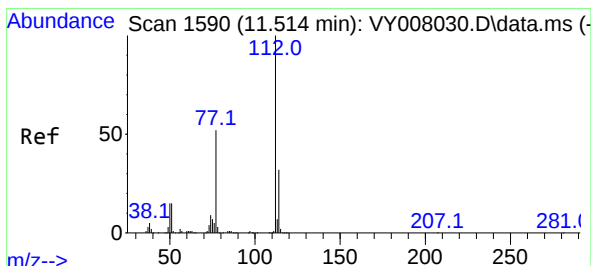
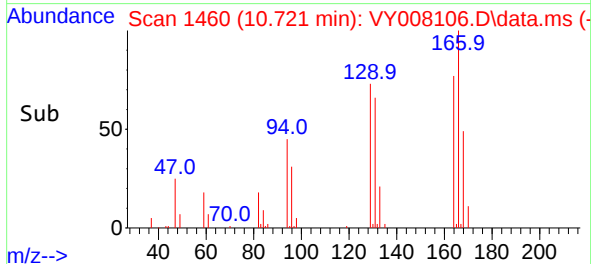
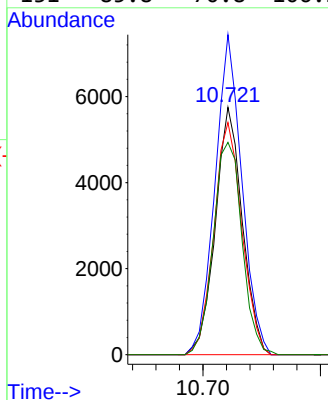
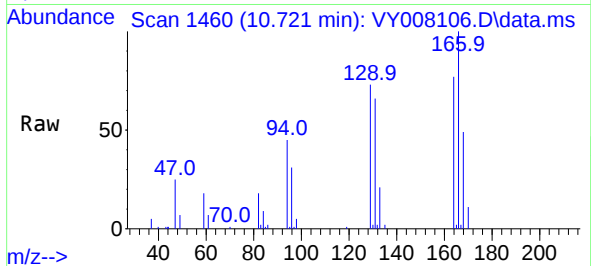


#64
Tetrachloroethene
Concen: 2.648 ug/l
RT: 10.721 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:164 Resp: 9189

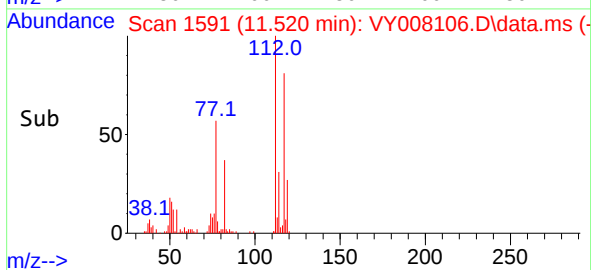
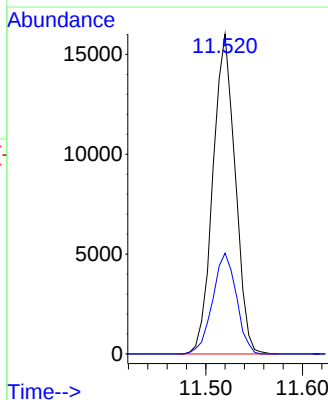
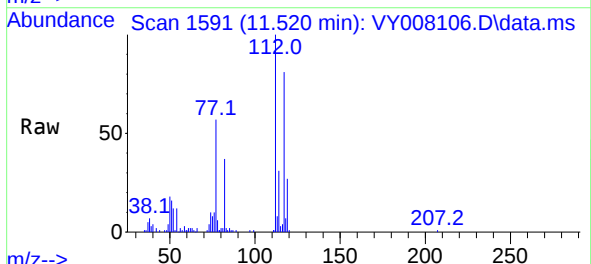
Ion	Ratio	Lower	Upper
164	100		
166	129.3	100.4	150.6
129	93.8	71.4	107.0
131	85.8	70.8	106.2

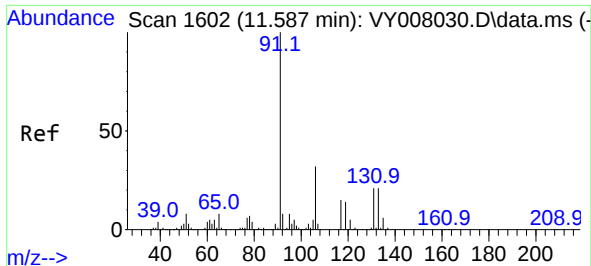


#65
Chlorobenzene
Concen: 2.517 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:112 Resp: 25642

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.8	38.6

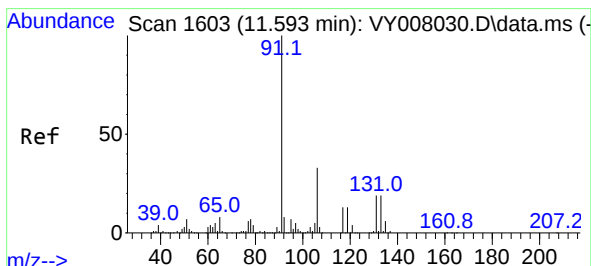
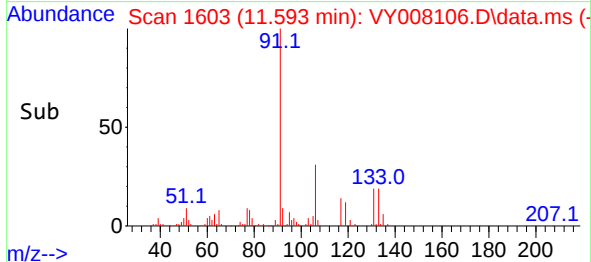
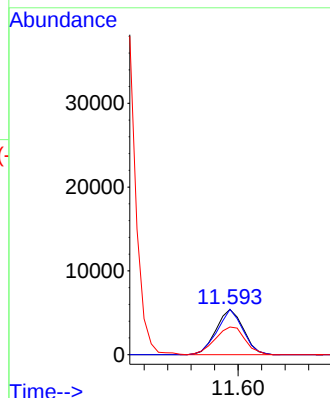
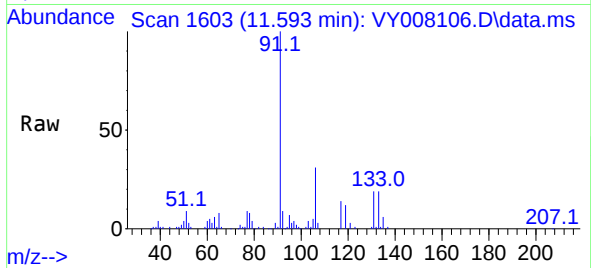




#66
1,1,1,2-Tetrachloroethane
Concen: 2.315 ug/l
RT: 11.593 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

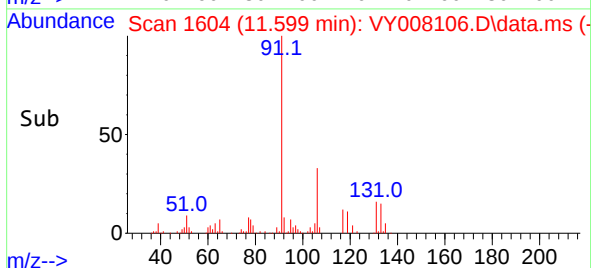
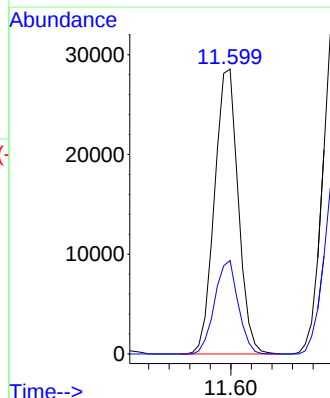
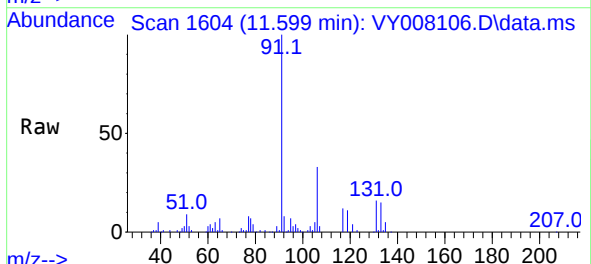
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

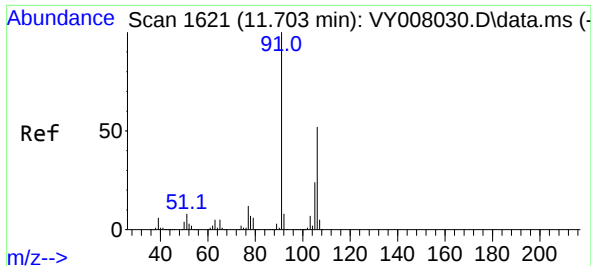
Tgt Ion:131 Resp: 8698
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 67.4 30.8 92.3



#67
Ethyl Benzene
Concen: 2.559 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 91 Resp: 45685
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7

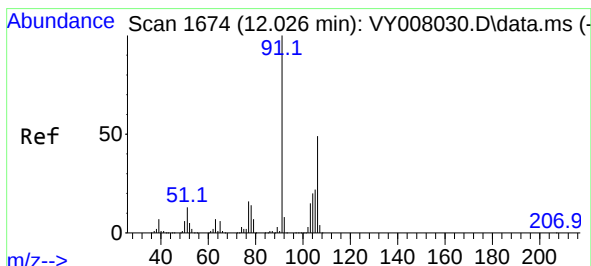
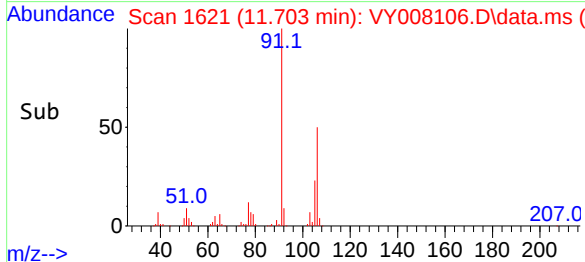
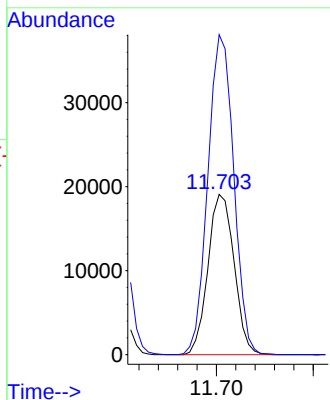
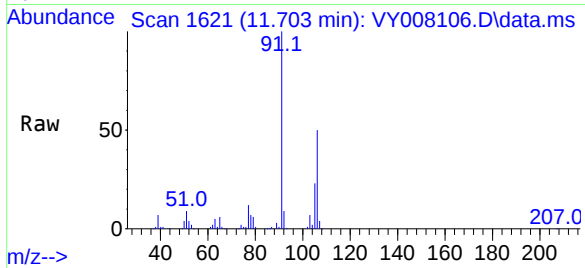




#68
m/p-Xylenes
Concen: 5.047 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

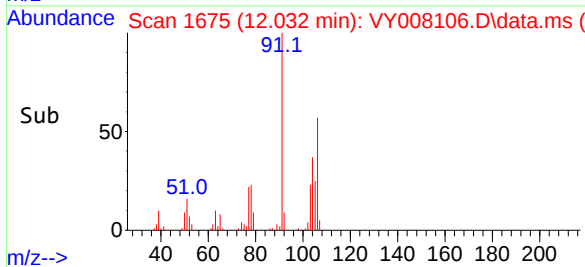
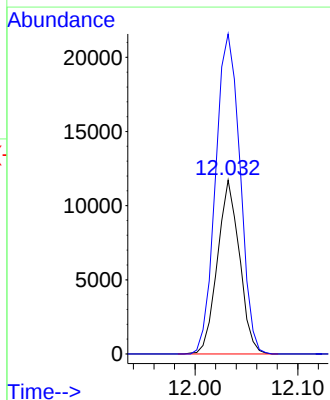
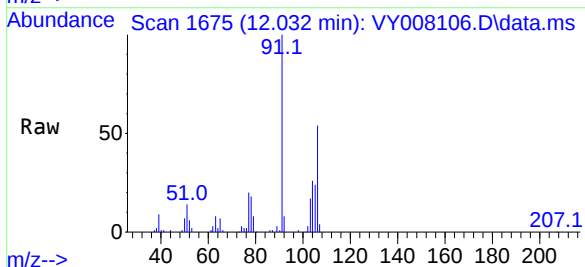
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

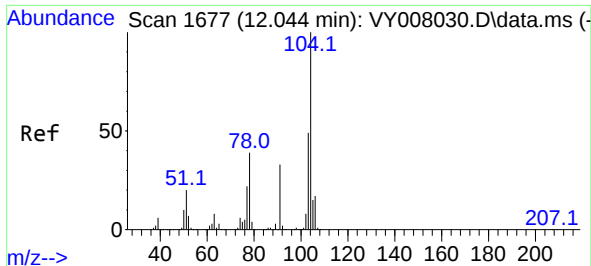
Tgt Ion:106 Resp: 35830
Ion Ratio Lower Upper
106 100
91 197.7 166.6 249.8



#69
o-Xylene
Concen: 2.569 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:106 Resp: 17464
Ion Ratio Lower Upper
106 100
91 203.9 110.3 331.0

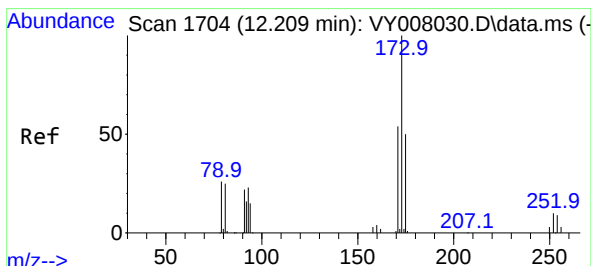
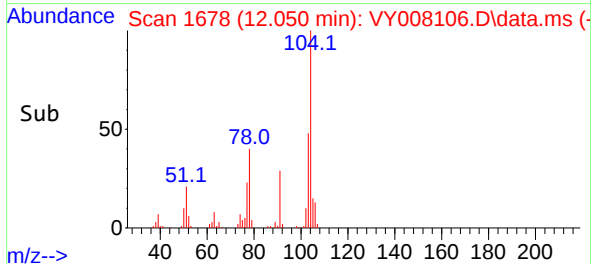
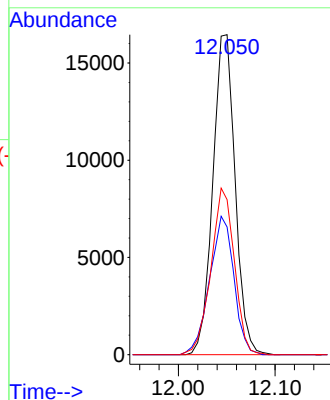
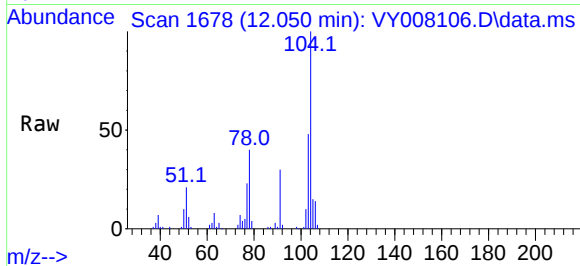




#70
Styrene
Concen: 2.371 ug/l
RT: 12.050 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

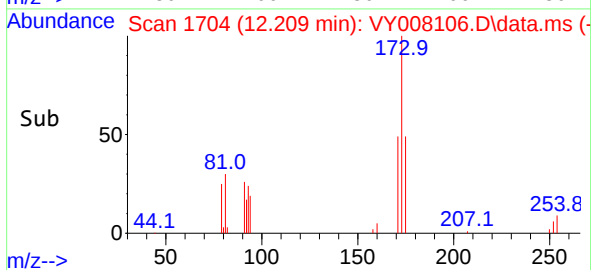
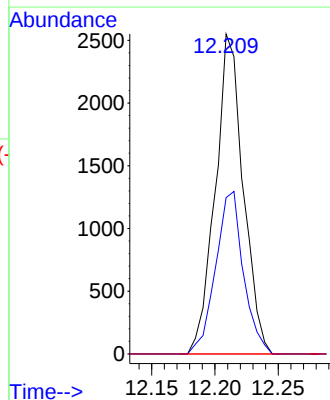
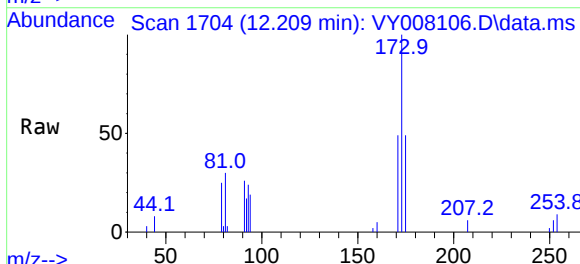
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

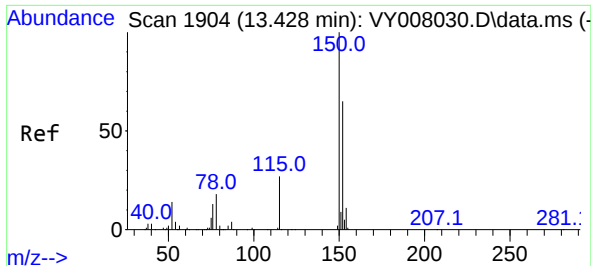
Tgt Ion:	104	Resp:	26376
Ion Ratio	Lower	Upper	
104	100		
78	47.1	42.4	63.6
103	54.7	44.4	66.6



#71
Bromoform
Concen: 1.722 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:	173	Resp:	3906
Ion Ratio	Lower	Upper	
173	100		
175	50.6	24.6	74.0
254	0.0	0.0	0.0

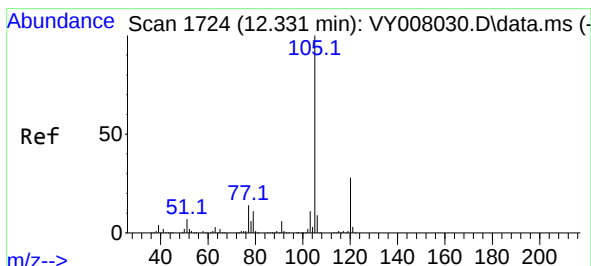
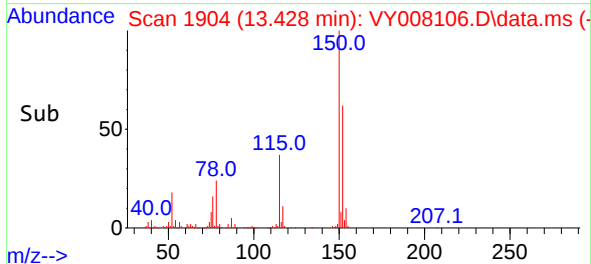
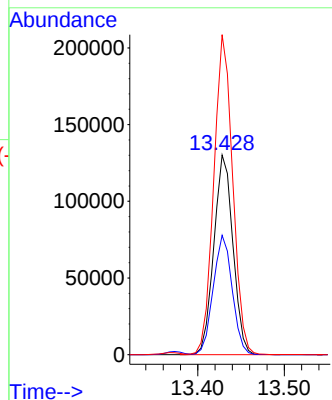
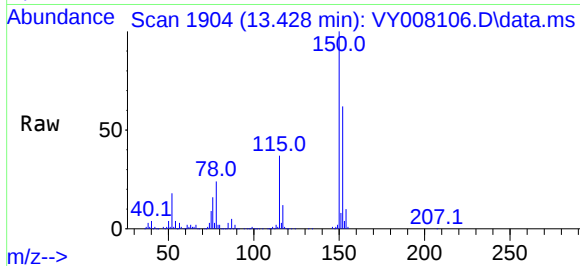




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

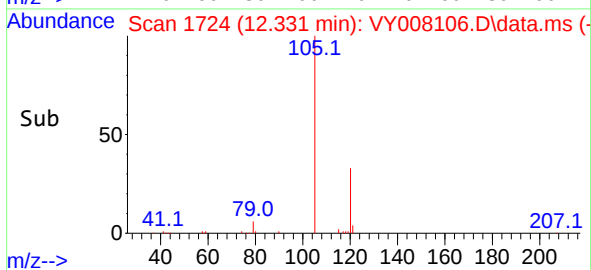
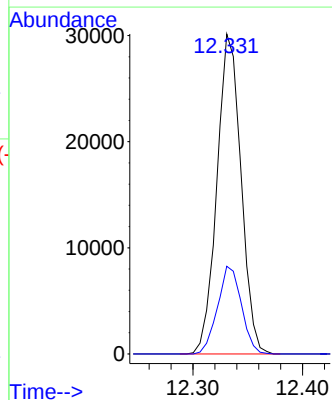
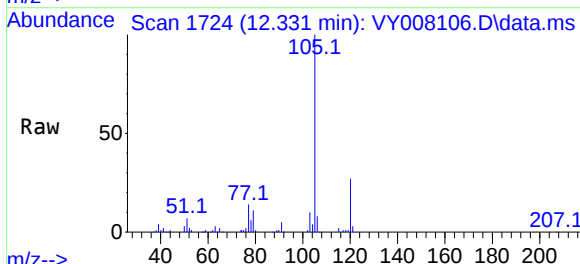
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

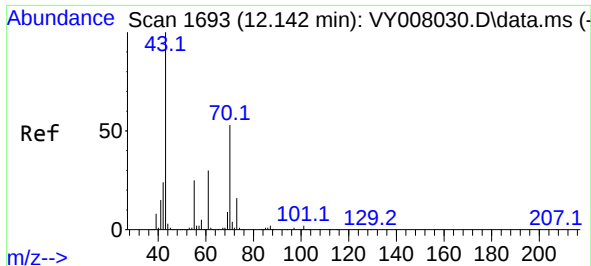
Tgt Ion:152 Resp: 199275
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 158.6 0.0 347.6



#73
Isopropylbenzene
Concen: 2.797 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:105 Resp: 46006
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

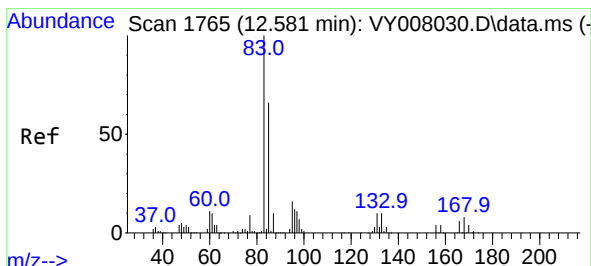
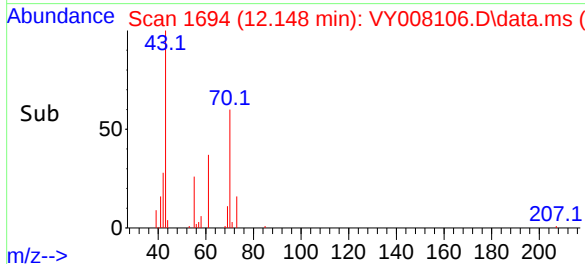
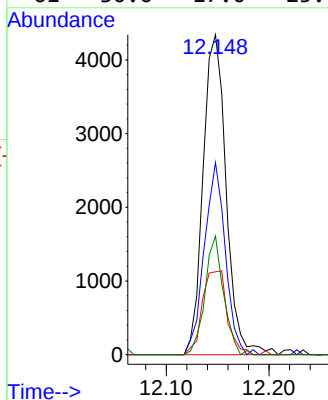
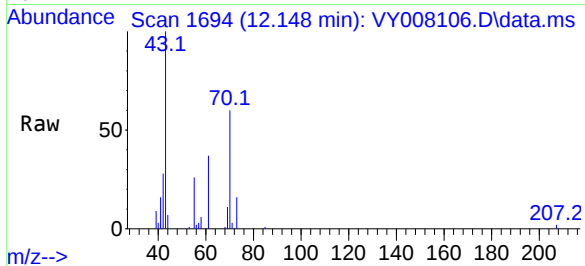




#74
N-amy1 acetate
Concen: 1.879 ug/l
RT: 12.148 min Scan# 1693
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

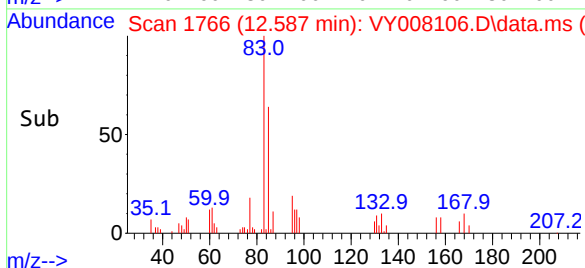
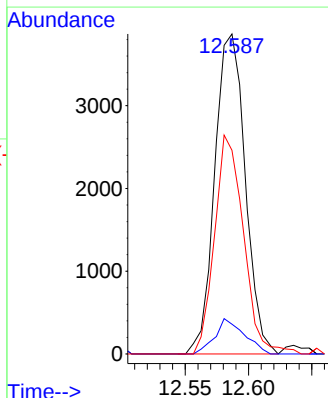
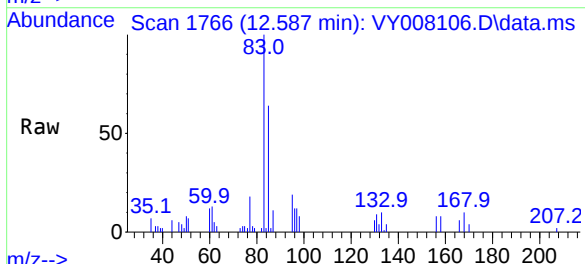
Instrument :
MSVOA_Y
ClientSampleId :
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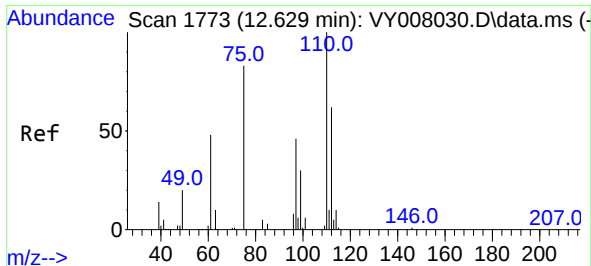
Tgt Ion:	43	Resp:	6794
Ion	Ratio	Lower	Upper
43	100		
70	54.8	28.7	43.1#
55	28.1	17.3	25.9#
61	30.0	17.0	25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.024 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:	83	Resp:	6472
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.6	16.8
85	65.0	32.3	96.8

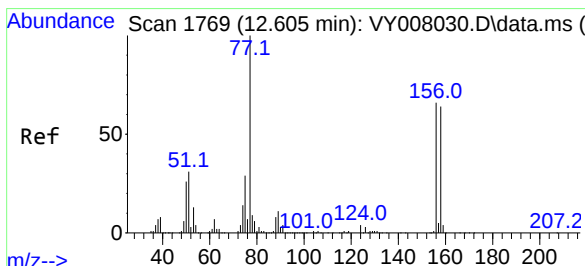
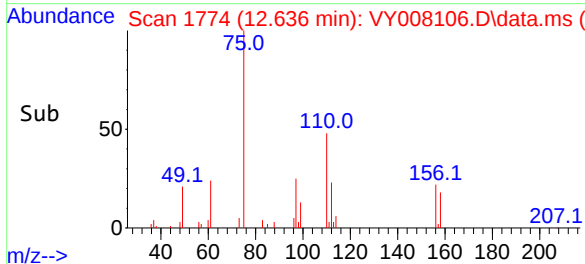
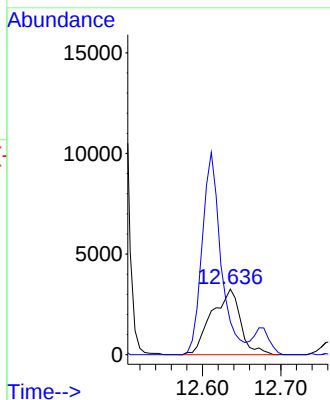
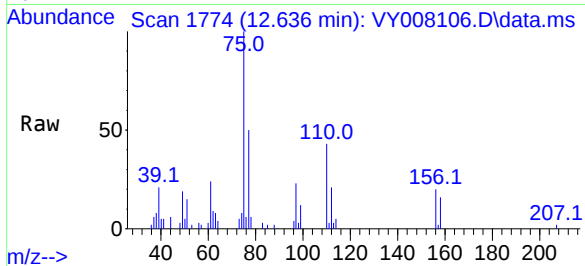




#76
1,2,3-Trichloropropane
Concen: 3.428 ug/l
RT: 12.636 min Scan# 1773
Delta R.T. 0.007 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

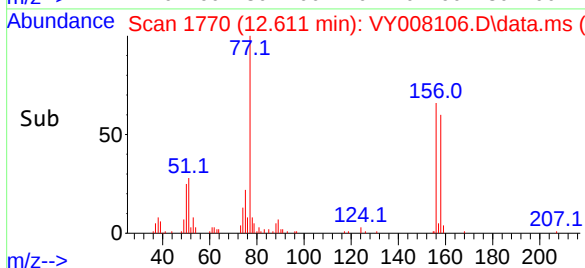
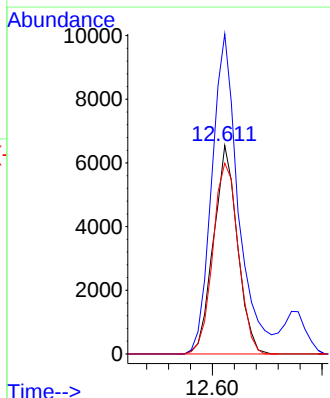
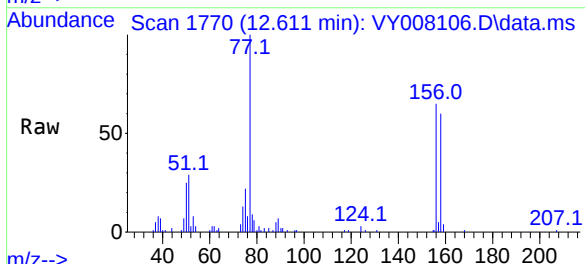
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

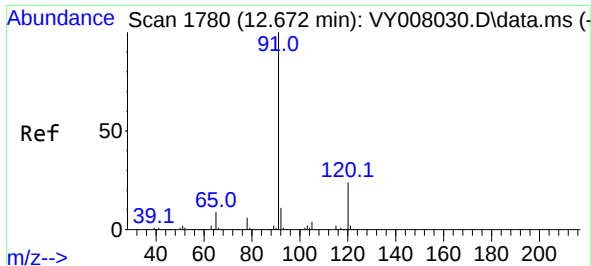
Tgt Ion: 75 Resp: 8328
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 2.630 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 156 Resp: 9924
Ion Ratio Lower Upper
156 100
77 169.8 95.5 286.4
158 96.9 48.0 144.0

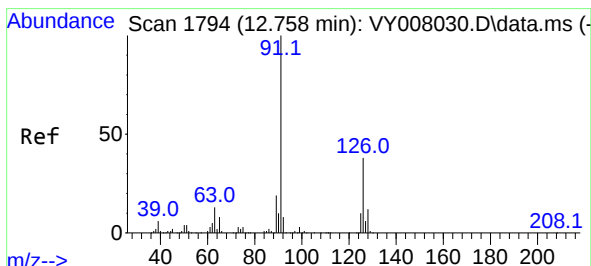
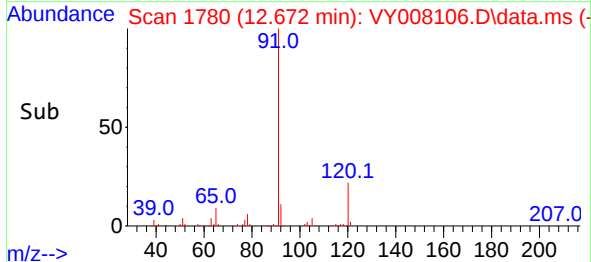
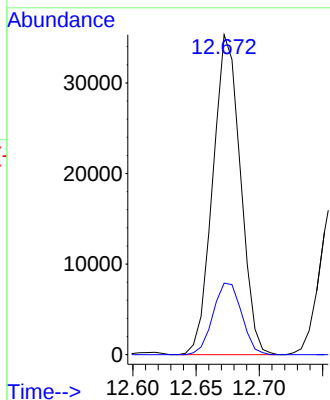
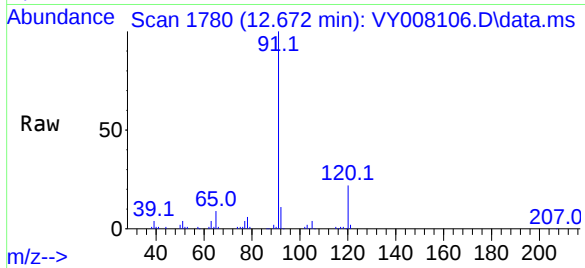




#78
n-propylbenzene
Concen: 2.767 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

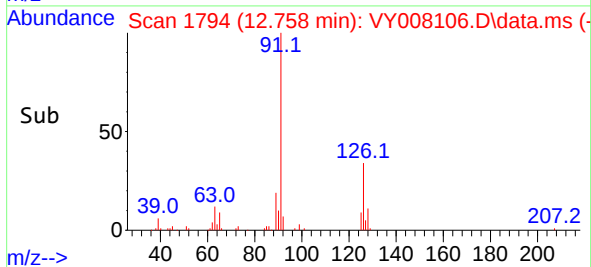
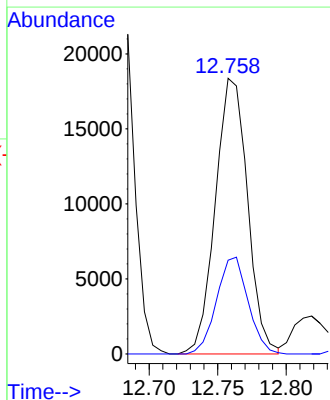
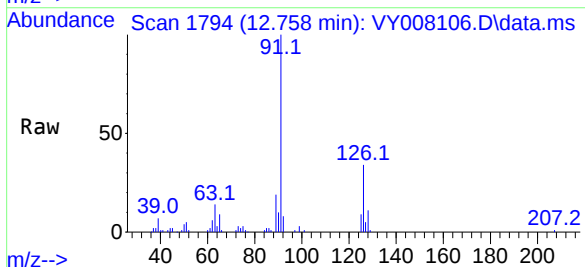
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

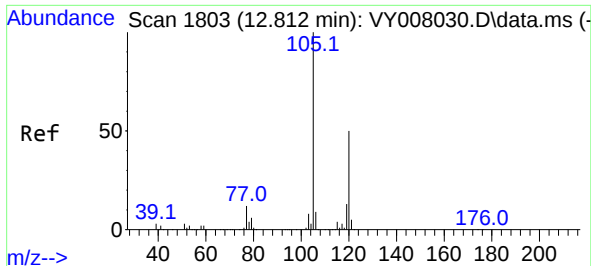
Tgt Ion: 91 Resp: 53681
Ion Ratio Lower Upper
91 100
120 23.1 11.3 33.9



#79
2-Chlorotoluene
Concen: 2.794 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 91 Resp: 30075
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.6

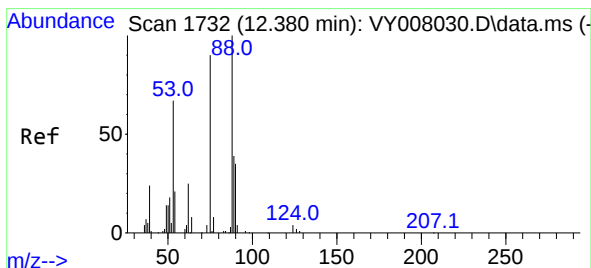
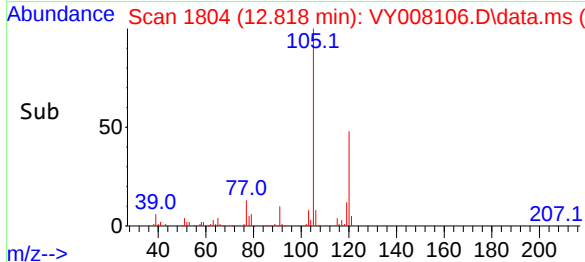
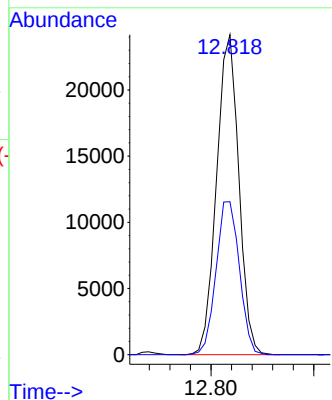
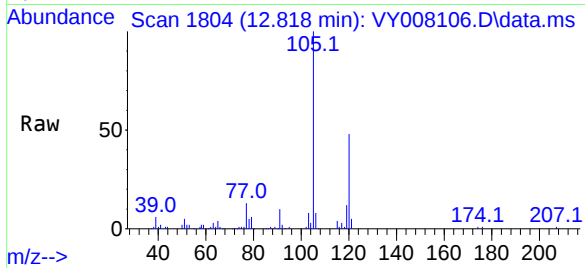




#80
1,3,5-Trimethylbenzene
Concen: 2.692 ug/l
RT: 12.818 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

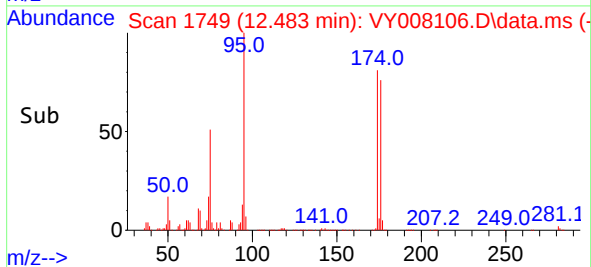
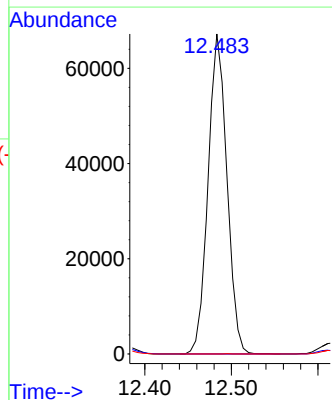
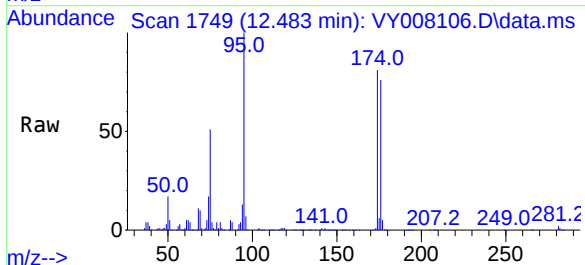
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

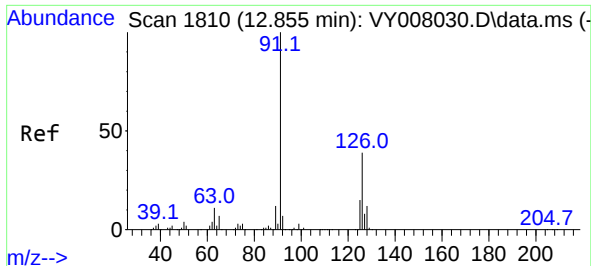
Tgt Ion:105 Resp: 36281
Ion Ratio Lower Upper
105 100
120 50.3 24.4 73.4



#81
trans-1,4-Dichloro-2-butene
Concen: 93.358 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 75 Resp: 101643
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

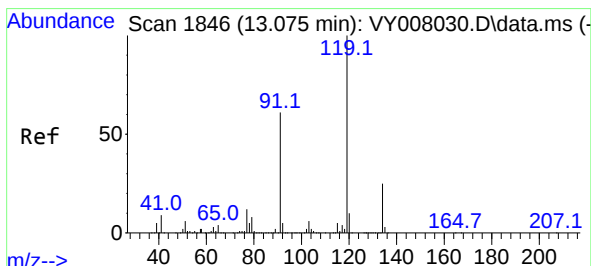
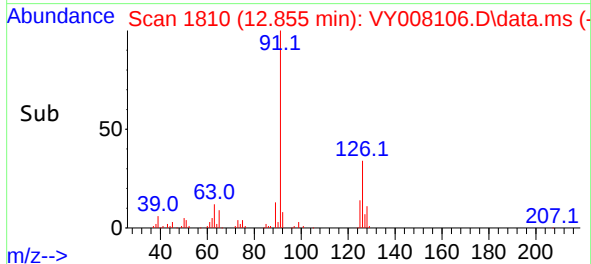
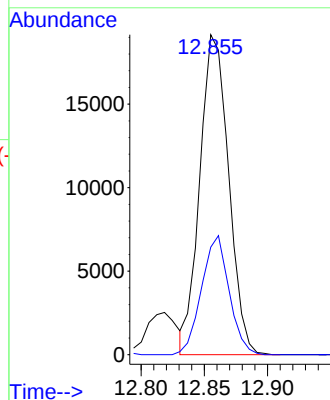
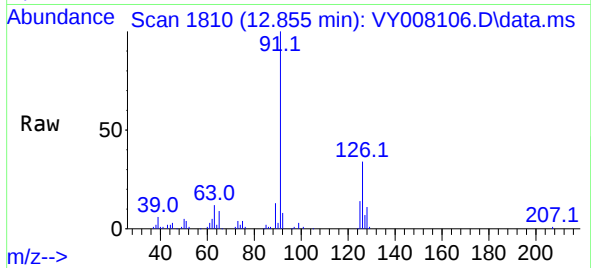




#82
4-Chlorotoluene
Concen: 2.750 ug/l
RT: 12.855 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

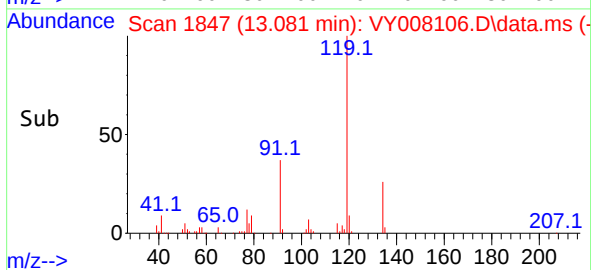
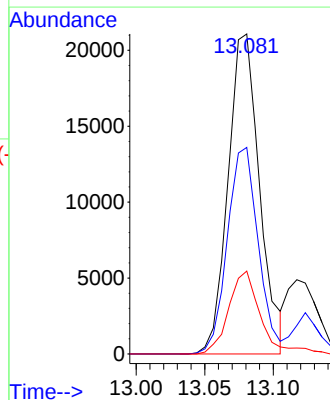
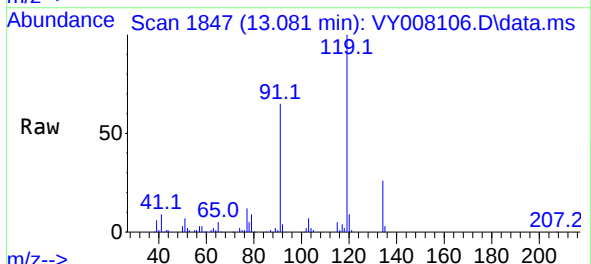
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

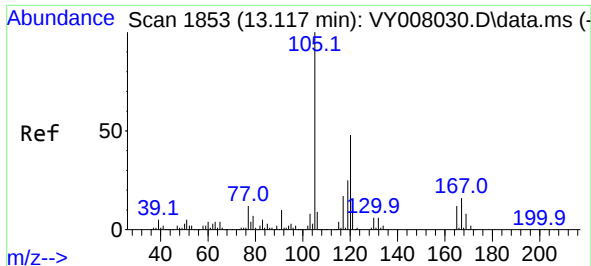
Tgt Ion: 91 Resp: 30368
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0



#83
tert-Butylbenzene
Concen: 2.816 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 119 Resp: 33807
Ion Ratio Lower Upper
119 100
91 63.1 34.8 104.4
134 26.1 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 2.721 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY008106.D

Acq: 30 Mar 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

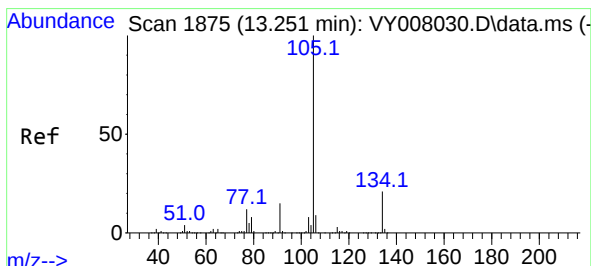
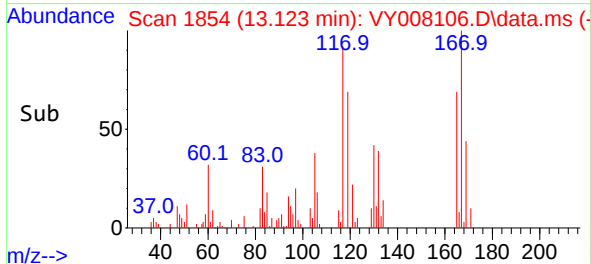
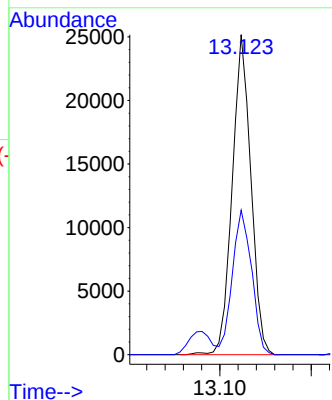
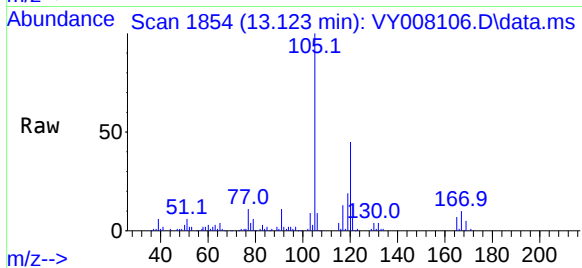
MDL-SOIL-03-QT1-2022

Tgt Ion:105 Resp: 35702

Ion Ratio Lower Upper

105 100

120 46.4 22.3 66.9



#85

sec-Butylbenzene

Concen: 2.827 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY008106.D

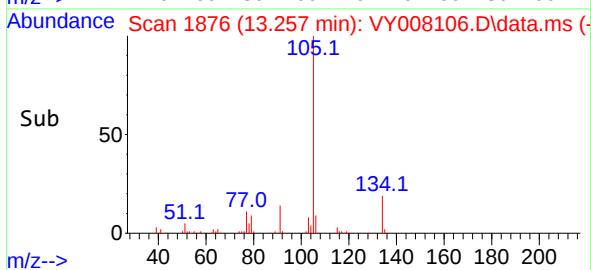
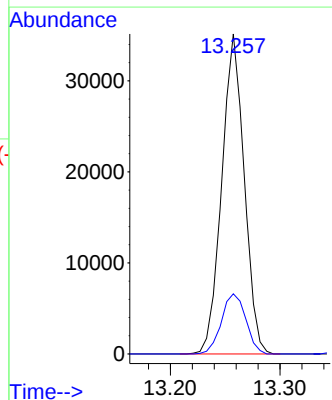
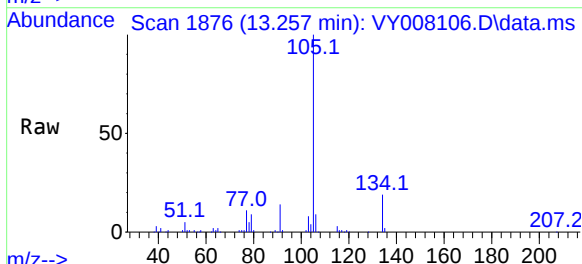
Acq: 30 Mar 2022 13:21

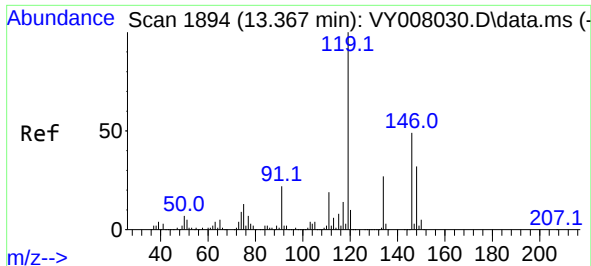
Tgt Ion:105 Resp: 50102

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4

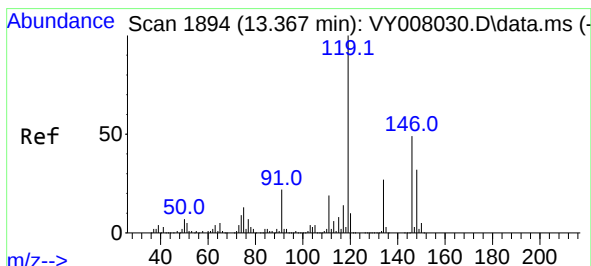
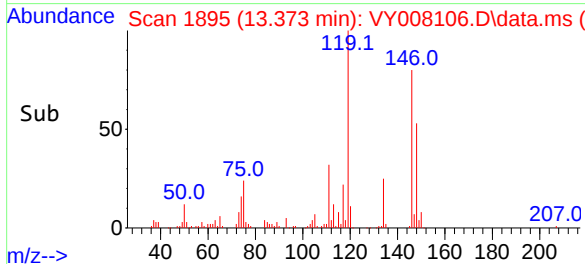
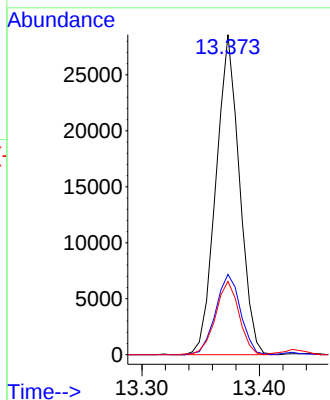
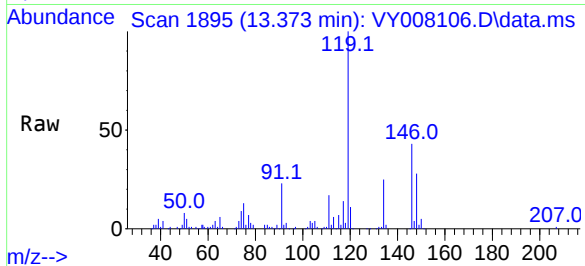




#86
p-Isopropyltoluene
Concen: 2.701 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

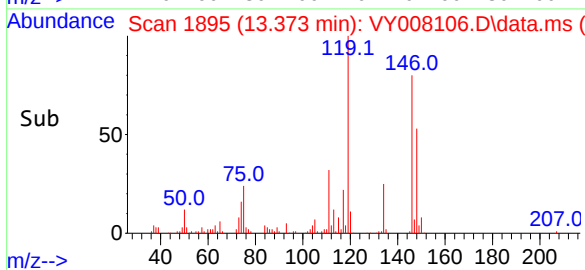
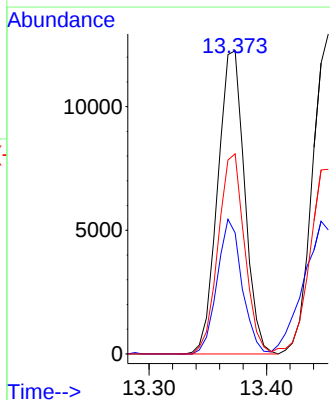
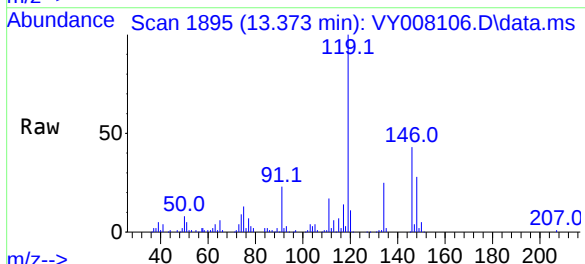
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

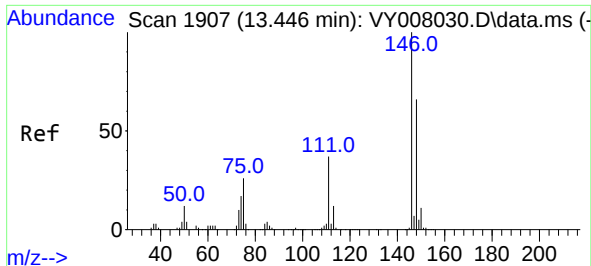
Tgt Ion:	119	Resp:	39825
Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.2	39.5
91	22.9	12.4	37.2



#87
1,3-Dichlorobenzene
Concen: 2.608 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:	146	Resp:	19510
Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.5	58.5
148	64.8	31.6	95.0

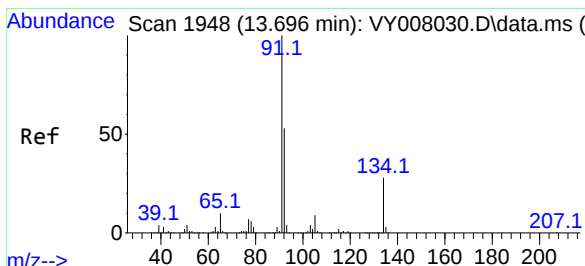
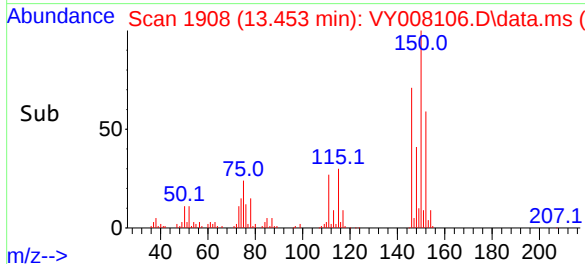
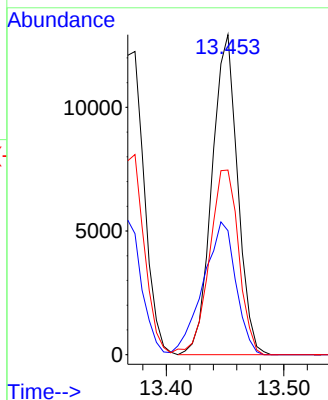
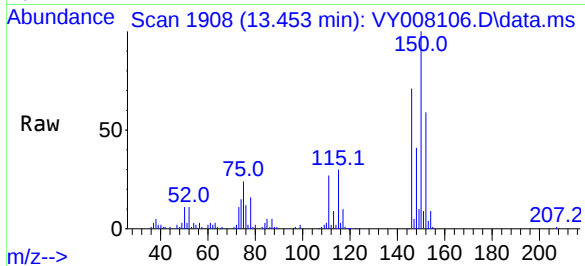




#88
1,4-Dichlorobenzene
Concen: 2.634 ug/l
RT: 13.453 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

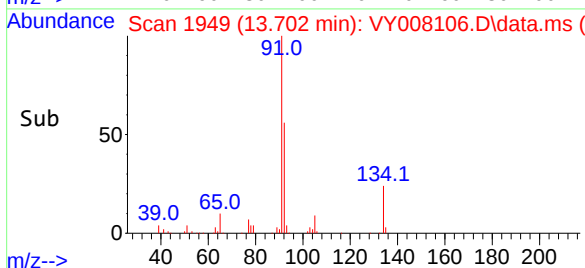
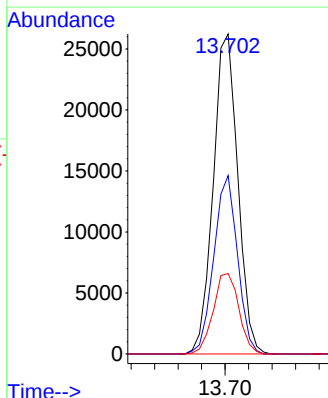
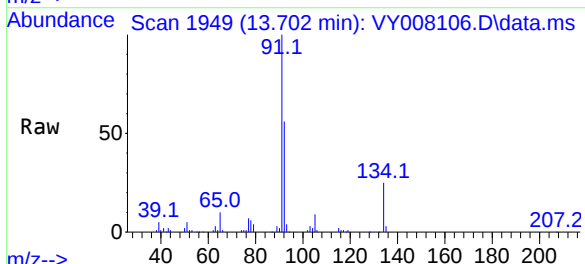
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

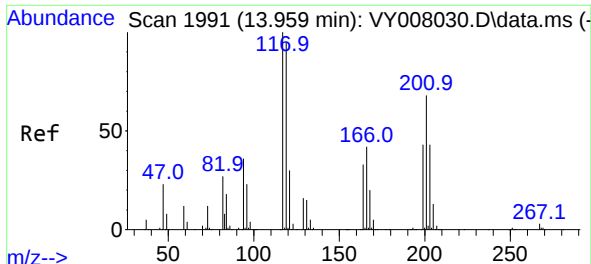
Tgt Ion:	146	Resp:	19654
Ion	Ratio	Lower	Upper
146	100		
111	52.8	19.3	57.8
148	65.6	32.6	97.8



#89
n-Butylbenzene
Concen: 2.804 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:	91	Resp:	38052
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.3	78.9
134	26.3	13.0	38.9

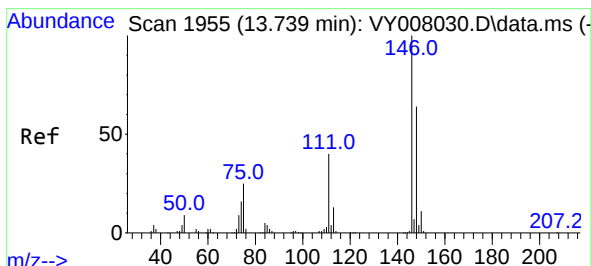
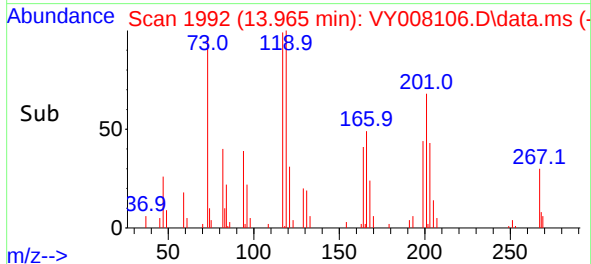
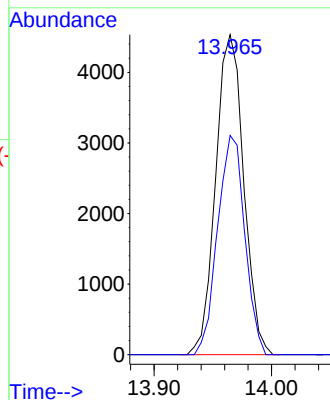
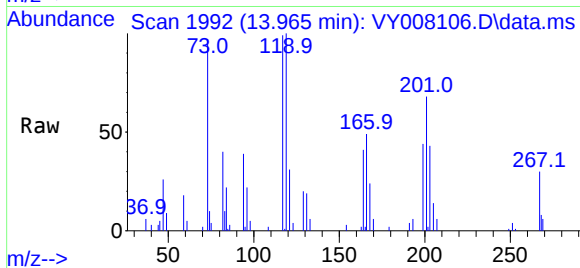




#90
Hexachloroethane
Concen: 2.630 ug/l
RT: 13.965 min Scan# 1991
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

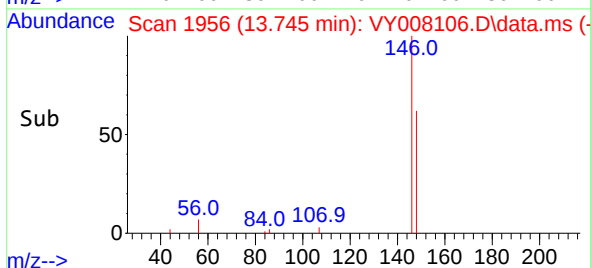
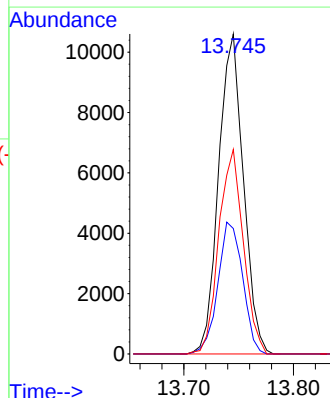
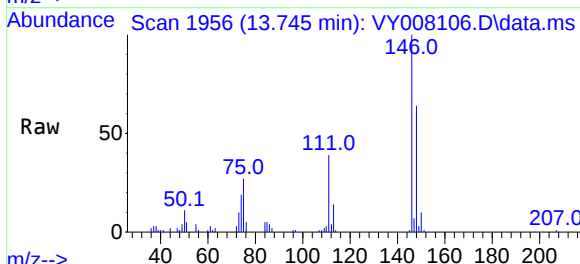
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

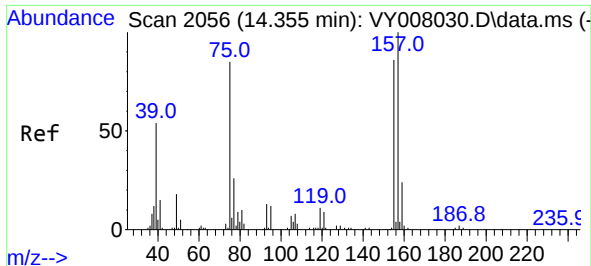
Tgt Ion:117 Resp: 7516
Ion Ratio Lower Upper
117 100
201 66.3 43.0 128.8



#91
1,2-Dichlorobenzene
Concen: 2.532 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion:146 Resp: 16677
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.9
148 63.3 32.3 96.9

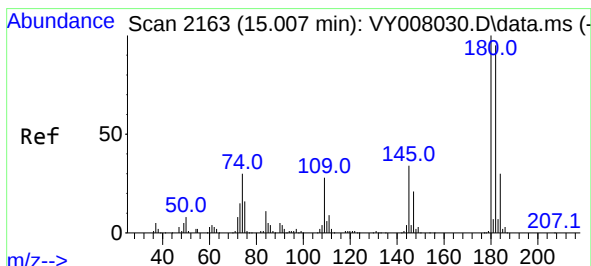
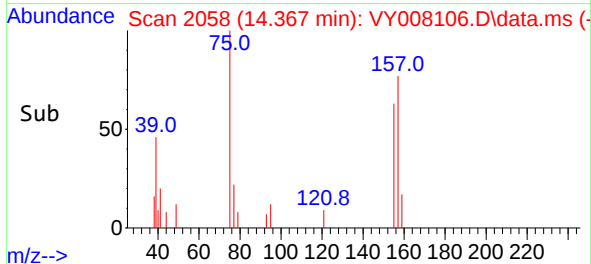
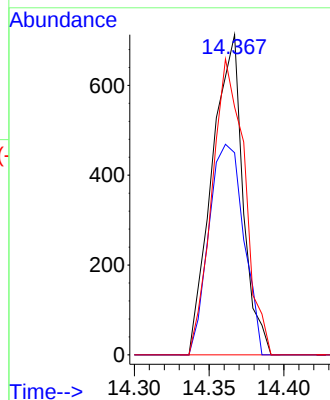
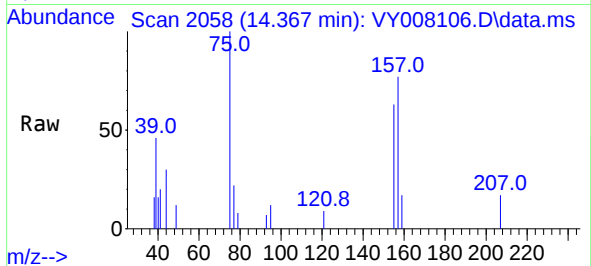




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.005 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.012 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

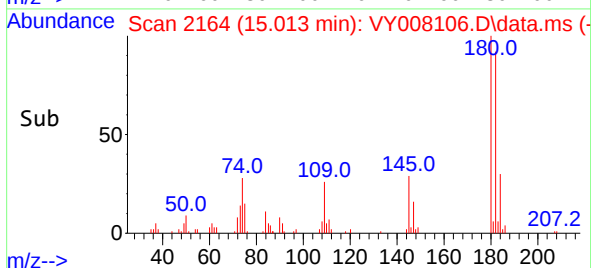
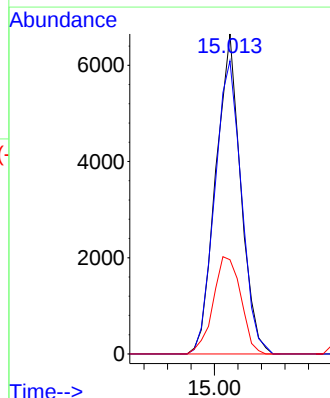
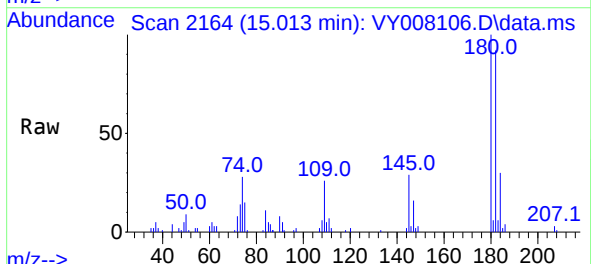
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

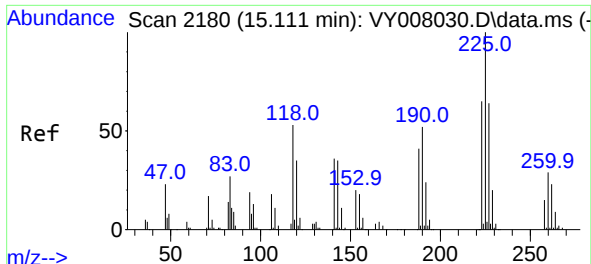
Tgt Ion: 75 Resp: 1023
Ion Ratio Lower Upper
75 100
155 74.5 38.0 113.9
157 97.6 47.8 143.3



#93
1,2,4-Trichlorobenzene
Concen: 2.487 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

Tgt Ion: 180 Resp: 9813
Ion Ratio Lower Upper
180 100
182 97.7 47.3 141.9
145 33.6 14.6 43.8

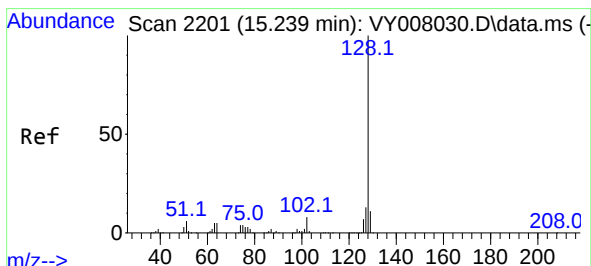
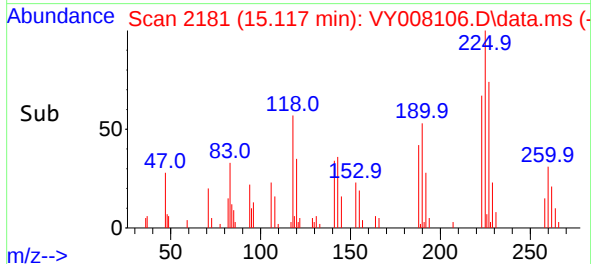
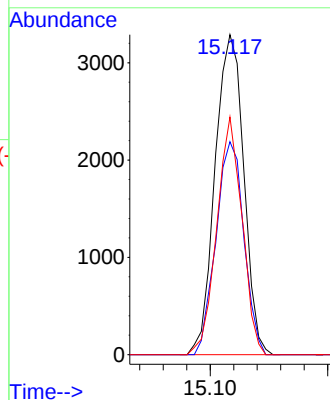
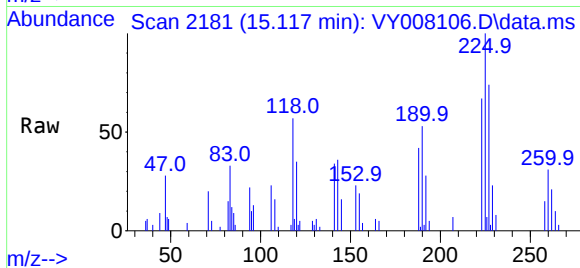




#94
Hexachlorobutadiene
Concen: 2.670 ug/l
RT: 15.117 min Scan# 2180
Delta R.T. 0.006 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

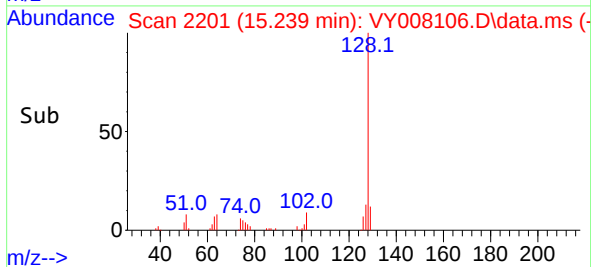
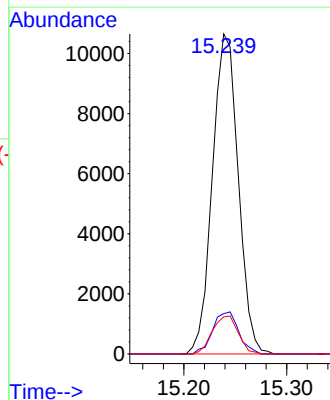
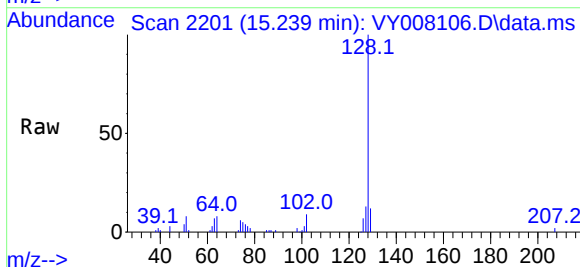
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

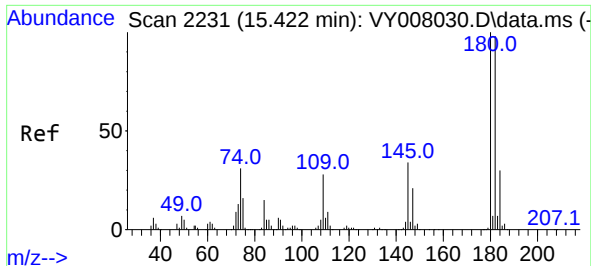
Tgt Ion:225 Resp: 5573
Ion Ratio Lower Upper
225 100
223 64.7 30.8 92.3
227 65.5 31.6 94.7



#95
Naphthalene
Concen: 2.130 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY008106.D
Acq: 30 Mar 2022 13:21

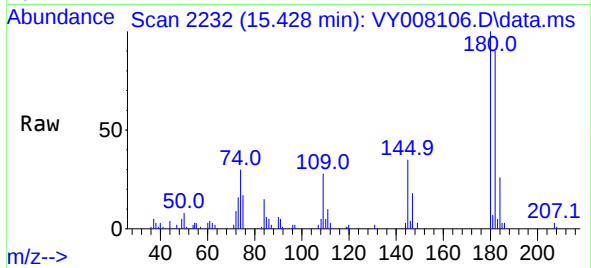
Tgt Ion:128 Resp: 18570
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 11.9 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 2.482 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY008106.D
 Acq: 30 Mar 2022 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2022



Tgt Ion:	180	Resp:	8472
Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	141.9
145	33.6	15.3	45.9

