

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008108.D
 Acq On : 30 Mar 2022 14:08
 Operator : SY/MD
 Sample : N1645-03 2.0ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 31 04:32:03 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	270850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	485777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	447053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196412	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	133200	49.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.040%
35) Dibromofluoromethane	7.722	113	154213	50.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.260%
50) Toluene-d8	10.179	98	600265	52.312	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.483	95	202082	49.918	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.840%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	2931	1.200	ug/l	78
3) Chloromethane	2.113	50	4256	1.431	ug/l	93
4) Vinyl Chloride	2.253	62	5342	1.350	ug/l	98
5) Bromomethane	2.656	94	5175	1.596	ug/l	92
6) Chloroethane	2.796	64	3640	1.399	ug/l	96
7) Trichlorofluoromethane	3.131	101	6837	1.366	ug/l	97
8) Diethyl Ether	3.534	74	2028	1.251	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.912	101	4344	1.399	ug/l	90
10) Methyl Iodide	4.101	142	3318	2.581	ug/l #	92
11) Tert butyl alcohol	4.948	59	1132	4.015	ug/l #	77
12) 1,1-Dichloroethene	3.881	96	4076	1.418	ug/l #	77
13) Acrolein	3.729	56	1066	4.645	ug/l	98
14) Allyl chloride	4.491	41	5255	1.390	ug/l #	86
15) Acrylonitrile	5.168	53	3794	4.915	ug/l	94
16) Acetone	3.948	43	2985	4.806	ug/l #	88
17) Carbon Disulfide	4.198	76	10378	1.275	ug/l	97
18) Methyl Acetate	4.473	43	3029	Below Cal	#	82
19) Methyl tert-butyl Ether	5.228	73	10083	1.235	ug/l #	89
20) Methylene Chloride	4.722	84	8569	Below Cal	#	74
21) trans-1,2-Dichloroethene	5.228	96	4952	1.488	ug/l #	71
22) Diisopropyl ether	6.125	45	11400	1.401	ug/l #	92
23) Vinyl Acetate	6.070	43	24381	4.837	ug/l #	89
24) 1,1-Dichloroethane	6.027	63	7305	1.356	ug/l	96
25) 2-Butanone	6.990	43	4629	4.897	ug/l #	83
26) 2,2-Dichloropropane	6.978	77	7141	1.400	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	5489	1.423	ug/l	79
28) Bromochloromethane	7.344	49	2690	Below Cal	#	74
29) Tetrahydrofuran	7.350	42	2977	4.844	ug/l #	70
30) Chloroform	7.509	83	8616	1.478	ug/l	92
31) Cyclohexane	7.795	56	11997	2.362	ug/l #	31
32) 1,1,1-Trichloroethane	7.704	97	7737	1.436	ug/l	95
36) 1,1-Dichloropropene	7.923	75	6595	1.378	ug/l	98
38) Carbon Tetrachloride	7.899	117	6629	1.271	ug/l #	90
39) Methylcyclohexane	9.185	83	8465	1.311	ug/l #	84
40) Benzene	8.161	78	18379	1.343	ug/l	95
41) Methacrylonitrile	7.350	41	2836	2.527	ug/l #	1

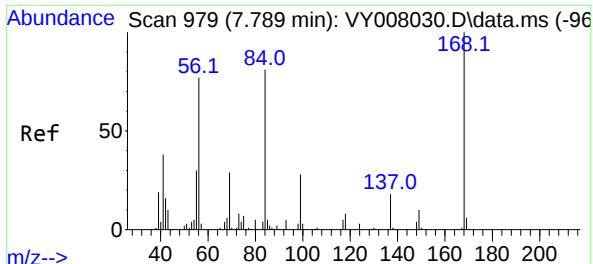
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.240	62	4801	1.251	ug/l	86
44) Trichloroethene	8.947	130	5176	1.308	ug/l	88
45) 1,2-Dichloropropane	9.216	63	4207	1.304	ug/l #	86
46) Dibromomethane	9.307	93	2580	1.217	ug/l	90
47) Bromodichloromethane	9.496	83	6129	1.264	ug/l #	88
49) 1,4-Dioxane	9.289	88	183	6.491	ug/l #	21
51) 4-Methyl-2-Pentanone	10.075	43	10276	4.644	ug/l #	85
52) Toluene	10.246	92	12082	1.346	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	5546	1.116	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	6836	1.215	ug/l #	84
55) 1,1,2-Trichloroethane	10.648	97	3481	1.189	ug/l	94
56) Ethyl methacrylate	10.514	69	3867	1.012	ug/l #	76
57) 1,3-Dichloropropane	10.795	76	5591	1.167	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.783	63	8440	5.333	ug/l	92
59) 2-Hexanone	10.831	43	6767	4.370	ug/l	84
60) Dibromochloromethane	10.984	129	3820	1.073	ug/l	99
61) 1,2-Dibromoethane	11.093	107	3116	1.068	ug/l	97
64) Tetrachloroethene	10.721	164	4671	1.360	ug/l #	87
65) Chlorobenzene	11.514	112	12990	1.289	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	4481	1.205	ug/l #	68
67) Ethyl Benzene	11.593	91	23360	1.322	ug/l	98
68) m/p-Xylenes	11.703	106	17528	2.495	ug/l	97
69) o-Xylene	12.032	106	8444	1.255	ug/l	95
70) Styrene	12.044	104	13477	1.224	ug/l	95
73) Isopropylbenzene	12.331	105	22955	1.416	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	3364	1.068	ug/l	91
76) 1,2,3-Trichloropropane	12.636	75	4213	1.760	ug/l #	100
77) Bromobenzene	12.611	156	4799	1.290	ug/l	93
78) n-propylbenzene	12.672	91	27395	1.433	ug/l	98
79) 2-Chlorotoluene	12.758	91	15408	1.452	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	18276	1.376	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	101859	94.920	ug/l #	7
82) 4-Chlorotoluene	12.855	91	15575	1.431	ug/l	99
83) tert-Butylbenzene	13.075	119	17103	1.445	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	17827	1.378	ug/l	98
85) sec-Butylbenzene	13.258	105	24992	1.431	ug/l	99
86) p-Isopropyltoluene	13.373	119	19748	1.359	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	9931	1.347	ug/l	96
88) 1,4-Dichlorobenzene	13.367	146	9931	1.350	ug/l	97
89) n-Butylbenzene	13.696	91	18797	1.406	ug/l	99
90) Hexachloroethane	13.965	117	3639	1.292	ug/l	81
91) 1,2-Dichlorobenzene	13.745	146	8639	1.331	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	4957	1.275	ug/l	98
94) Hexachlorobutadiene	15.117	225	2794	1.358	ug/l	98
95) Naphthalene	15.239	128	9430	1.097	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	4212	1.252	ug/l	93

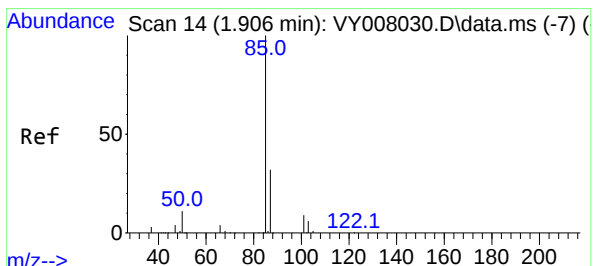
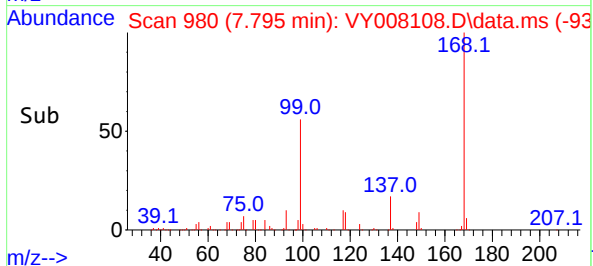
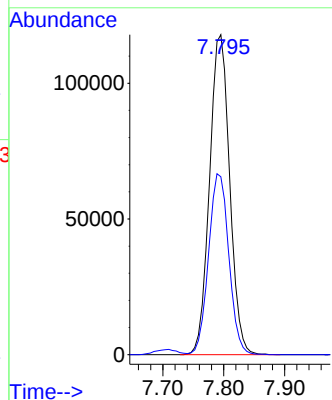
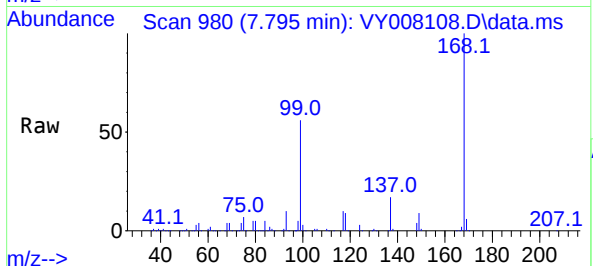
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008108.D
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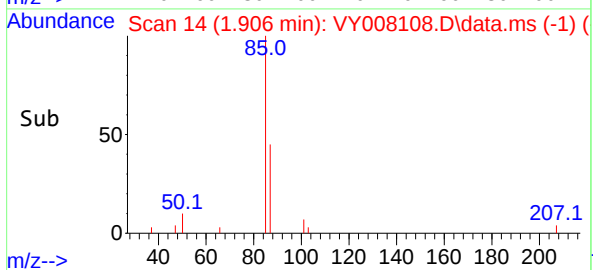
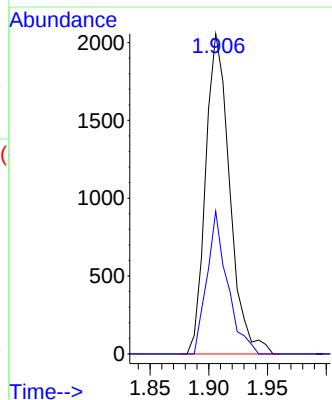
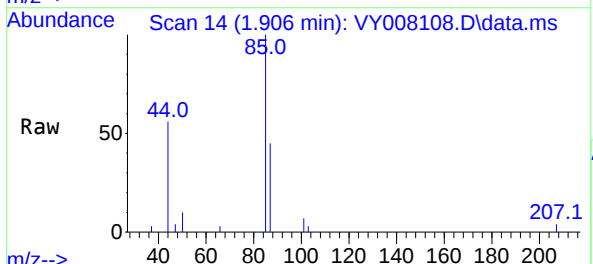
Instrument :
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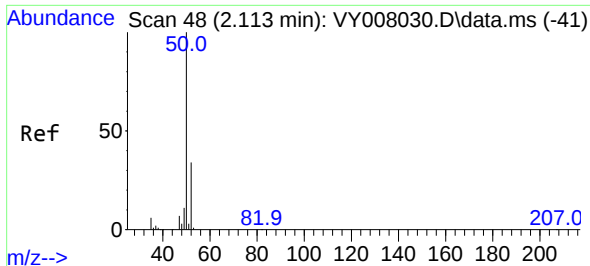
Tgt Ion:168 Resp: 270850
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.200 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 85 Resp: 2931
Ion Ratio Lower Upper
85 100
87 44.6 16.1 48.2

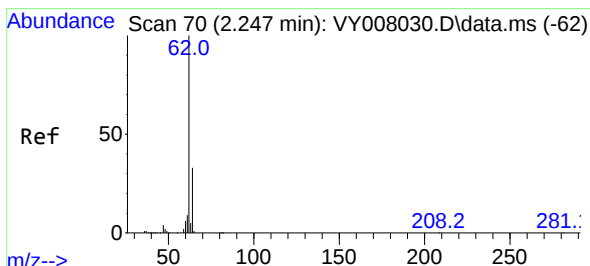
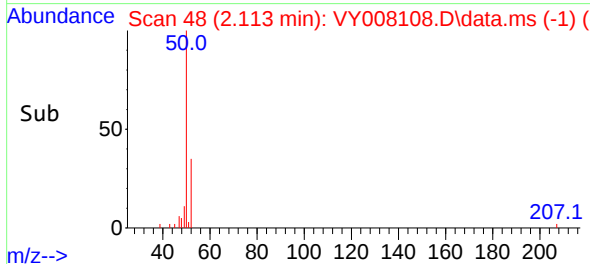
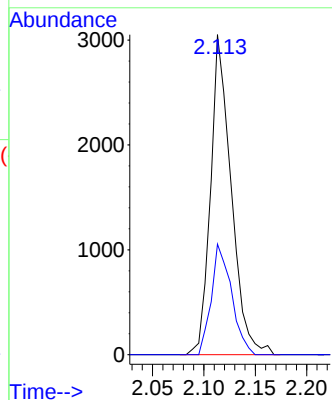
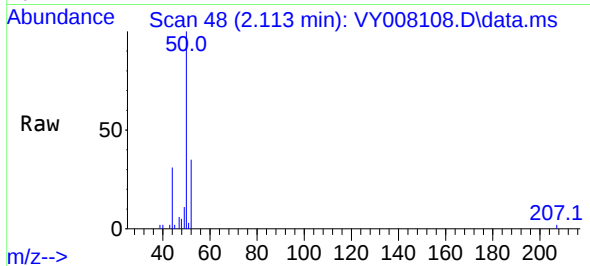




#3
Chloromethane
Concen: 1.431 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

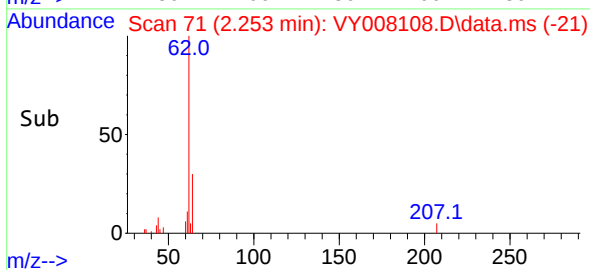
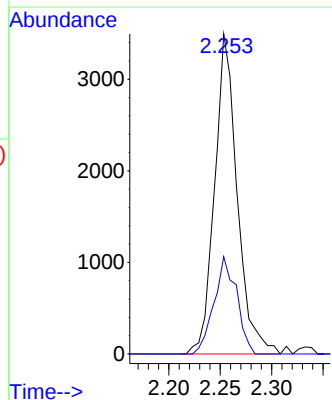
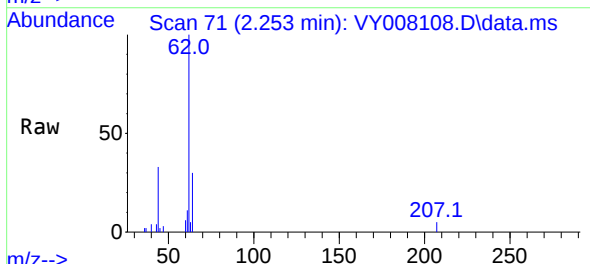
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ClientSampleId :
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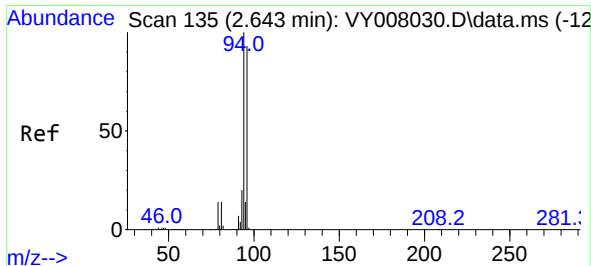
Tgt Ion: 50 Resp: 4256
Ion Ratio Lower Upper
50 100
52 34.5 24.6 37.0



#4
Vinyl Chloride
Concen: 1.350 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 62 Resp: 5342
Ion Ratio Lower Upper
62 100
64 30.4 25.0 37.6

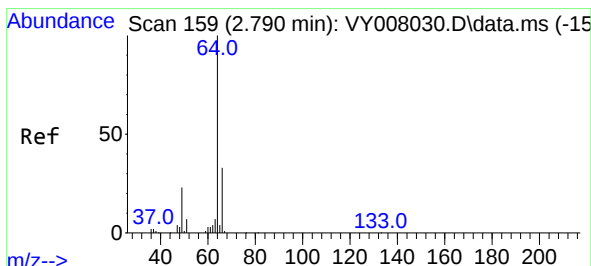
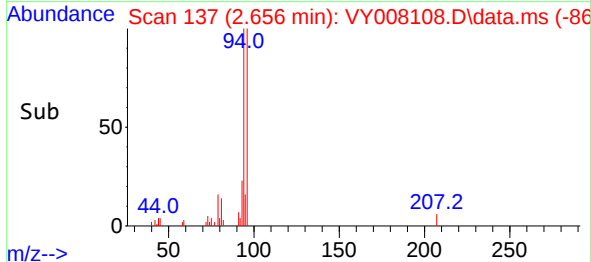
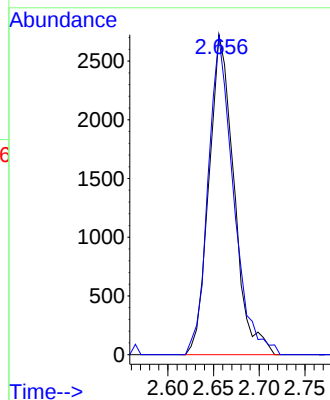
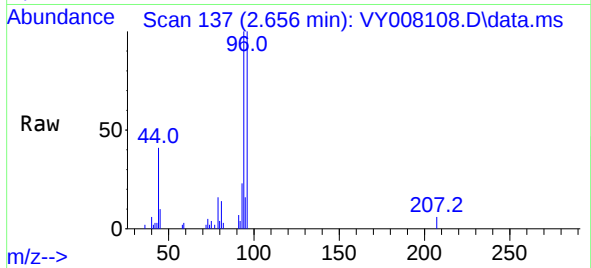




#5
Bromomethane
Concen: 1.596 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

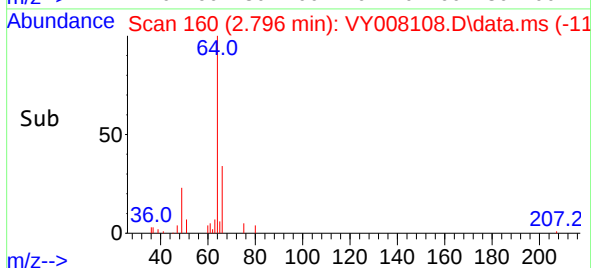
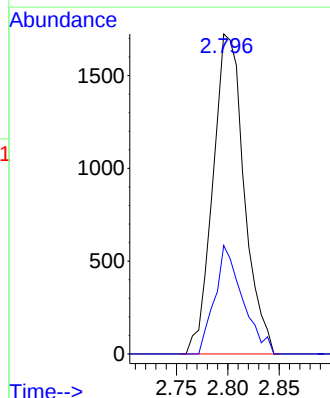
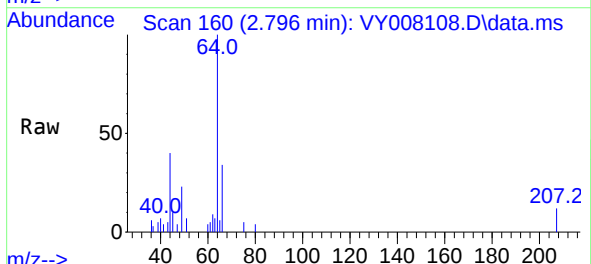
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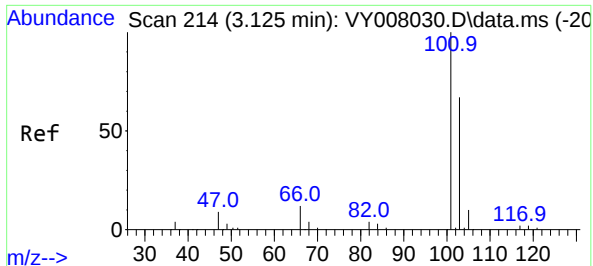
Tgt Ion: 94 Resp: 5175
Ion Ratio Lower Upper
94 100
96 99.5 73.5 110.3



#6
Chloroethane
Concen: 1.399 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 64 Resp: 3640
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.0

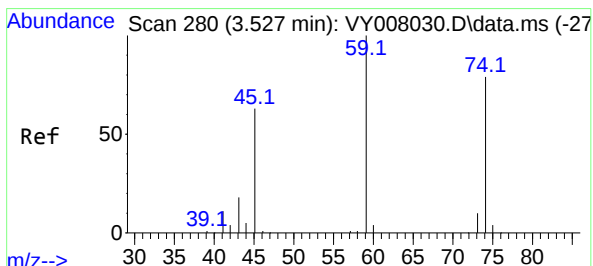
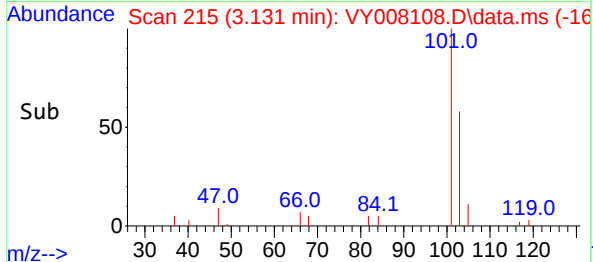
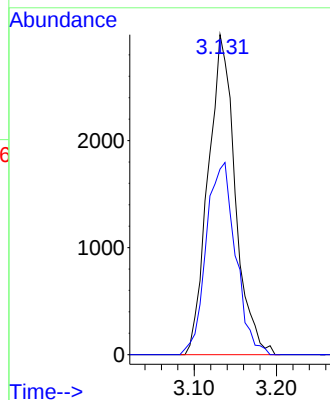
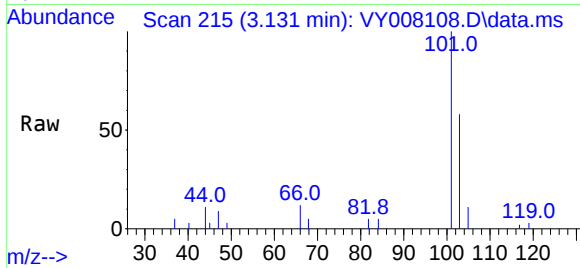




#7
 Trichlorofluoromethane
 Concen: 1.366 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY008108.D
 Acq: 30 Mar 2022 14:08

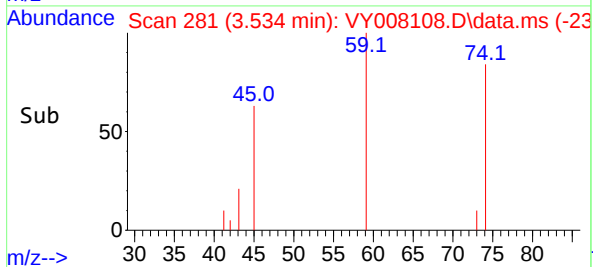
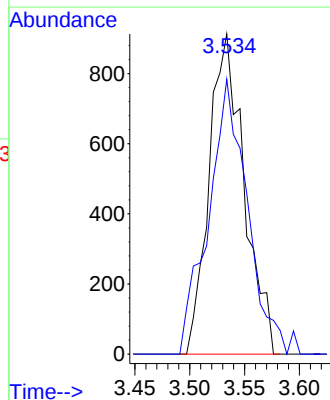
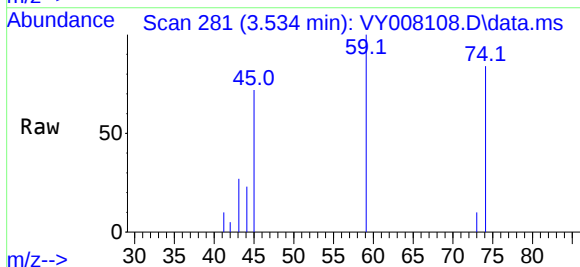
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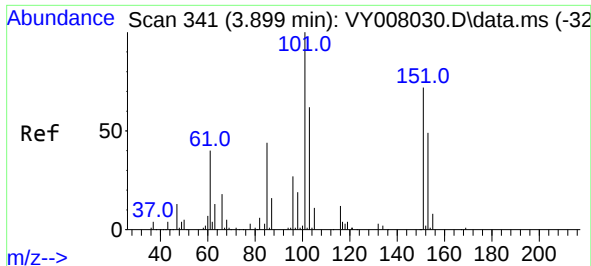
Tgt Ion:101 Resp: 6837
 Ion Ratio Lower Upper
 101 100
 103 58.0 48.0 72.0



#8
 Diethyl Ether
 Concen: 1.251 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.007 min
 Lab File: VY008108.D
 Acq: 30 Mar 2022 14:08

Tgt Ion: 74 Resp: 2028
 Ion Ratio Lower Upper
 74 100
 45 95.8 55.1 165.5

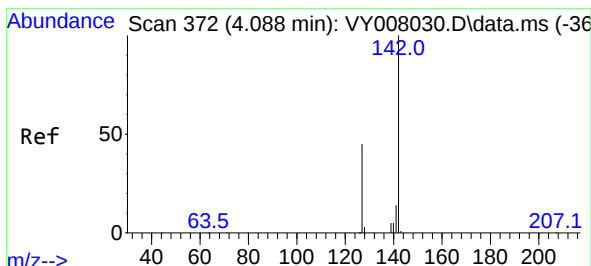
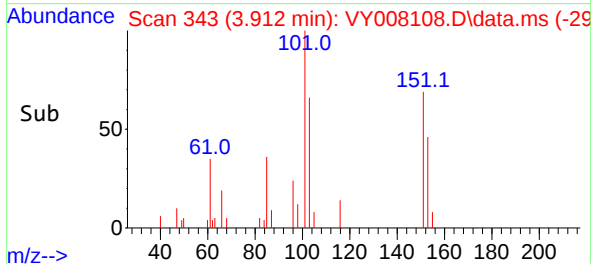
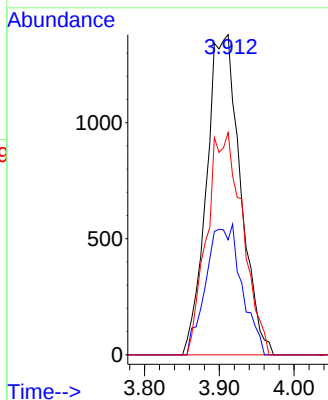
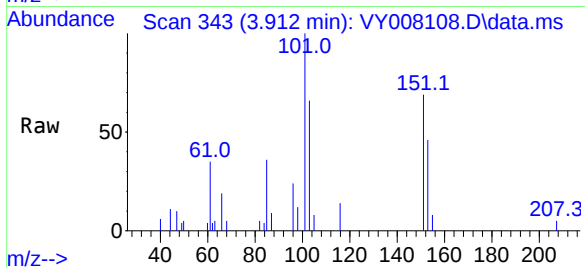




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.399 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

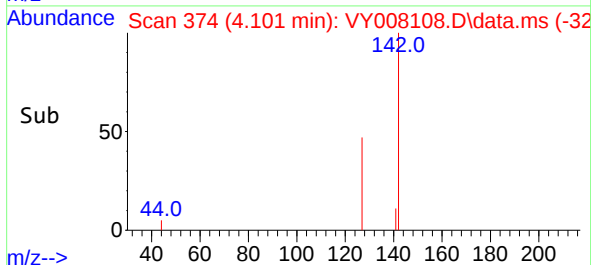
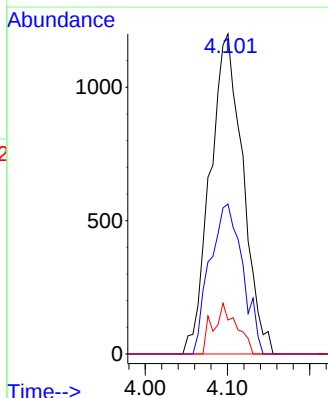
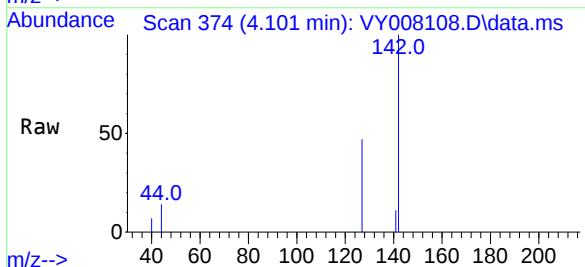
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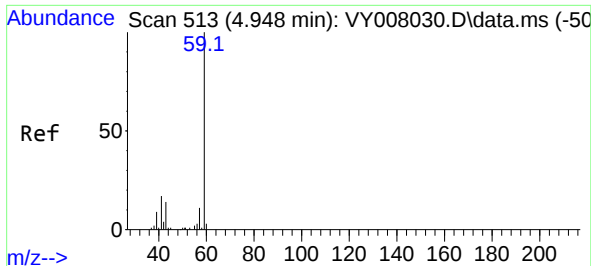
Tgt Ion:101 Resp: 4344
Ion Ratio Lower Upper
101 100
85 42.5 40.6 60.8
151 73.3 64.9 97.3



#10
Methyl Iodide
Concen: 2.581 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion:142 Resp: 3318
Ion Ratio Lower Upper
142 100
127 46.9 41.5 62.3
141 11.2 11.9 17.9#

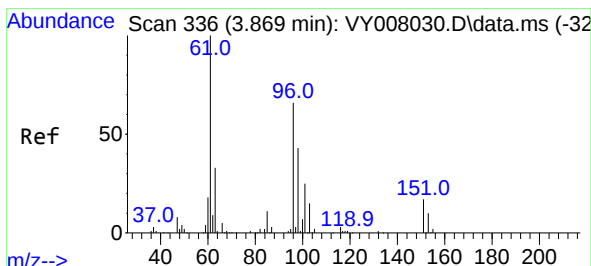
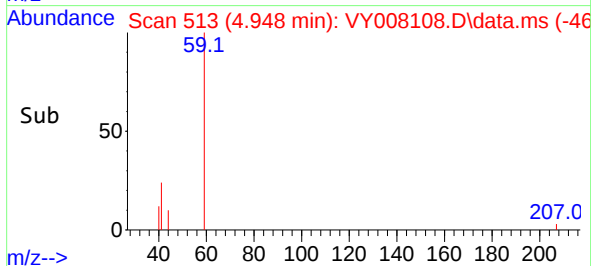
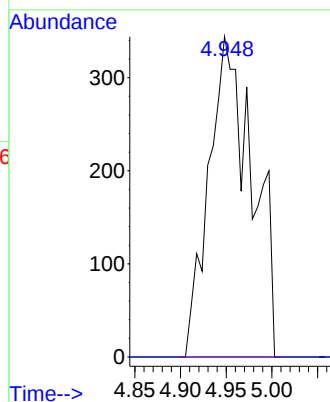
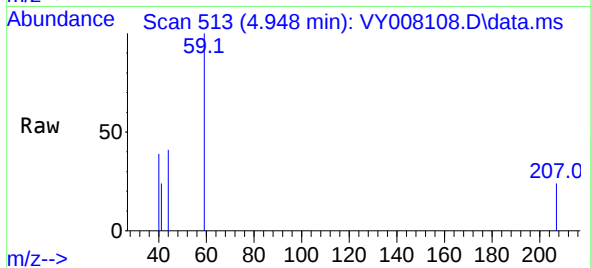




#11
Tert butyl alcohol
Concen: 4.015 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

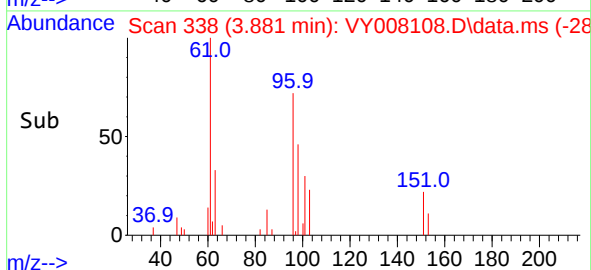
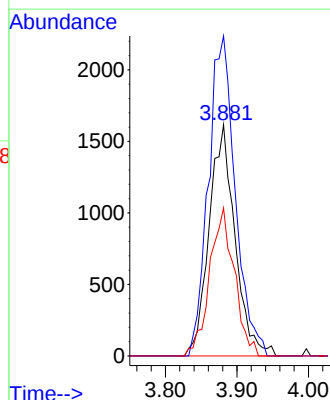
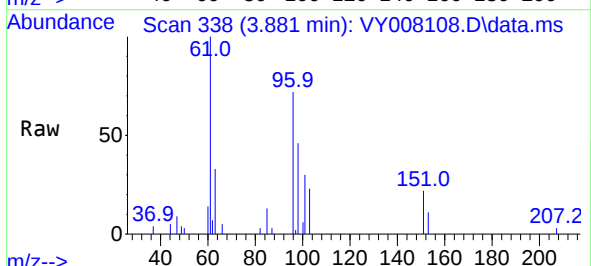
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

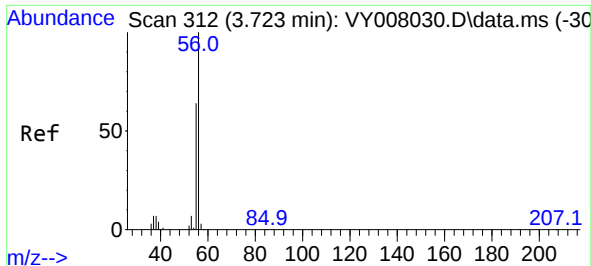
Tgt Ion: 59 Resp: 1132
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 1.418 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 96 Resp: 4076
Ion Ratio Lower Upper
96 100
61 138.4 145.8 218.6#
98 64.0 52.5 78.7

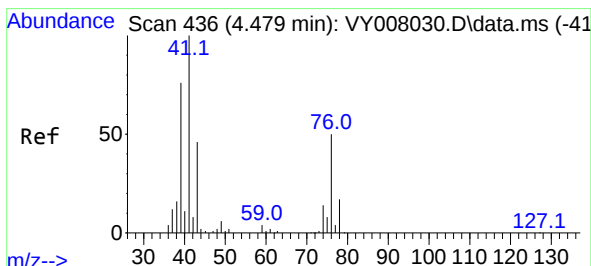
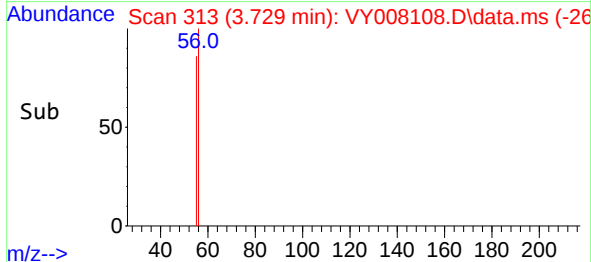
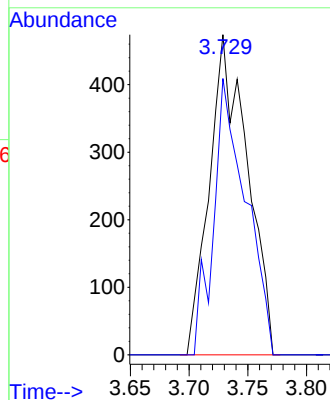
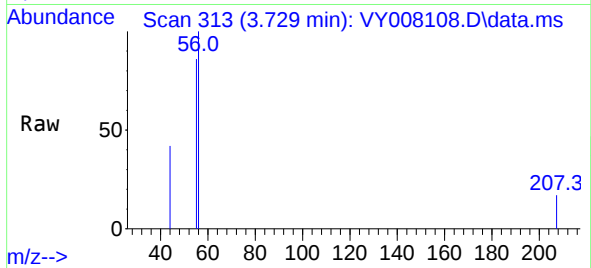




#13
Acrolein
Concen: 4.645 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

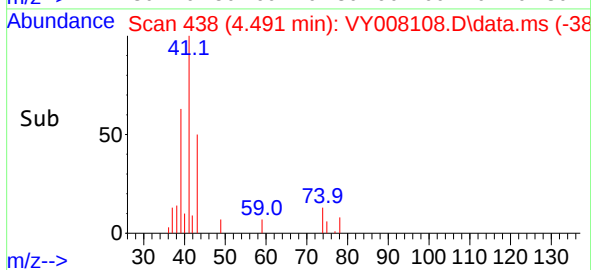
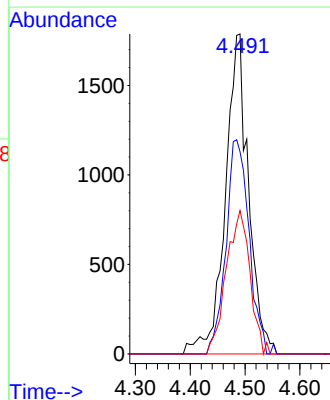
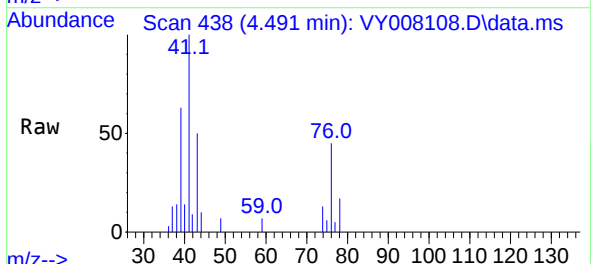
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

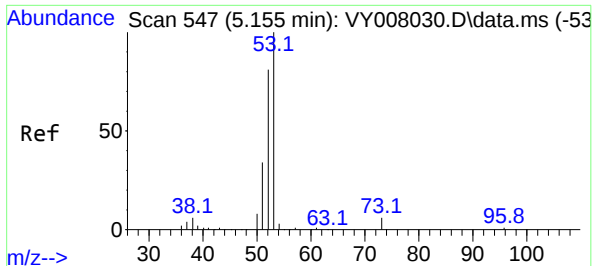
Tgt Ion: 56 Resp: 1066
Ion Ratio Lower Upper
56 100
55 73.7 57.6 86.4



#14
Allyl chloride
Concen: 1.390 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 41 Resp: 5255
Ion Ratio Lower Upper
41 100
39 66.1 58.8 88.2
76 45.7 25.1 37.7#

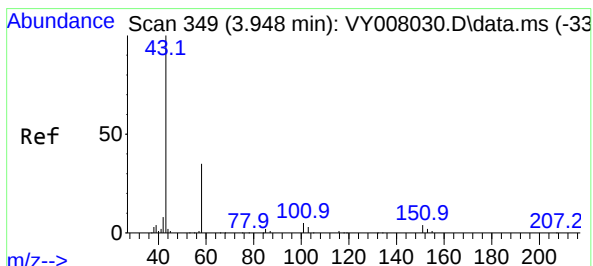
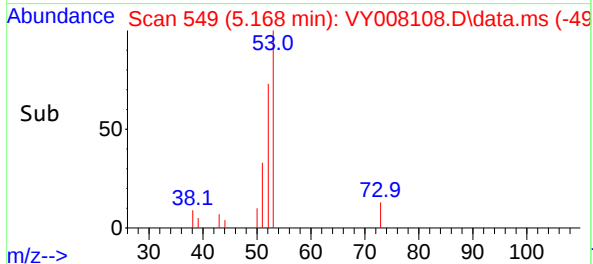
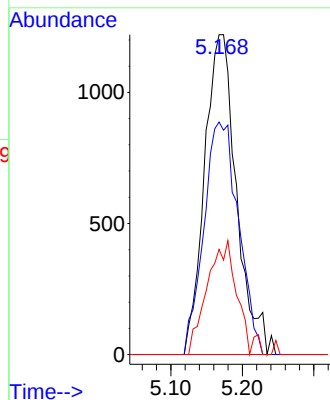
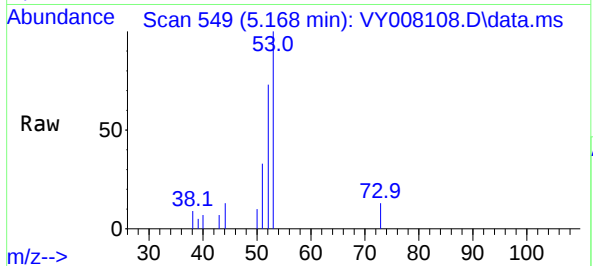




#15
Acrylonitrile
Concen: 4.915 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.013 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

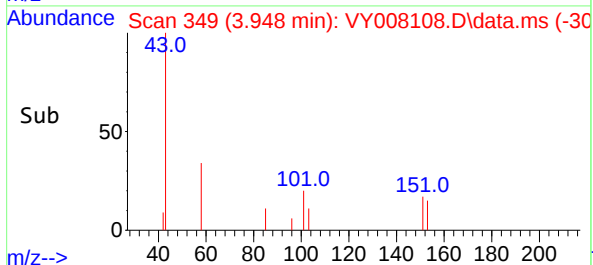
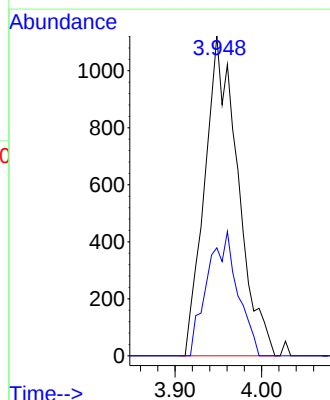
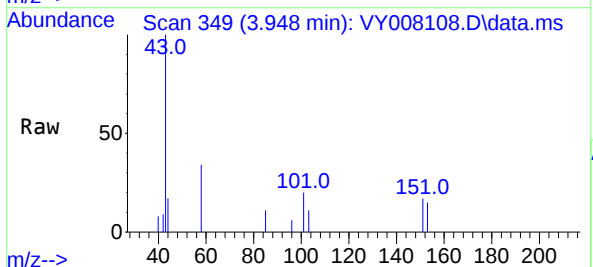
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

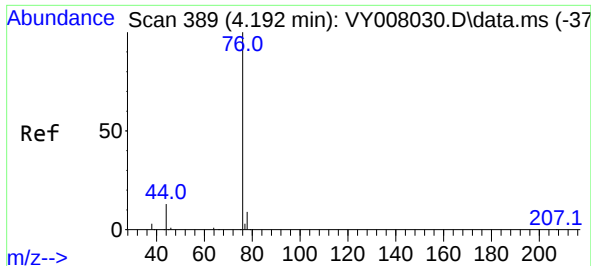
Tgt Ion: 53	Resp:	3794	
Ion	Ratio	Lower	Upper
53	100		
52	78.7	67.0	100.4
51	33.6	29.8	44.6



#16
Acetone
Concen: 4.806 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 43	Resp:	2985	
Ion	Ratio	Lower	Upper
43	100		
58	33.8	22.0	33.0#

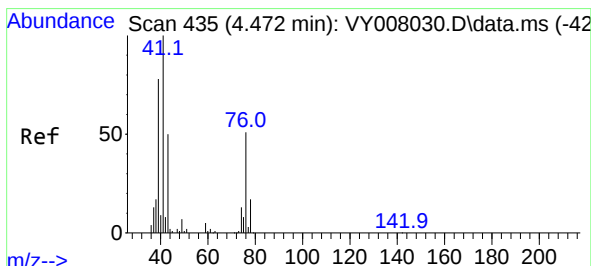
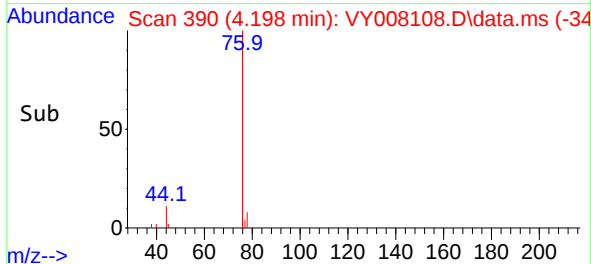
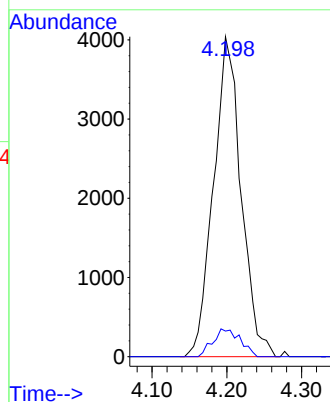
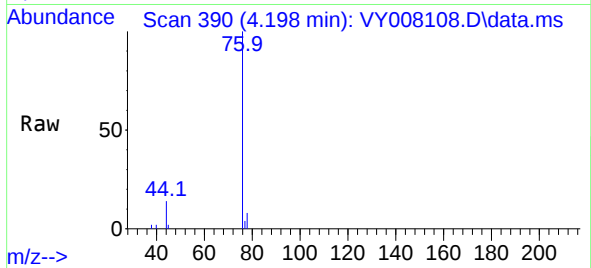




#17
Carbon Disulfide
Concen: 1.275 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

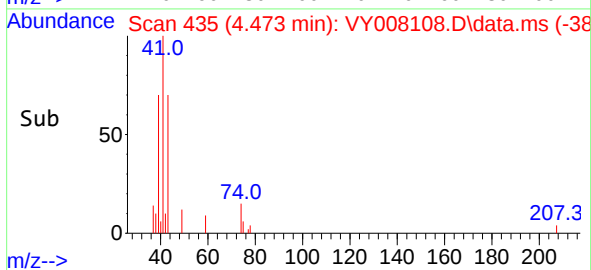
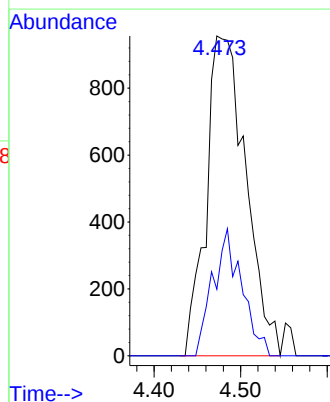
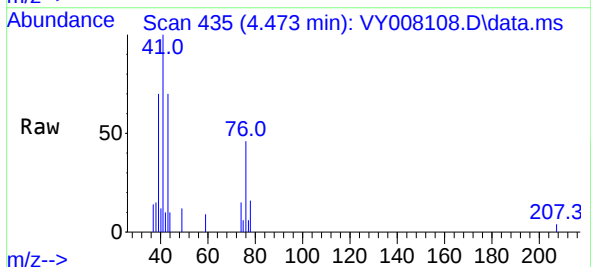
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

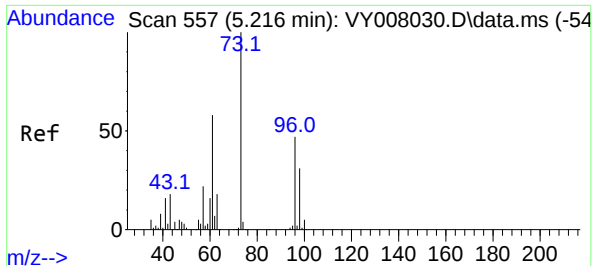
Tgt Ion: 76 Resp: 10378
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 43 Resp: 3029
Ion Ratio Lower Upper
43 100
74 29.0 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 1.235 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY008108.D

Acq: 30 Mar 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

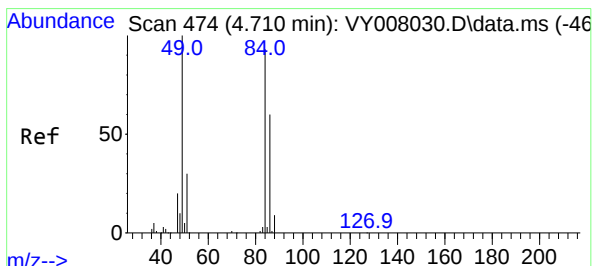
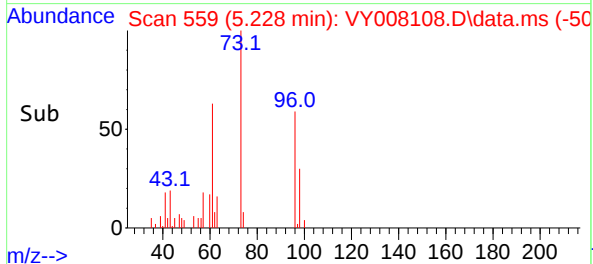
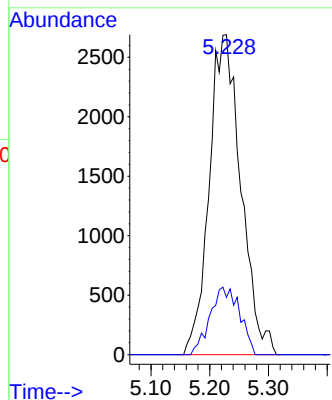
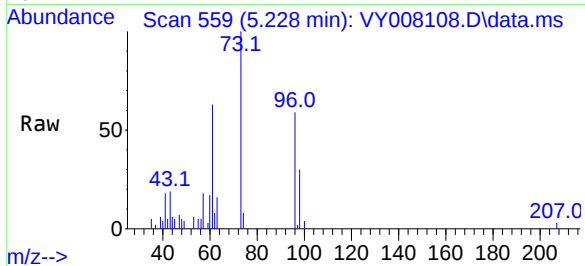
MDL-SOIL-03-QT1-2022

Tgt Ion: 73 Resp: 10083

Ion Ratio Lower Upper

73 100

57 17.9 18.6 27.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY008108.D

Acq: 30 Mar 2022 14:08

Tgt Ion: 84 Resp: 8569

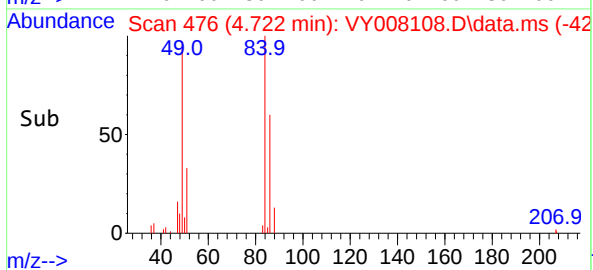
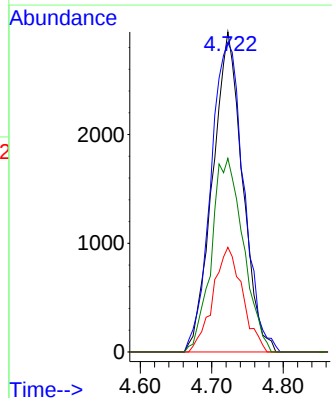
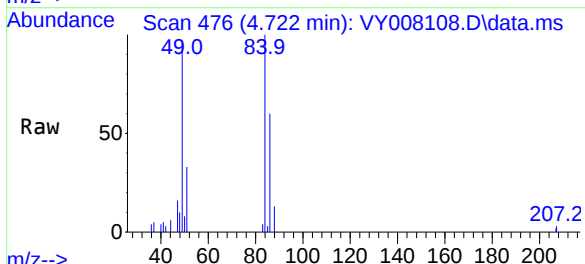
Ion Ratio Lower Upper

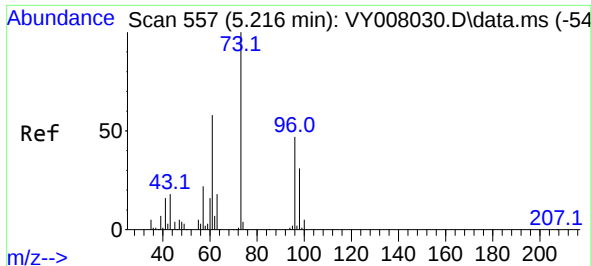
84 100

49 96.6 114.4 171.6#

51 32.7 35.3 52.9#

86 60.5 53.7 80.5

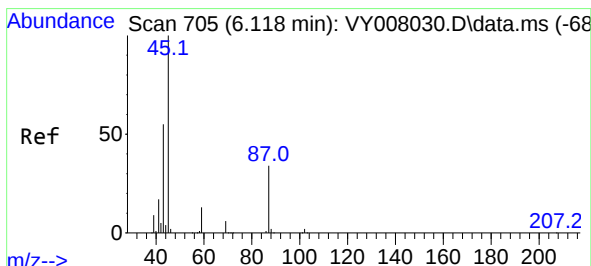
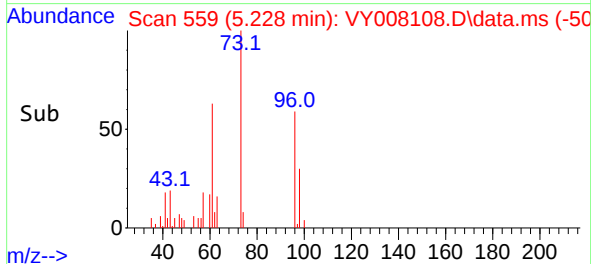
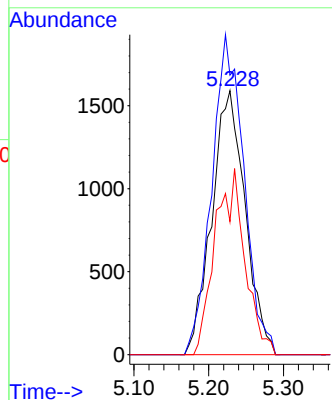
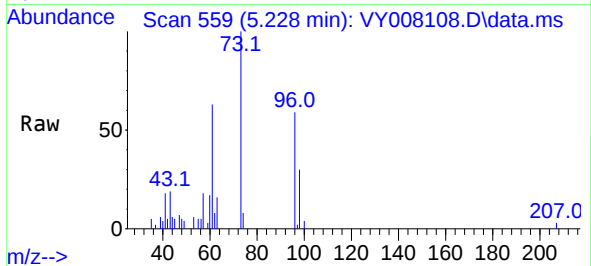




#21
trans-1,2-Dichloroethene
Concen: 1.488 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

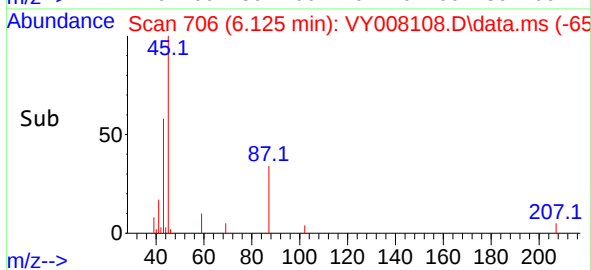
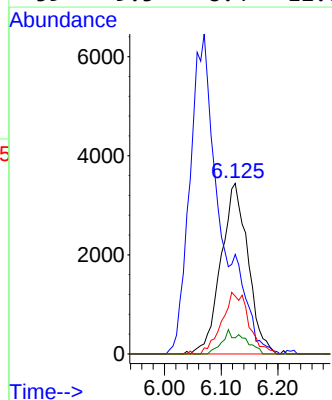
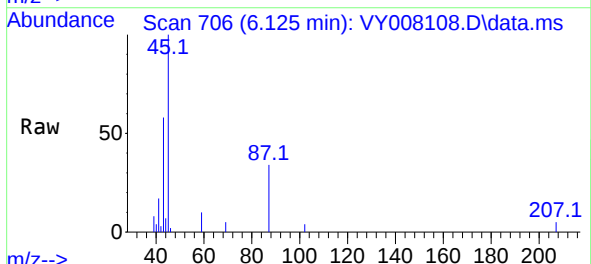
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

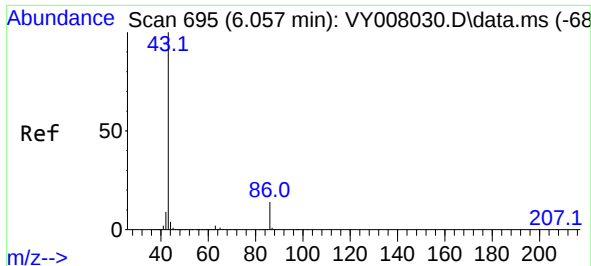
Tgt Ion: 96 Resp: 4952
Ion Ratio Lower Upper
96 100
61 105.8 120.5 180.7#
98 50.4 49.8 74.8



#22
Diisopropyl ether
Concen: 1.401 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 45 Resp: 11400
Ion Ratio Lower Upper
45 100
43 58.3 49.3 73.9
87 33.8 19.2 28.8#
59 9.5 8.4 12.6

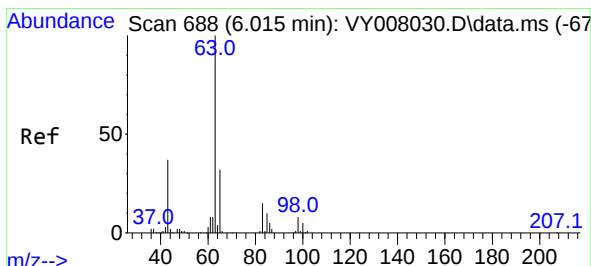
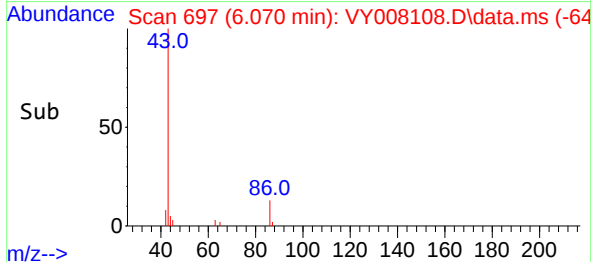
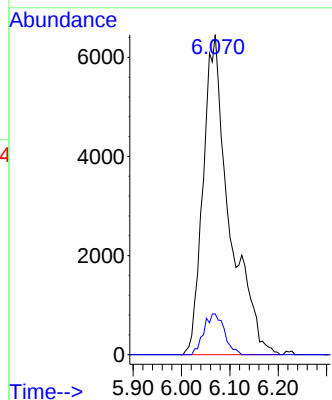
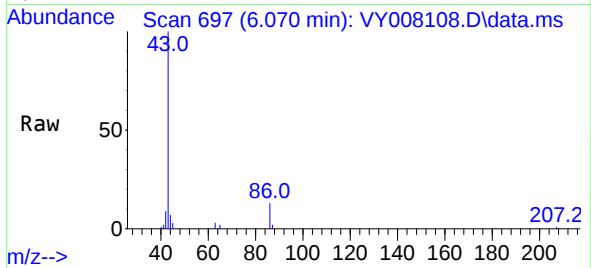




#23
 Vinyl Acetate
 Concen: 4.837 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.013 min
 Lab File: VY008108.D
 Acq: 30 Mar 2022 14:08

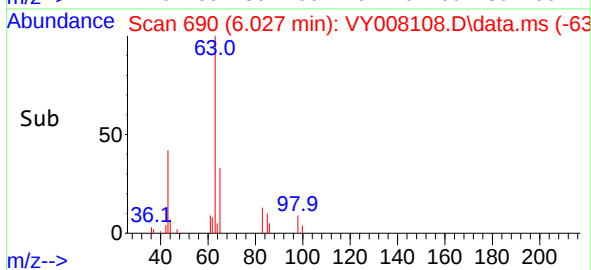
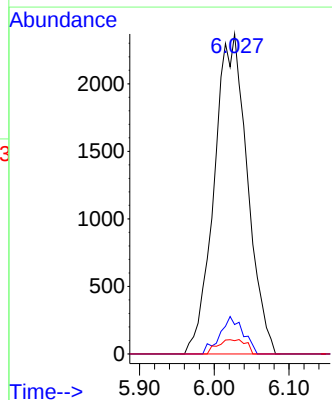
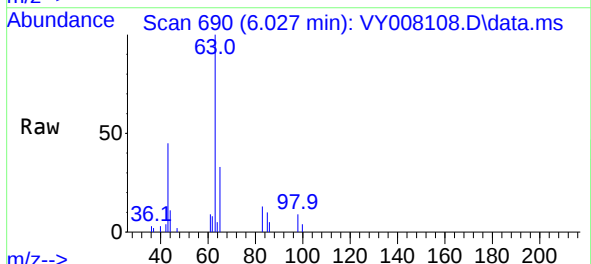
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

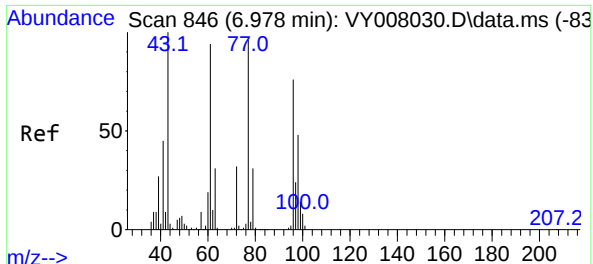
Tgt Ion: 43 Resp: 24381
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 1.356 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY008108.D
 Acq: 30 Mar 2022 14:08

Tgt Ion: 63 Resp: 7305
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.6 10.8
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 4.897 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY008108.D

Acq: 30 Mar 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

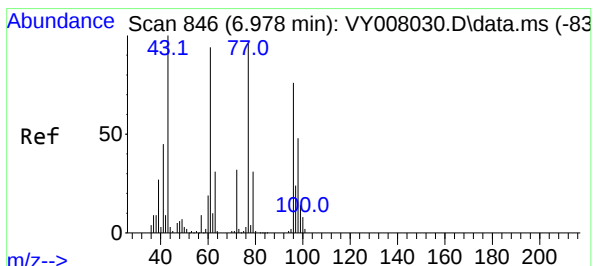
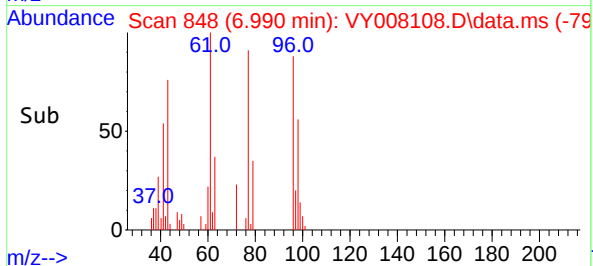
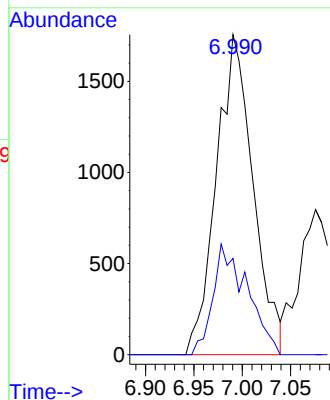
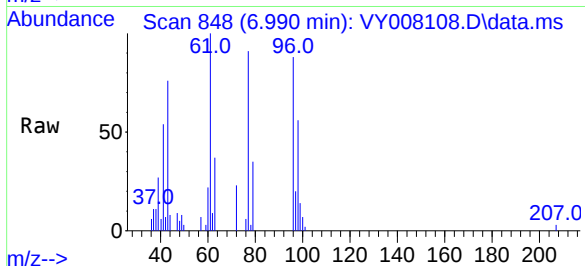
MDL-SOIL-03-QT1-2022

Tgt Ion: 43 Resp: 4629

Ion Ratio Lower Upper

43 100

72 30.1 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.400 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008108.D

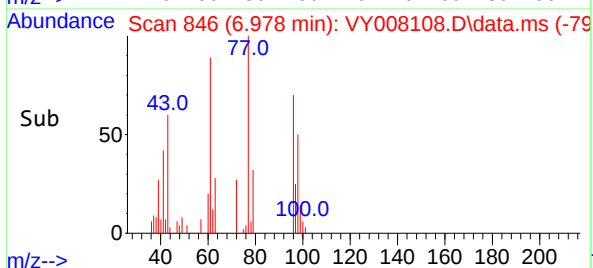
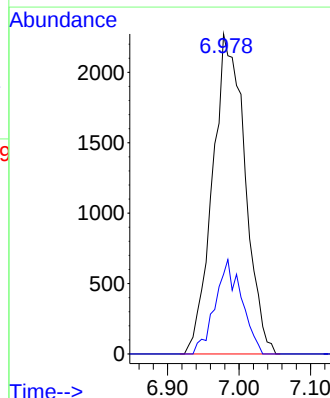
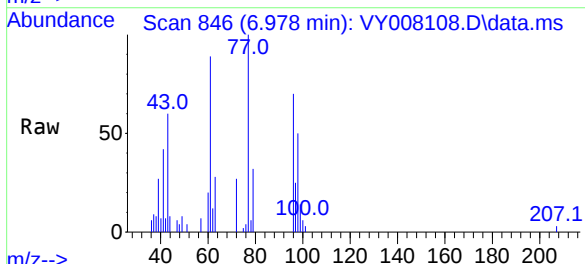
Acq: 30 Mar 2022 14:08

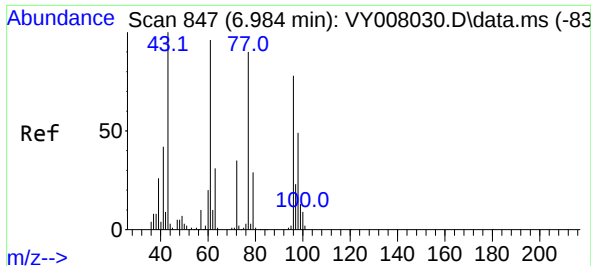
Tgt Ion: 77 Resp: 7141

Ion Ratio Lower Upper

77 100

97 24.2 10.4 31.4

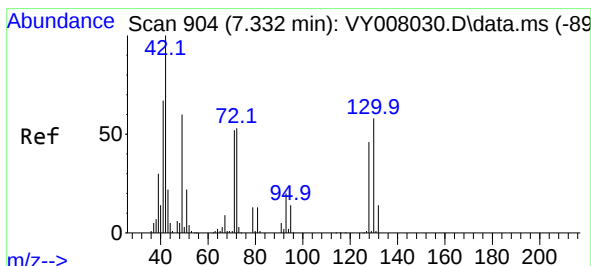
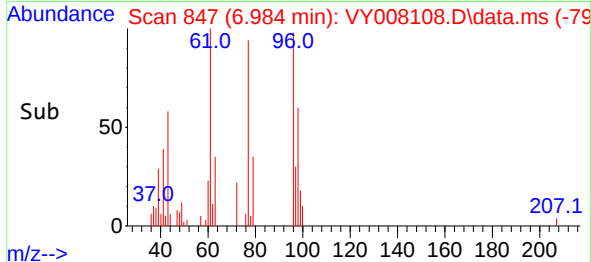
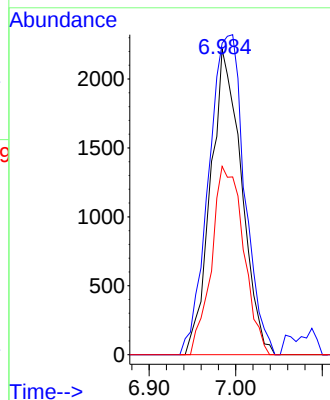
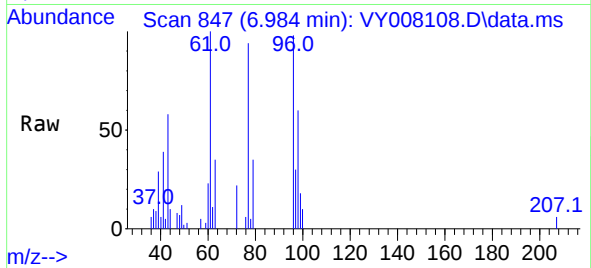




#27
cis-1,2-Dichloroethene
Concen: 1.423 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

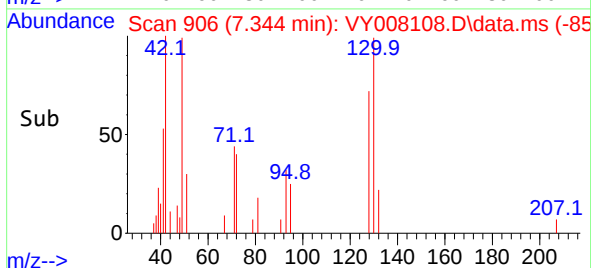
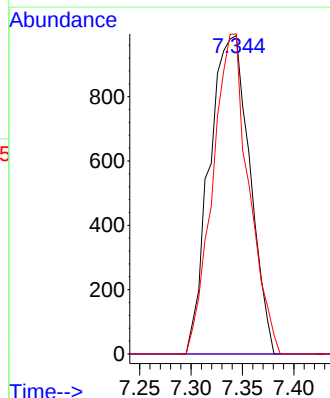
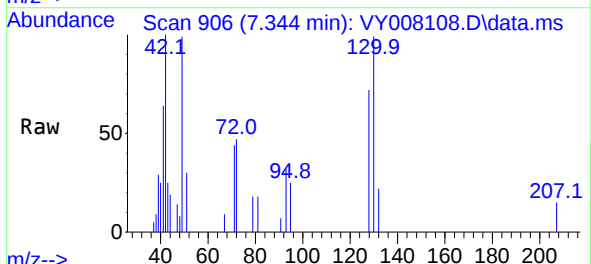
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

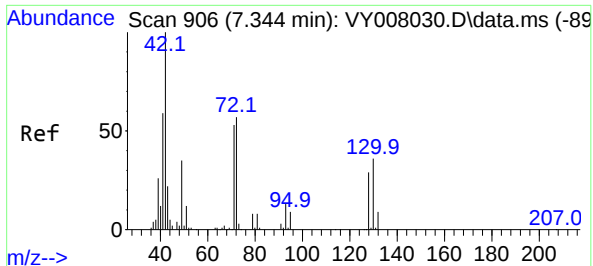
Tgt Ion: 96 Resp: 5489
Ion Ratio Lower Upper
96 100
61 121.9 0.0 319.8
98 63.7 0.0 127.0



#28
Bromochloromethane
Concen: Below Cal
RT: 7.344 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 49 Resp: 2690
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 90.4 55.4 83.0#





#29

Tetrahydrofuran

Concen: 4.844 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008108.D

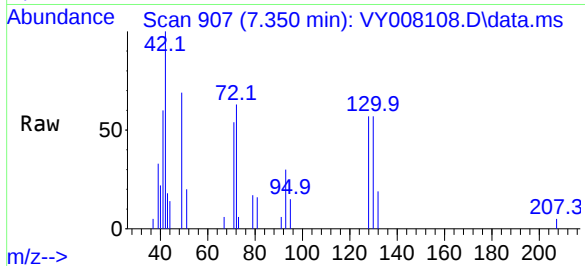
Acq: 30 Mar 2022 14:08

Instrument :

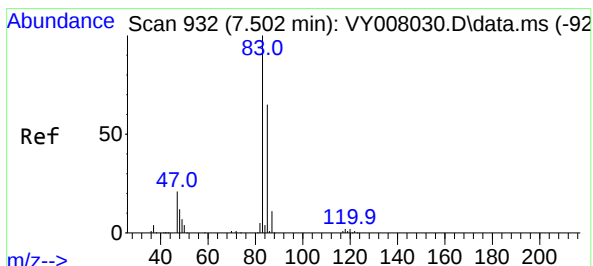
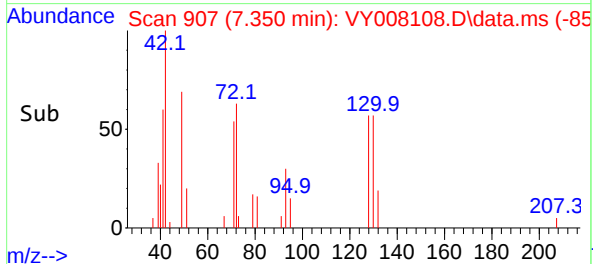
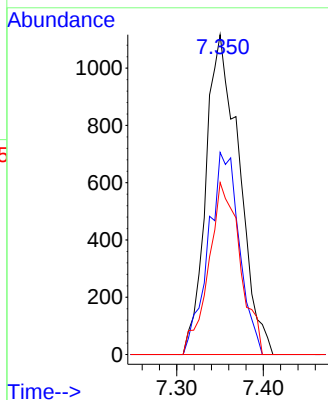
MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022



Tgt Ion:	42	Resp:	2977
Ion	Ratio	Lower	Upper
42	100		
72	59.0	30.3	45.5#
71	50.9	29.0	43.4#



#30

Chloroform

Concen: 1.478 ug/l

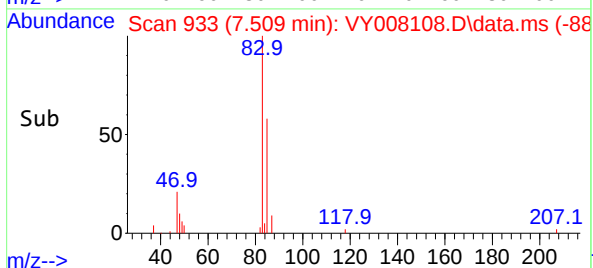
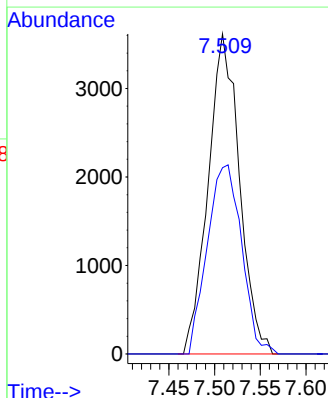
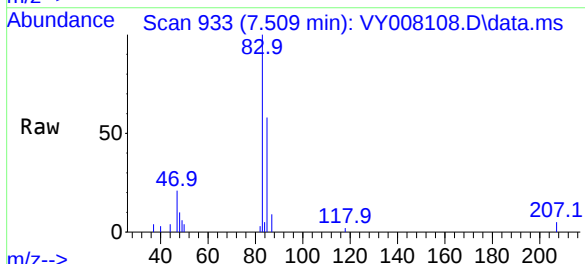
RT: 7.509 min Scan# 933

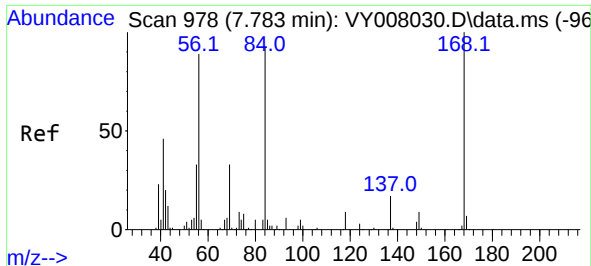
Delta R.T. 0.007 min

Lab File: VY008108.D

Acq: 30 Mar 2022 14:08

Tgt Ion:	83	Resp:	8616
Ion	Ratio	Lower	Upper
83	100		
85	58.2	51.8	77.6

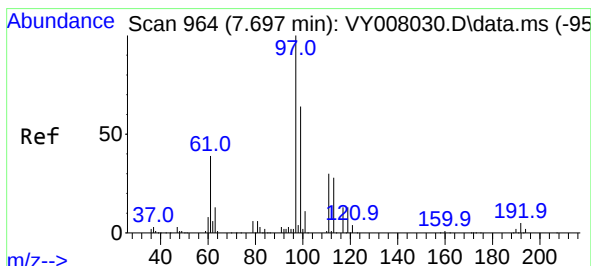
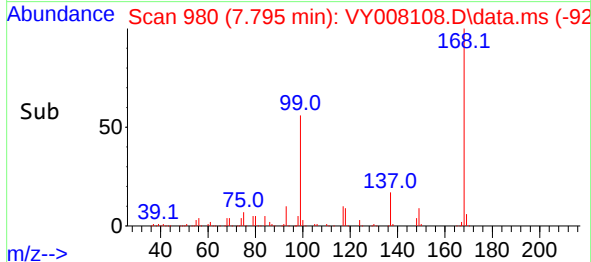
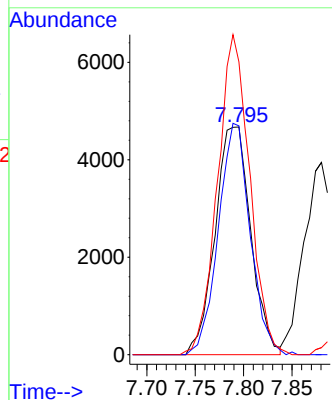
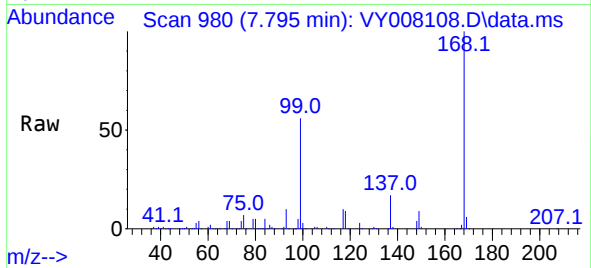




#31
Cyclohexane
Concen: 2.362 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

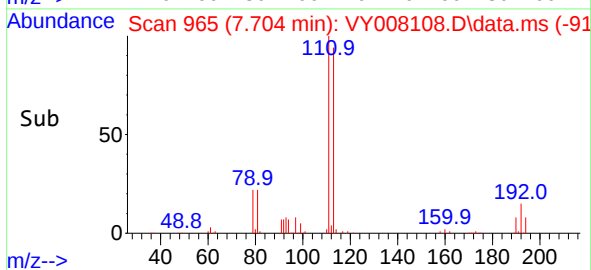
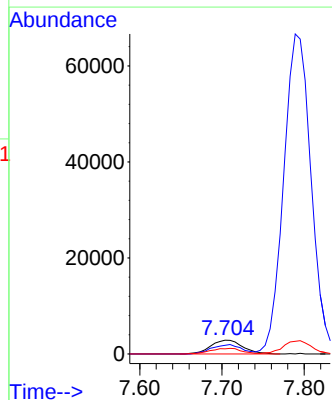
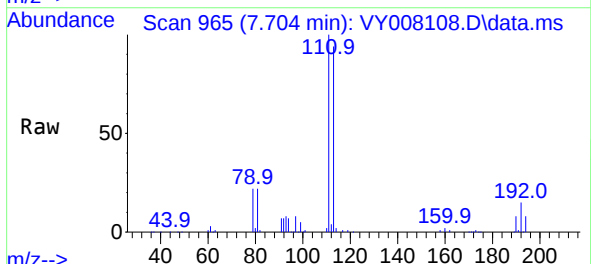
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

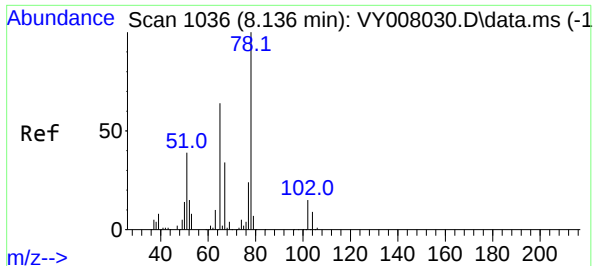
Tgt Ion: 56 Resp: 11997
Ion Ratio Lower Upper
56 100
69 100.5 26.7 40.1#
84 128.7 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 1.436 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 97 Resp: 7737
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 40.2 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 49.017 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008108.D

Acq: 30 Mar 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

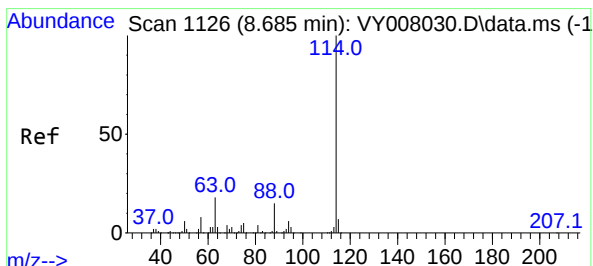
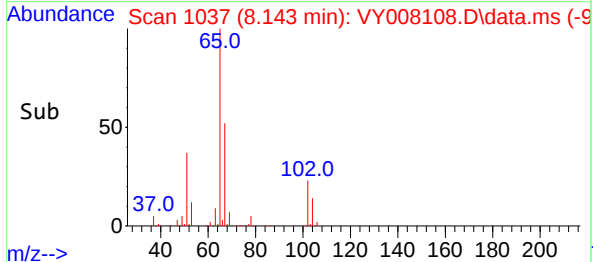
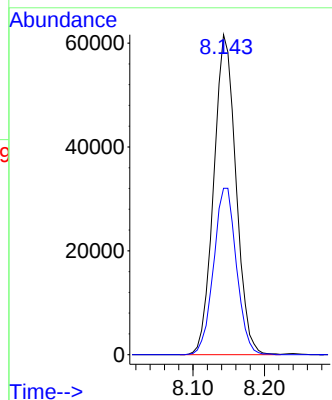
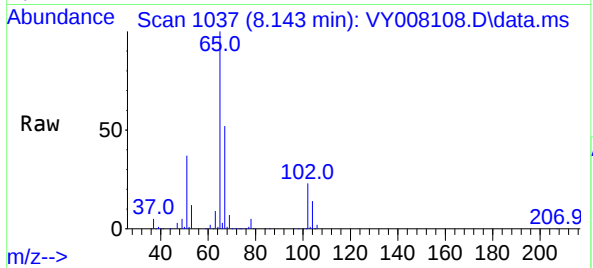
MDL-SOIL-03-QT1-2022

Tgt Ion: 65 Resp: 133200

Ion Ratio Lower Upper

65 100

67 53.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008108.D

Acq: 30 Mar 2022 14:08

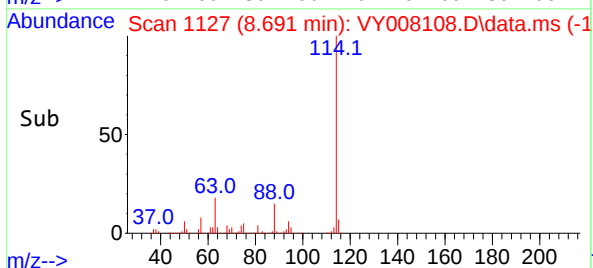
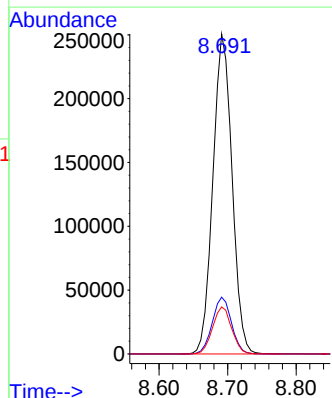
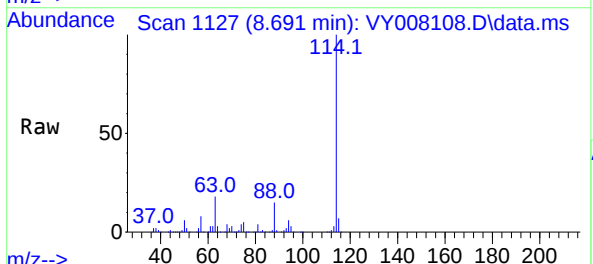
Tgt Ion: 114 Resp: 485777

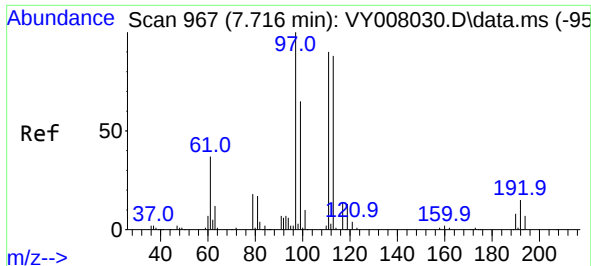
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.7 0.0 31.8

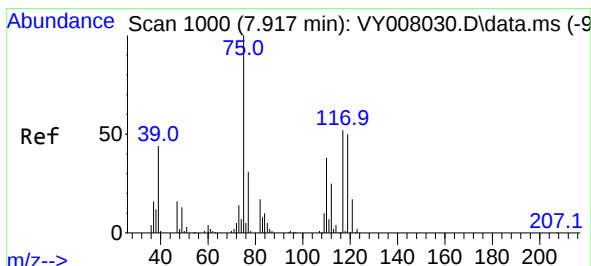
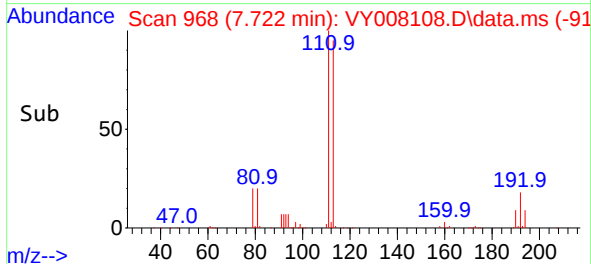
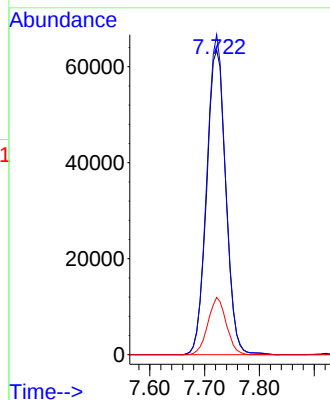
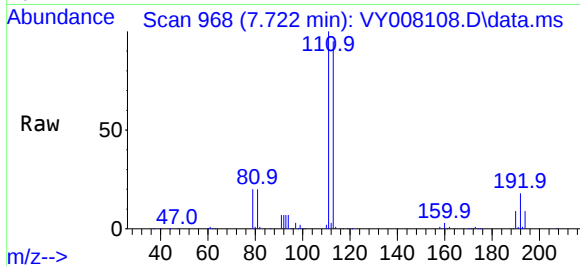




#35
Dibromofluoromethane
Concen: 50.633 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

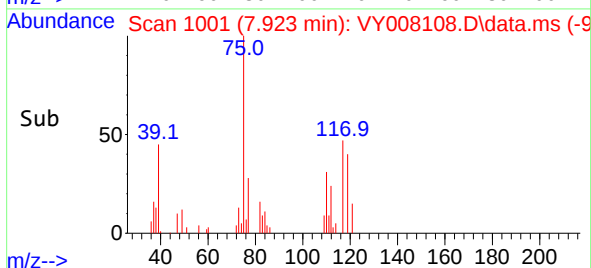
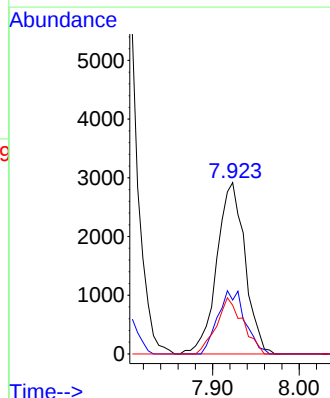
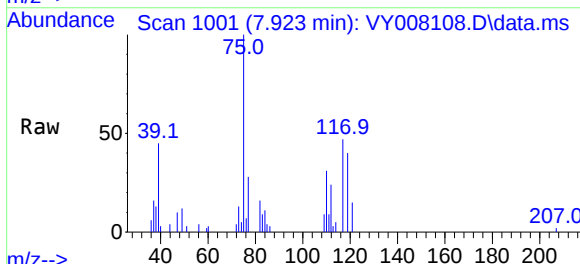
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

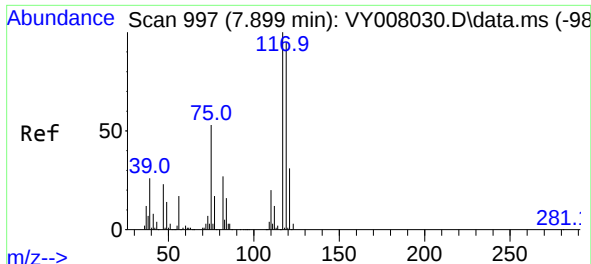
Tgt Ion:113 Resp: 154213
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 17.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 1.378 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 75 Resp: 6595
Ion Ratio Lower Upper
75 100
110 35.8 17.1 51.2
77 30.6 24.4 36.6

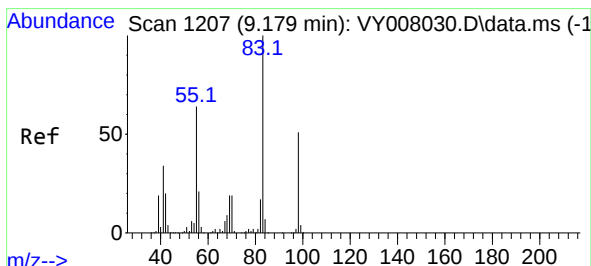
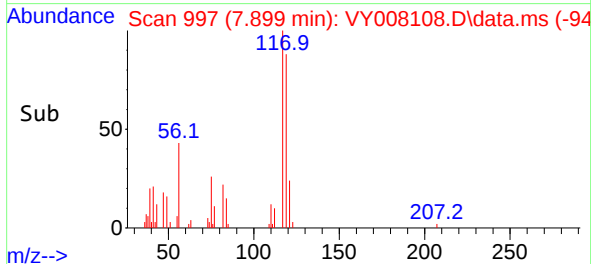
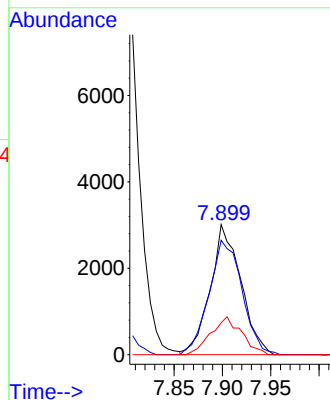
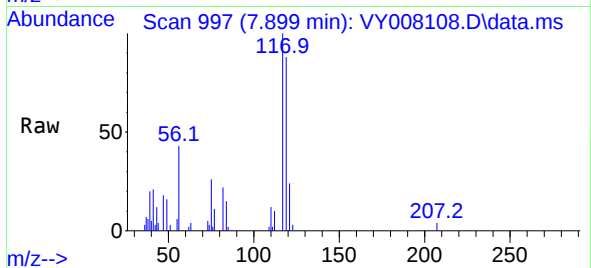




#38
Carbon Tetrachloride
Concen: 1.271 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

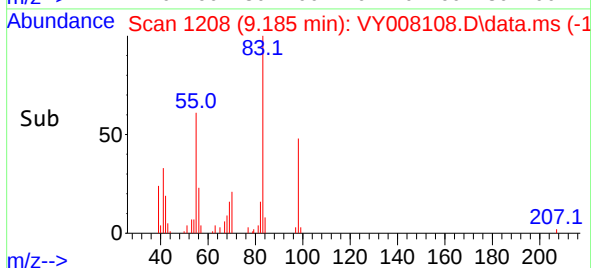
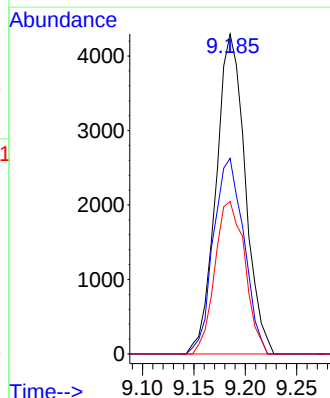
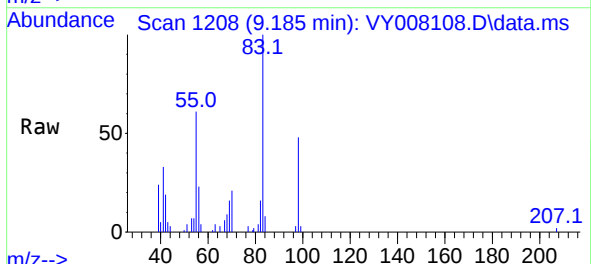
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

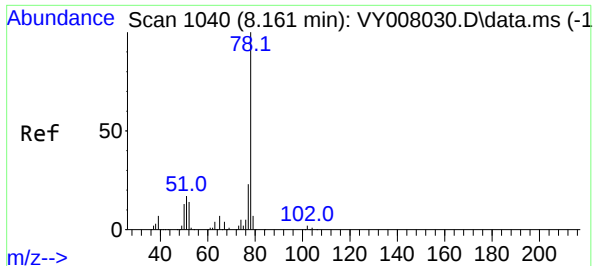
Tgt Ion:117 Resp: 6629
Ion Ratio Lower Upper
117 100
119 87.9 77.9 116.9
121 24.4 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.311 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 83 Resp: 8465
Ion Ratio Lower Upper
83 100
55 61.1 66.5 99.7#
98 47.7 37.9 56.9

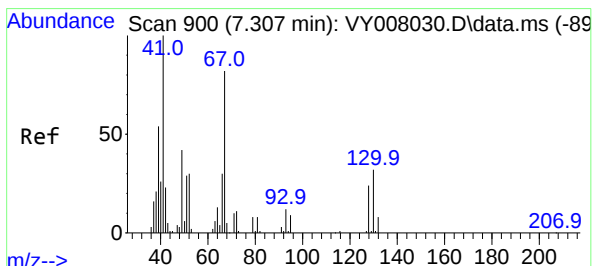
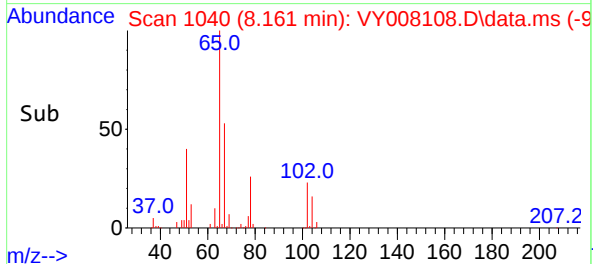
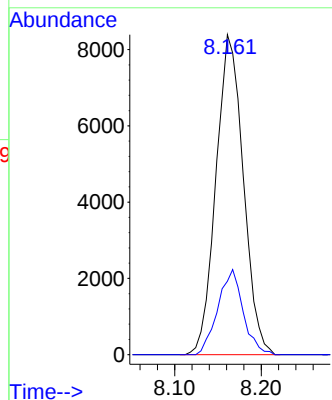
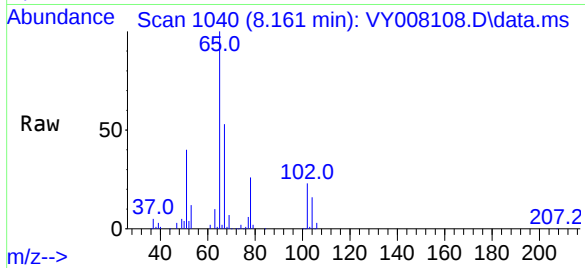




#40
Benzene
Concen: 1.343 ug/l
RT: 8.161 min Scan# 110
Delta R.T. -0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

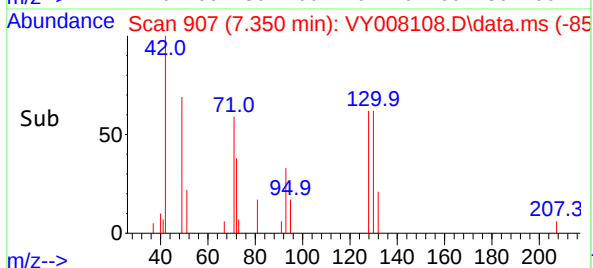
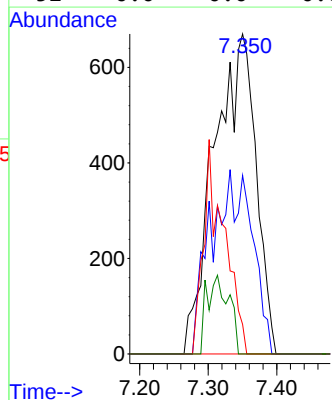
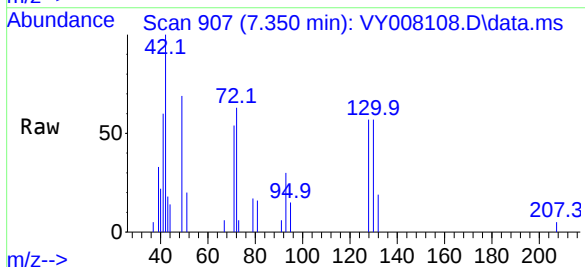
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

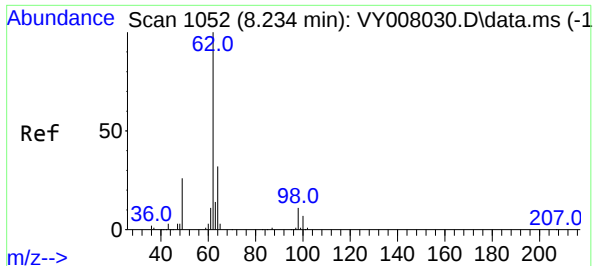
Tgt Ion: 78 Resp: 18379
Ion Ratio Lower Upper
78 100
77 22.9 20.4 30.6



#41
Methacrylonitrile
Concen: 2.527 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 41 Resp: 2836
Ion Ratio Lower Upper
41 100
39 3.2 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 1.251 ug/l

RT: 8.240 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY008108.D

Acq: 30 Mar 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

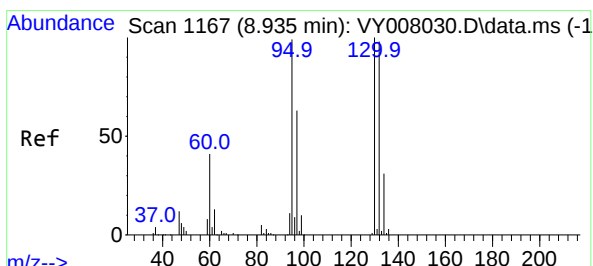
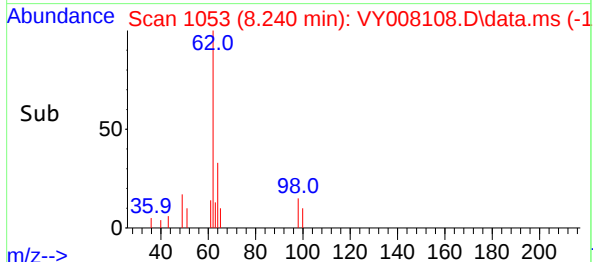
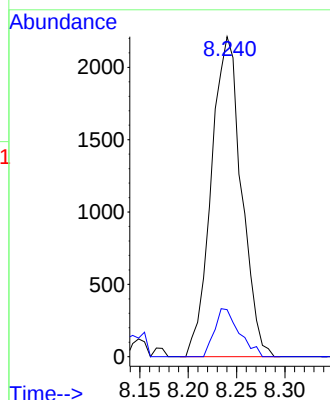
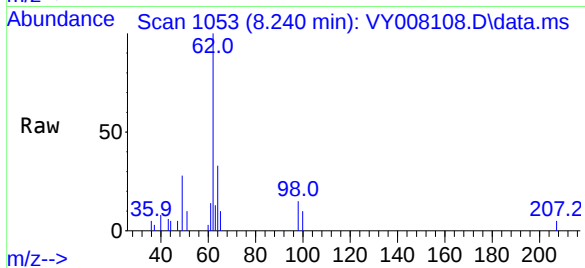
MDL-SOIL-03-QT1-2022

Tgt Ion: 62 Resp: 4801

Ion Ratio Lower Upper

62 100

98 12.2 0.0 14.8



#44

Trichloroethene

Concen: 1.308 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.012 min

Lab File: VY008108.D

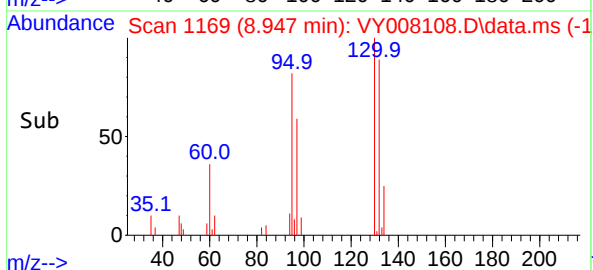
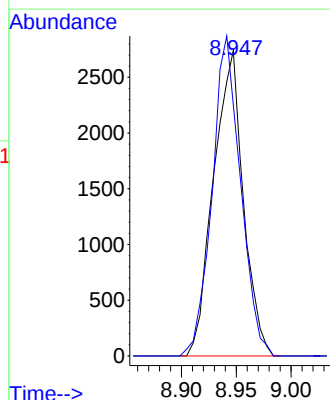
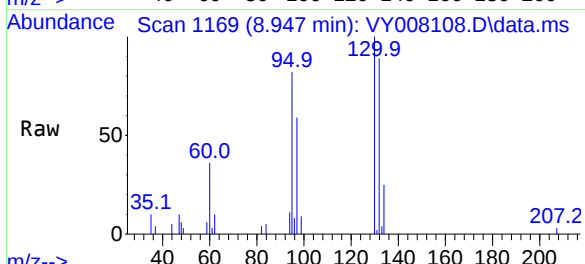
Acq: 30 Mar 2022 14:08

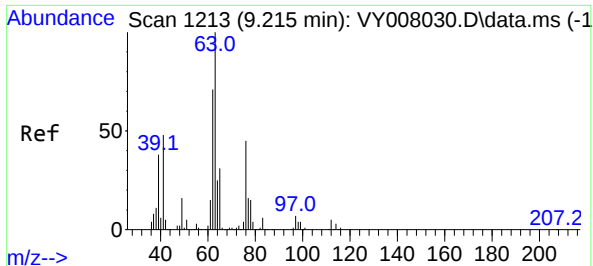
Tgt Ion:130 Resp: 5176

Ion Ratio Lower Upper

130 100

95 82.3 0.0 188.2





#45

1,2-Dichloropropane

Concen: 1.304 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008108.D

Acq: 30 Mar 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

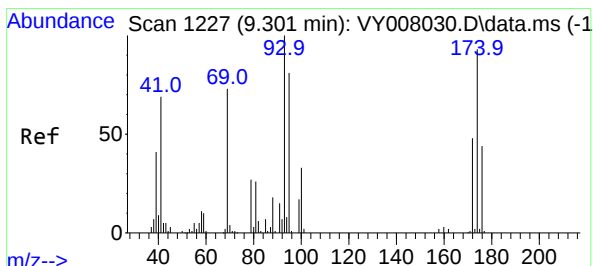
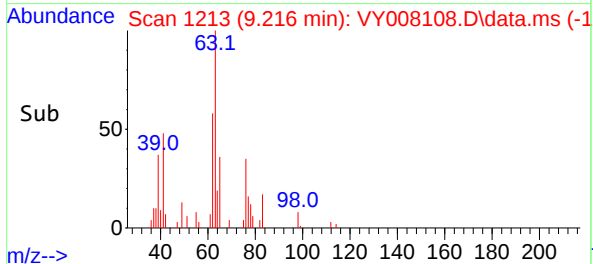
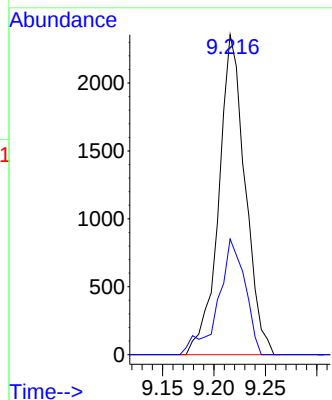
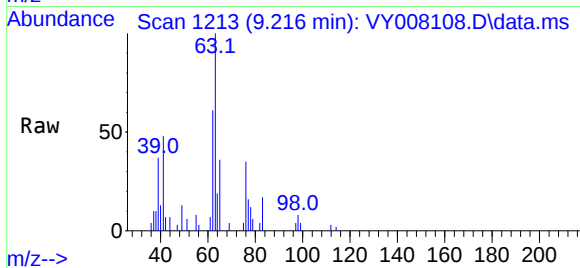
MDL-SOIL-03-QT1-2022

Tgt Ion: 63 Resp: 4207

Ion Ratio Lower Upper

63 100

65 36.2 23.0 34.6#



#46

Dibromomethane

Concen: 1.217 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY008108.D

Acq: 30 Mar 2022 14:08

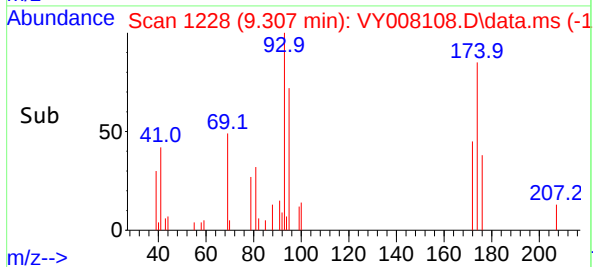
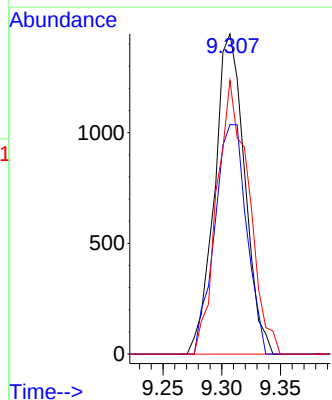
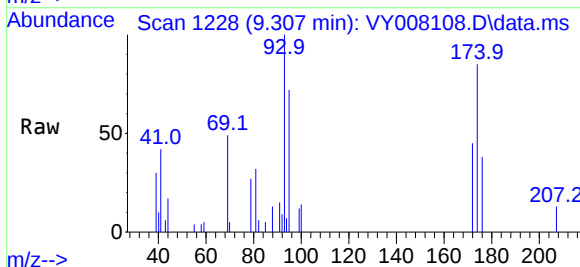
Tgt Ion: 93 Resp: 2580

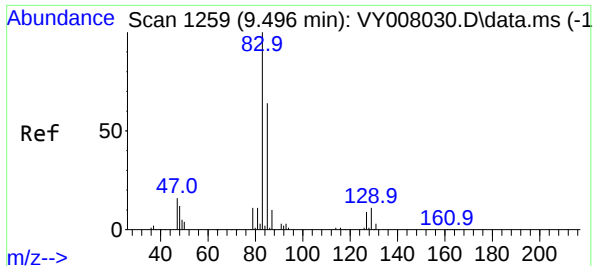
Ion Ratio Lower Upper

93 100

95 76.0 64.3 96.5

174 90.0 83.4 125.0

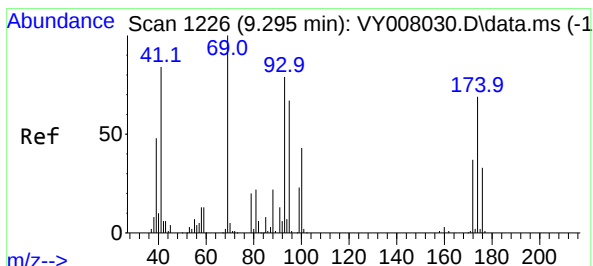
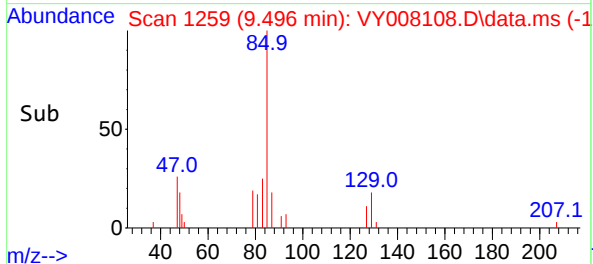
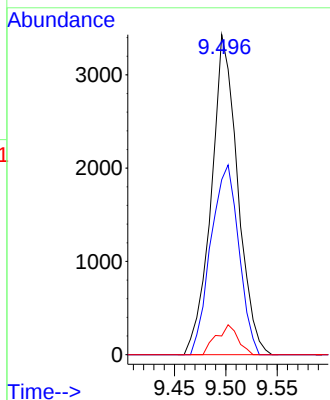
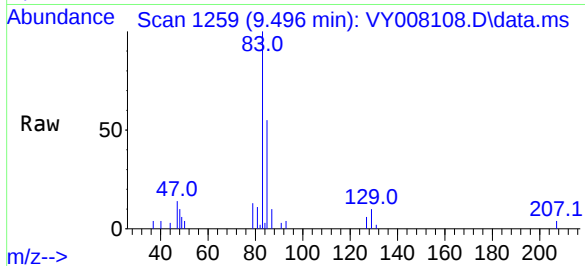




#47
Bromodichloromethane
Concen: 1.264 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

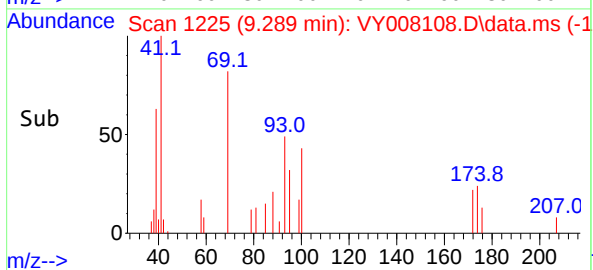
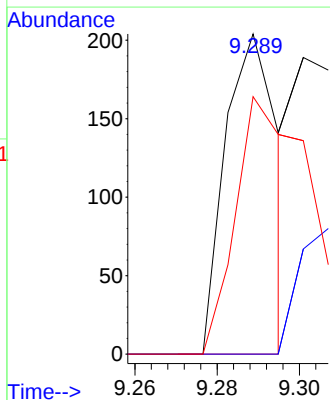
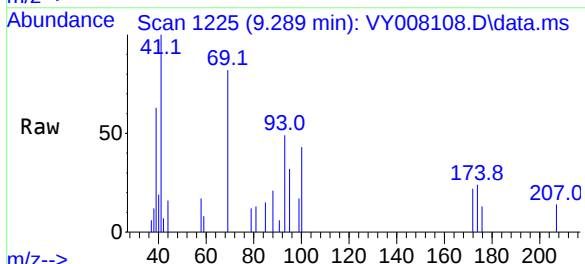
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

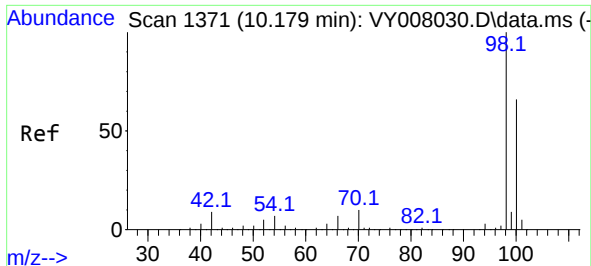
Tgt Ion: 83 Resp: 6129
Ion Ratio Lower Upper
83 100
85 54.7 51.9 77.9
127 5.9 6.6 10.0#



#49
1,4-Dioxane
Concen: 6.491 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 88 Resp: 183
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 148.6 59.8 89.6#

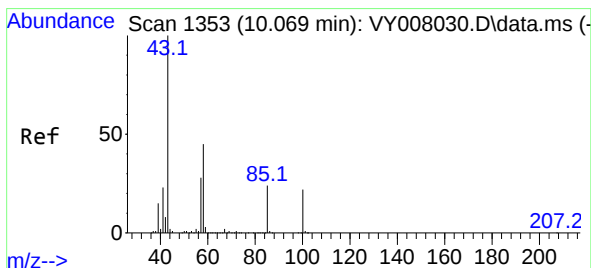
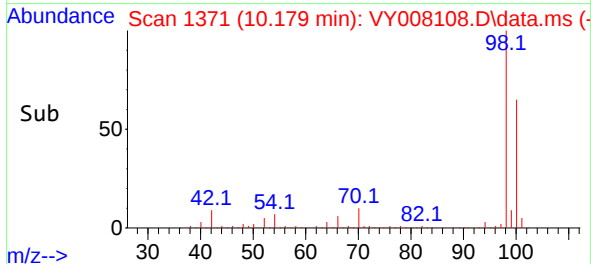
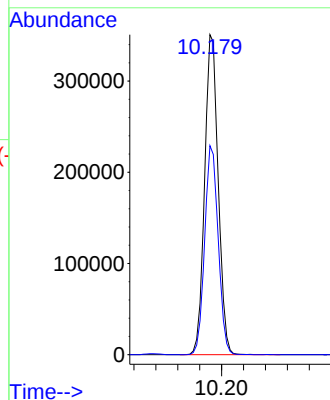
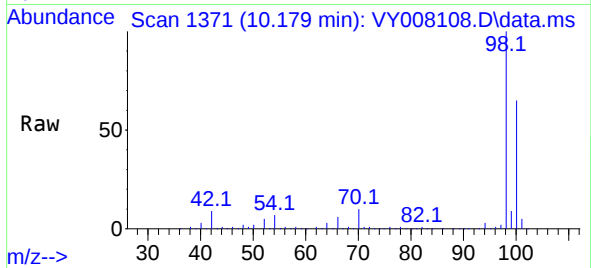




#50
Toluene-d8
Concen: 52.312 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

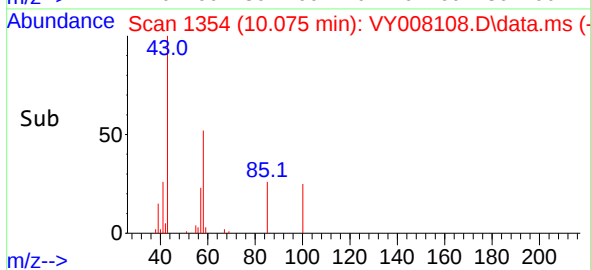
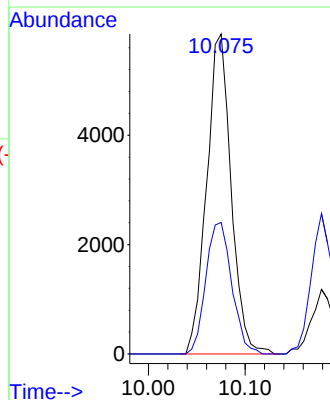
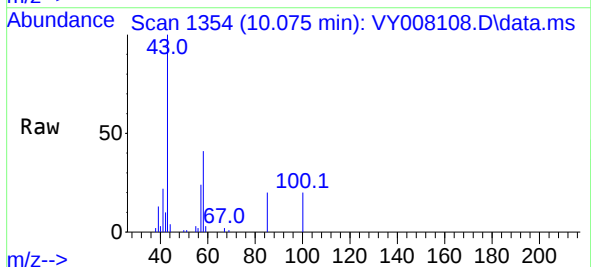
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

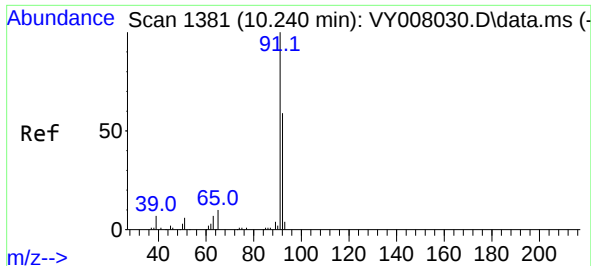
Tgt Ion: 98 Resp: 600265
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 4.644 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 43 Resp: 10276
Ion Ratio Lower Upper
43 100
58 43.5 28.1 42.1#

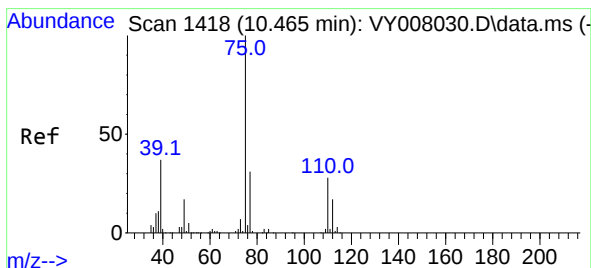
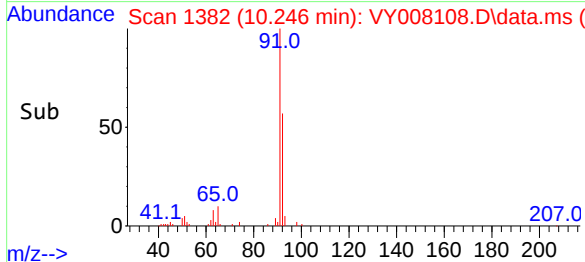
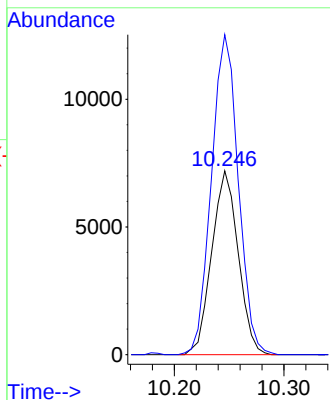
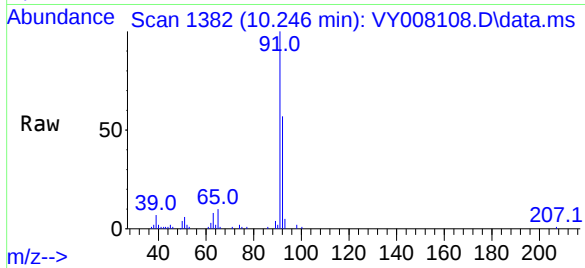




#52
Toluene
Concen: 1.346 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

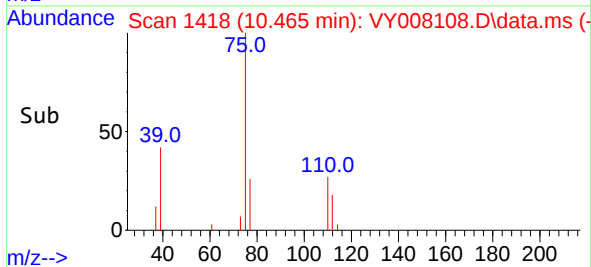
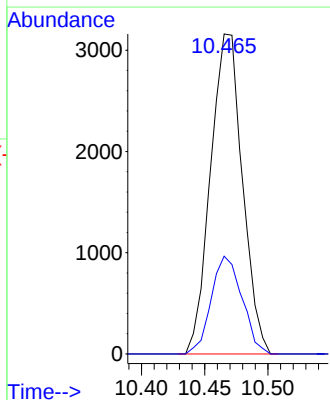
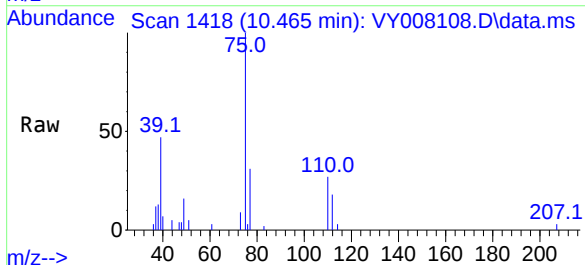
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

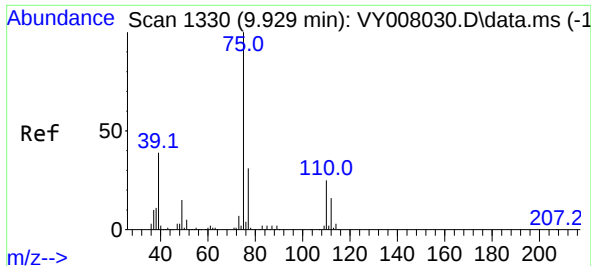
Tgt Ion: 92 Resp: 12082
Ion Ratio Lower Upper
92 100
91 176.7 142.6 213.8



#53
t-1,3-Dichloropropene
Concen: 1.116 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 75 Resp: 5546
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2

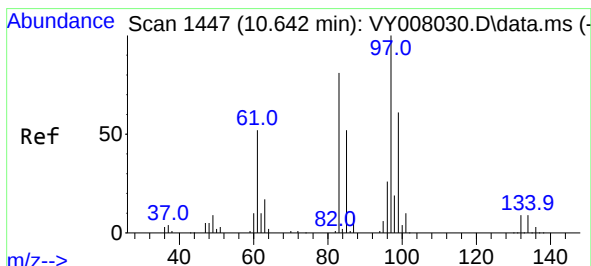
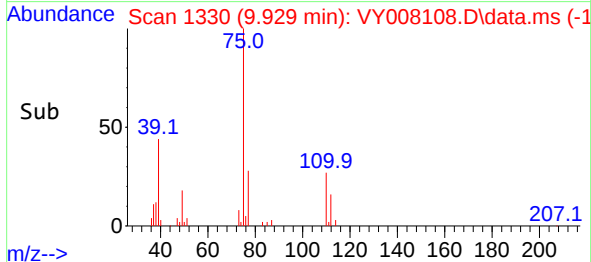
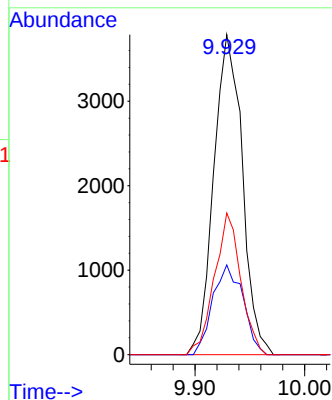
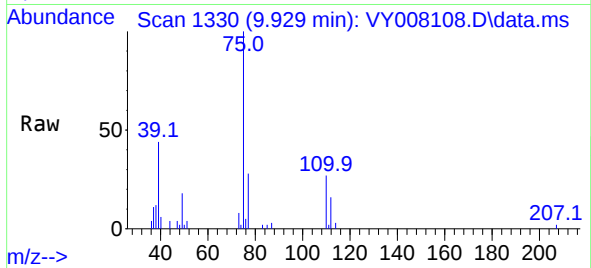




#54
cis-1,3-Dichloropropene
Concen: 1.215 ug/l
RT: 9.929 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

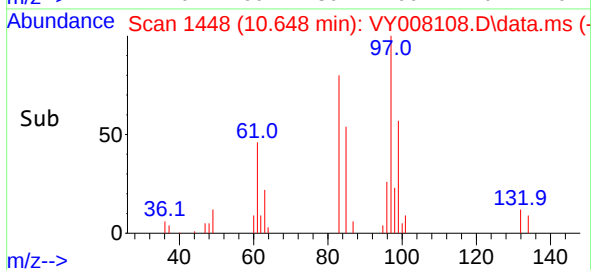
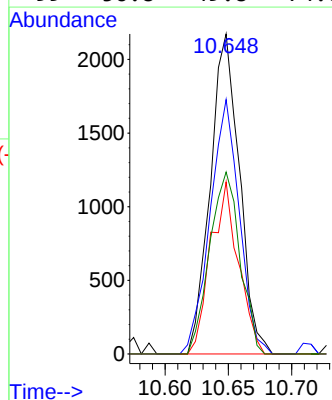
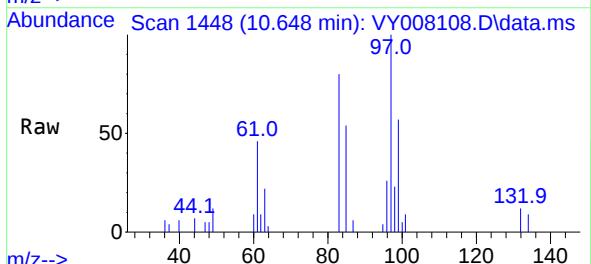
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

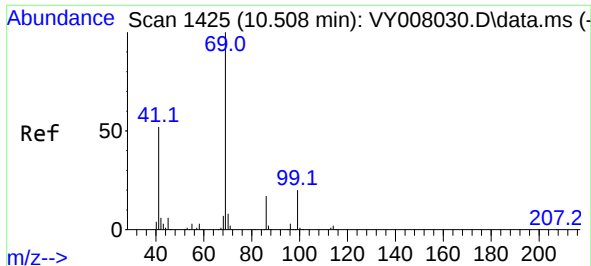
Tgt Ion:	75	Resp:	6836
Ion	Ratio	Lower	Upper
75	100		
77	28.1	25.6	38.4
39	44.3	47.6	71.4#



#55
1,1,2-Trichloroethane
Concen: 1.189 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion:	97	Resp:	3481
Ion	Ratio	Lower	Upper
97	100		
83	79.5	69.8	104.8
85	53.8	44.3	66.5
99	56.8	49.8	74.6

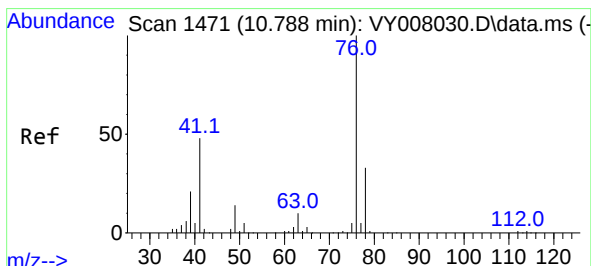
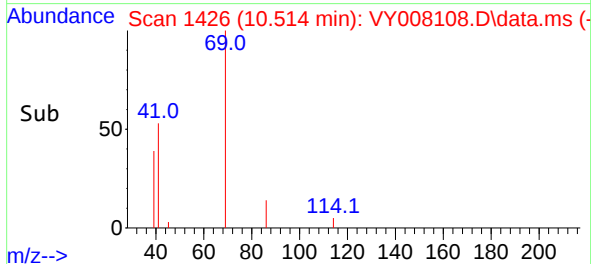
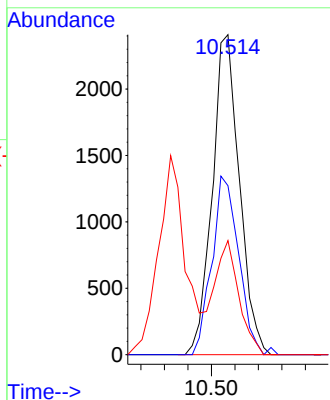
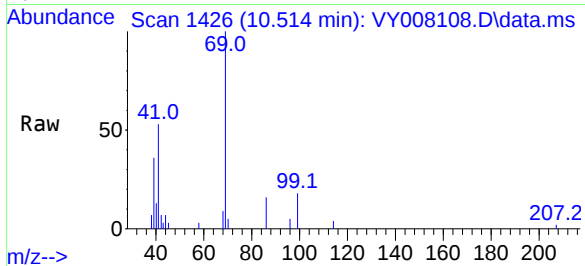




#56
Ethyl methacrylate
Concen: 1.012 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

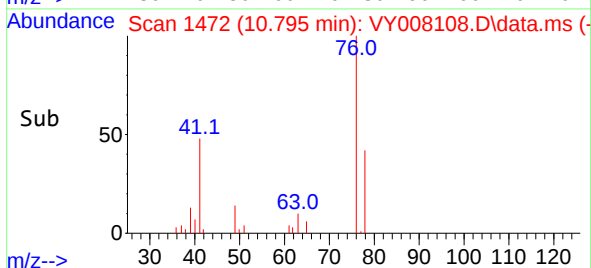
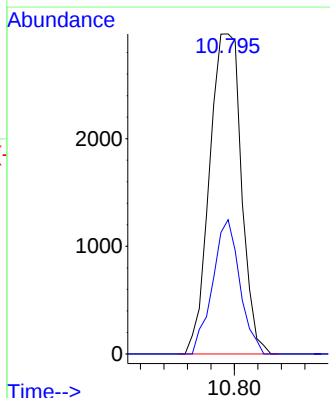
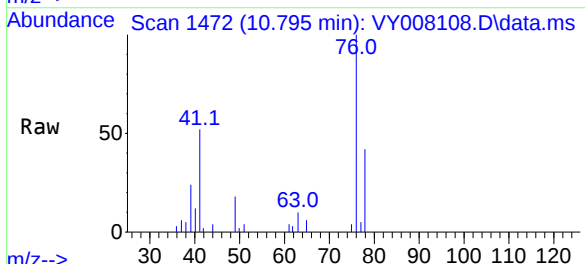
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

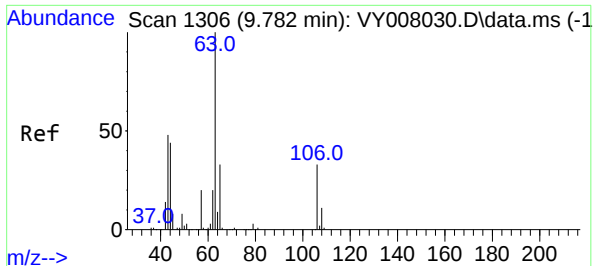
Tgt Ion: 69 Resp: 3867
Ion Ratio Lower Upper
69 100
41 55.3 63.4 95.0#
39 33.7 35.8 53.8#



#57
1,3-Dichloropropane
Concen: 1.167 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.007 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 76 Resp: 5591
Ion Ratio Lower Upper
76 100
78 35.8 25.0 37.6





#58

2-Chloroethyl Vinyl ether

Concen: 5.333 ug/l

RT: 9.783 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008108.D

Acq: 30 Mar 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

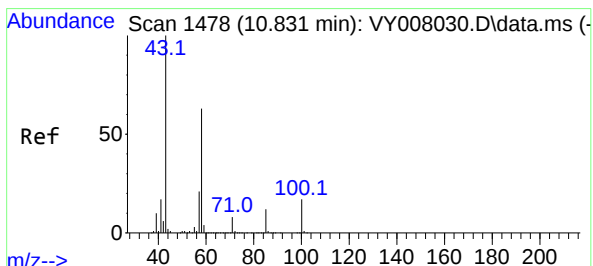
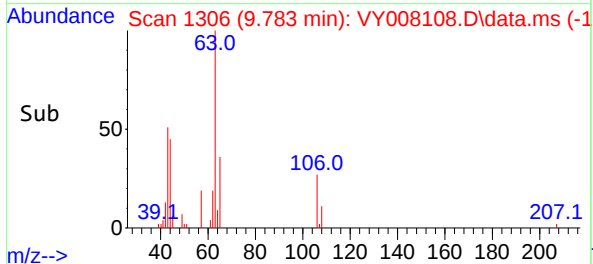
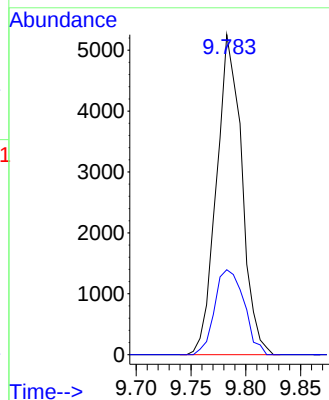
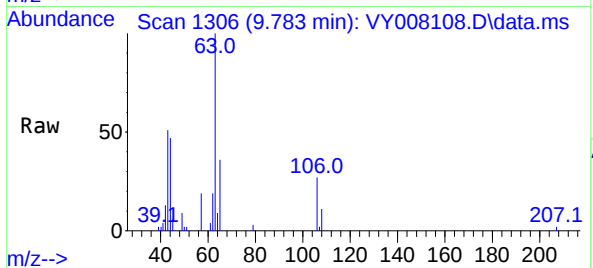
MDL-SOIL-03-QT1-2022

Tgt Ion: 63 Resp: 8440

Ion Ratio Lower Upper

63 100

106 30.9 21.5 32.3



#59

2-Hexanone

Concen: 4.370 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY008108.D

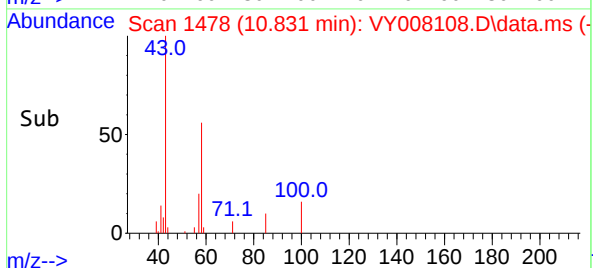
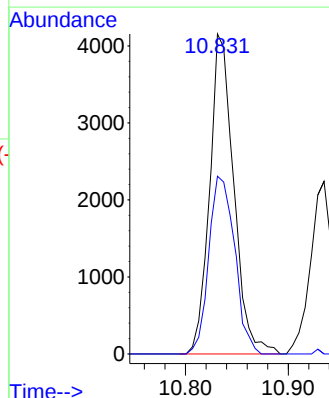
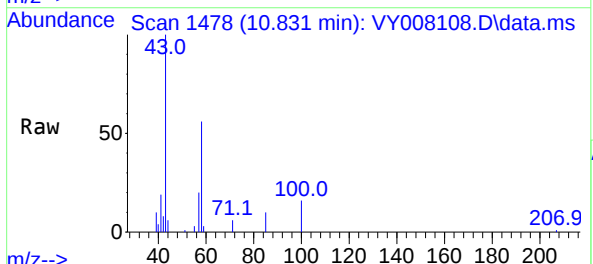
Acq: 30 Mar 2022 14:08

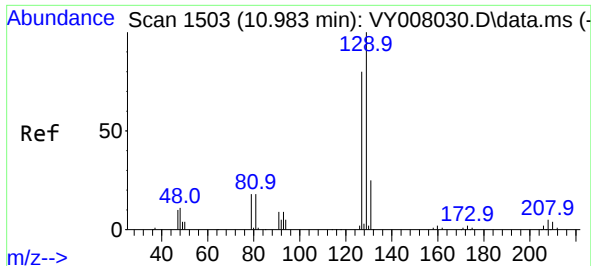
Tgt Ion: 43 Resp: 6767

Ion Ratio Lower Upper

43 100

58 59.5 24.4 73.4

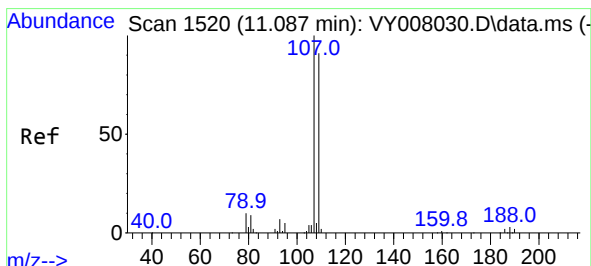
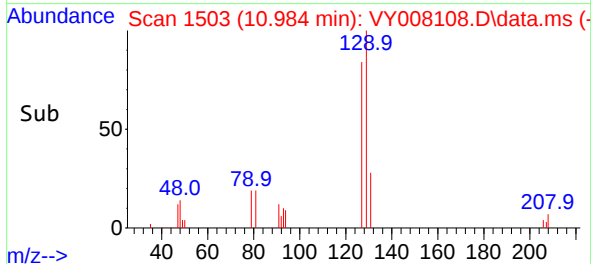
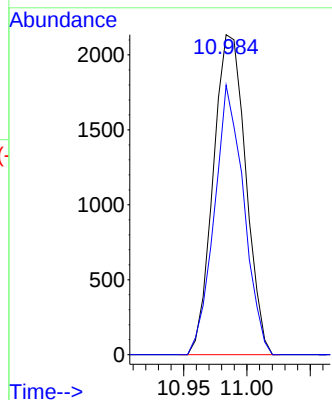
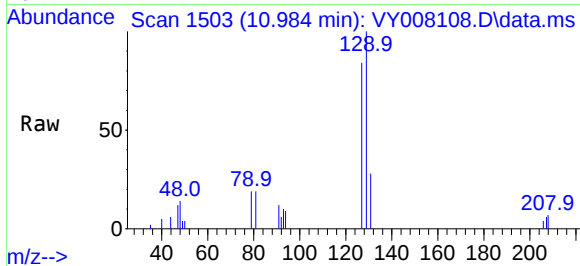




#60
Dibromochloromethane
Concen: 1.073 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

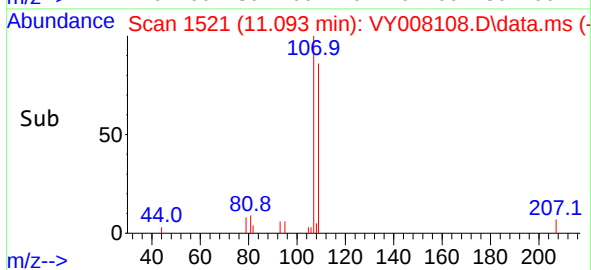
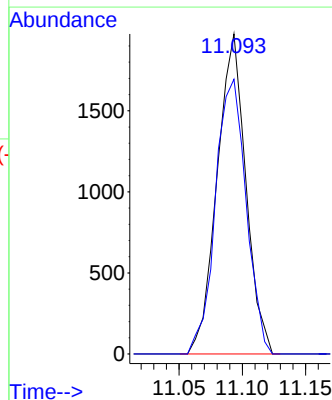
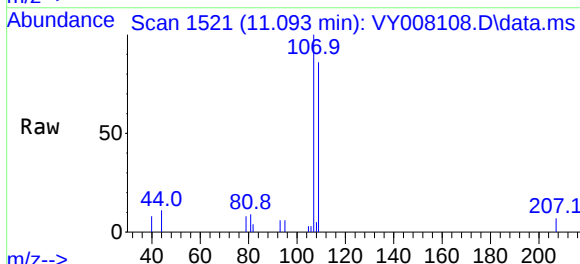
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

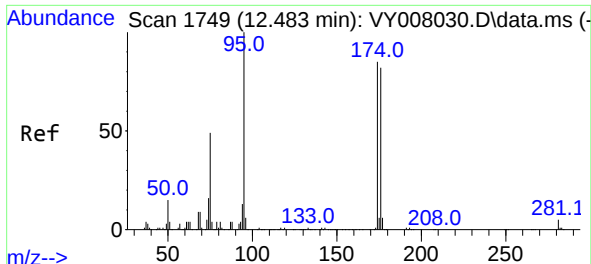
Tgt Ion:129 Resp: 3820
Ion Ratio Lower Upper
129 100
127 76.2 38.7 116.1



#61
1,2-Dibromoethane
Concen: 1.068 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion:107 Resp: 3116
Ion Ratio Lower Upper
107 100
109 91.8 75.4 113.2

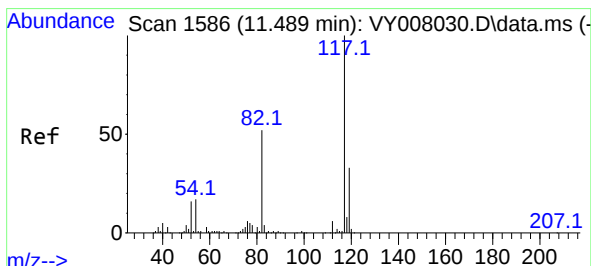
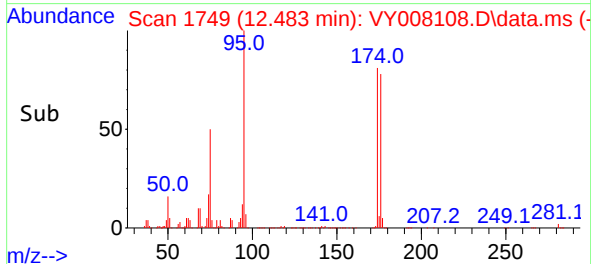
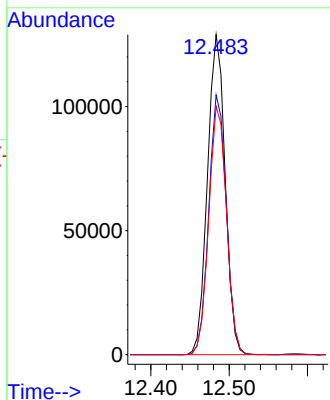
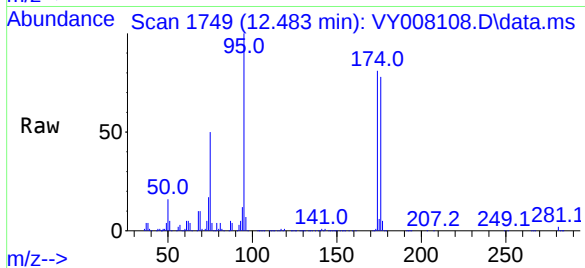




#62
4-Bromofluorobenzene
Concen: 49.918 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

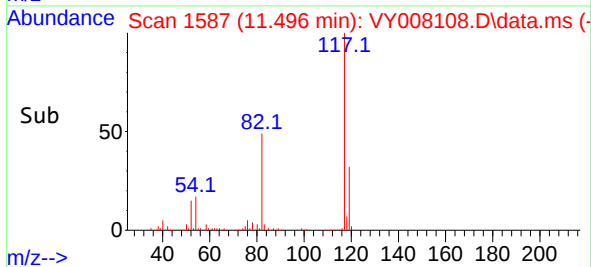
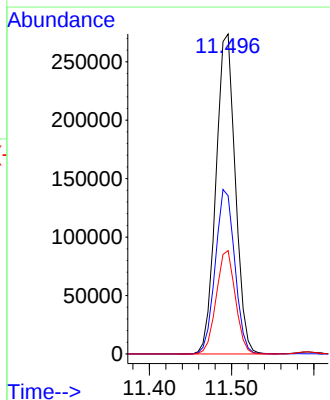
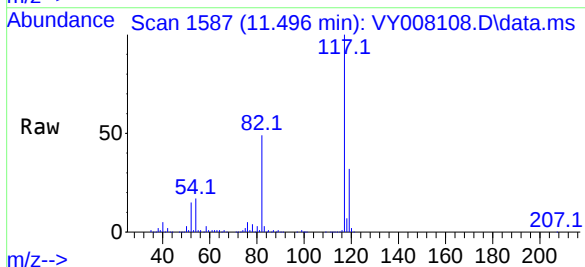
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

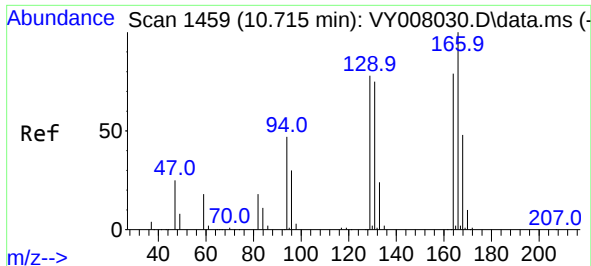
Tgt Ion: 95 Resp: 202082
Ion Ratio Lower Upper
95 100
174 80.7 0.0 177.0
176 77.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 117 Resp: 447053
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.3 25.4 38.0

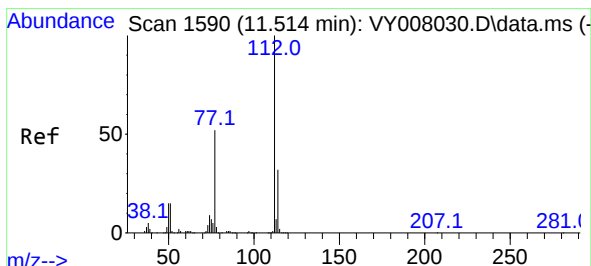
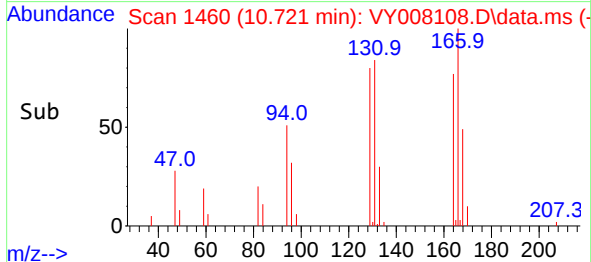
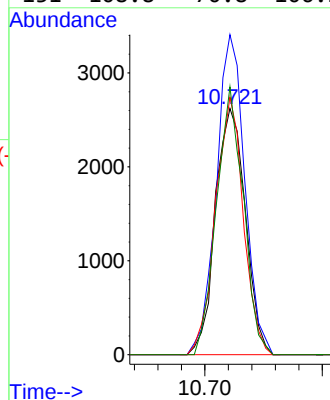
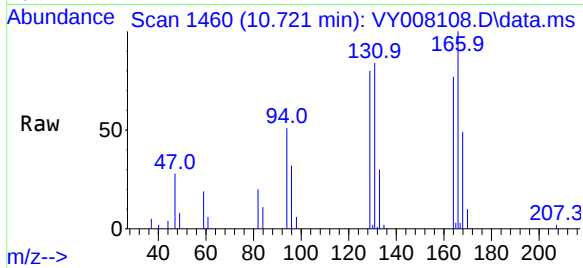




#64
Tetrachloroethene
Concen: 1.360 ug/l
RT: 10.721 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

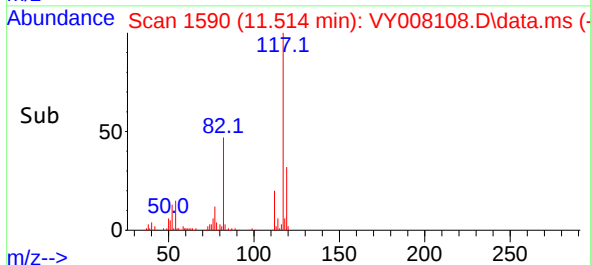
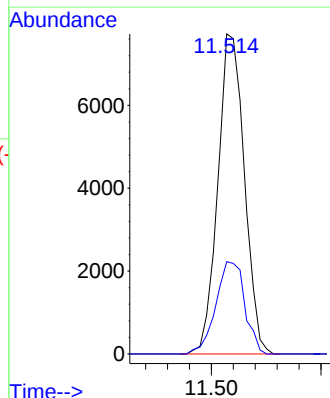
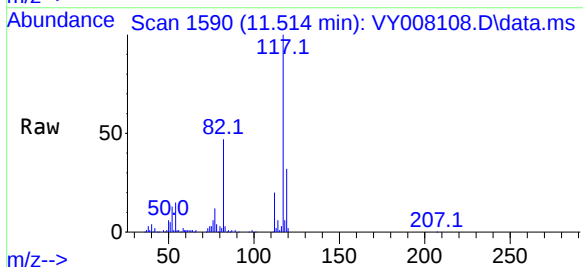
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

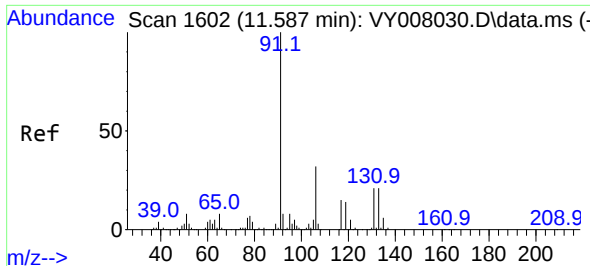
Tgt Ion:164 Resp: 4671
Ion Ratio Lower Upper
164 100
166 130.0 100.4 150.6
129 104.5 71.4 107.0
131 108.8 70.8 106.2#



#65
Chlorobenzene
Concen: 1.289 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion:112 Resp: 12990
Ion Ratio Lower Upper
112 100
114 28.8 25.8 38.6

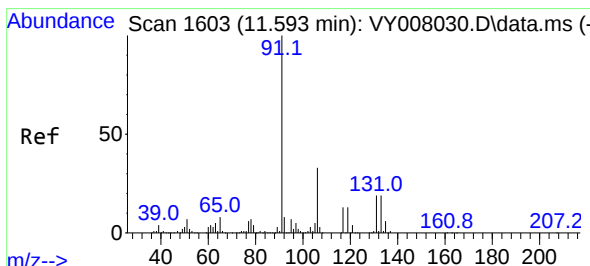
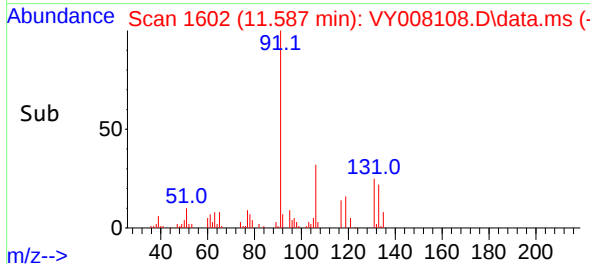
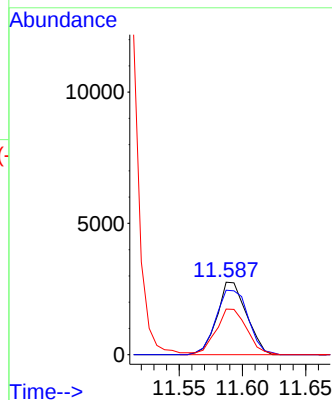
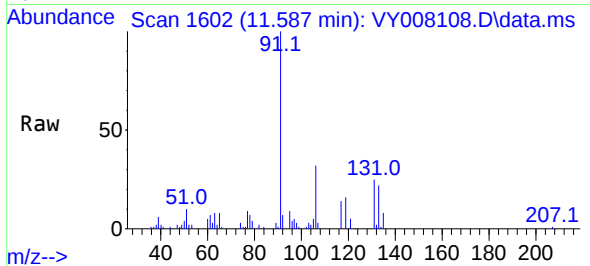




#66
1,1,1,2-Tetrachloroethane
Concen: 1.205 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

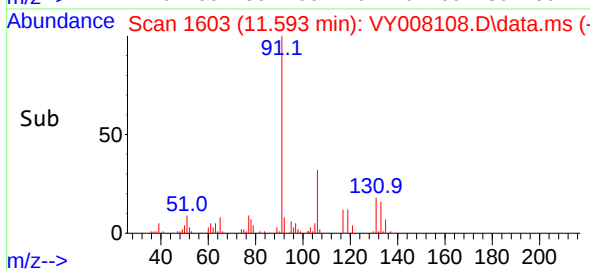
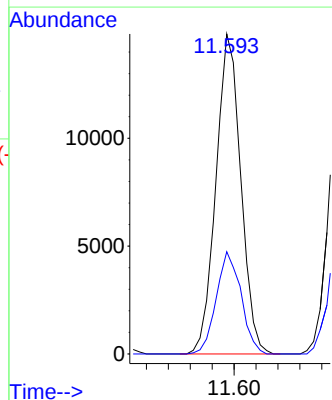
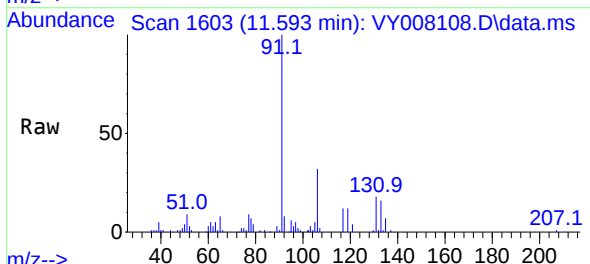
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

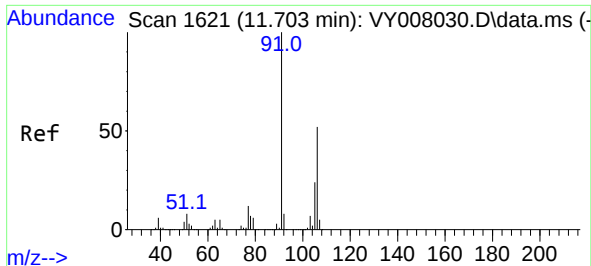
Tgt Ion:131 Resp: 4481
Ion Ratio Lower Upper
131 100
133 97.4 47.9 143.6
119 0.0 30.8 92.3#



#67
Ethyl Benzene
Concen: 1.322 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 91 Resp: 23360
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7

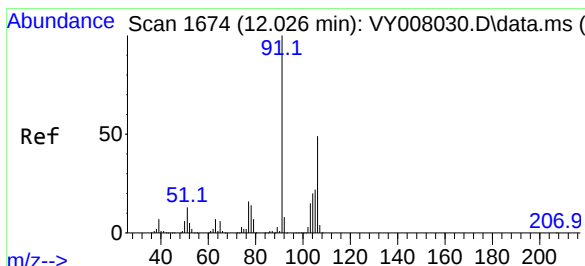
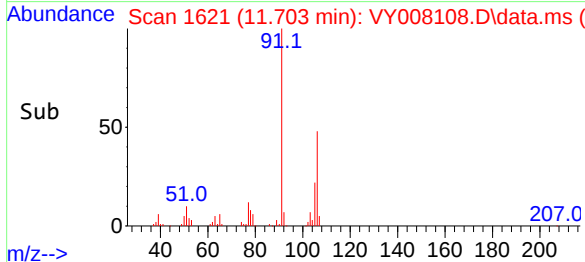
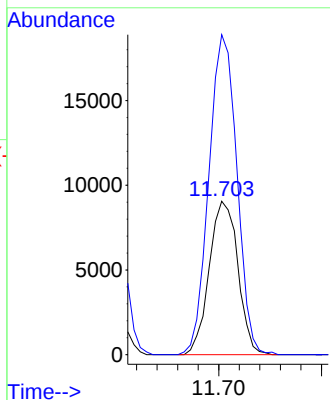
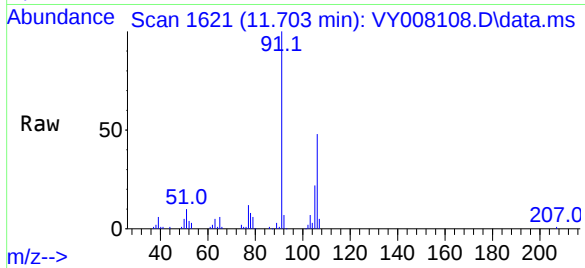




#68
m/p-Xylenes
Concen: 2.495 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

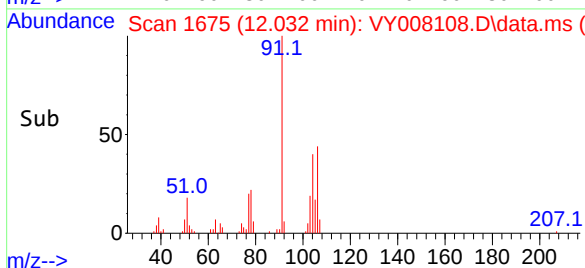
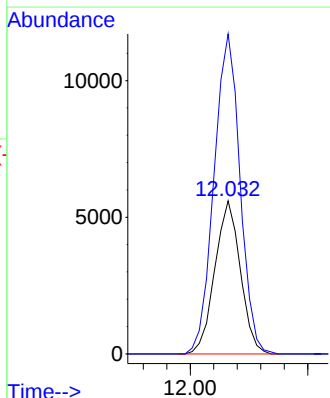
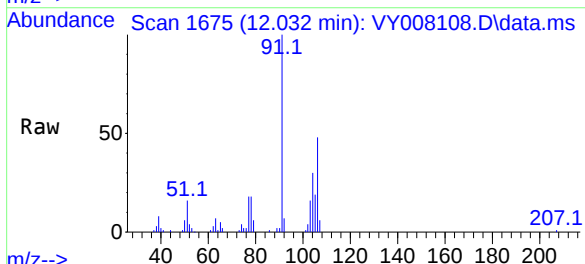
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

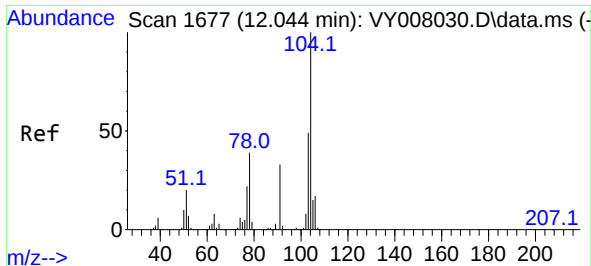
Tgt Ion:106 Resp: 17528
Ion Ratio Lower Upper
106 100
91 204.2 166.6 249.8



#69
o-Xylene
Concen: 1.255 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion:106 Resp: 8444
Ion Ratio Lower Upper
106 100
91 213.2 110.3 331.0

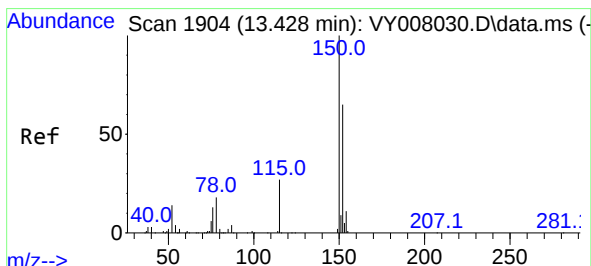
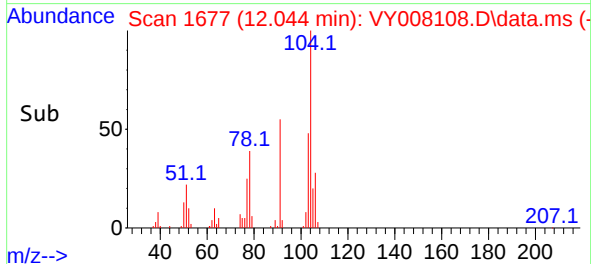
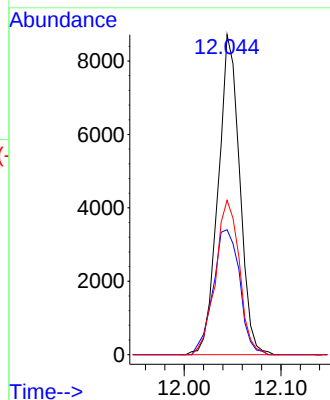
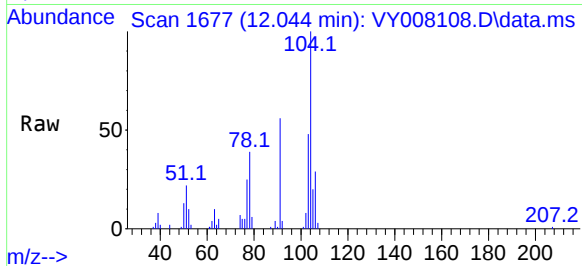




#70
Styrene
Concen: 1.224 ug/l
RT: 12.044 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

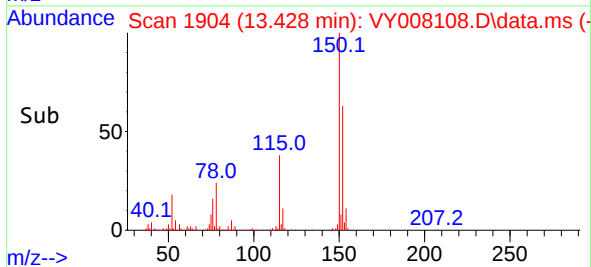
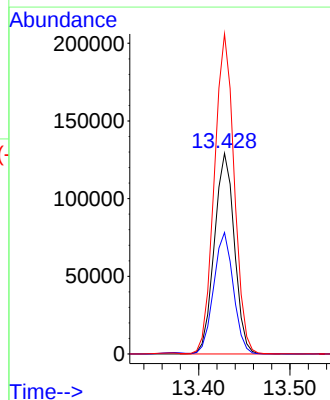
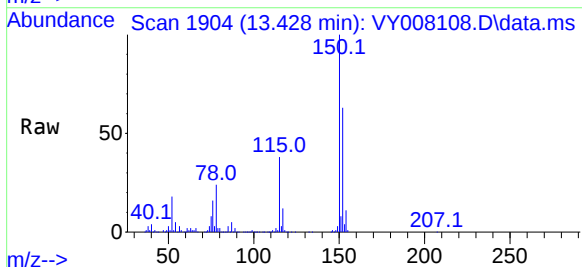
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

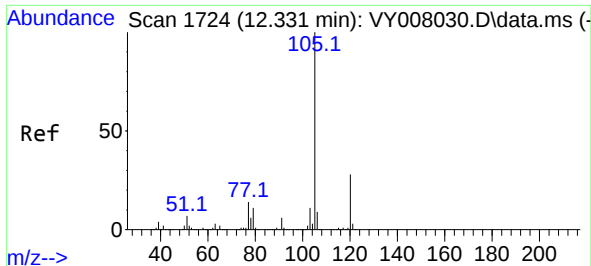
Tgt Ion:	104	Resp:	13477
Ion Ratio	Lower	Upper	
104	100		
78	48.1	42.4	63.6
103	53.5	44.4	66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion:	152	Resp:	196412
Ion Ratio	Lower	Upper	
152	100		
115	59.6	28.2	84.7
150	158.8	0.0	347.6

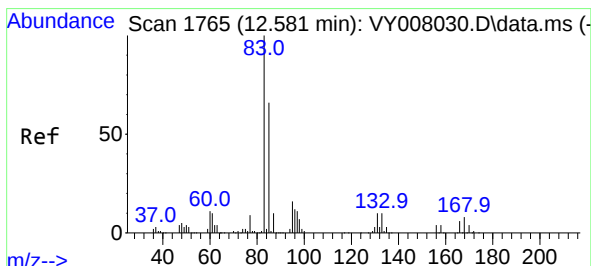
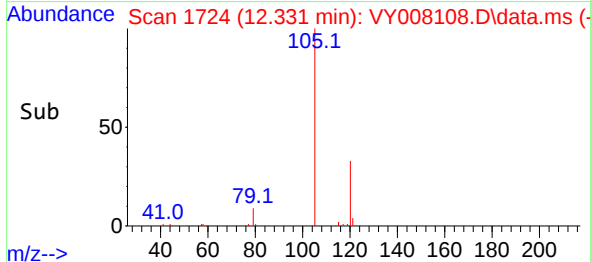
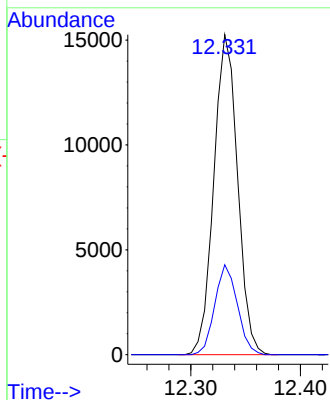
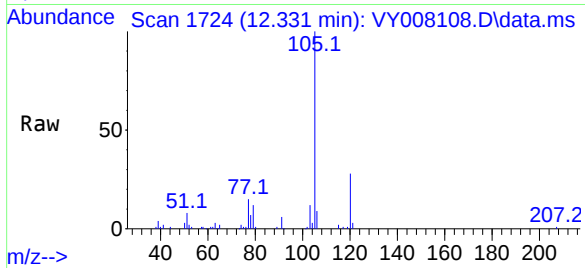




#73
Isopropylbenzene
Concen: 1.416 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

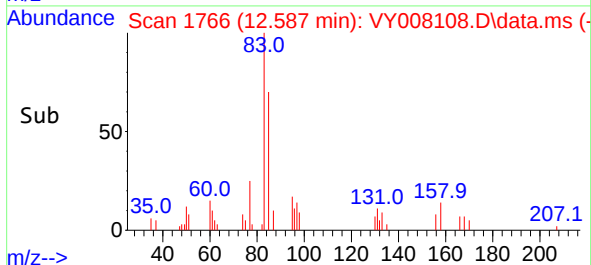
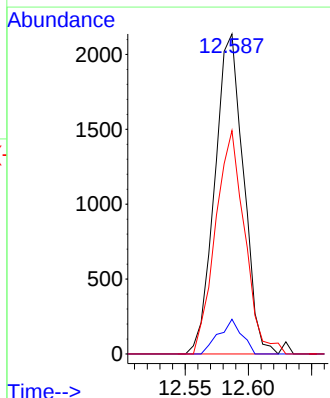
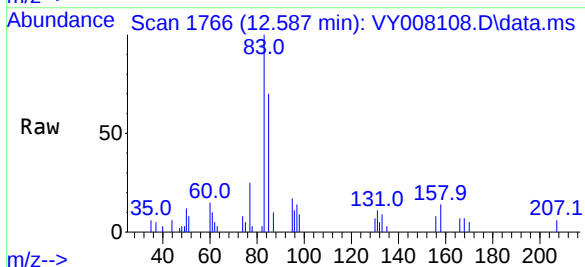
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

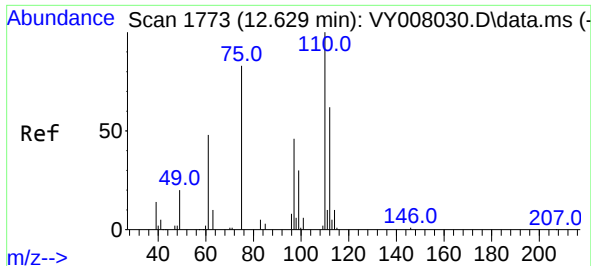
Tgt Ion:105 Resp: 22955
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#75
1,1,2,2-Tetrachloroethane
Concen: 1.068 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 83 Resp: 3364
Ion Ratio Lower Upper
83 100
131 8.7 5.6 16.8
85 71.5 32.3 96.8

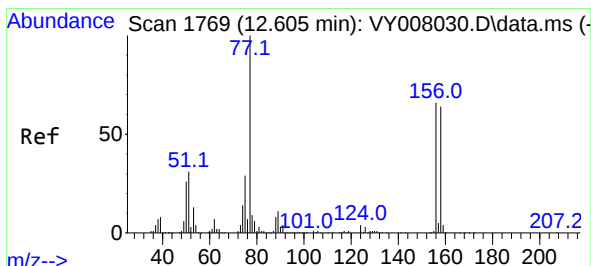
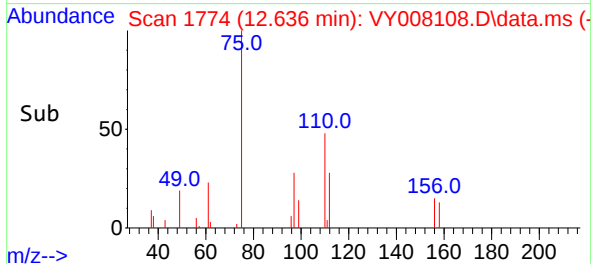
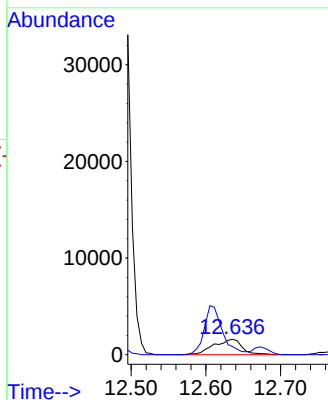
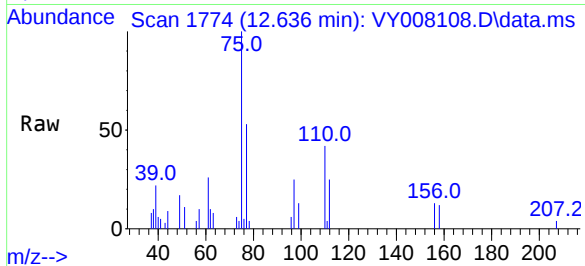




#76
1,2,3-Trichloropropane
Concen: 1.760 ug/l
RT: 12.636 min Scan# 1773
Delta R.T. 0.007 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

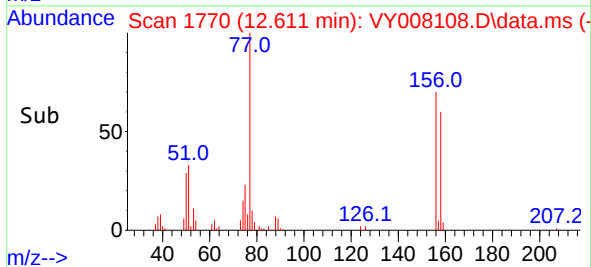
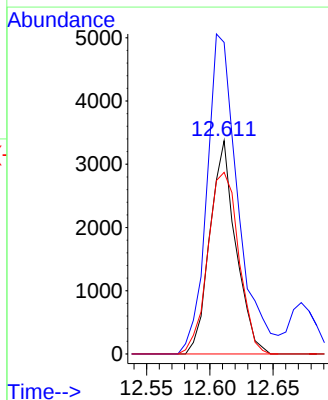
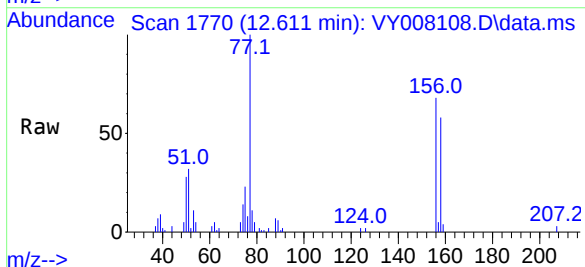
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

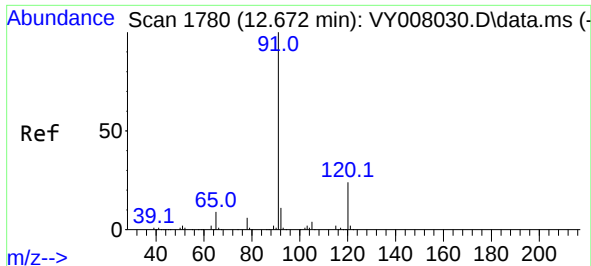
Tgt Ion: 75 Resp: 4213
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 1.290 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 156 Resp: 4799
Ion Ratio Lower Upper
156 100
77 180.5 95.5 286.4
158 102.0 48.0 144.0

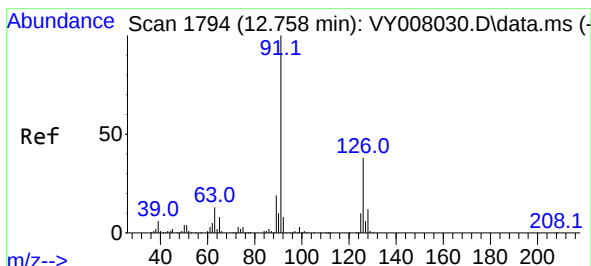
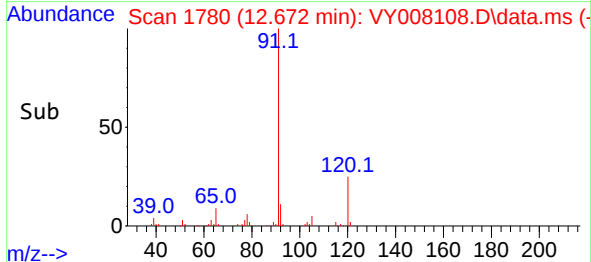
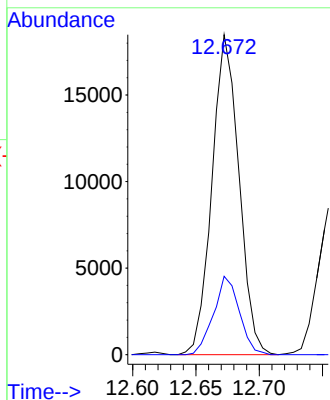
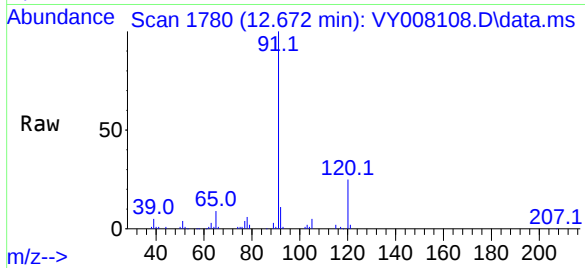




#78
n-propylbenzene
Concen: 1.433 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

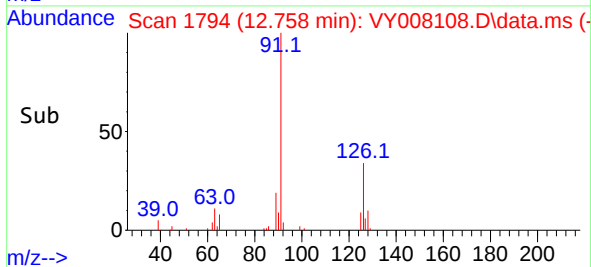
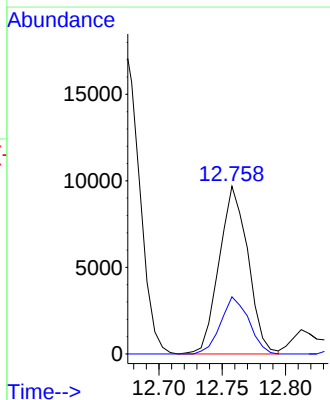
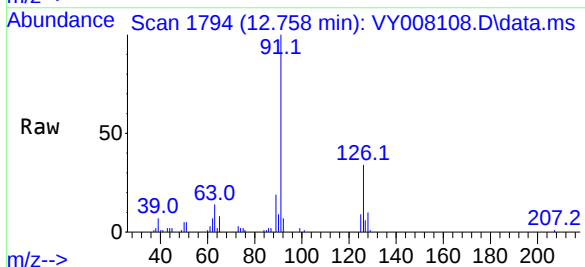
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

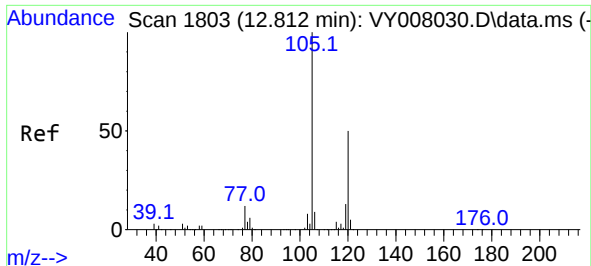
Tgt Ion: 91 Resp: 27395
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9



#79
2-Chlorotoluene
Concen: 1.452 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 91 Resp: 15408
Ion Ratio Lower Upper
91 100
126 33.1 16.9 50.6

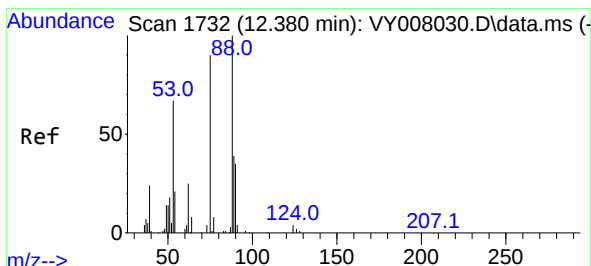
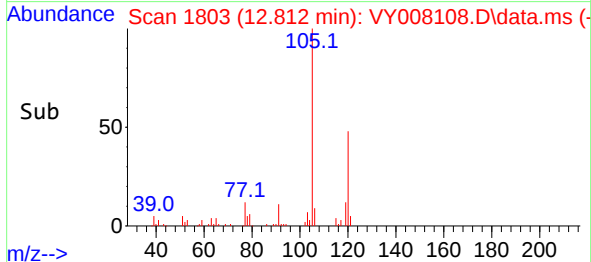
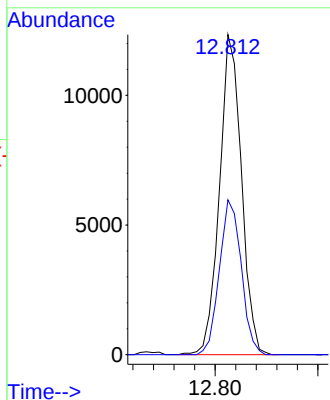
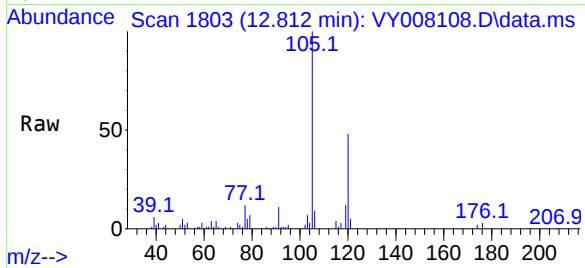




#80
 1,3,5-Trimethylbenzene
 Concen: 1.376 ug/l
 RT: 12.812 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY008108.D
 Acq: 30 Mar 2022 14:08

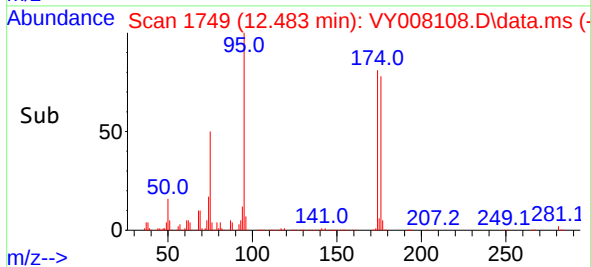
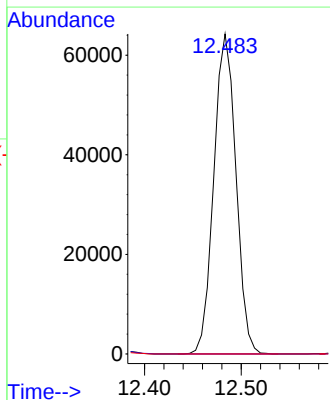
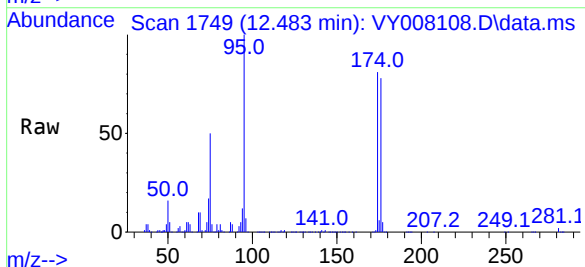
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

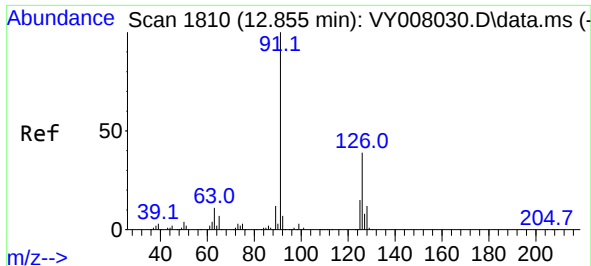
Tgt Ion:105 Resp: 18276
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.920 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY008108.D
 Acq: 30 Mar 2022 14:08

Tgt Ion: 75 Resp: 101859
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

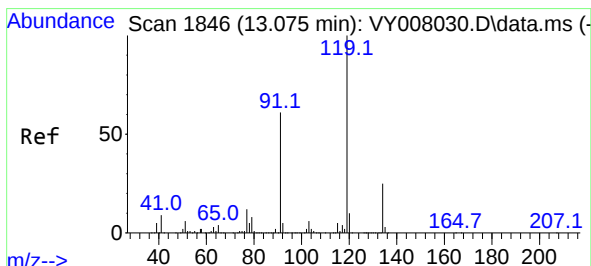
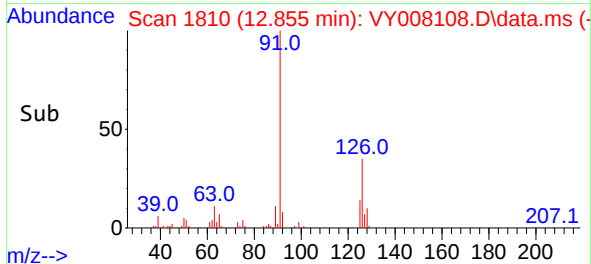
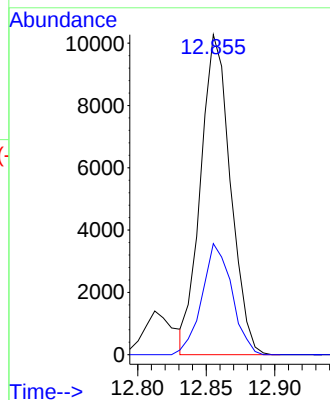
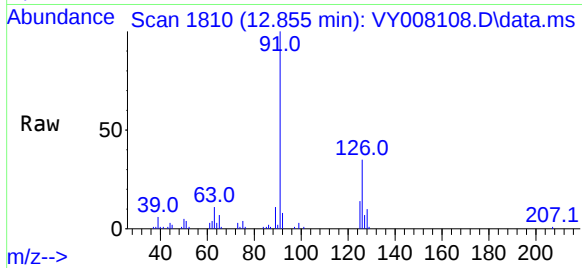




#82
4-Chlorotoluene
Concen: 1.431 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

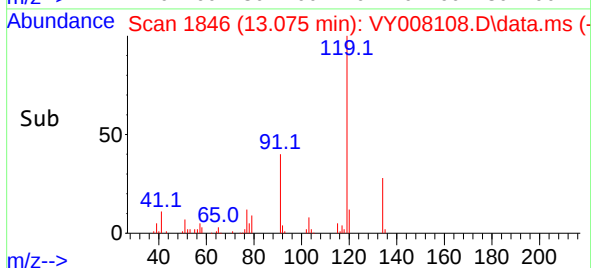
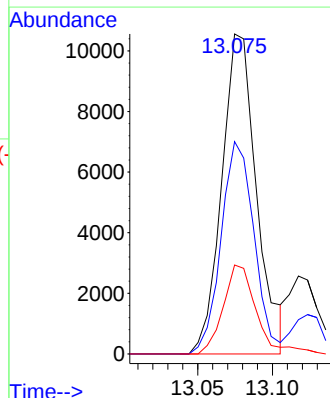
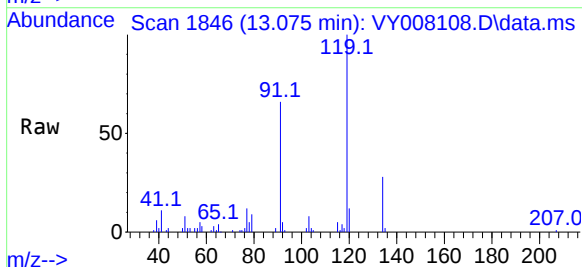
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

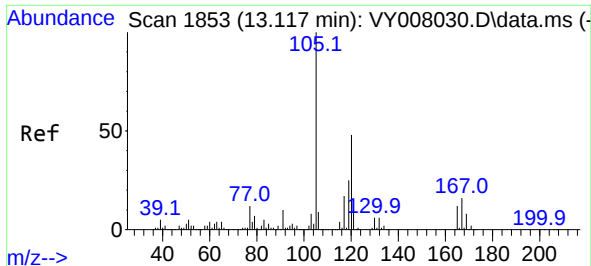
Tgt Ion: 91 Resp: 15575
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0



#83
tert-Butylbenzene
Concen: 1.445 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion: 119 Resp: 17103
Ion Ratio Lower Upper
119 100
91 62.8 34.8 104.4
134 26.5 13.3 39.9

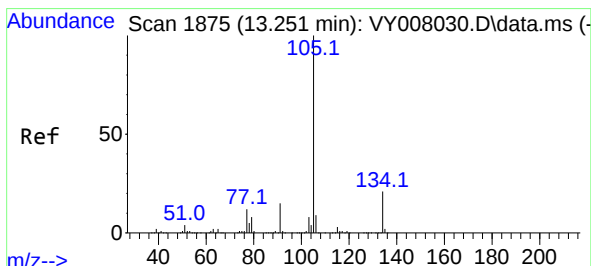
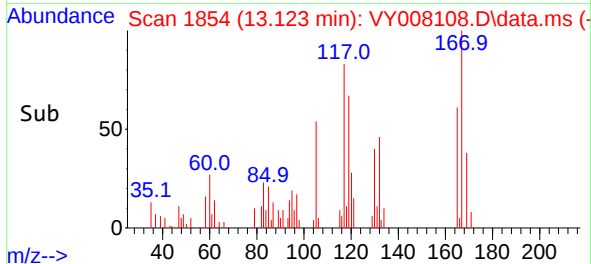
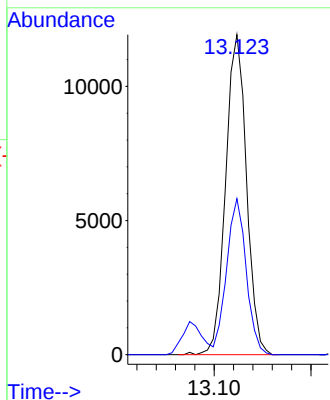
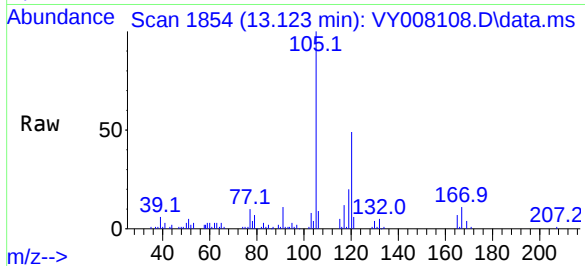




#84
1,2,4-Trimethylbenzene
Concen: 1.378 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

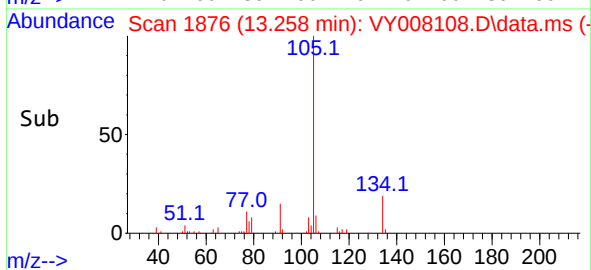
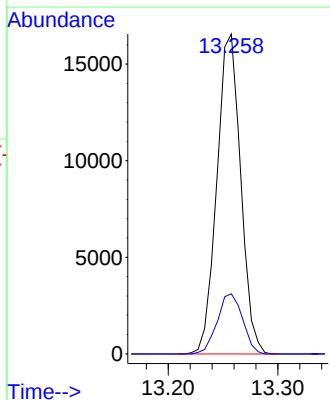
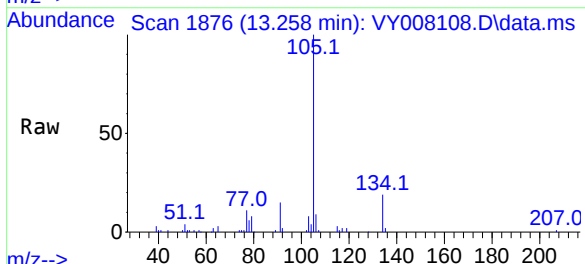
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

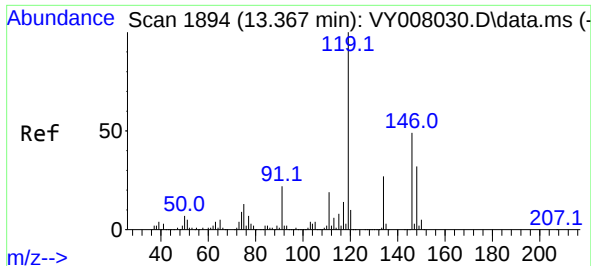
Tgt Ion:105 Resp: 17827
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.9



#85
sec-Butylbenzene
Concen: 1.431 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.007 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion:105 Resp: 24992
Ion Ratio Lower Upper
105 100
134 20.0 10.2 30.4

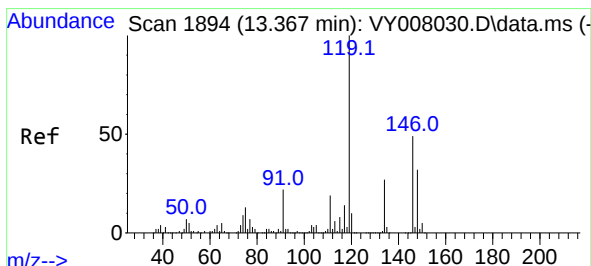
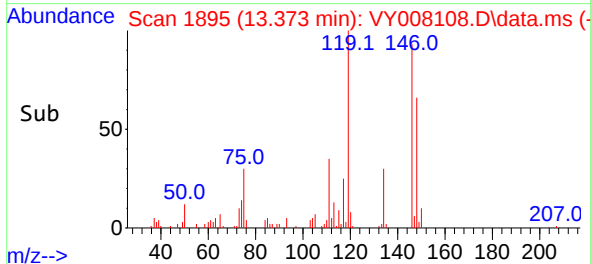
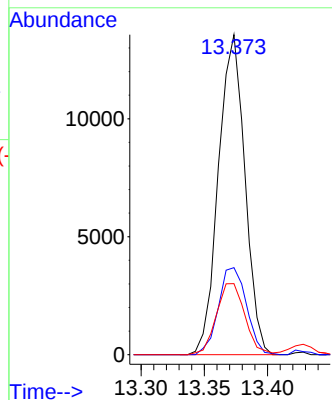
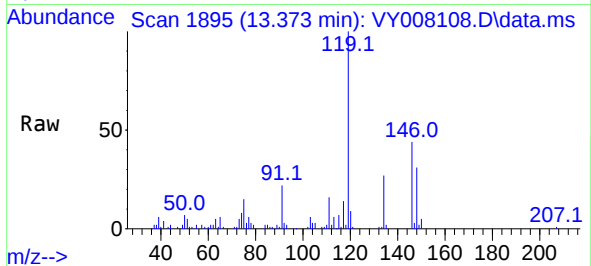




#86
p-Isopropyltoluene
Concen: 1.359 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

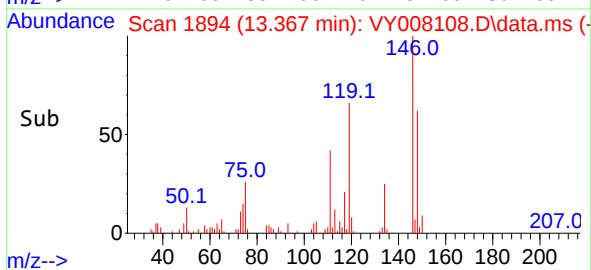
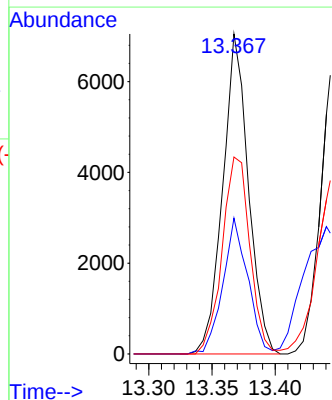
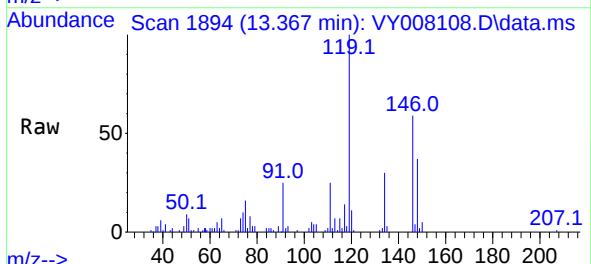
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

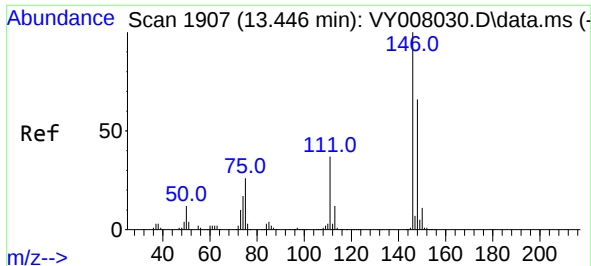
Tgt Ion:119 Resp: 19748
Ion Ratio Lower Upper
119 100
134 28.9 13.2 39.5
91 23.9 12.4 37.2



#87
1,3-Dichlorobenzene
Concen: 1.347 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion:146 Resp: 9931
Ion Ratio Lower Upper
146 100
111 41.3 19.5 58.5
148 66.7 31.6 95.0

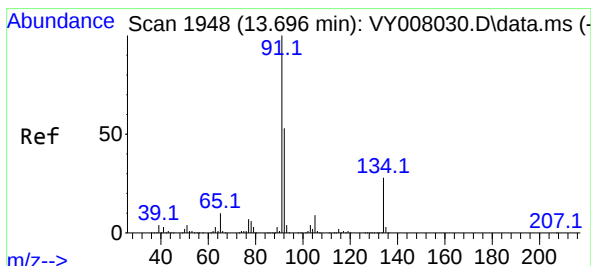
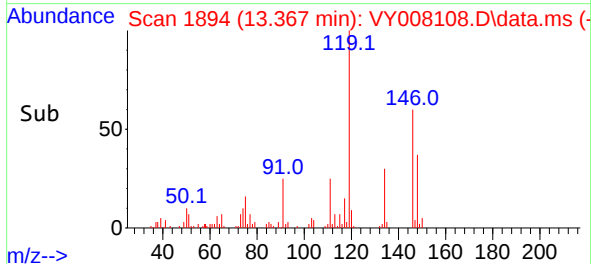
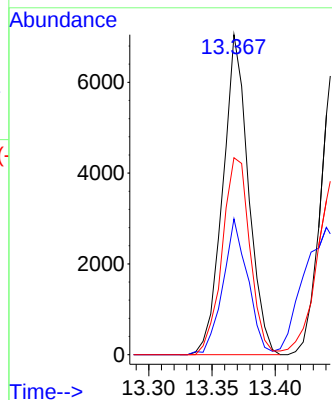
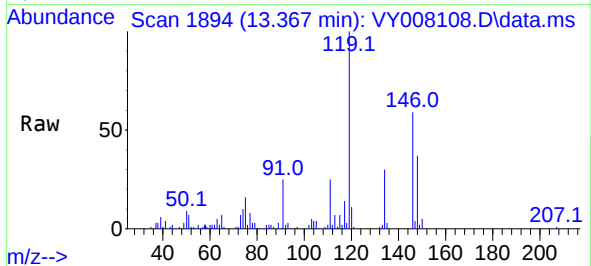




#88
1,4-Dichlorobenzene
Concen: 1.350 ug/l
RT: 13.367 min Scan# 11
Delta R.T. -0.079 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

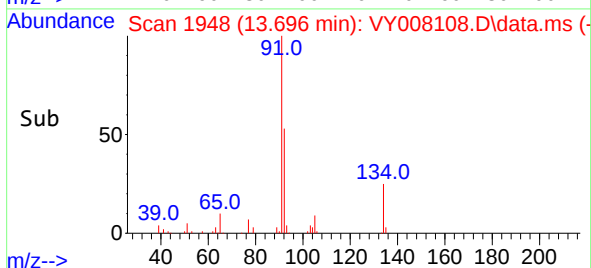
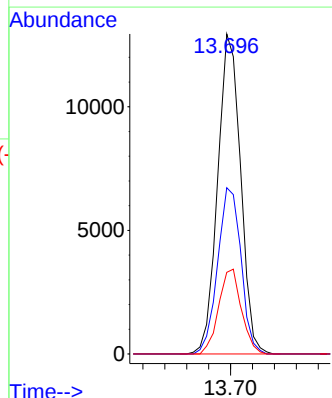
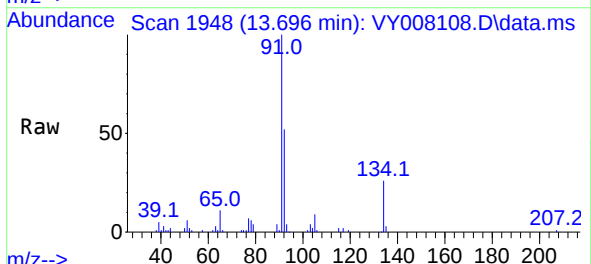
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

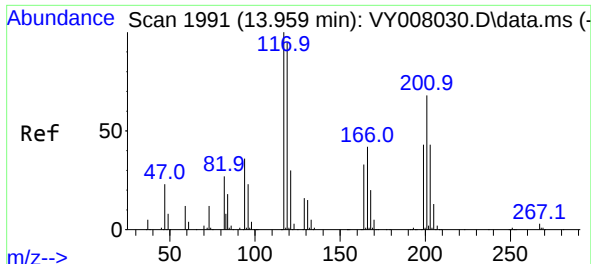
Tgt Ion:	146	Resp:	9931
Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.3	57.8
148	66.7	32.6	97.8



#89
n-Butylbenzene
Concen: 1.406 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion:	91	Resp:	18797
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.3	78.9
134	26.3	13.0	38.9

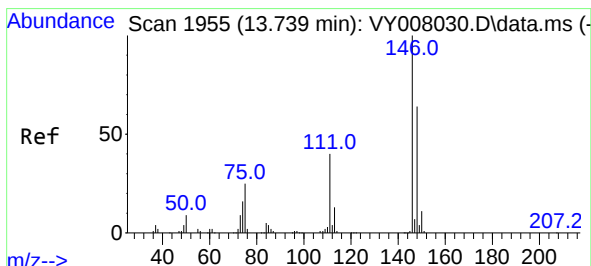
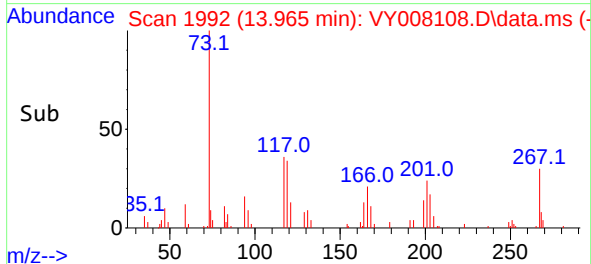
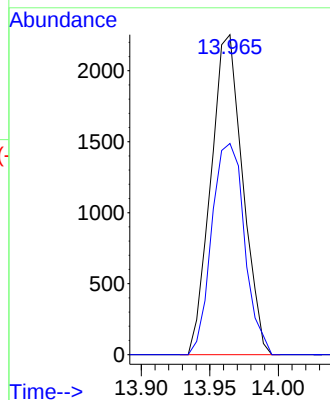
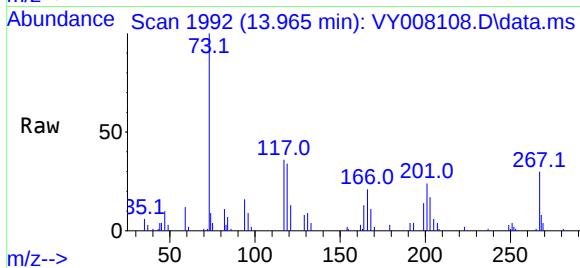




#90
Hexachloroethane
Concen: 1.292 ug/l
RT: 13.965 min Scan# 1991
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

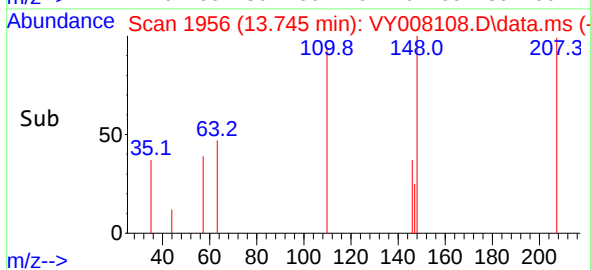
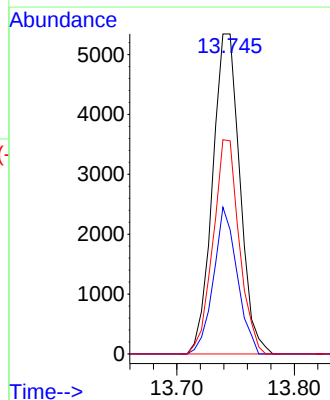
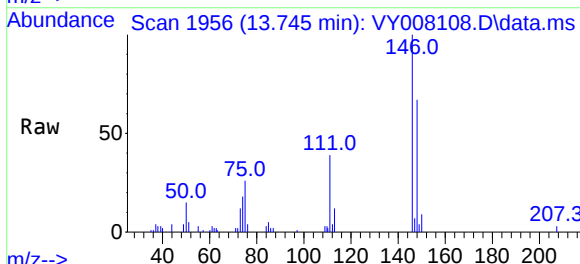
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

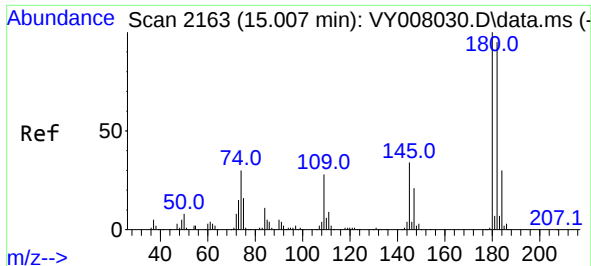
Tgt Ion:117 Resp: 3639
Ion Ratio Lower Upper
117 100
201 68.0 43.0 128.8



#91
1,2-Dichlorobenzene
Concen: 1.331 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion:146 Resp: 8639
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 64.0 32.3 96.9

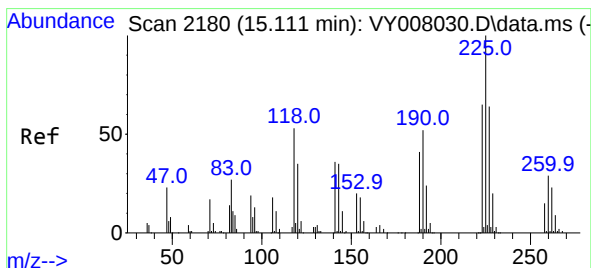
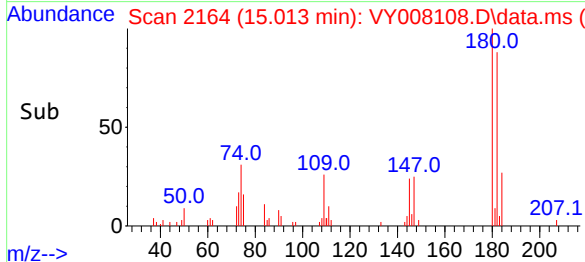
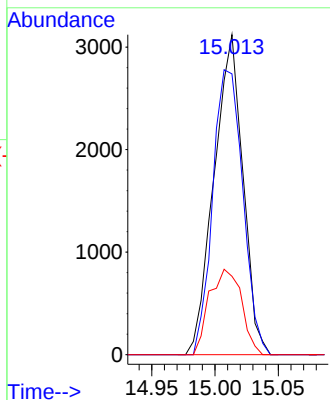
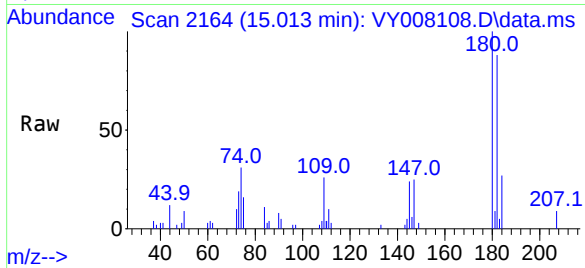




#93
1,2,4-Trichlorobenzene
Concen: 1.275 ug/l
RT: 15.013 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

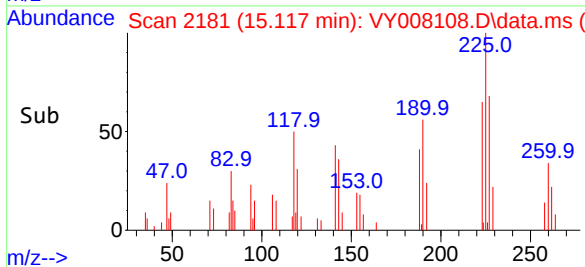
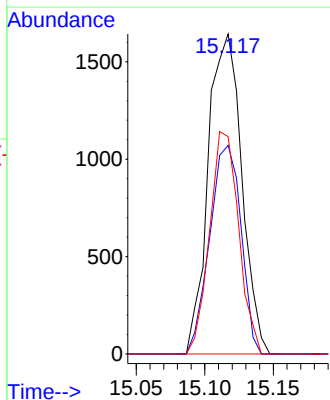
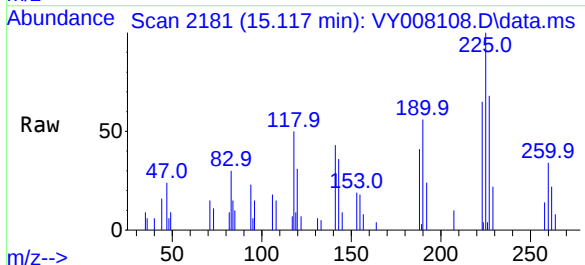
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

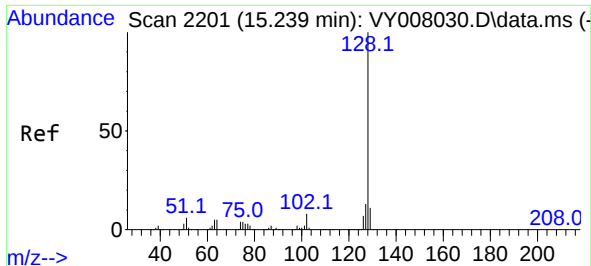
Tgt Ion:	180	Resp:	4957
Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.3	141.9
145	29.7	14.6	43.8



#94
Hexachlorobutadiene
Concen: 1.358 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion:	225	Resp:	2794
Ion	Ratio	Lower	Upper
225	100		
223	60.9	30.8	92.3
227	60.4	31.6	94.7

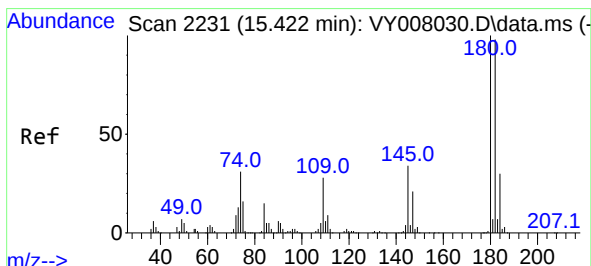
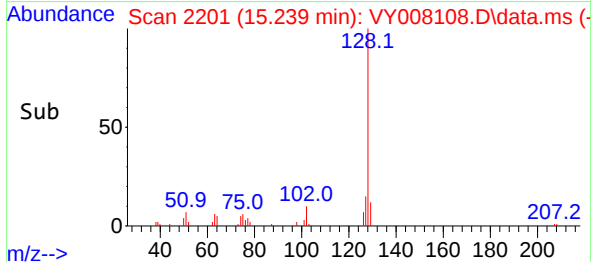
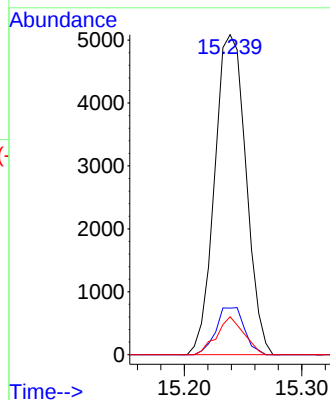
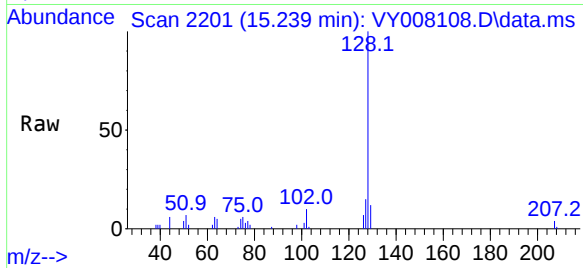




#95
Naphthalene
Concen: 1.097 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

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

Tgt Ion:	128	Resp:	9430
Ion	Ratio	Lower	Upper
128	100		
127	13.4	11.0	16.4
129	10.2	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.252 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008108.D
Acq: 30 Mar 2022 14:08

Tgt Ion:	180	Resp:	4212
Ion	Ratio	Lower	Upper
180	100		
182	86.8	47.3	141.9
145	32.4	15.3	45.9

