

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008107.D
 Acq On : 30 Mar 2022 13:44
 Operator : SY/MD
 Sample : N1645-03 4.0ppb
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 31 04:31:14 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	289602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	508482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	460521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	208646	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	134961	46.449	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.900%
35) Dibromofluoromethane	7.722	113	157314	49.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.179	98	609222	50.722	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.483	95	203038	47.914	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.820%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	4458	1.708	ug/l	93
3) Chloromethane	2.113	50	6259	1.969	ug/l #	88
4) Vinyl Chloride	2.253	62	7956	1.881	ug/l	96
5) Bromomethane	2.656	94	7484	2.159	ug/l	83
6) Chloroethane	2.802	64	5236	1.882	ug/l	95
7) Trichlorofluoromethane	3.131	101	10203	1.907	ug/l	94
8) Diethyl Ether	3.528	74	3059	1.765	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.912	101	6321	1.904	ug/l	95
10) Methyl Iodide	4.095	142	5228	3.000	ug/l	90
11) Tert butyl alcohol	4.954	59	1677	5.563	ug/l #	77
12) 1,1-Dichloroethene	3.881	96	5951	1.937	ug/l #	77
13) Acrolein	3.735	56	1684	6.863	ug/l	99
14) Allyl chloride	4.491	41	7713	1.908	ug/l #	92
15) Acrylonitrile	5.168	53	5437	6.587	ug/l	97
16) Acetone	3.954	43	4988	7.511	ug/l	93
17) Carbon Disulfide	4.198	76	15820	1.817	ug/l	97
18) Methyl Acetate	4.479	43	4529	Below Cal	#	85
19) Methyl tert-butyl Ether	5.216	73	14882	1.704	ug/l	92
20) Methylene Chloride	4.729	84	11026	Below Cal	#	76
21) trans-1,2-Dichloroethene	5.229	96	7025	1.975	ug/l #	79
22) Diisopropyl ether	6.125	45	17382	1.998	ug/l #	85
23) Vinyl Acetate	6.064	43	36603	6.792	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	11093	1.927	ug/l #	94
25) 2-Butanone	6.990	43	6591	6.521	ug/l #	85
26) 2,2-Dichloropropane	6.990	77	10842	1.988	ug/l	92
27) cis-1,2-Dichloroethene	6.996	96	8407	2.039	ug/l	84
28) Bromochloromethane	7.332	49	4080	Below Cal	#	68
29) Tetrahydrofuran	7.350	42	4600	7.001	ug/l #	78
30) Chloroform	7.509	83	12363	1.983	ug/l	98
31) Cyclohexane	7.789	56	15484	2.851	ug/l #	43
32) 1,1,1-Trichloroethane	7.698	97	11712	2.033	ug/l	95
36) 1,1-Dichloropropene	7.923	75	9432	1.883	ug/l	96
37) Ethyl Acetate	7.076	43	3339	1.427	ug/l #	92
38) Carbon Tetrachloride	7.905	117	10273	1.882	ug/l	94
39) Methylcyclohexane	9.185	83	12447	1.841	ug/l #	82
40) Benzene	8.161	78	27549	1.923	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	1933	1.646	ug/l #	42
42) 1,2-Dichloroethane	8.240	62	7203	1.793	ug/l	91
43) Isopropyl Acetate	8.277	43	6681	1.455	ug/l #	86
44) Trichloroethene	8.941	130	8041	1.941	ug/l	94
45) 1,2-Dichloropropane	9.216	63	6399	1.895	ug/l	100
46) Dibromomethane	9.313	93	3562	1.605	ug/l	93
47) Bromodichloromethane	9.502	83	8927	1.759	ug/l	96
48) Methyl methacrylate	9.295	41	2980	1.465	ug/l #	84
49) 1,4-Dioxane	9.301	88	499	16.910	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	15053	6.499	ug/l #	80
52) Toluene	10.246	92	18642	1.984	ug/l	93
53) t-1,3-Dichloropropene	10.471	75	8194	1.575	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	10305	1.750	ug/l #	85
55) 1,1,2-Trichloroethane	10.648	97	5182	1.691	ug/l	96
56) Ethyl methacrylate	10.514	69	5599	1.400	ug/l #	76
57) 1,3-Dichloropropane	10.795	76	8487	1.692	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	13408	8.094	ug/l	90
59) 2-Hexanone	10.831	43	10291	6.349	ug/l	83
60) Dibromochloromethane	10.990	129	5872	1.575	ug/l	98
61) 1,2-Dibromoethane	11.093	107	4709	1.543	ug/l	100
64) Tetrachloroethene	10.721	164	7106	2.009	ug/l	94
65) Chlorobenzene	11.520	112	19467	1.875	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	6823	1.781	ug/l	96
67) Ethyl Benzene	11.593	91	35491	1.950	ug/l	97
68) m/p-Xylenes	11.703	106	26722	3.693	ug/l	94
69) o-Xylene	12.032	106	12844	1.854	ug/l	96
70) Styrene	12.044	104	19934	1.757	ug/l	96
71) Bromoform	12.209	173	3178	1.374	ug/l #	93
73) Isopropylbenzene	12.331	105	34550	2.006	ug/l	99
74) N-amyl acetate	12.148	43	5667	1.497	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	5308	1.586	ug/l	93
76) 1,2,3-Trichloropropane	12.636	75	6819	2.681	ug/l #	100
77) Bromobenzene	12.611	156	7534	1.907	ug/l	94
78) n-propylbenzene	12.672	91	40884	2.013	ug/l	100
79) 2-Chlorotoluene	12.758	91	23385	2.075	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	27482	1.948	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.483	75	102808	90.187	ug/l #	7
82) 4-Chlorotoluene	12.861	91	23716	2.051	ug/l	99
83) tert-Butylbenzene	13.075	119	25576	2.035	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	26544	1.932	ug/l	97
85) sec-Butylbenzene	13.258	105	37249	2.008	ug/l	100
86) p-Isopropyltoluene	13.373	119	30388	1.968	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	15067	1.924	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	15038	1.925	ug/l	83
89) n-Butylbenzene	13.696	91	28368	1.997	ug/l	99
90) Hexachloroethane	13.965	117	5735	1.917	ug/l	77
91) 1,2-Dichlorobenzene	13.745	146	12976	1.882	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	780	1.460	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	7672	1.857	ug/l	98
94) Hexachlorobutadiene	15.117	225	4241	1.941	ug/l	97
95) Naphthalene	15.239	128	14358	1.573	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	6766	1.893	ug/l	93

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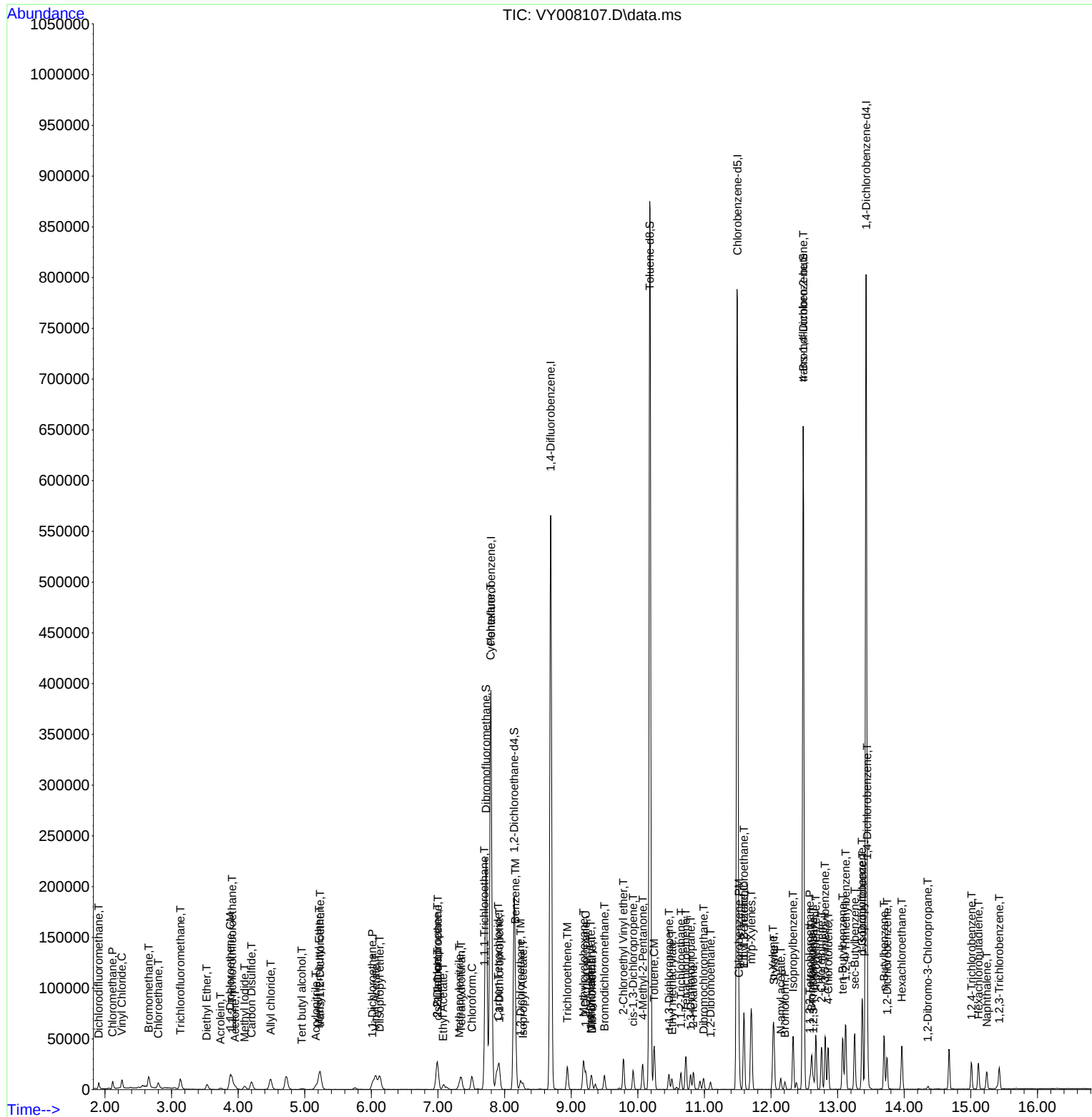
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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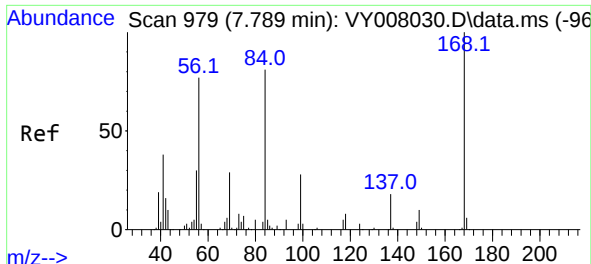
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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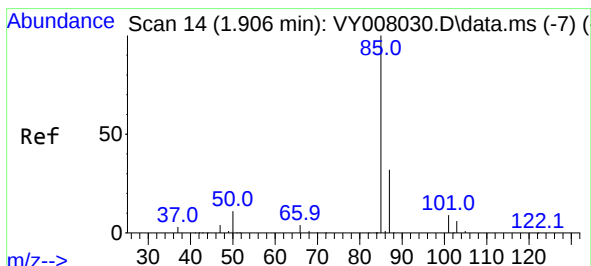
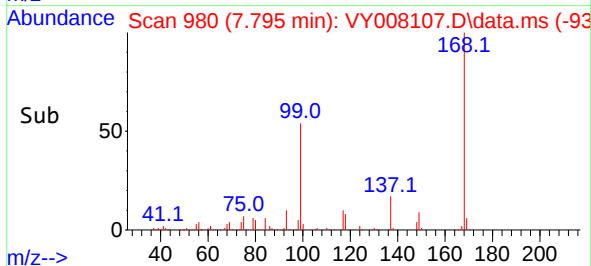
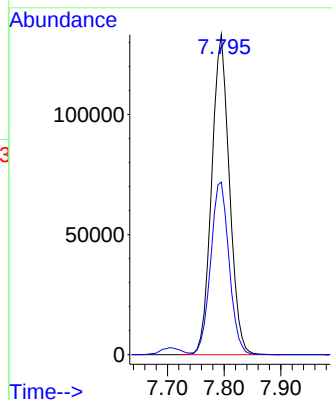
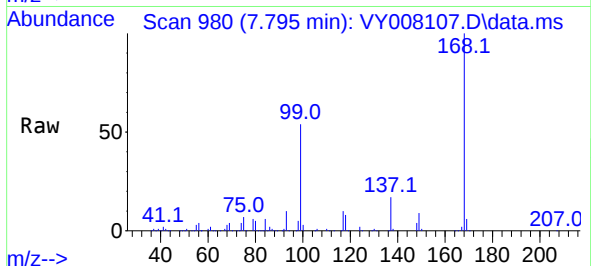




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
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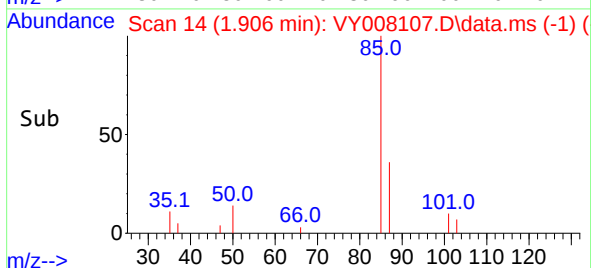
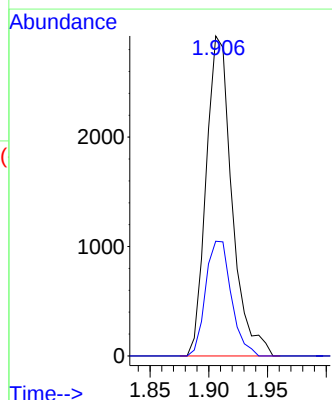
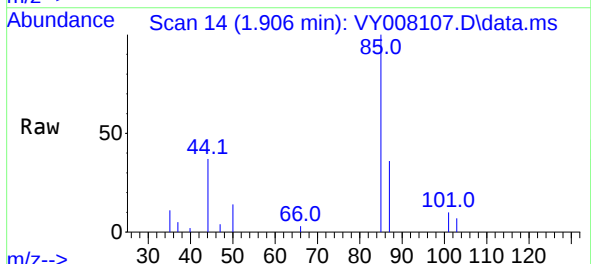
Instrument :
MSVOA_Y
ClientSampleId :
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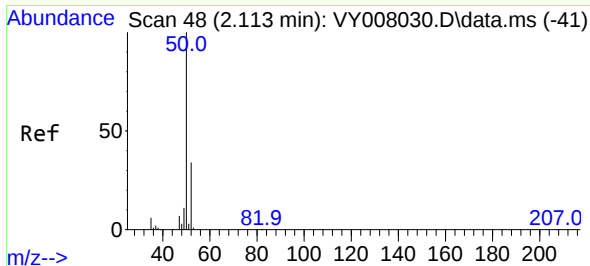
Tgt Ion:168 Resp: 289602
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.708 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 85 Resp: 4458
Ion Ratio Lower Upper
85 100
87 35.9 16.1 48.2

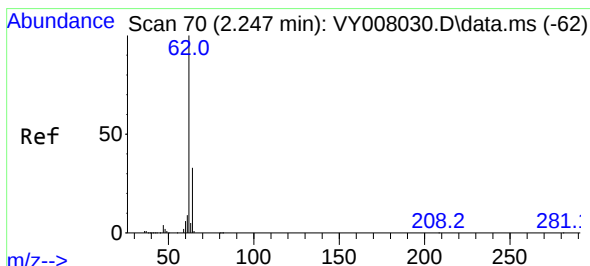
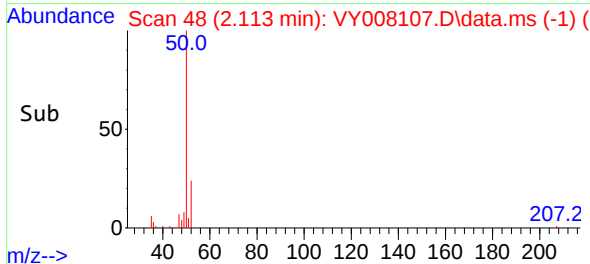
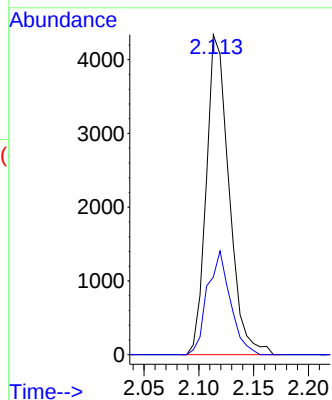
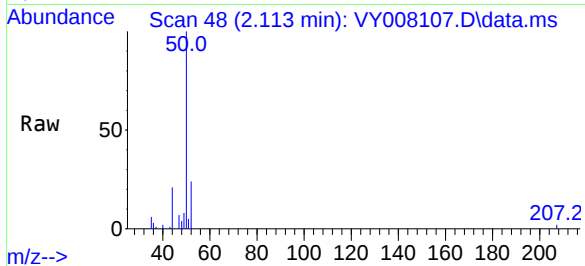




#3
Chloromethane
Concen: 1.969 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

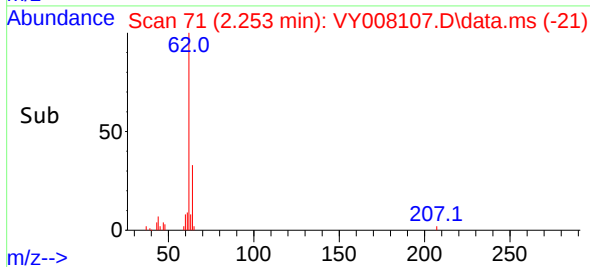
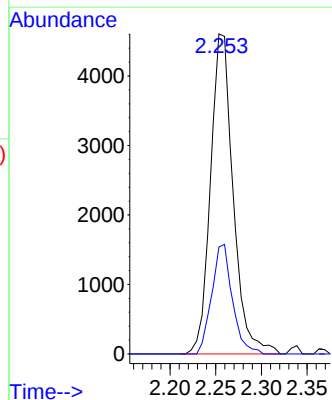
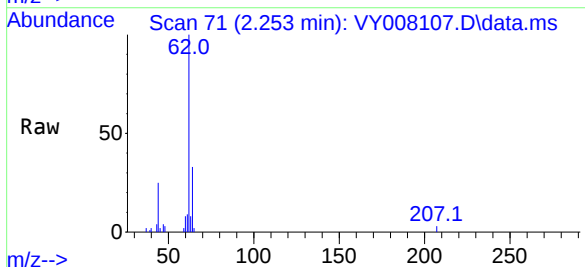
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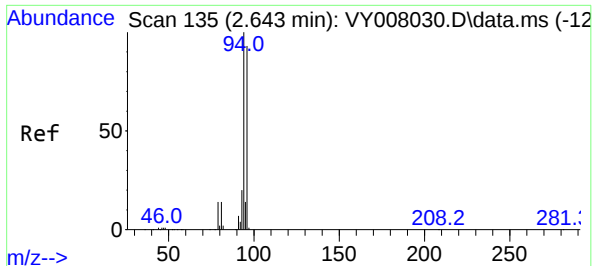
Tgt Ion: 50 Resp: 6259
Ion Ratio Lower Upper
50 100
52 24.3 24.6 37.0#



#4
Vinyl Chloride
Concen: 1.881 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 62 Resp: 7956
Ion Ratio Lower Upper
62 100
64 33.4 25.0 37.6

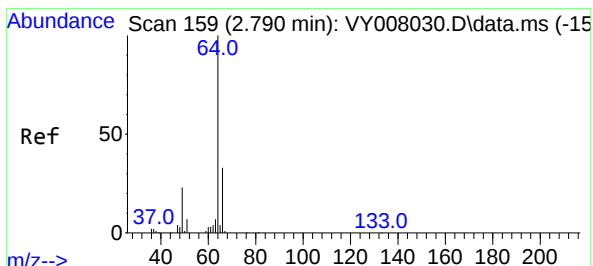
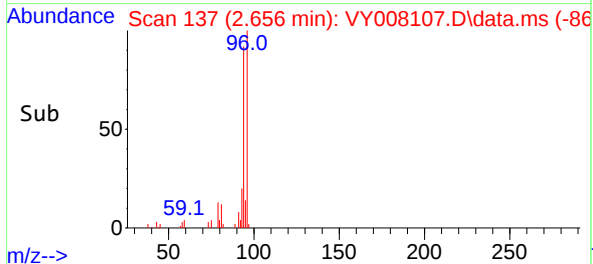
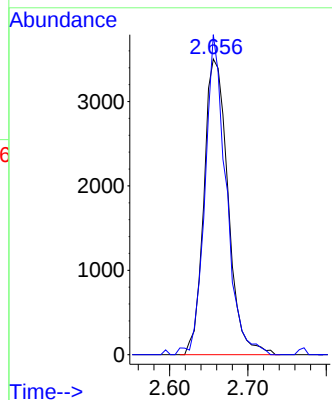
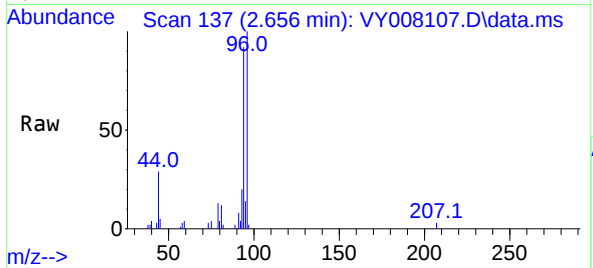




#5
Bromomethane
Concen: 2.159 ug/l
RT: 2.656 min Scan# 111
Delta R.T. 0.013 min
Lab File: VY008107.D
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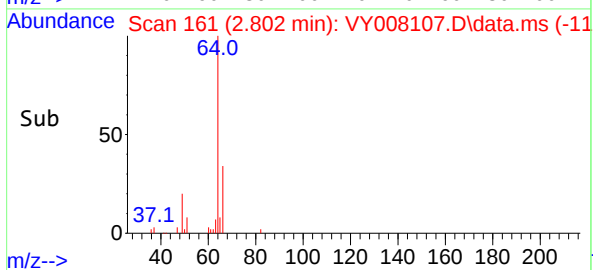
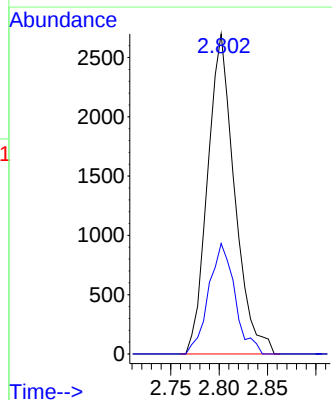
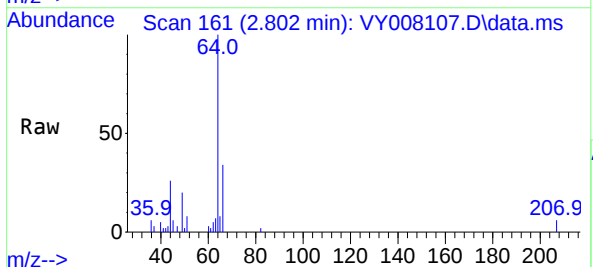
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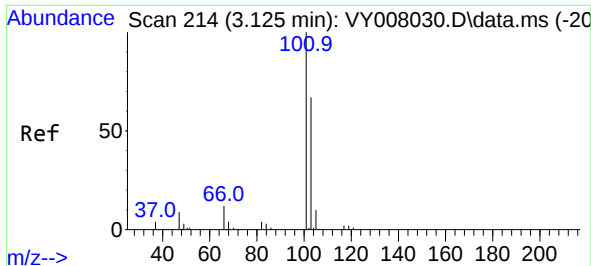
Tgt Ion: 94 Resp: 7484
Ion Ratio Lower Upper
94 100
96 108.2 73.5 110.3



#6
Chloroethane
Concen: 1.882 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 64 Resp: 5236
Ion Ratio Lower Upper
64 100
66 34.5 25.4 38.0

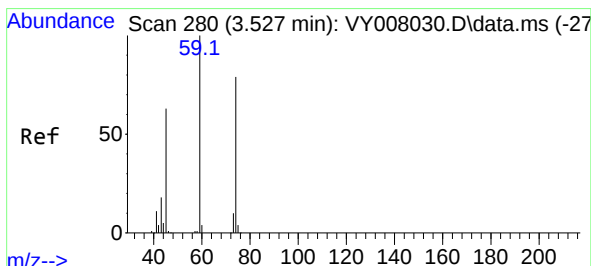
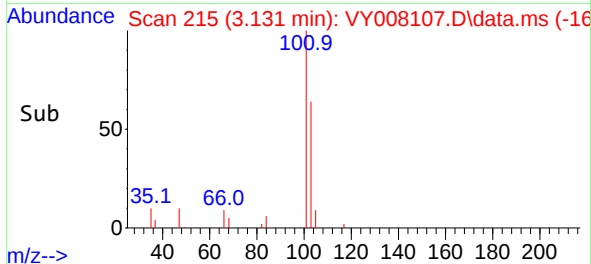
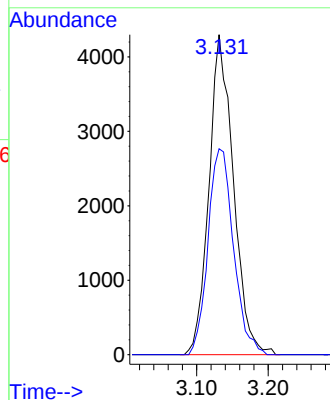
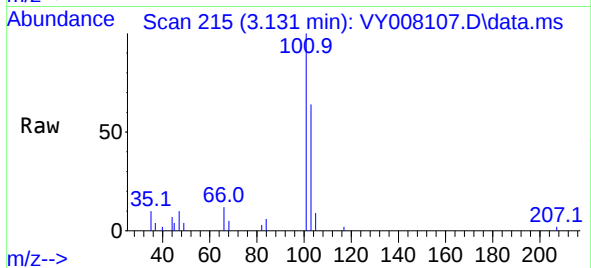




#7
Trichlorofluoromethane
Concen: 1.907 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

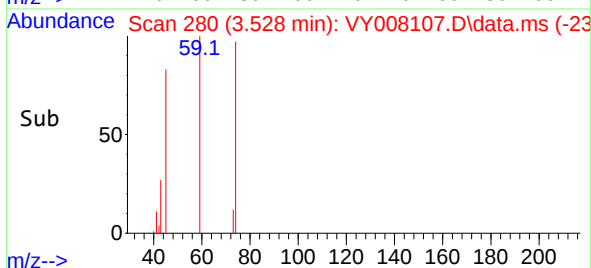
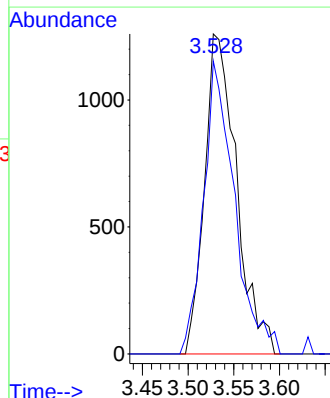
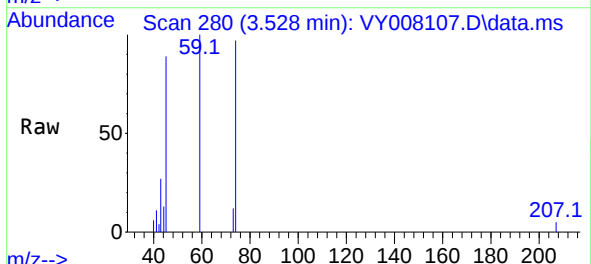
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Tgt Ion:101 Resp: 10203
Ion Ratio Lower Upper
101 100
103 64.4 48.0 72.0

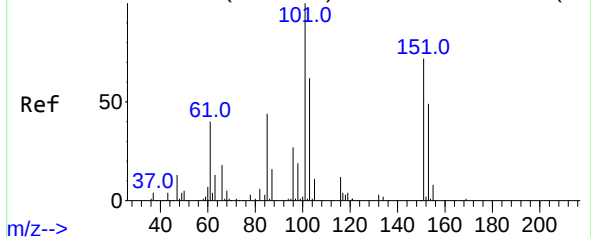


#8
Diethyl Ether
Concen: 1.765 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY008107.D
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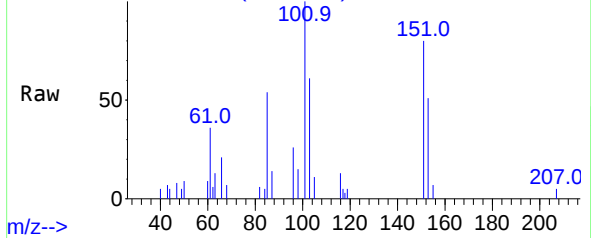
Tgt Ion: 74 Resp: 3059
Ion Ratio Lower Upper
74 100
45 88.7 55.1 165.5



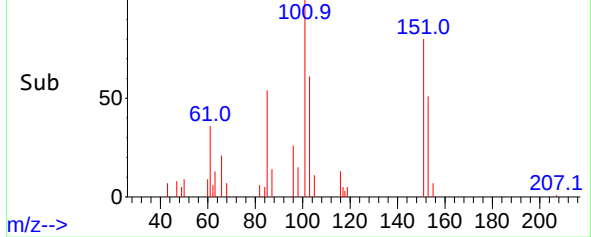
Abundance Scan 341 (3.899 min): VY008030.D\data.ms (-32



m/z--> Scan 343 (3.912 min): VY008107.D\data.ms

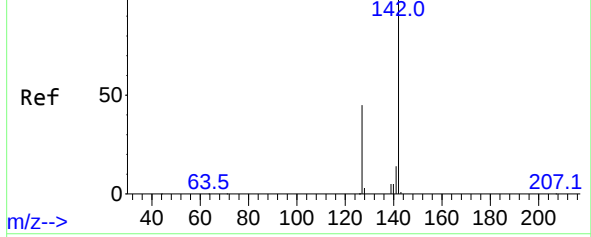


Abundance Scan 343 (3.912 min): VY008107.D\data.ms (-29

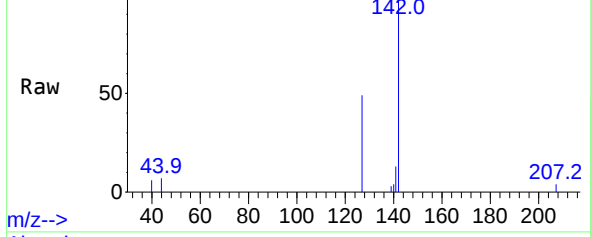


m/z-->

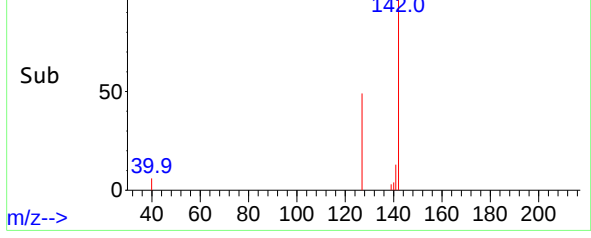
Abundance Scan 372 (4.088 min): VY008030.D\data.ms (-36



m/z--> Scan 373 (4.095 min): VY008107.D\data.ms



Abundance Scan 373 (4.095 min): VY008107.D\data.ms (-32

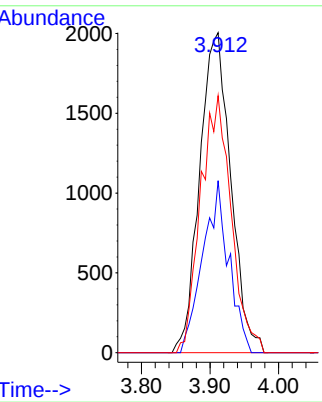


m/z-->

#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.904 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

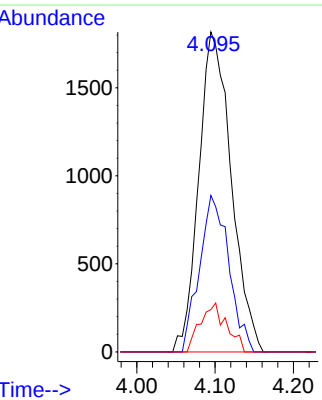
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

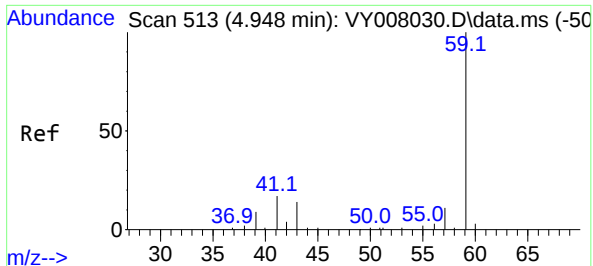
Tgt Ion:101	Resp:	6321
Ion	Ratio	Lower Upper
101	100	
85	44.7	40.6 60.8
151	79.1	64.9 97.3



#10
Methyl Iodide
Concen: 3.000 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:142	Resp:	5228
Ion	Ratio	Lower Upper
142	100	
127	44.3	41.5 62.3
141	12.4	11.9 17.9

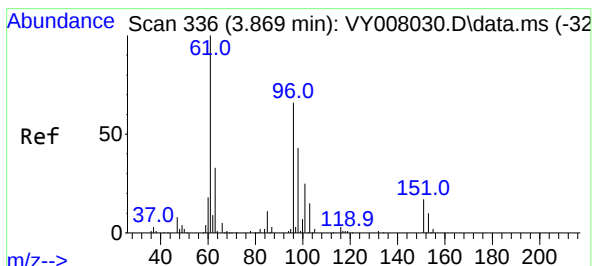
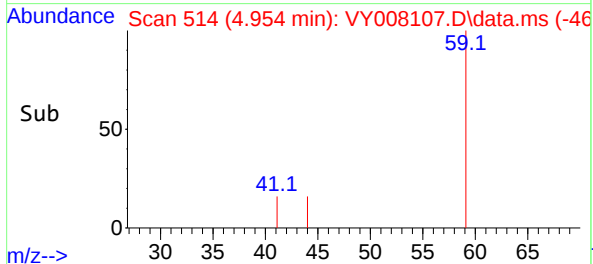
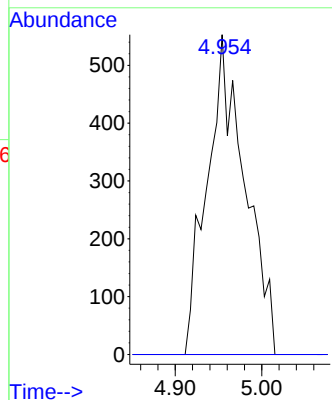
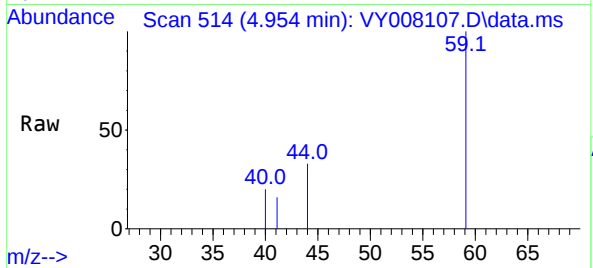




#11
Tert butyl alcohol
Concen: 5.563 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

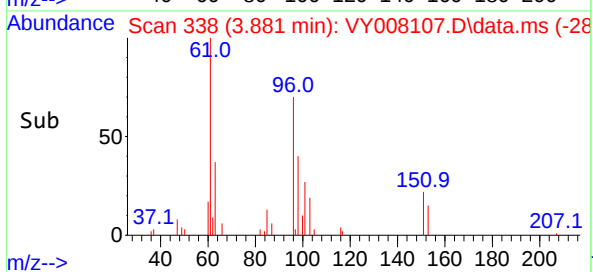
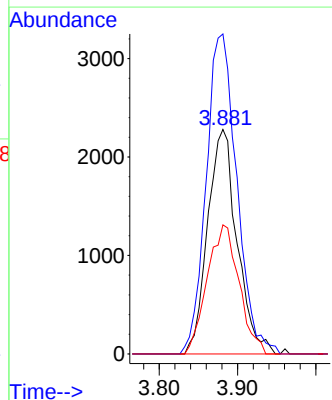
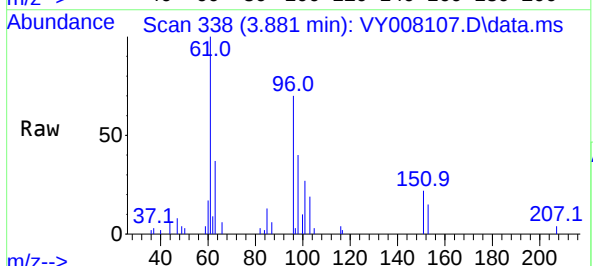
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

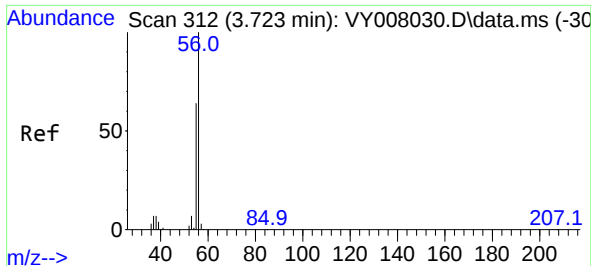
Tgt Ion: 59 Resp: 1677
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 1.937 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 96 Resp: 5951
Ion Ratio Lower Upper
96 100
61 142.6 145.8 218.6#
98 57.5 52.5 78.7

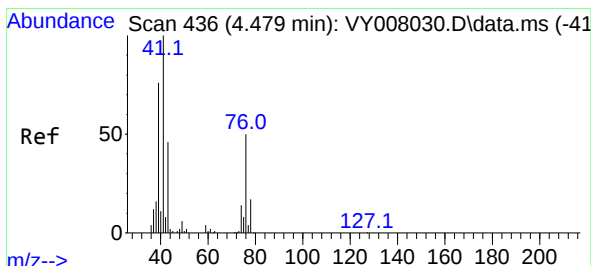
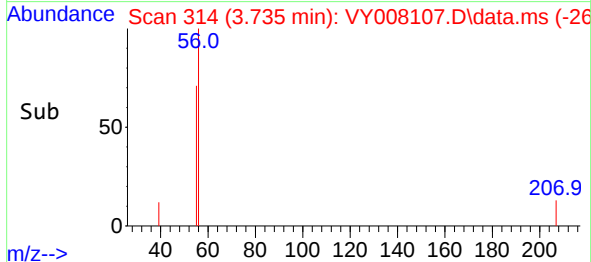
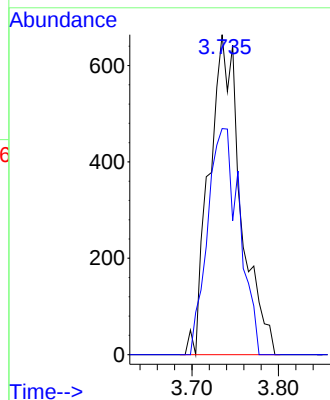
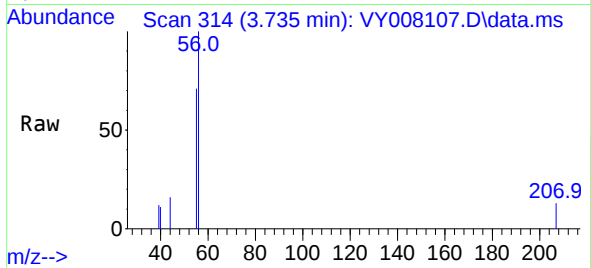




#13
Acrolein
Concen: 6.863 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

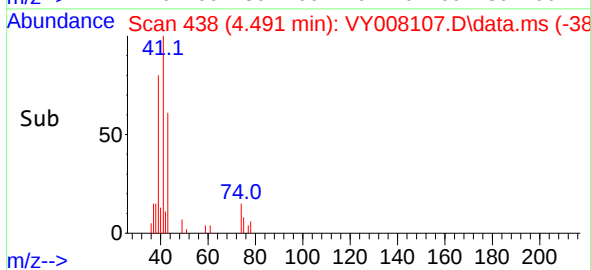
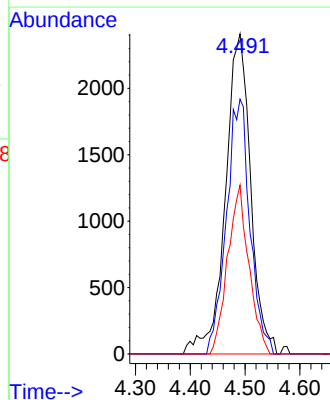
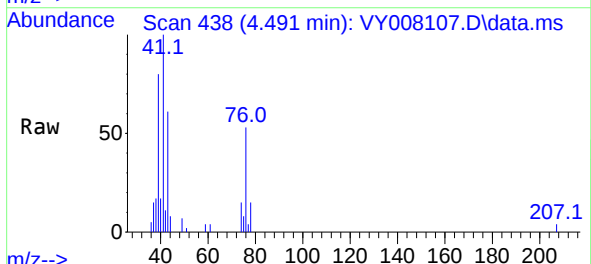
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

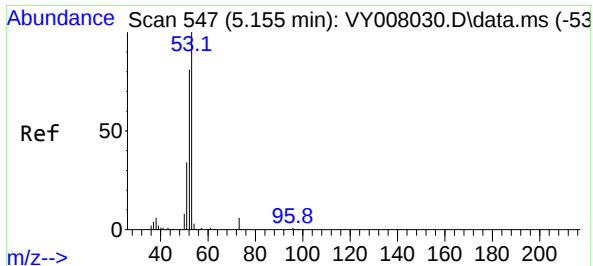
Tgt Ion: 56 Resp: 1684
Ion Ratio Lower Upper
56 100
55 71.3 57.6 86.4



#14
Allyl chloride
Concen: 1.908 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 41 Resp: 7713
Ion Ratio Lower Upper
41 100
39 74.4 58.8 88.2
76 44.3 25.1 37.7#

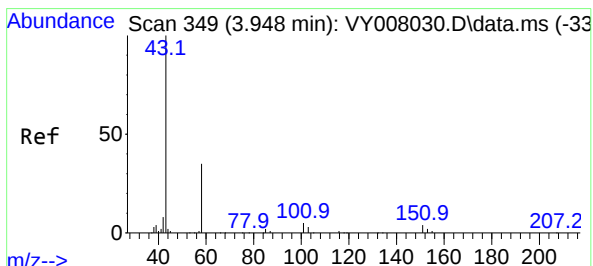
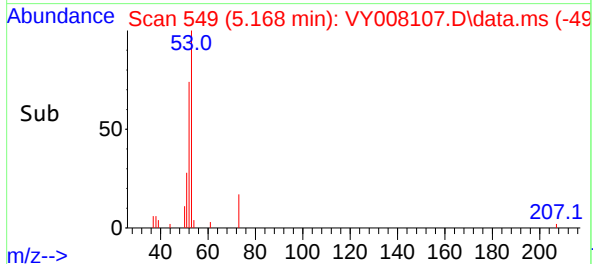
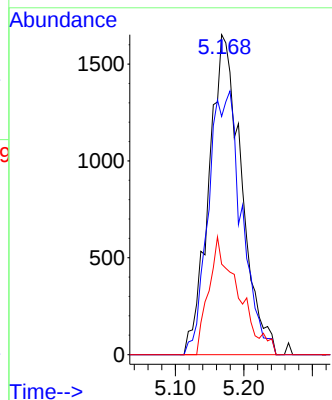
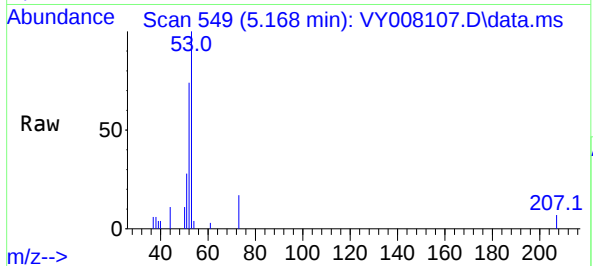




#15
Acrylonitrile
Concen: 6.587 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

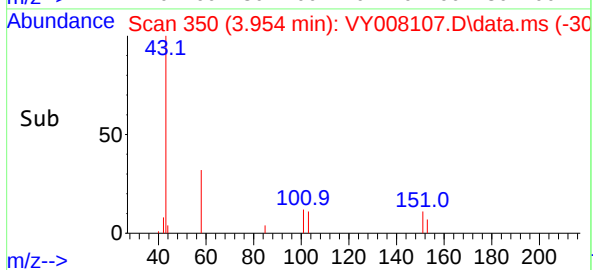
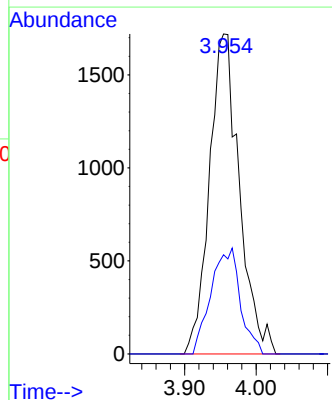
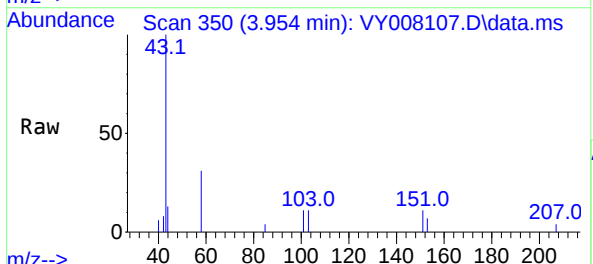
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

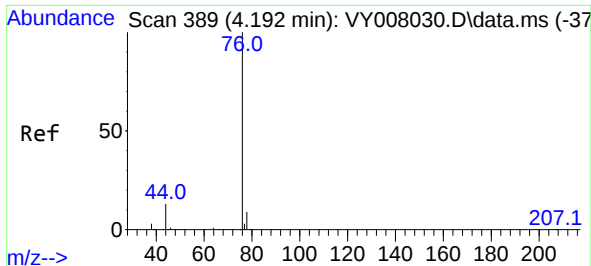
Tgt Ion:	53	Resp:	5437
Ion	Ratio	Lower	Upper
53	100		
52	85.0	67.0	100.4
51	33.8	29.8	44.6



#16
Acetone
Concen: 7.511 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:	43	Resp:	4988
Ion	Ratio	Lower	Upper
43	100		
58	31.0	22.0	33.0

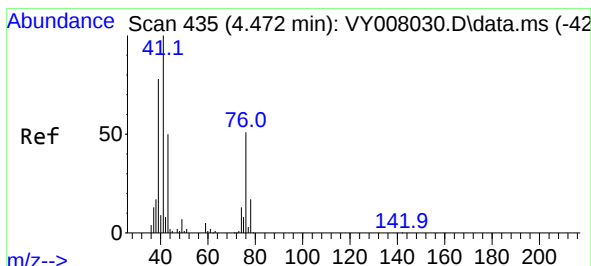
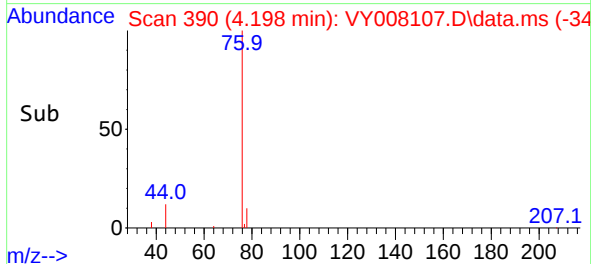
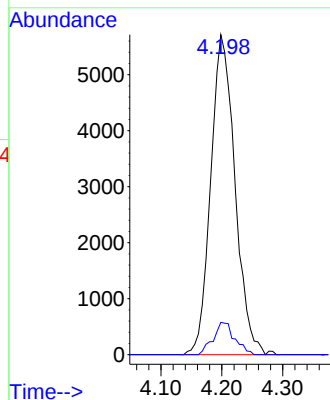
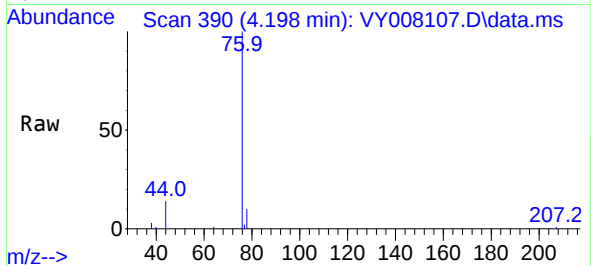




#17
Carbon Disulfide
Concen: 1.817 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

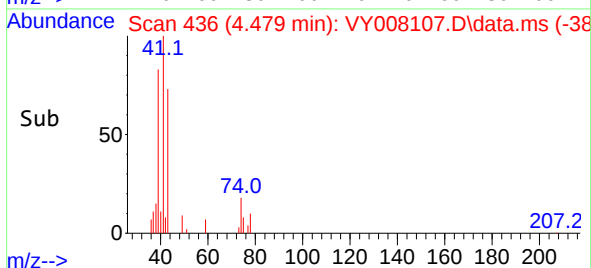
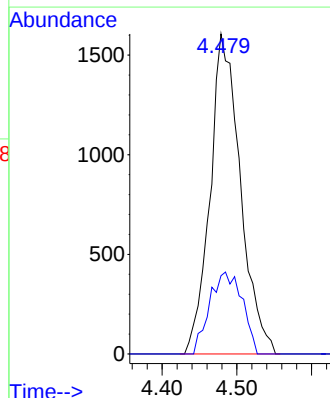
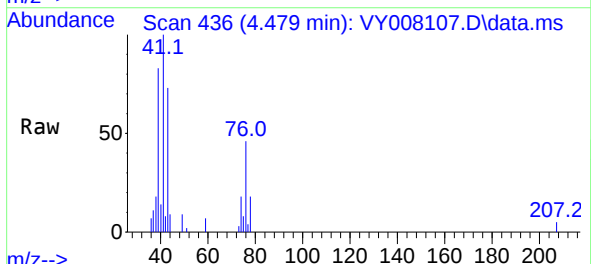
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

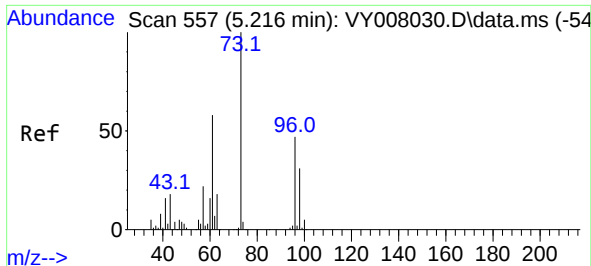
Tgt Ion: 76 Resp: 15820
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 43 Resp: 4529
Ion Ratio Lower Upper
43 100
74 27.5 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 1.704 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

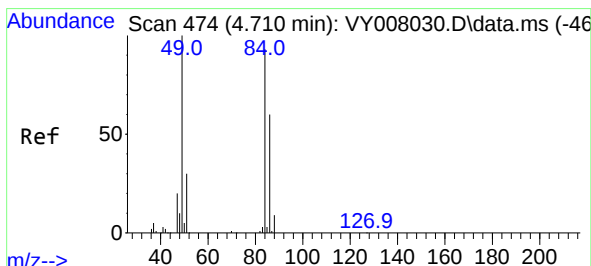
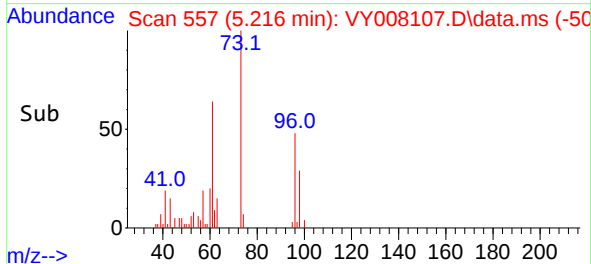
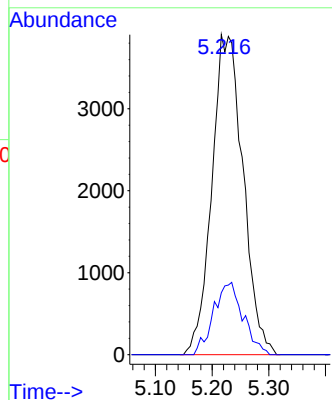
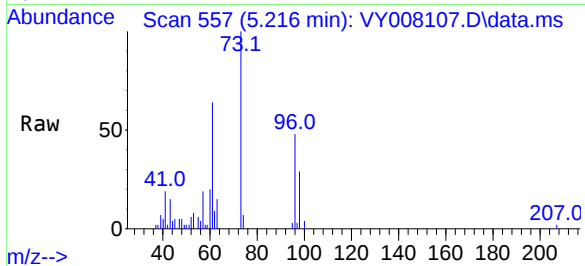
MDL-SOIL-03-QT1-2022

Tgt Ion: 73 Resp: 14882

Ion Ratio Lower Upper

73 100

57 19.3 18.6 27.8



#20

Methylene Chloride

Concen: Below Cal

RT: 4.729 min Scan# 477

Delta R.T. 0.019 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

Tgt Ion: 84 Resp: 11026

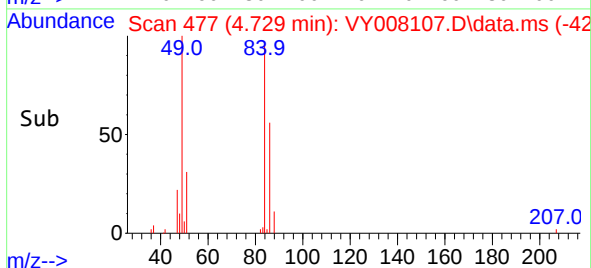
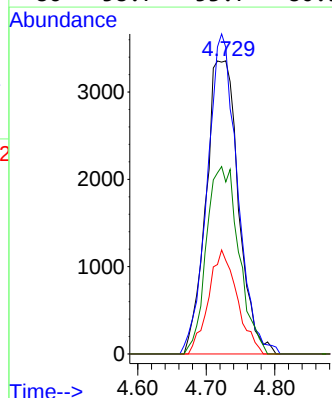
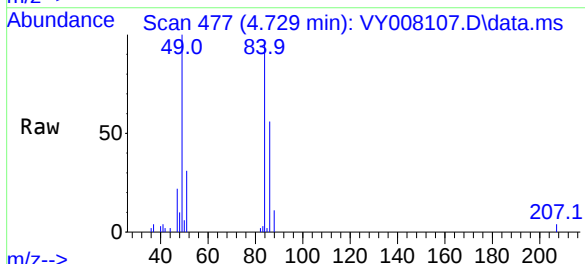
Ion Ratio Lower Upper

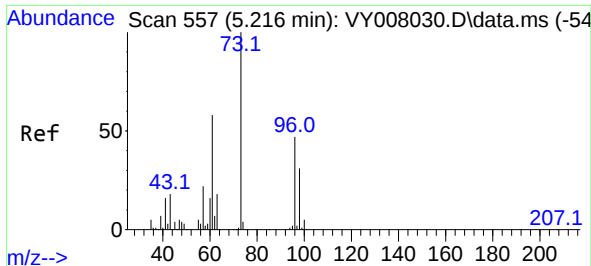
84 100

49 104.6 114.4 171.6#

51 31.9 35.3 52.9#

86 58.7 53.7 80.5

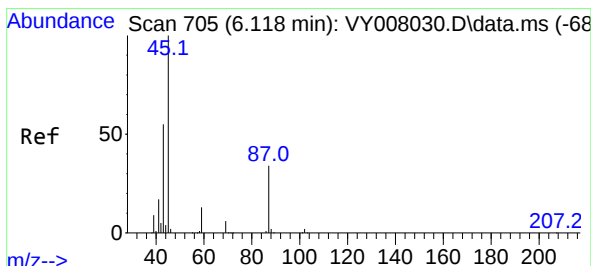
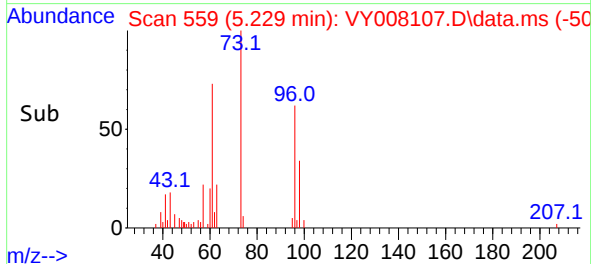
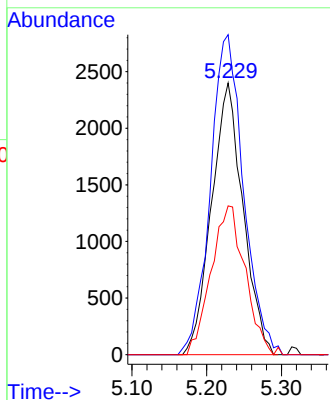
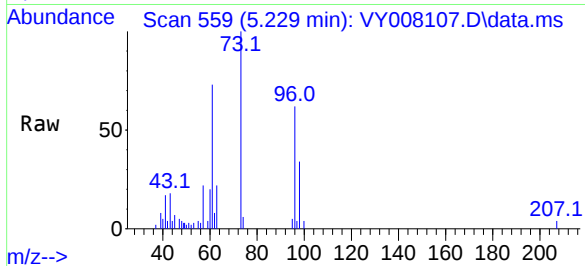




#21
trans-1,2-Dichloroethene
Concen: 1.975 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

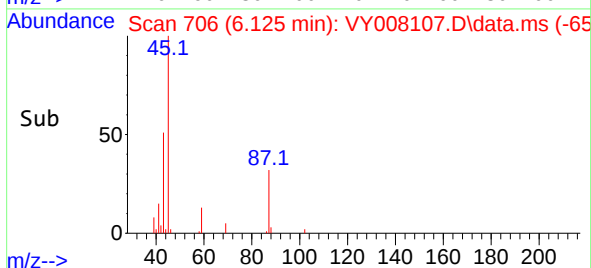
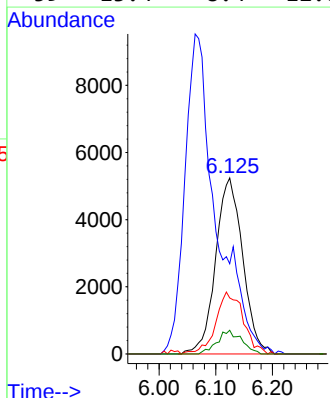
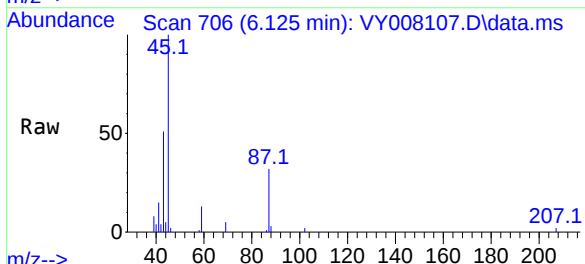
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

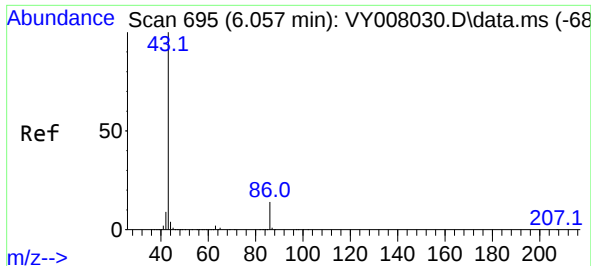
Tgt Ion: 96 Resp: 7025
Ion Ratio Lower Upper
96 100
61 117.8 120.5 180.7#
98 54.8 49.8 74.8



#22
Diisopropyl ether
Concen: 1.998 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 45 Resp: 17382
Ion Ratio Lower Upper
45 100
43 49.6 49.3 73.9
87 31.8 19.2 28.8#
59 13.4 8.4 12.6#

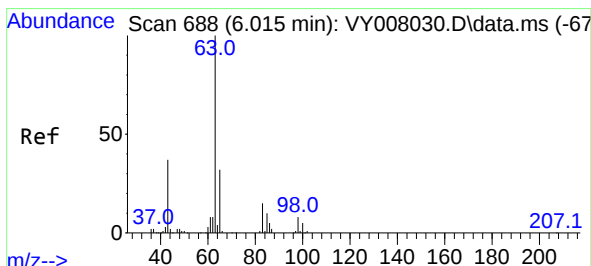
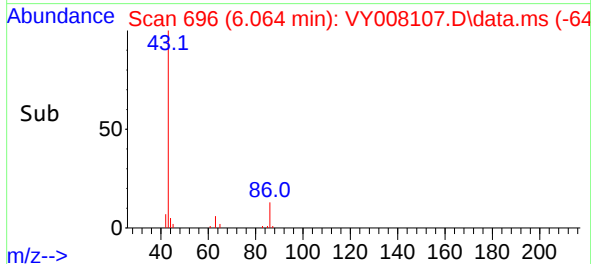
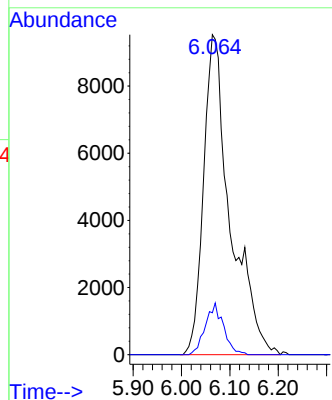
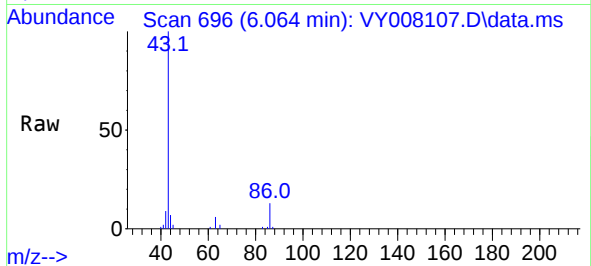




#23
Vinyl Acetate
Concen: 6.792 ug/l
RT: 6.064 min Scan# 696
Delta R.T. 0.007 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

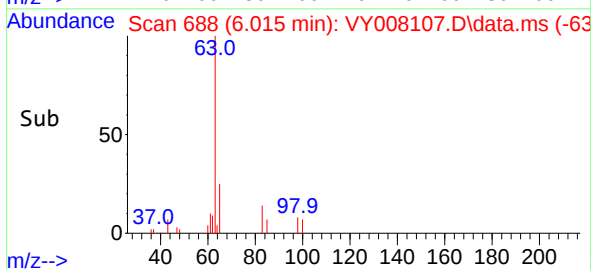
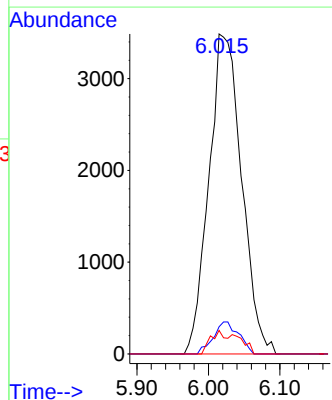
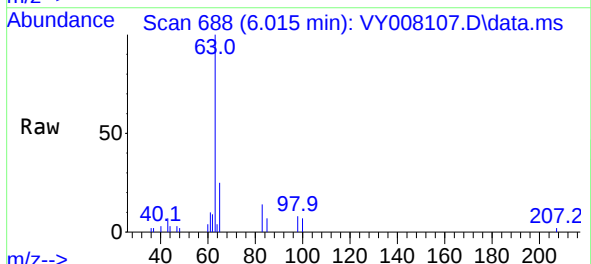
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

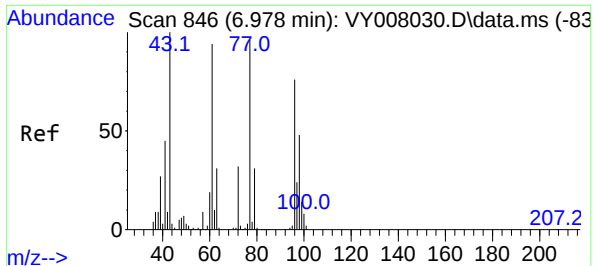
Tgt Ion: 43 Resp: 36603
Ion Ratio Lower Upper
43 100
86 13.1 7.1 10.7#



#24
1,1-Dichloroethane
Concen: 1.927 ug/l
RT: 6.015 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 63 Resp: 11093
Ion Ratio Lower Upper
63 100
98 8.5 3.6 10.8
100 7.3 2.0 5.8#

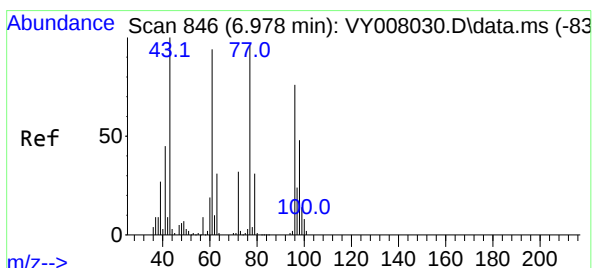
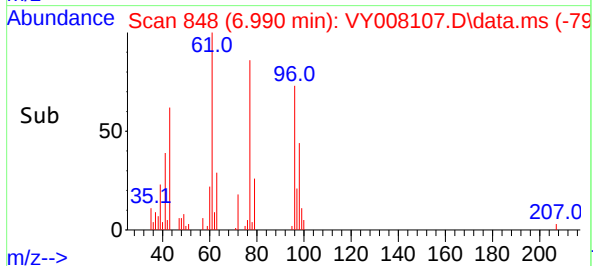
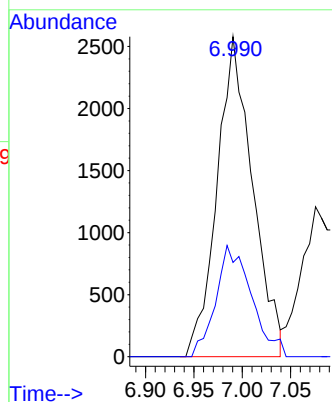
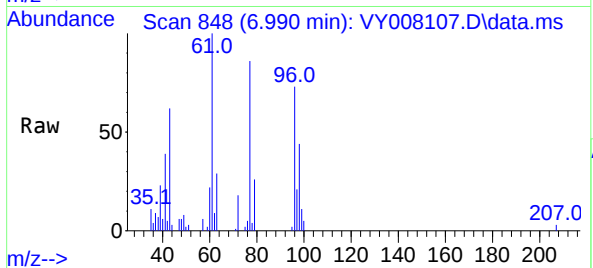




#25
2-Butanone
Concen: 6.521 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

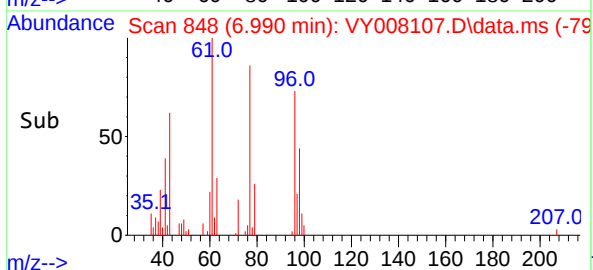
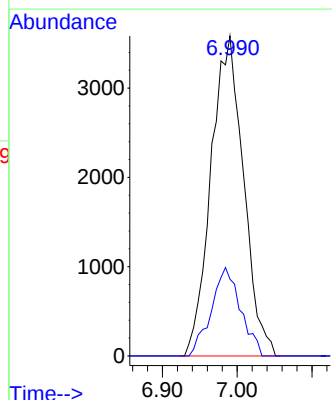
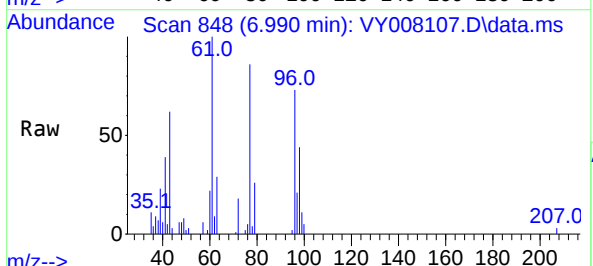
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

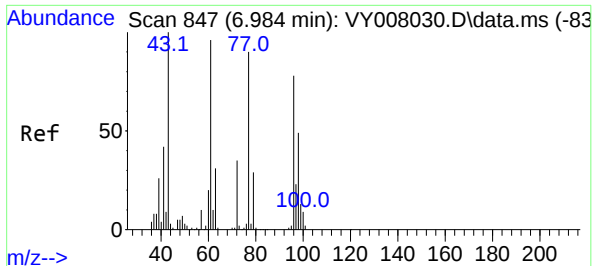
Tgt Ion: 43 Resp: 6591
Ion Ratio Lower Upper
43 100
72 29.5 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 1.988 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 77 Resp: 10842
Ion Ratio Lower Upper
77 100
97 24.9 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 2.039 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

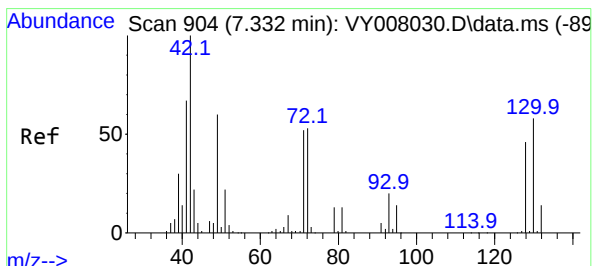
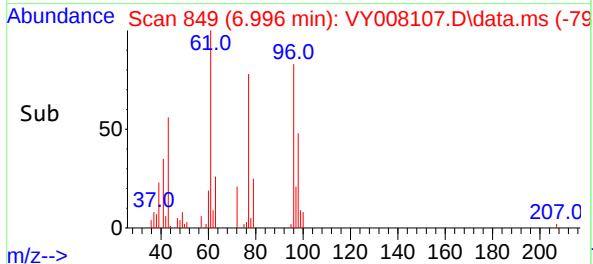
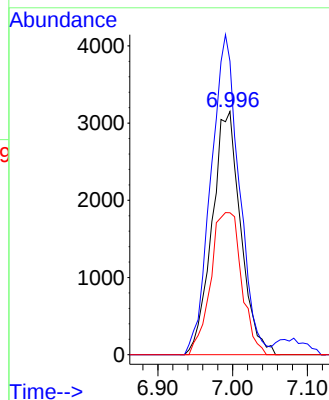
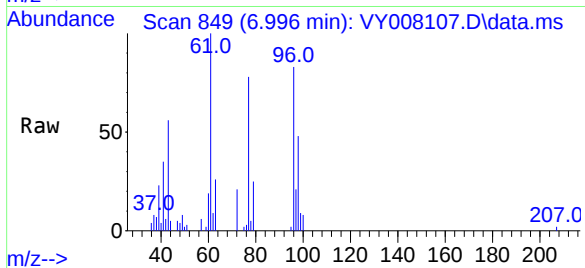
Tgt Ion: 96 Resp: 8407

Ion Ratio Lower Upper

96 100

61 130.1 0.0 319.8

98 62.8 0.0 127.0



#28

Bromochloromethane

Concen: Below Cal

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

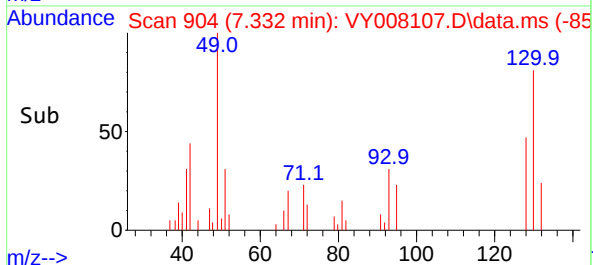
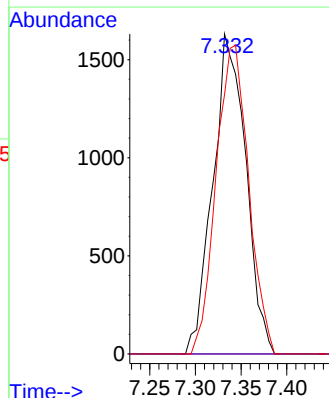
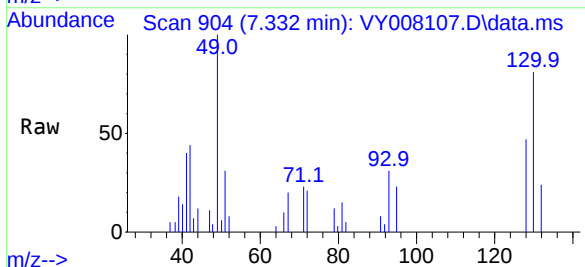
Tgt Ion: 49 Resp: 4080

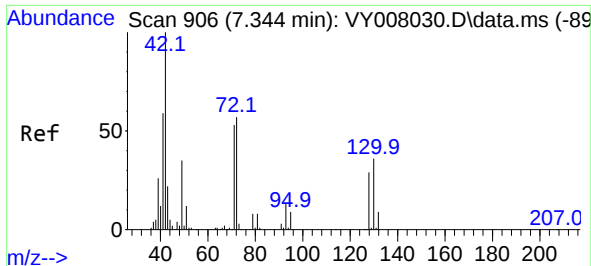
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 95.6 55.4 83.0#





#29

Tetrahydrofuran

Concen: 7.001 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

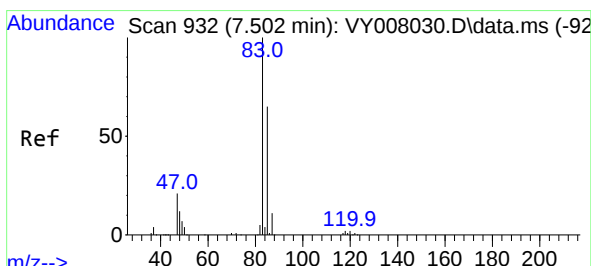
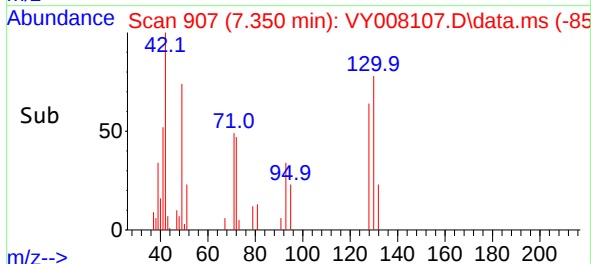
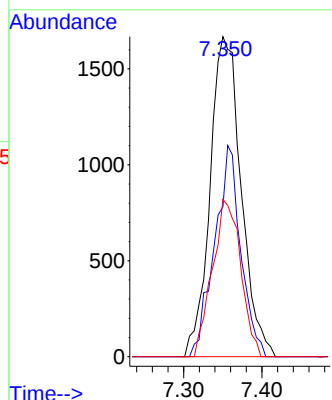
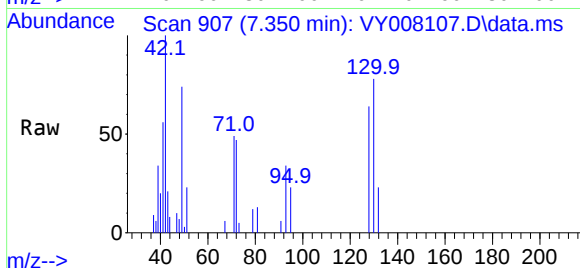
Tgt Ion: 42 Resp: 4600

Ion Ratio Lower Upper

42 100

72 55.3 30.3 45.5#

71 44.7 29.0 43.4#



#30

Chloroform

Concen: 1.983 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY008107.D

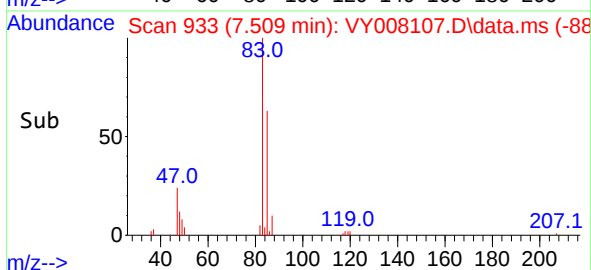
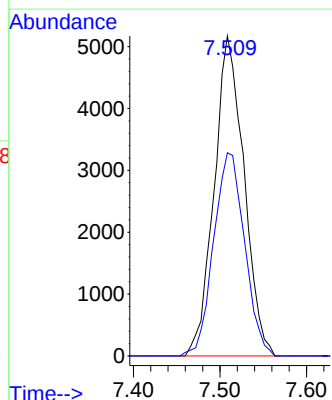
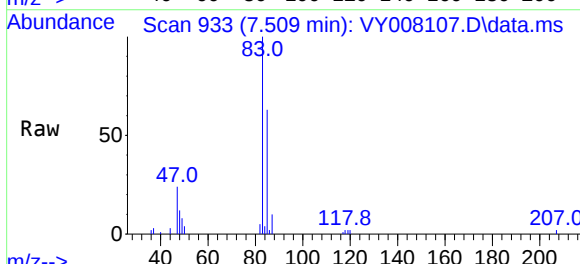
Acq: 30 Mar 2022 13:44

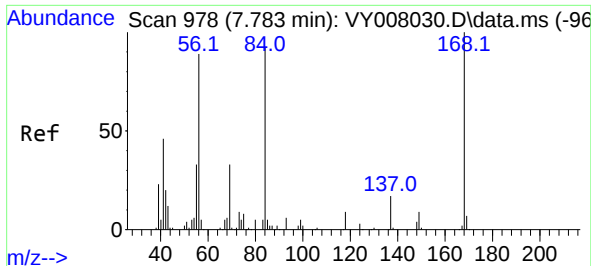
Tgt Ion: 83 Resp: 12363

Ion Ratio Lower Upper

83 100

85 63.5 51.8 77.6

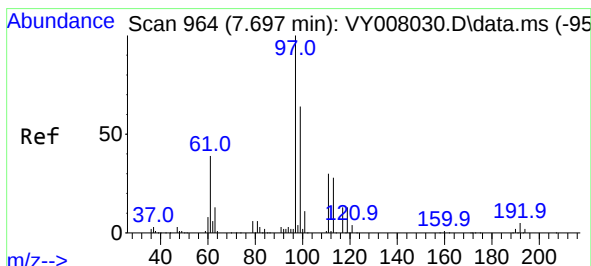
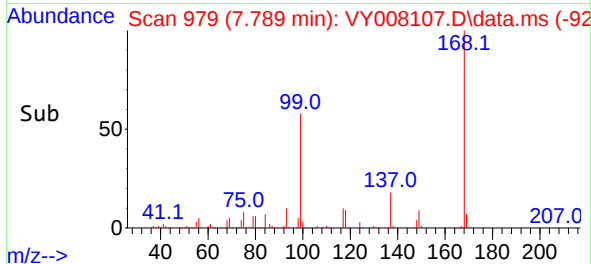
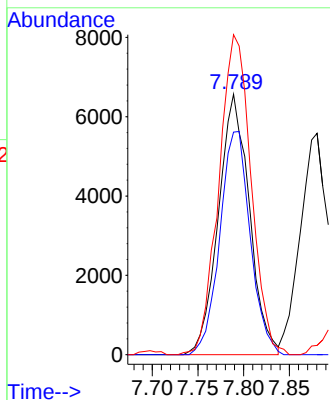
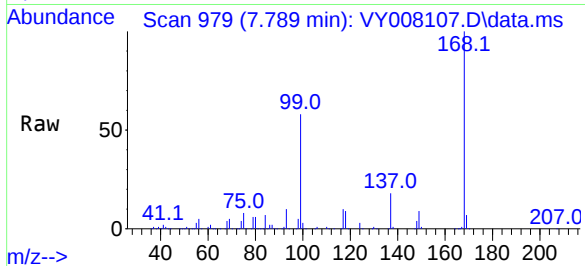




#31
Cyclohexane
Concen: 2.851 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

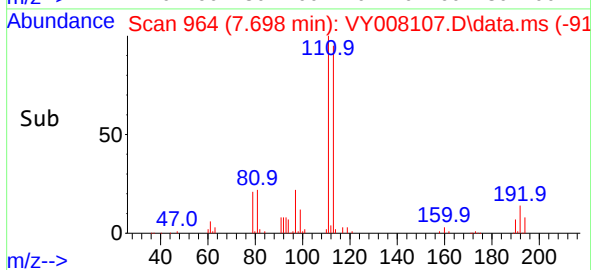
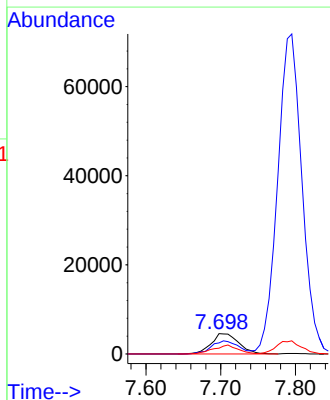
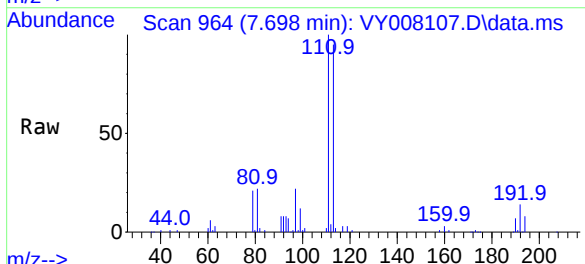
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

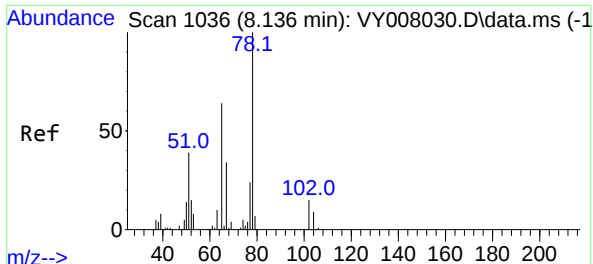
Tgt Ion: 56 Resp: 15484
Ion Ratio Lower Upper
56 100
69 85.4 26.7 40.1#
84 122.9 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 2.033 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 97 Resp: 11712
Ion Ratio Lower Upper
97 100
99 63.5 50.7 76.1
61 39.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 46.449 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

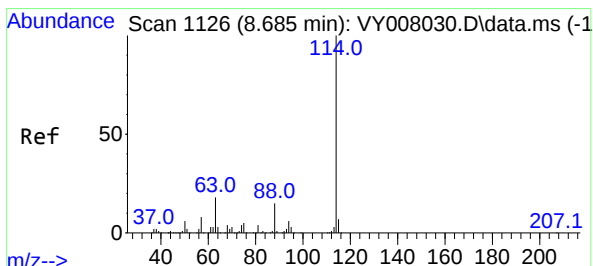
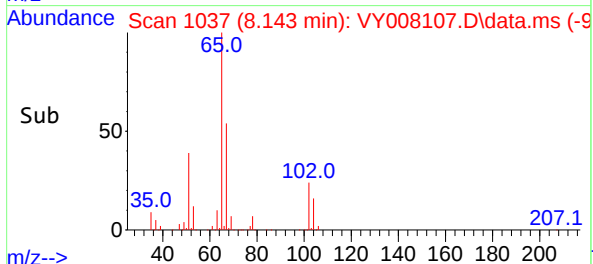
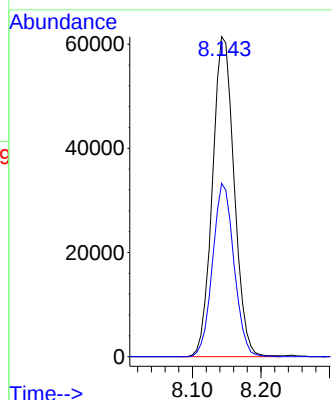
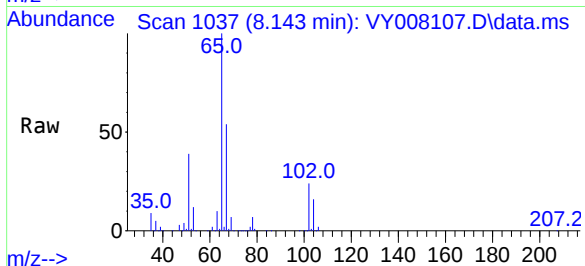
MDL-SOIL-03-QT1-2022

Tgt Ion: 65 Resp: 134961

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: VY008107.D

Acq: 30 Mar 2022 13:44

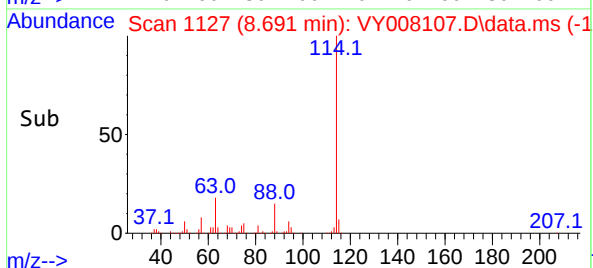
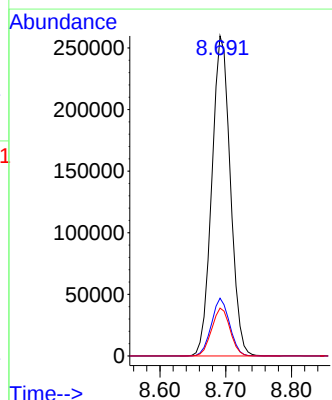
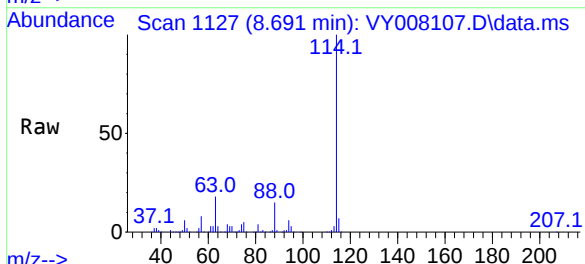
Tgt Ion:114 Resp: 508482

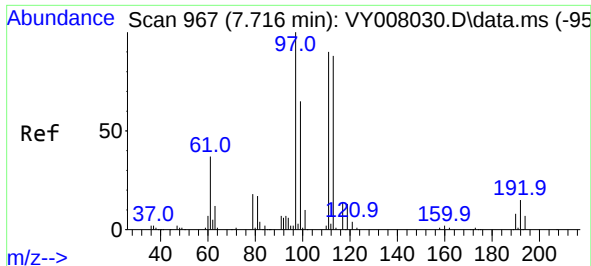
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.9 0.0 31.8

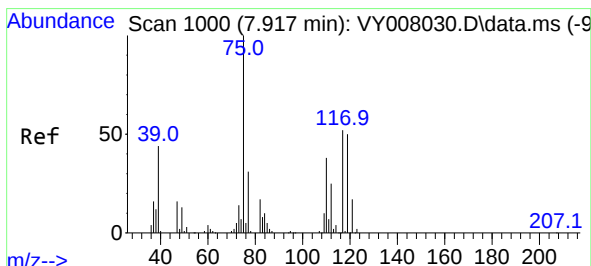
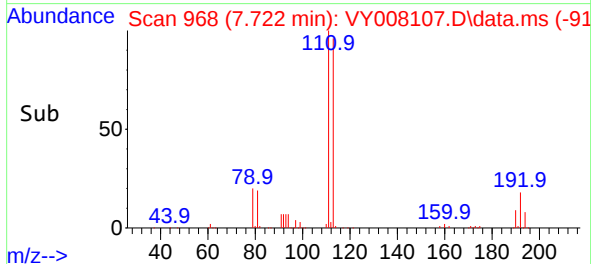
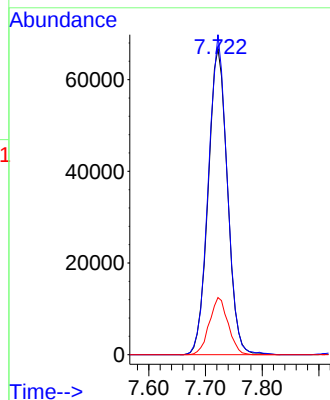
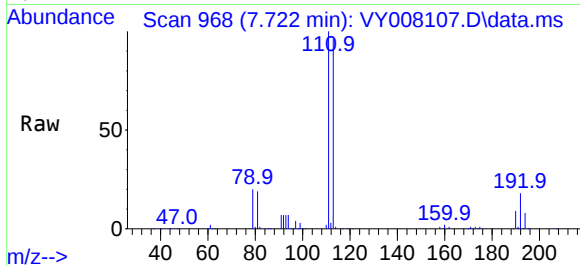




#35
Dibromofluoromethane
Concen: 49.345 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

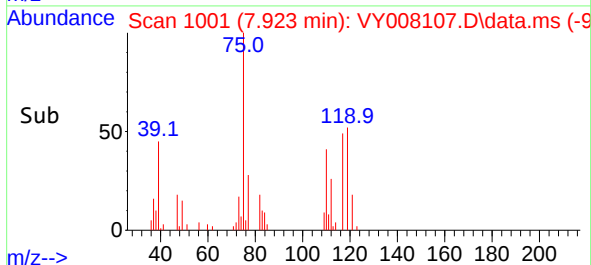
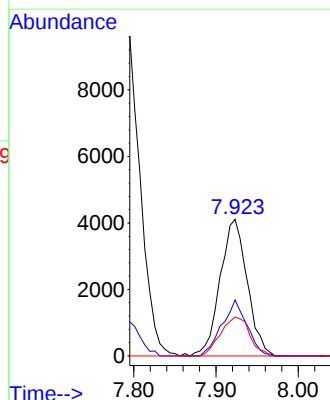
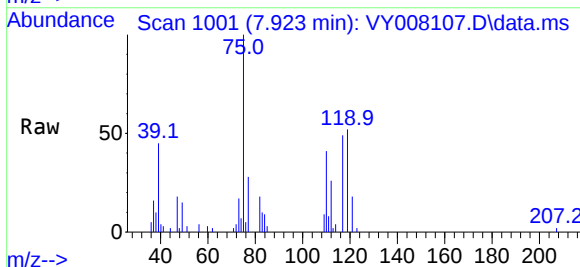
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

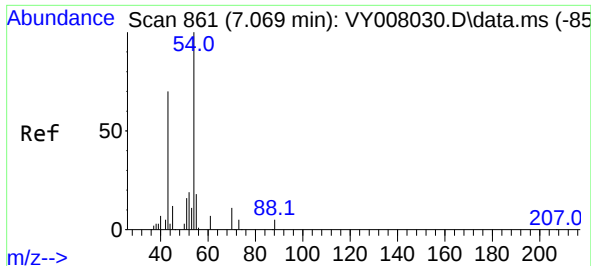
Tgt Ion:113 Resp: 157314
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 18.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 1.883 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 75 Resp: 9432
Ion Ratio Lower Upper
75 100
110 37.8 17.1 51.2
77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 1.427 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.007 min

Lab File: VY008107.D

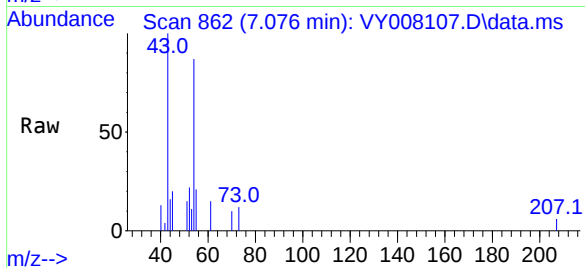
Acq: 30 Mar 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022



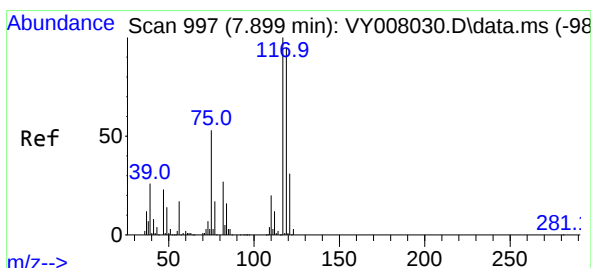
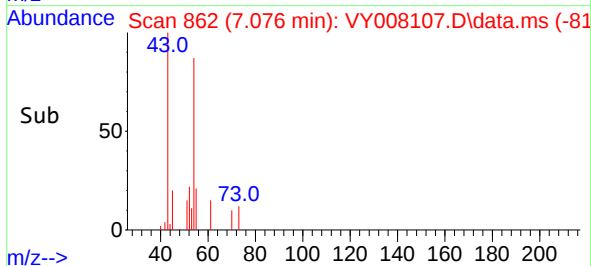
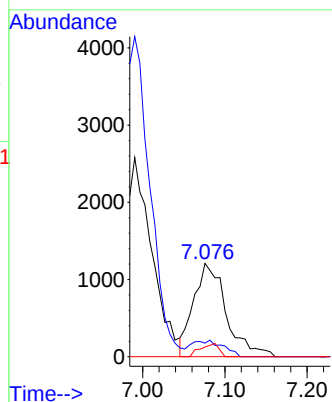
Tgt Ion: 43 Resp: 3339

Ion Ratio Lower Upper

43 100

61 16.7 9.7 14.5#

70 7.9 7.1 10.7



#38

Carbon Tetrachloride

Concen: 1.882 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

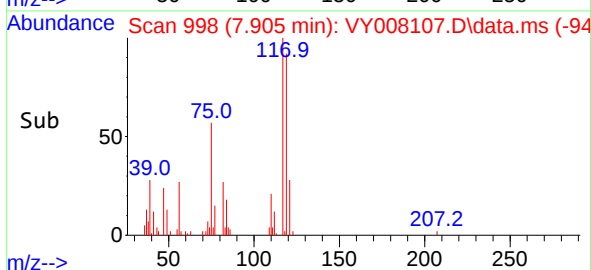
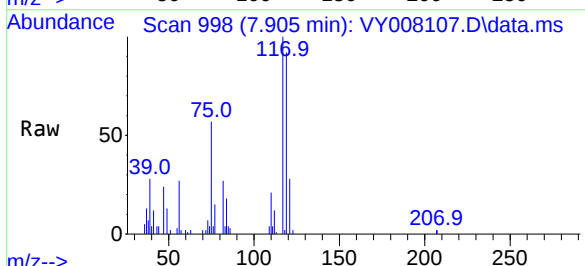
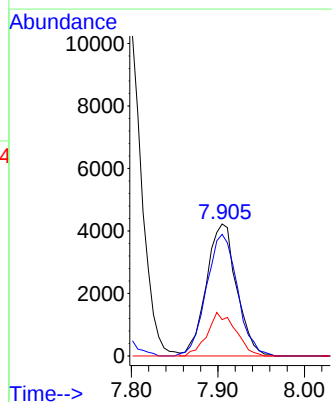
Tgt Ion: 117 Resp: 10273

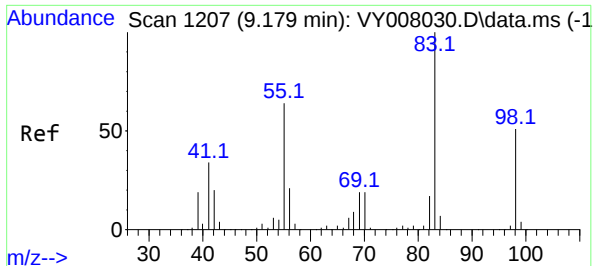
Ion Ratio Lower Upper

117 100

119 92.1 77.9 116.9

121 27.5 24.8 37.2





#39

Methylcyclohexane

Concen: 1.841 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

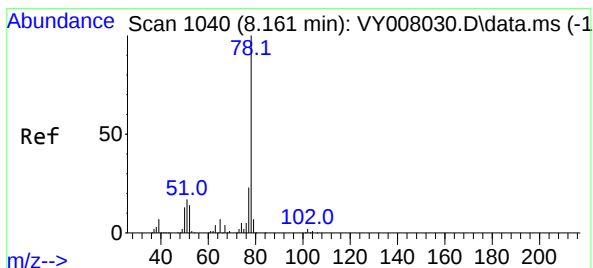
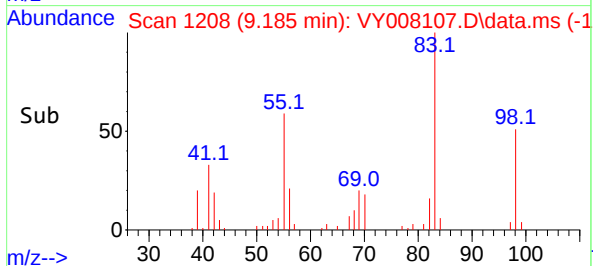
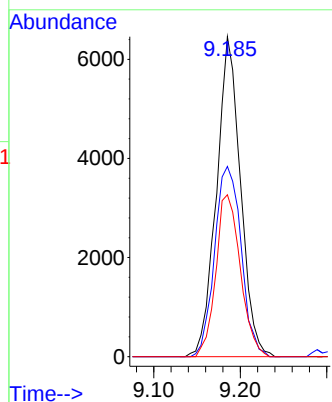
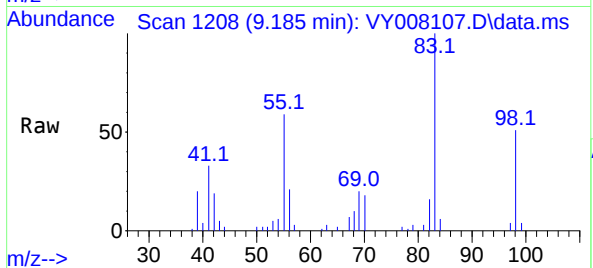
Tgt Ion: 83 Resp: 12447

Ion Ratio Lower Upper

83 100

55 59.5 66.5 99.7#

98 50.6 37.9 56.9



#40

Benzene

Concen: 1.923 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY008107.D

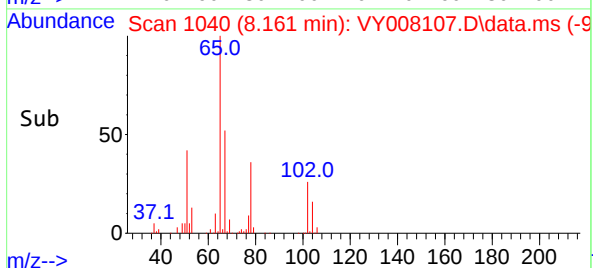
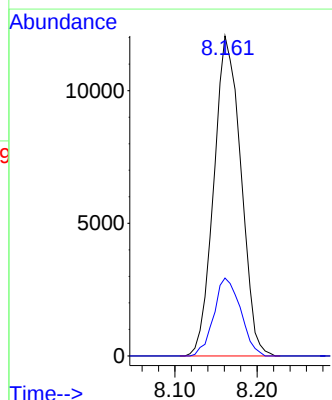
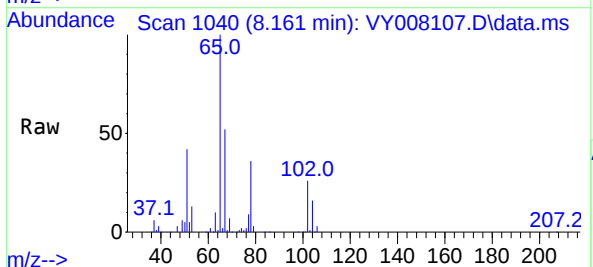
Acq: 30 Mar 2022 13:44

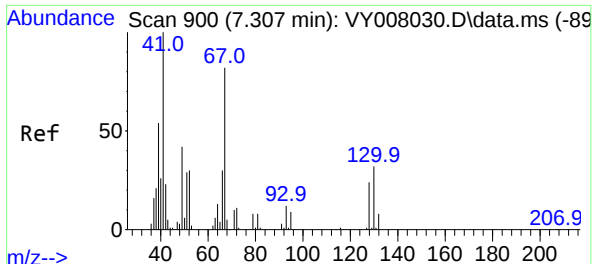
Tgt Ion: 78 Resp: 27549

Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6

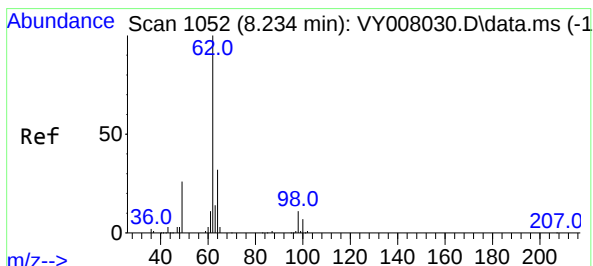
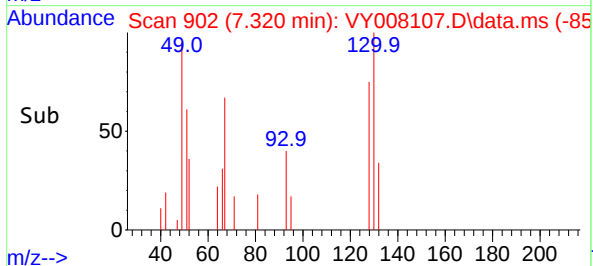
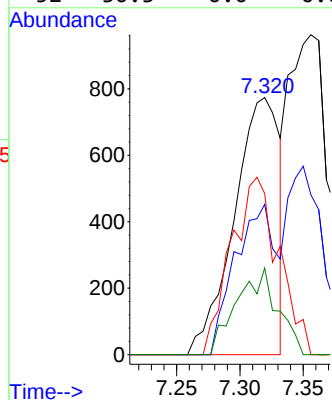
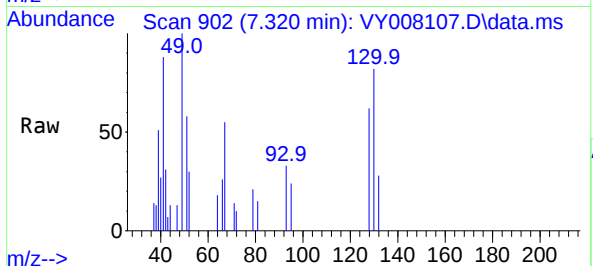




#41
Methacrylonitrile
Concen: 1.646 ug/l
RT: 7.320 min Scan# 901
Delta R.T. 0.013 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

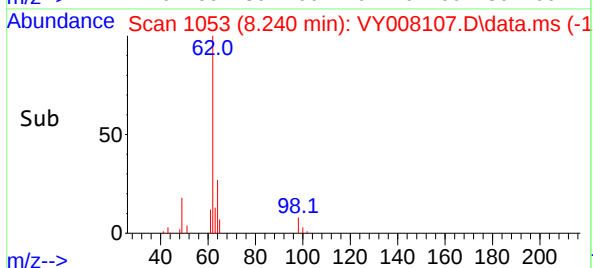
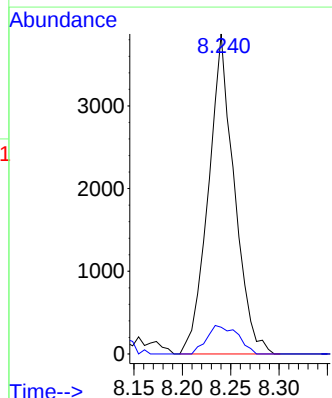
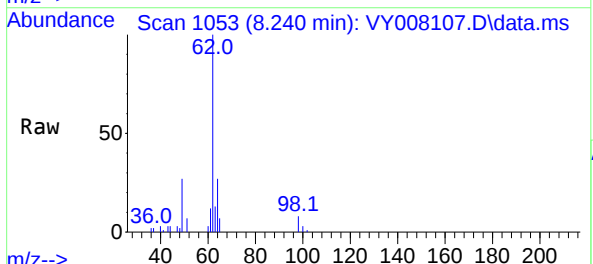
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

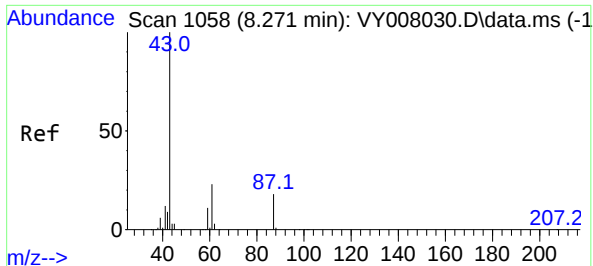
Tgt Ion: 41	Resp: 1933
Ion Ratio	Lower Upper
41 100	
39 52.8	92.9 139.3#
67 71.8	0.0 0.0#
52 30.3	0.0 0.0#



#42
1,2-Dichloroethane
Concen: 1.793 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 62	Resp: 7203		
Ion Ratio	Lower	Upper	
62 100			
98 10.6	0.0	14.8	

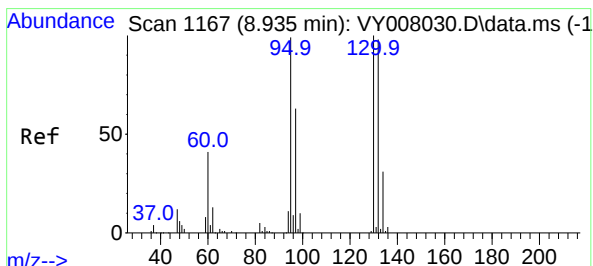
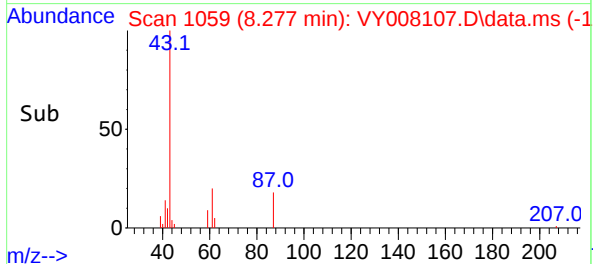
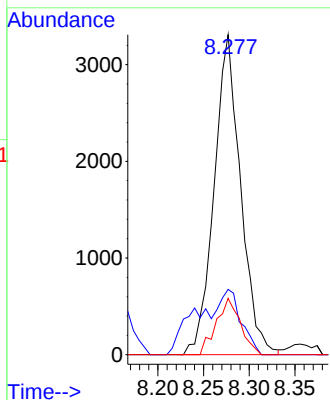
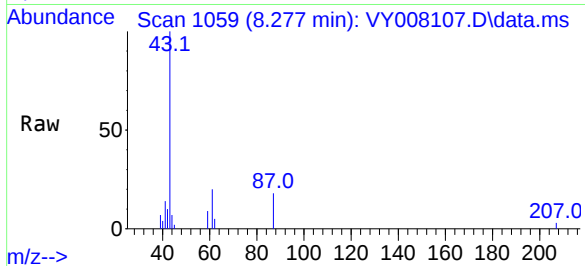




#43
Isopropyl Acetate
Concen: 1.455 ug/l
RT: 8.277 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

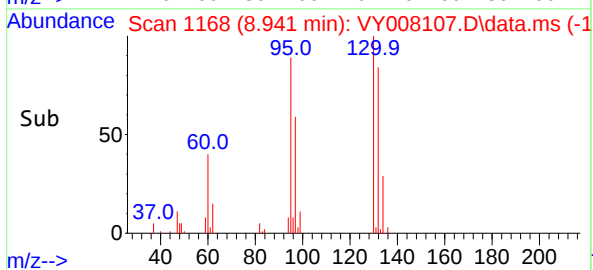
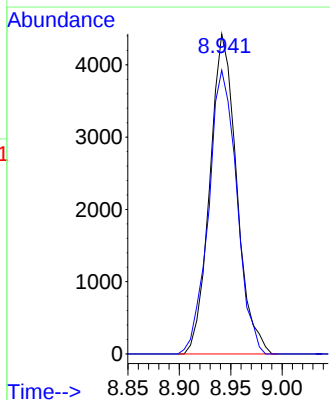
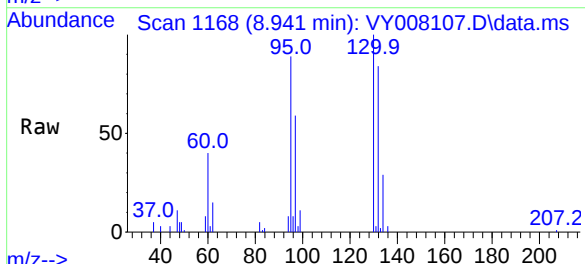
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

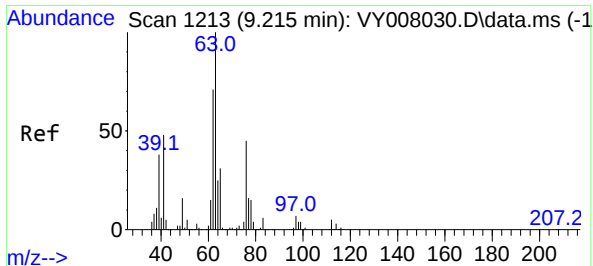
Tgt Ion: 43 Resp: 6681
Ion Ratio Lower Upper
43 100
61 17.9 20.2 30.2#
87 16.1 8.9 13.3#



#44
Trichloroethene
Concen: 1.941 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 130 Resp: 8041
Ion Ratio Lower Upper
130 100
95 88.6 0.0 188.2





#45

1,2-Dichloropropane

Concen: 1.895 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

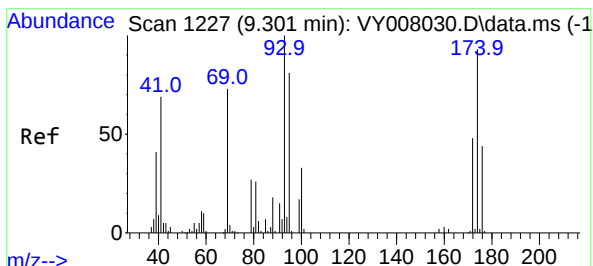
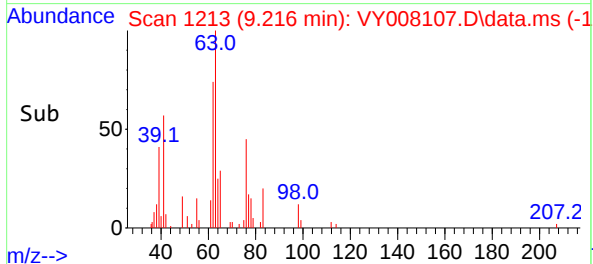
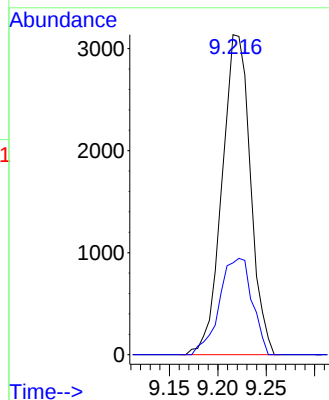
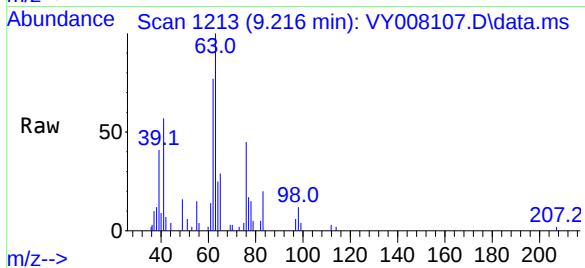
MDL-SOIL-03-QT1-2022

Tgt Ion: 63 Resp: 6399

Ion Ratio Lower Upper

63 100

65 28.7 23.0 34.6



#46

Dibromomethane

Concen: 1.605 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

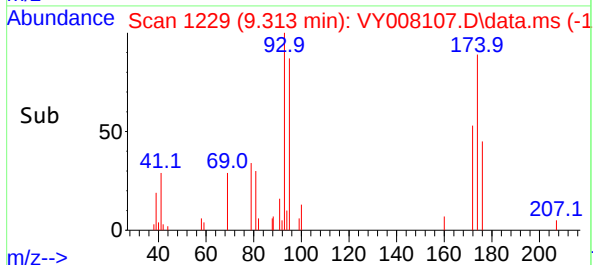
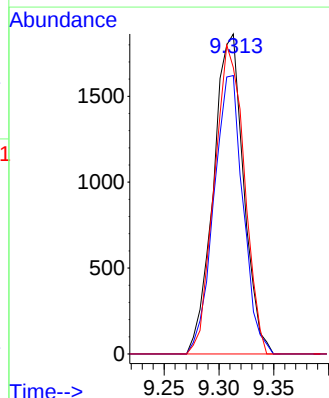
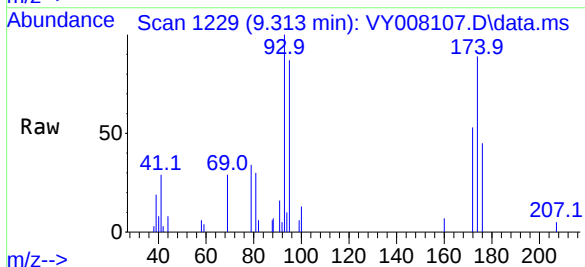
Tgt Ion: 93 Resp: 3562

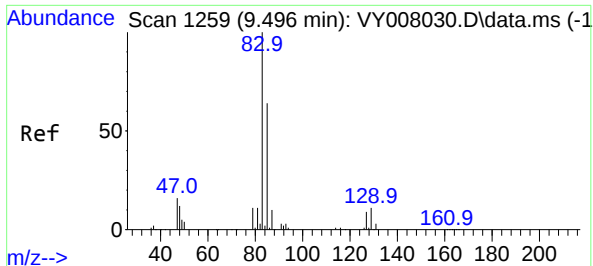
Ion Ratio Lower Upper

93 100

95 84.4 64.3 96.5

174 95.9 83.4 125.0





#47

Bromodichloromethane

Concen: 1.759 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT1-2022

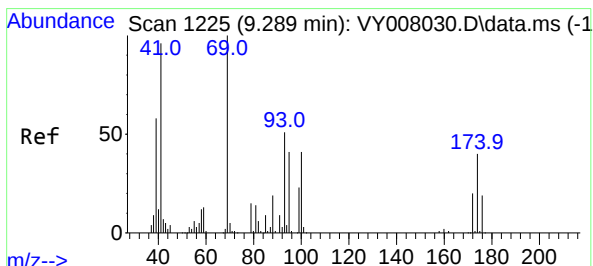
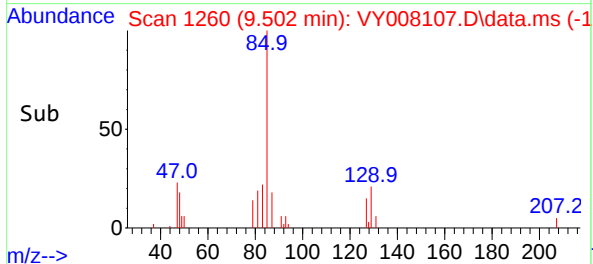
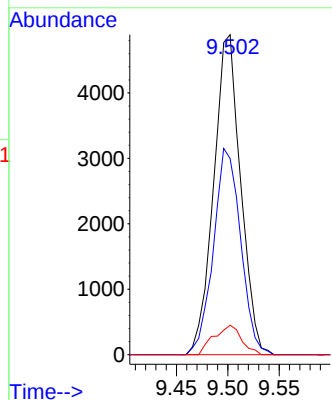
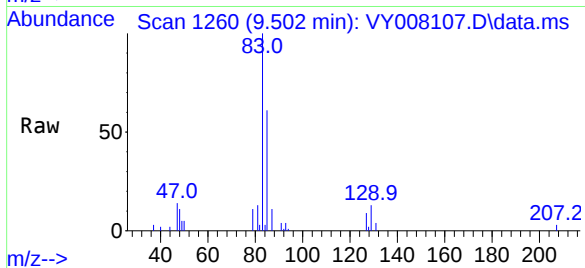
Tgt Ion: 83 Resp: 8927

Ion Ratio Lower Upper

83 100

85 61.3 51.9 77.9

127 9.2 6.6 10.0



#48

Methyl methacrylate

Concen: 1.465 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

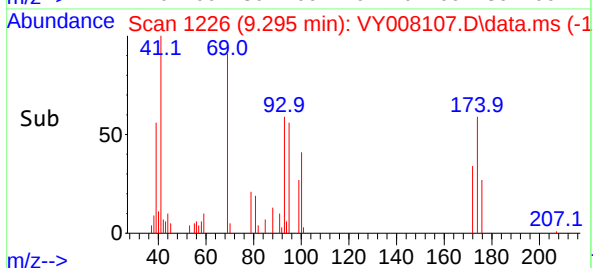
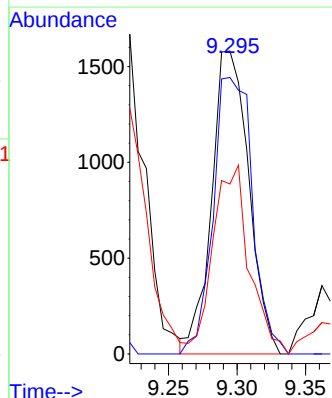
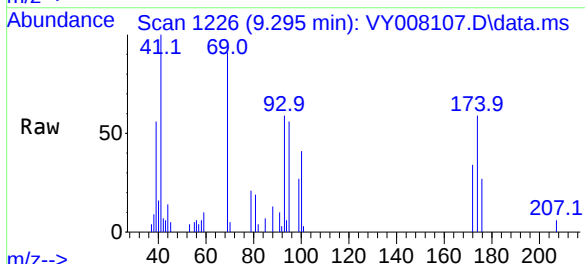
Tgt Ion: 41 Resp: 2980

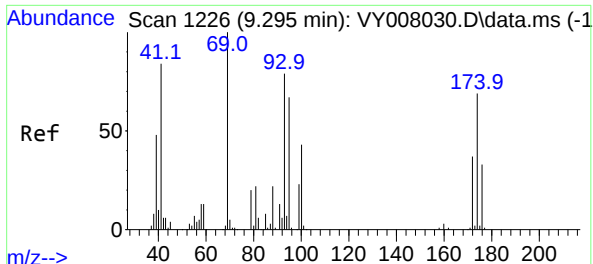
Ion Ratio Lower Upper

41 100

69 96.2 58.2 87.2#

39 60.4 47.4 71.0

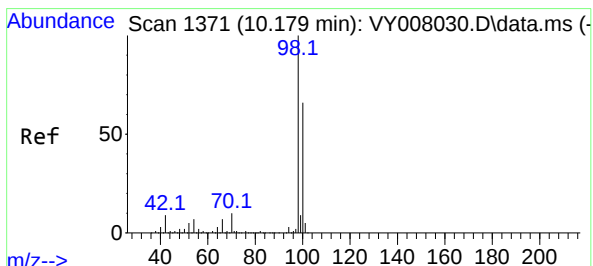
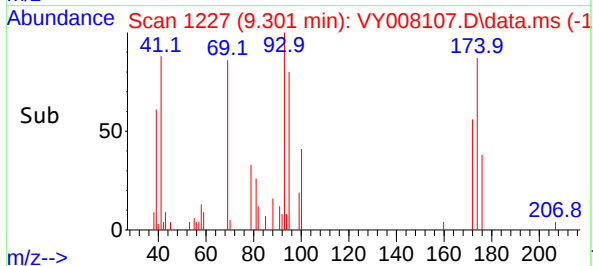
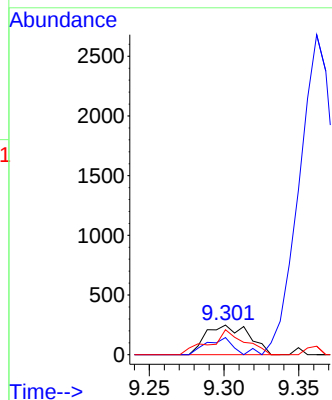
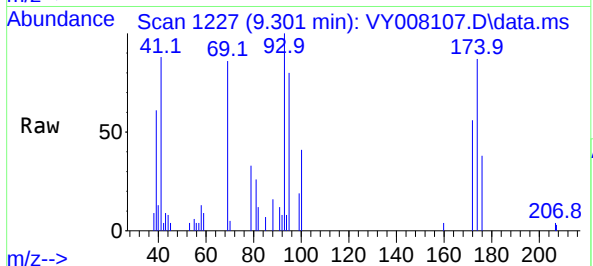




#49
1,4-Dioxane
Concen: 16.910 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

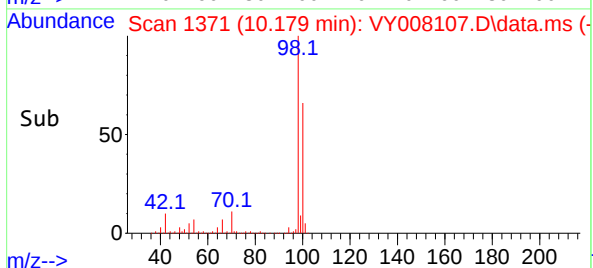
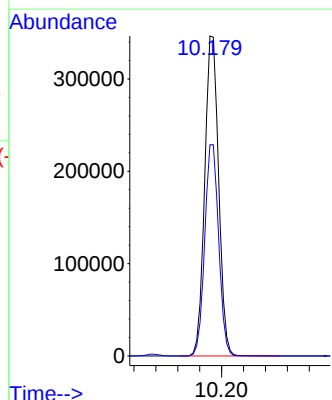
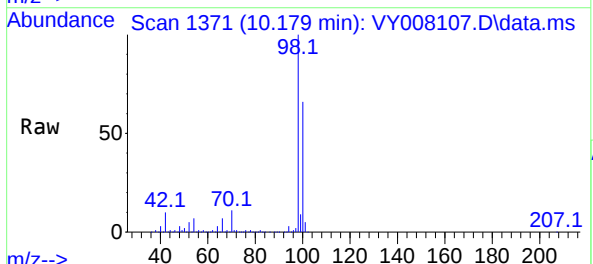
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

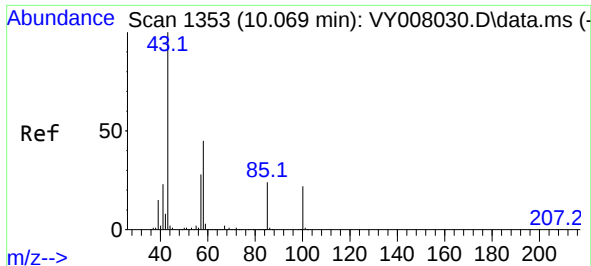
Tgt Ion: 88 Resp: 499
Ion Ratio Lower Upper
88 100
43 33.7 32.8 49.2
58 67.7 59.8 89.6



#50
Toluene-d8
Concen: 50.722 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 98 Resp: 609222
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

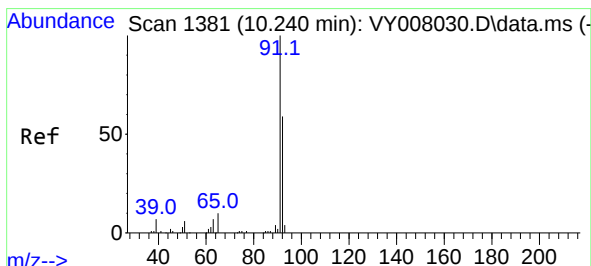
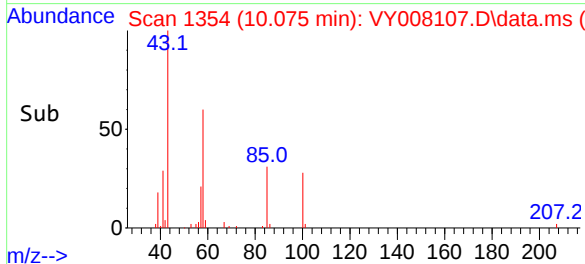
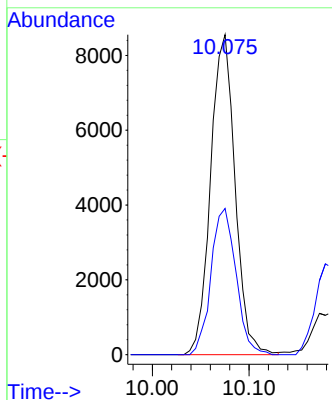
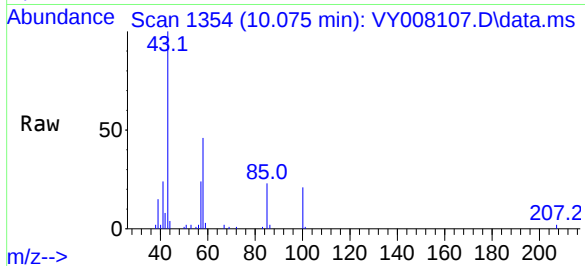




#51
4-Methyl-2-Pentanone
Concen: 6.499 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

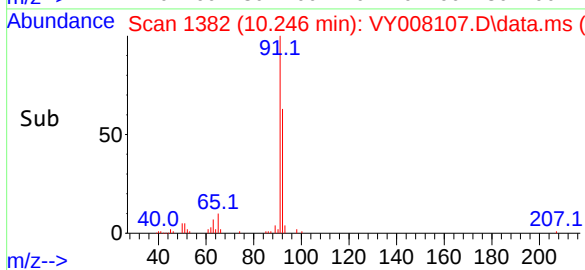
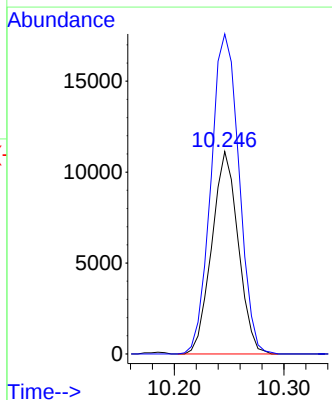
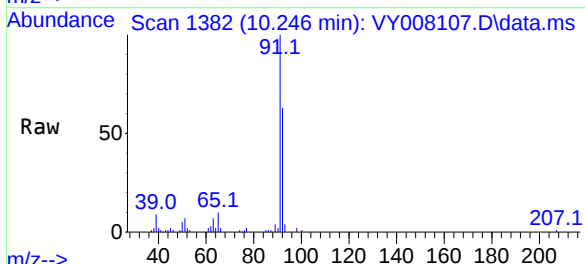
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

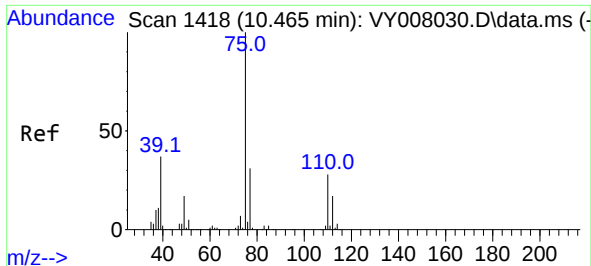
Tgt Ion: 43 Resp: 15053
Ion Ratio Lower Upper
43 100
58 46.7 28.1 42.1#



#52
Toluene
Concen: 1.984 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 92 Resp: 18642
Ion Ratio Lower Upper
92 100
91 168.2 142.6 213.8

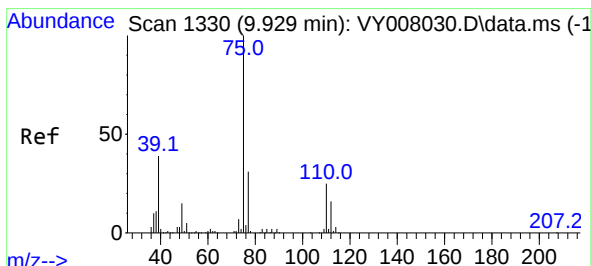
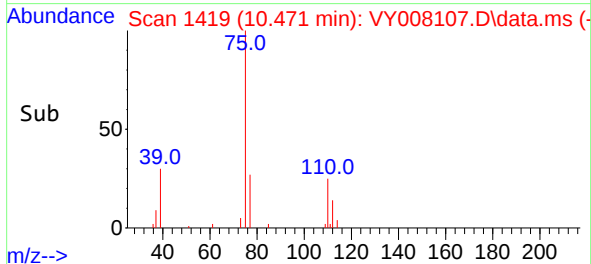
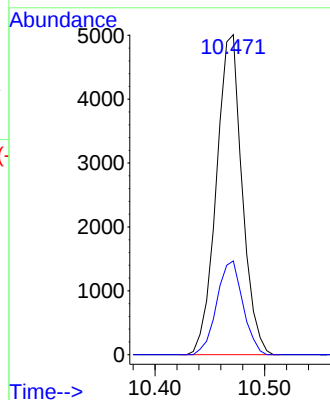
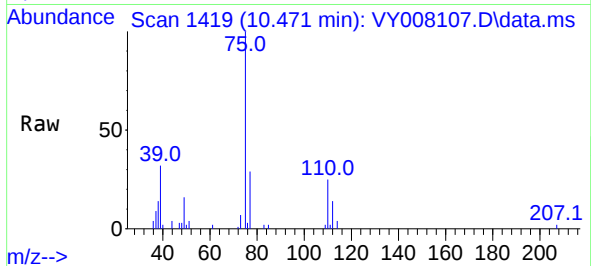




#53
t-1,3-Dichloropropene
Concen: 1.575 ug/l
RT: 10.471 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

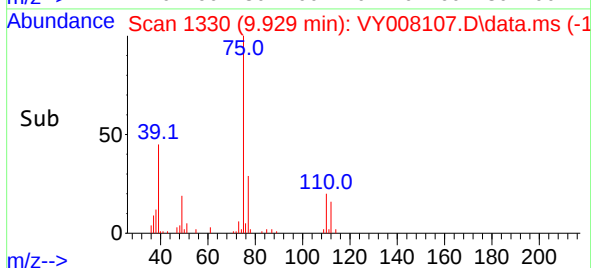
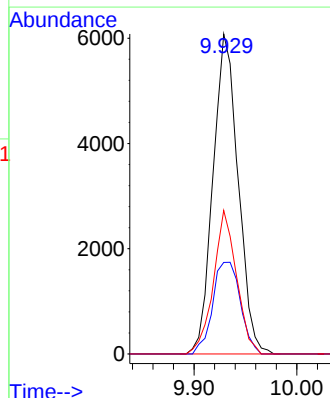
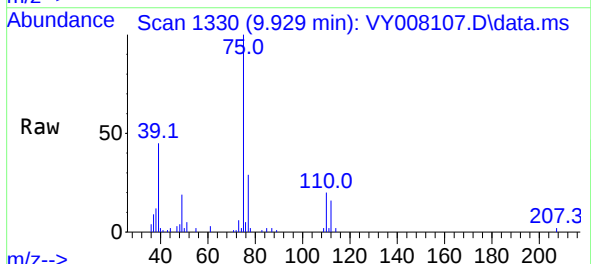
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

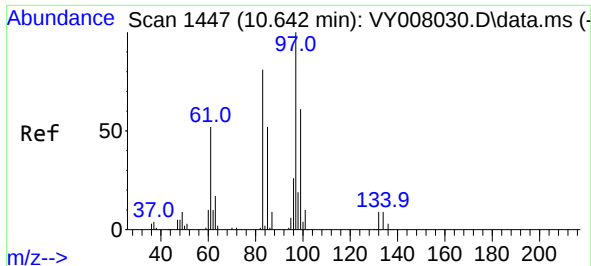
Tgt Ion: 75 Resp: 8194
Ion Ratio Lower Upper
75 100
77 29.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 1.750 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 75 Resp: 10305
Ion Ratio Lower Upper
75 100
77 28.6 25.6 38.4
39 44.8 47.6 71.4#

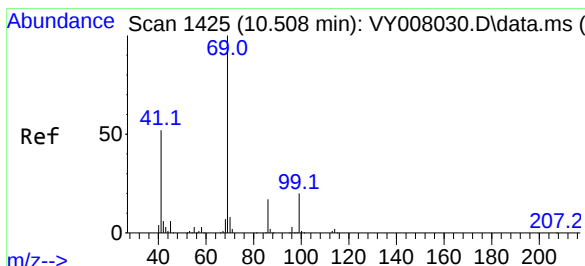
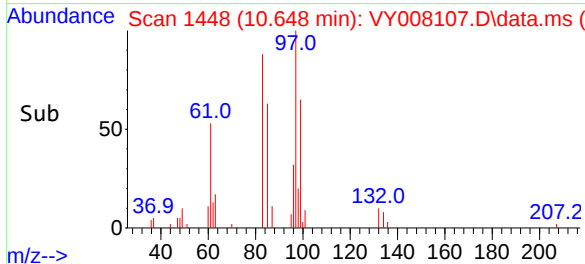
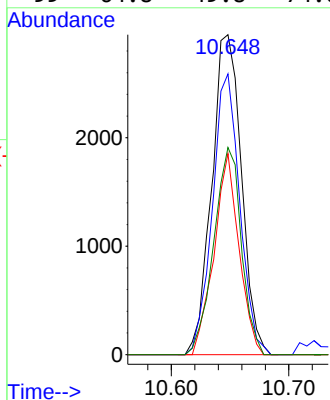
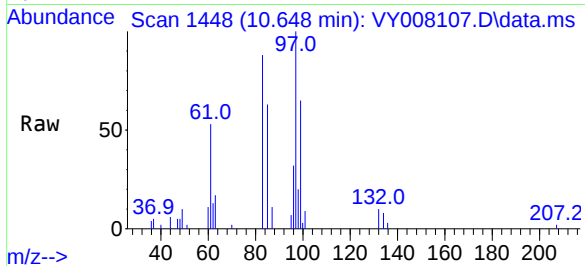




#55
1,1,2-Trichloroethane
Concen: 1.691 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

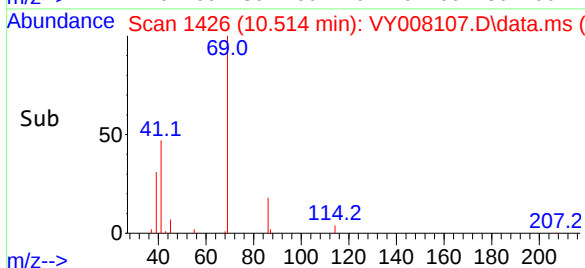
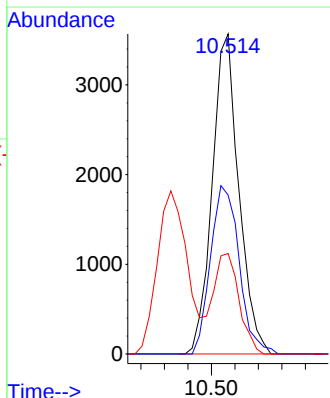
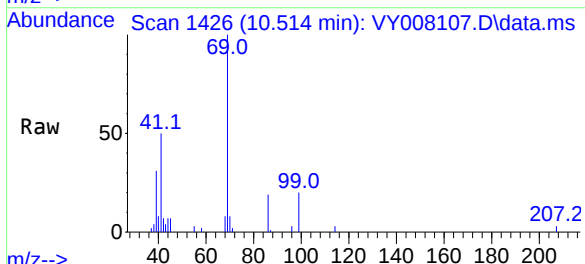
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

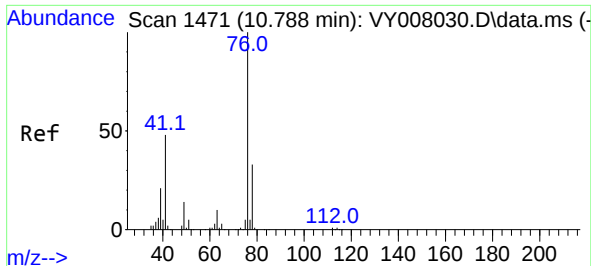
Tgt Ion:	97	Resp:	5182
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.8	104.8
85	62.9	44.3	66.5
99	64.8	49.8	74.6



#56
Ethyl methacrylate
Concen: 1.400 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:	69	Resp:	5599
Ion	Ratio	Lower	Upper
69	100		
41	56.8	63.4	95.0#
39	31.7	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 1.692 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

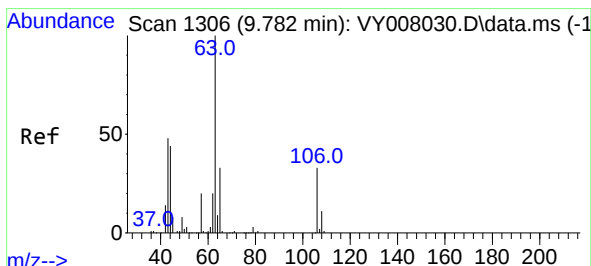
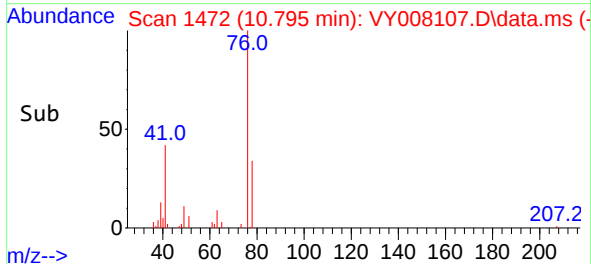
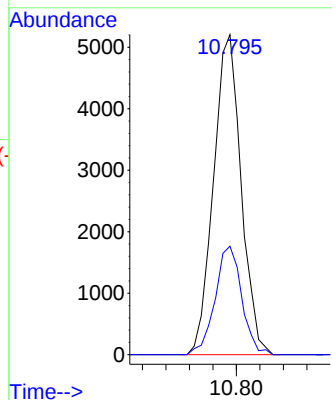
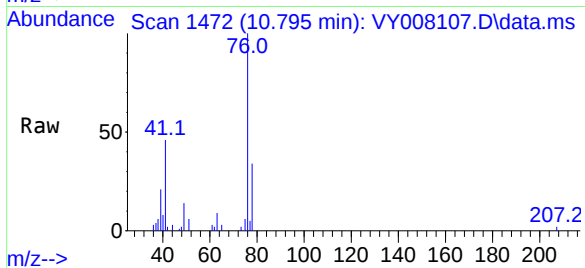
MDL-SOIL-03-QT1-2022

Tgt Ion: 76 Resp: 8487

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 8.094 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY008107.D

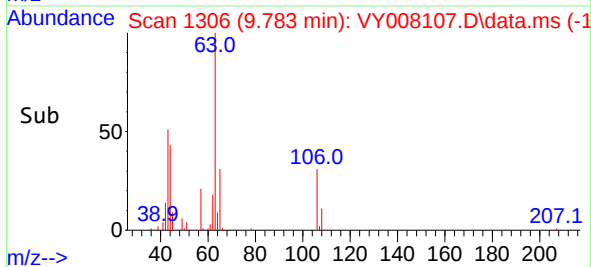
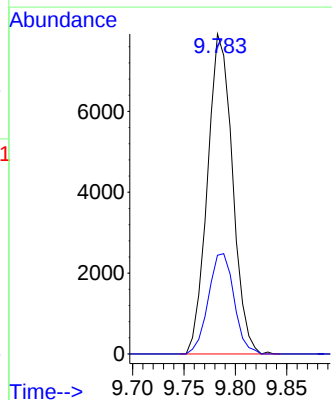
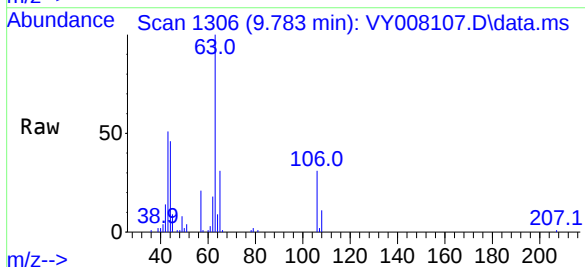
Acq: 30 Mar 2022 13:44

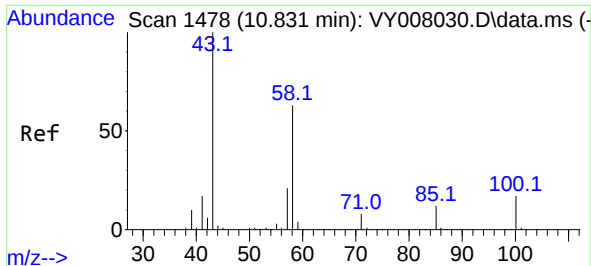
Tgt Ion: 63 Resp: 13408

Ion Ratio Lower Upper

63 100

106 32.1 21.5 32.3

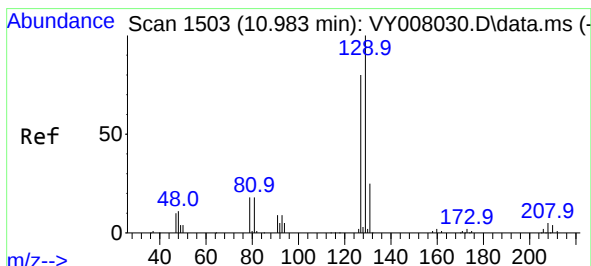
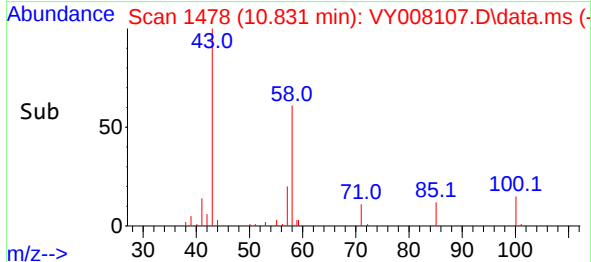
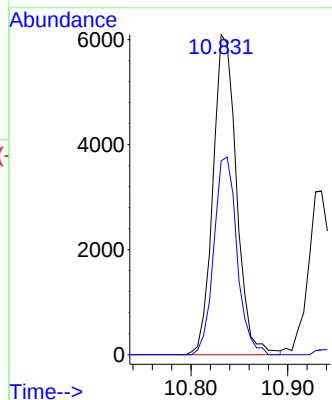
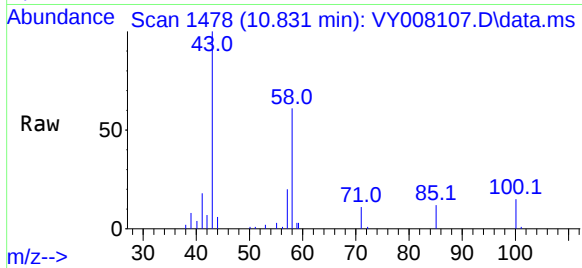




#59
2-Hexanone
Concen: 6.349 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

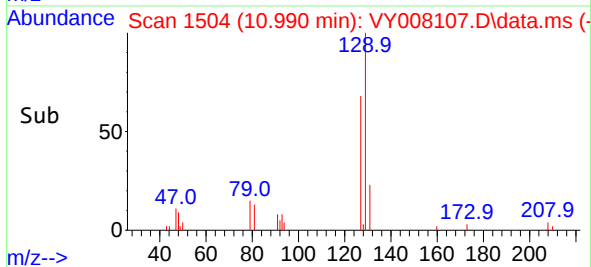
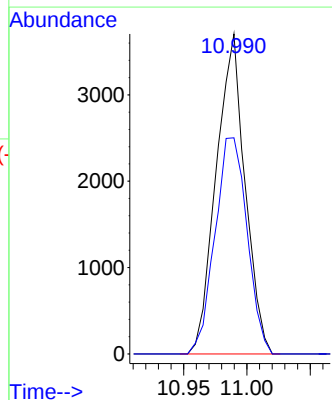
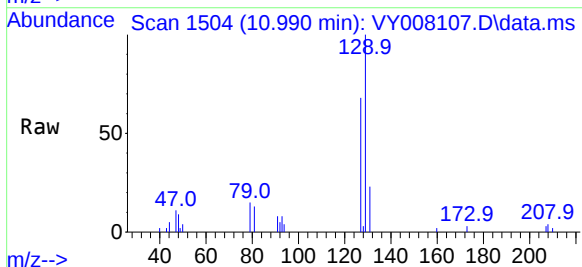
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

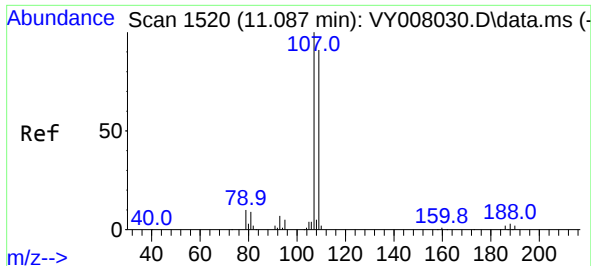
Tgt Ion: 43 Resp: 10291
Ion Ratio Lower Upper
43 100
58 60.7 24.4 73.4



#60
Dibromochloromethane
Concen: 1.575 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 129 Resp: 5872
Ion Ratio Lower Upper
129 100
127 75.3 38.7 116.1

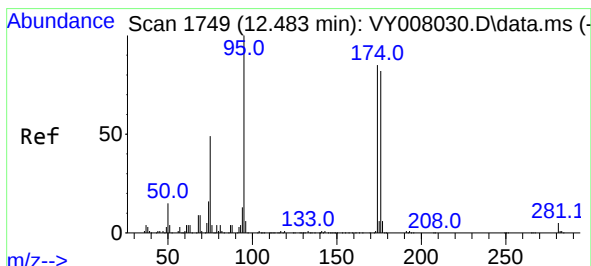
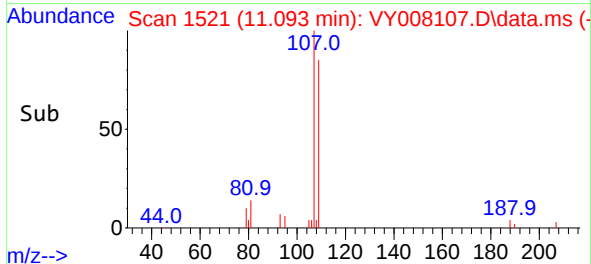
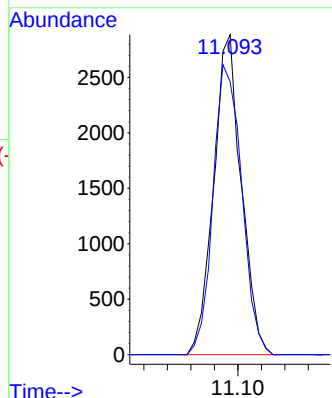
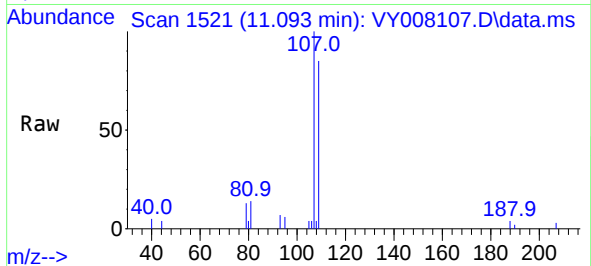




#61
1,2-Dibromoethane
Concen: 1.543 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

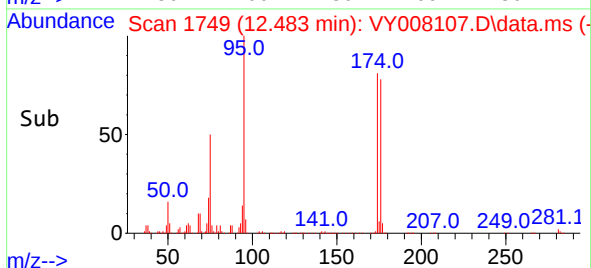
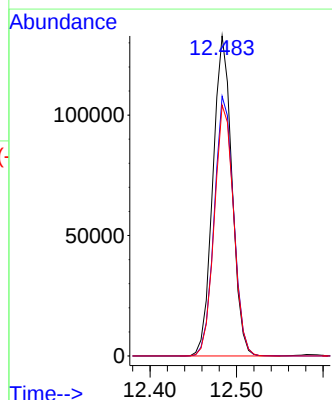
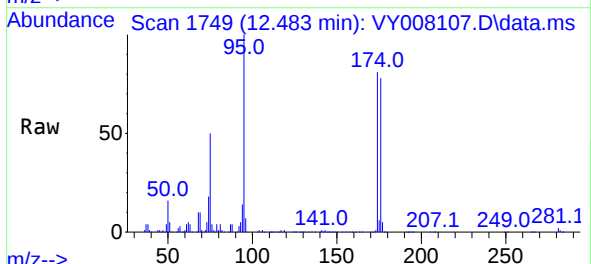
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

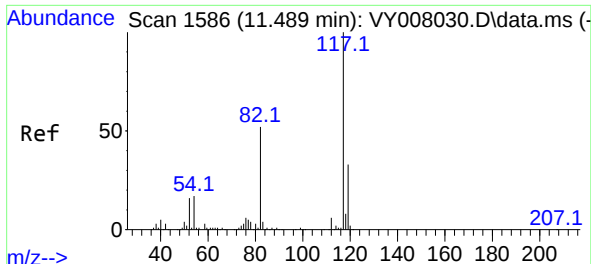
Tgt Ion:107 Resp: 4709
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.914 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 95 Resp: 203038
Ion Ratio Lower Upper
95 100
174 81.9 0.0 177.0
176 79.4 0.0 175.8

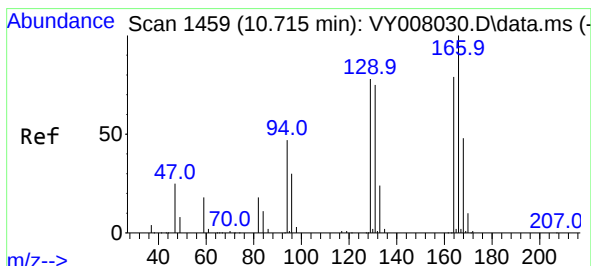
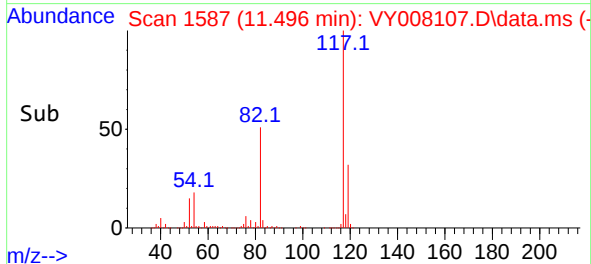
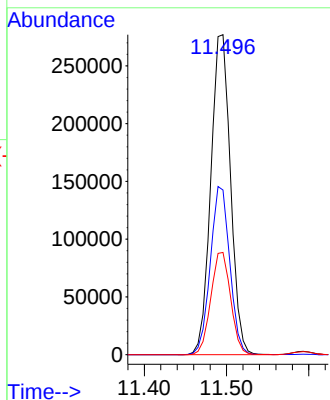
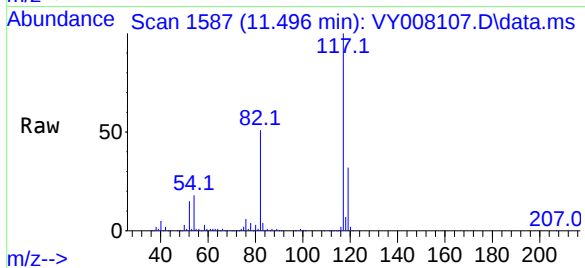




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

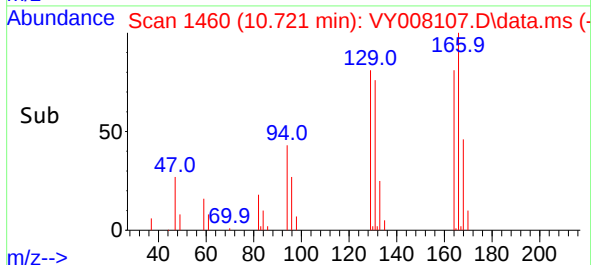
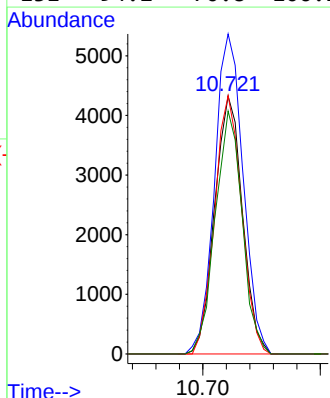
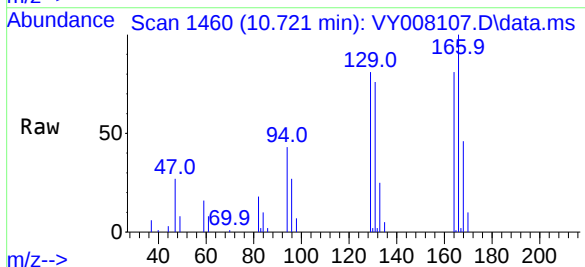
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

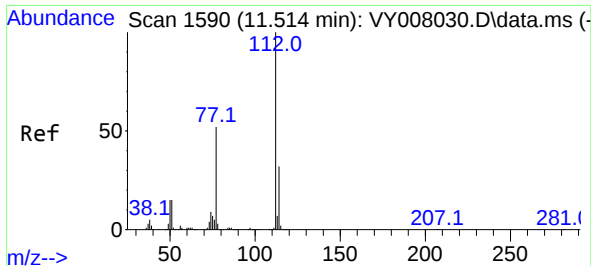
Tgt Ion:117 Resp: 460521
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 2.009 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:164 Resp: 7106
Ion Ratio Lower Upper
164 100
166 124.1 100.4 150.6
129 100.1 71.4 107.0
131 94.2 70.8 106.2

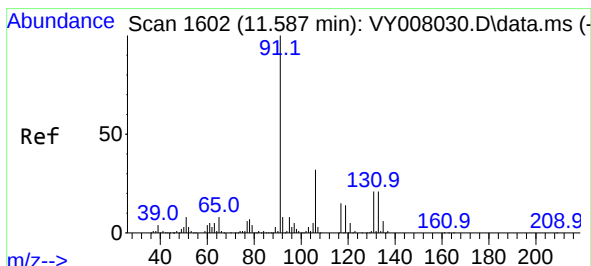
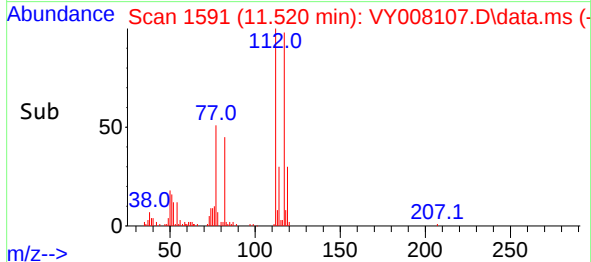
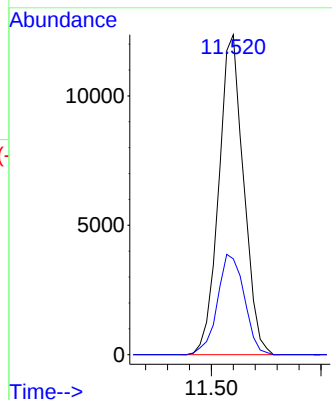
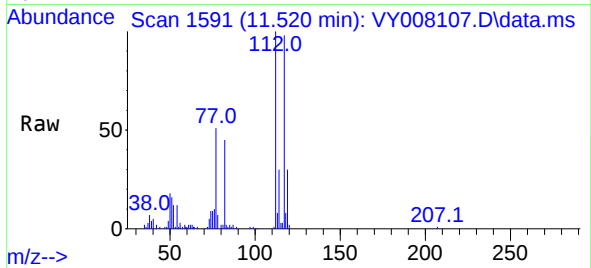




#65
Chlorobenzene
Concen: 1.875 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

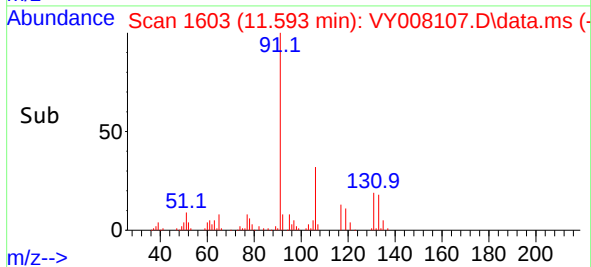
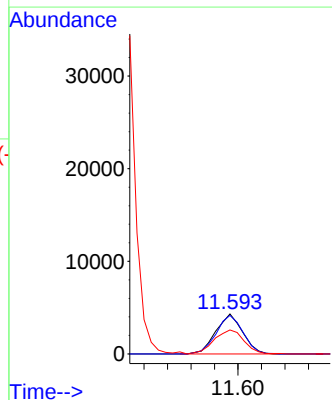
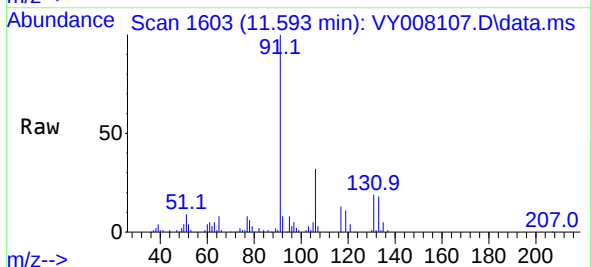
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

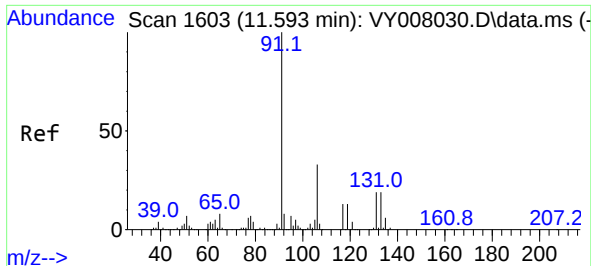
Tgt Ion:112 Resp: 19467
Ion Ratio Lower Upper
112 100
114 30.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 1.781 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:131 Resp: 6823
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.6
119 67.4 30.8 92.3





#67

Ethyl Benzene

Concen: 1.950 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY008107.D

Acq: 30 Mar 2022 13:44

Instrument :

MSVOA_Y

ClientSampleId :

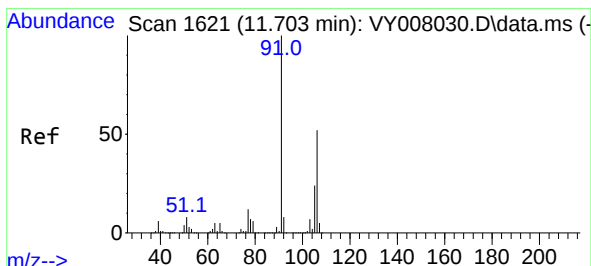
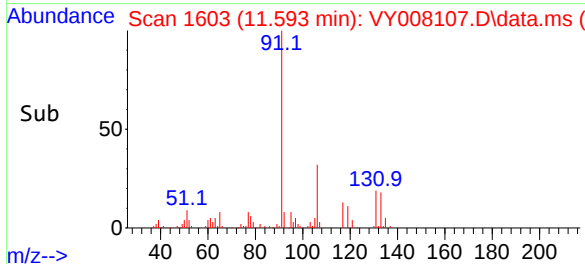
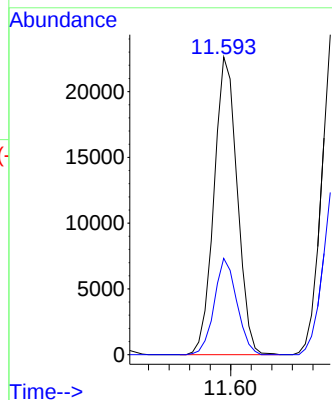
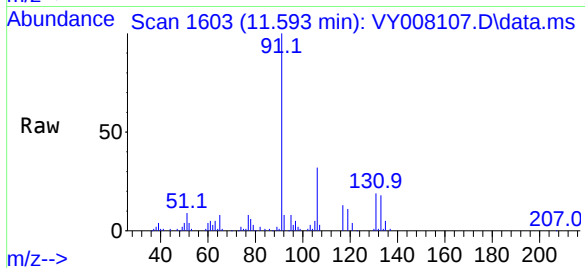
MDL-SOIL-03-QT1-2022

Tgt Ion: 91 Resp: 35491

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 3.693 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY008107.D

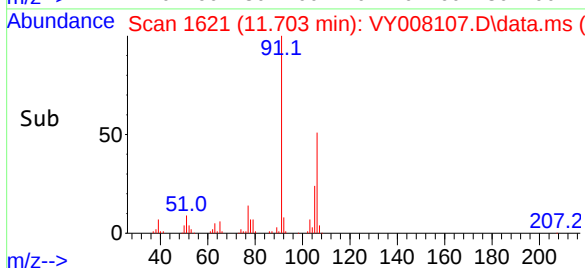
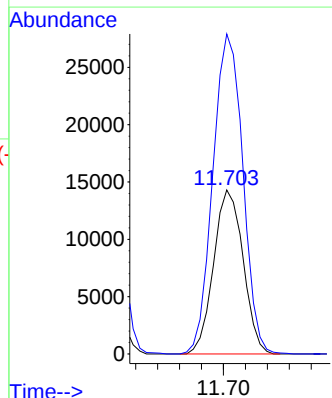
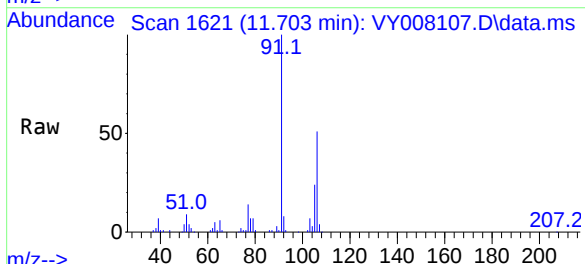
Acq: 30 Mar 2022 13:44

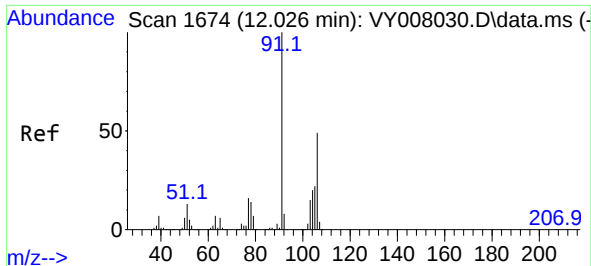
Tgt Ion: 106 Resp: 26722

Ion Ratio Lower Upper

106 100

91 198.5 166.6 249.8

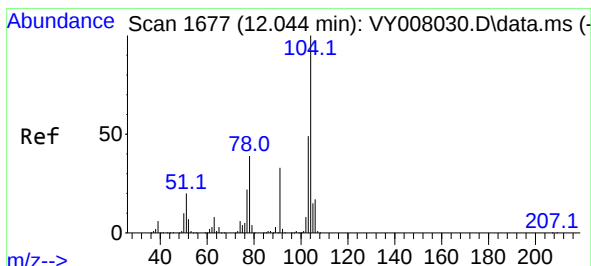
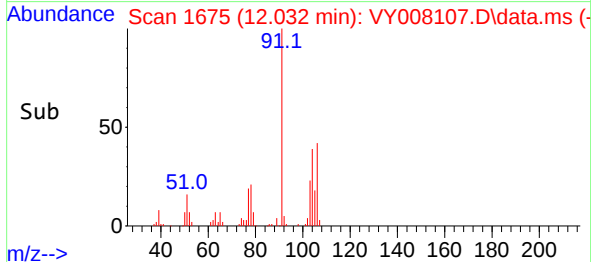
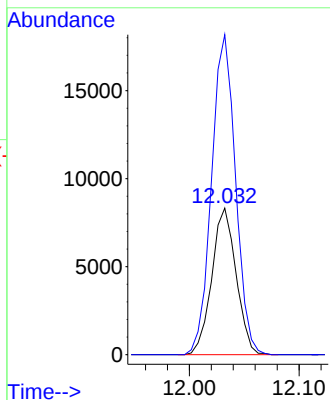
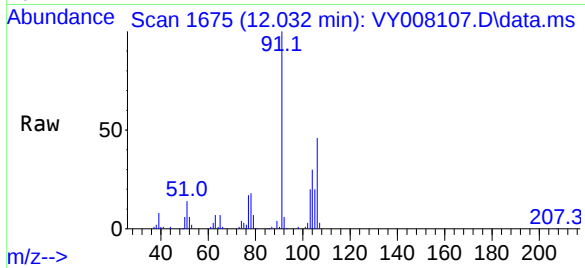




#69
o-Xylene
Concen: 1.854 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

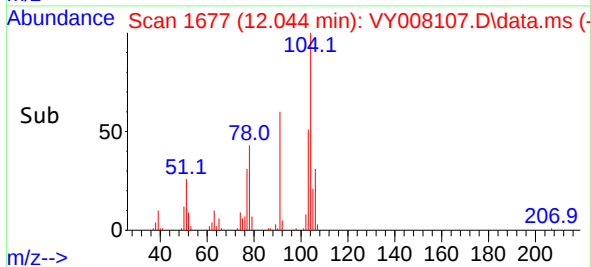
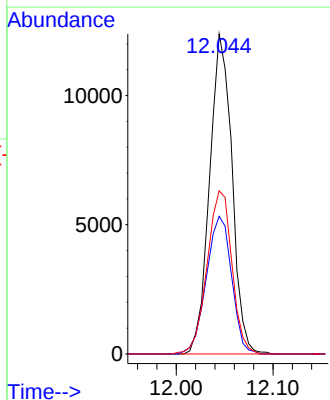
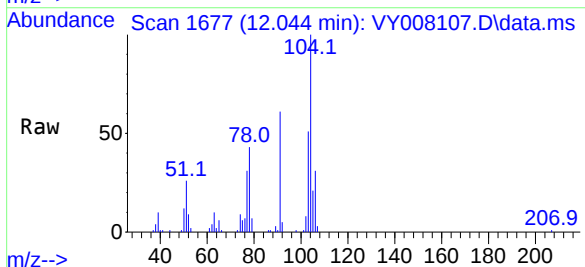
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

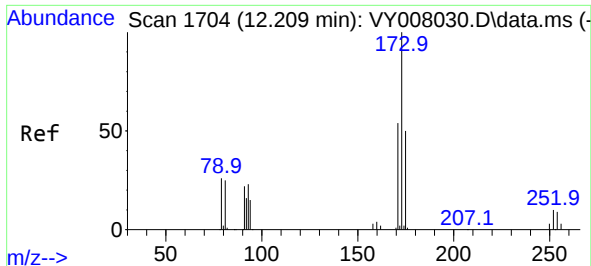
Tgt Ion:106 Resp: 12844
Ion Ratio Lower Upper
106 100
91 215.0 110.3 331.0



#70
Styrene
Concen: 1.757 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:104 Resp: 19934
Ion Ratio Lower Upper
104 100
78 48.5 42.4 63.6
103 56.4 44.4 66.6

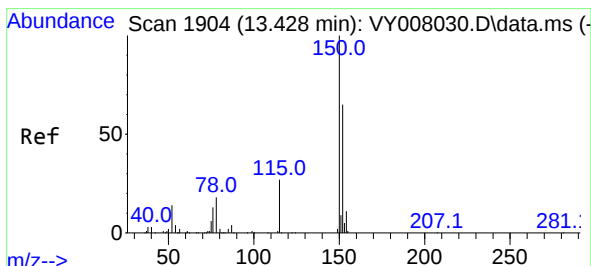
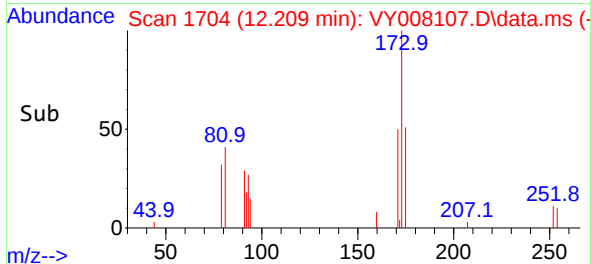
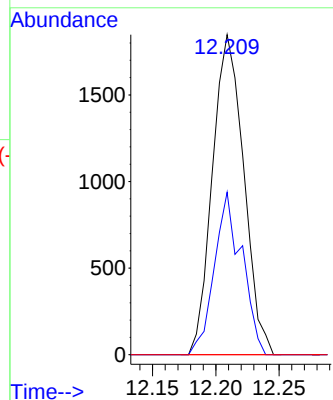
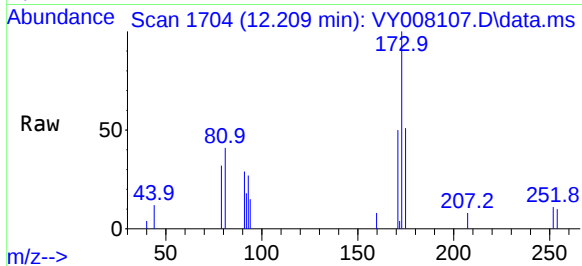




#71
Bromoform
Concen: 1.374 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

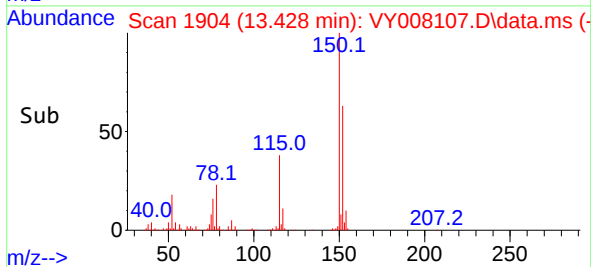
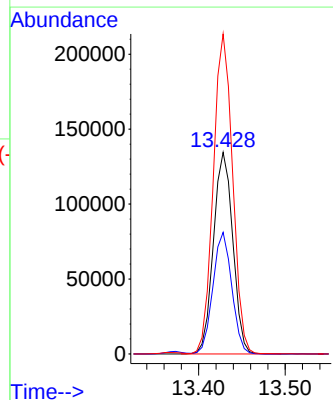
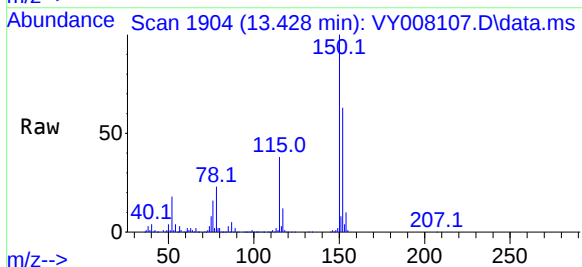
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

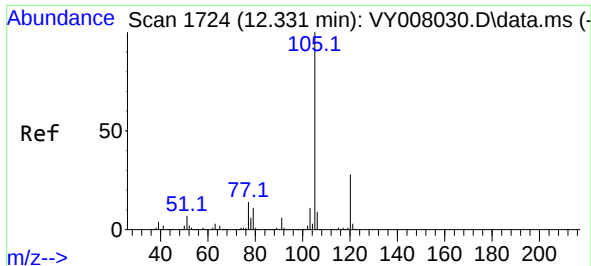
Tgt Ion:173 Resp: 3178
Ion Ratio Lower Upper
173 100
175 44.6 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:152 Resp: 208646
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 158.5 0.0 347.6

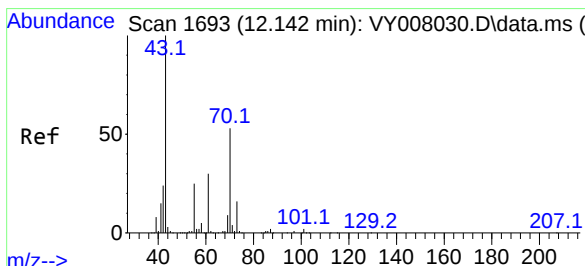
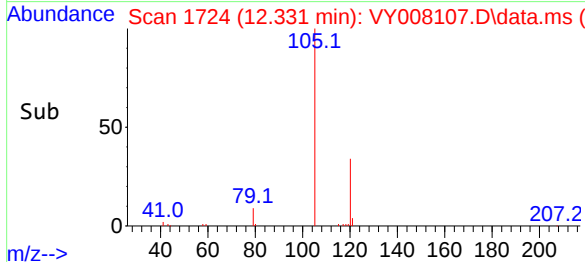
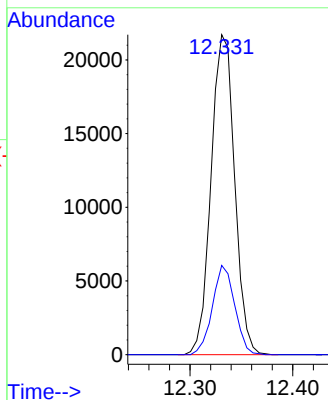
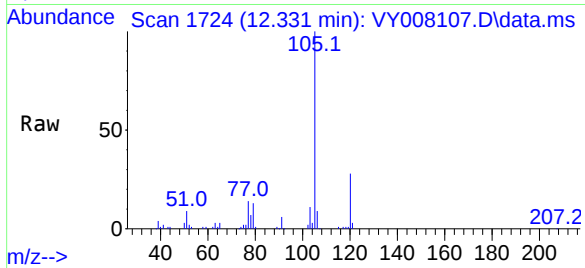




#73
Isopropylbenzene
Concen: 2.006 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

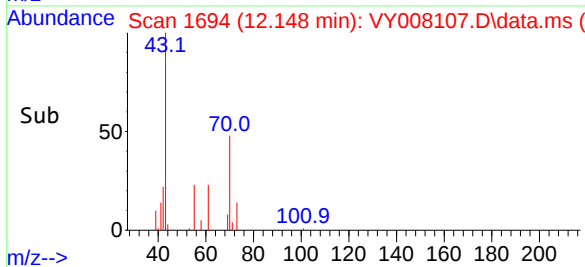
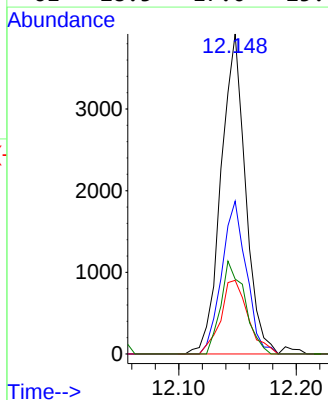
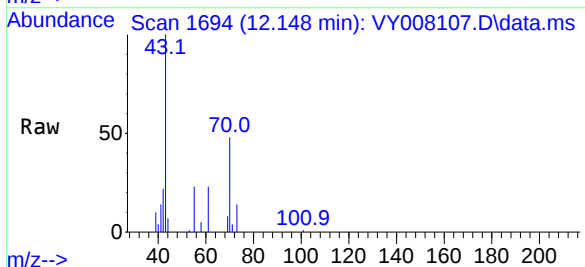
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

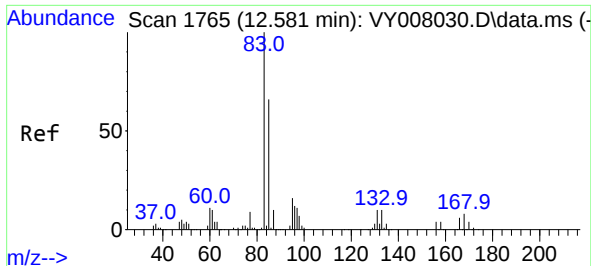
Tgt Ion:105 Resp: 34550
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 1.497 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 43 Resp: 5667
Ion Ratio Lower Upper
43 100
70 48.1 28.7 43.1#
55 25.8 17.3 25.9
61 28.5 17.0 25.6#

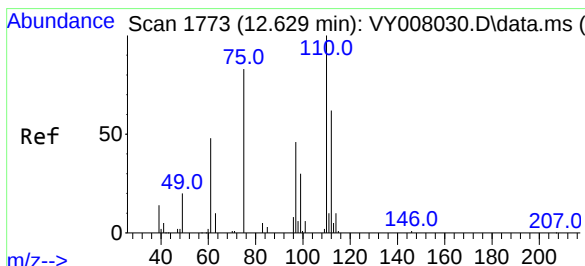
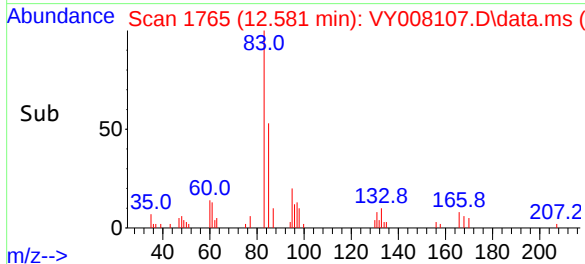
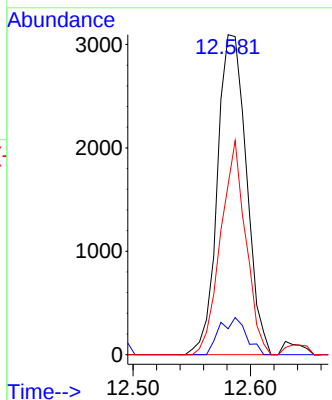
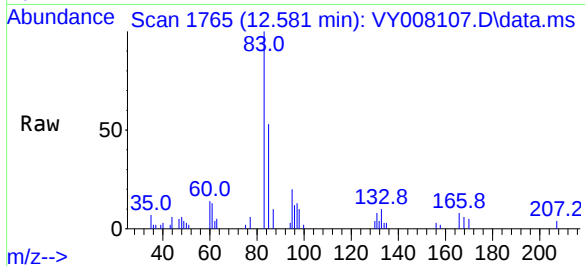




#75
1,1,2,2-Tetrachloroethane
Concen: 1.586 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

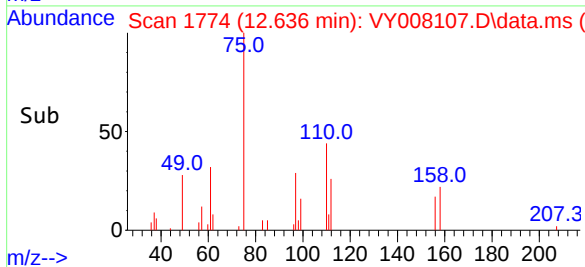
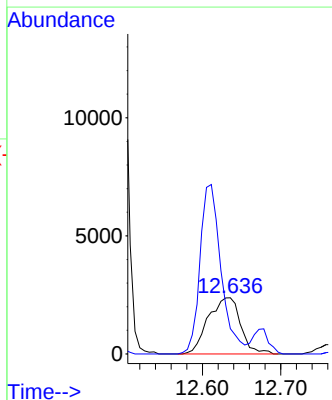
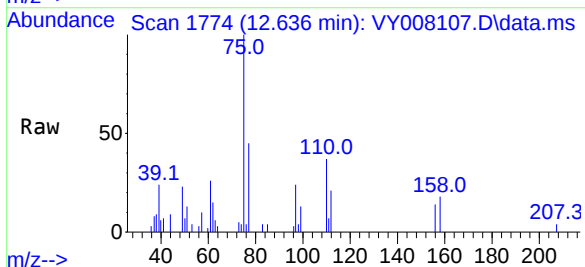
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

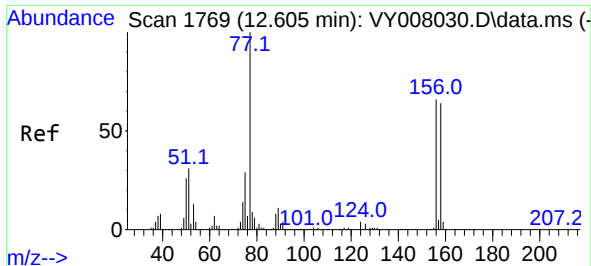
Tgt Ion:	83	Resp:	5308
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.6	16.8
85	57.9	32.3	96.8



#76
1,2,3-Trichloropropane
Concen: 2.681 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:	75	Resp:	6819
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

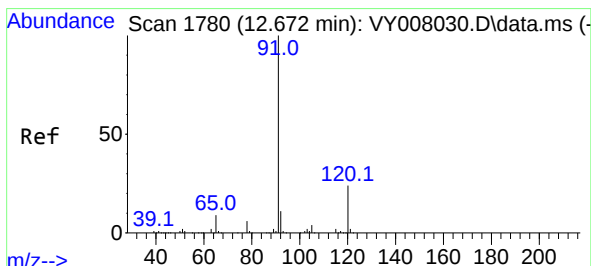
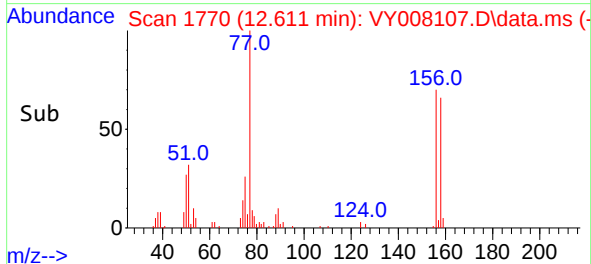
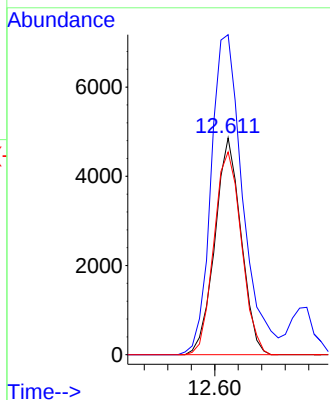
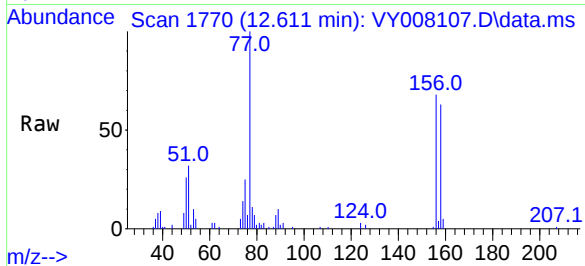




#77
Bromobenzene
Concen: 1.907 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

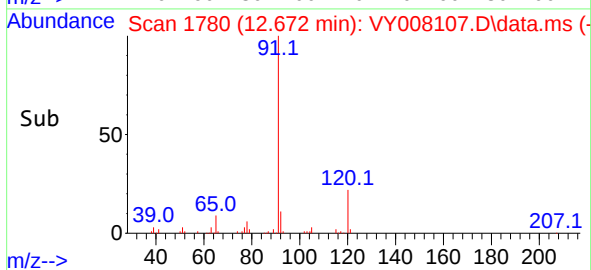
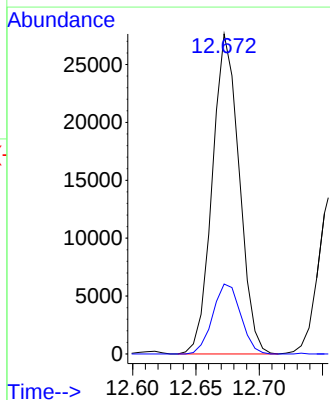
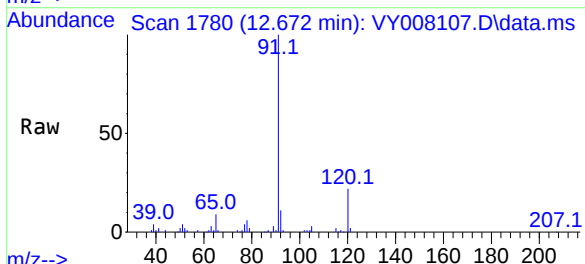
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

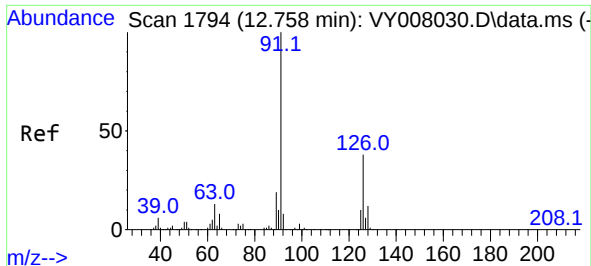
Tgt Ion:156 Resp: 7534
Ion Ratio Lower Upper
156 100
77 178.1 95.5 286.4
158 98.0 48.0 144.0



#78
n-propylbenzene
Concen: 2.013 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 91 Resp: 40884
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9

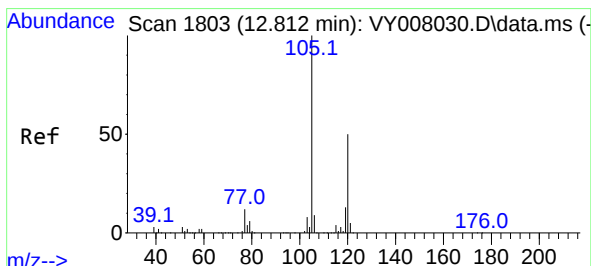
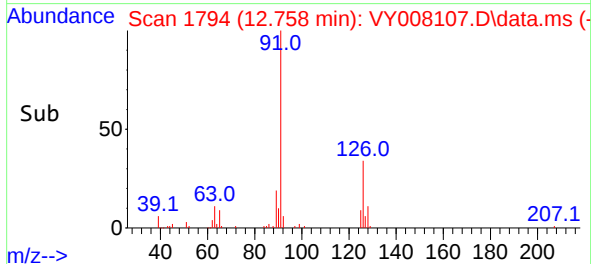
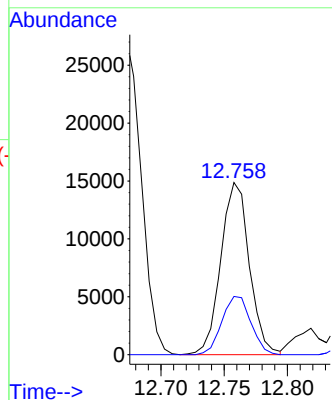
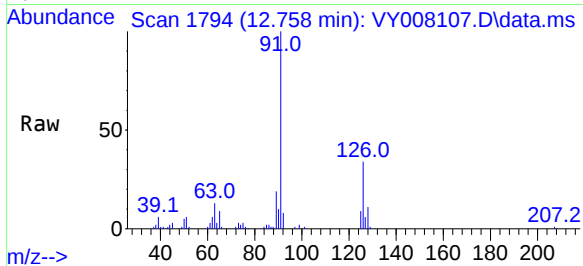




#79
2-Chlorotoluene
Concen: 2.075 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

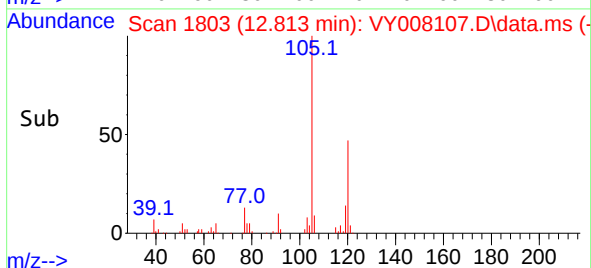
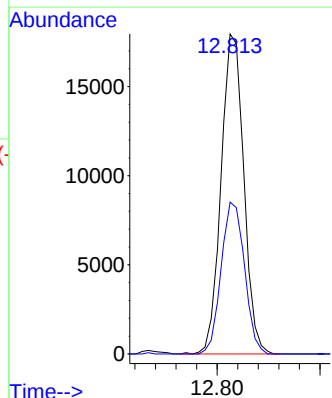
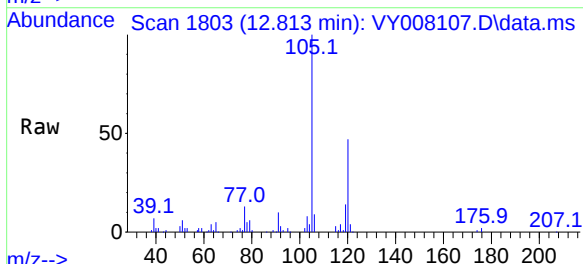
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

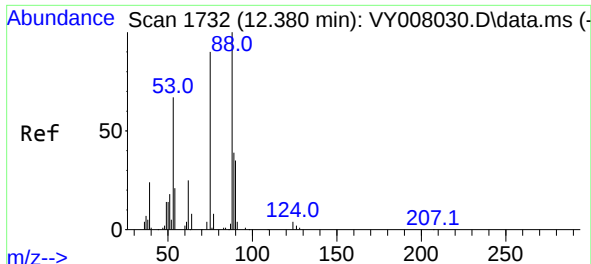
Tgt Ion: 91 Resp: 23385
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 1.948 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:105 Resp: 27482
Ion Ratio Lower Upper
105 100
120 48.8 24.4 73.4

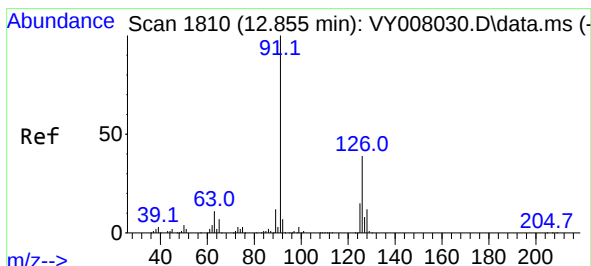
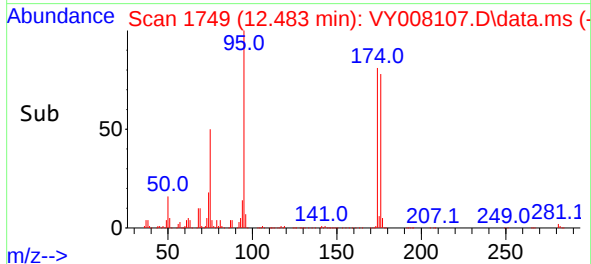
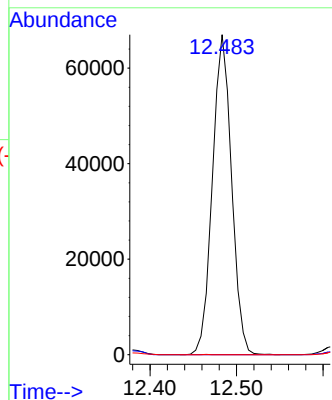
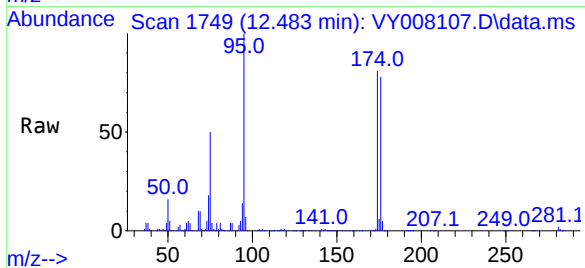




#81
trans-1,4-Dichloro-2-butene
Concen: 90.187 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

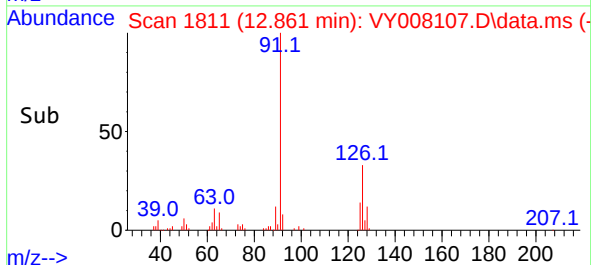
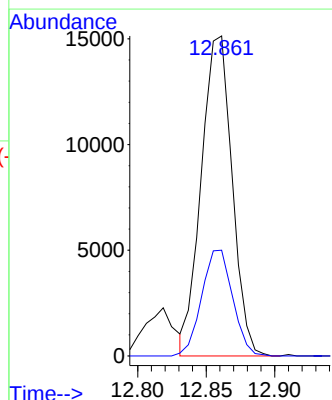
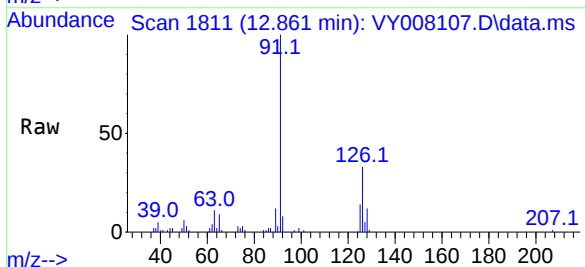
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

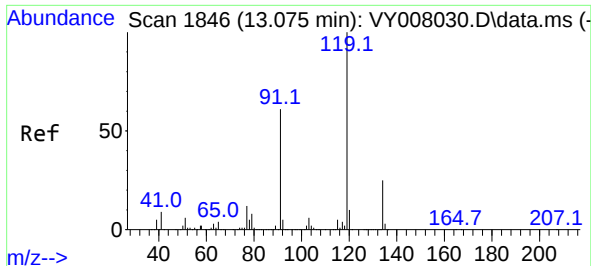
Tgt Ion: 75 Resp: 102808
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 2.051 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 91 Resp: 23716
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0

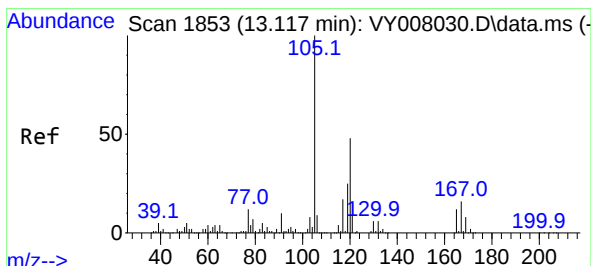
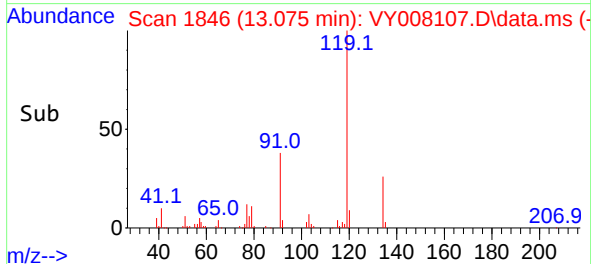
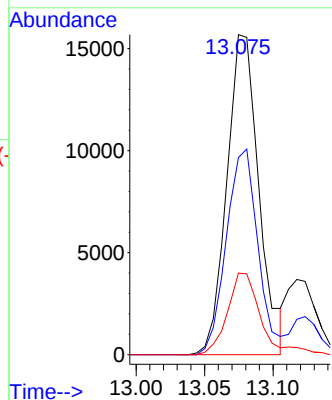
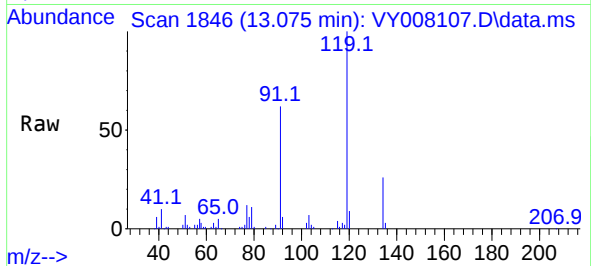




#83
tert-Butylbenzene
Concen: 2.035 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

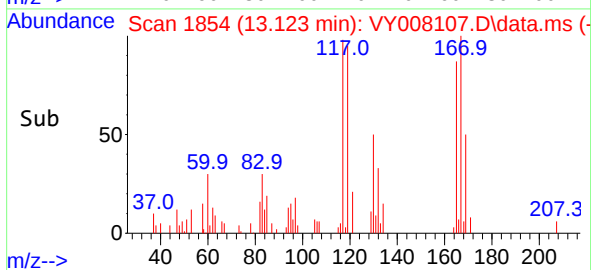
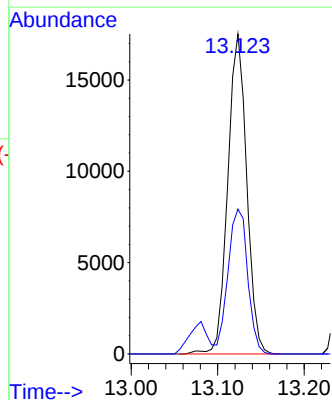
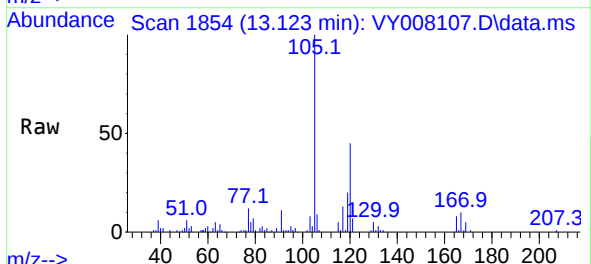
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

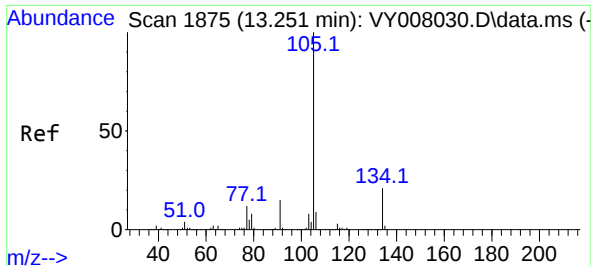
Tgt Ion:	119	Resp:	25576
Ion	Ratio	Lower	Upper
119	100		
91	63.3	34.8	104.4
134	26.5	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 1.932 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:	105	Resp:	26544
Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.3	66.9

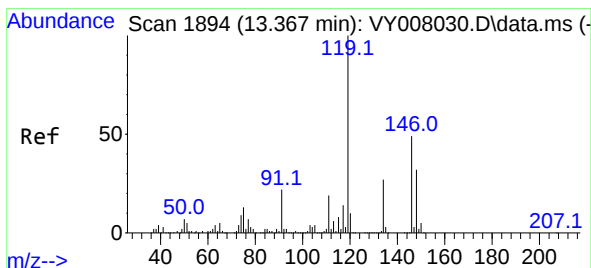
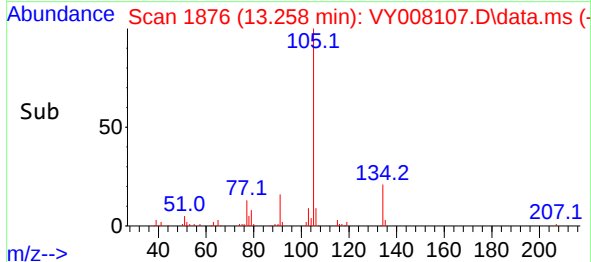
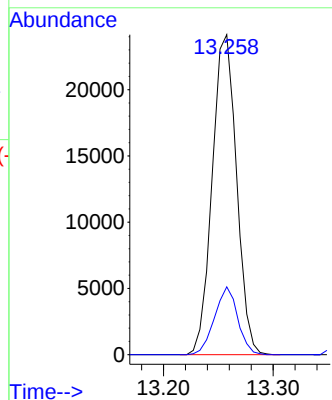
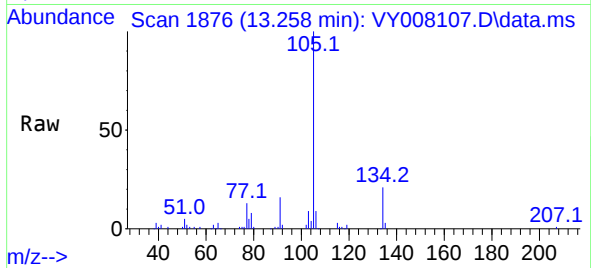




#85
 sec-Butylbenzene
 Concen: 2.008 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.007 min
 Lab File: VY008107.D
 Acq: 30 Mar 2022 13:44

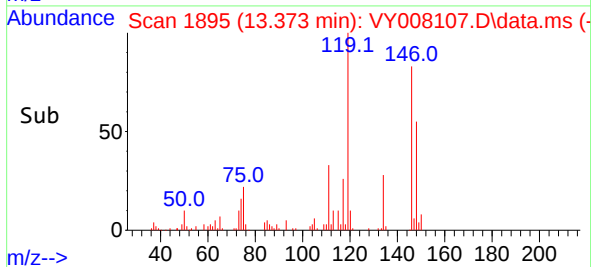
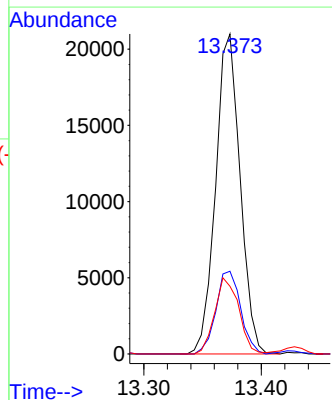
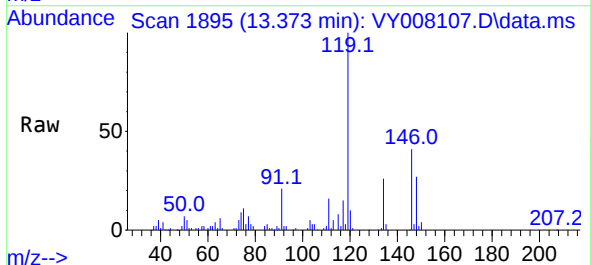
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

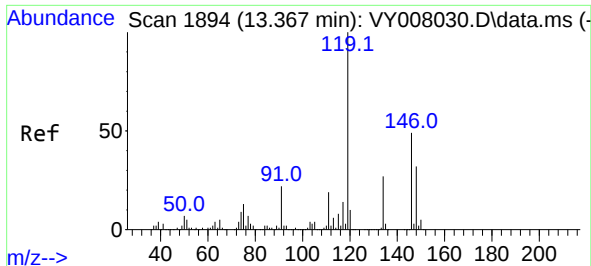
Tgt Ion:105 Resp: 37249
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 1.968 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008107.D
 Acq: 30 Mar 2022 13:44

Tgt Ion:119 Resp: 30388
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 23.4 12.4 37.2

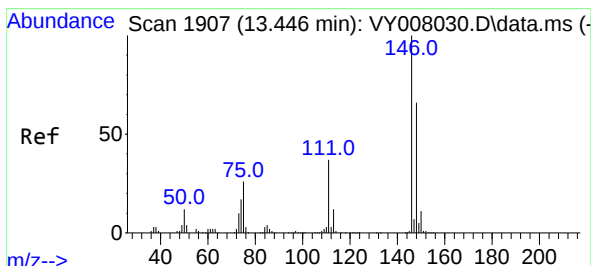
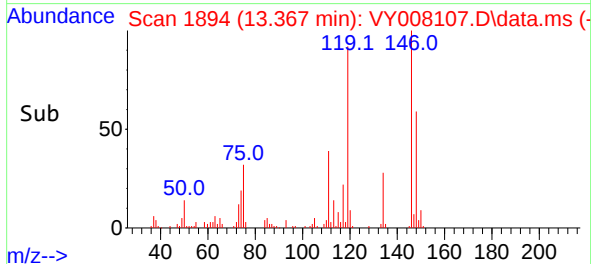
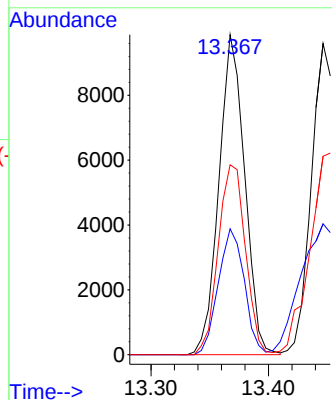
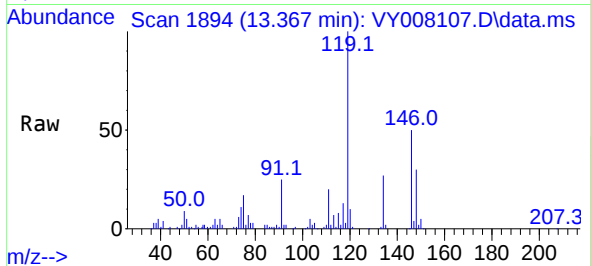




#87
1,3-Dichlorobenzene
Concen: 1.924 ug/l
RT: 13.367 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

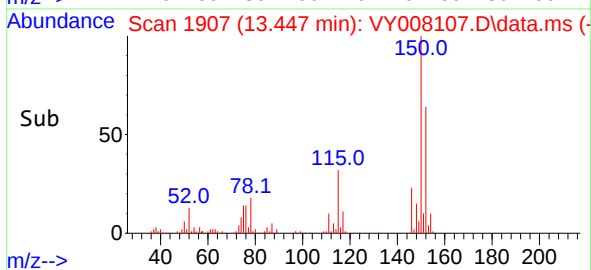
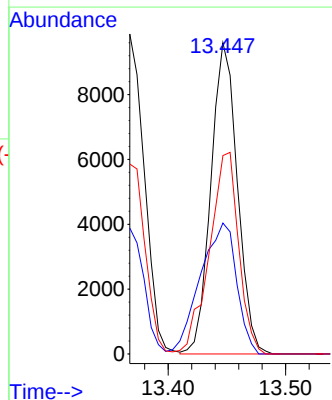
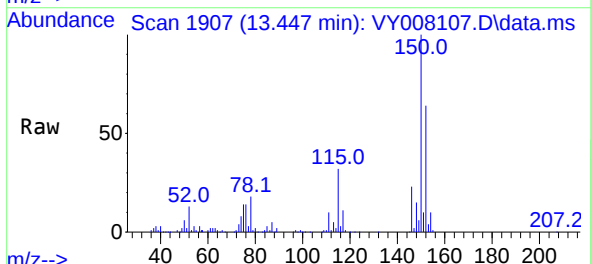
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

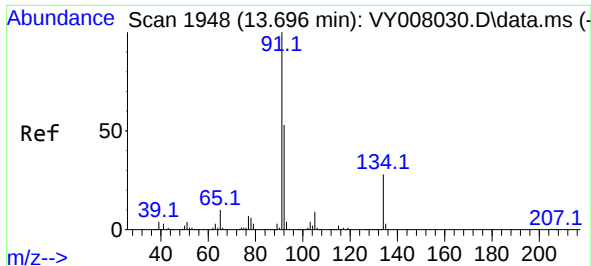
Tgt Ion:146	Resp:	15067
Ion Ratio	Lower	Upper
146	100	
111	39.7	19.5 58.5
148	62.7	31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 1.925 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:146	Resp:	15038
Ion Ratio	Lower	Upper
146	100	
111	57.7	19.3 57.8
148	71.6	32.6 97.8

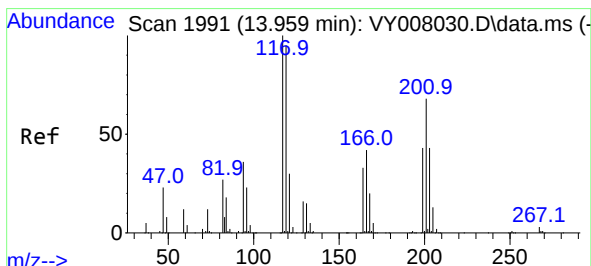
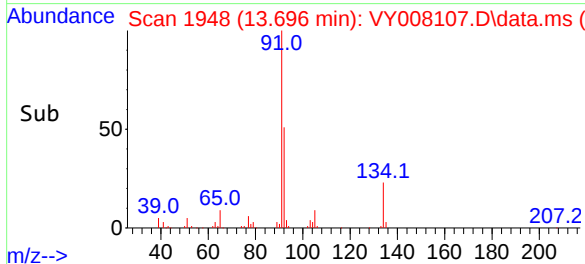
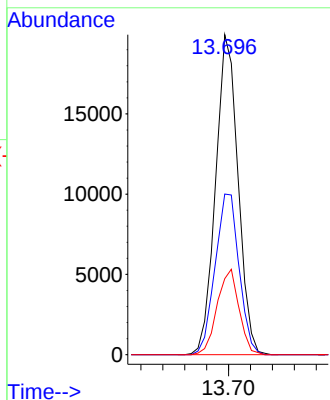
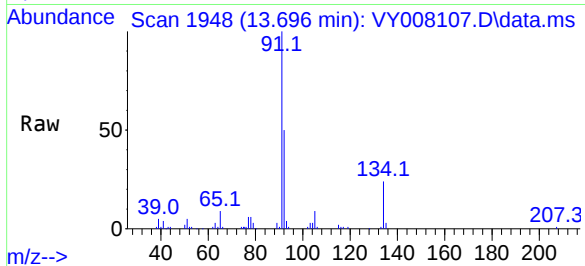




#89
n-Butylbenzene
Concen: 1.997 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

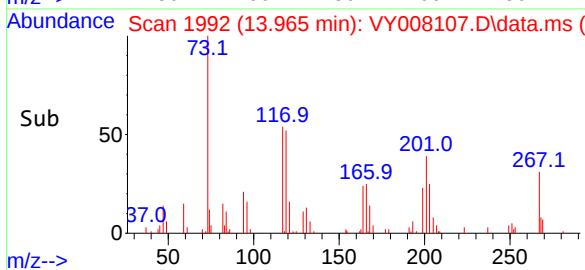
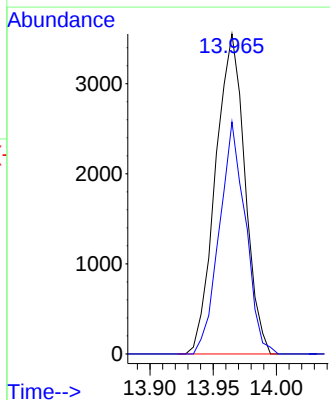
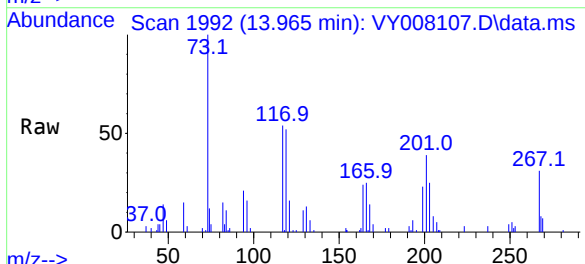
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

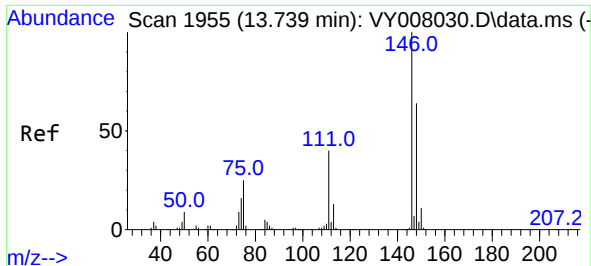
Tgt Ion:	91	Resp:	28368
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.3	78.9
134	26.0	13.0	38.9



#90
Hexachloroethane
Concen: 1.917 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:	117	Resp:	5735
Ion	Ratio	Lower	Upper
117	100		
201	64.5	43.0	128.8

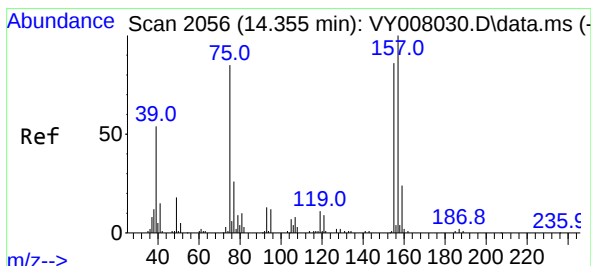
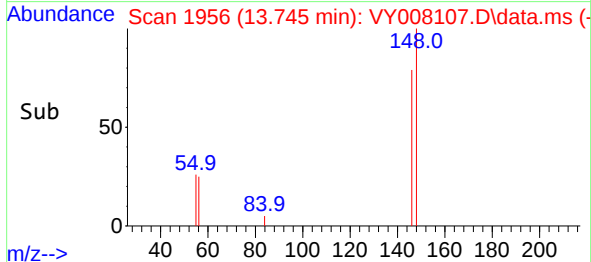
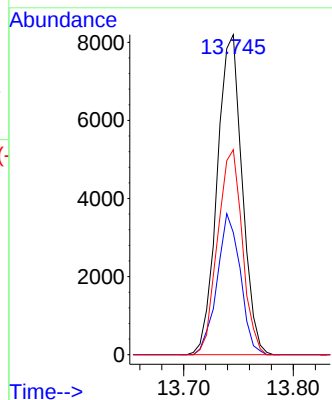
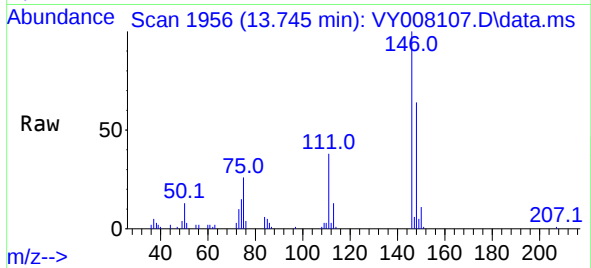




#91
1,2-Dichlorobenzene
Concen: 1.882 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

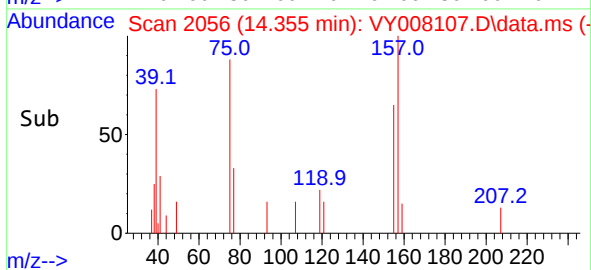
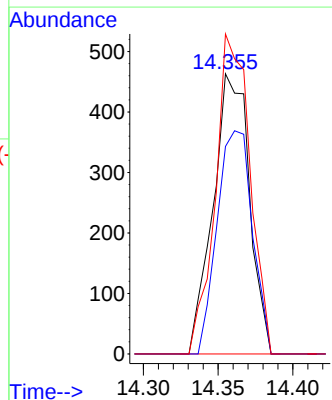
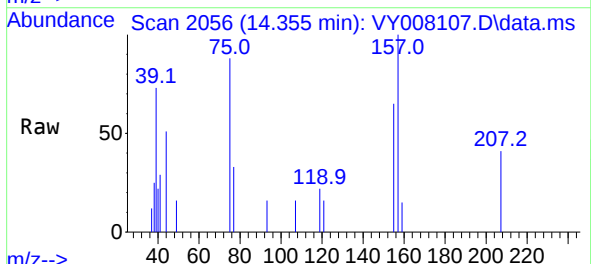
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

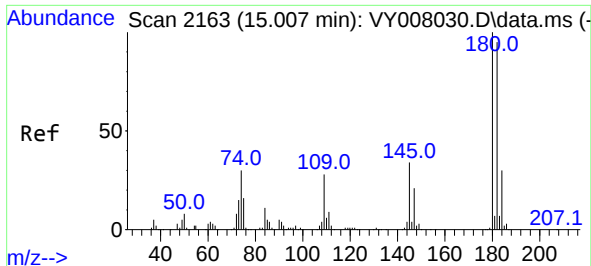
Tgt Ion:146	Resp:	12976
Ion	Ratio	Lower Upper
146	100	
111	41.0	20.3 60.9
148	63.2	32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.460 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion: 75	Resp:	780
Ion	Ratio	Lower Upper
75	100	
155	77.6	38.0 113.9
157	108.6	47.8 143.3

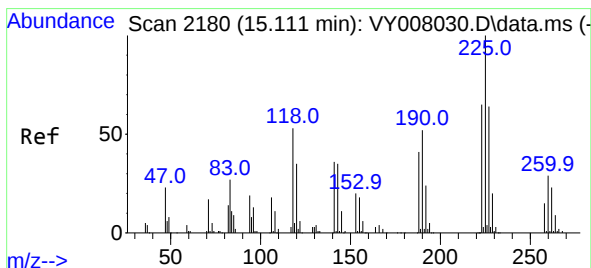
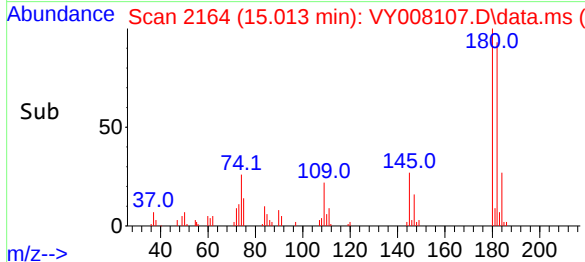
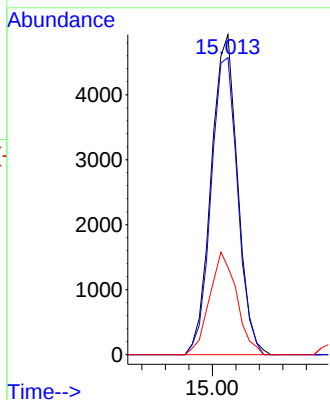
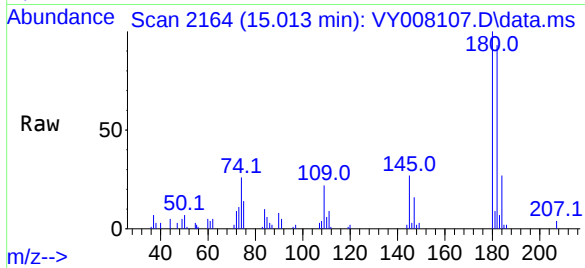




#93
1,2,4-Trichlorobenzene
Concen: 1.857 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

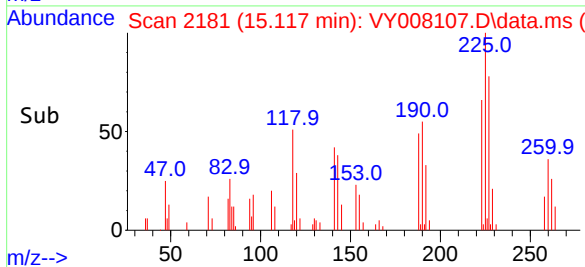
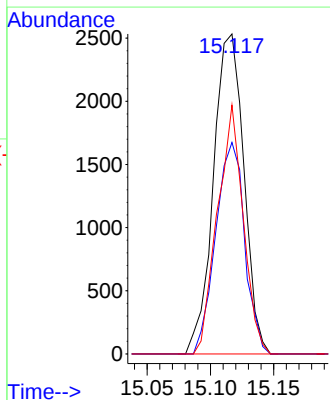
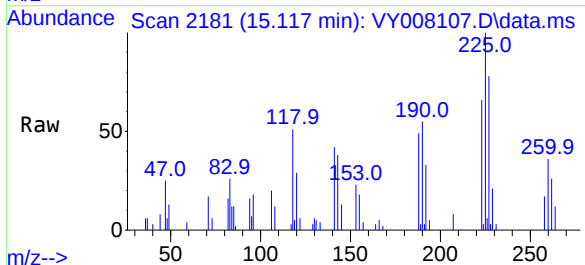
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT1-2022

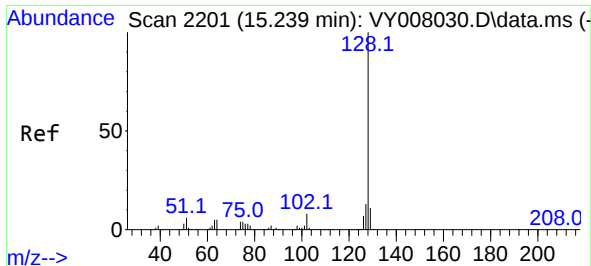
Tgt Ion:	180	Resp:	7672
Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	141.9
145	33.1	14.6	43.8



#94
Hexachlorobutadiene
Concen: 1.941 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:	225	Resp:	4241
Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.8	92.3
227	65.9	31.6	94.7

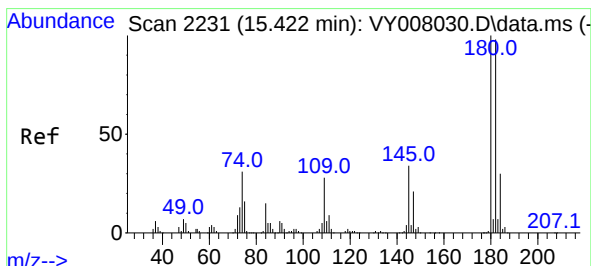
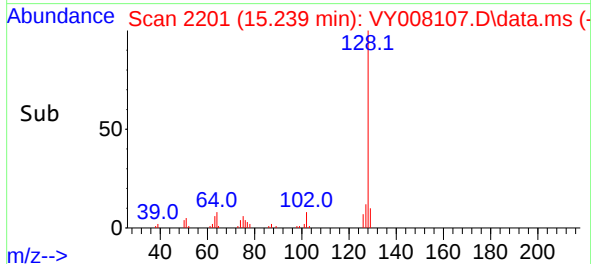
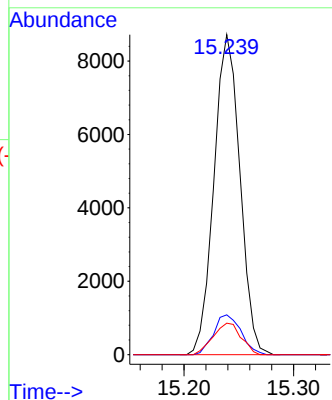
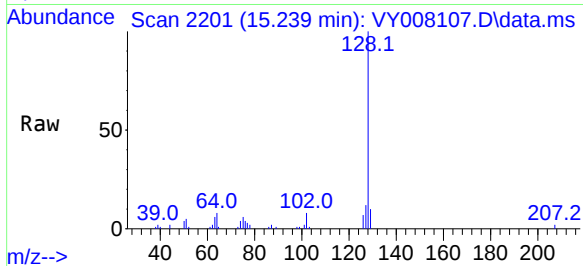




#95
Naphthalene
Concen: 1.573 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

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

Tgt Ion:	128	Resp:	14358
Ion Ratio	Lower	Upper	
128	100		
127	13.1	11.0	16.4
129	10.6	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.893 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008107.D
Acq: 30 Mar 2022 13:44

Tgt Ion:	180	Resp:	6766
Ion Ratio	Lower	Upper	
180	100		
182	86.3	47.3	141.9
145	32.7	15.3	45.9

