

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020521\
 Data File : VY003987.D
 Acq On : 05 Feb 2021 14:28
 Operator : SY/MD
 Sample : L5214-03
 Misc : 5.00g/10mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-QT1-2021-01

Quant Time: Feb 06 03:44:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM012621SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 03:42:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	219792	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	205969	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	103171	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	95841	21.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.48%		
7) Chloroethane-d5	2.772	69	75034	22.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.68%		
11) 1,1-Dichloroethene-d2	3.863	63	129264	18.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	72.96%		
21) 2-Butanone-d5	6.905	46	68042	48.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.26%		
24) Chloroform-d	7.490	84	140847	21.68	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.72%		
26) 1,2-Dichloroethane-d4	8.149	65	99207	25.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.88%		
32) Benzene-d6	8.118	84	287837	23.07	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.28%		
36) 1,2-Dichloropropane-d6	9.130	67	86347	22.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.56%		
41) Toluene-d8	10.185	98	270891	22.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.12%		
43) trans-1,3-Dichloroprop...	10.441	79	48392	24.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.32%		
47) 2-Hexanone-d5	10.795	63	50035	49.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.00%		
56) 1,1,2,2-Tetrachloroeth...	12.562	84	76141	21.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.32%		
66) 1,2-Dichlorobenzene-d4	13.727	152	92985	23.39	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.56%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	4425	1.04	ug/L	98
3) Chloromethane	2.119	50	5375	1.12	ug/L	97
5) Vinyl chloride	2.259	62	5237	1.13	ug/L #	63
6) Bromomethane	2.668	94	2751	1.00	ug/L	90
8) Chloroethane	2.808	64	2827	0.97	ug/L	87
9) Trichlorofluoromethane	3.137	101	6302	1.11	ug/L	97
12) 1,1-Dichloroethene	3.881	96	4143	1.33	ug/L #	1
14) Carbon disulfide	4.216	76	11005	1.03	ug/L	98
15) Methyl Acetate	4.497	43	2706	1.09	ug/L #	73
19) 1,1-Dichloroethane	6.039	63	5733	0.94	ug/L	92
23) Bromochloromethane	7.350	128	1654	1.00	ug/L #	69
25) Chloroform	7.521	83	10929	1.78	ug/L	96
27) 1,2-Dichloroethane	8.240	62	4995	1.09	ug/L #	88
29) Cyclohexane	7.789	56	5841	1.00	ug/L	94
30) 1,1,1-Trichloroethane	7.716	97	5822	1.06	ug/L #	79
31) Carbon tetrachloride	7.917	117	5105	1.04	ug/L	98
33) Benzene	8.173	78	13822	1.05	ug/L	100
34) Trichloroethene	8.947	95	3569	1.02	ug/L	88
37) 1,2-Dichloropropane	9.222	63	3335	0.94	ug/L	99
38) Bromodichloromethane	9.502	83	4667	1.00	ug/L	98

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

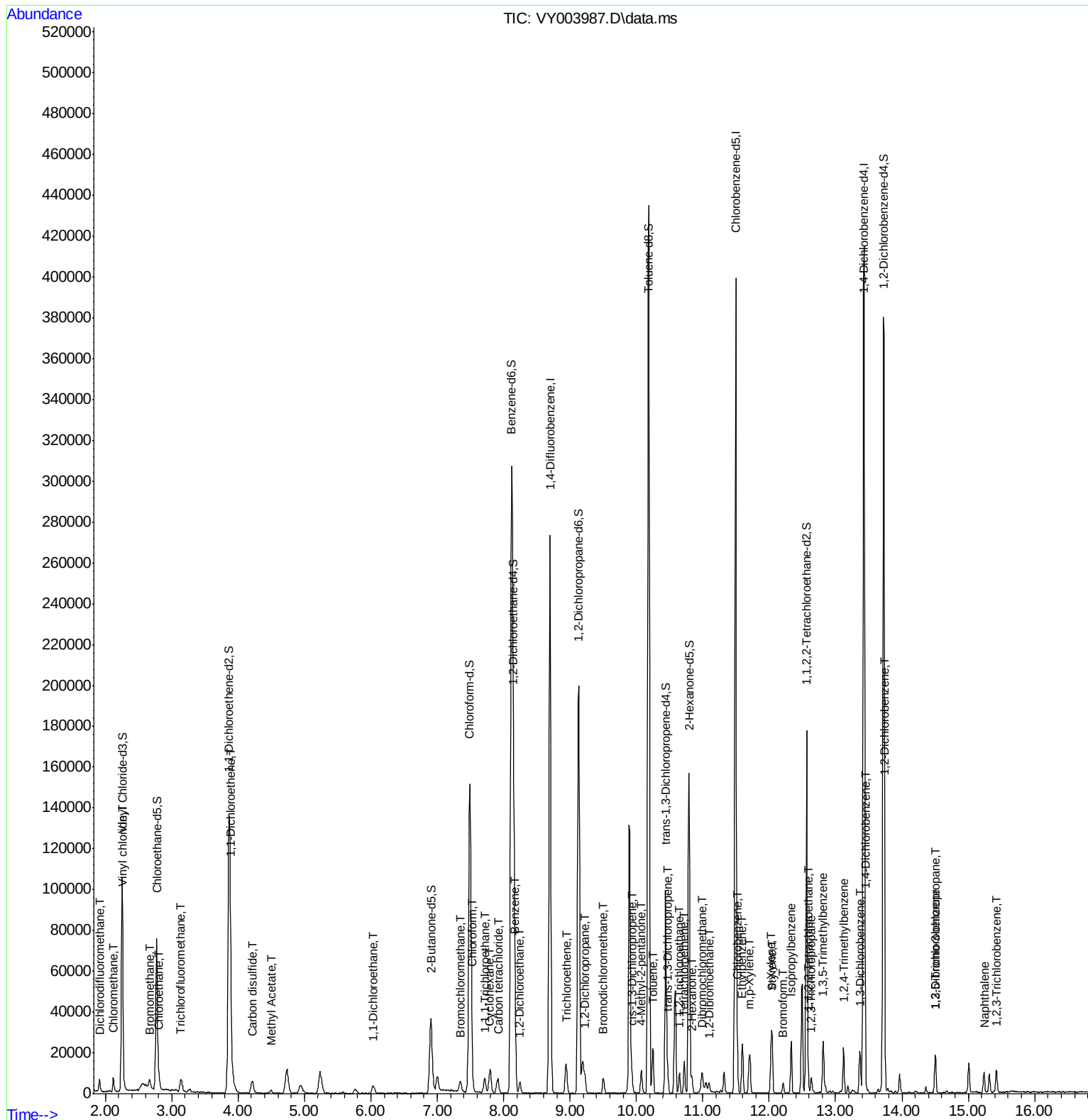
39) cis-1,3-Dichloropropene	9.935	75	5579	1.01	ug/L	93
40) 4-Methyl-2-pentanone	10.075	43	7195	2.09	ug/L	95
42) Toluene	10.246	91	15334	1.06	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	7587	1.47	ug/L	92
45) 1,1,2-Trichloroethane	10.648	97	2579	0.96	ug/L	86
46) Tetrachloroethene	10.721	164	3202	1.10	ug/L	84
48) 2-Hexanone	10.837	43	5325	2.16	ug/L	94
49) Dibromochloromethane	10.990	129	3315	1.00	ug/L	98
50) 1,2-Dibromoethane	11.093	107	2504	0.95	ug/L #	84
51) Chlorobenzene	11.520	112	9175	1.02	ug/L	91
52) Ethylbenzene	11.593	91	15492	0.96	ug/L	93
53) m,p-Xylene	11.703	106	6150	1.02	ug/L	93
54) o-Xylene	12.032	106	5314	0.92	ug/L	91
55) Styrene	12.044	104	9487	0.95	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.587	83	3852	1.11	ug/L #	98
59) Bromoform	12.209	173	2341	1.09	ug/L #	94
60) Isopropylbenzene	12.331	105	14935	1.01	ug/L	96
61) 1,2,3-Trichloropropane	12.636	75	2704	1.04	ug/L	97
62) 1,3,5-Trimethylbenzene	12.812	105	12512	1.00	ug/L	97
63) 1,2,4-Trimethylbenzene	13.123	105	12117	0.98	ug/L	96
64) 1,3-Dichlorobenzene	13.367	146	7004	1.03	ug/L	92
65) 1,4-Dichlorobenzene	13.446	146	7626	1.12	ug/L	97
67) 1,2-Dichlorobenzene	13.739	146	7024	1.11	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.501	75	1007	1.58	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.501	180	5826	1.17	ug/L	96
71) Naphthalene	15.239	128	8647	1.00	ug/L	99
72) 1,2,3-Trichlorobenzene	15.428	180	3407	0.95	ug/L	91

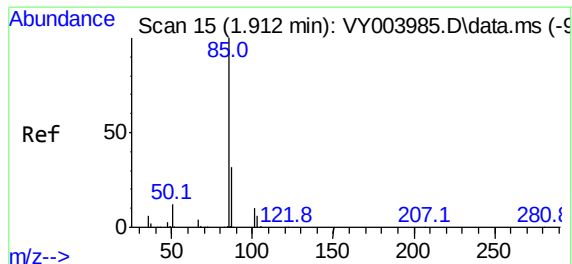
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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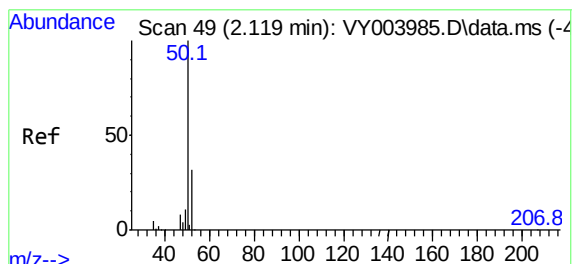
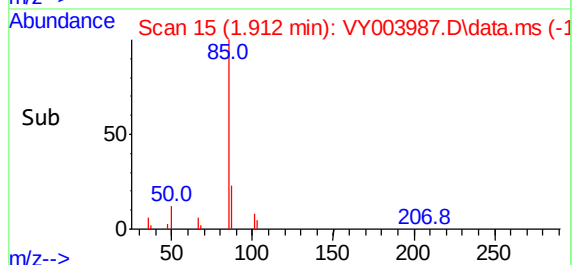
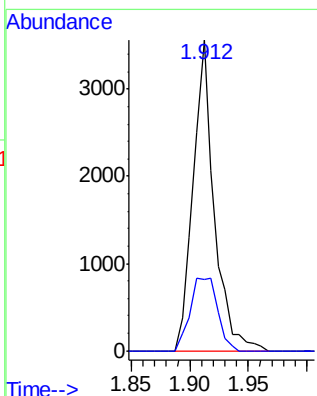
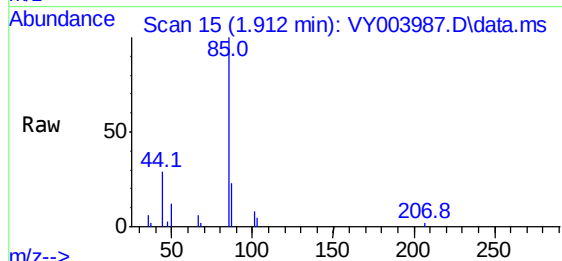




#2
Dichlorodifluoromethane
Concen: 1.04 ug/L
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

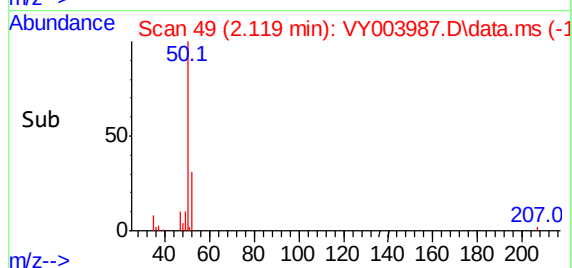
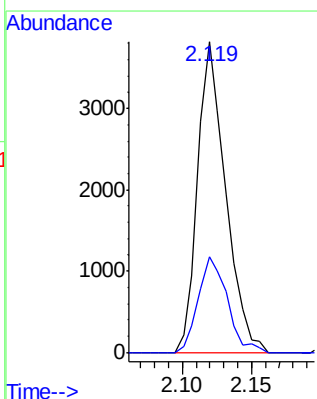
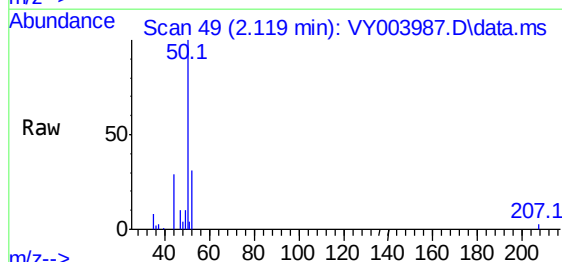
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

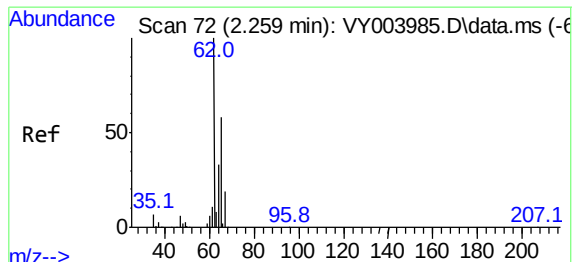
Tgt Ion: 85 Resp: 4425
Ion Ratio Lower Upper
85 100
87 30.5 25.4 38.2



#3
Chloromethane
Concen: 1.12 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 50 Resp: 5375
Ion Ratio Lower Upper
50 100
52 30.7 22.7 42.3

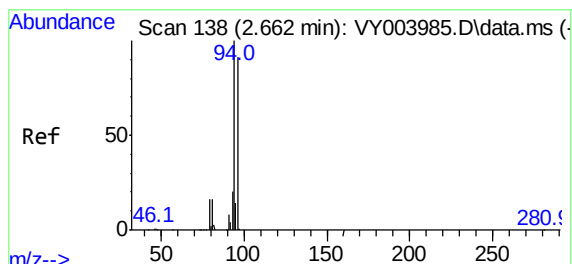
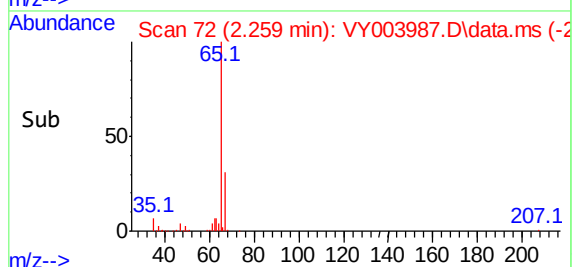
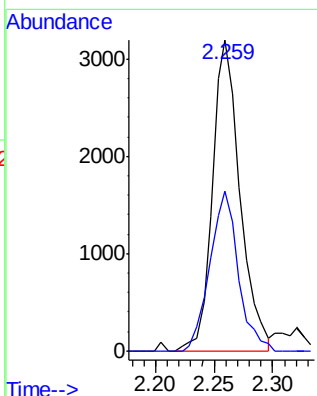
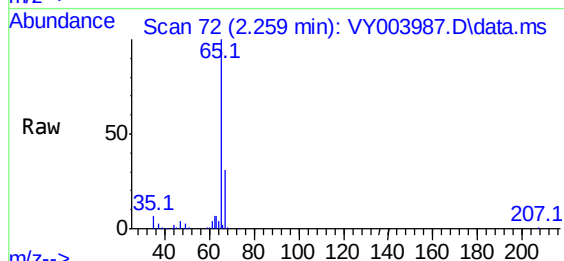




#5
Vinyl chloride
Concen: 1.13 ug/L
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY003987.D
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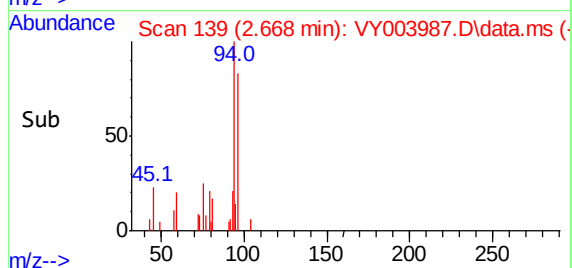
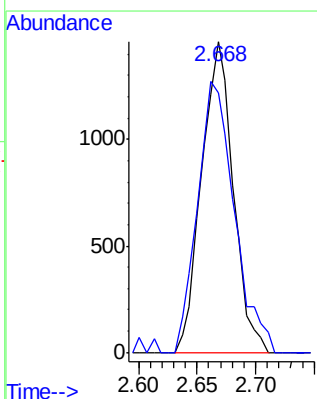
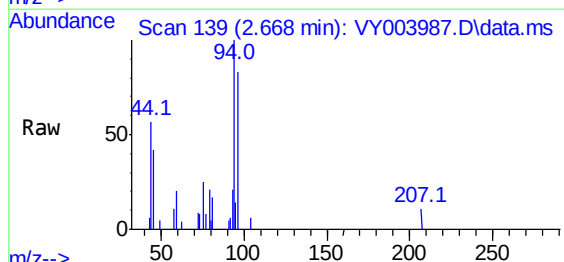
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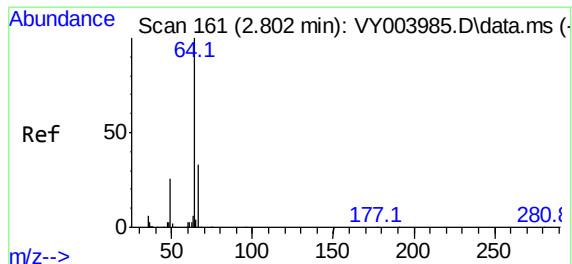
Tgt Ion: 62 Resp: 5237
Ion Ratio Lower Upper
62 100
64 51.5 21.9 40.7#



#6
Bromomethane
Concen: 1.00 ug/L
RT: 2.668 min Scan# 139
Delta R.T. 0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 94 Resp: 2751
Ion Ratio Lower Upper
94 100
96 83.4 65.2 121.0

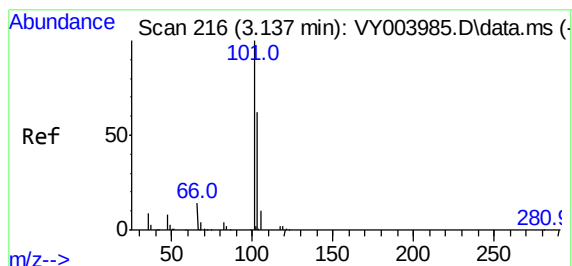
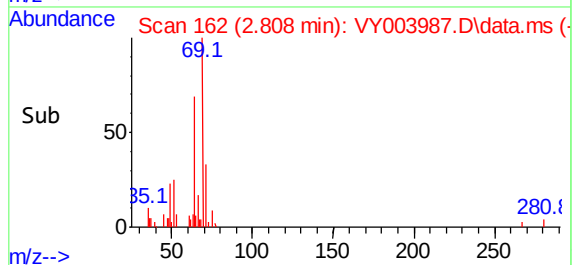
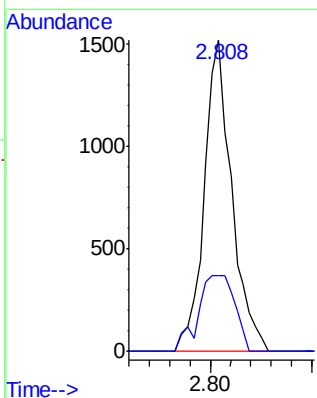
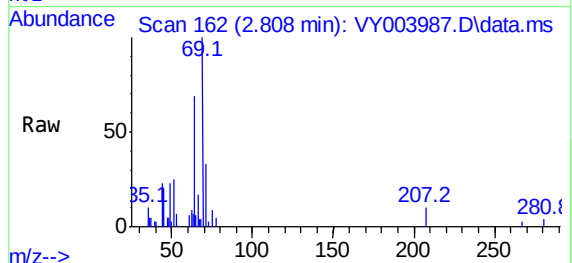




#8
Chloroethane
Concen: 0.97 ug/L
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

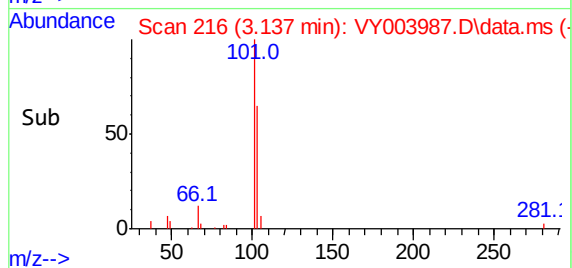
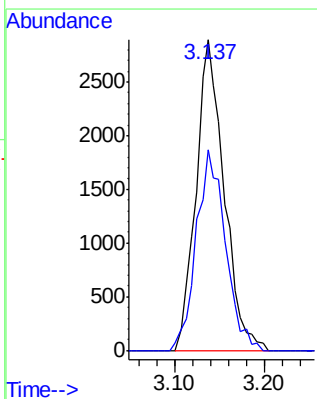
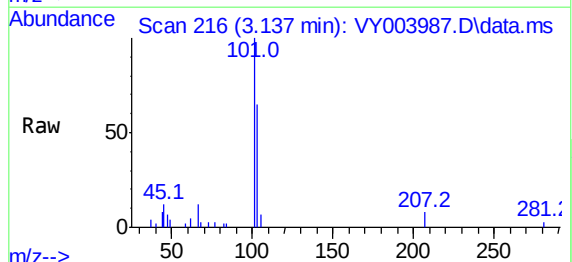
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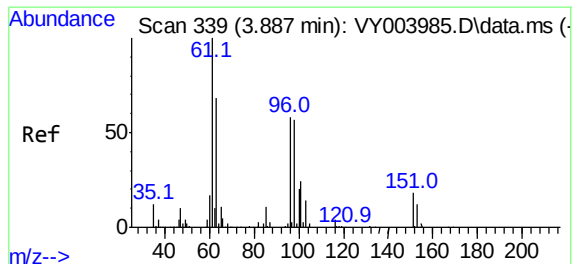
Tgt Ion: 64 Resp: 2827
Ion Ratio Lower Upper
64 100
66 24.3 22.2 41.2



#9
Trichlorofluoromethane
Concen: 1.11 ug/L
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 101 Resp: 6302
Ion Ratio Lower Upper
101 100
103 67.0 51.9 77.9

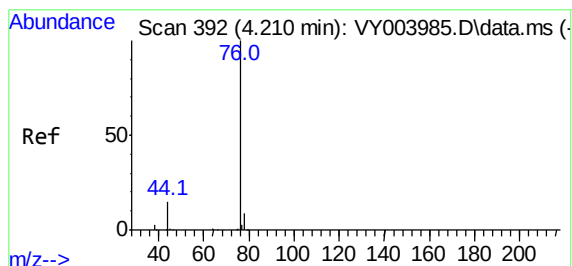
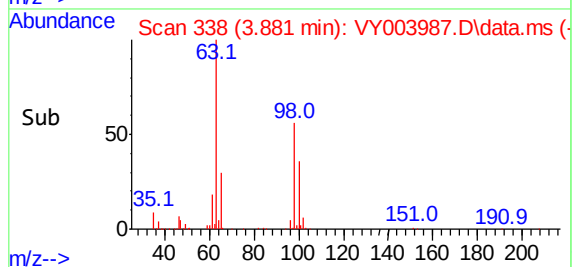
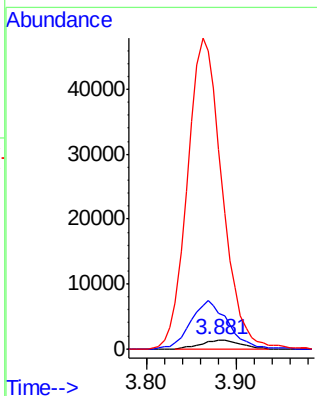
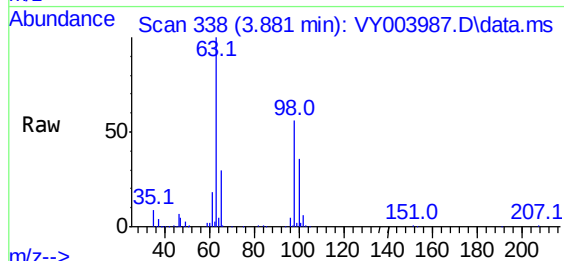




#12
1,1-Dichloroethene
Concen: 1.33 ug/L
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

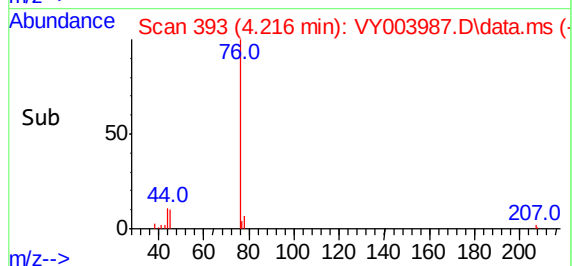
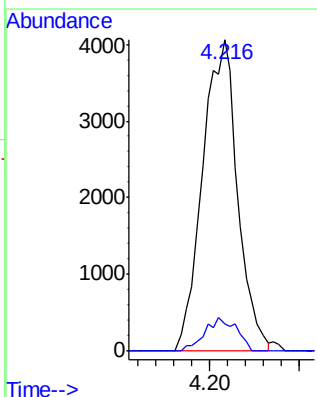
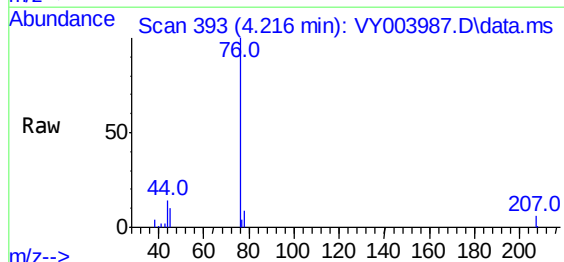
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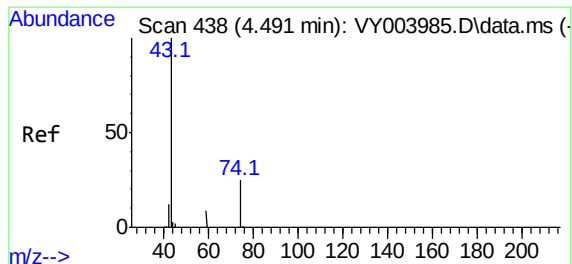
Tgt Ion: 96 Resp: 4143
Ion Ratio Lower Upper
96 100
61 384.0 106.1 197.1#
63 2150.0 62.9 116.9#



#14
Carbon disulfide
Concen: 1.03 ug/L
RT: 4.216 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 76 Resp: 11005
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

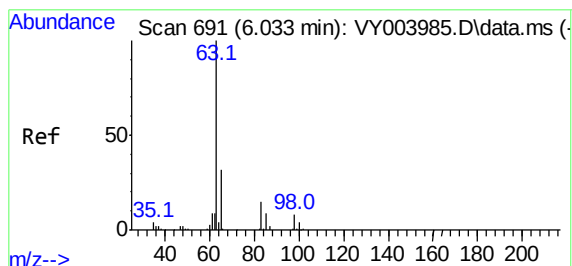
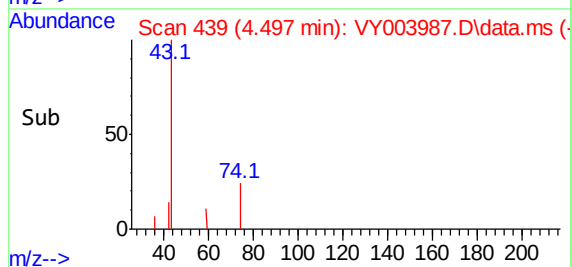
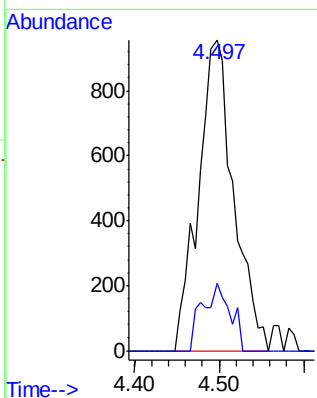
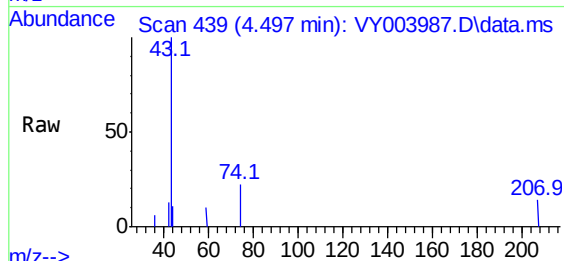




#15
Methyl Acetate
Concen: 1.09 ug/L
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

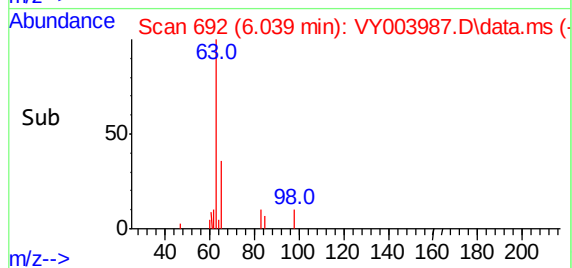
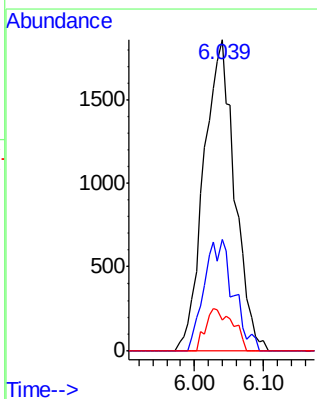
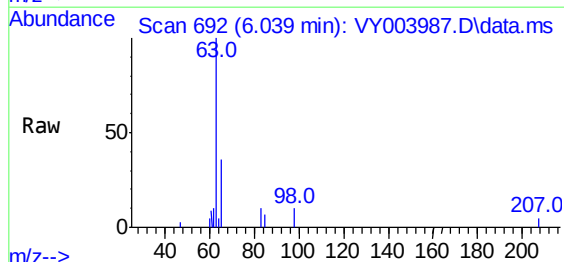
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ClientSampleId :
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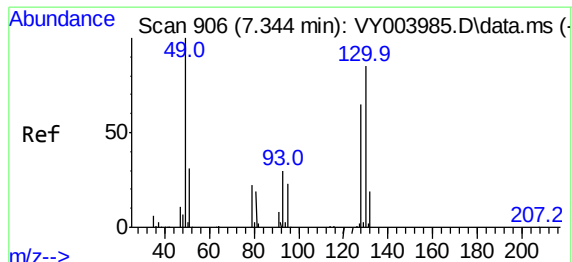
Tgt Ion: 43 Resp: 2706
Ion Ratio Lower Upper
43 100
74 9.8 18.2 27.2#



#19
1,1-Dichloroethane
Concen: 0.94 ug/L
RT: 6.039 min Scan# 692
Delta R.T. 0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 63 Resp: 5733
Ion Ratio Lower Upper
63 100
65 35.7 21.9 40.7
83 9.7 9.5 17.7



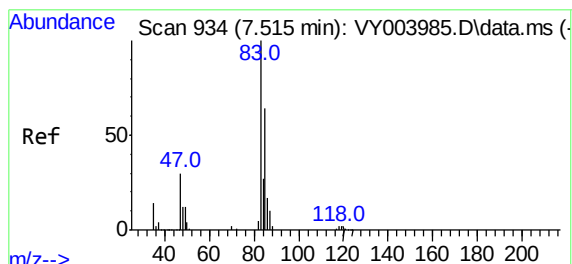
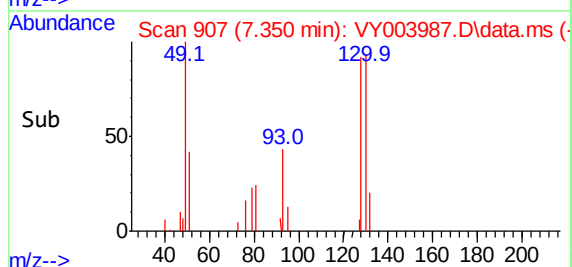
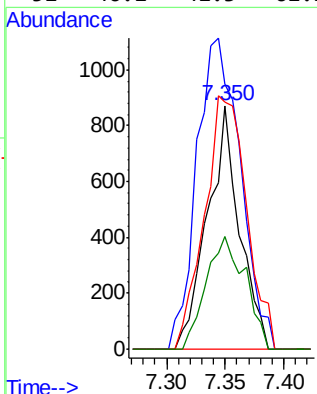
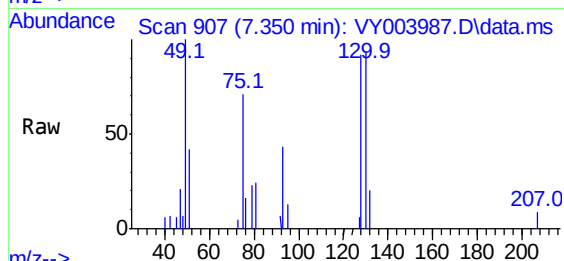


#23
Bromochloromethane
Concen: 1.00 ug/L
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY003987.D
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MDL-SOIL-QT1-2021-01

Tgt Ion:128 Resp: 1654

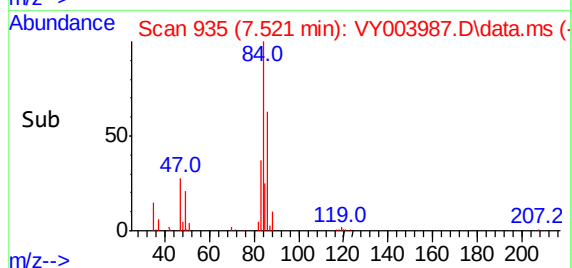
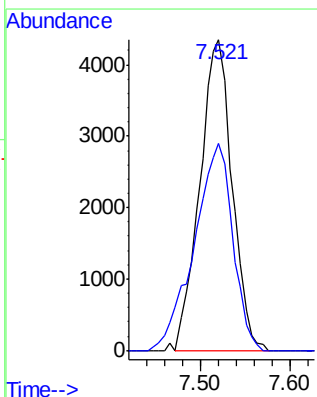
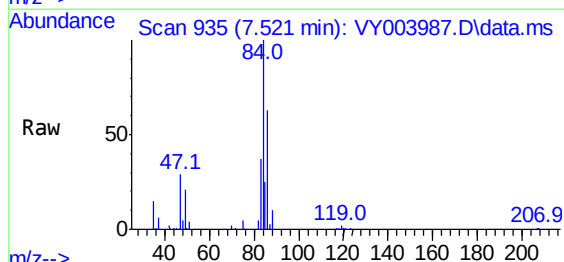
Ion	Ratio	Lower	Upper
128	100		
49	108.8	118.1	219.3#
130	101.6	90.5	168.1
51	46.1	41.3	61.9

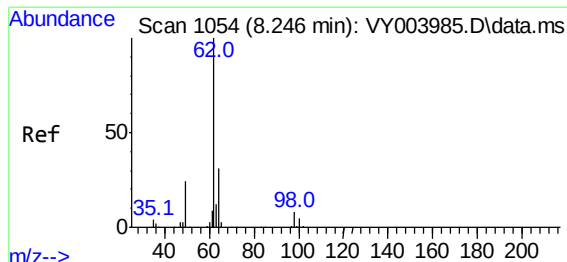


#25
Chloroform
Concen: 1.78 ug/L
RT: 7.521 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 83 Resp: 10929

Ion	Ratio	Lower	Upper
83	100		
85	66.5	44.4	82.4

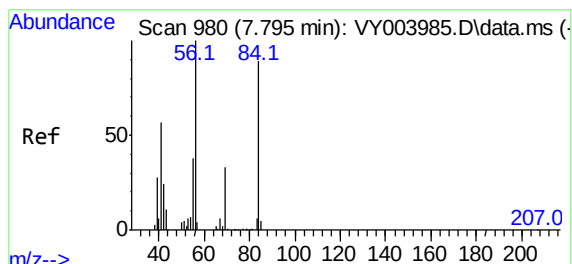
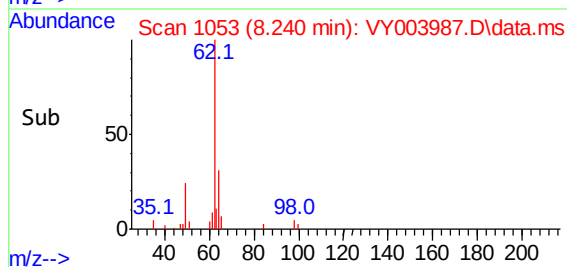
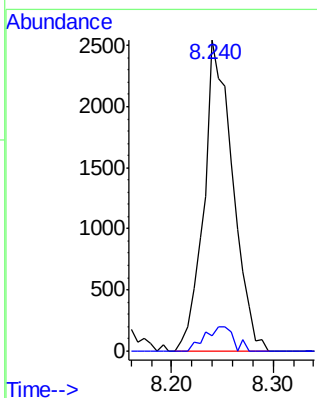
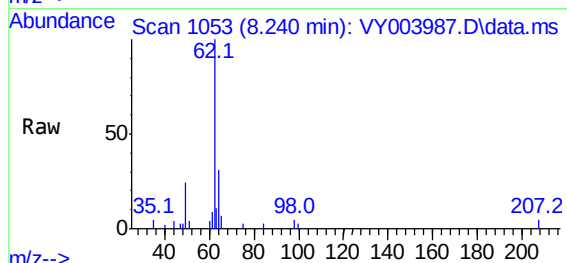




#27
1,2-Dichloroethane
Concen: 1.09 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

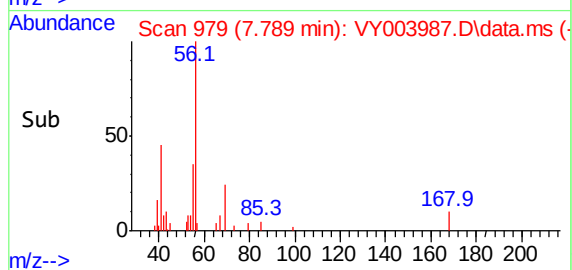
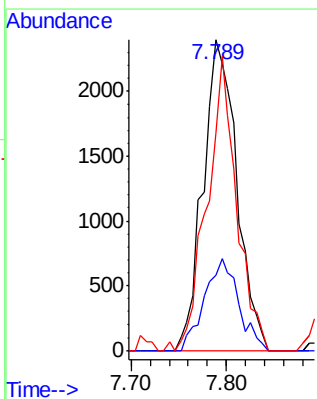
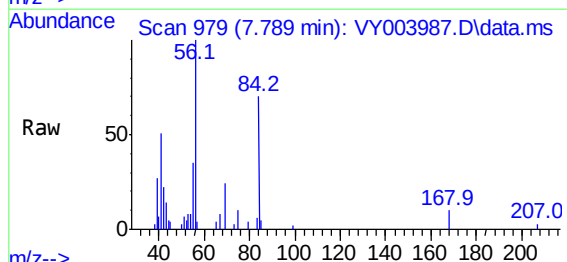
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

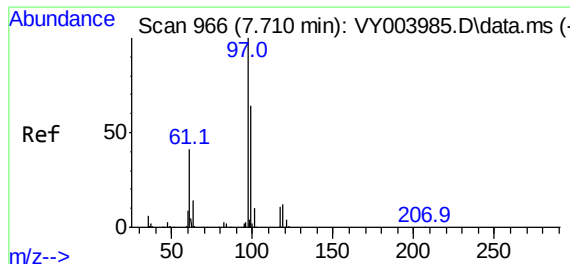
Tgt Ion: 62 Resp: 4995
Ion Ratio Lower Upper
62 100
98 4.9 7.5 11.3#



#29
Cyclohexane
Concen: 1.00 ug/L
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 56 Resp: 5841
Ion Ratio Lower Upper
56 100
69 29.8 23.9 35.9
84 82.7 71.9 107.9

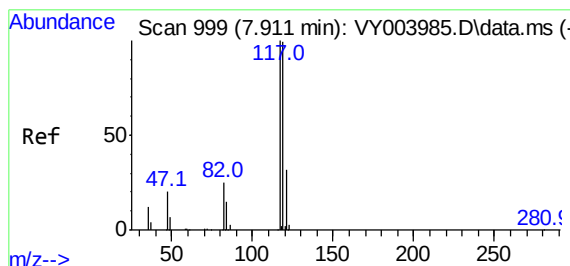
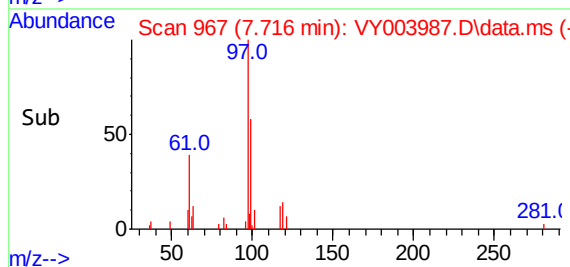
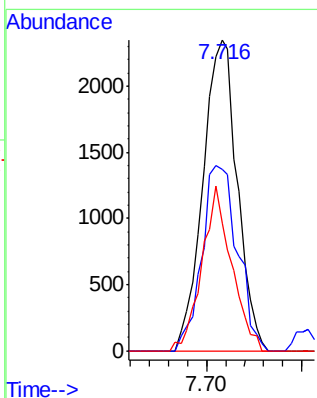
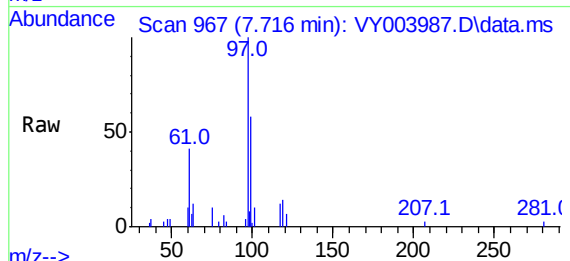




#30
1,1,1-Trichloroethane
Concen: 1.06 ug/L
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

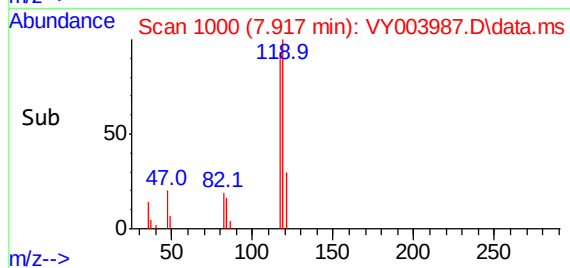
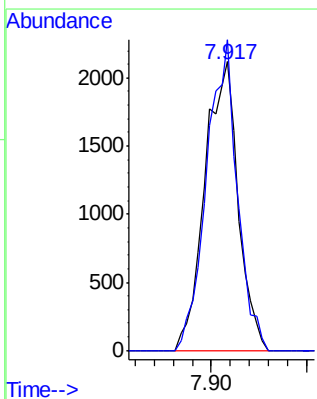
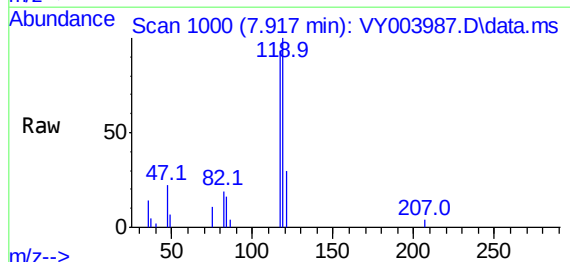
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

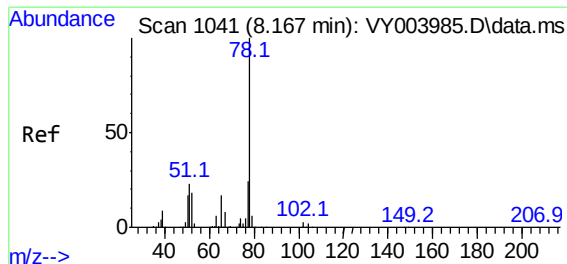
Tgt Ion: 97 Resp: 5822
Ion Ratio Lower Upper
97 100
99 37.8 50.6 76.0#
61 45.7 34.3 51.5



#31
Carbon tetrachloride
Concen: 1.04 ug/L
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

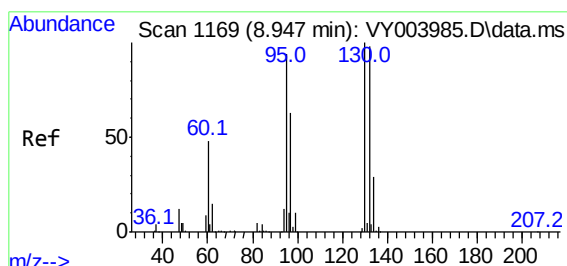
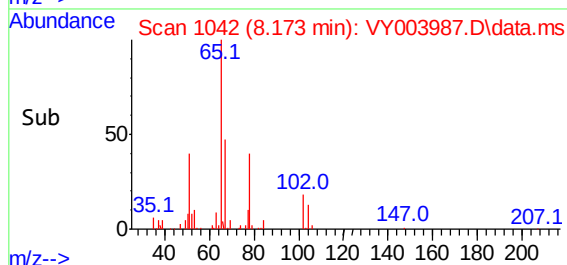
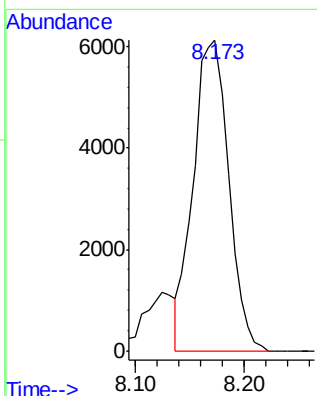
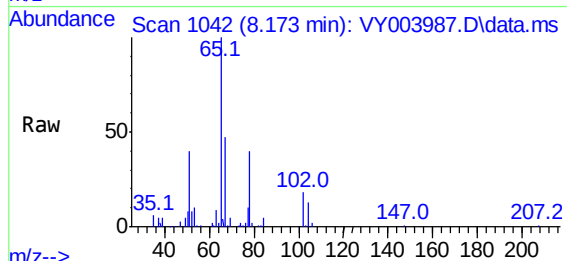
Tgt Ion:117 Resp: 5105
Ion Ratio Lower Upper
117 100
119 99.0 77.7 116.5





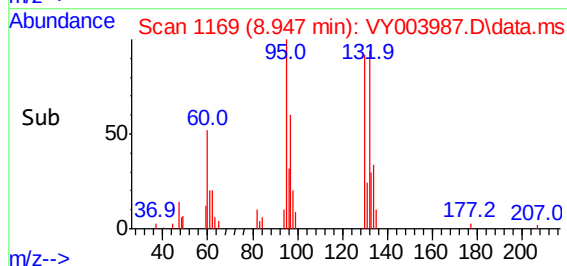
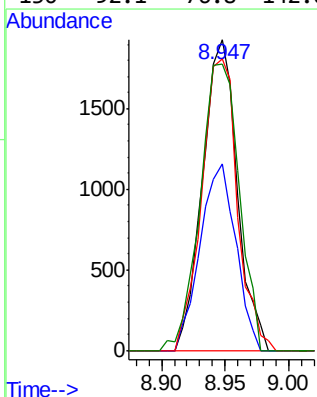
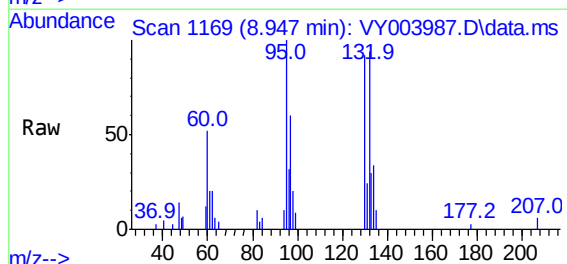
#33
Benzene
Concen: 1.05 ug/L
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28
Tgt Ion: 78 Resp: 13822

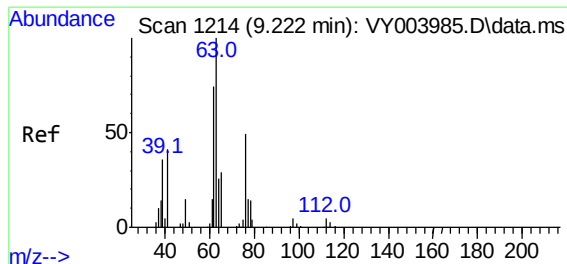
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01



#34
Trichloroethene
Concen: 1.02 ug/L
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28
Tgt Ion: 95 Resp: 3569

Ion	Ratio	Lower	Upper
95	100		
97	60.0	44.7	83.1
132	94.0	74.7	138.7
130	92.1	76.8	142.6

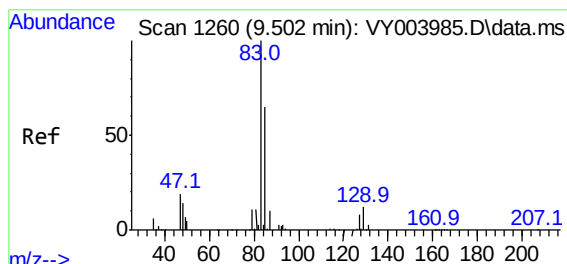
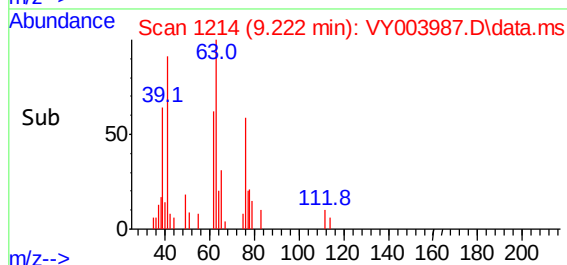
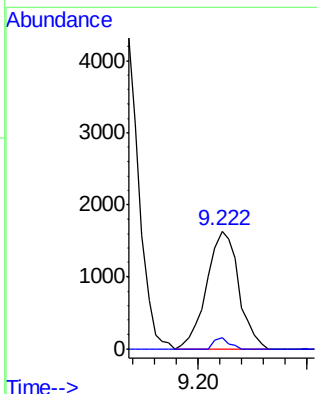
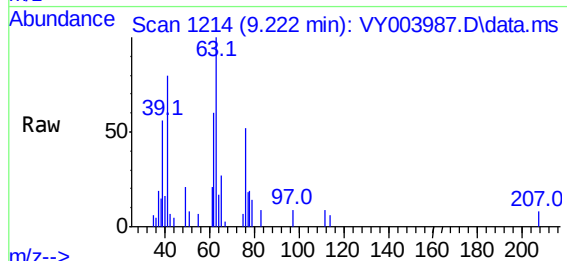




#37
1,2-Dichloropropane
Concen: 0.94 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

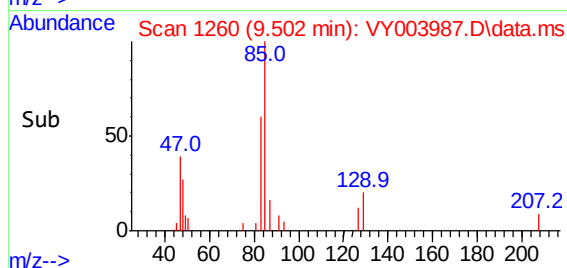
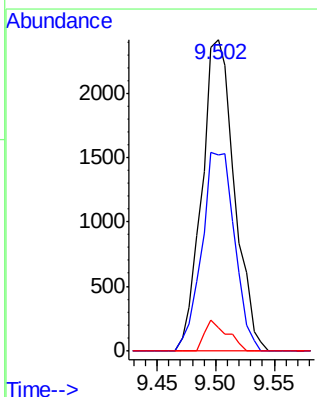
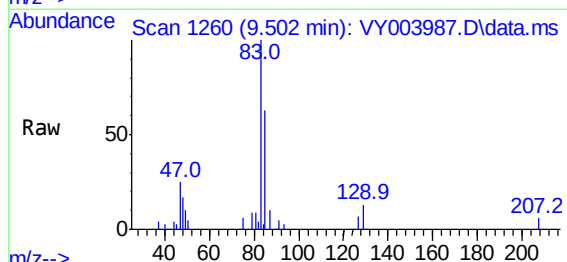
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

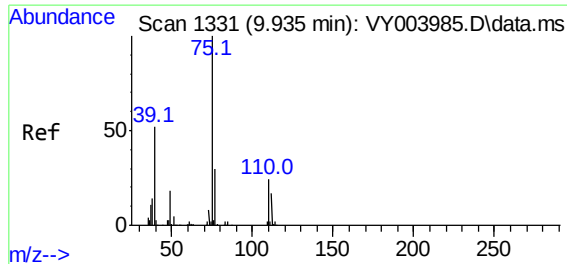
Tgt Ion: 63 Resp: 3335
Ion Ratio Lower Upper
63 100
112 4.3 3.7 5.5



#38
Bromodichloromethane
Concen: 1.00 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 83 Resp: 4667
Ion Ratio Lower Upper
83 100
85 62.8 43.1 80.1
127 7.3 7.1 10.7

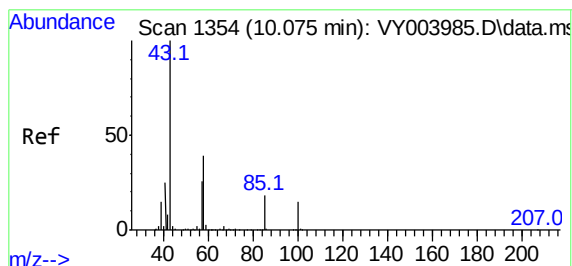
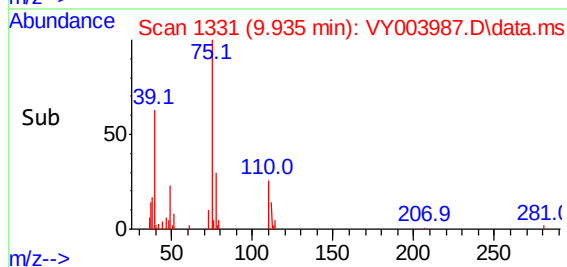
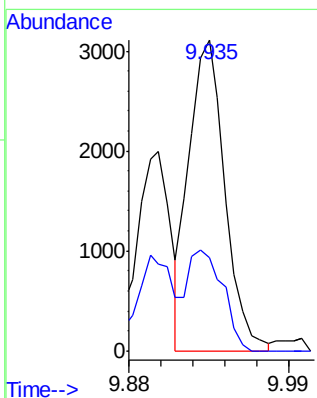
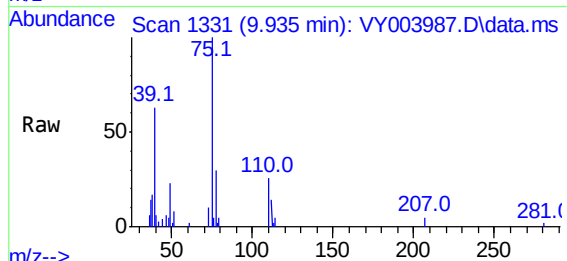




#39
cis-1,3-Dichloropropene
Concen: 1.01 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

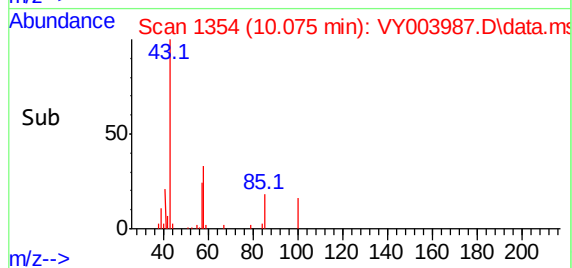
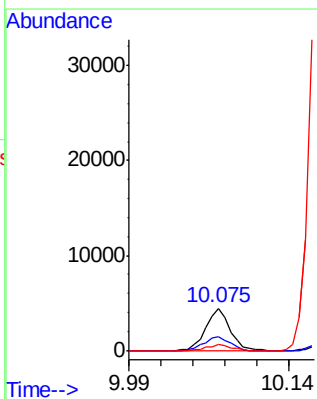
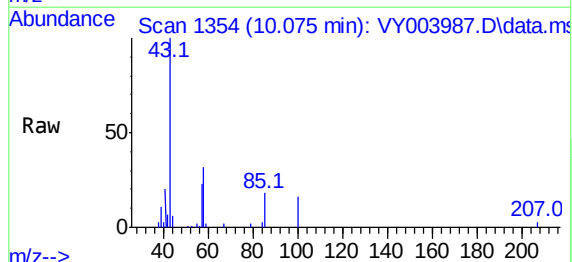
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

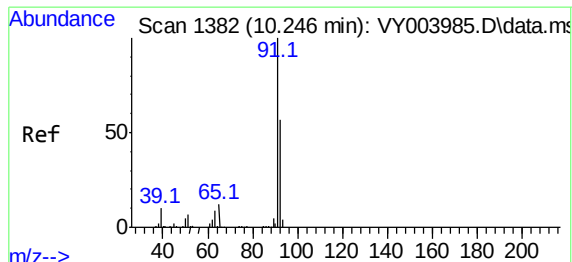
Tgt Ion: 75 Resp: 5579
Ion Ratio Lower Upper
75 100
77 29.8 23.5 43.7



#40
4-Methyl-2-pentanone
Concen: 2.09 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 43 Resp: 7195
Ion Ratio Lower Upper
43 100
58 34.5 30.7 46.1
100 14.0 12.1 18.1

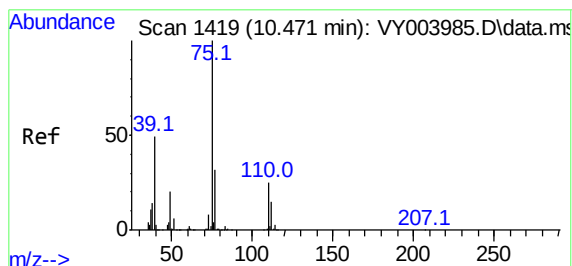
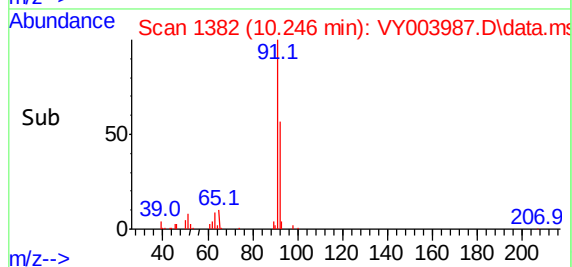
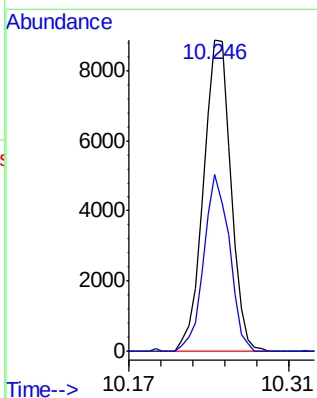
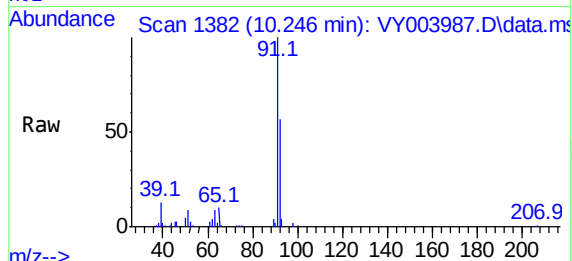




#42
Toluene
Concen: 1.06 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

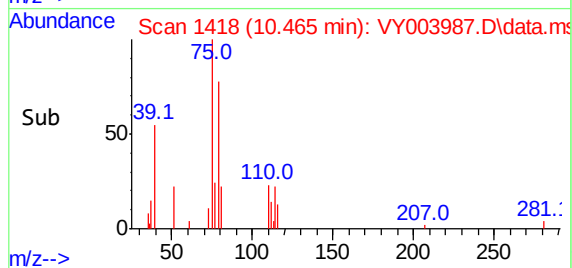
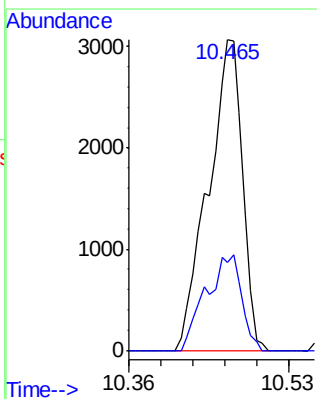
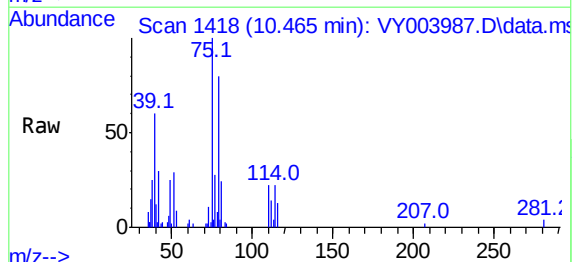
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

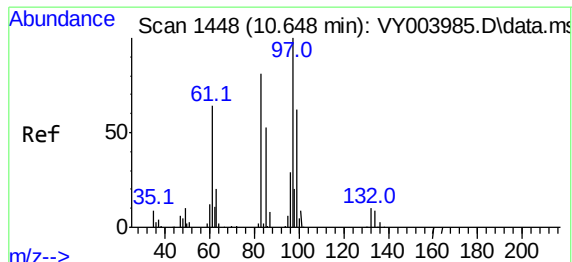
Tgt Ion: 91 Resp: 15334
Ion Ratio Lower Upper
91 100
92 56.8 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 1.47 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 75 Resp: 7587
Ion Ratio Lower Upper
75 100
77 28.3 22.9 42.5



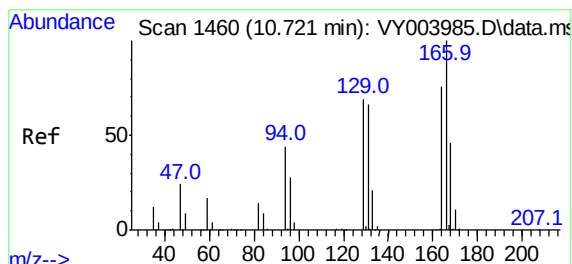
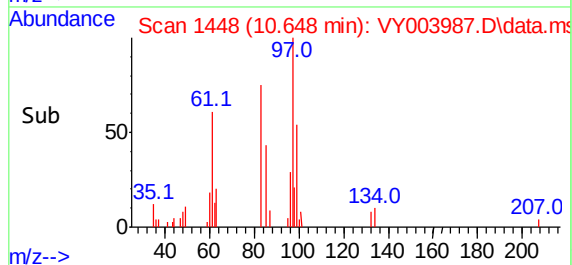
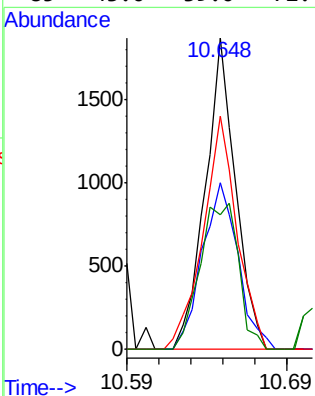
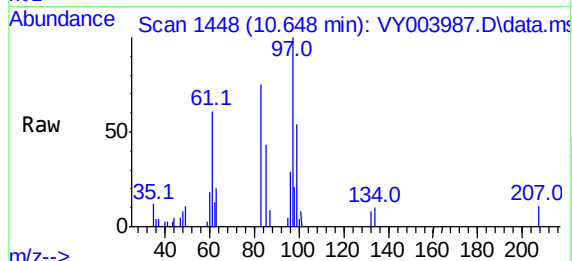


#45
1,1,2-Trichloroethane
Concen: 0.96 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

Tgt Ion: 97 Resp: 2579

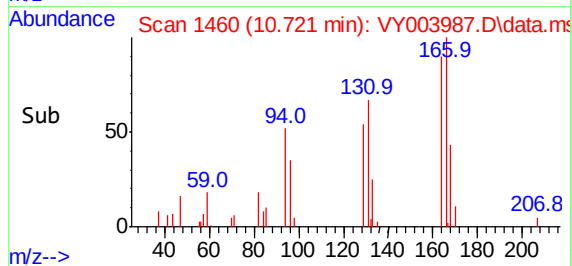
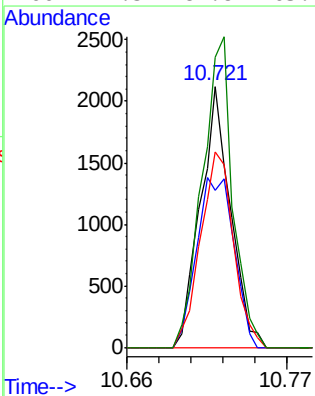
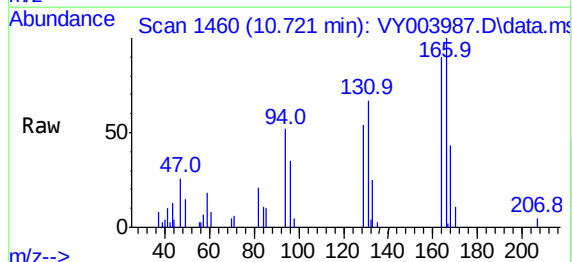
Ion	Ratio	Lower	Upper
97	100		
99	53.6	45.1	83.9
83	74.7	59.7	110.9
85	43.0	39.0	72.4

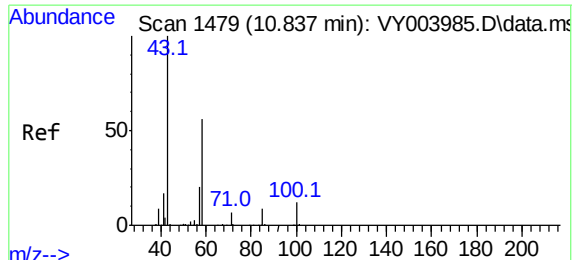


#46
Tetrachloroethene
Concen: 1.10 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 164 Resp: 3202

Ion	Ratio	Lower	Upper
164	100		
129	60.5	58.9	109.5
131	74.9	59.0	109.6
166	111.5	87.8	163.0



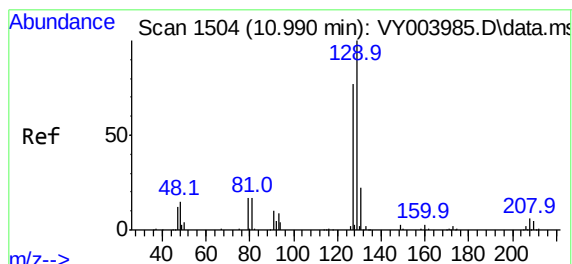
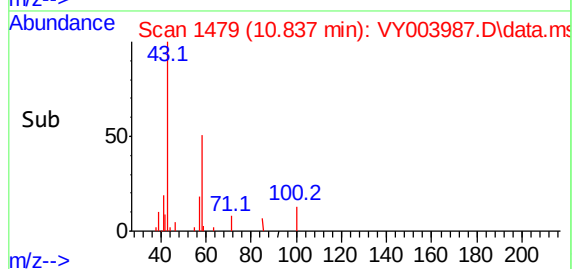
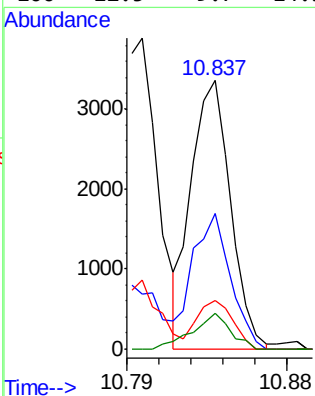
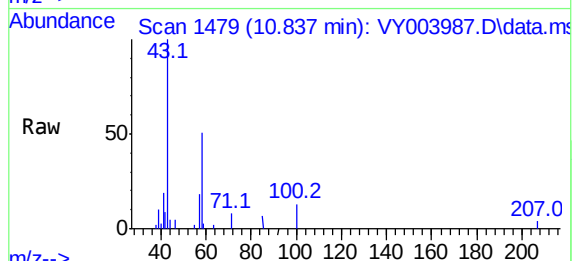


#48
2-Hexanone
Concen: 2.16 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

Tgt Ion: 43 Resp: 5325

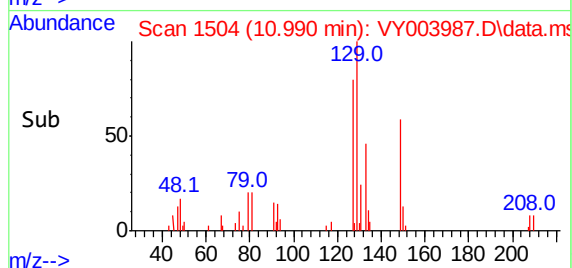
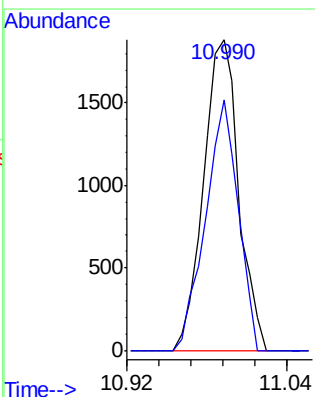
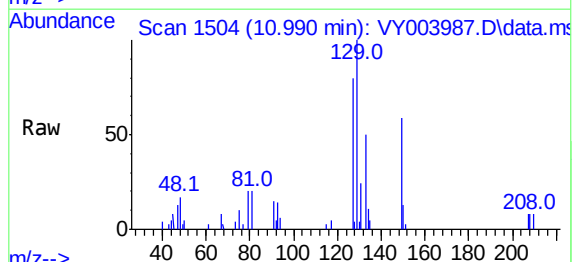
Ion	Ratio	Lower	Upper
43	100		
58	48.4	43.0	64.6
57	16.3	14.6	21.8
100	12.5	9.7	14.5

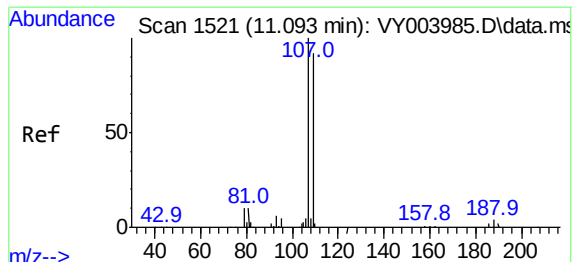


#49
Dibromochloromethane
Concen: 1.00 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 129 Resp: 3315

Ion	Ratio	Lower	Upper
129	100		
127	80.5	55.0	102.2

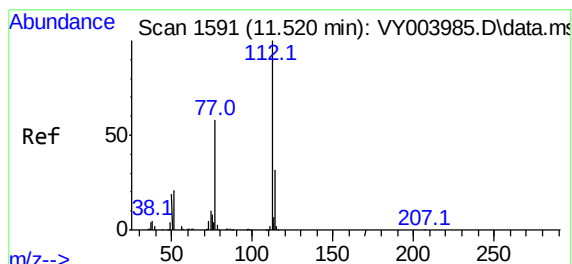
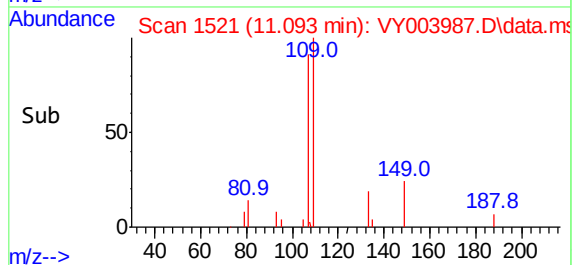
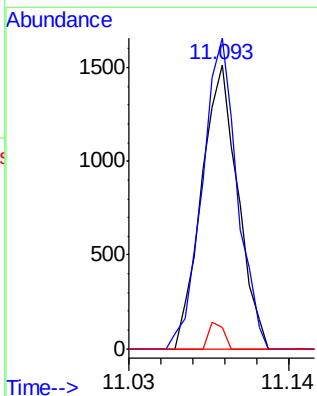
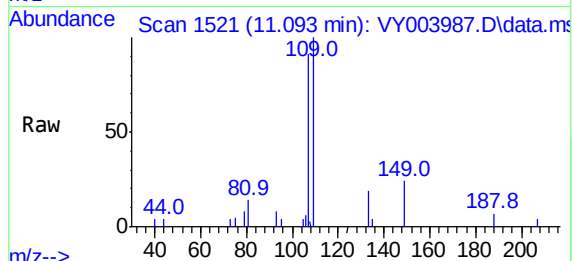




#50
1,2-Dibromoethane
Concen: 0.95 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

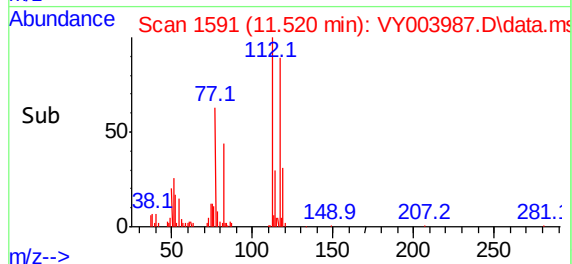
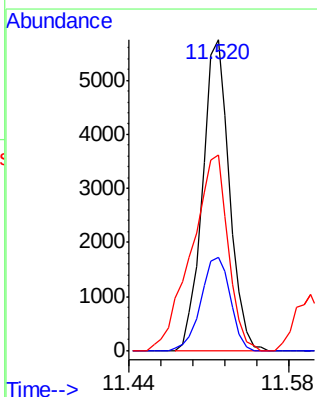
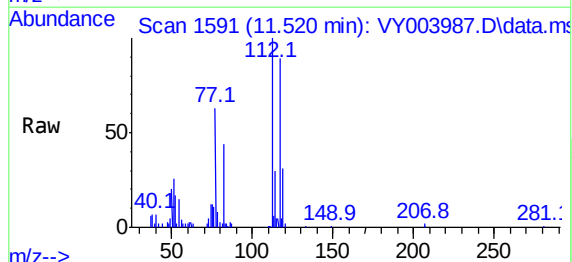
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

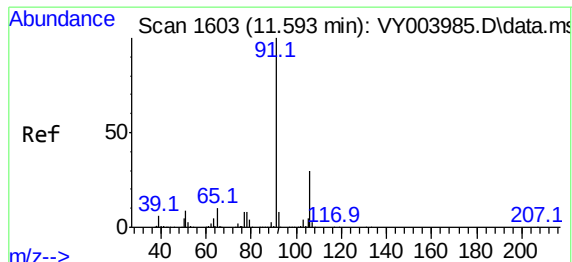
Tgt Ion:107 Resp: 2504
Ion Ratio Lower Upper
107 100
109 109.3 65.5 121.7
188 7.5 3.8 5.8#



#51
Chlorobenzene
Concen: 1.02 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion:112 Resp: 9175
Ion Ratio Lower Upper
112 100
114 29.8 22.2 41.2
77 63.0 43.8 65.6

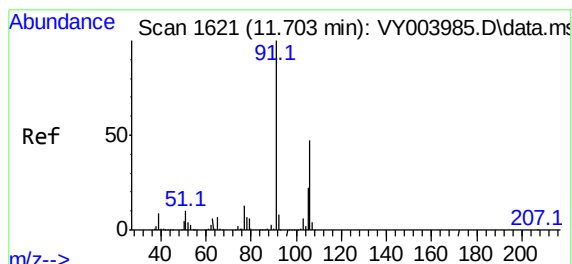
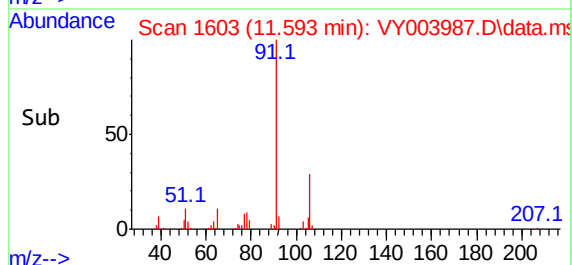
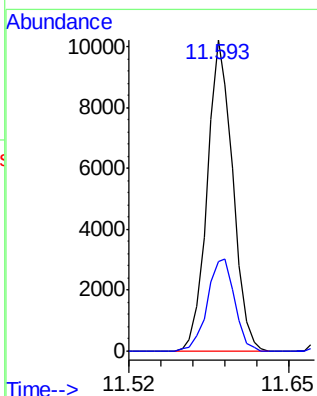
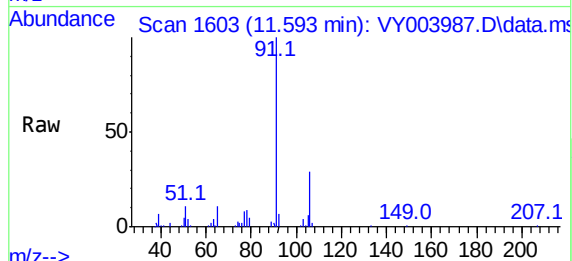




#52
Ethylbenzene
Concen: 0.96 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

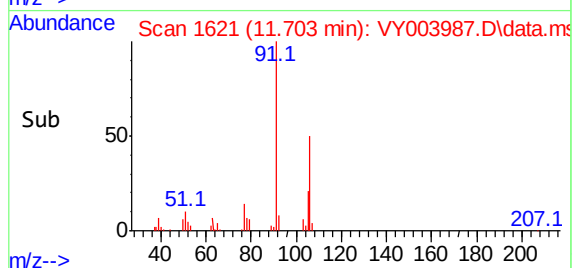
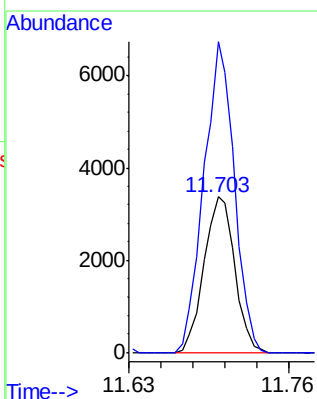
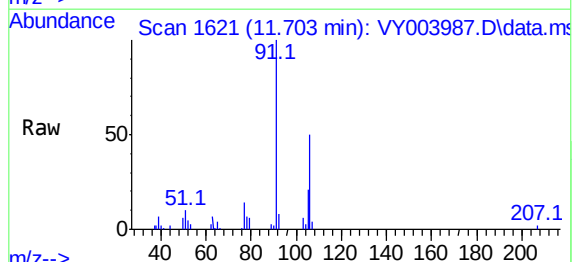
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

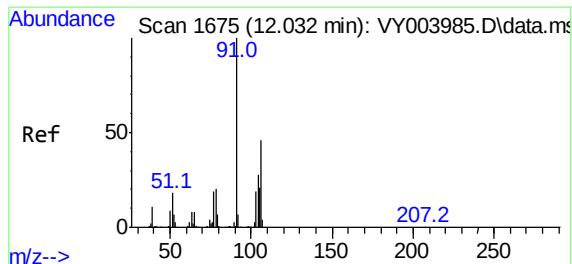
Tgt Ion: 91 Resp: 15492
Ion Ratio Lower Upper
91 100
106 28.8 22.8 42.4



#53
m,p-Xylene
Concen: 1.02 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 106 Resp: 6150
Ion Ratio Lower Upper
106 100
91 200.1 133.1 247.3

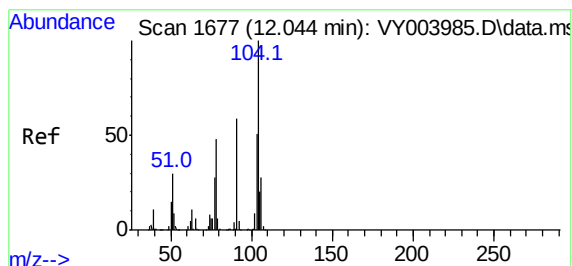
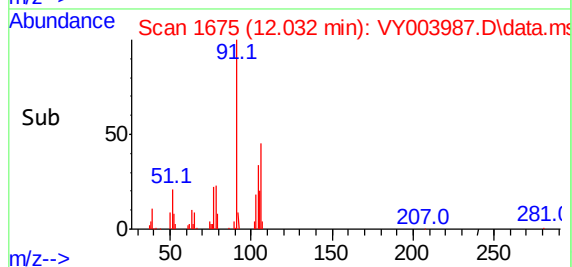
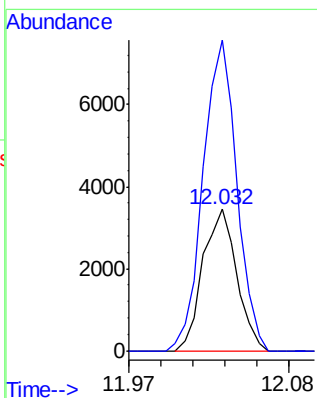
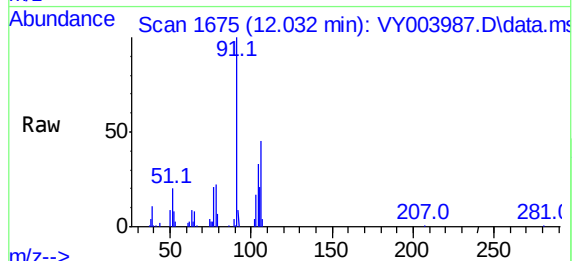




#54
o-Xylene
Concen: 0.92 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

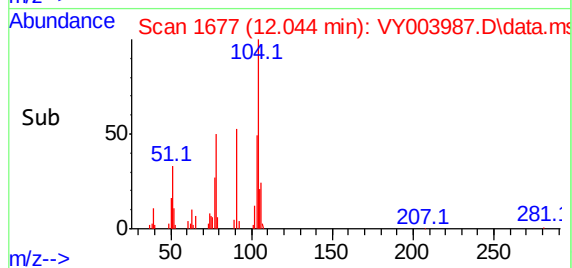
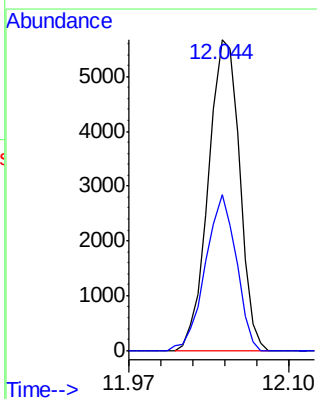
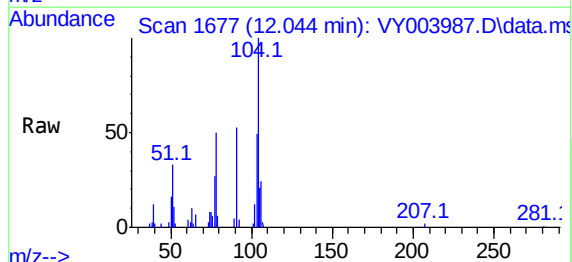
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

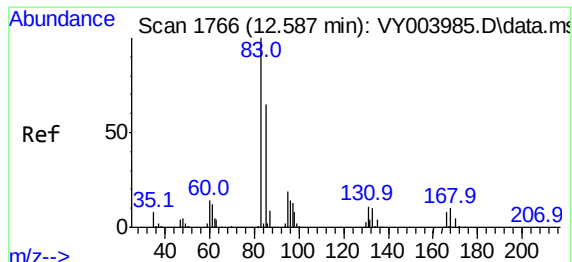
Tgt Ion:106 Resp: 5314
Ion Ratio Lower Upper
106 100
91 219.9 144.1 267.5



#55
Styrene
Concen: 0.95 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion:104 Resp: 9487
Ion Ratio Lower Upper
104 100
78 50.2 27.6 51.4

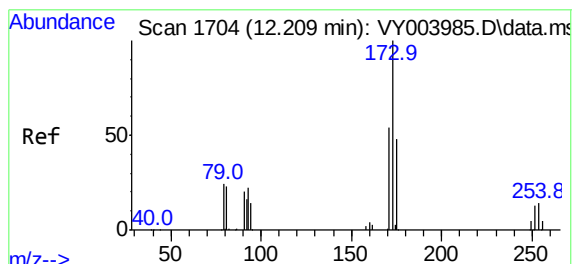
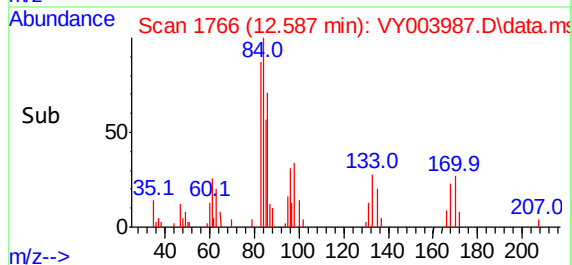
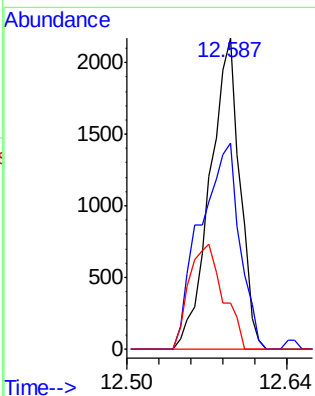
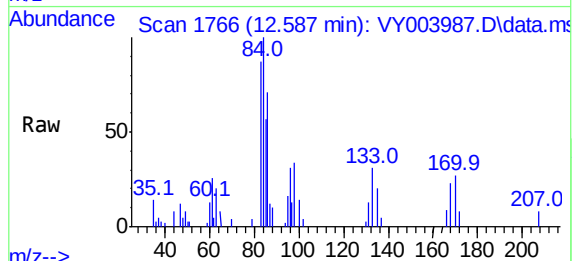




#57
1,1,2,2-Tetrachloroethane
Concen: 1.11 ug/L
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

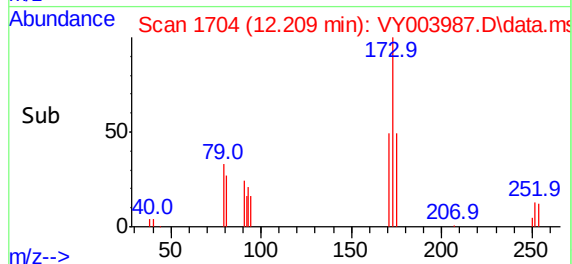
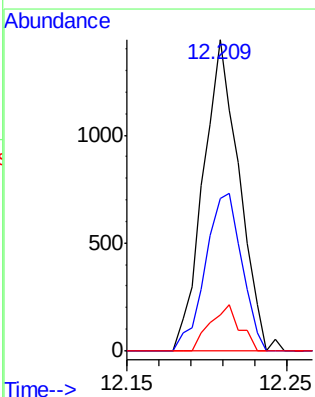
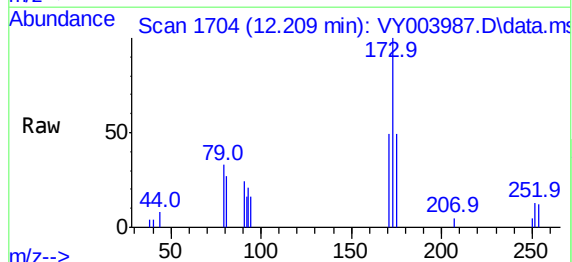
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

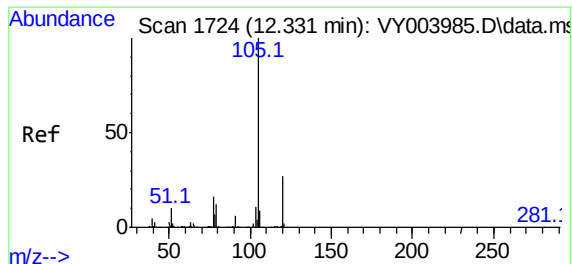
Tgt Ion: 83 Resp: 3852
Ion Ratio Lower Upper
83 100
85 66.2 46.1 85.7
131 14.9 8.1 12.1#



#59
Bromoform
Concen: 1.09 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 173 Resp: 2341
Ion Ratio Lower Upper
173 100
175 51.6 38.2 57.4
254 12.2 8.0 12.0#

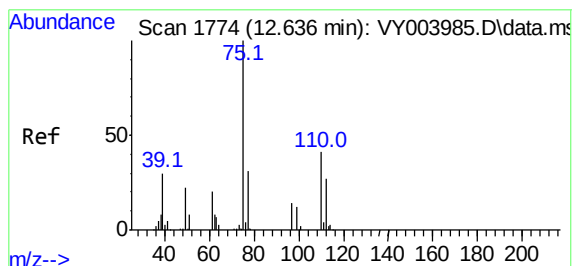
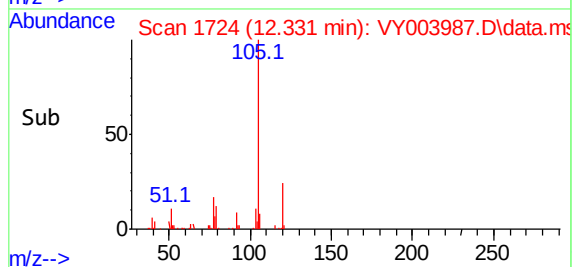
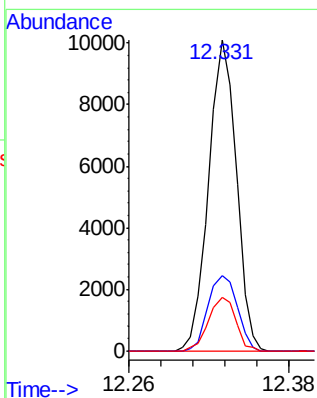
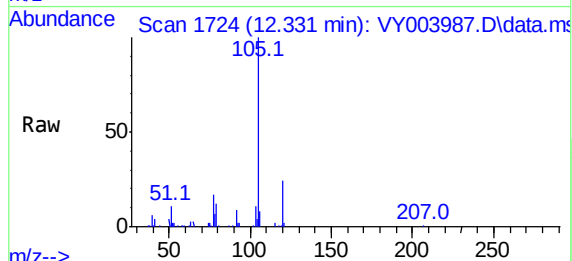




#60
Isopropylbenzene
Concen: 1.01 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

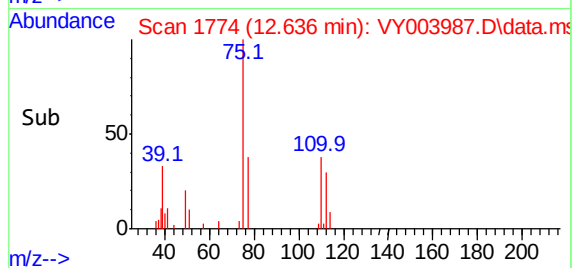
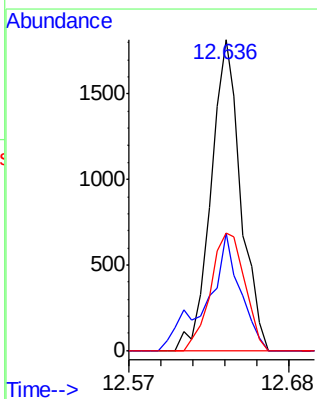
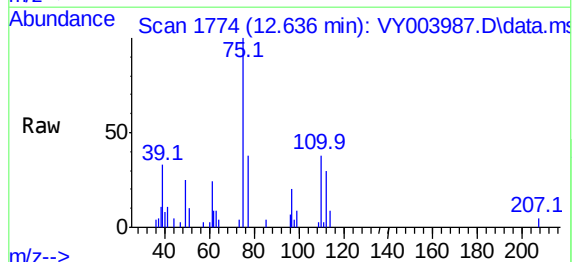
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

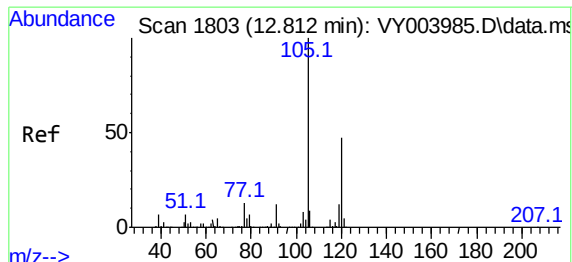
Tgt Ion:	105	Resp:	14935
Ion	Ratio	Lower	Upper
105	100		
120	25.7	22.0	33.0
77	16.9	12.1	18.1



#61
1,2,3-Trichloropropane
Concen: 1.04 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion:	75	Resp:	2704
Ion	Ratio	Lower	Upper
75	100		
77	34.9	26.3	39.5
110	43.3	33.0	49.4

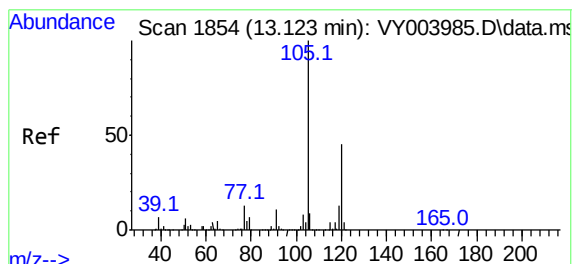
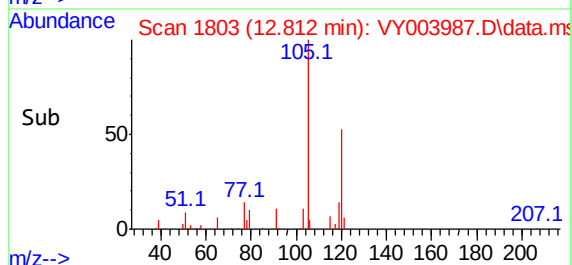
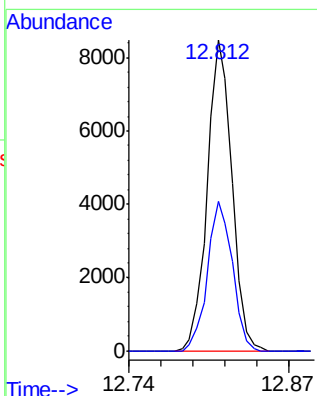
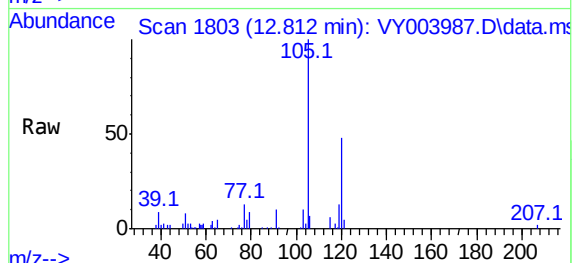




#62
1,3,5-Trimethylbenzene
Concen: 1.00 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

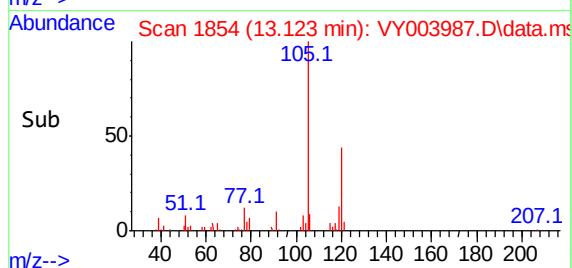
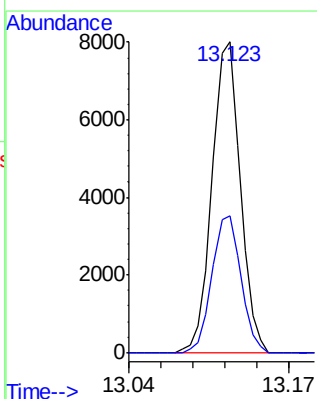
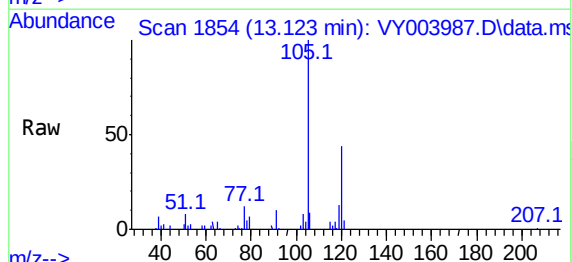
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

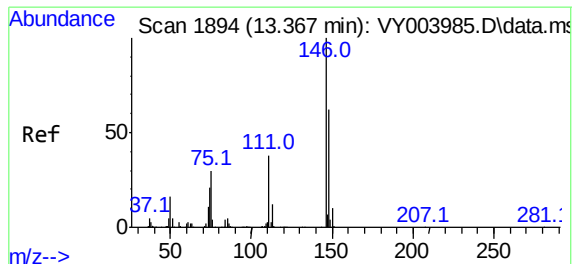
Tgt Ion:105 Resp: 12512
Ion Ratio Lower Upper
105 100
120 48.4 40.4 60.6



#63
1,2,4-Trimethylbenzene
Concen: 0.98 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion:105 Resp: 12117
Ion Ratio Lower Upper
105 100
120 44.9 38.0 57.0

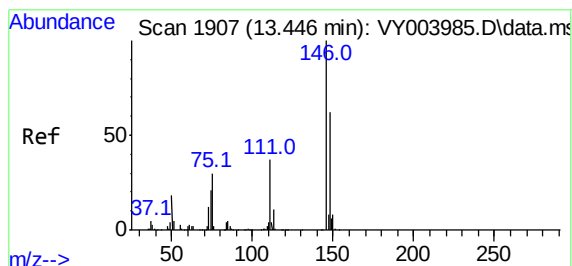
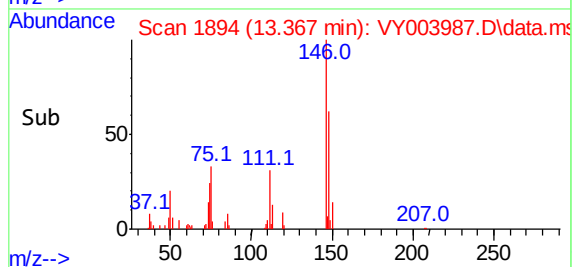
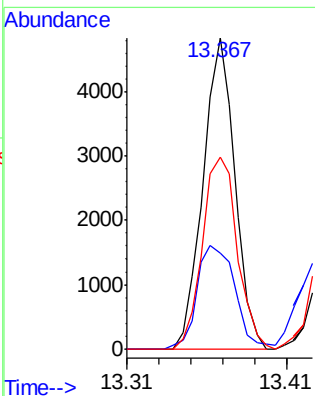
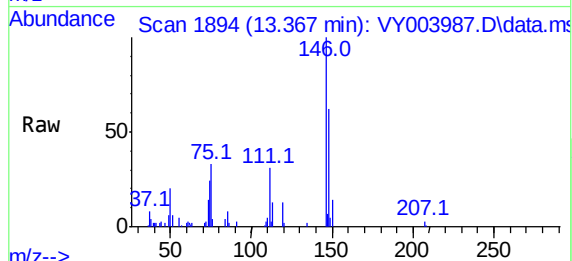




#64
1,3-Dichlorobenzene
Concen: 1.03 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

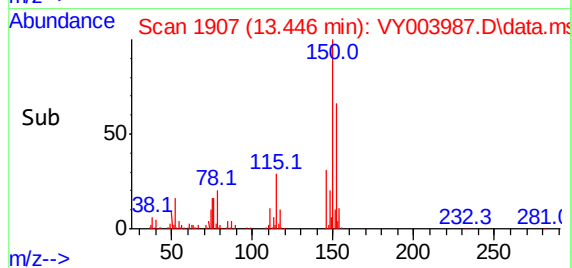
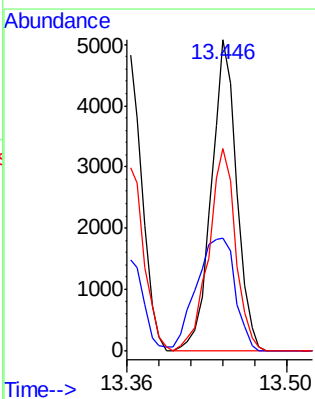
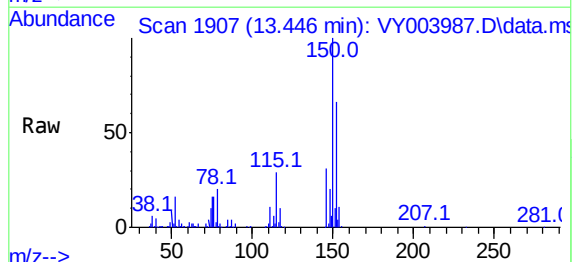
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

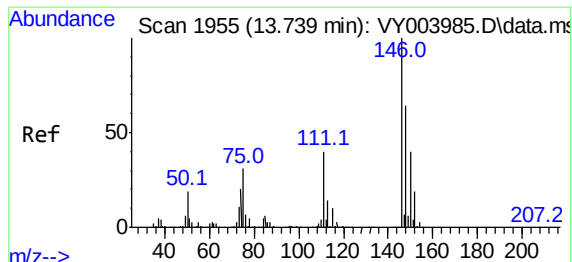
Tgt Ion:146 Resp: 7004
Ion Ratio Lower Upper
146 100
111 30.7 26.6 49.4
148 61.7 46.3 86.1



#65
1,4-Dichlorobenzene
Concen: 1.12 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion:146 Resp: 7626
Ion Ratio Lower Upper
146 100
111 36.3 24.7 45.9
148 65.1 43.4 80.6

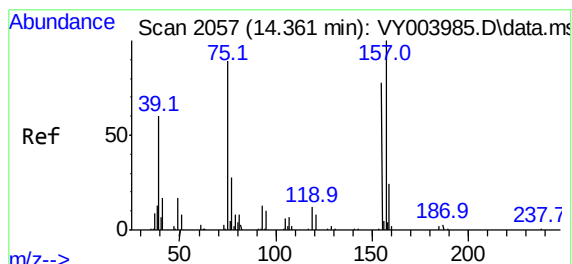
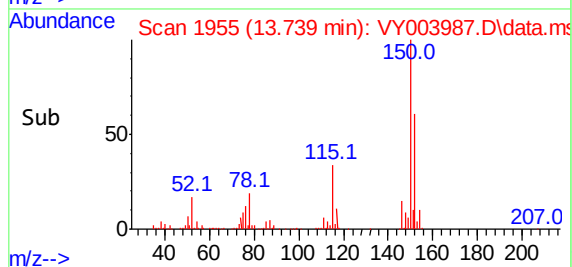
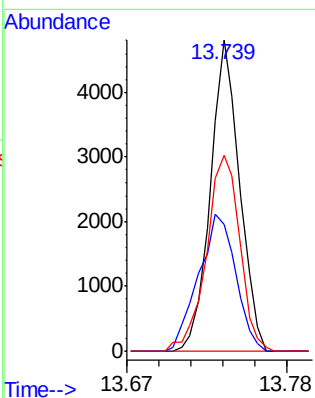
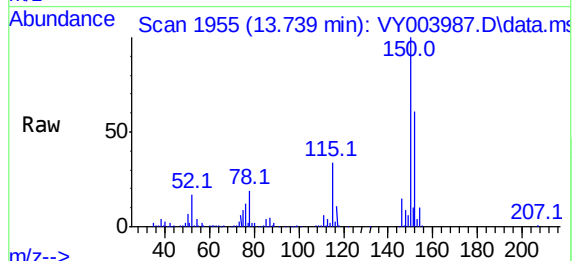




#67
1,2-Dichlorobenzene
Concen: 1.11 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

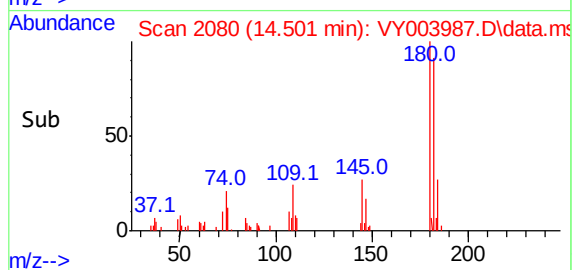
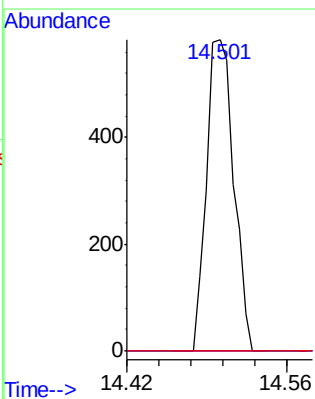
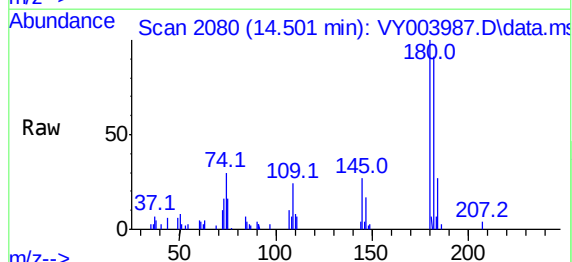
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

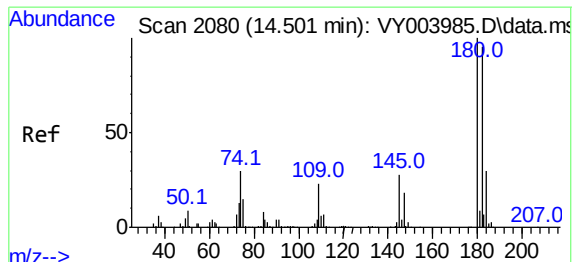
Tgt Ion:146 Resp: 7024
Ion Ratio Lower Upper
146 100
111 40.6 31.0 46.6
148 62.8 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 1.58 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. 0.140 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion: 75 Resp: 1007
Ion Ratio Lower Upper
75 100
155 0.0 73.4 110.0#
157 0.0 98.1 147.1#



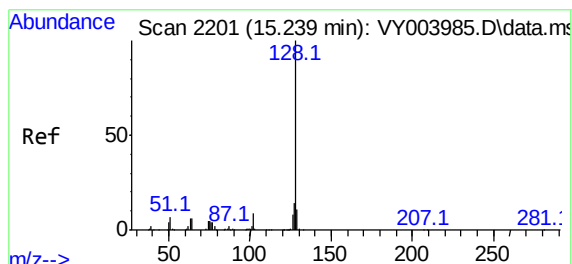
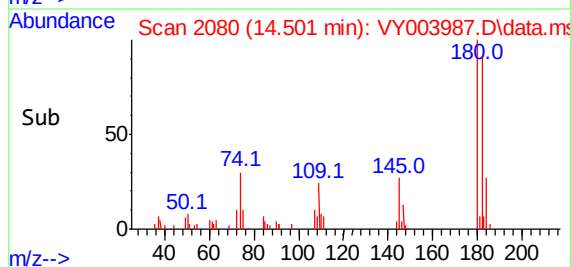
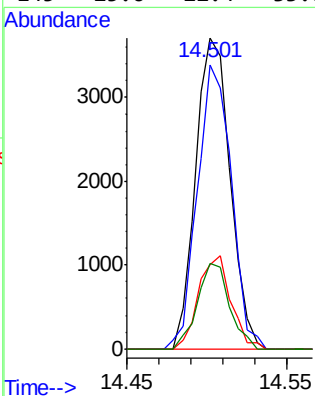
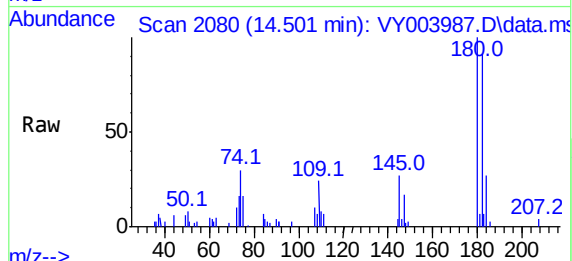


#69
1,3,5-Trichlorobenzene
Concen: 1.17 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-01

Tgt Ion:180 Resp: 5826

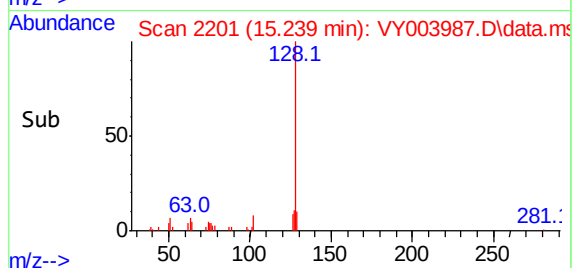
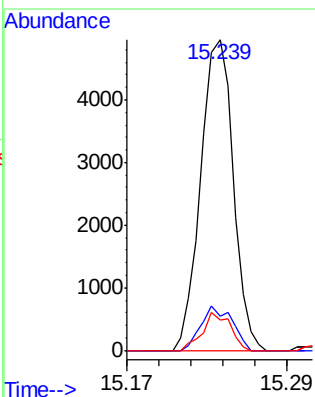
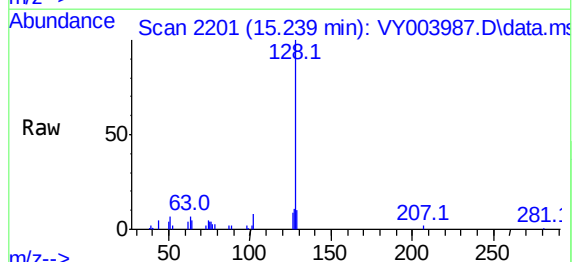
Ion	Ratio	Lower	Upper
180	100		
182	90.0	75.4	113.0
184	28.0	24.1	36.1
145	25.6	22.4	33.6

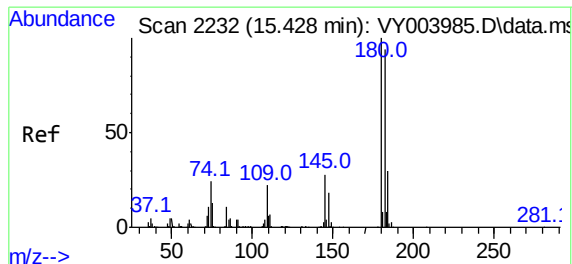


#71
Naphthalene
Concen: 1.00 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY003987.D
Acq: 05 Feb 2021 14:28

Tgt Ion:128 Resp: 8647

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	10.4	8.5	12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 0.95 ug/L
 RT: 15.428 min Scan# 2232
 Delta R.T. 0.000 min
 Lab File: VY003987.D
 Acq: 05 Feb 2021 14:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-QT1-2021-01

Tgt Ion:180 Resp: 3407

Ion	Ratio	Lower	Upper
180	100		
182	106.0	76.2	114.4
145	31.8	23.6	35.4

