

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052021\
 Data File : VY004855.D
 Acq On : 20 May 2021 13:06
 Operator : SY/MD
 Sample : M2250-03
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-QT3-2021-05

Quant Time: May 21 04:38:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 21 04:37:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	298693	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	275252	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	128743	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	136881	28.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.48%
7) Chloroethane-d5	2.765	69	99123	27.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.56%
11) 1,1-Dichloroethene-d2	3.857	63	180280	21.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.12%
21) 2-Butanone-d5	6.899	46	114871	56.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.78%
24) Chloroform-d	7.484	84	207880	27.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.52%
26) 1,2-Dichloroethane-d4	8.149	65	132394	27.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.64%
32) Benzene-d6	8.112	84	456938	27.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.88%
36) 1,2-Dichloropropane-d6	9.124	67	147163	27.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.04%
41) Toluene-d8	10.179	98	412462	27.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.28%
43) trans-1,3-Dichloroprop...	10.441	79	69387	27.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.08%
47) 2-Hexanone-d5	10.788	63	80733	55.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.52%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	128800	27.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.28%
66) 1,2-Dichlorobenzene-d4	13.727	152	126698	27.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.92%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	4223	1.06	ug/L	96
3) Chloromethane	2.119	50	5633	1.15	ug/L	95
5) Vinyl chloride	2.259	62	6295	1.21	ug/L #	72
6) Bromomethane	2.662	94	2364	1.15	ug/L	98
8) Chloroethane	2.796	64	3167	1.04	ug/L	96
9) Trichlorofluoromethane	3.131	101	6732	1.01	ug/L	99
12) 1,1-Dichloroethene	3.875	96	4982	1.35	ug/L #	1
13) Acetone	3.954	43	4539	3.80	ug/L	78
14) Carbon disulfide	4.204	76	11964	1.01	ug/L	99
15) Methyl Acetate	4.485	43	3448	1.04	ug/L #	77
17) trans-1,2-Dichloroethene	5.228	96	3563	0.89	ug/L	91
19) 1,1-Dichloroethane	6.021	63	7278	0.95	ug/L	93
20) cis-1,2-Dichloroethene	6.990	96	4001	0.93	ug/L	91
23) Bromochloromethane	7.338	128	2033	1.00	ug/L	83
25) Chloroform	7.514	83	13460	1.72	ug/L	85
27) 1,2-Dichloroethane	8.240	62	5590	1.03	ug/L	96
29) Cyclohexane	7.789	56	6334	0.89	ug/L #	93
30) 1,1,1-Trichloroethane	7.703	97	6327	0.98	ug/L	97
31) Carbon tetrachloride	7.899	117	4154	0.81	ug/L	99

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 Response via : Initial Calibration

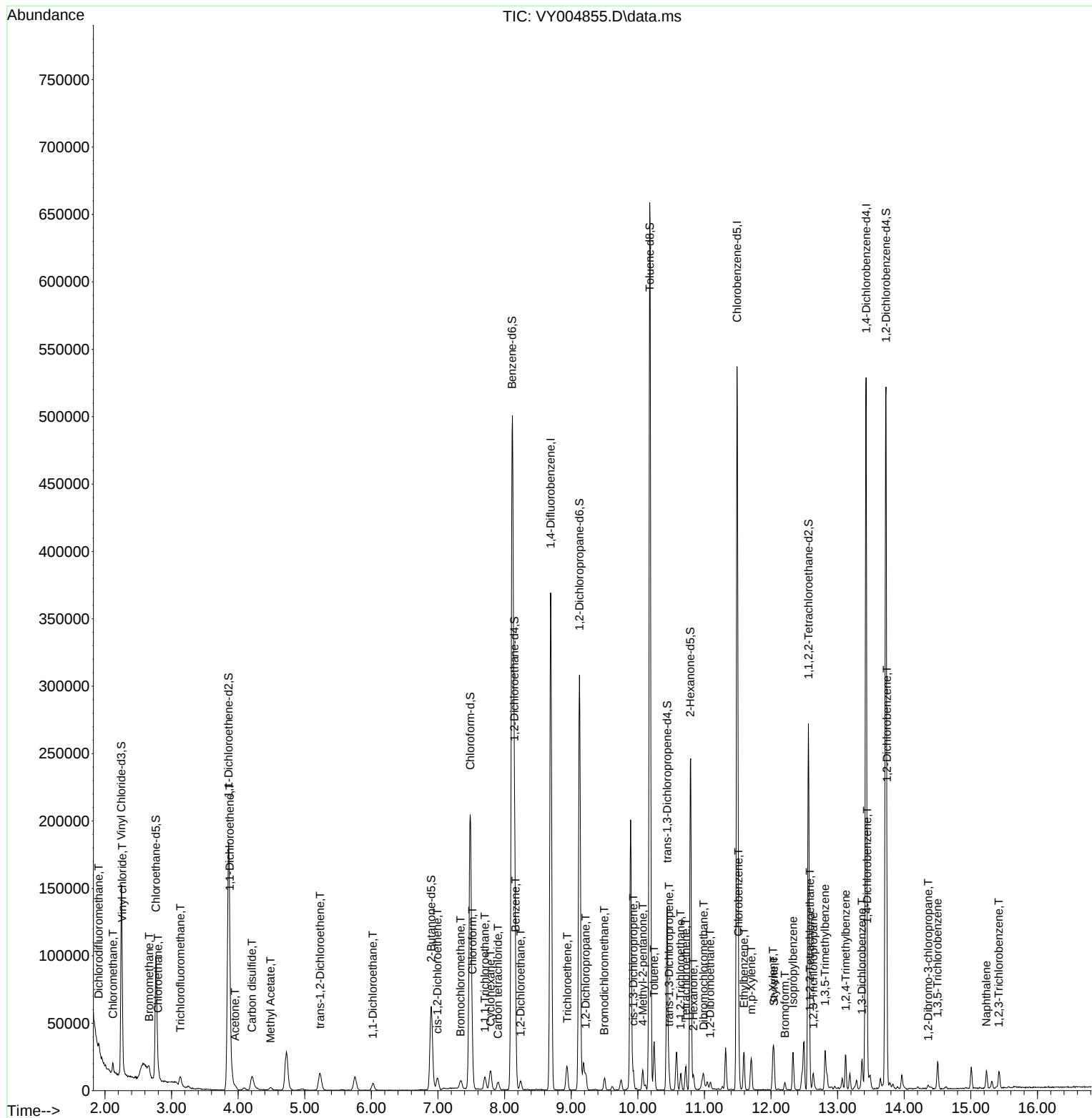
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	8.167	78	16257	0.96	ug/L	100
34) Trichloroethene	8.941	95	4130	0.96	ug/L	98
37) 1,2-Dichloropropane	9.215	63	4592	1.01	ug/L #	94
38) Bromodichloromethane	9.496	83	5352	0.96	ug/L	86
39) cis-1,3-Dichloropropene	9.935	75	6353	0.90	ug/L	94
40) 4-Methyl-2-pentanone	10.075	43	10254	2.12	ug/L	98
42) Toluene	10.246	91	23662	1.32	ug/L	98
44) trans-1,3-Dichloropropene	10.471	75	9986	1.53	ug/L	96
45) 1,1,2-Trichloroethane	10.642	97	3323	0.94	ug/L	87
46) Tetrachloroethene	10.721	164	3427	1.06	ug/L	85
48) 2-Hexanone	10.837	43	6622	2.03	ug/L	96
49) Dibromochloromethane	10.989	129	3702	0.93	ug/L	95
50) 1,2-Dibromoethane	11.087	107	3224	0.95	ug/L #	89
51) Chlorobenzene	11.514	112	10785	0.97	ug/L #	89
52) Ethylbenzene	11.593	91	18752	0.97	ug/L	95
53) m,p-Xylene	11.703	106	6890	0.96	ug/L	94
54) o-Xylene	12.032	106	5838	0.85	ug/L	94
55) Styrene	12.044	104	9621	0.82	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.587	83	4978	1.16	ug/L #	95
59) Bromoform	12.209	173	2239	0.91	ug/L #	95
60) Isopropylbenzene	12.331	105	15717	0.87	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	3830	1.09	ug/L	93
62) 1,3,5-Trimethylbenzene	12.812	105	12900	0.89	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	12757	0.88	ug/L	97
64) 1,3-Dichlorobenzene	13.367	146	8056	1.04	ug/L	90
65) 1,4-Dichlorobenzene	13.446	146	7838	1.00	ug/L	95
67) 1,2-Dichlorobenzene	13.739	146	7168	1.00	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	14.361	75	1136	1.43	ug/L	91
69) 1,3,5-Trichlorobenzene	14.501	180	5364	1.03	ug/L	99
71) Naphthalene	15.233	128	9645	0.88	ug/L	97
72) 1,2,3-Trichlorobenzene	15.422	180	3720	0.94	ug/L	98

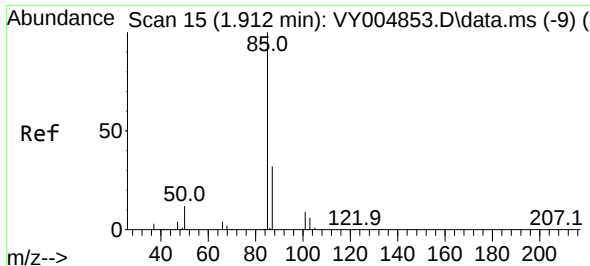
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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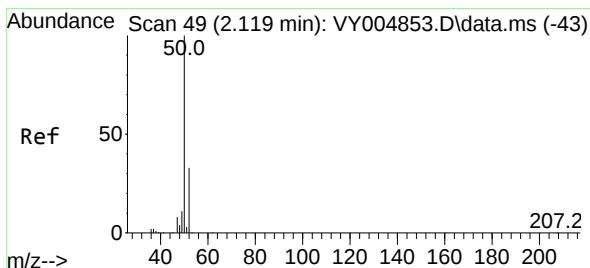
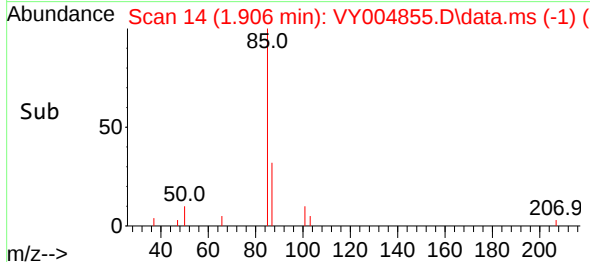
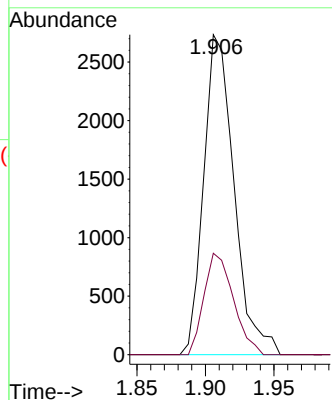
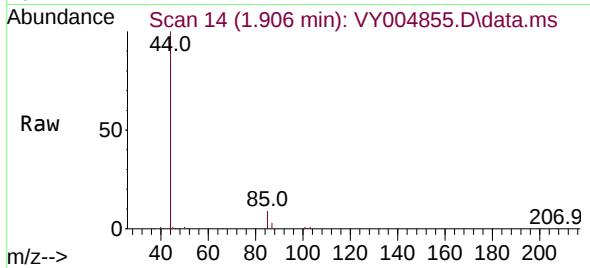




#2
Dichlorodifluoromethane
Concen: 1.06 ug/L
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

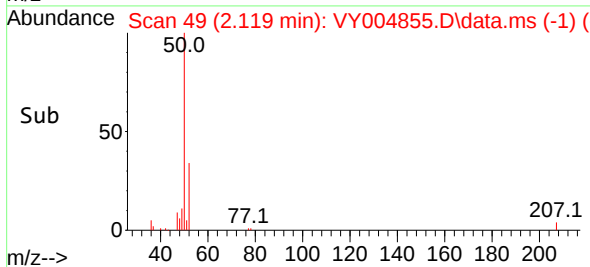
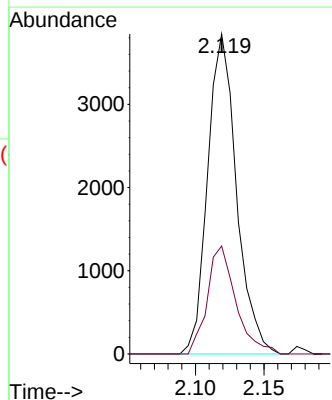
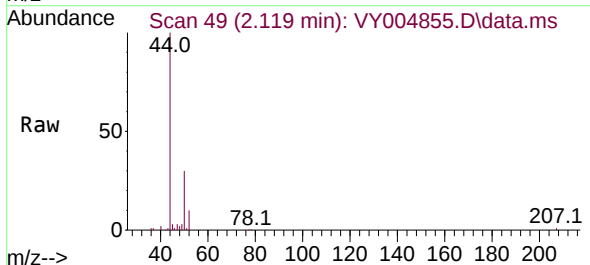
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MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

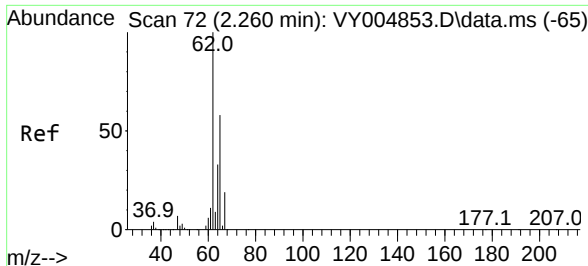
Tgt Ion: 85 Resp: 4223
Ion Ratio Lower Upper
85 100
87 30.7 26.2 39.2



#3
Chloromethane
Concen: 1.15 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion: 50 Resp: 5633
Ion Ratio Lower Upper
50 100
52 33.8 21.8 40.4

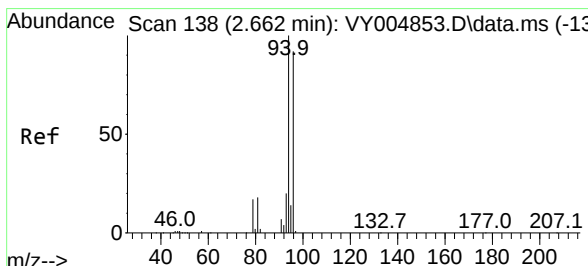
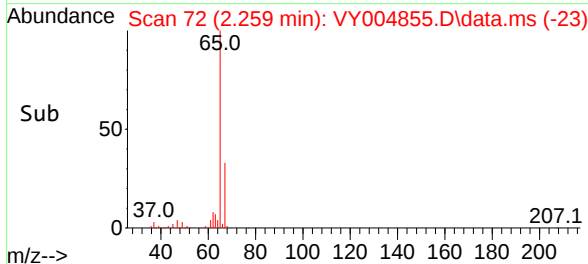
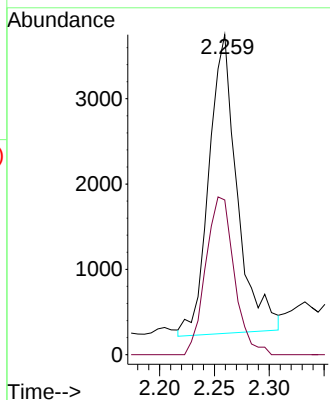
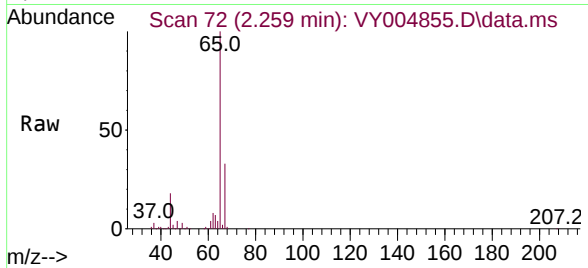




#5
 Vinyl chloride
 Concen: 1.21 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VY004855.D
 Acq: 20 May 2021 13:06

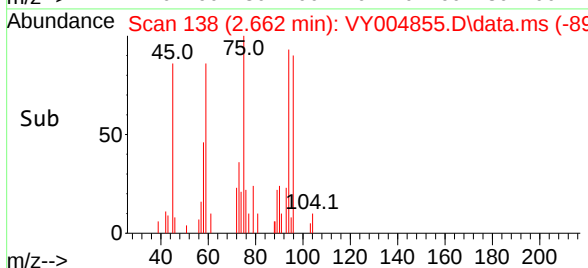
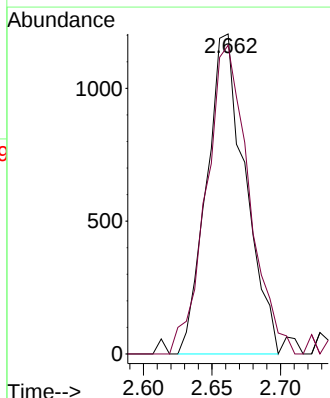
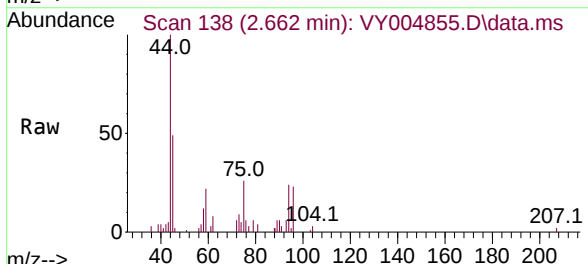
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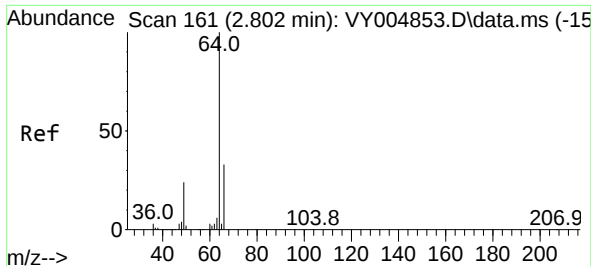
Tgt Ion: 62 Resp: 6295
 Ion Ratio Lower Upper
 62 100
 64 48.3 22.8 42.4#



#6
 Bromomethane
 Concen: 1.15 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY004855.D
 Acq: 20 May 2021 13:06

Tgt Ion: 94 Resp: 2364
 Ion Ratio Lower Upper
 94 100
 96 96.4 65.9 122.5

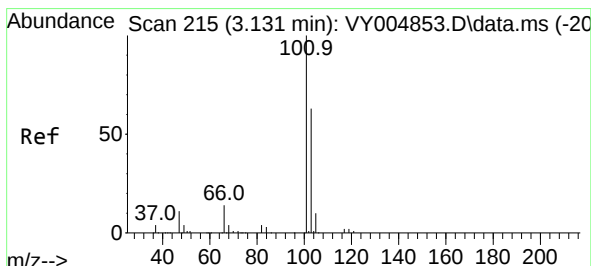
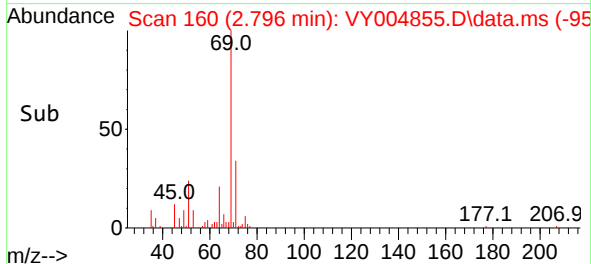
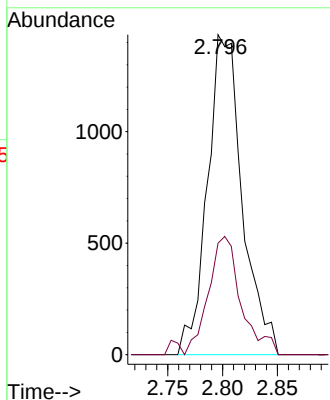
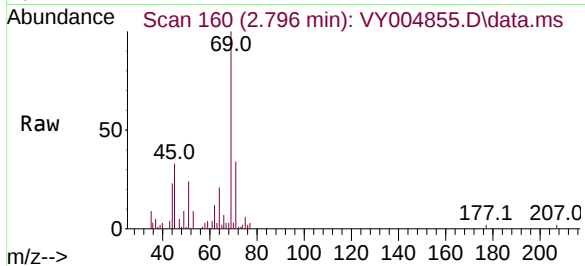




#8
Chloroethane
Concen: 1.04 ug/L
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

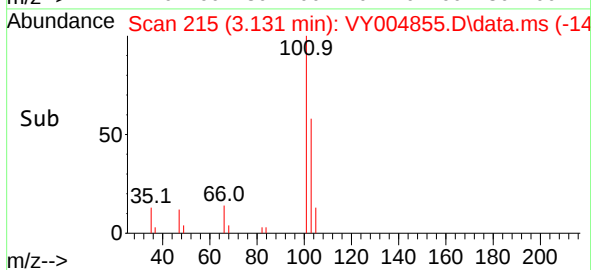
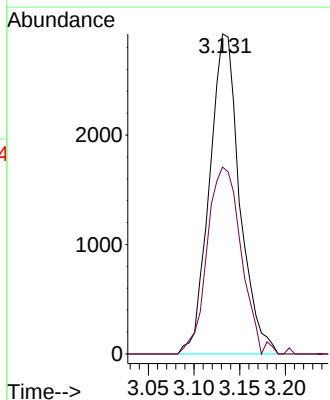
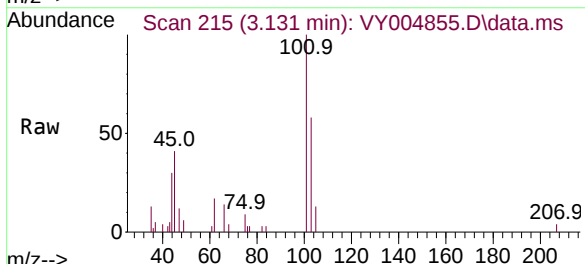
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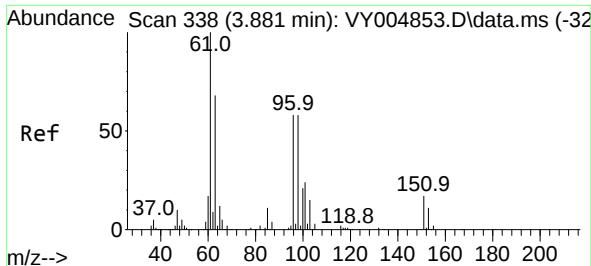
Tgt Ion: 64 Resp: 3167
Ion Ratio Lower Upper
64 100
66 34.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 1.01 ug/L
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion: 101 Resp: 6732
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

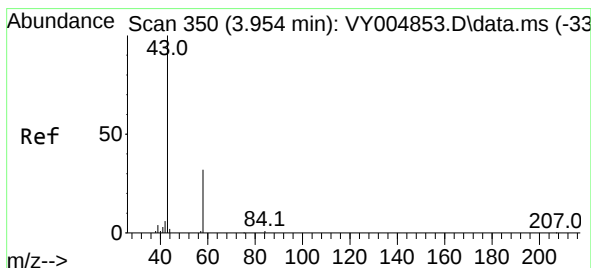
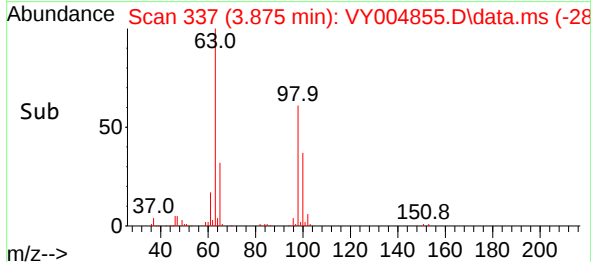
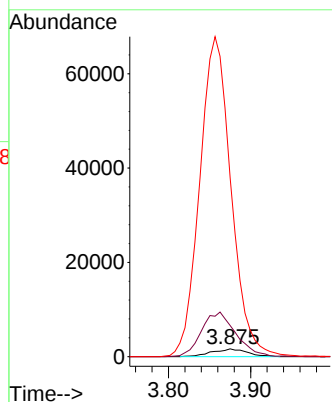
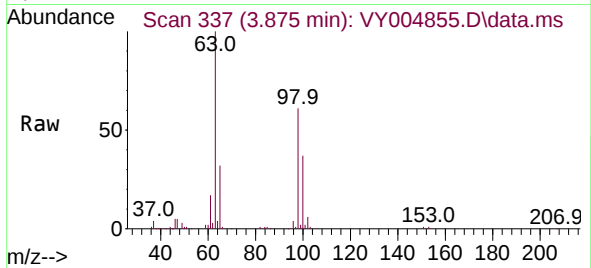




#12
1,1-Dichloroethene
Concen: 1.35 ug/L
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

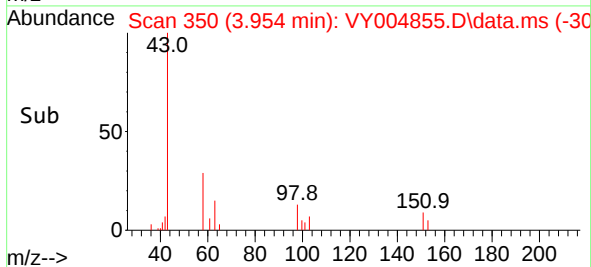
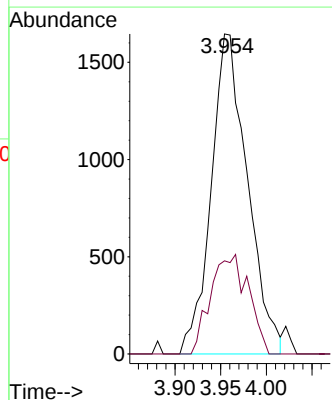
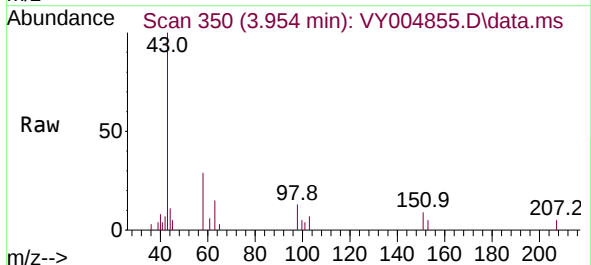
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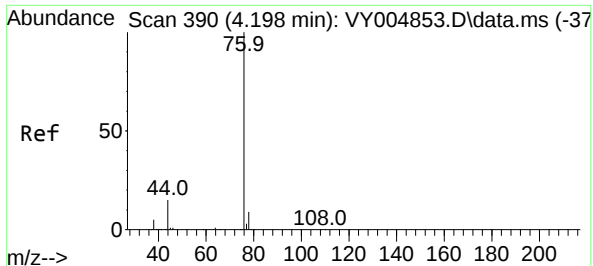
Tgt Ion: 96 Resp: 4982
Ion Ratio Lower Upper
96 100
61 397.7 121.2 225.2#
63 2281.0 86.9 161.3#



#13
Acetone
Concen: 3.80 ug/L
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion: 43 Resp: 4539
Ion Ratio Lower Upper
43 100
58 18.3 0.0 61.0

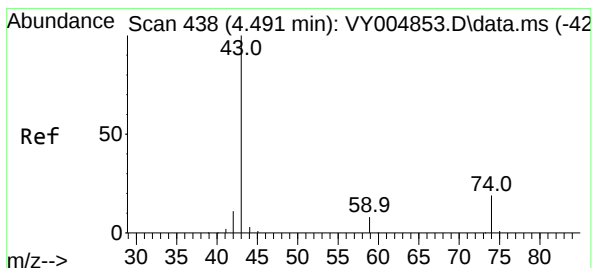
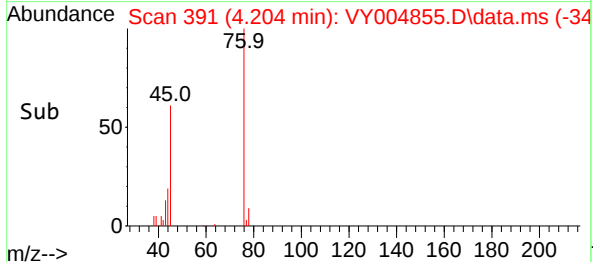
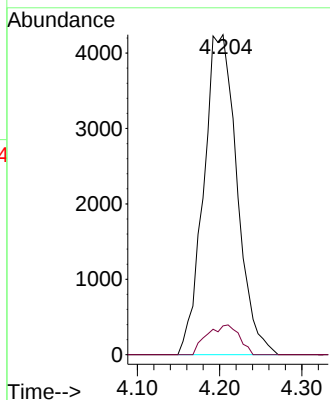
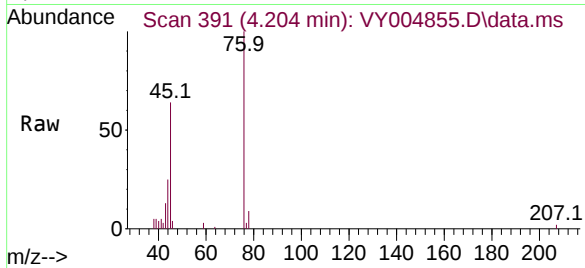




#14
Carbon disulfide
Concen: 1.01 ug/L
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

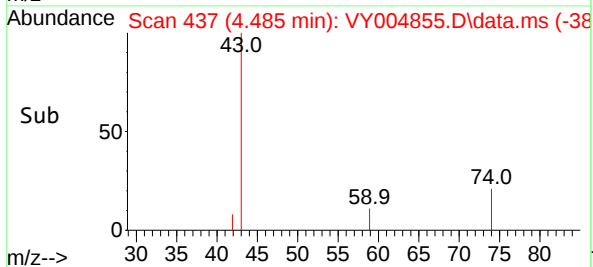
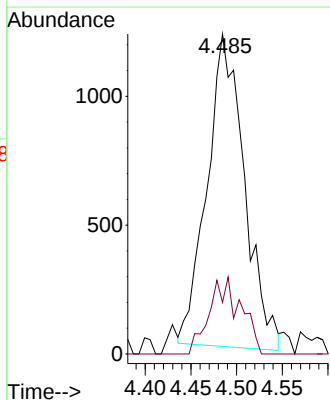
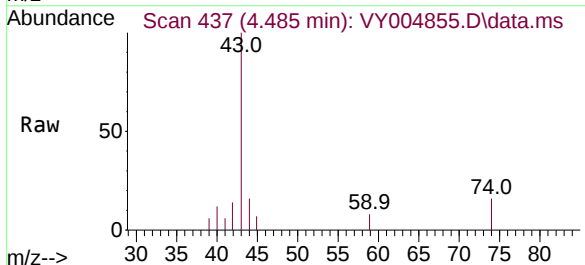
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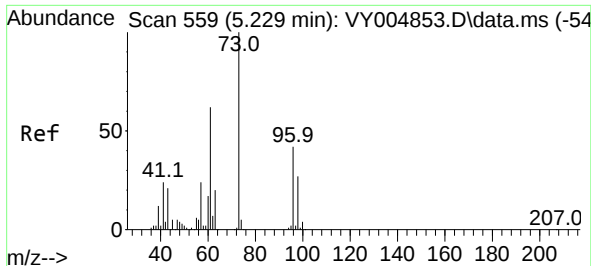
Tgt Ion: 76 Resp: 11964
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#15
Methyl Acetate
Concen: 1.04 ug/L
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

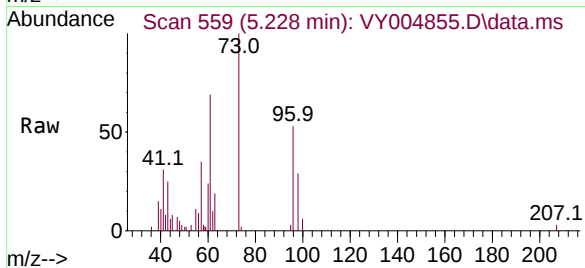
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Ion Ratio Lower Upper
43 100
74 9.9 16.7 25.1#



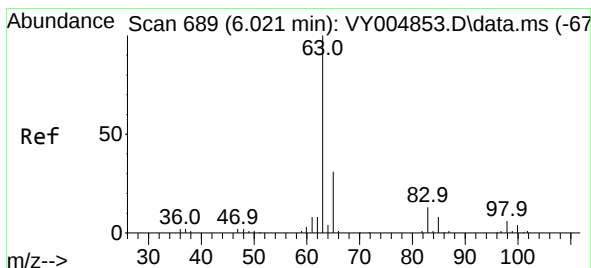
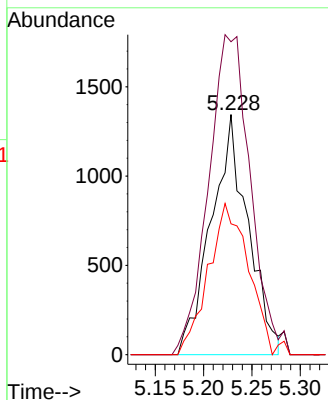
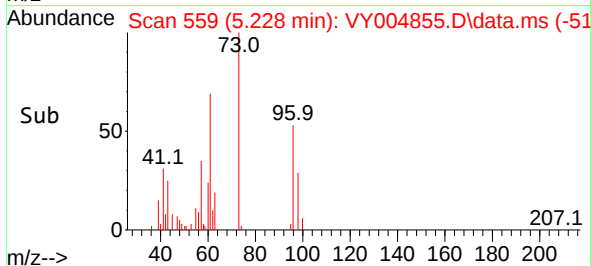


#17
trans-1,2-Dichloroethene
Concen: 0.89 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

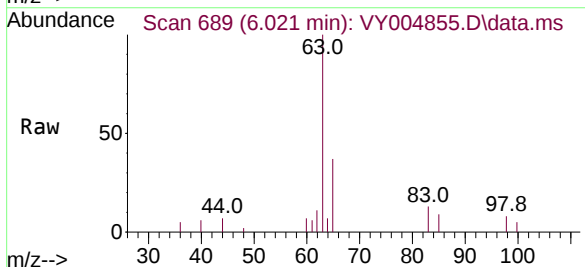
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05



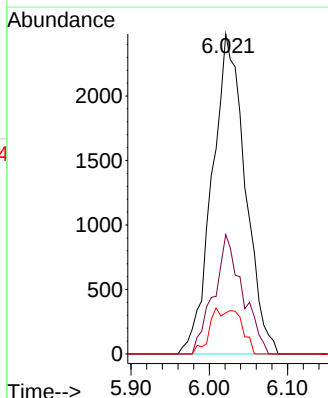
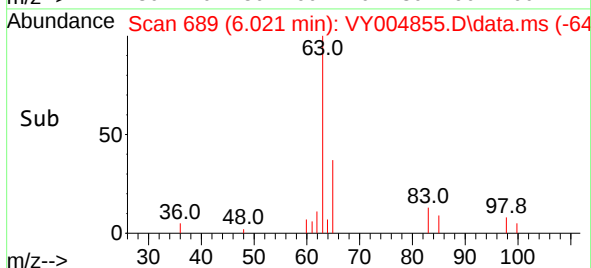
Tgt Ion: 96 Resp: 3563
Ion Ratio Lower Upper
96 100
61 130.3 97.6 181.2
98 54.5 44.8 83.2

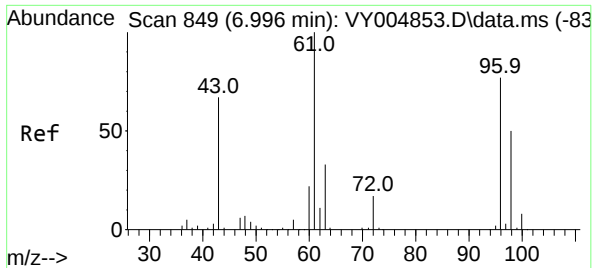


#19
1,1-Dichloroethane
Concen: 0.95 ug/L
RT: 6.021 min Scan# 689
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06



Tgt Ion: 63 Resp: 7278
Ion Ratio Lower Upper
63 100
65 37.3 22.4 41.6
83 12.9 9.5 17.7

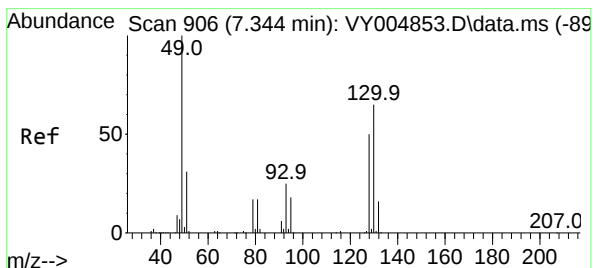
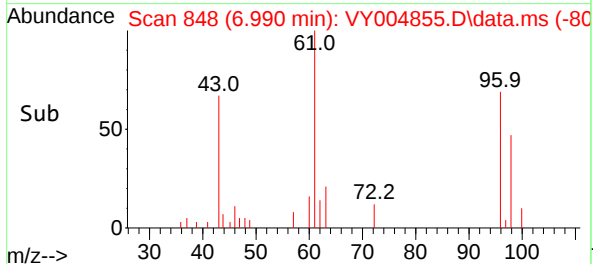
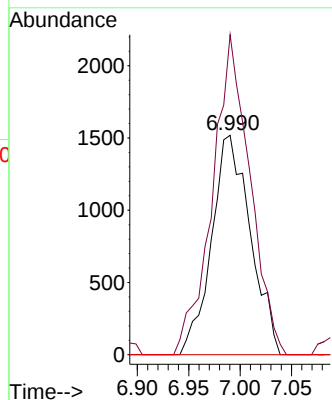
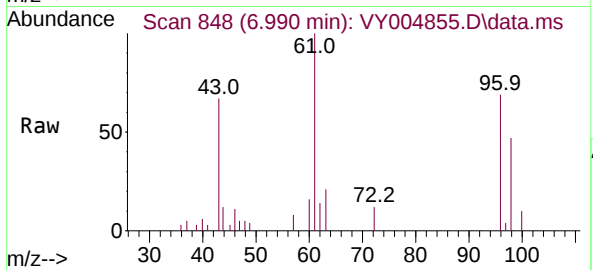




#20
cis-1,2-Dichloroethene
Concen: 0.93 ug/L
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

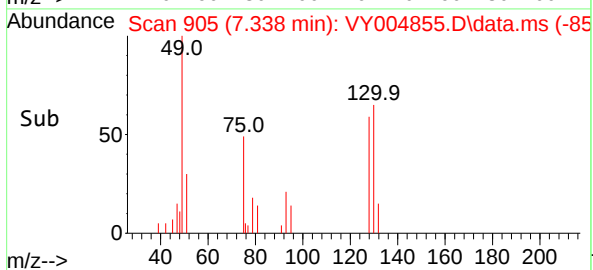
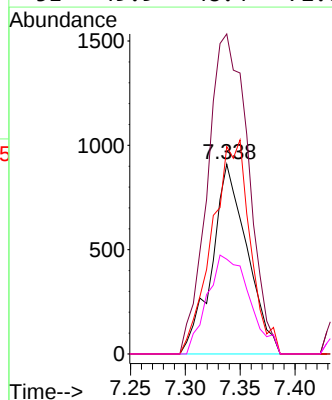
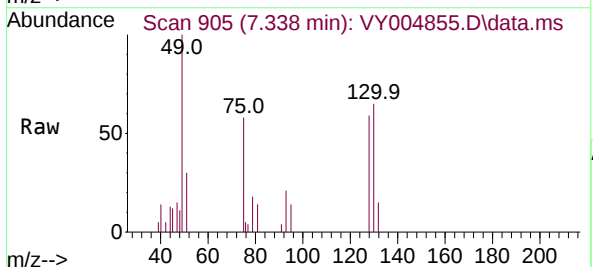
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

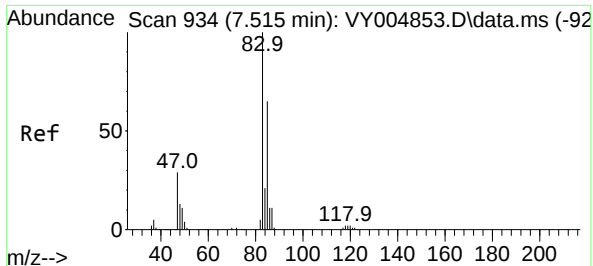
Tgt Ion:	96	Resp:	4001
Ion	Ratio	Lower	Upper
96	100		
61	145.8	94.8	176.2
68	0.0	0.0	0.0



#23
Bromochloromethane
Concen: 1.00 ug/L
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion:	128	Resp:	2033
Ion	Ratio	Lower	Upper
128	100		
49	168.6	138.9	258.1
130	109.2	88.3	164.1
51	49.9	48.4	72.6

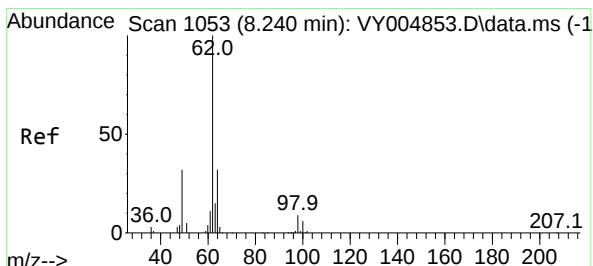
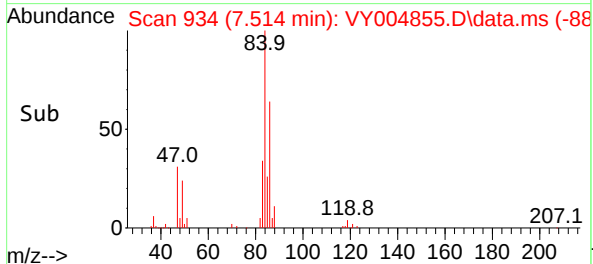
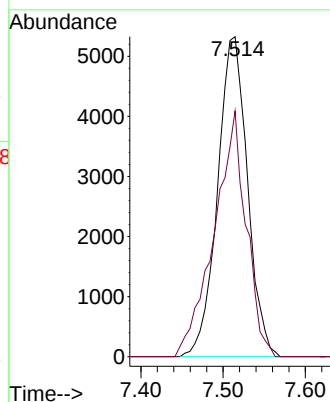
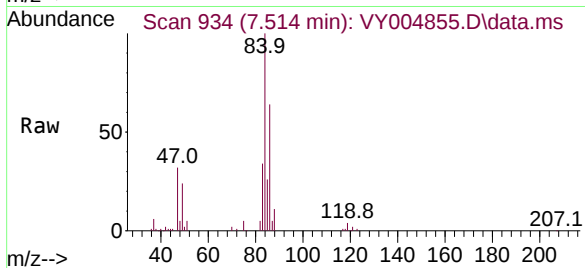




#25
Chloroform
Concen: 1.72 ug/L
RT: 7.514 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

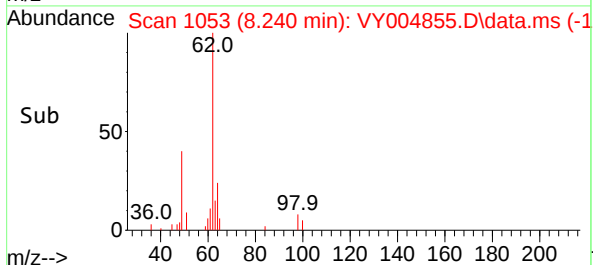
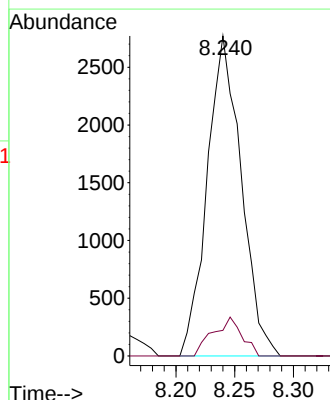
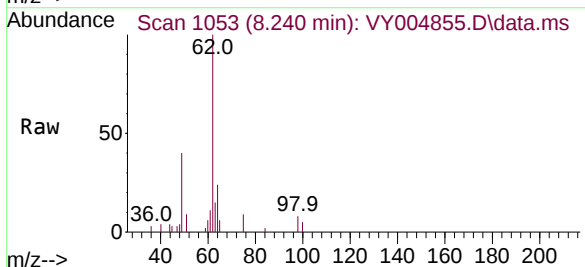
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

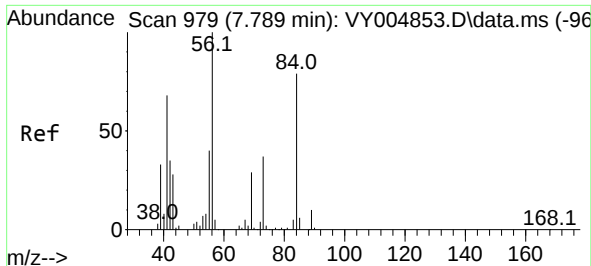
Tgt Ion: 83 Resp: 13460
Ion Ratio Lower Upper
83 100
85 76.8 45.4 84.4



#27
1,2-Dichloroethane
Concen: 1.03 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion: 62 Resp: 5590
Ion Ratio Lower Upper
62 100
98 8.0 7.5 11.3





#29

Cyclohexane

Concen: 0.89 ug/L

RT: 7.789 min Scan# 979

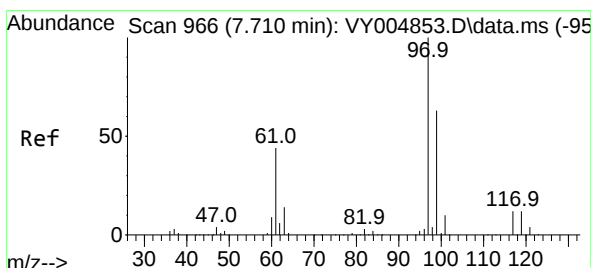
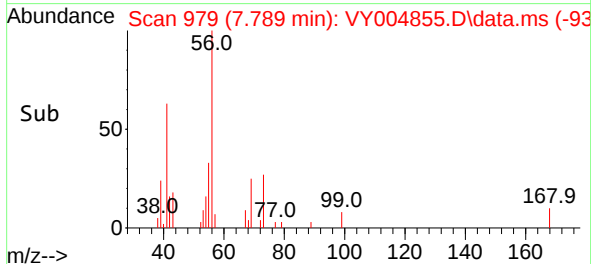
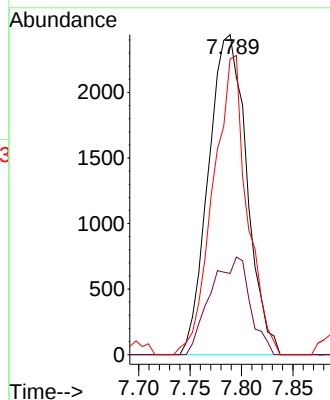
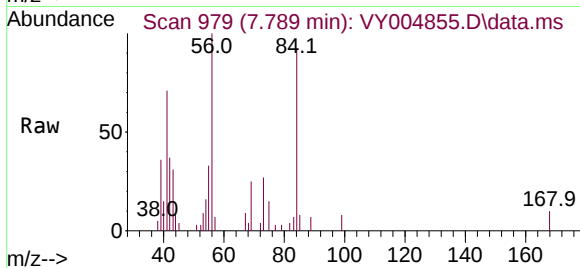
Delta R.T. -0.000 min

Lab File: VY004855.D

Acq: 20 May 2021 13:06

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

Tgt Ion:	56	Resp:	6334
Ion	Ratio	Lower	Upper
56	100		
69	13.6	22.6	33.8#
84	82.9	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 0.98 ug/L

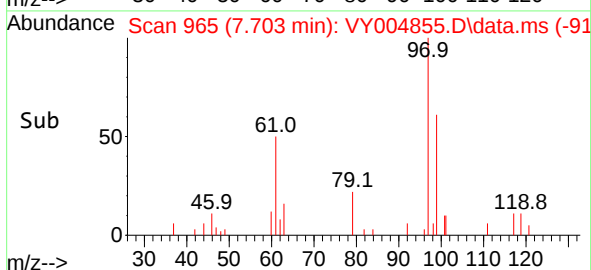
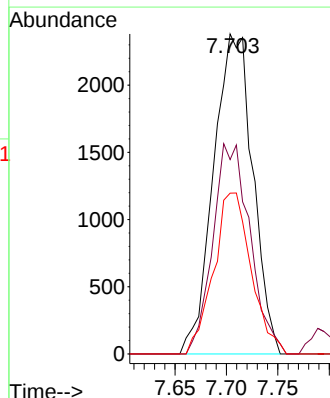
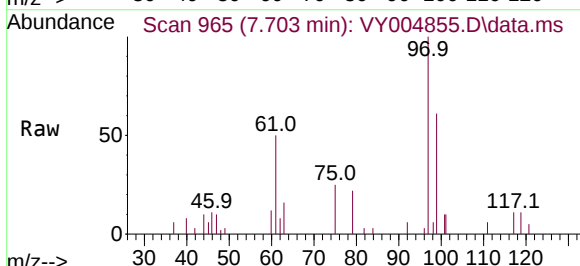
RT: 7.703 min Scan# 965

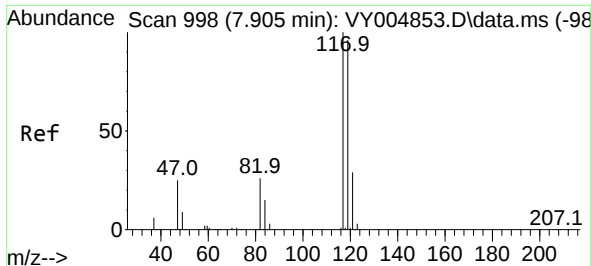
Delta R.T. -0.006 min

Lab File: VY004855.D

Acq: 20 May 2021 13:06

Tgt Ion:	97	Resp:	6327
Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.8	77.6
61	48.2	37.3	55.9

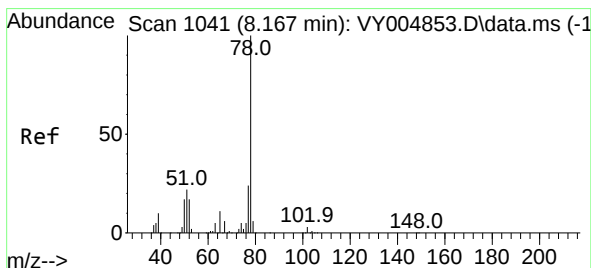
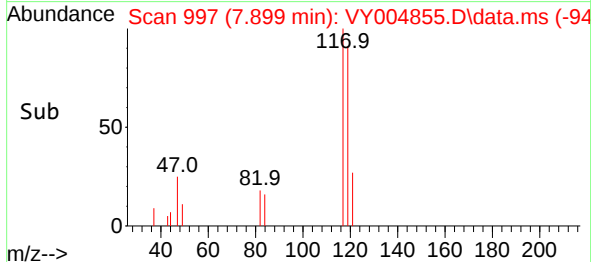
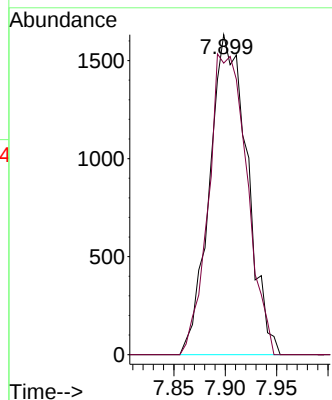
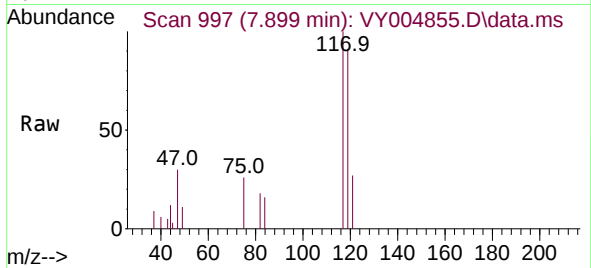




#31
Carbon tetrachloride
Concen: 0.81 ug/L
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

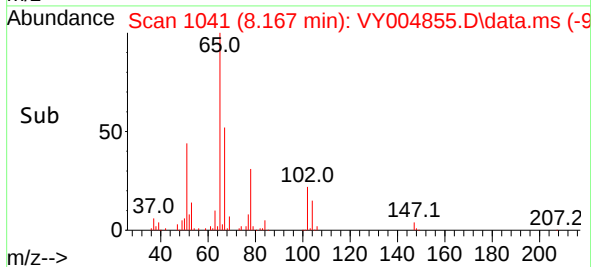
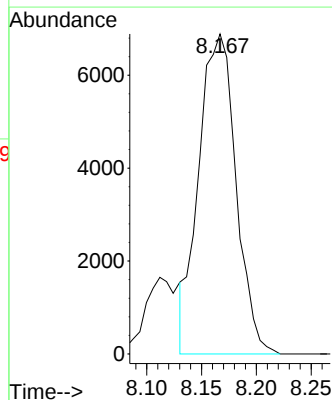
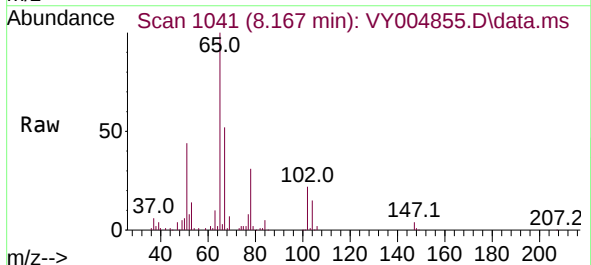
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

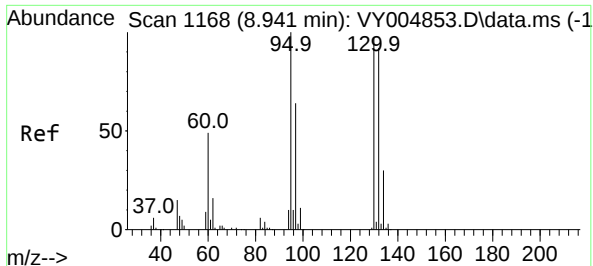
Tgt Ion:117 Resp: 4154
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2



#33
Benzene
Concen: 0.96 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion: 78 Resp: 16257

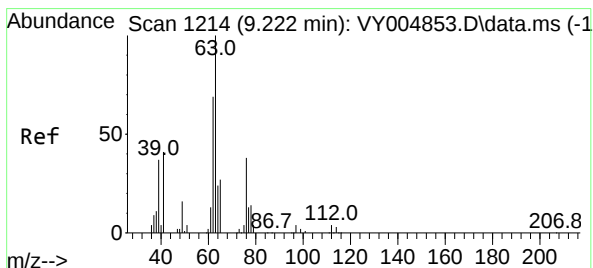
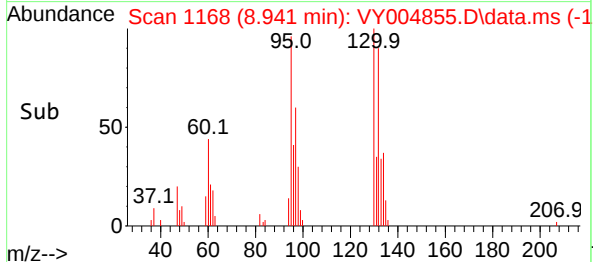
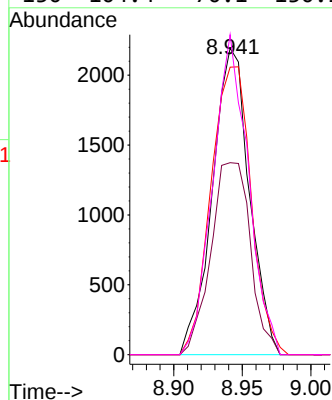
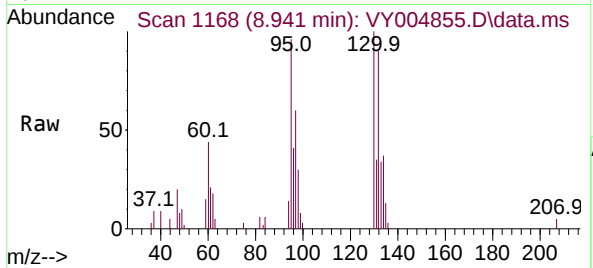




#34
Trichloroethene
Concen: 0.96 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

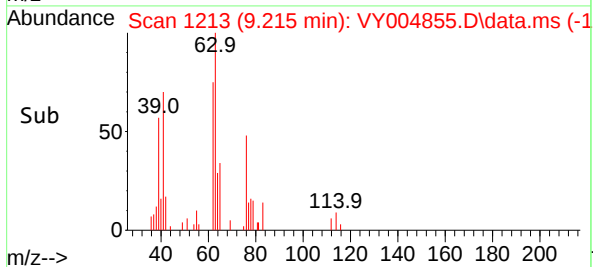
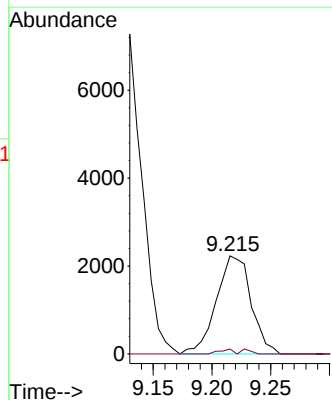
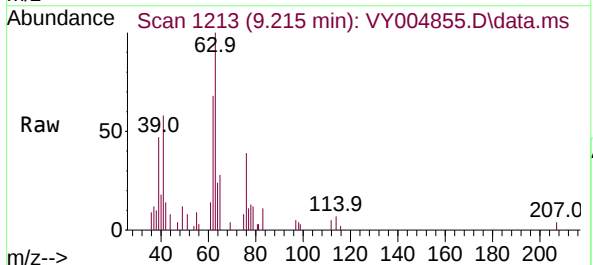
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

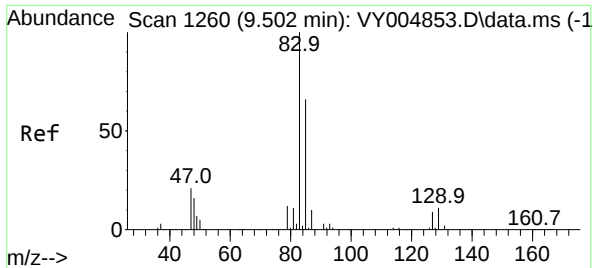
Tgt Ion:	95	Resp:	4130
Ion	Ratio	Lower	Upper
95	100		
97	62.6	44.2	82.2
132	93.8	66.8	124.0
130	104.4	70.1	130.1



#37
1,2-Dichloropropane
Concen: 1.01 ug/L
RT: 9.215 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion:	63	Resp:	4592
Ion	Ratio	Lower	Upper
63	100		
112	1.9	3.1	4.7#

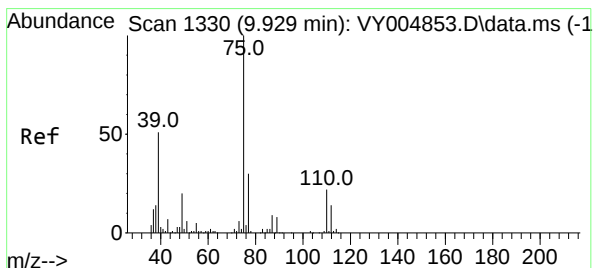
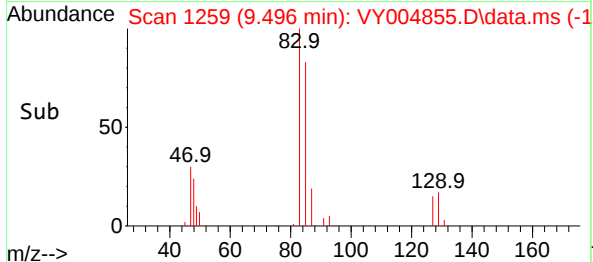
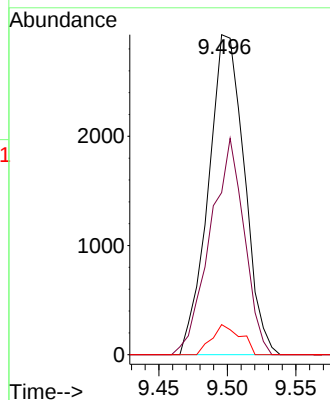
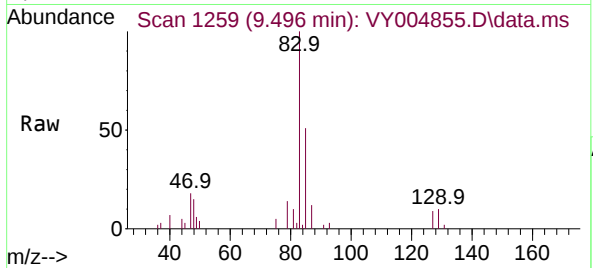




#38
Bromodichloromethane
Concen: 0.96 ug/L
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

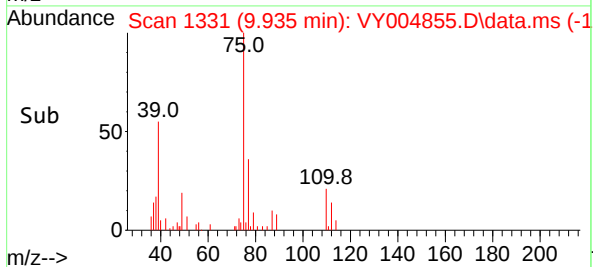
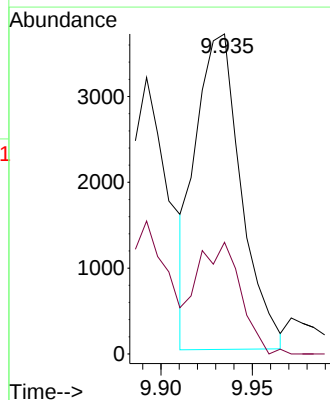
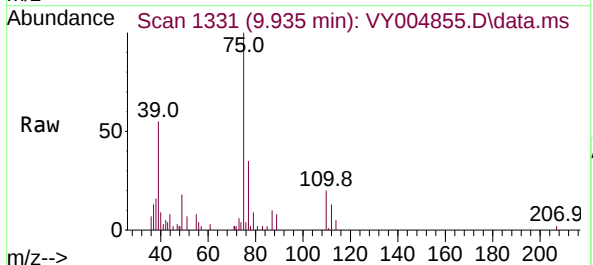
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

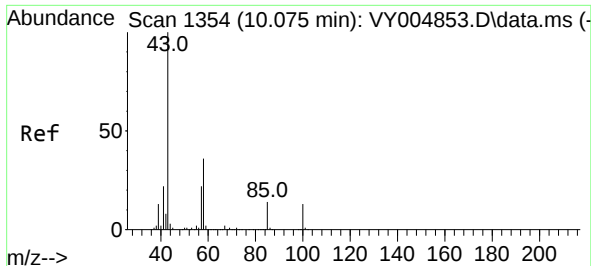
Tgt Ion:	83	Resp:	5352
Ion	Ratio	Lower	Upper
83	100		
85	50.7	44.1	81.9
127	9.4	6.9	10.3



#39
cis-1,3-Dichloropropene
Concen: 0.90 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion:	75	Resp:	6353
Ion	Ratio	Lower	Upper
75	100		
77	34.9	22.3	41.3

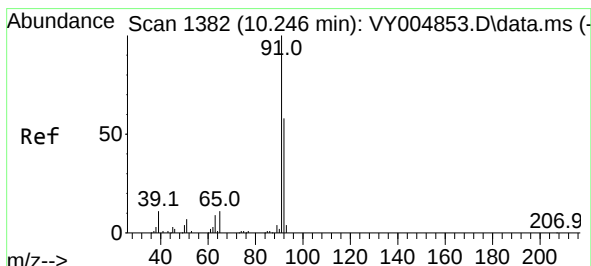
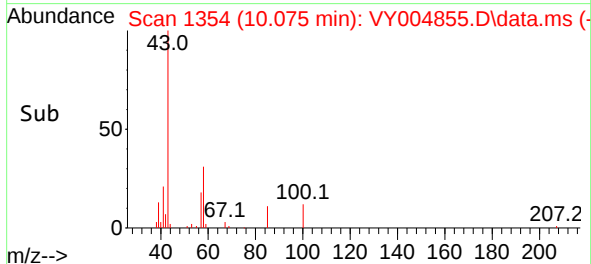
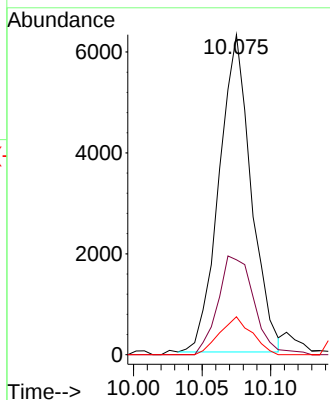
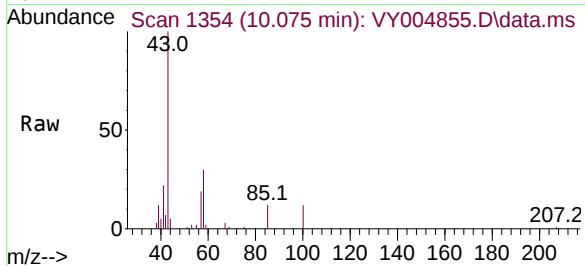




#40
4-Methyl-2-pentanone
Concen: 2.12 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

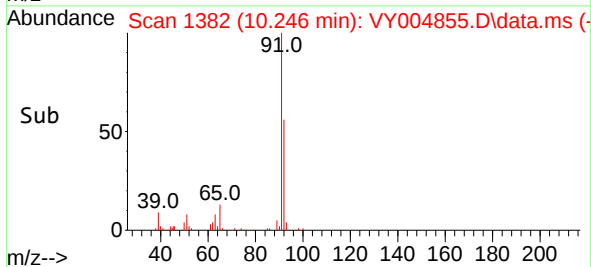
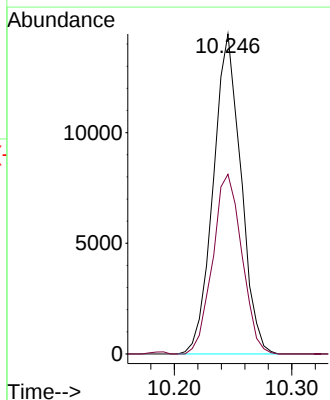
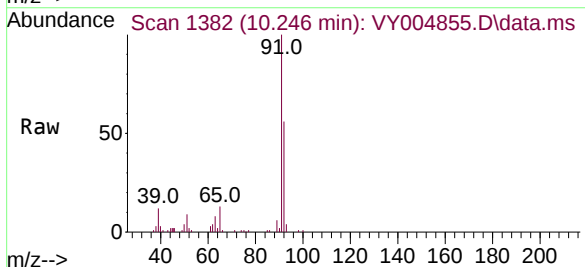
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

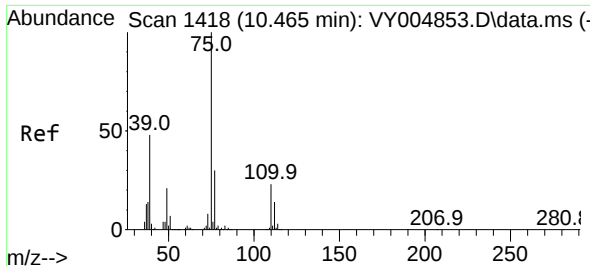
Tgt Ion:	43	Resp:	10254
Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.5	42.7
100	12.0	10.4	15.6



#42
Toluene
Concen: 1.32 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion:	91	Resp:	23662
Ion	Ratio	Lower	Upper
91	100		
92	56.1	40.5	75.1

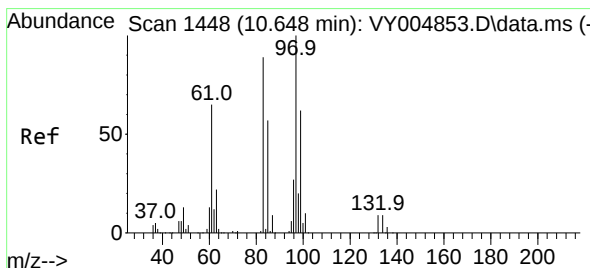
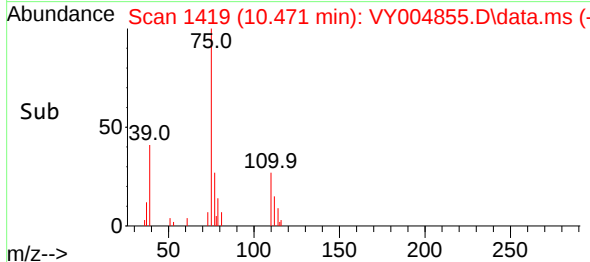
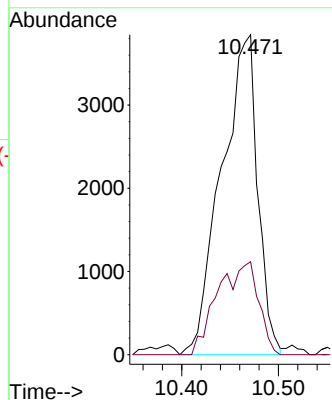
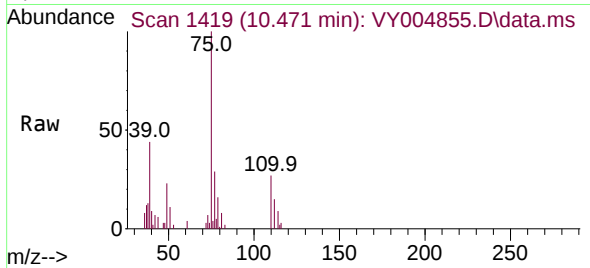




#44
trans-1,3-Dichloropropene
Concen: 1.53 ug/L
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

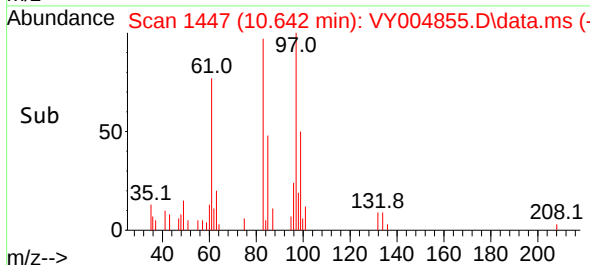
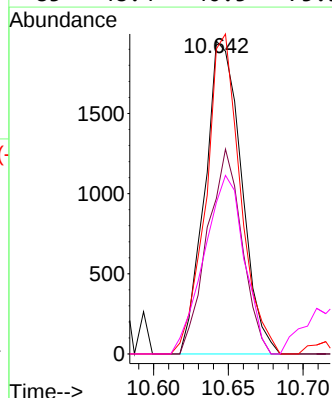
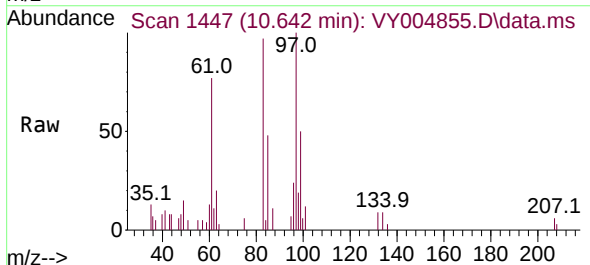
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

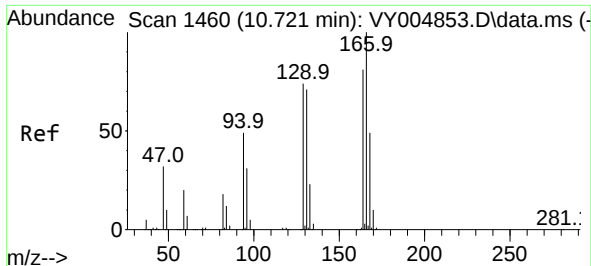
Tgt Ion: 75 Resp: 9986
Ion Ratio Lower Upper
75 100
77 29.0 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 0.94 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion: 97 Resp: 3323
Ion Ratio Lower Upper
97 100
99 49.7 44.2 82.0
83 97.4 61.1 113.5
85 48.4 40.5 75.3

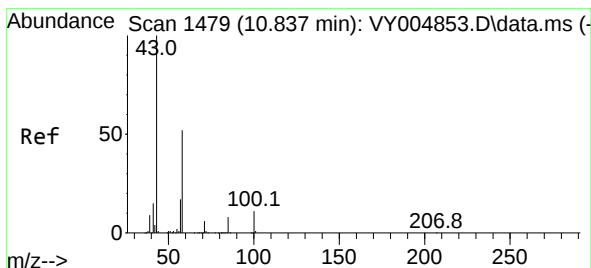
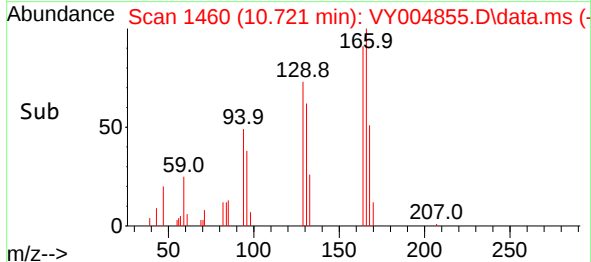
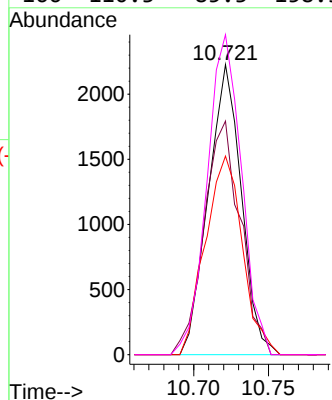
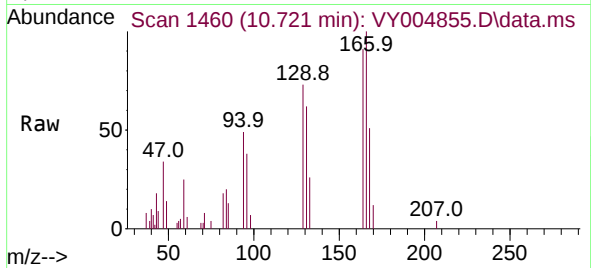




#46
Tetrachloroethene
Concen: 1.06 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

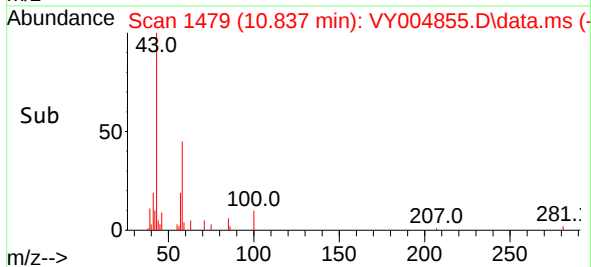
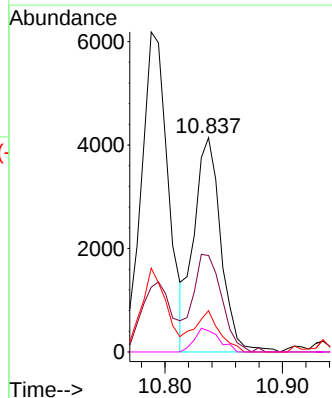
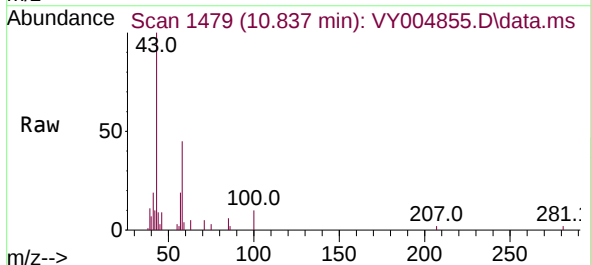
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

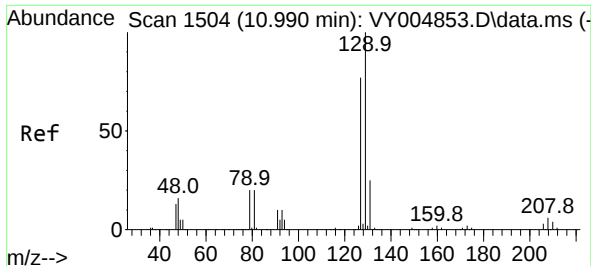
Tgt	Ion:164	Resp:	3427
Ion	Ratio	Lower	Upper
164	100		
129	80.6	65.9	122.3
131	68.5	61.9	115.1
166	110.3	85.3	158.3



#48
2-Hexanone
Concen: 2.03 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion: 43	Resp:	6622	
Ion	Ratio	Lower	Upper
43	100		
58	48.5	41.1	61.7
57	18.5	13.8	20.6
100	10.0	8.3	12.5

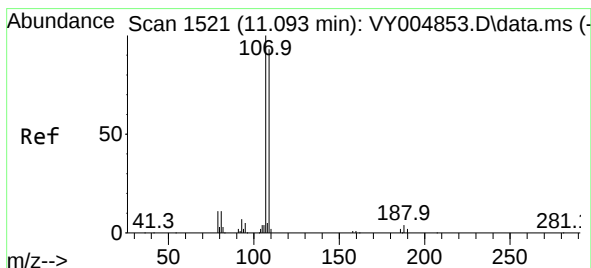
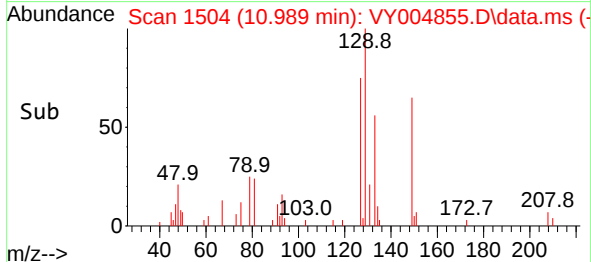
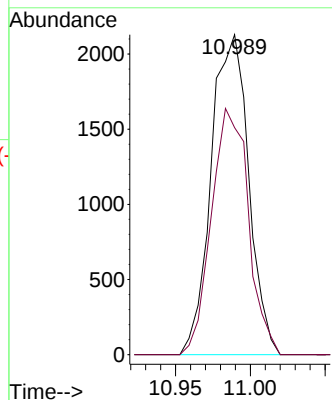
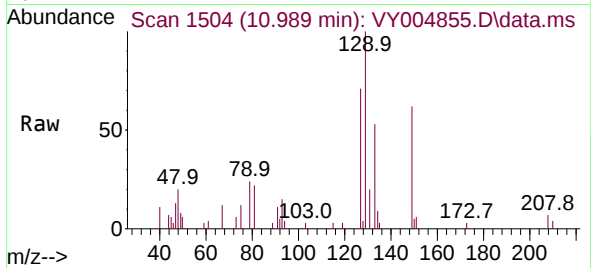




#49
Dibromochloromethane
Concen: 0.93 ug/L
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

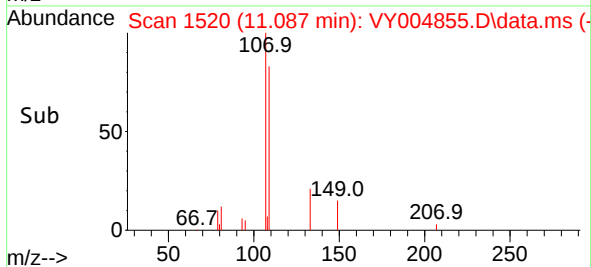
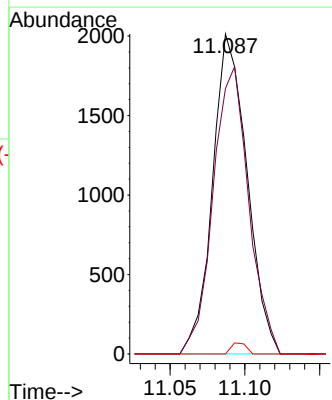
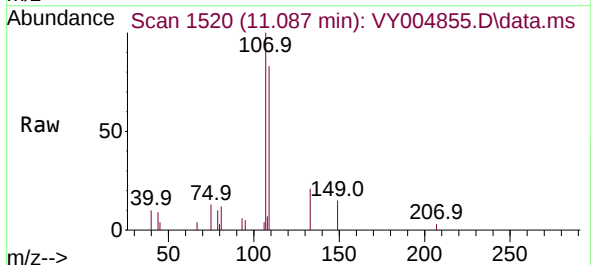
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

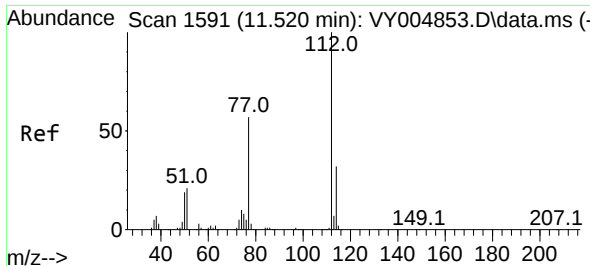
Tgt Ion:129 Resp: 3702
Ion Ratio Lower Upper
129 100
127 70.9 52.8 98.0



#50
1,2-Dibromoethane
Concen: 0.95 ug/L
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion:107 Resp: 3224
Ion Ratio Lower Upper
107 100
109 83.0 65.7 121.9
188 0.0 2.8 4.2#

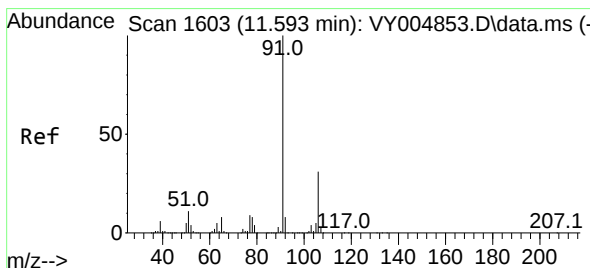
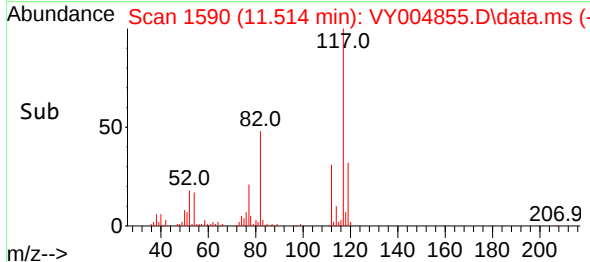
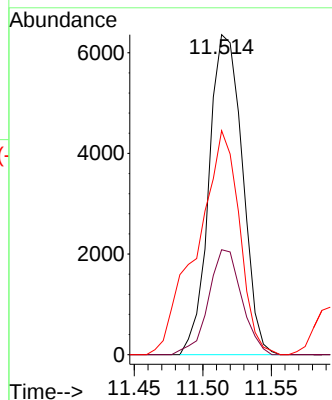
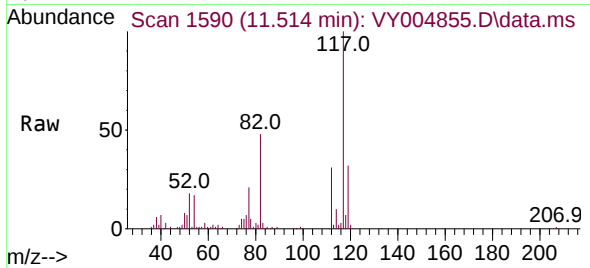




#51
Chlorobenzene
Concen: 0.97 ug/L
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

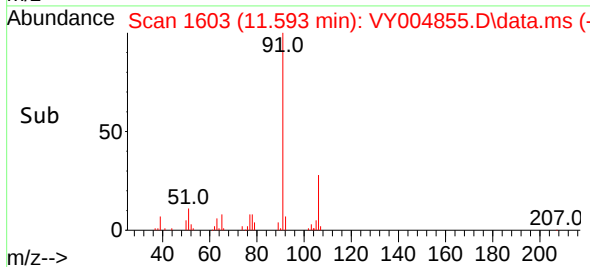
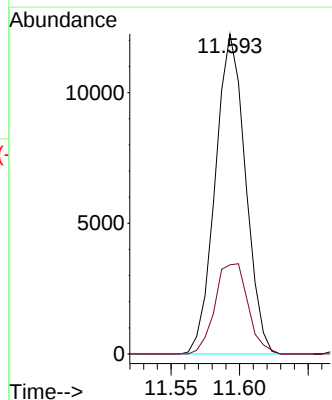
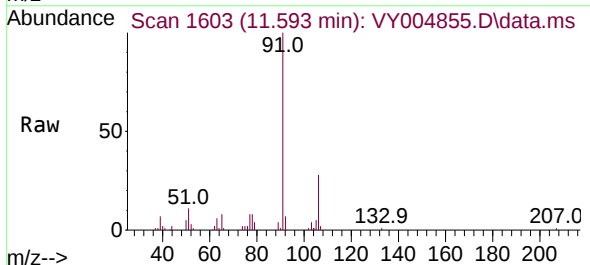
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

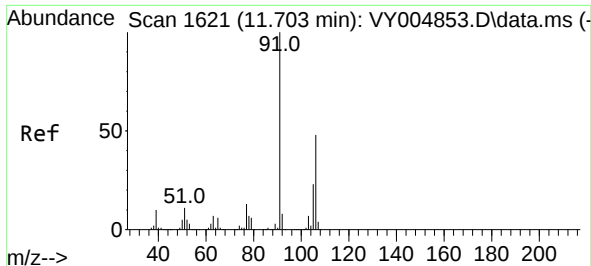
Tgt Ion:	112	Resp:	10785
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.3	41.5
77	70.0	46.5	69.7#



#52
Ethylbenzene
Concen: 0.97 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion:	91	Resp:	18752
Ion	Ratio	Lower	Upper
91	100		
106	27.9	21.2	39.4

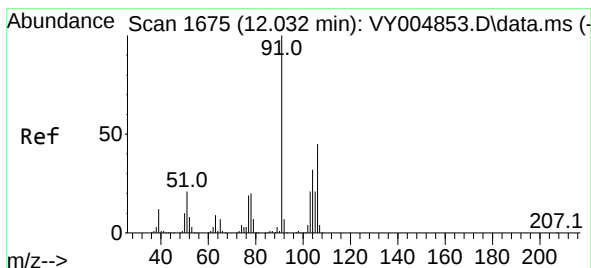
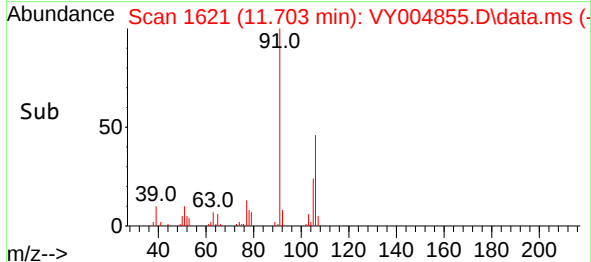
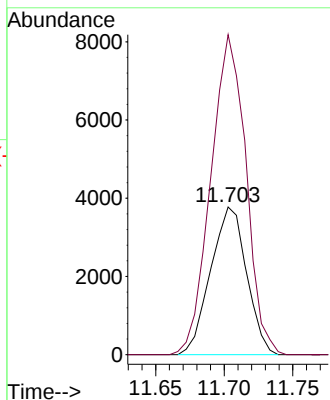
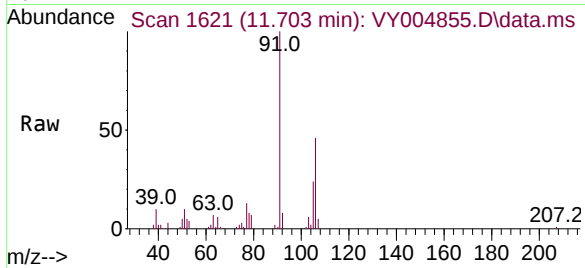




#53
m,p-Xylene
Concen: 0.96 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

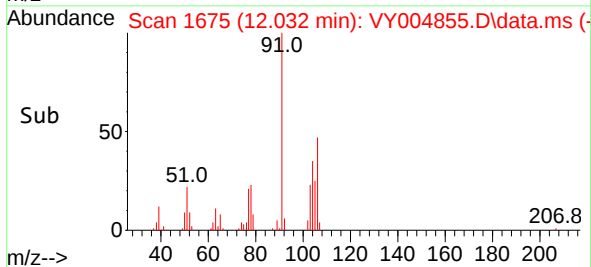
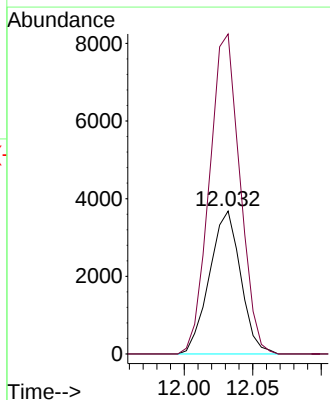
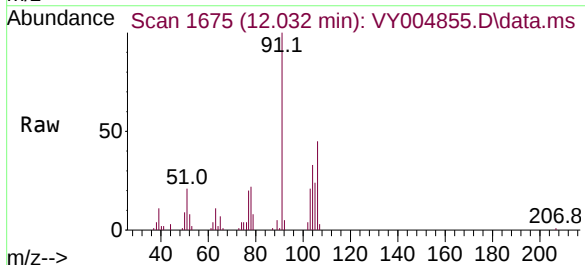
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

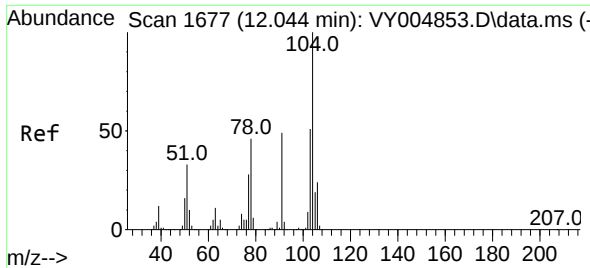
Tgt Ion:106 Resp: 6890
Ion Ratio Lower Upper
106 100
91 216.7 145.7 270.5



#54
o-Xylene
Concen: 0.85 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion:106 Resp: 5838
Ion Ratio Lower Upper
106 100
91 224.0 150.6 279.6

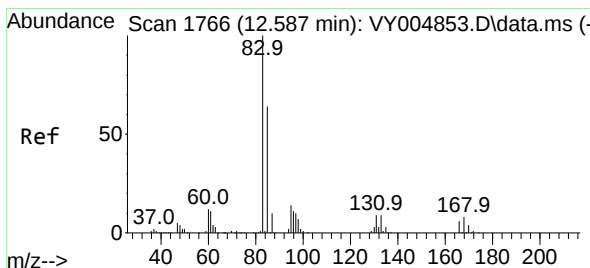
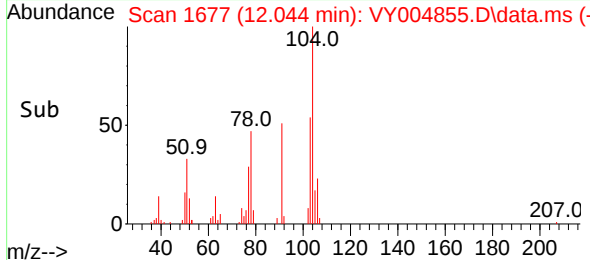
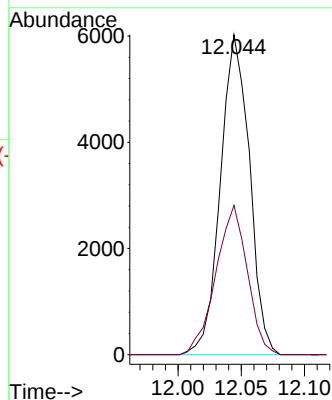
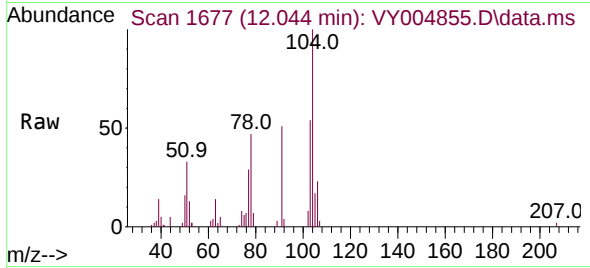




#55
Styrene
Concen: 0.82 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

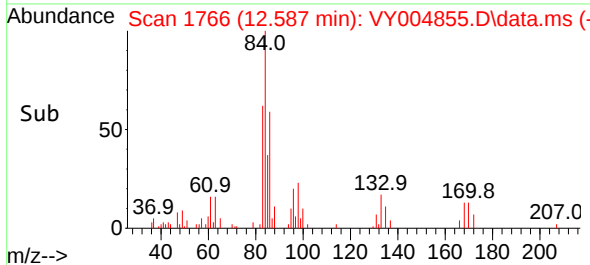
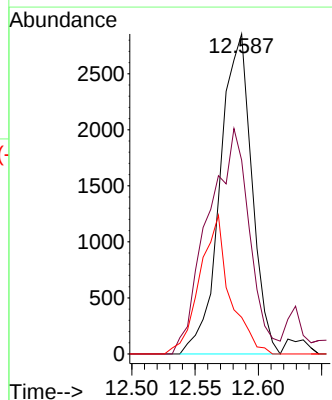
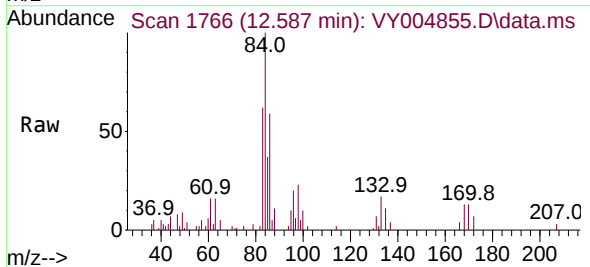
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

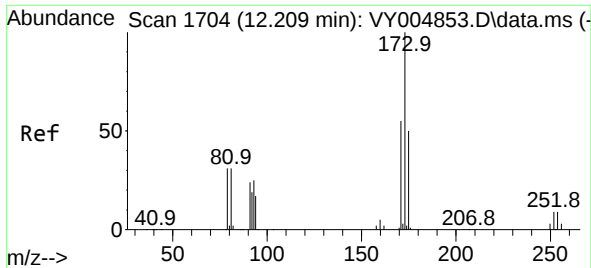
Tgt Ion:104 Resp: 9621
Ion Ratio Lower Upper
104 100
78 46.7 31.8 59.0



#57
1,1,2,2-Tetrachloroethane
Concen: 1.16 ug/L
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion: 83 Resp: 4978
Ion Ratio Lower Upper
83 100
85 60.6 45.0 83.6
131 11.5 6.9 10.3#

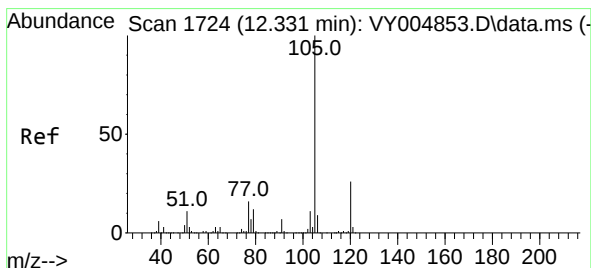
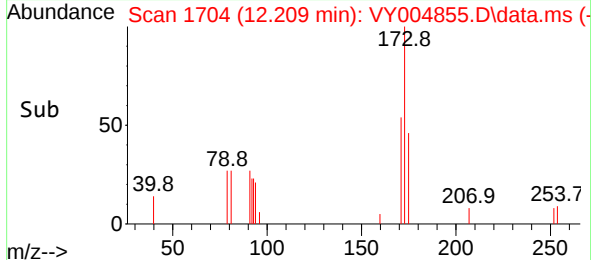
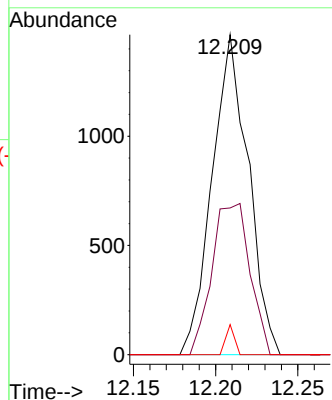
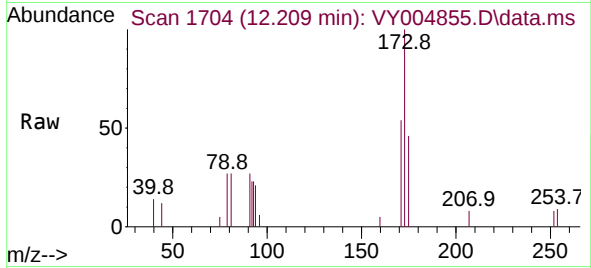




#59
Bromoform
Concen: 0.91 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

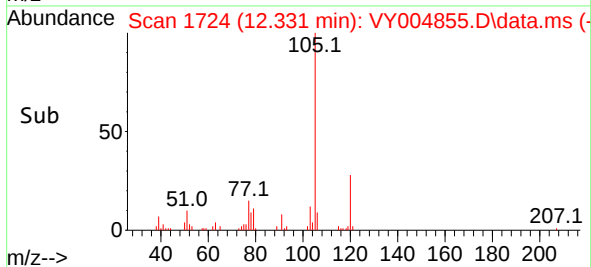
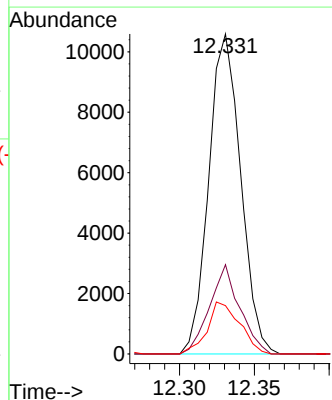
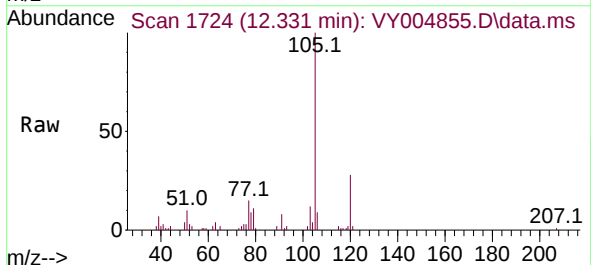
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

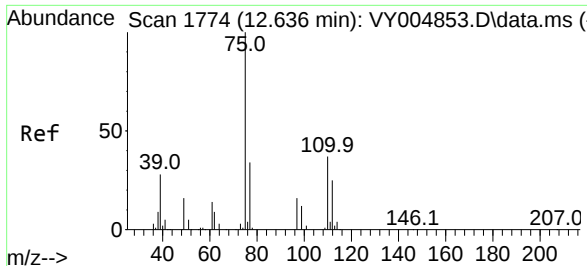
Tgt Ion:173	Resp:	2239
Ion Ratio	Lower	Upper
173	100	
175	49.6	38.8 58.2
254	0.0	7.3 10.9#



#60
Isopropylbenzene
Concen: 0.87 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion:105	Resp:	15717
Ion Ratio	Lower	Upper
105	100	
120	26.3	21.0 31.6
77	16.5	12.7 19.1

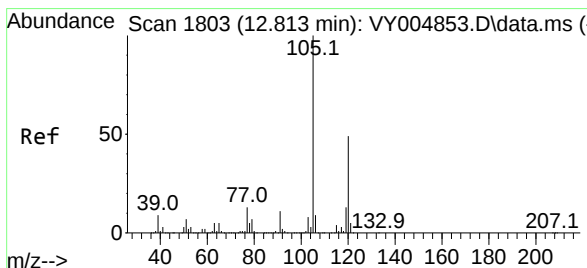
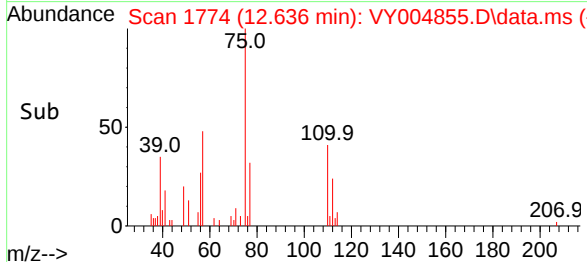
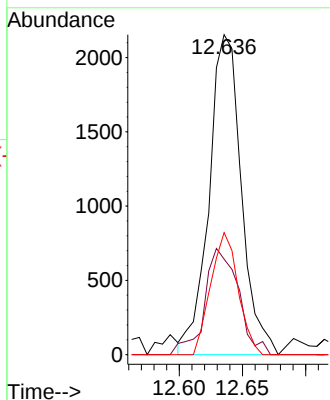
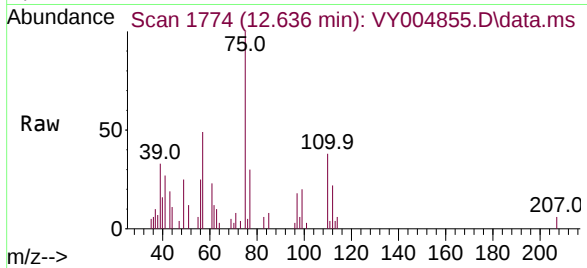




#61
1,2,3-Trichloropropane
Concen: 1.09 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

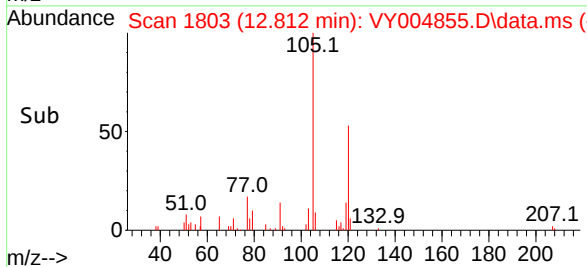
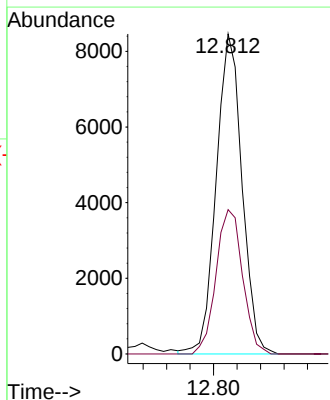
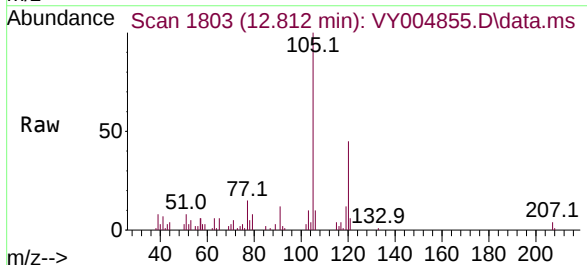
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

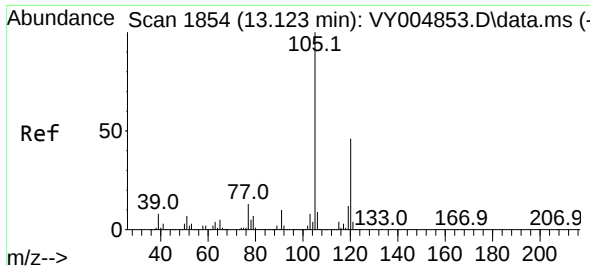
Tgt Ion:	75	Resp:	3830
Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.7	38.5
110	32.3	30.8	46.2



#62
1,3,5-Trimethylbenzene
Concen: 0.89 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion:	105	Resp:	12900
Ion	Ratio	Lower	Upper
105	100		
120	46.4	38.3	57.5

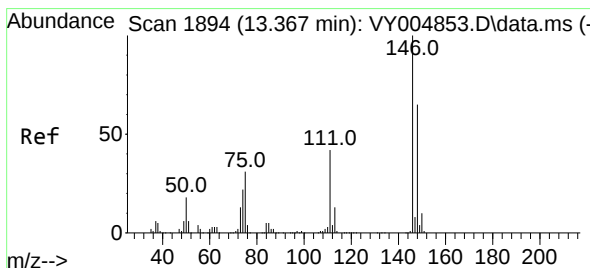
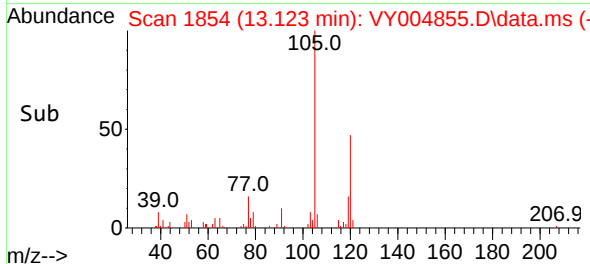
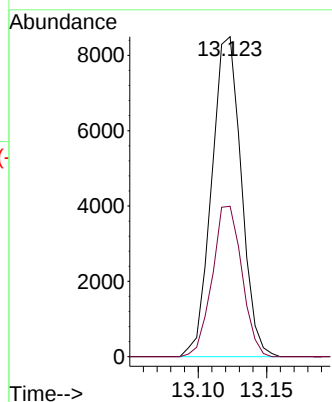
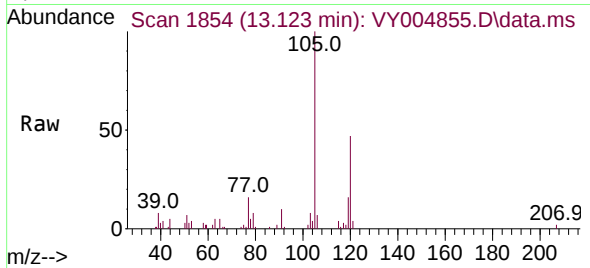




#63
1,2,4-Trimethylbenzene
Concen: 0.88 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

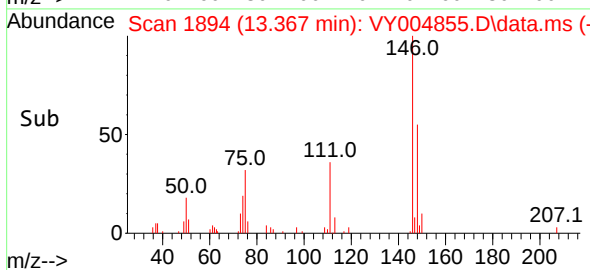
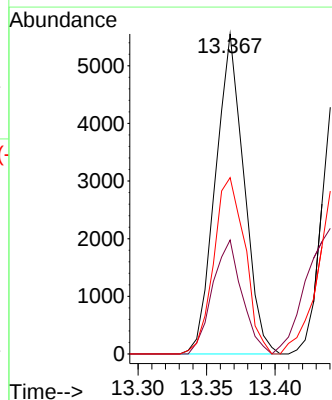
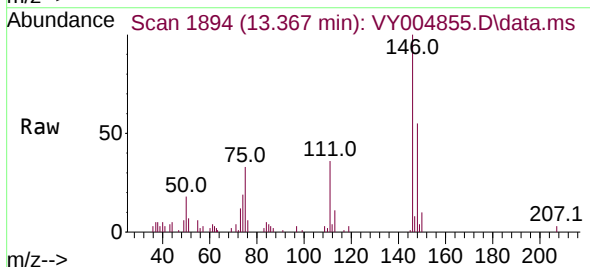
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

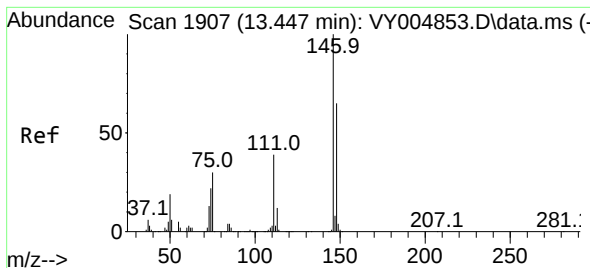
Tgt Ion:105 Resp: 12757
Ion Ratio Lower Upper
105 100
120 47.1 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 1.04 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion:146 Resp: 8056
Ion Ratio Lower Upper
146 100
111 35.6 27.4 51.0
148 55.1 45.1 83.7

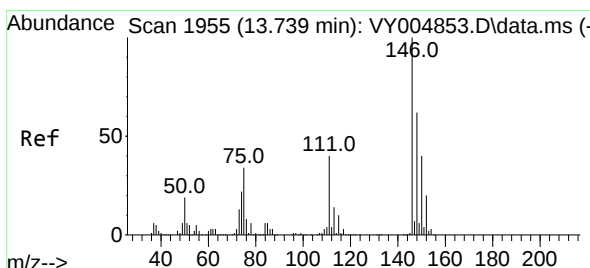
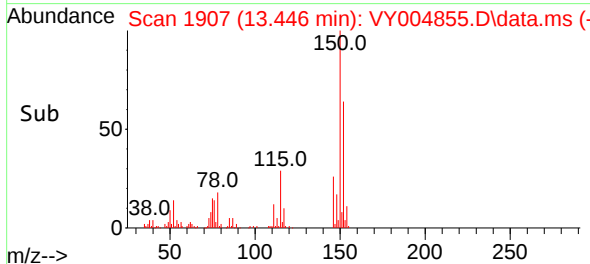
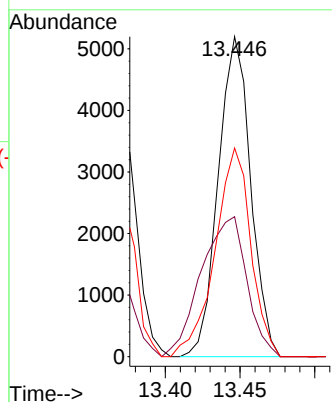
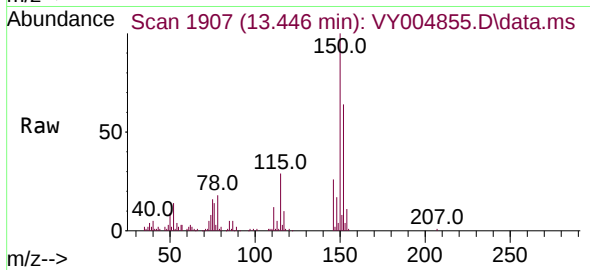




#65
1,4-Dichlorobenzene
Concen: 1.00 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

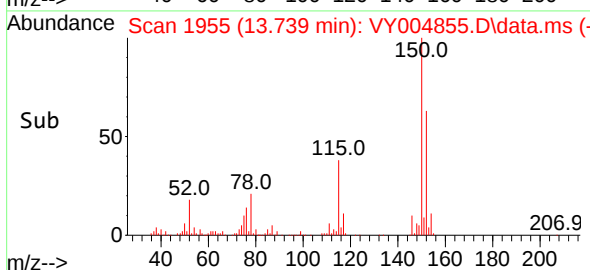
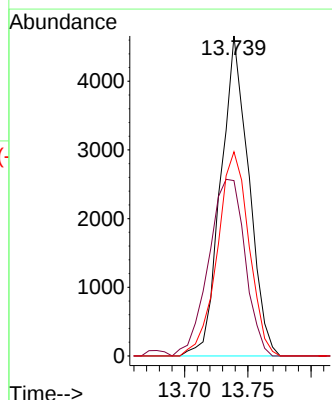
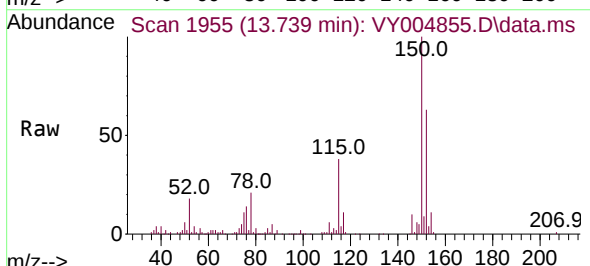
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

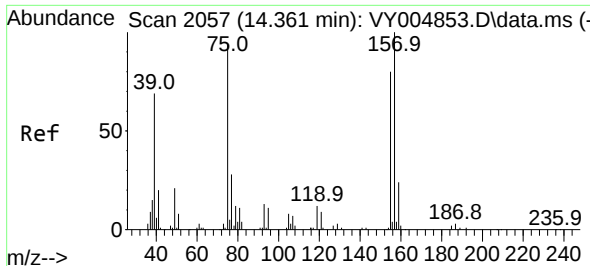
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	26.4	49.0
148	65.2	44.3	82.3



#67
1,2-Dichlorobenzene
Concen: 1.00 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	54.8	33.9	50.9
148	63.8	49.7	74.5

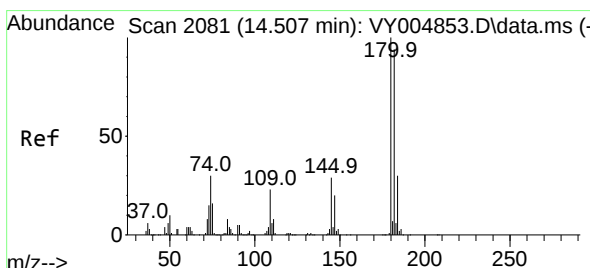
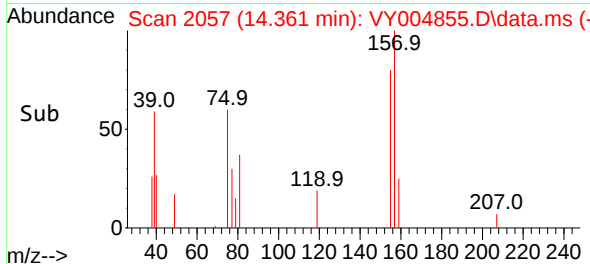
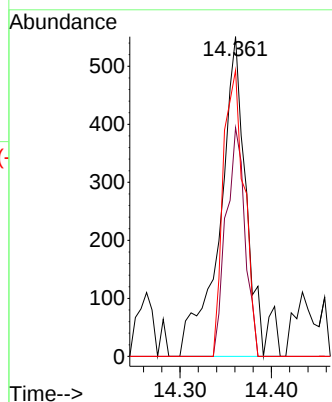
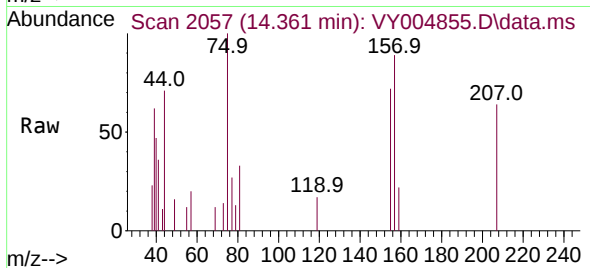




#68
1,2-Dibromo-3-chloropropane
Concen: 1.43 ug/L
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

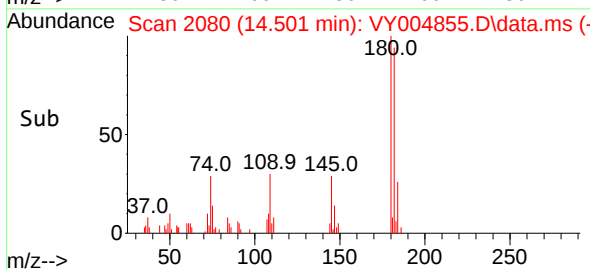
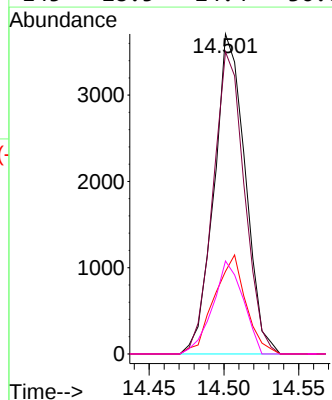
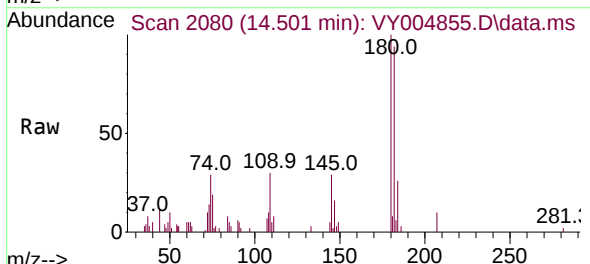
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

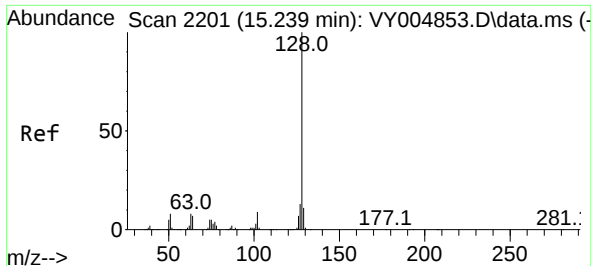
Tgt Ion: 75	Resp: 1136
Ion Ratio	Lower Upper
75 100	
155 71.5	64.5 96.7
157 89.5	77.4 116.2



#69
1,3,5-Trichlorobenzene
Concen: 1.03 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt	Ion:180	Resp:	5364
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.1	114.1
184	31.7	24.6	36.8
145	28.5	24.4	36.6

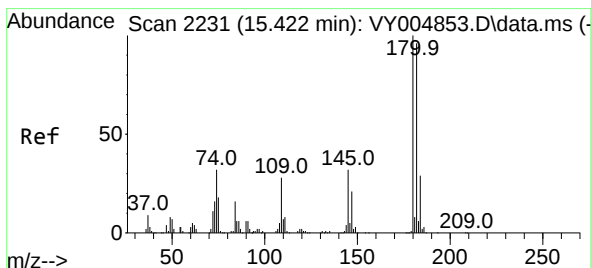
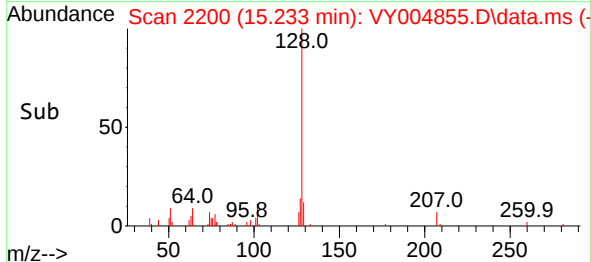
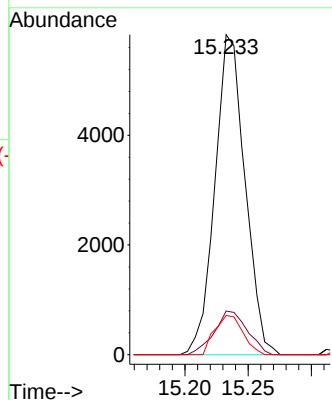
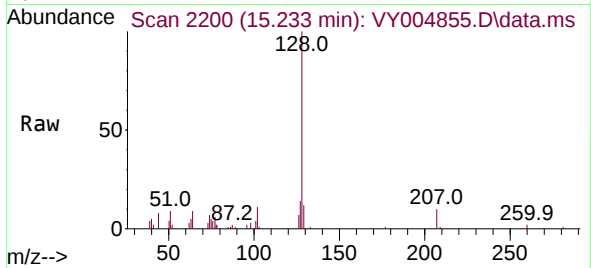




#71
Naphthalene
Concen: 0.88 ug/L
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

Tgt Ion:	128	Resp:	9645
Ion Ratio	Lower	Upper	
128	100		
127	15.0	10.3	15.5
129	11.5	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 0.94 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY004855.D
Acq: 20 May 2021 13:06

Tgt Ion:	180	Resp:	3720
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.2	114.2
145	36.2	25.8	38.8

