

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101722\
 Data File : VY010979.D
 Acq On : 17 Oct 2022 18:52
 Operator : KP/MD
 Sample : N4955-03 4.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2022

Quant Time: Oct 18 01:47:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	268333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	454201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	406117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126532	51.191	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.380%	
35) Dibromofluoromethane	7.716	113	126403	49.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.840%	
50) Toluene-d8	10.179	98	457686	48.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.520%	
62) 4-Bromofluorobenzene	12.477	95	158719	47.066	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.140%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	7878	4.426	ug/l	97
3) Chloromethane	2.113	50	12139	4.754	ug/l	97
4) Vinyl Chloride	2.247	62	13286	4.590	ug/l	96
5) Bromomethane	2.644	94	10780	5.385	ug/l	99
6) Chloroethane	2.790	64	8992	4.649	ug/l	99
7) Trichlorofluoromethane	3.125	101	18478	4.362	ug/l	98
8) Diethyl Ether	3.528	74	6946	4.394	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.893	101	11607	4.368	ug/l	93
10) Methyl Iodide	4.088	142	13529	4.161	ug/l	91
11) Tert butyl alcohol	4.936	59	11513	21.546	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	11501	4.518	ug/l #	75
13) Acrolein	3.729	56	8291	20.807	ug/l	91
14) Allyl chloride	4.472	41	17769	4.402	ug/l #	86
15) Acrylonitrile	5.155	53	18317	22.229	ug/l	97
16) Acetone	3.942	43	15025	20.932	ug/l #	89
17) Carbon Disulfide	4.186	76	34962	4.685	ug/l	99
18) Methyl Acetate	4.472	43	14387	4.564	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	30238	4.252	ug/l	96
20) Methylene Chloride	4.704	84	27834	2.954	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	12840	4.468	ug/l #	80
22) Diisopropyl ether	6.112	45	35914	4.154	ug/l	97
23) Vinyl Acetate	6.058	43	92273	17.849	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	23100	4.426	ug/l	96
25) 2-Butanone	6.978	43	23371	21.470	ug/l	91
26) 2,2-Dichloropropane	6.972	77	20171	4.352	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	14196	4.286	ug/l	93
28) Bromochloromethane	7.326	49	7365	7.222	ug/l	84
29) Tetrahydrofuran	7.344	42	14708	21.961	ug/l #	88
30) Chloroform	7.502	83	23513	4.469	ug/l	100
31) Cyclohexane	7.783	56	23969	5.068	ug/l #	54
32) 1,1,1-Trichloroethane	7.698	97	19851	4.292	ug/l	96
36) 1,1-Dichloropropene	7.917	75	17474	4.133	ug/l	99
37) Ethyl Acetate	7.070	43	10607	4.531	ug/l	98
38) Carbon Tetrachloride	7.899	117	18814	4.311	ug/l	96
39) Methylcyclohexane	9.179	83	20410	4.030	ug/l	94
40) Benzene	8.155	78	53433	4.307	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	13584	10.708	ug/l #	20
42) 1,2-Dichloroethane	8.228	62	14880	4.329	ug/l	90
43) Isopropyl Acetate	8.271	43	16958	4.055	ug/l #	91
44) Trichloroethene	8.935	130	14131	4.203	ug/l	95
45) 1,2-Dichloropropane	9.209	63	12793	4.064	ug/l	98
46) Dibromomethane	9.307	93	7628	4.345	ug/l	97
47) Bromodichloromethane	9.496	83	18200	4.302	ug/l	98
48) Methyl methacrylate	9.295	41	7266	3.882	ug/l #	77
49) 1,4-Dioxane	9.301	88	2007	79.566	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	45657	19.574	ug/l	90
52) Toluene	10.240	92	32130	4.169	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	18303	4.164	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	20430	4.062	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	11016	4.349	ug/l	96
56) Ethyl methacrylate	10.508	69	12601	3.746	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	18415	4.229	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	29347	33.397	ug/l	95
59) 2-Hexanone	10.831	43	30098	18.785	ug/l	88
60) Dibromochloromethane	10.984	129	12640	4.197	ug/l	100
61) 1,2-Dibromoethane	11.087	107	10302	4.248	ug/l	99
64) Tetrachloroethene	10.715	164	13781	4.359	ug/l	98
65) Chlorobenzene	11.514	112	36035	4.322	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	12392	4.015	ug/l	94
67) Ethyl Benzene	11.593	91	58327	3.954	ug/l	94
68) m/p-Xylenes	11.703	106	44772	7.890	ug/l	96
69) o-Xylene	12.026	106	21431	3.978	ug/l	92
70) Styrene	12.044	104	34746	3.806	ug/l	95
71) Bromoform	12.209	173	7938	4.168	ug/l #	97
73) Isopropylbenzene	12.325	105	54656	3.832	ug/l	100
74) N-amyl acetate	12.142	43	13279	3.669	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	12476	4.167	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	16423	7.367	ug/l #	100
77) Bromobenzene	12.605	156	14048	4.213	ug/l	99
78) n-propylbenzene	12.672	91	69657	4.014	ug/l	100
79) 2-Chlorotoluene	12.758	91	39494	4.041	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	45978	3.863	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	4101	3.957	ug/l #	84
82) 4-Chlorotoluene	12.855	91	41992	4.126	ug/l	99
83) tert-Butylbenzene	13.075	119	38599	3.750	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	45505	3.877	ug/l	98
85) sec-Butylbenzene	13.251	105	59439	3.843	ug/l	99
86) p-Isopropyltoluene	13.367	119	48540	3.783	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	27321	4.106	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	28277	4.274	ug/l	94
89) n-Butylbenzene	13.696	91	45751	3.816	ug/l	100
90) Hexachloroethane	13.959	117	10868	4.292	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	24169	4.059	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2023	4.087	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	13880	3.901	ug/l	98
94) Hexachlorobutadiene	15.111	225	8754	4.180	ug/l	98
95) Naphthalene	15.233	128	25466	3.514	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	11793	3.799	ug/l	97

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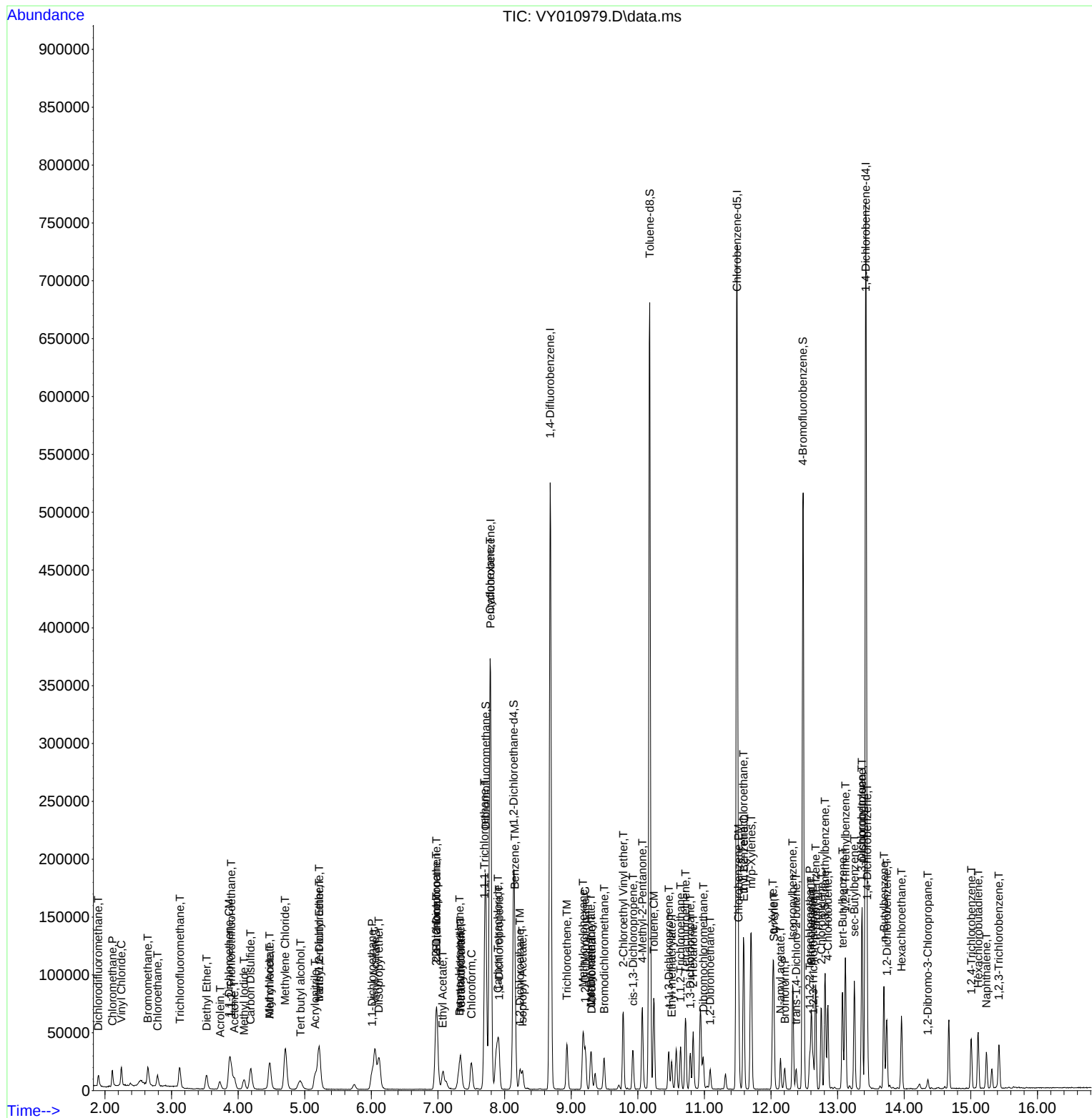
Quant Time: Oct 18 01:47:08 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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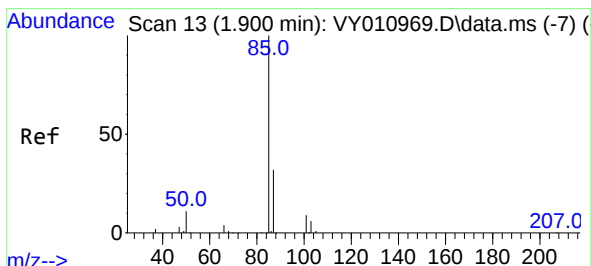
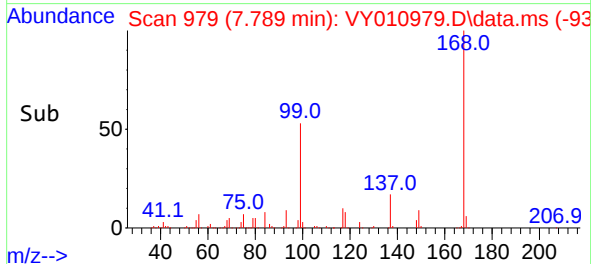
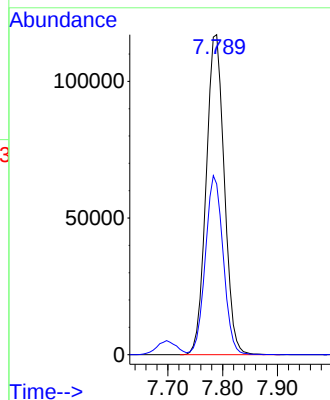
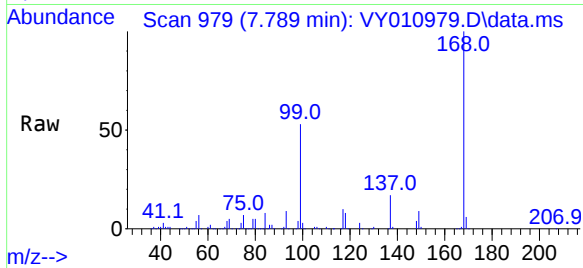




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010979.D
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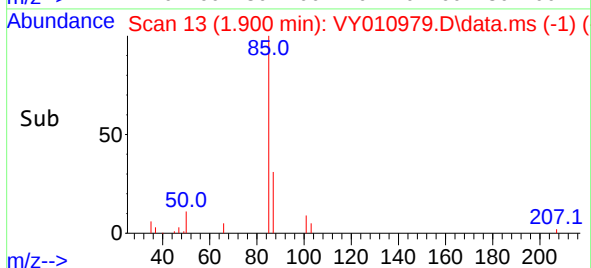
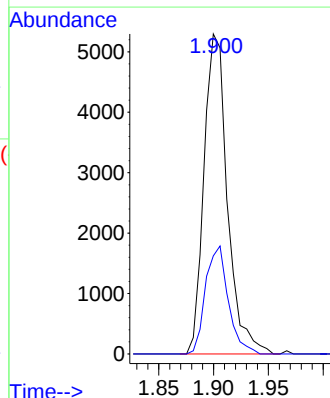
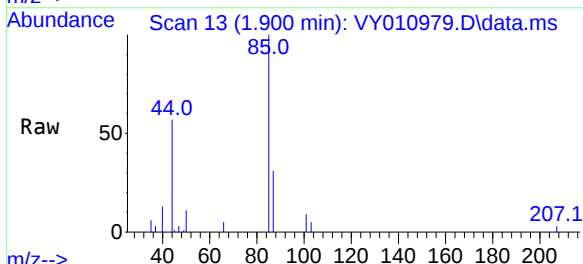
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion:168 Resp: 268333
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3

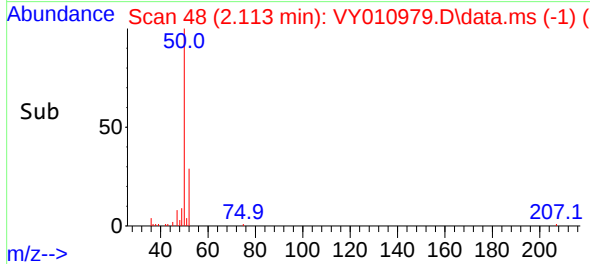
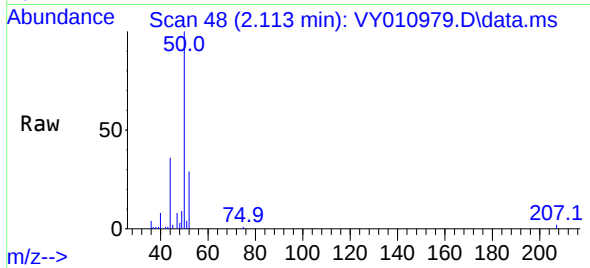
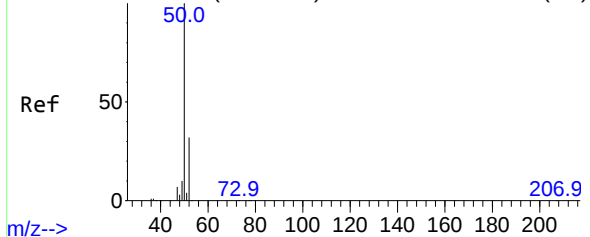


#2
Dichlorodifluoromethane
Concen: 4.426 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 85 Resp: 7878
Ion Ratio Lower Upper
85 100
87 30.7 16.1 48.2



Abundance Scan 48 (2.113 min): VY010969.D\data.ms (-40)



#3

Chloromethane

Concen: 4.754 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

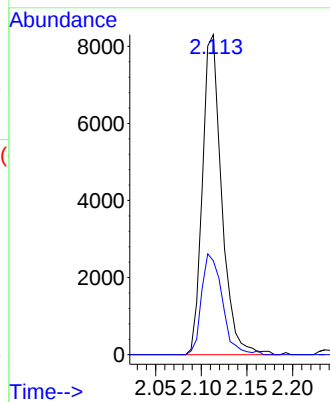
MDL-SOIL-03-QT4-2022

Tgt Ion: 50 Resp: 12139

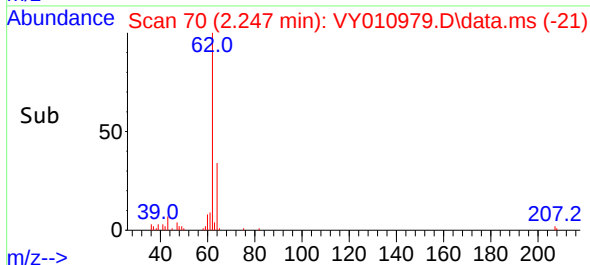
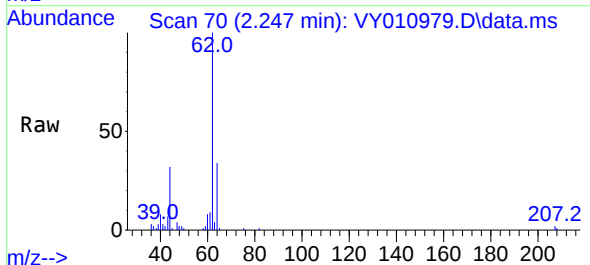
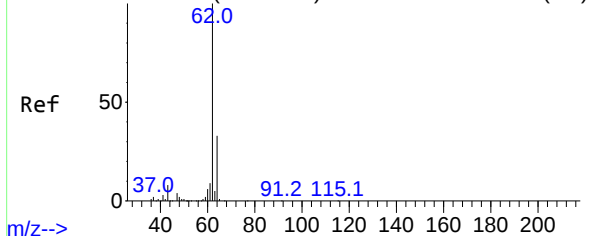
Ion Ratio Lower Upper

50 100

52 29.3 24.6 37.0



Abundance Scan 70 (2.247 min): VY010969.D\data.ms (-61)



#4

Vinyl Chloride

Concen: 4.590 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY010979.D

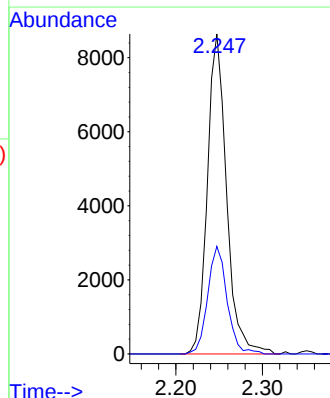
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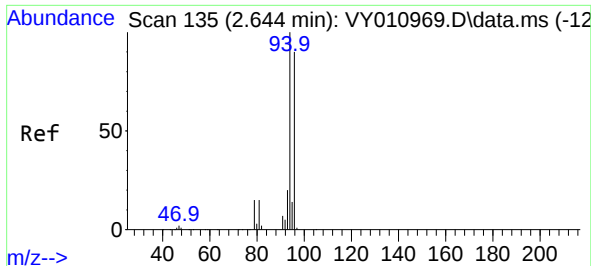
Tgt Ion: 62 Resp: 13286

Ion Ratio Lower Upper

62 100

64 33.6 25.0 37.6

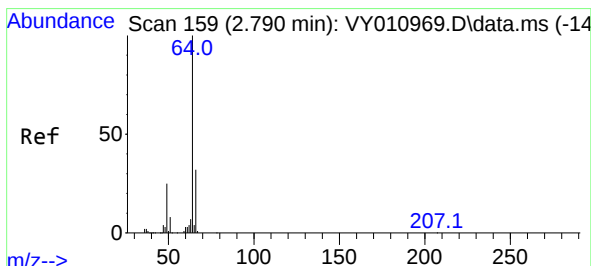
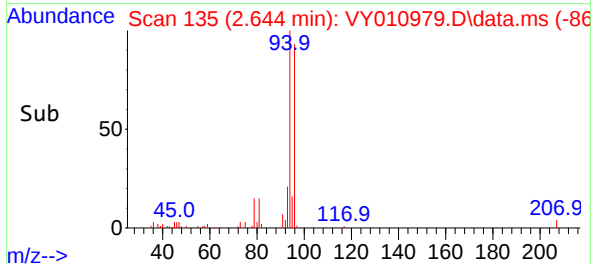
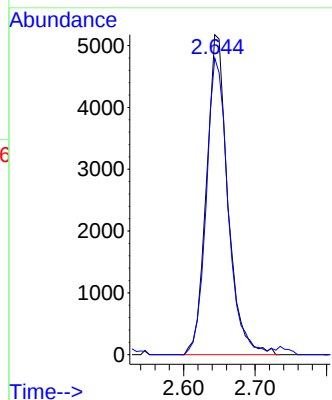
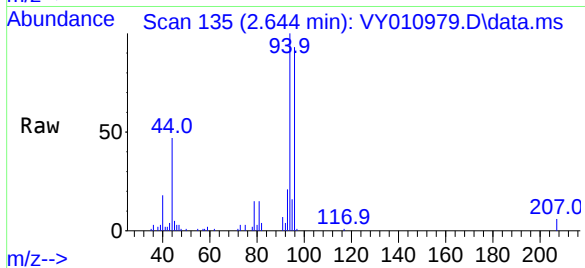




#5
Bromomethane
Concen: 5.385 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

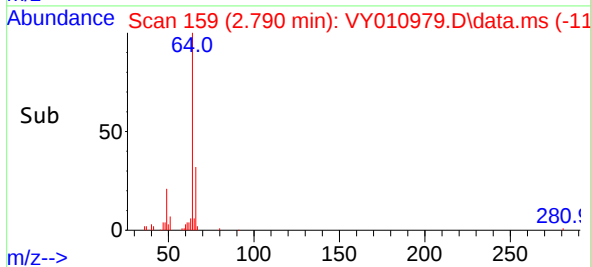
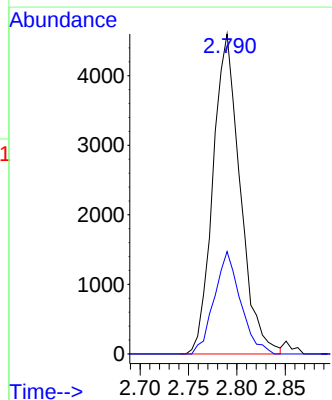
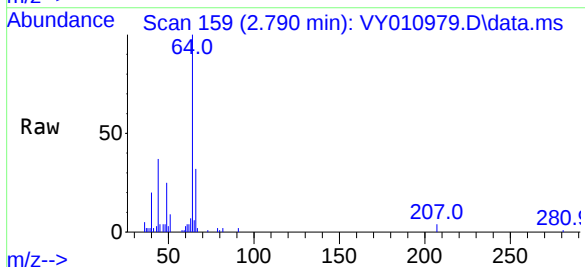
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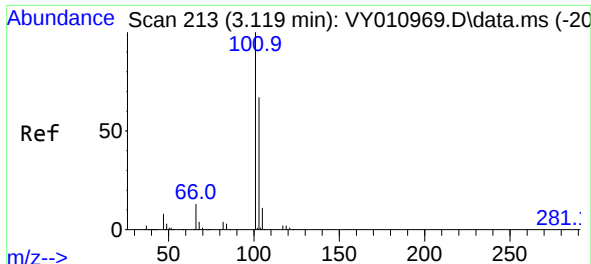
Tgt Ion: 94 Resp: 10780
Ion Ratio Lower Upper
94 100
96 92.6 73.5 110.3



#6
Chloroethane
Concen: 4.649 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 64 Resp: 8992
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.0

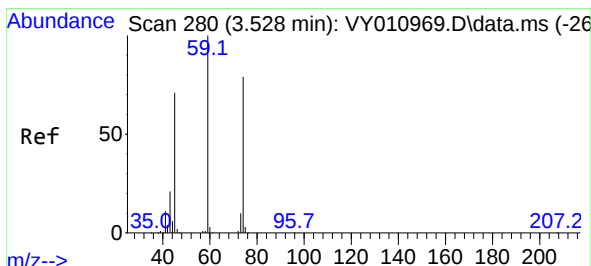
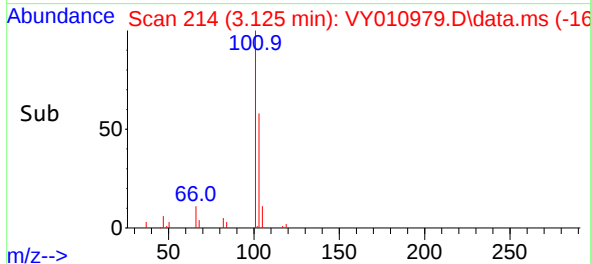
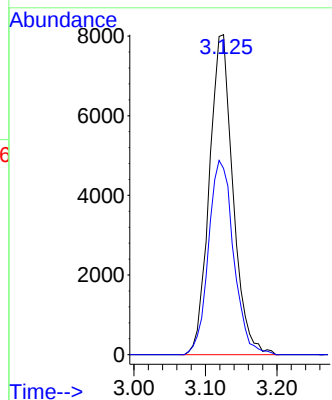
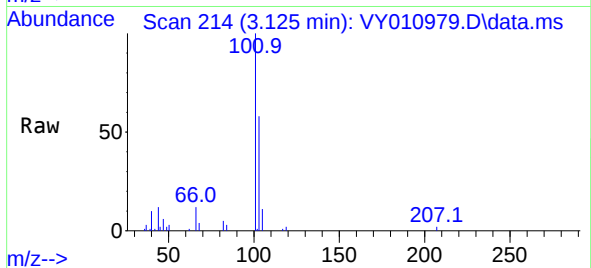




#7
Trichlorofluoromethane
Concen: 4.362 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

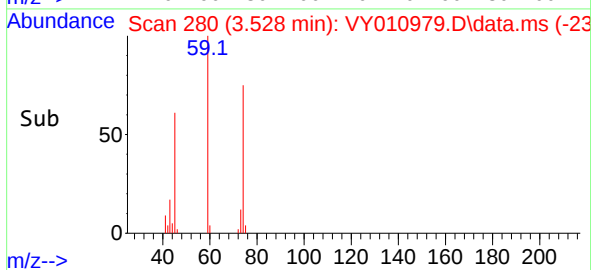
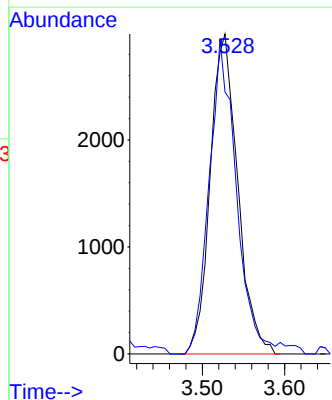
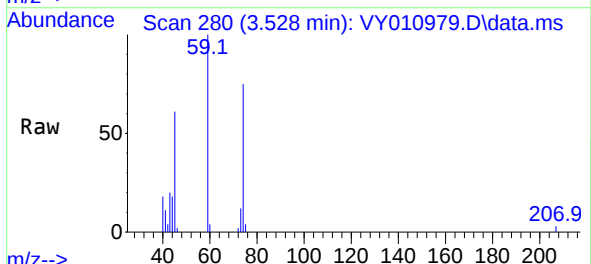
Instrument :
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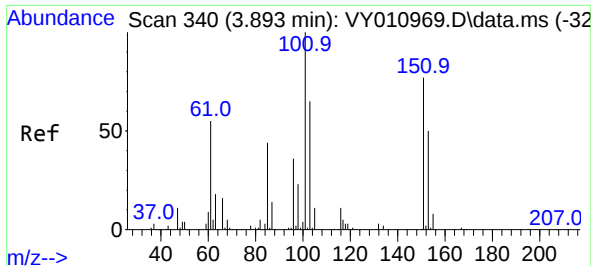
Tgt Ion:101 Resp: 18478
Ion Ratio Lower Upper
101 100
103 58.2 48.0 72.0



#8
Diethyl Ether
Concen: 4.394 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 74 Resp: 6946
Ion Ratio Lower Upper
74 100
45 96.4 55.1 165.5



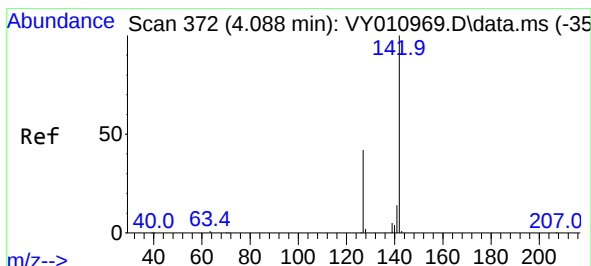
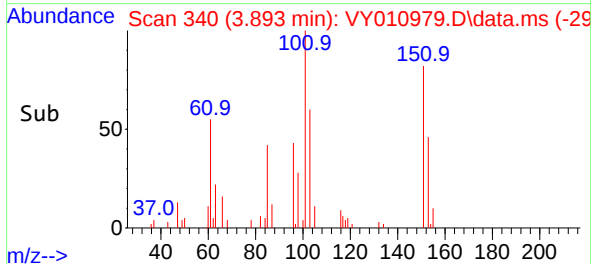
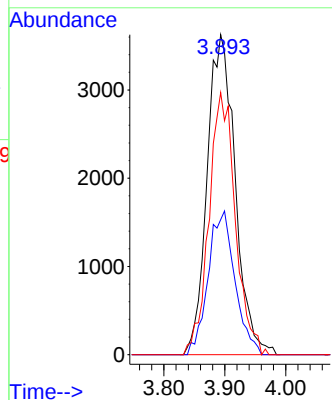
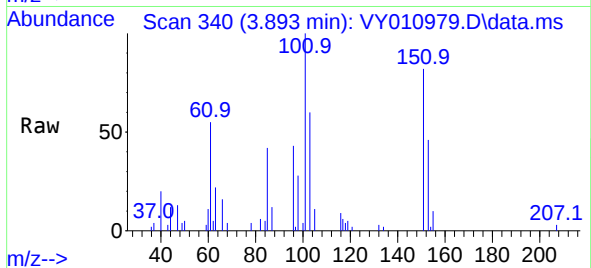


#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.368 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion:101 Resp: 11607

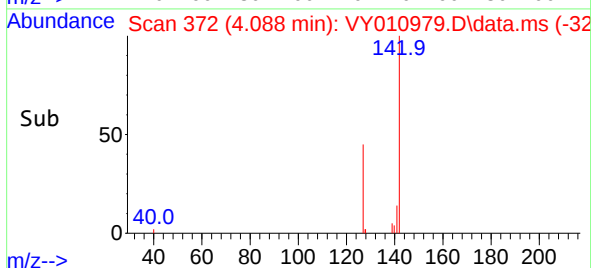
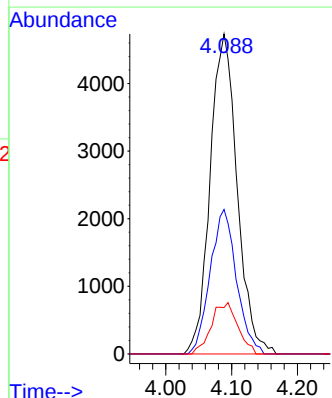
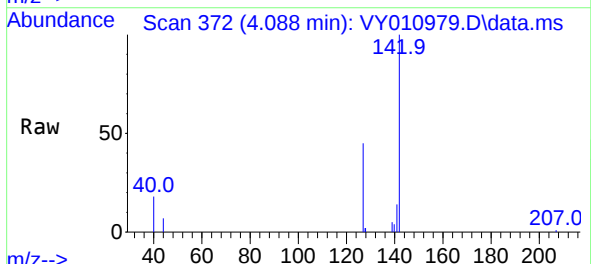
Ion	Ratio	Lower	Upper
101	100		
85	42.9	40.6	60.8
151	77.0	64.9	97.3

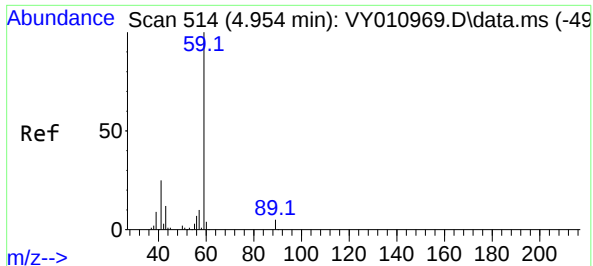


#10
Methyl Iodide
Concen: 4.161 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:142 Resp: 13529

Ion	Ratio	Lower	Upper
142	100		
127	44.0	41.5	62.3
141	15.7	11.9	17.9

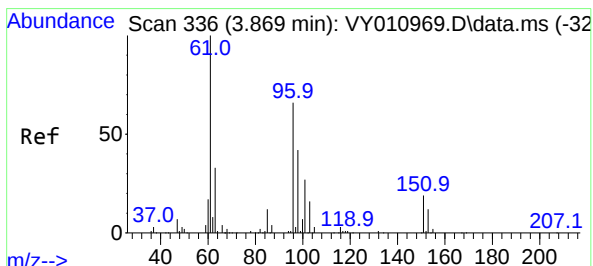
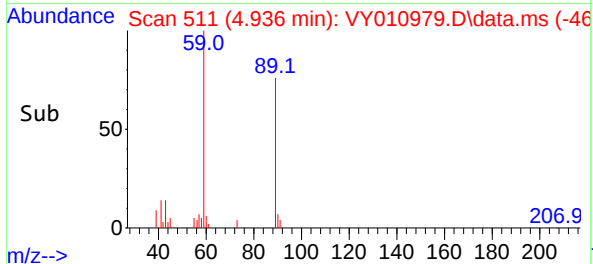
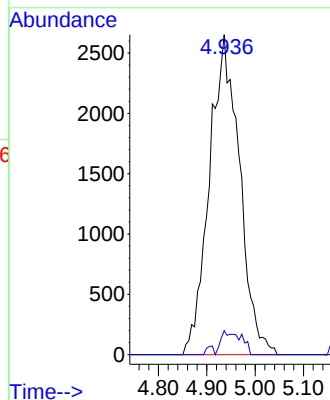
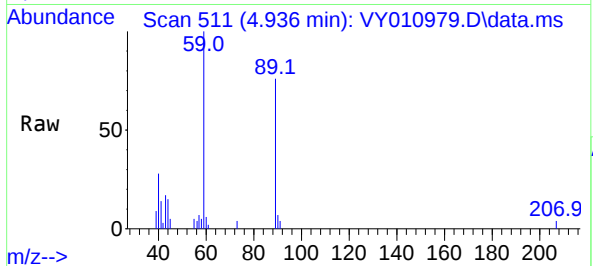




#11
Tert butyl alcohol
Concen: 21.546 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

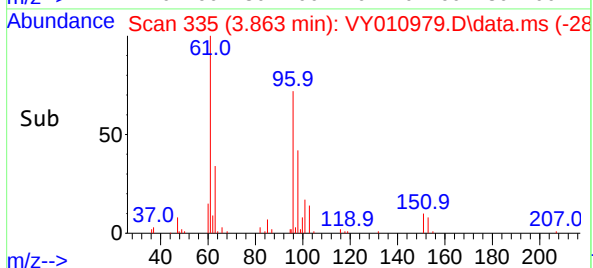
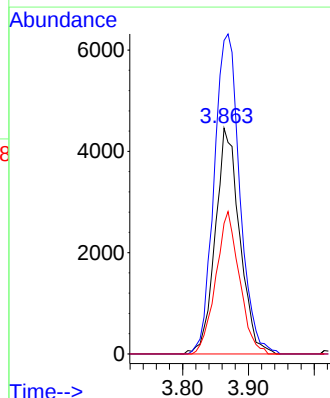
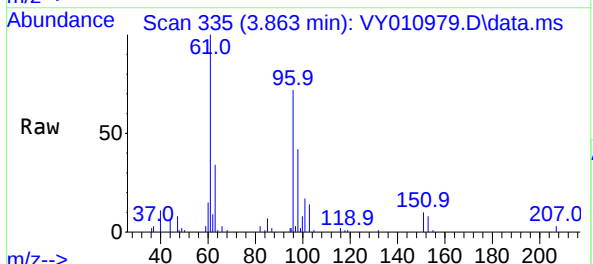
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

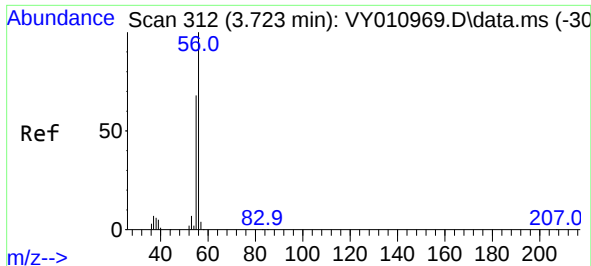
Tgt Ion: 59 Resp: 11513
Ion Ratio Lower Upper
59 100
57 4.9 6.4 9.6#



#12
1,1-Dichloroethene
Concen: 4.518 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 96 Resp: 11501
Ion Ratio Lower Upper
96 100
61 138.8 145.8 218.6#
98 57.8 52.5 78.7

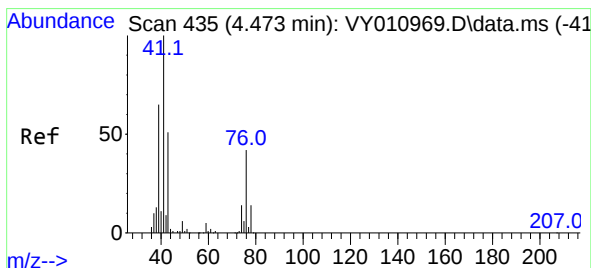
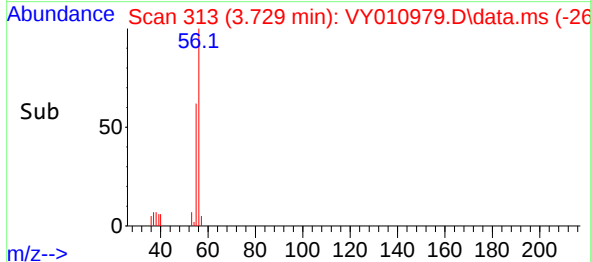
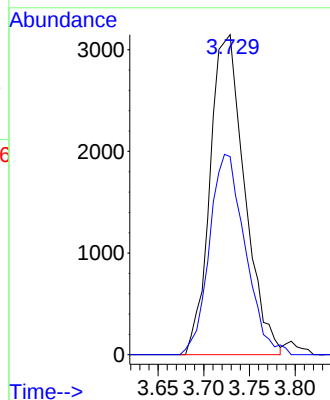
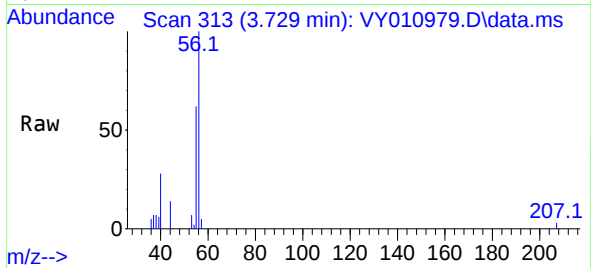




#13
Acrolein
Concen: 20.807 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

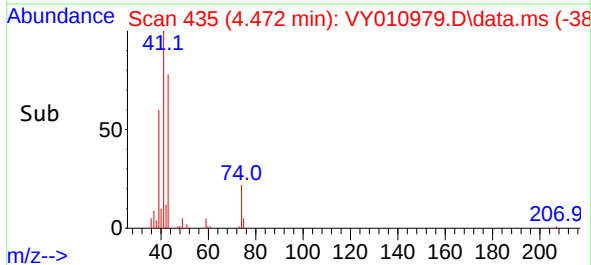
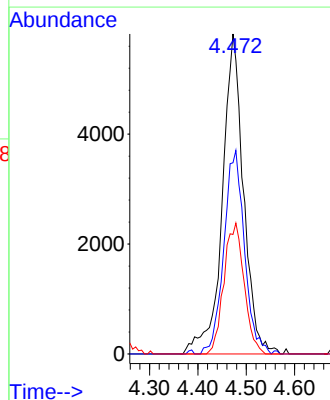
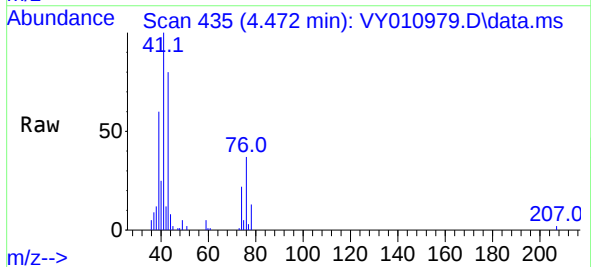
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

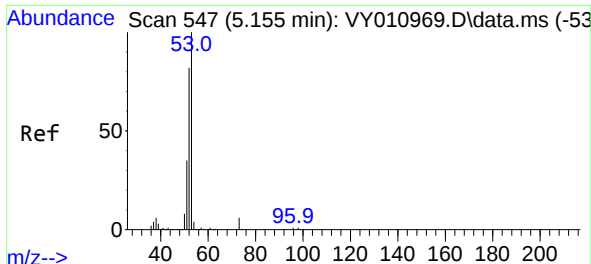
Tgt Ion: 56 Resp: 8291
Ion Ratio Lower Upper
56 100
55 64.7 57.6 86.4



#14
Allyl chloride
Concen: 4.402 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 41 Resp: 17769
Ion Ratio Lower Upper
41 100
39 61.6 58.8 88.2
76 38.8 25.1 37.7#

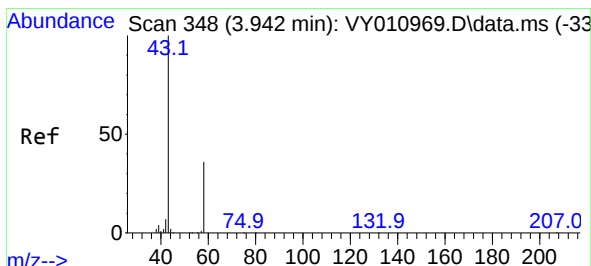
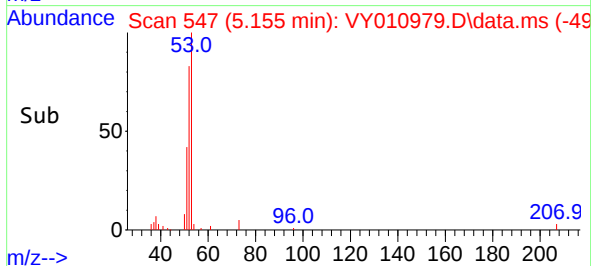
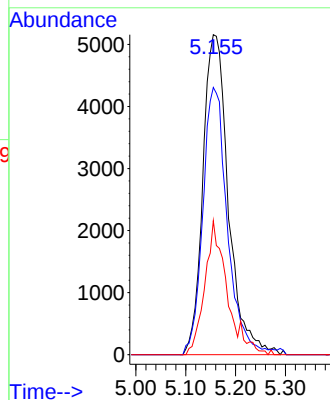
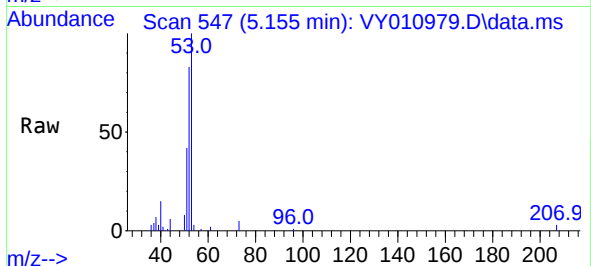




#15
Acrylonitrile
Concen: 22.229 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

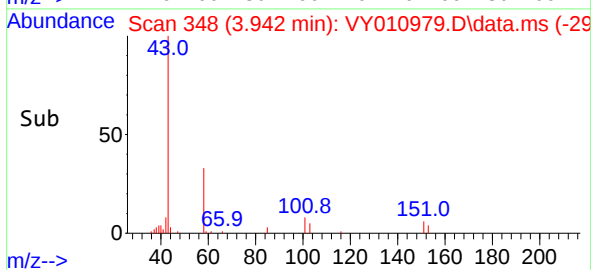
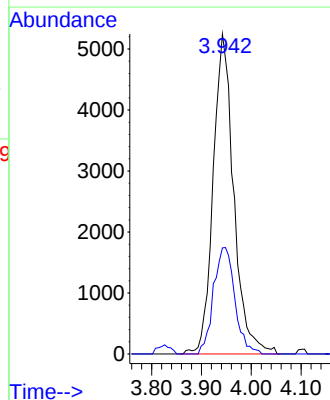
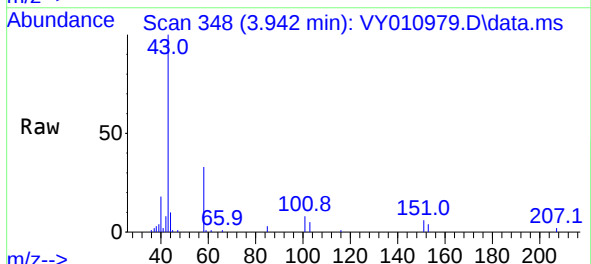
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

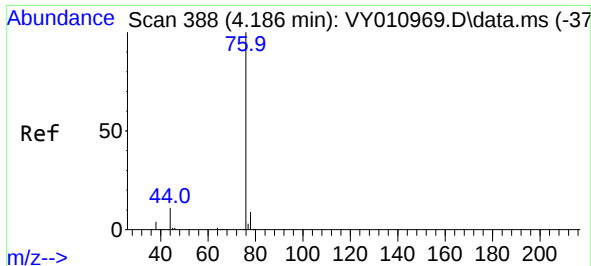
Tgt Ion:	53	Resp:	18317
Ion	Ratio	Lower	Upper
53	100		
52	80.6	67.0	100.4
51	36.4	29.8	44.6



#16
Acetone
Concen: 20.932 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:	43	Resp:	15025
Ion	Ratio	Lower	Upper
43	100		
58	33.2	22.0	33.0#

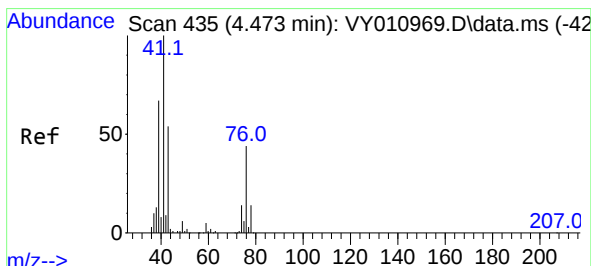
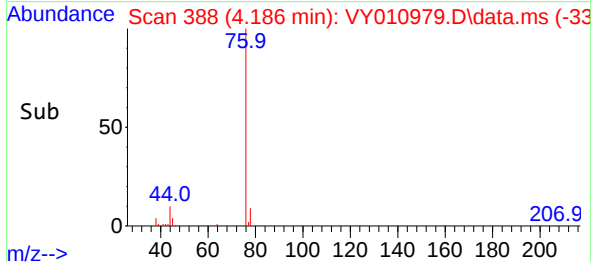
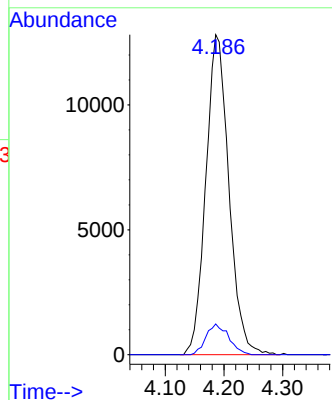
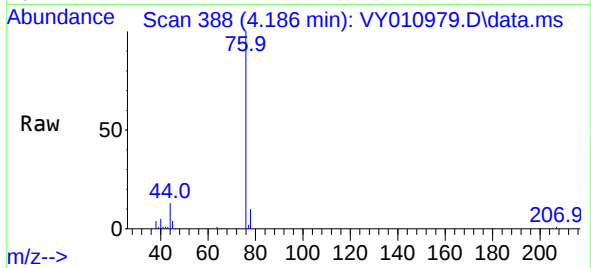




#17
Carbon Disulfide
Concen: 4.685 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

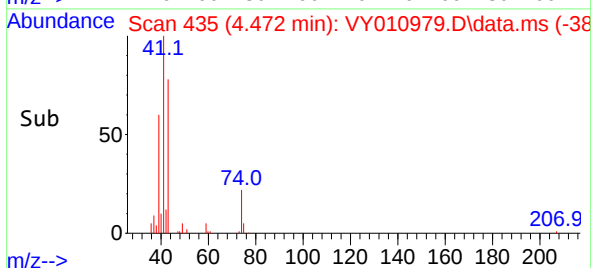
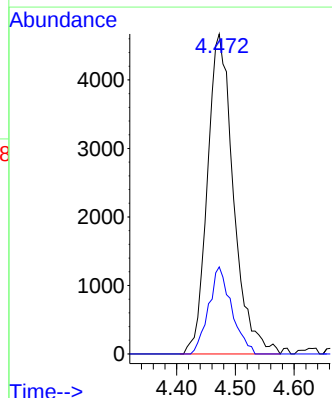
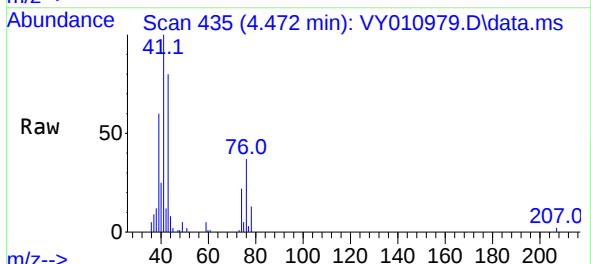
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022

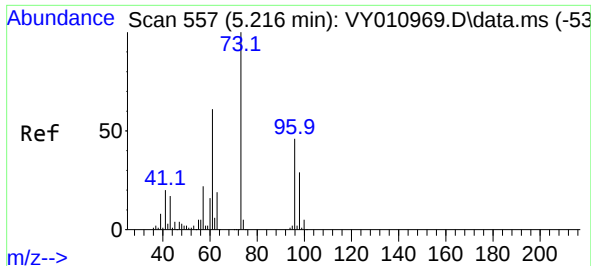
Tgt Ion: 76 Resp: 34962
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 4.564 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 43 Resp: 14387
Ion Ratio Lower Upper
43 100
74 24.0 16.6 24.8

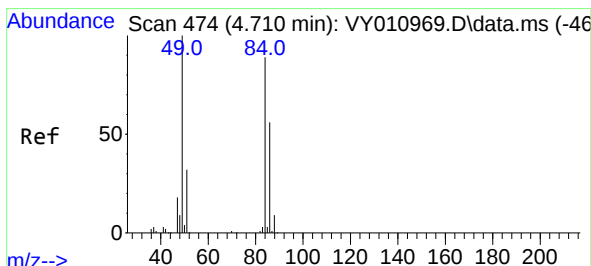
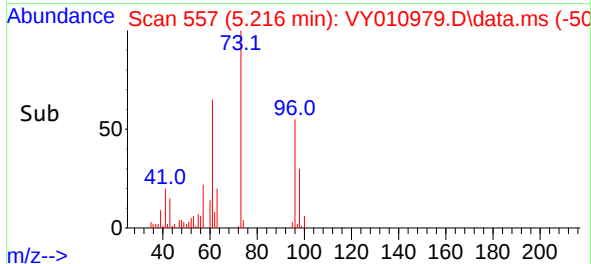
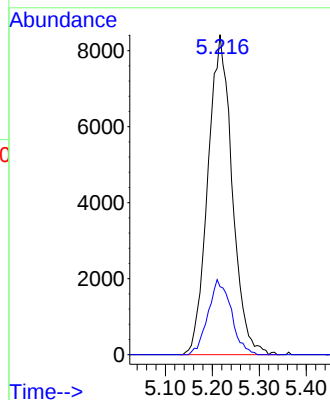
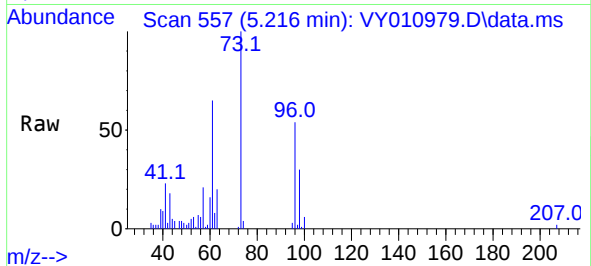




#19
Methyl tert-butyl Ether
Concen: 4.252 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

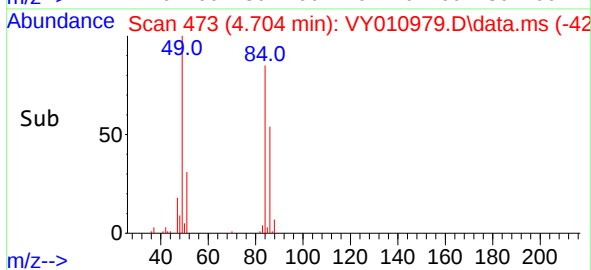
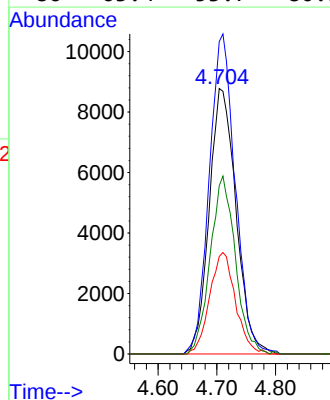
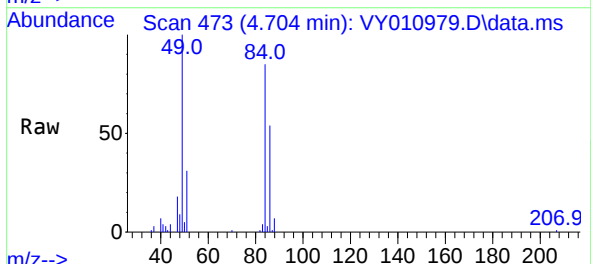
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

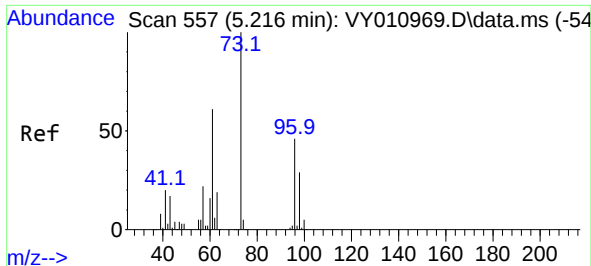
Tgt Ion: 73 Resp: 30238
Ion Ratio Lower Upper
73 100
57 21.3 18.6 27.8



#20
Methylene Chloride
Concen: 2.954 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 84 Resp: 27834
Ion Ratio Lower Upper
84 100
49 117.7 114.4 171.6
51 36.7 35.3 52.9
86 63.4 53.7 80.5

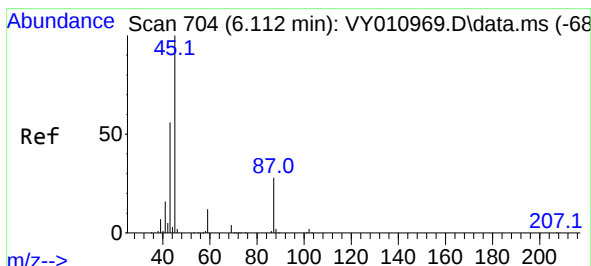
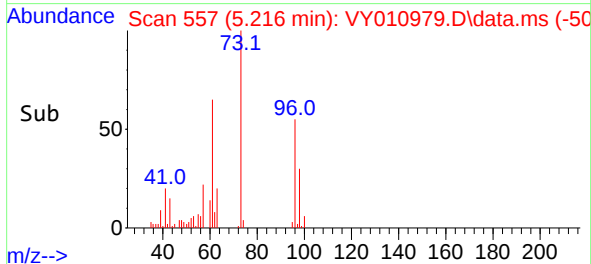
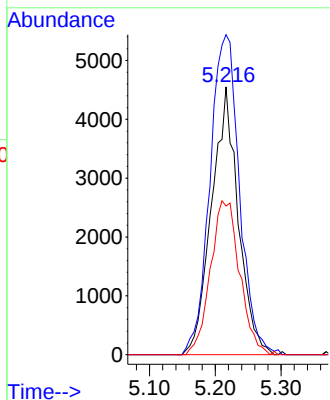
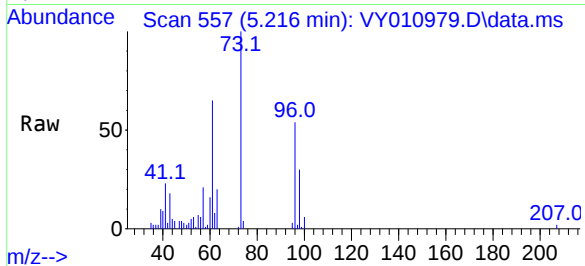




#21
trans-1,2-Dichloroethene
Concen: 4.468 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

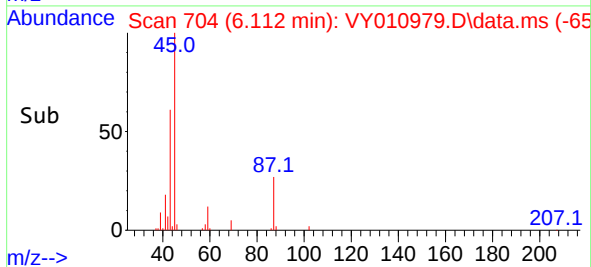
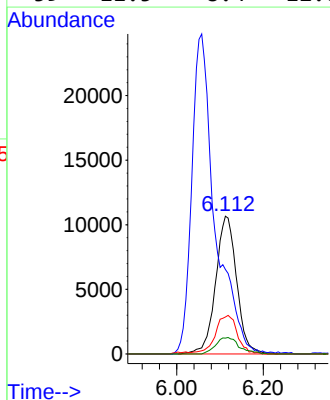
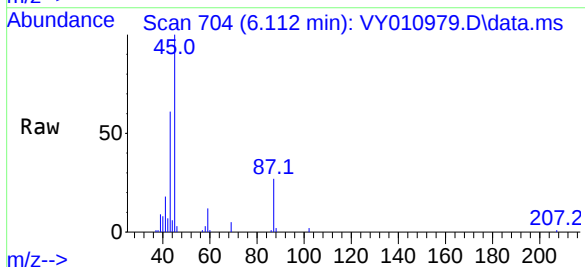
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

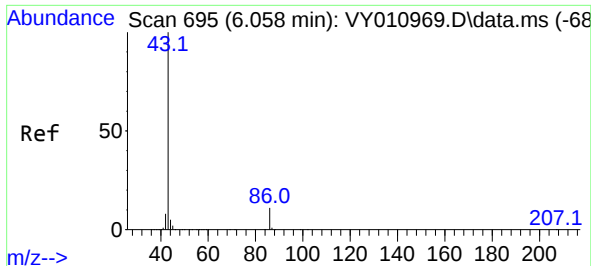
Tgt Ion: 96 Resp: 12840
Ion Ratio Lower Upper
96 100
61 119.5 120.5 180.7#
98 55.5 49.8 74.8



#22
Diisopropyl ether
Concen: 4.154 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 45 Resp: 35914
Ion Ratio Lower Upper
45 100
43 59.8 49.3 73.9
87 26.9 19.2 28.8
59 11.5 8.4 12.6

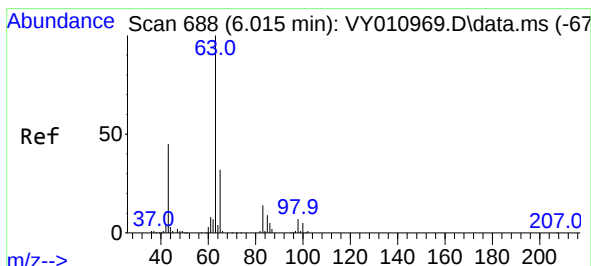
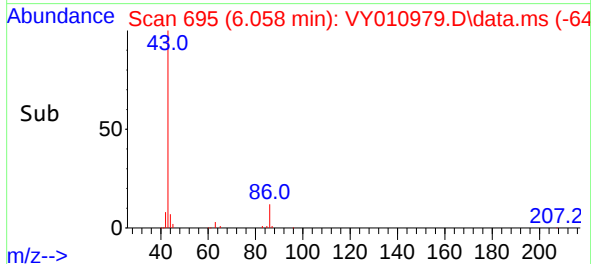
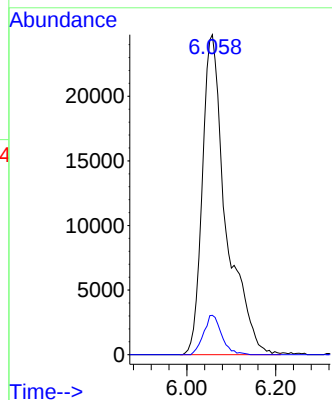
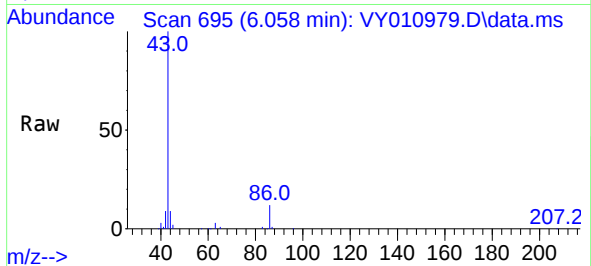




#23
 Vinyl Acetate
 Concen: 17.849 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY010979.D
 Acq: 17 Oct 2022 18:52

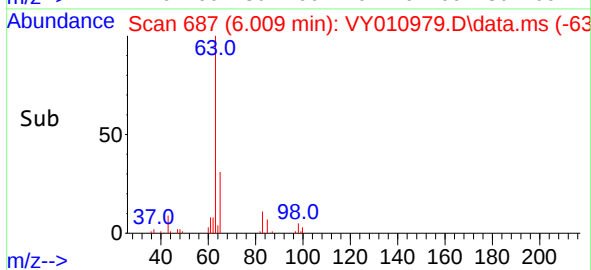
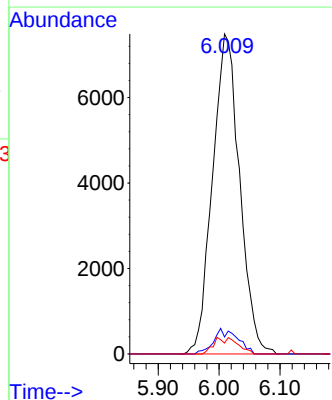
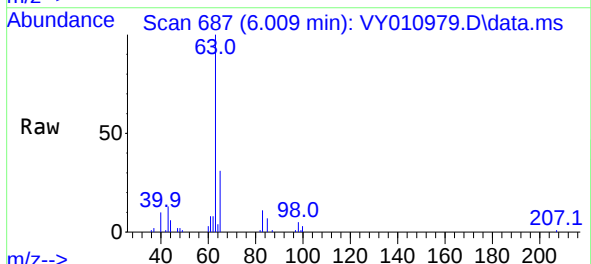
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2022

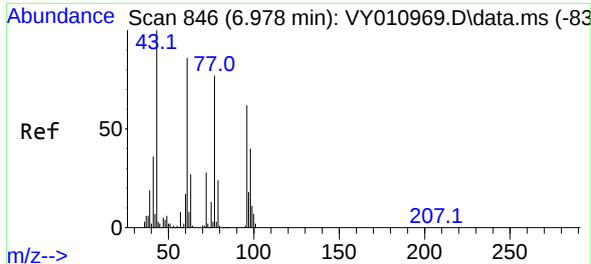
Tgt Ion: 43 Resp: 92273
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 4.426 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY010979.D
 Acq: 17 Oct 2022 18:52

Tgt Ion: 63 Resp: 23100
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.6 10.8
 100 3.4 2.0 5.8

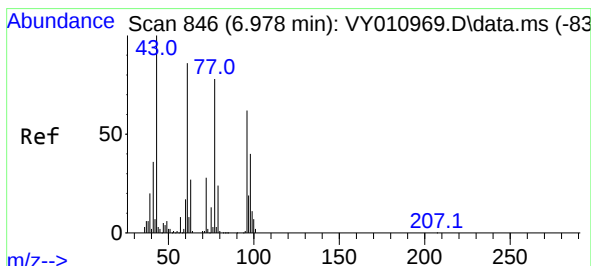
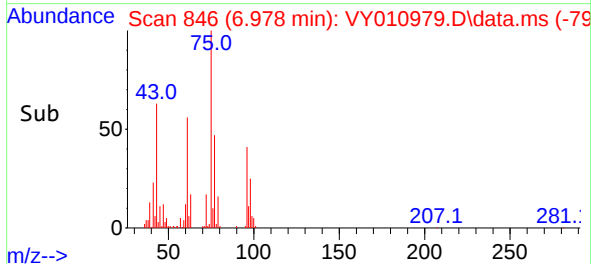
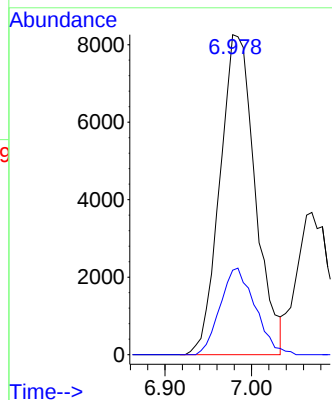
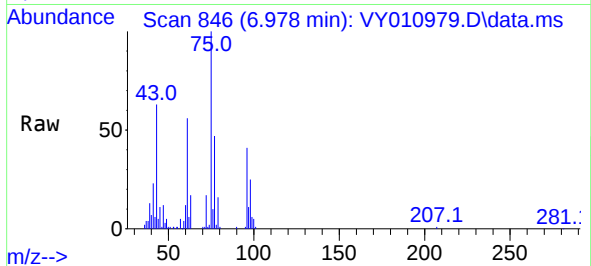




#25
2-Butanone
Concen: 21.470 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

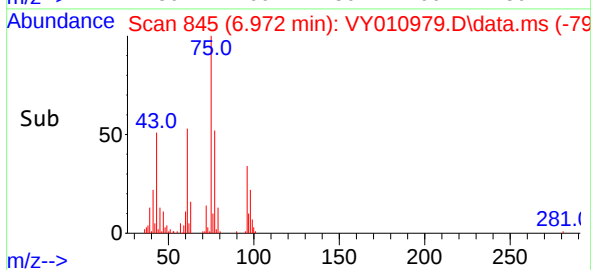
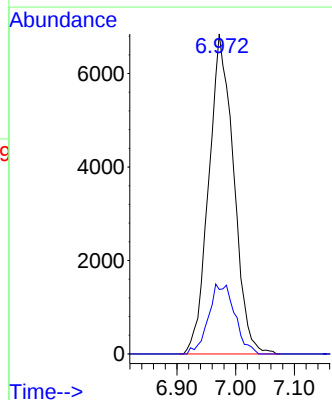
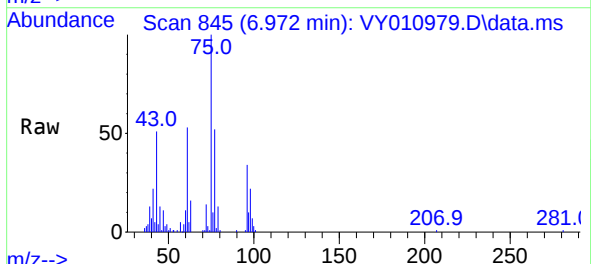
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

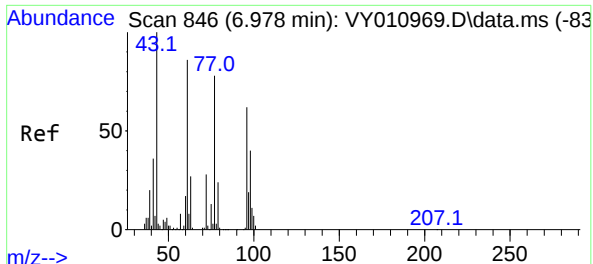
Tgt Ion: 43 Resp: 23371
Ion Ratio Lower Upper
43 100
72 26.4 17.7 26.5



#26
2,2-Dichloropropane
Concen: 4.352 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 77 Resp: 20171
Ion Ratio Lower Upper
77 100
97 23.0 10.4 31.4

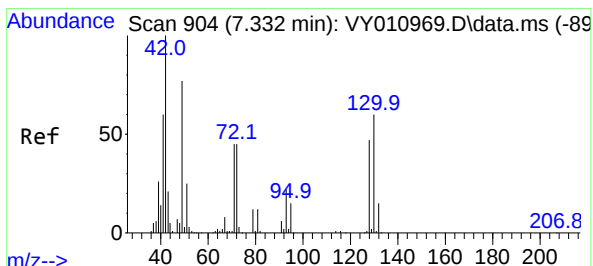
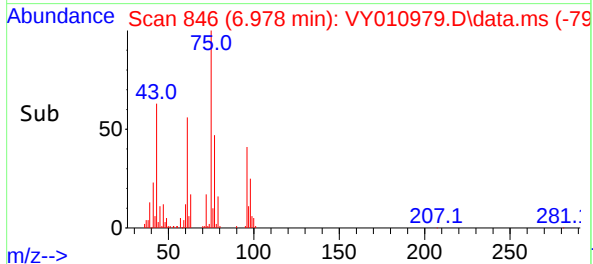
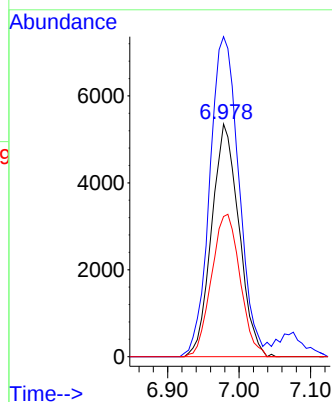
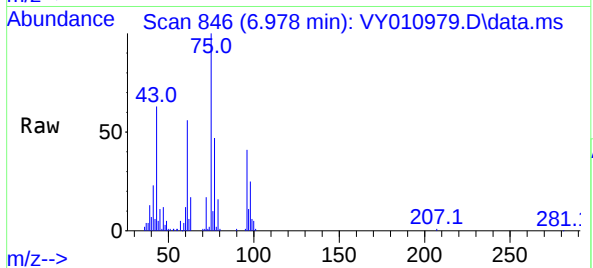




#27
cis-1,2-Dichloroethene
Concen: 4.286 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

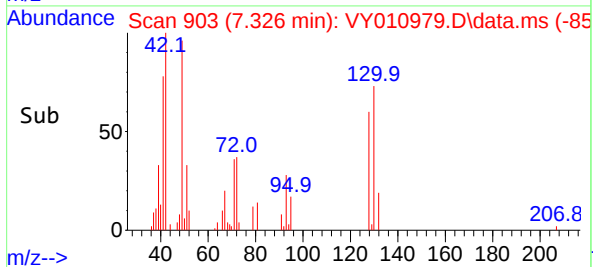
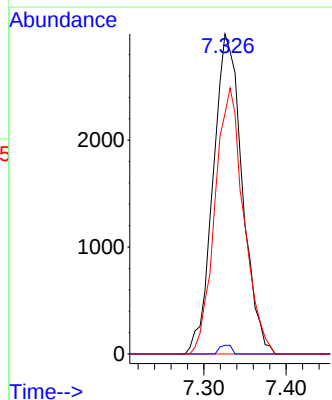
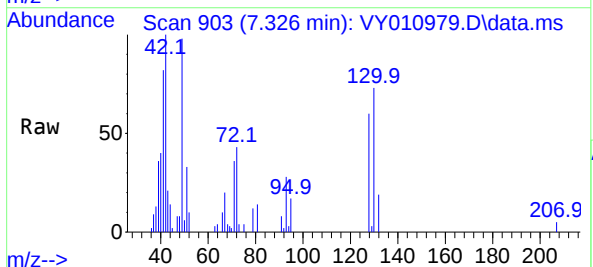
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

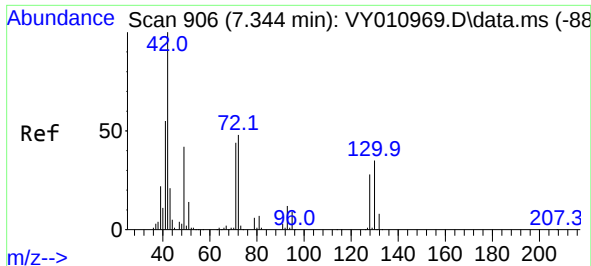
Tgt Ion:	96	Resp:	14196
Ion	Ratio	Lower	Upper
96	100		
61	147.8	0.0	319.8
98	64.2	0.0	127.0



#28
Bromochloromethane
Concen: 7.222 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:	49	Resp:	7365
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.2
130	82.2	55.4	83.0

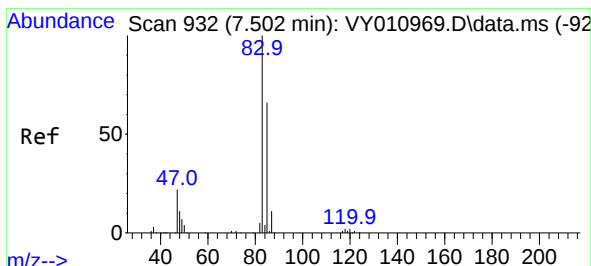
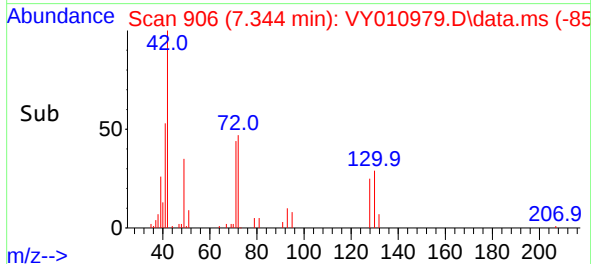
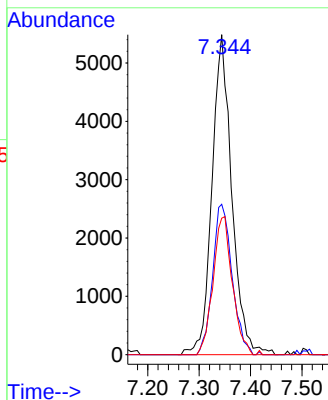
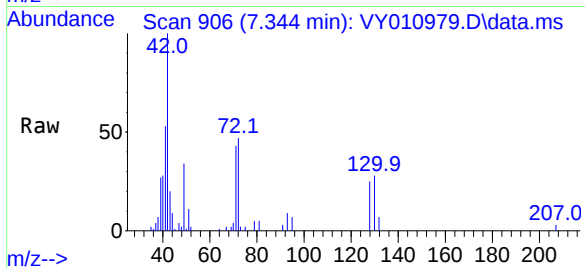




#29
Tetrahydrofuran
Concen: 21.961 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

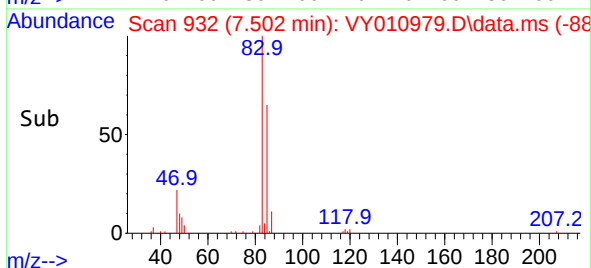
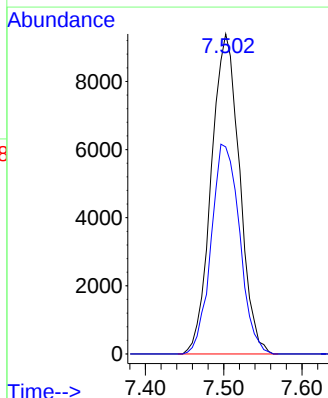
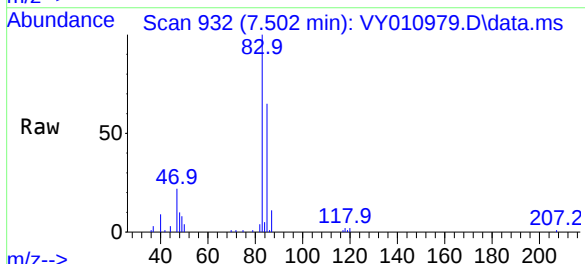
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

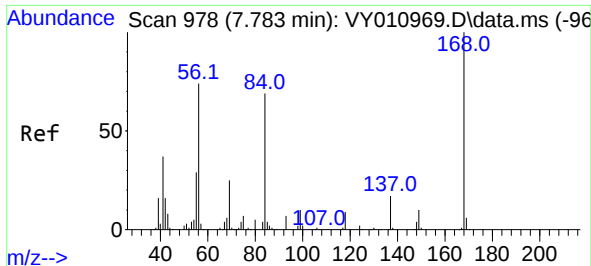
Tgt Ion: 42 Resp: 14708
Ion Ratio Lower Upper
42 100
72 46.0 30.3 45.5#
71 42.0 29.0 43.4



#30
Chloroform
Concen: 4.469 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 83 Resp: 23513
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6

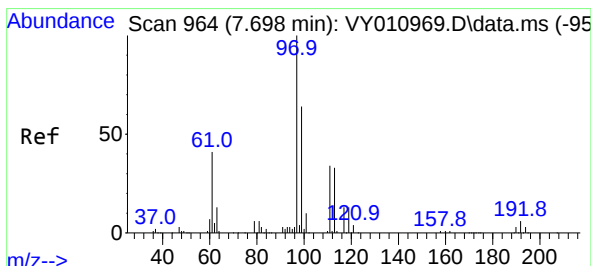
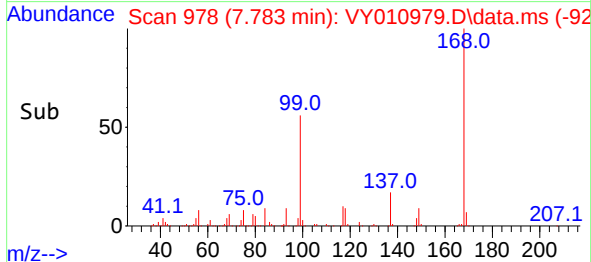
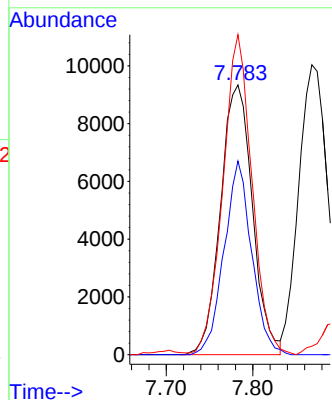
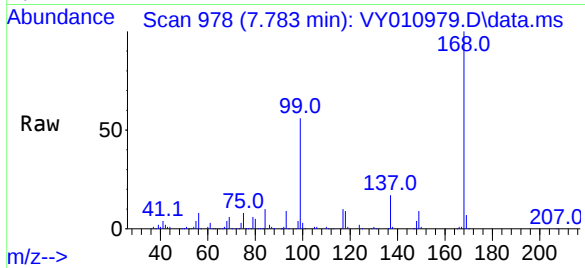




#31
Cyclohexane
Concen: 5.068 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

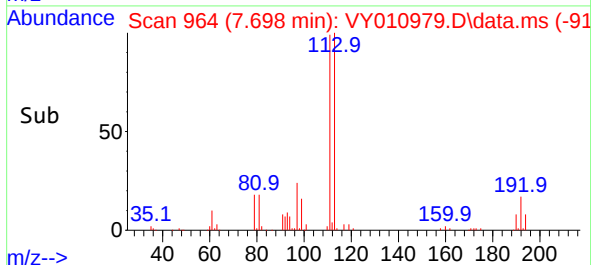
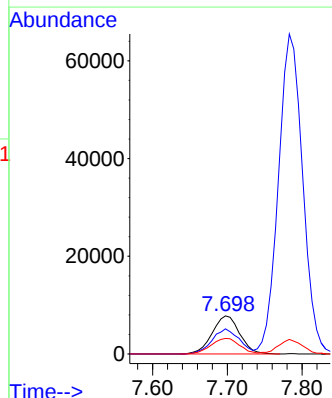
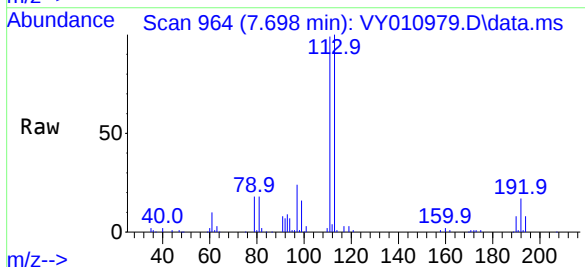
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

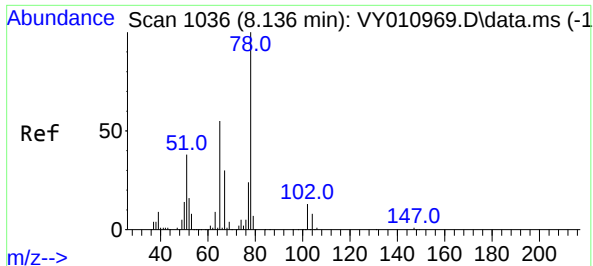
Tgt Ion: 56 Resp: 23969
Ion Ratio Lower Upper
56 100
69 71.8 26.7 40.1#
84 117.8 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 4.292 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 97 Resp: 19851
Ion Ratio Lower Upper
97 100
99 65.2 50.7 76.1
61 42.8 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 51.191 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

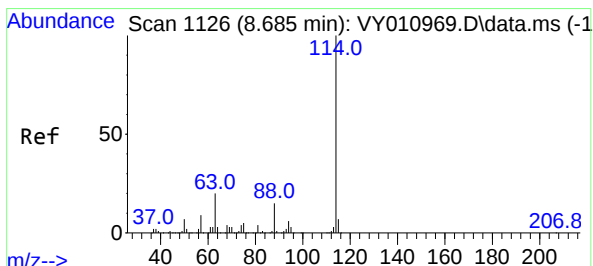
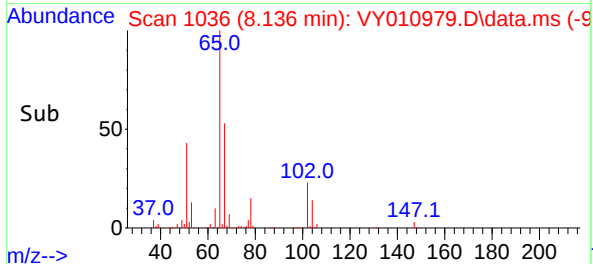
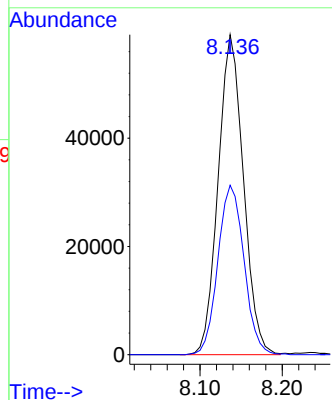
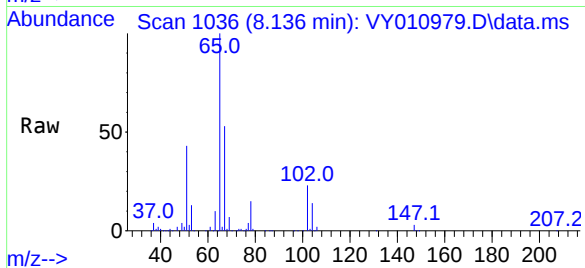
MDL-SOIL-03-QT4-2022

Tgt Ion: 65 Resp: 126532

Ion Ratio Lower Upper

65 100

67 54.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

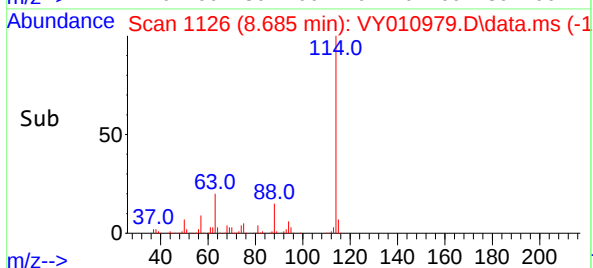
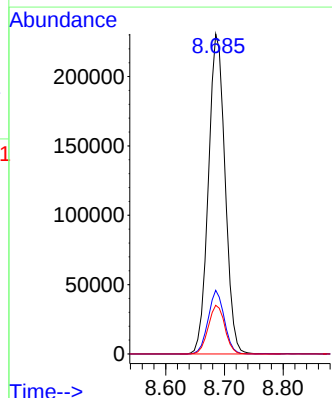
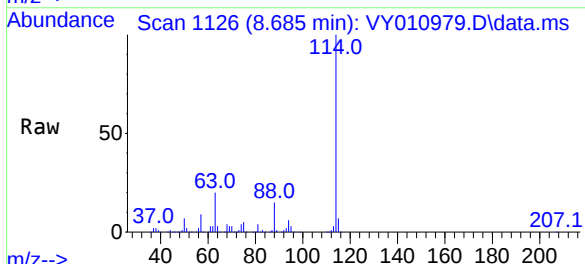
Tgt Ion: 114 Resp: 454201

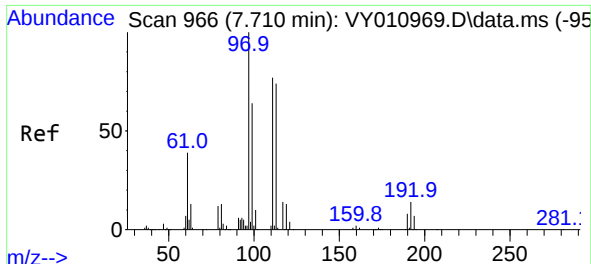
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.2 0.0 31.8

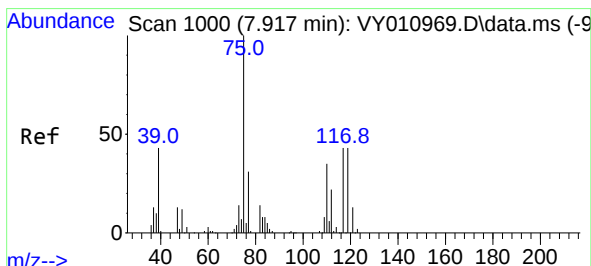
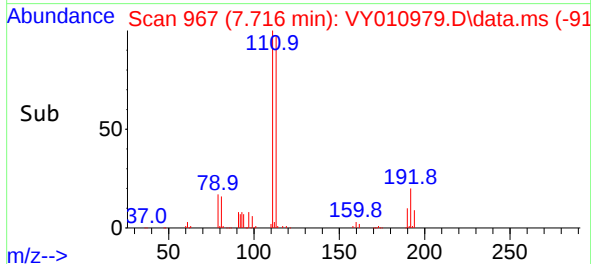
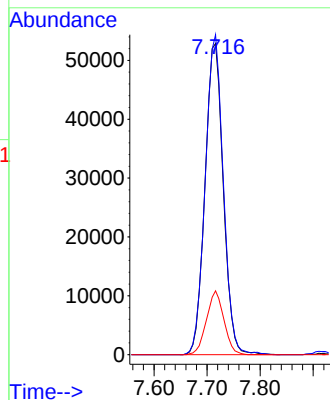
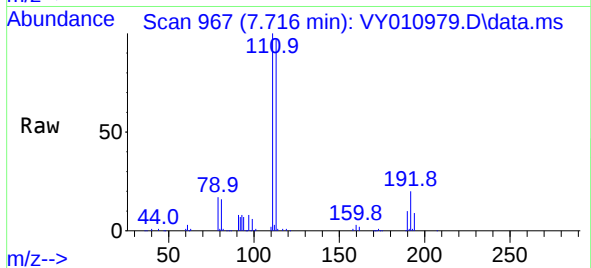




#35
Dibromofluoromethane
Concen: 49.922 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

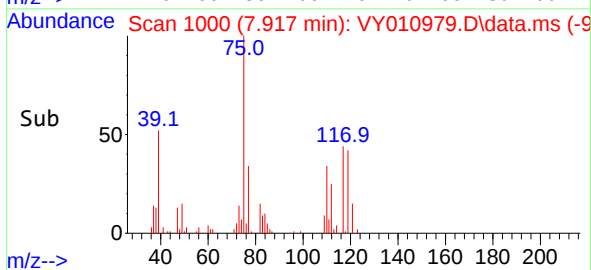
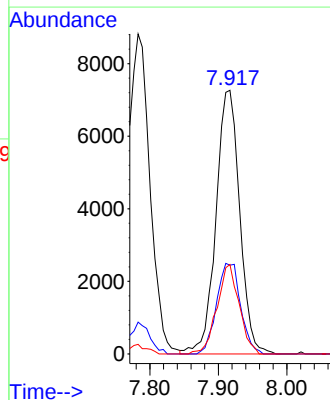
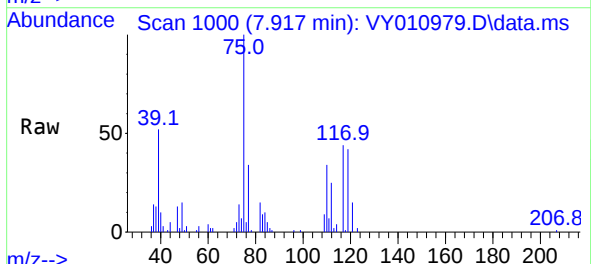
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

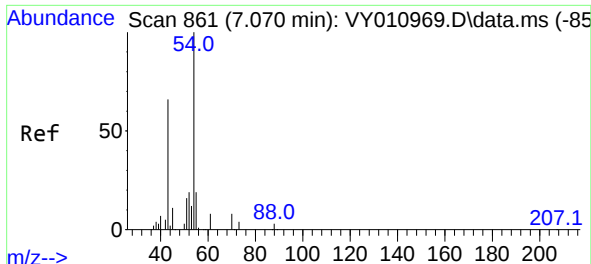
Tgt Ion:113 Resp: 126403
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.133 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 75 Resp: 17474
Ion Ratio Lower Upper
75 100
110 34.7 17.1 51.2
77 31.6 24.4 36.6

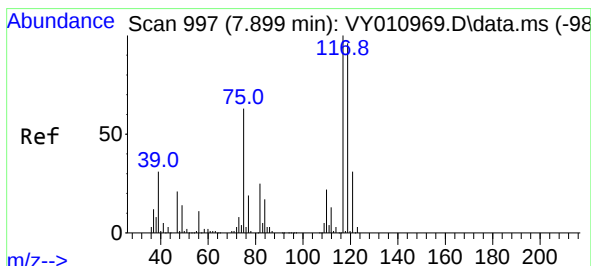
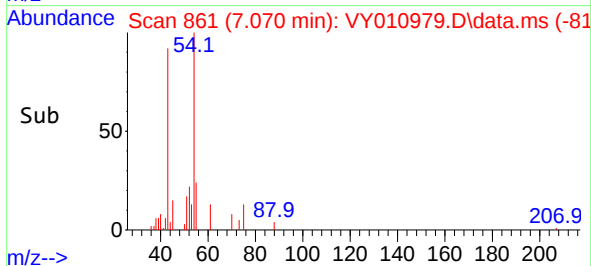
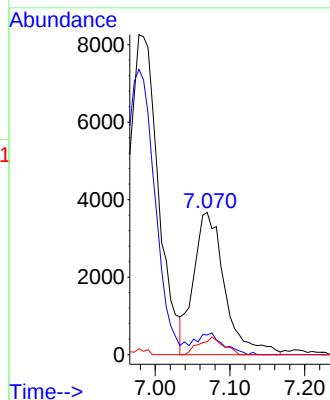
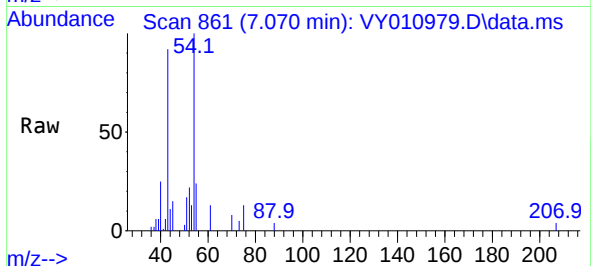




#37
Ethyl Acetate
Concen: 4.531 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

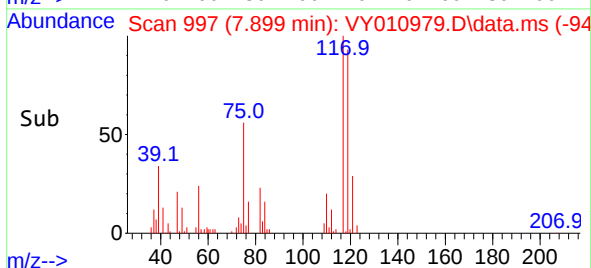
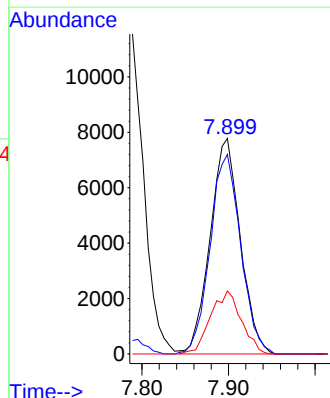
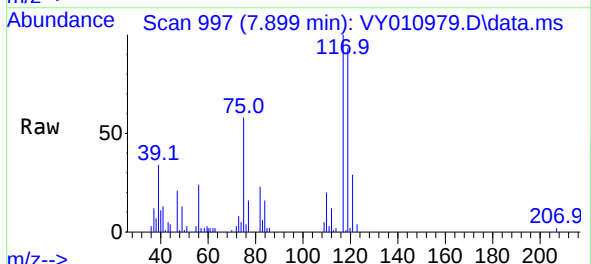
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

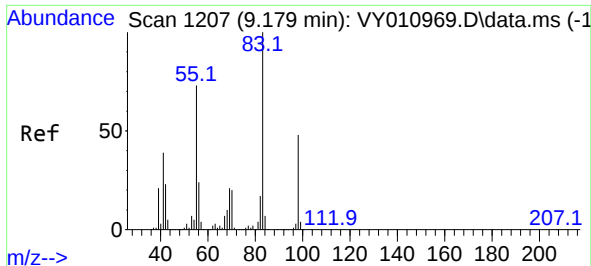
Tgt Ion: 43 Resp: 10607
Ion Ratio Lower Upper
43 100
61 12.8 9.7 14.5
70 9.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 4.311 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 117 Resp: 18814
Ion Ratio Lower Upper
117 100
119 92.6 77.9 116.9
121 29.2 24.8 37.2





#39

Methylcyclohexane

Concen: 4.030 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

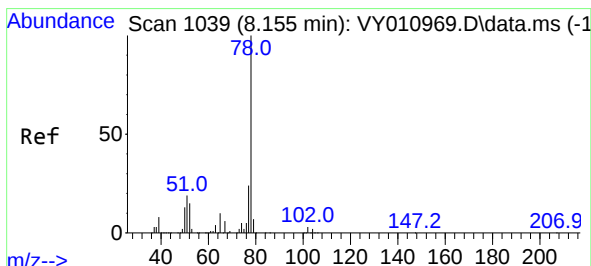
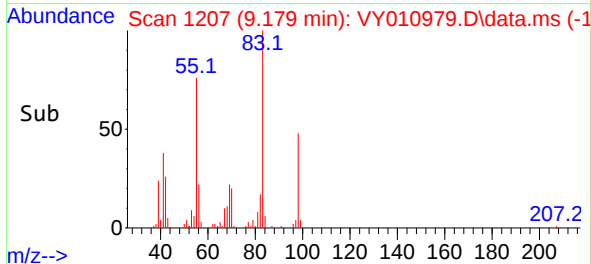
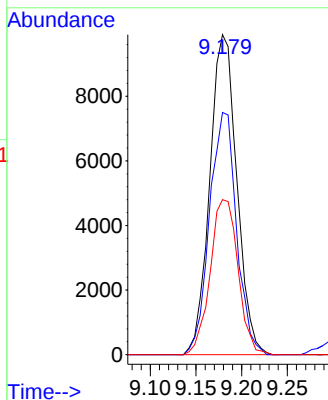
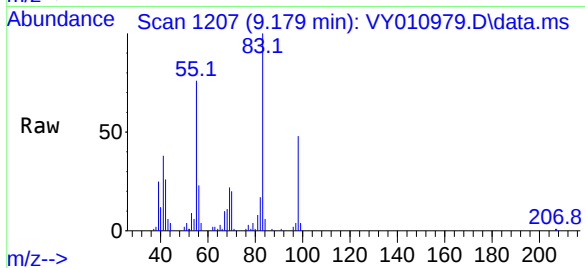
Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion:	83	Resp:	20410
Ion	Ratio	Lower	Upper
83	100		
55	75.7	66.5	99.7
98	48.5	37.9	56.9



#40

Benzene

Concen: 4.307 ug/l

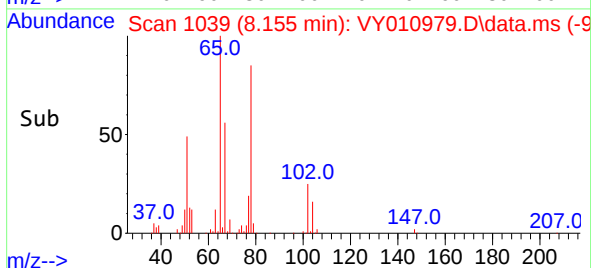
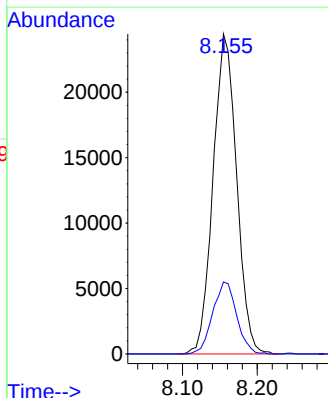
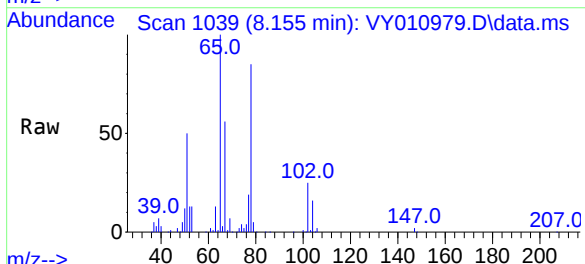
RT: 8.155 min Scan# 1039

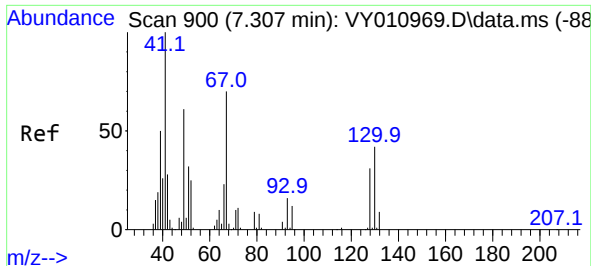
Delta R.T. -0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Tgt Ion:	78	Resp:	53433
Ion	Ratio	Lower	Upper
78	100		
77	22.5	20.4	30.6

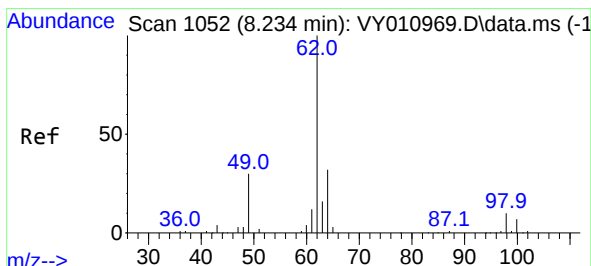
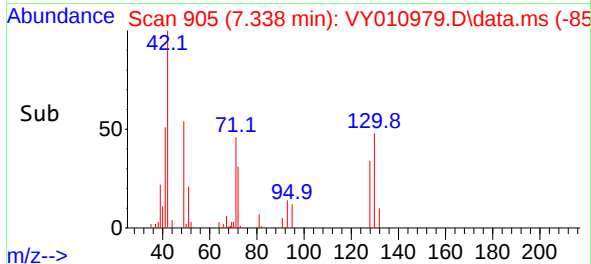
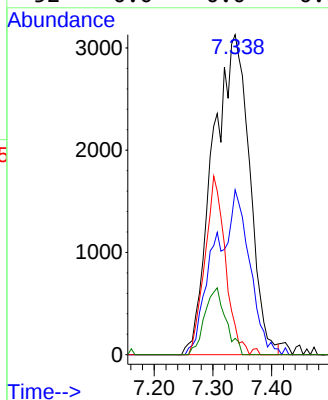
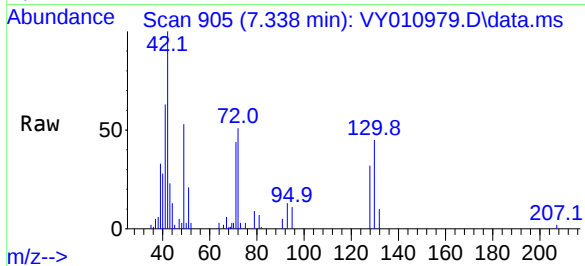




#41
Methacrylonitrile
Concen: 10.708 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

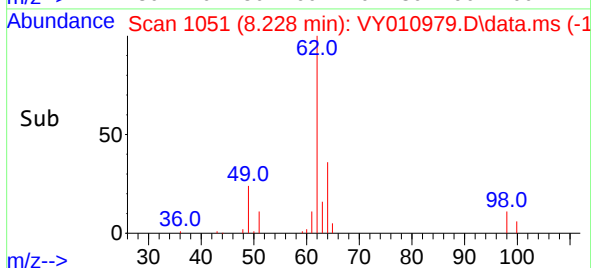
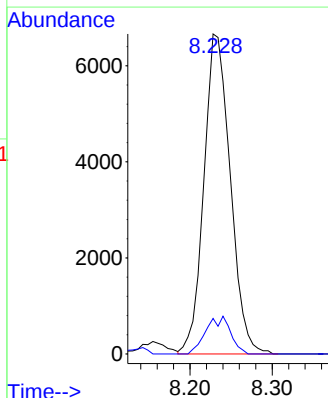
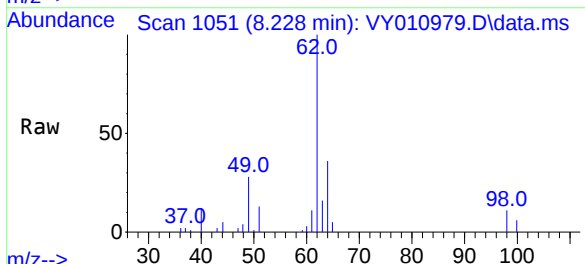
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

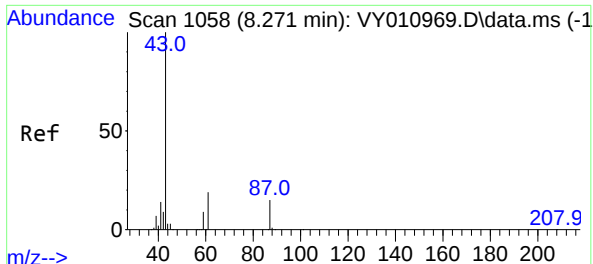
Tgt Ion: 41 Resp: 13584
Ion Ratio Lower Upper
41 100
39 29.4 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 4.329 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 62 Resp: 14880
Ion Ratio Lower Upper
62 100
98 11.0 0.0 14.8





#43

Isopropyl Acetate

Concen: 4.055 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

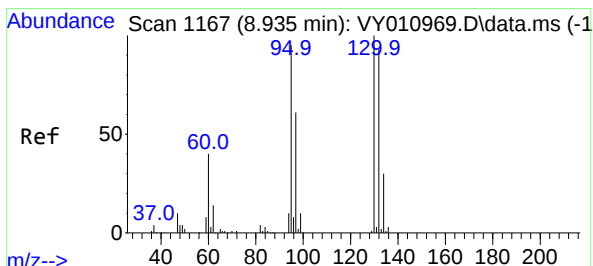
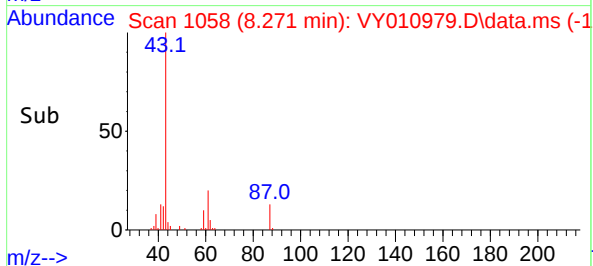
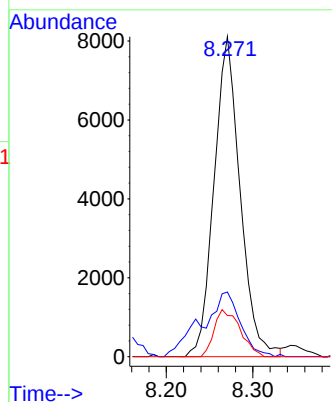
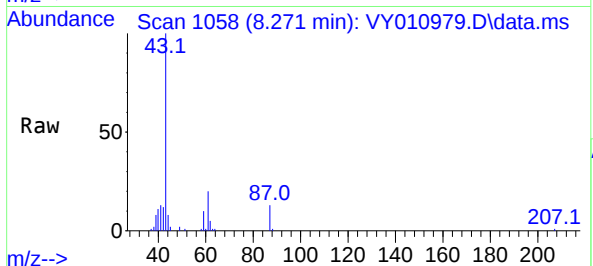
Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion:	43	Resp:	16958
Ion	Ratio	Lower	Upper
43	100		
61	20.5	20.2	30.2
87	14.6	8.9	13.3



#44

Trichloroethene

Concen: 4.203 ug/l

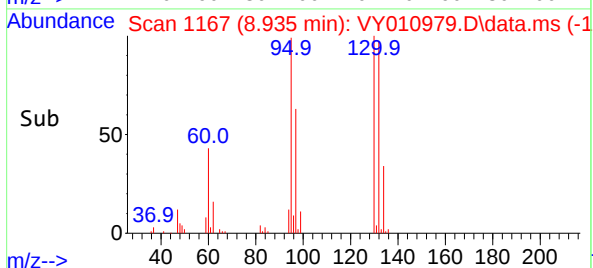
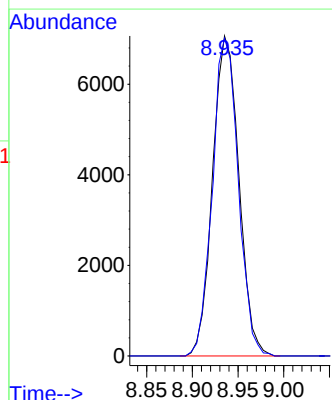
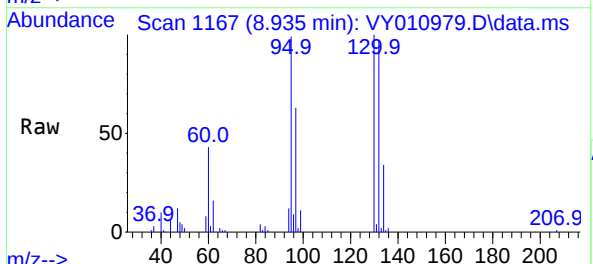
RT: 8.935 min Scan# 1167

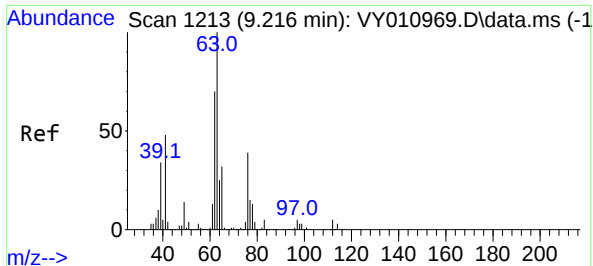
Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Tgt Ion:	130	Resp:	14131
Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	188.2





#45

1,2-Dichloropropane

Concen: 4.064 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.007 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

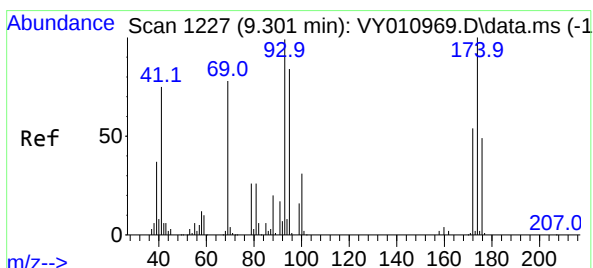
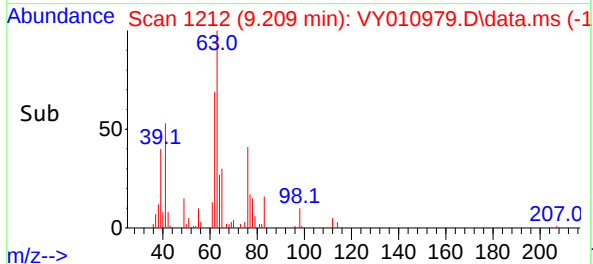
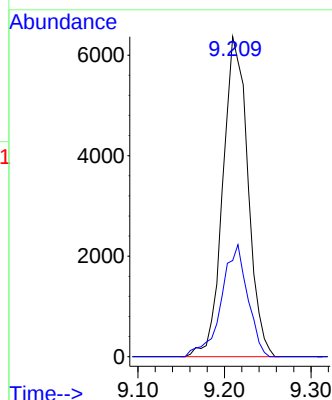
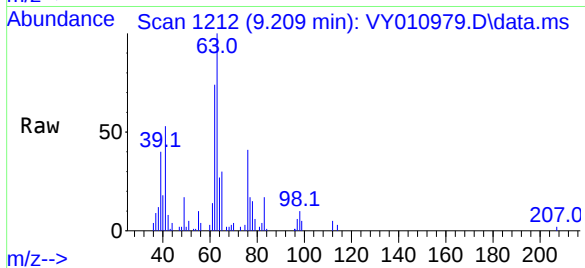
MDL-SOIL-03-QT4-2022

Tgt Ion: 63 Resp: 12793

Ion Ratio Lower Upper

63 100

65 30.1 23.0 34.6



#46

Dibromomethane

Concen: 4.345 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

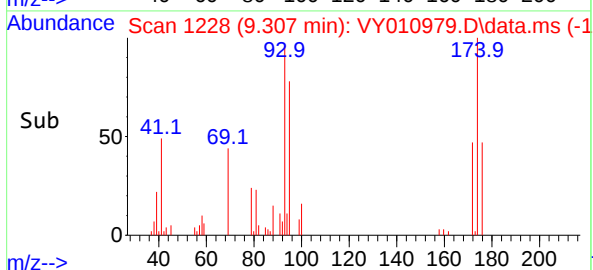
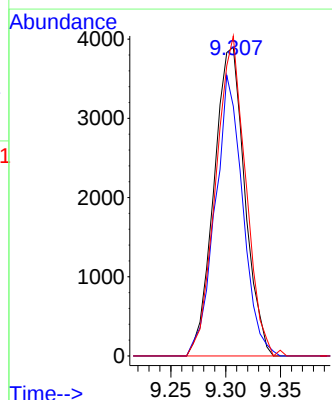
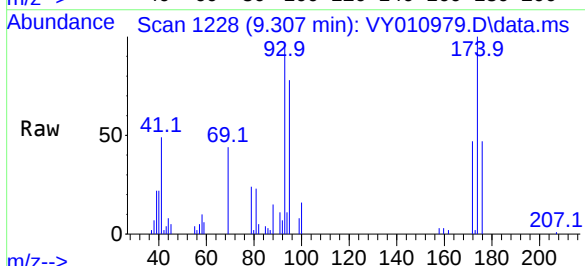
Tgt Ion: 93 Resp: 7628

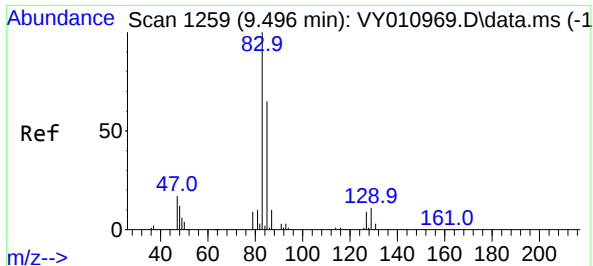
Ion Ratio Lower Upper

93 100

95 81.5 64.3 96.5

174 100.0 83.4 125.0

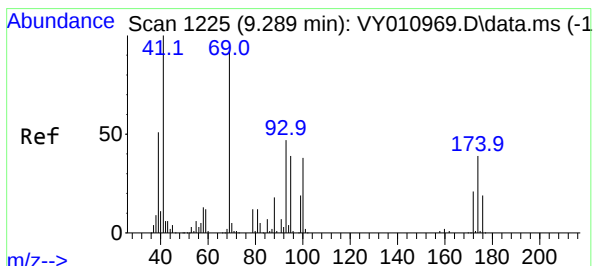
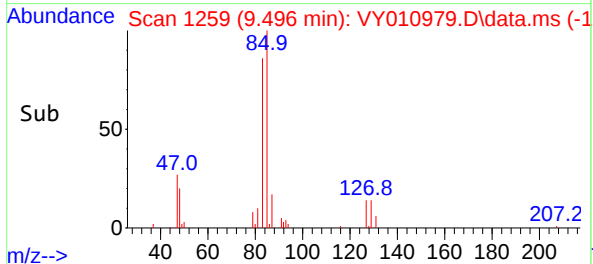
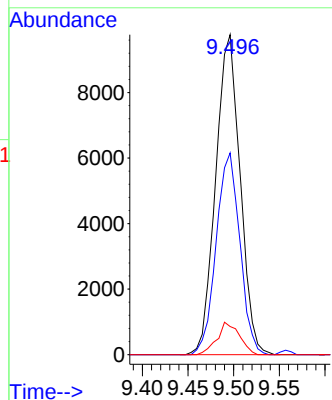
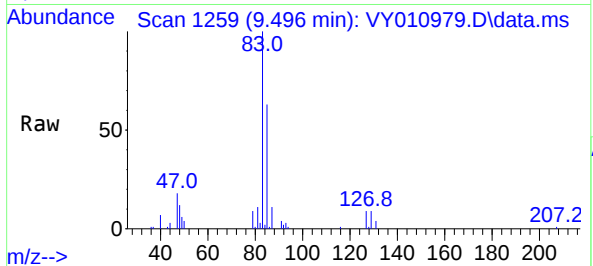




#47
Bromodichloromethane
Concen: 4.302 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

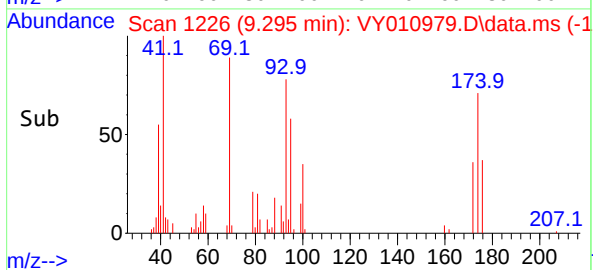
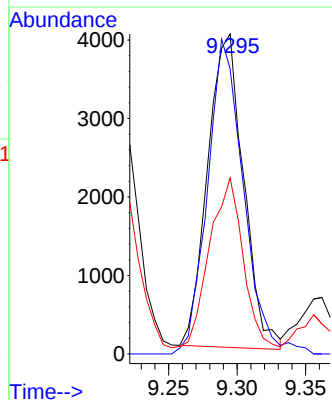
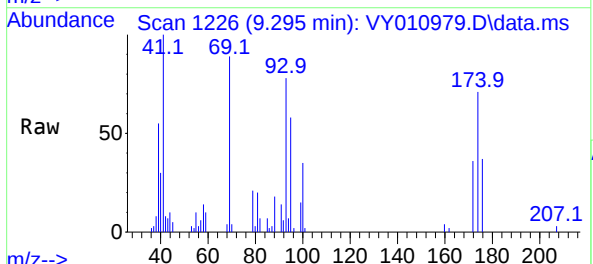
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022

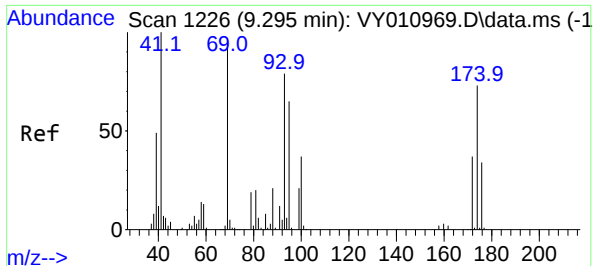
Tgt Ion:	83	Resp:	18200
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.9	77.9
127	8.8	6.6	10.0



#48
Methyl methacrylate
Concen: 3.882 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:	41	Resp:	7266
Ion	Ratio	Lower	Upper
41	100		
69	100.9	58.2	87.2#
39	51.7	47.4	71.0

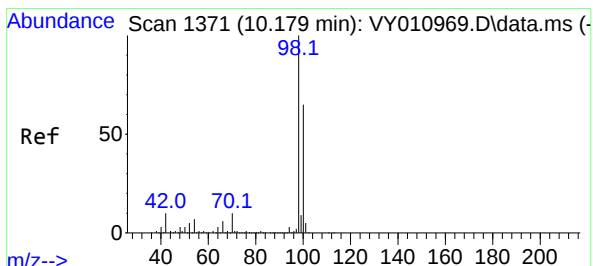
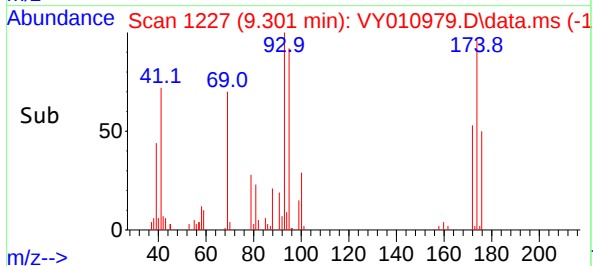
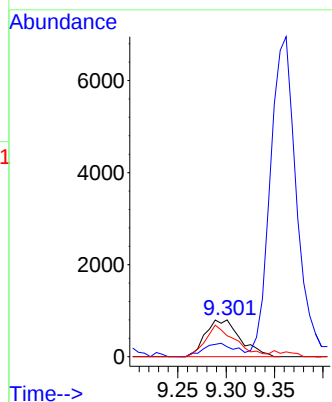
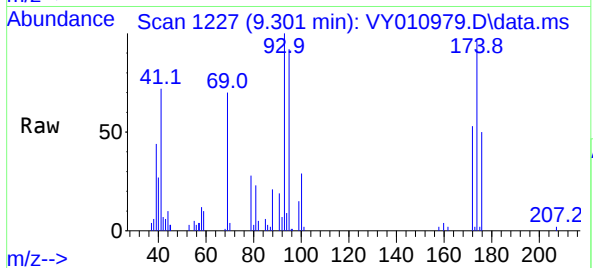




#49
1,4-Dioxane
Concen: 79.566 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

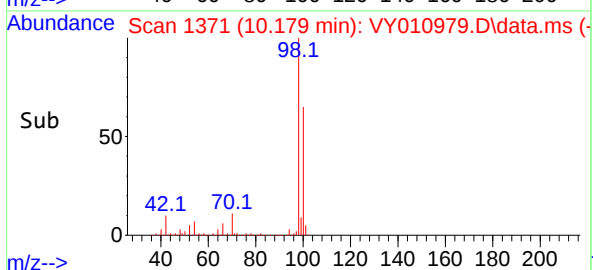
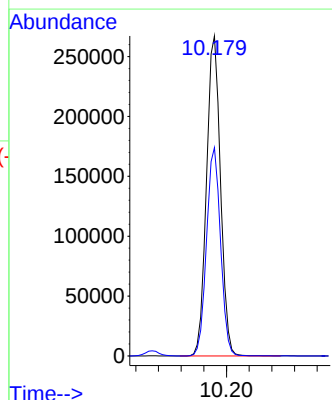
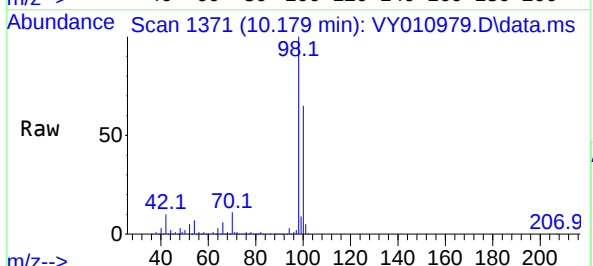
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

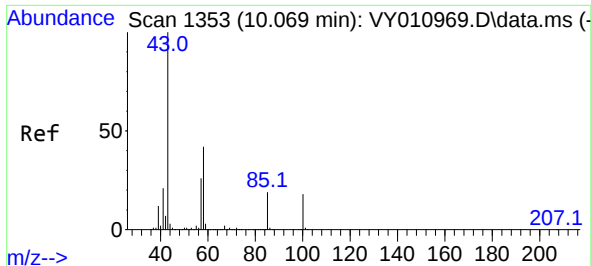
Tgt Ion: 88 Resp: 2007
Ion Ratio Lower Upper
88 100
43 32.4 32.8 49.2#
58 72.9 59.8 89.6



#50
Toluene-d8
Concen: 48.260 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 98 Resp: 457686
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

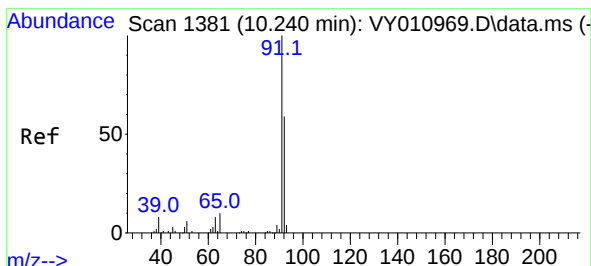
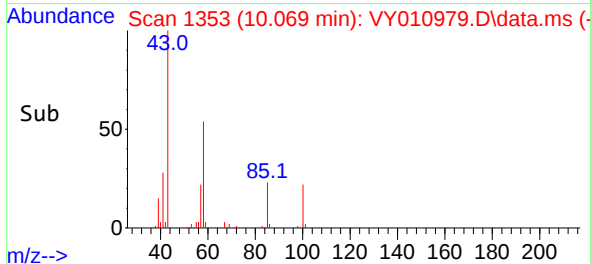
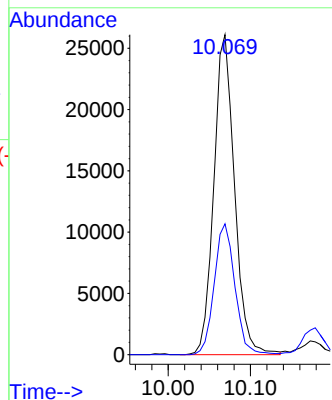
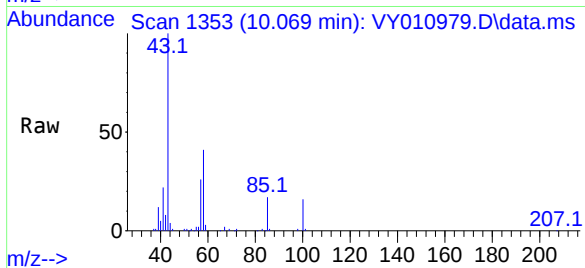




#51
4-Methyl-2-Pentanone
Concen: 19.574 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

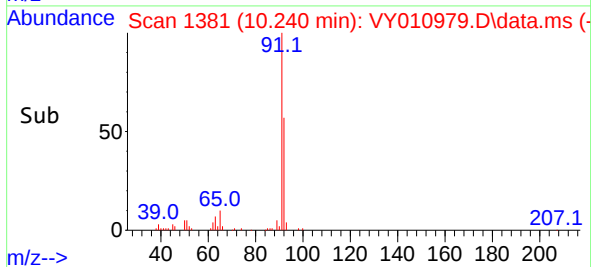
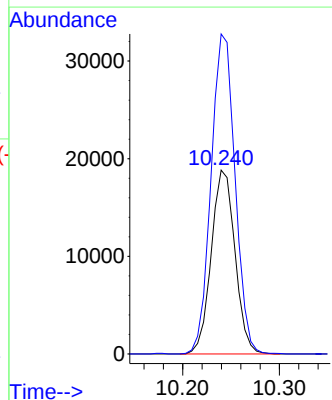
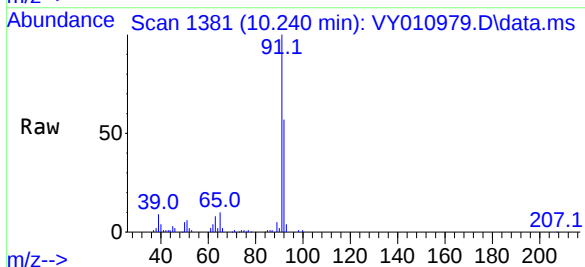
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

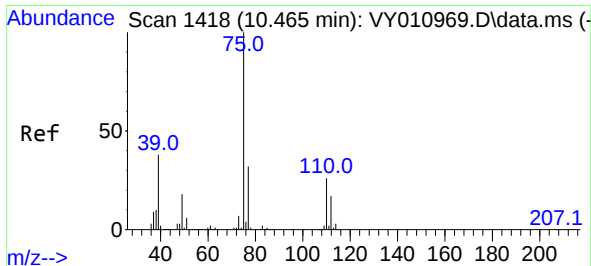
Tgt Ion: 43 Resp: 45657
Ion Ratio Lower Upper
43 100
58 41.0 28.1 42.1



#52
Toluene
Concen: 4.169 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 92 Resp: 32130
Ion Ratio Lower Upper
92 100
91 175.9 142.6 213.8

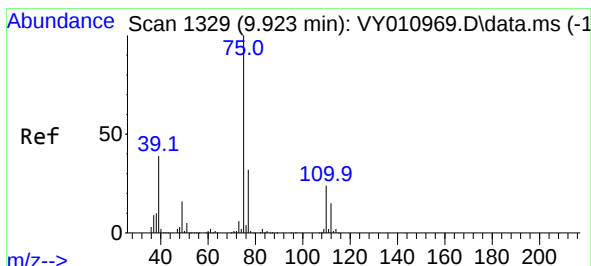
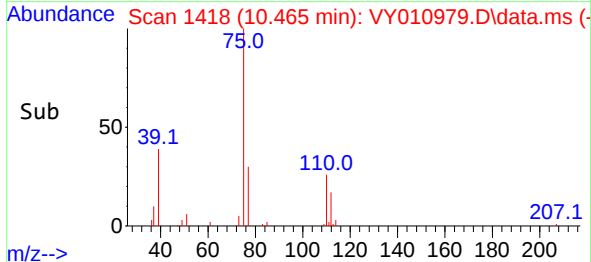
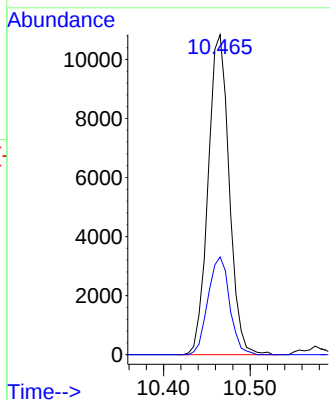
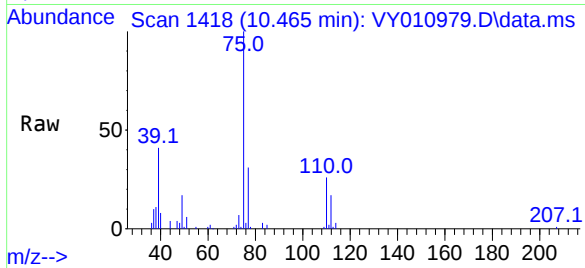




#53
t-1,3-Dichloropropene
Concen: 4.164 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

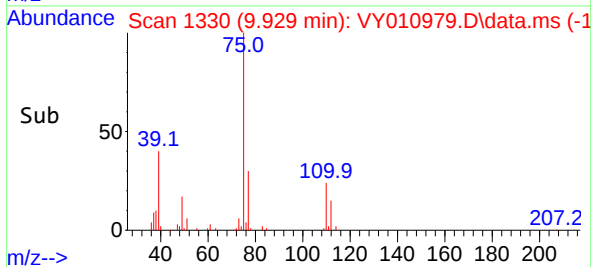
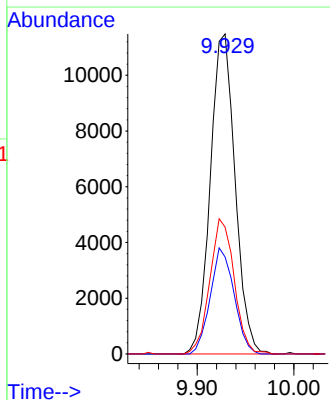
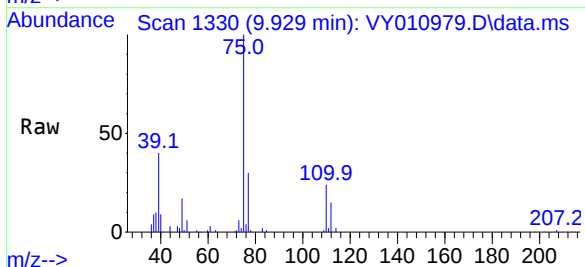
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

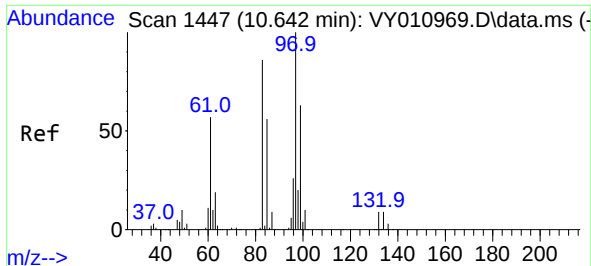
Tgt Ion: 75 Resp: 18303
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 4.062 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 75 Resp: 20430
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4
39 39.7 47.6 71.4#

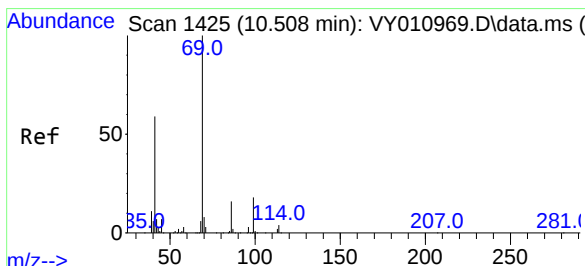
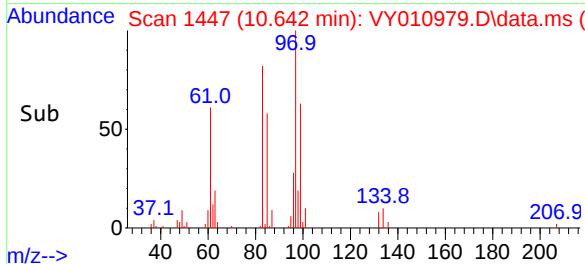
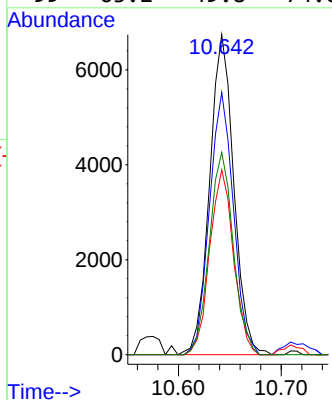
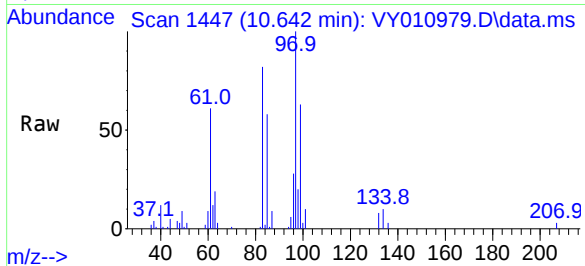




#55
1,1,2-Trichloroethane
Concen: 4.349 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

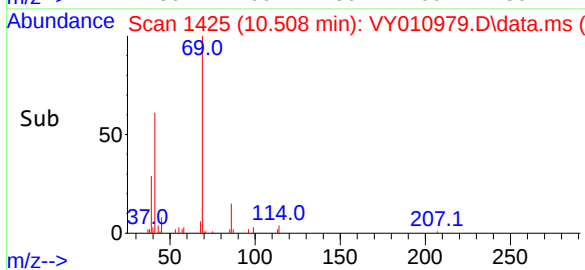
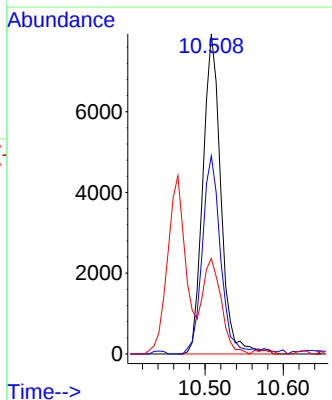
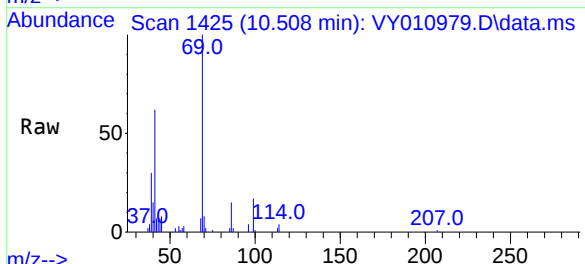
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

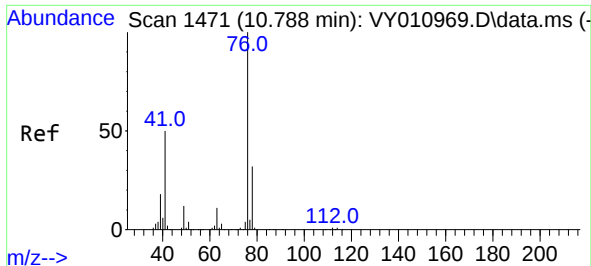
Tgt Ion:	97	Resp:	11016
Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.8	104.8
85	57.8	44.3	66.5
99	63.2	49.8	74.6



#56
Ethyl methacrylate
Concen: 3.746 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:	69	Resp:	12601
Ion	Ratio	Lower	Upper
69	100		
41	63.4	63.4	95.0
39	30.2	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 4.229 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

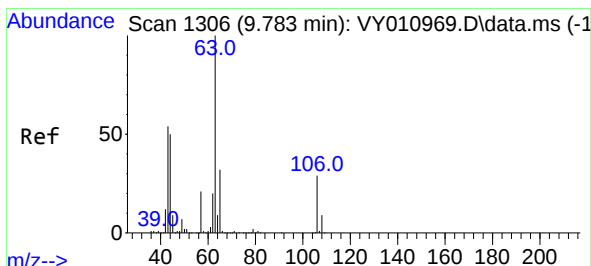
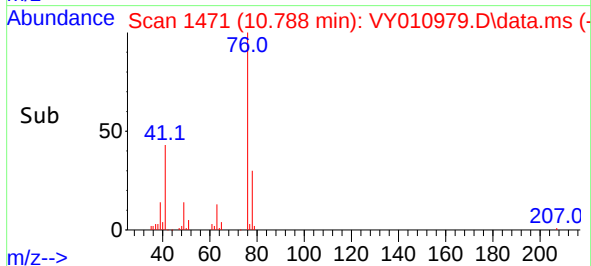
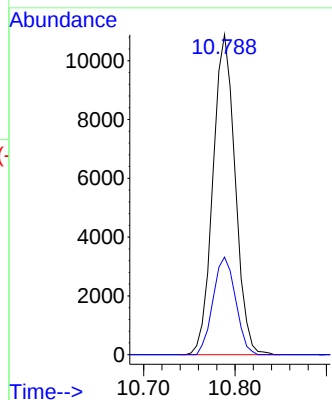
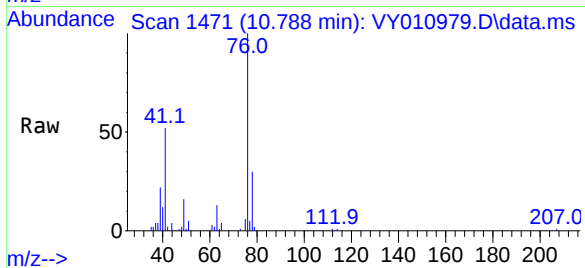
MDL-SOIL-03-QT4-2022

Tgt Ion: 76 Resp: 18415

Ion Ratio Lower Upper

76 100

78 30.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 33.397 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY010979.D

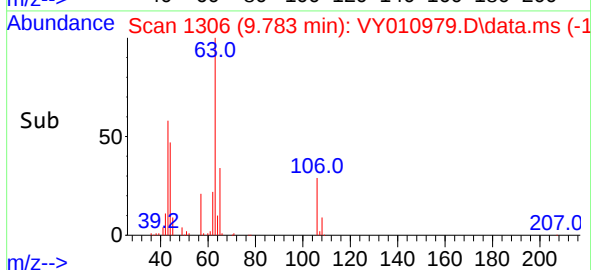
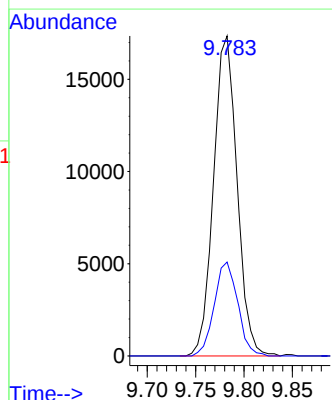
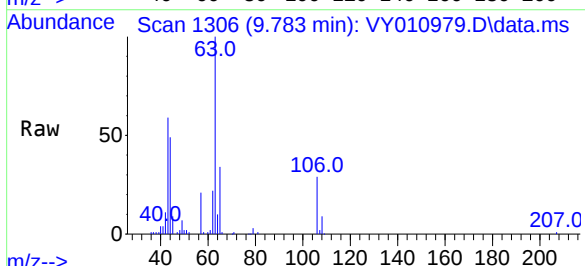
Acq: 17 Oct 2022 18:52

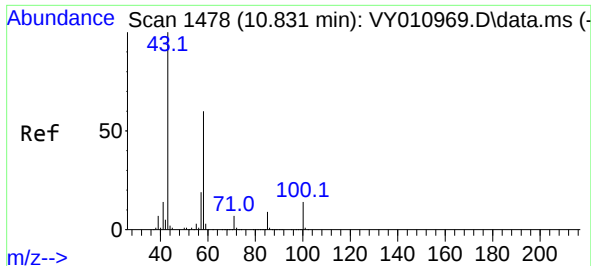
Tgt Ion: 63 Resp: 29347

Ion Ratio Lower Upper

63 100

106 29.3 21.5 32.3

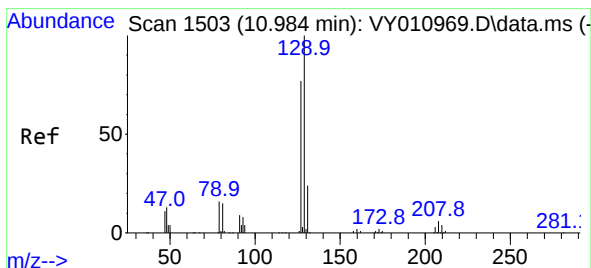
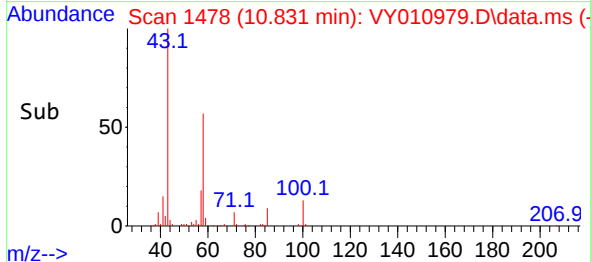
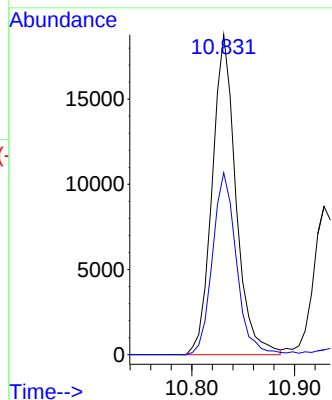
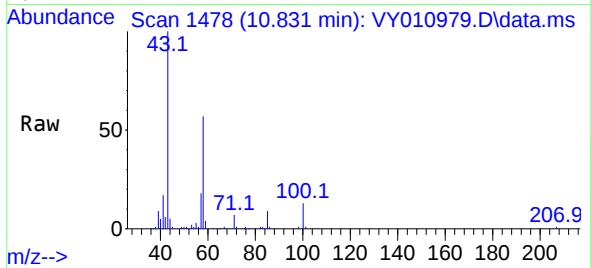




#59
2-Hexanone
Concen: 18.785 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

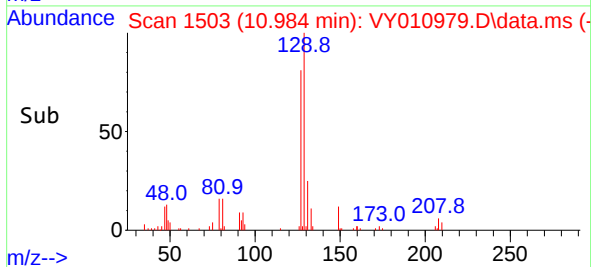
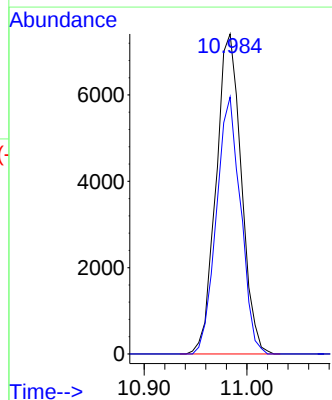
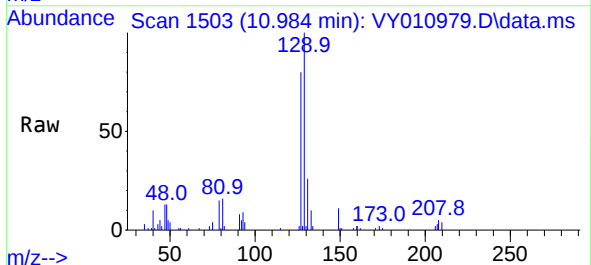
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

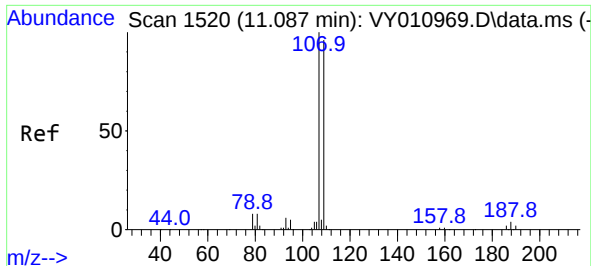
Tgt Ion: 43 Resp: 30098
Ion Ratio Lower Upper
43 100
58 57.2 24.4 73.4



#60
Dibromochloromethane
Concen: 4.197 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 129 Resp: 12640
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1

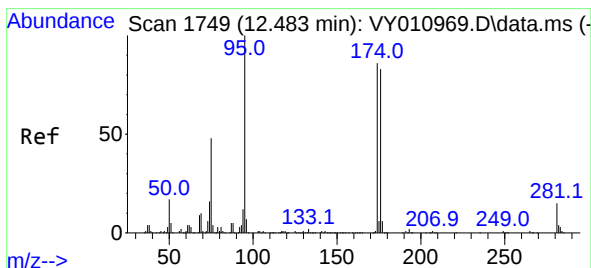
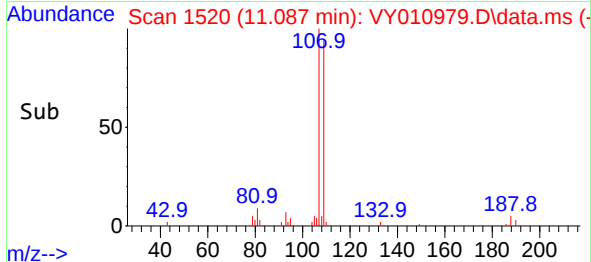
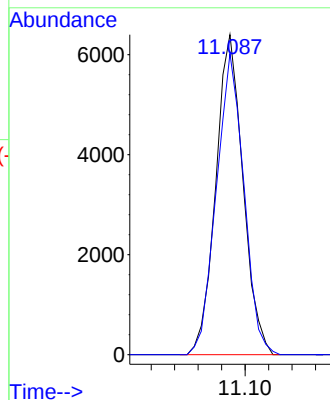
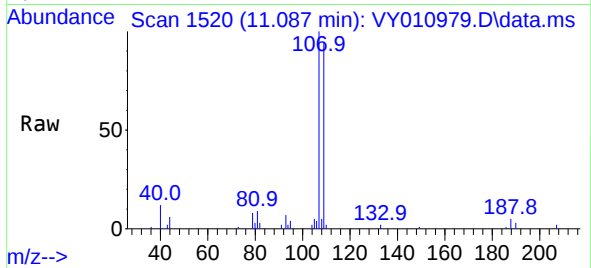




#61
1,2-Dibromoethane
Concen: 4.248 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

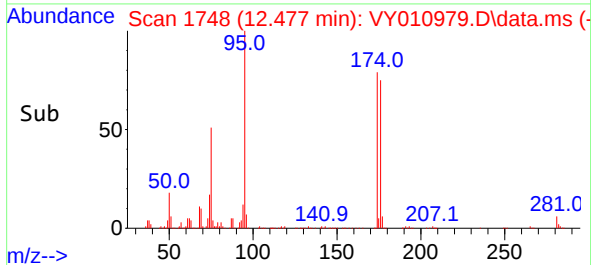
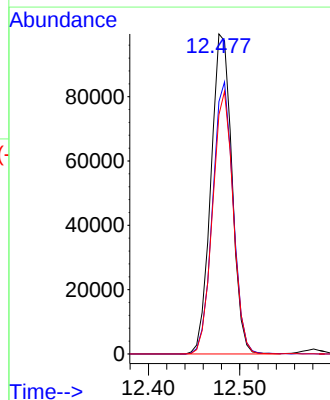
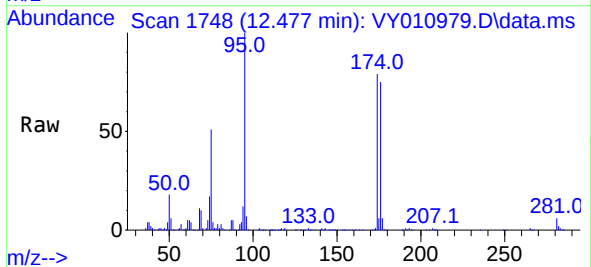
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

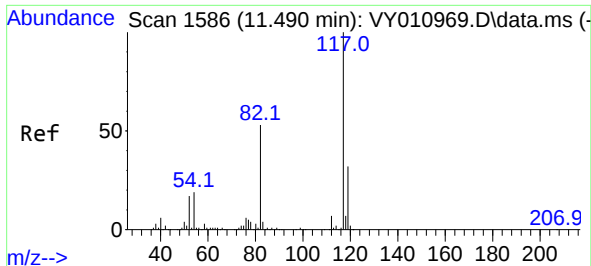
Tgt Ion:107 Resp: 10302
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.066 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 95 Resp: 158719
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.3 0.0 175.8

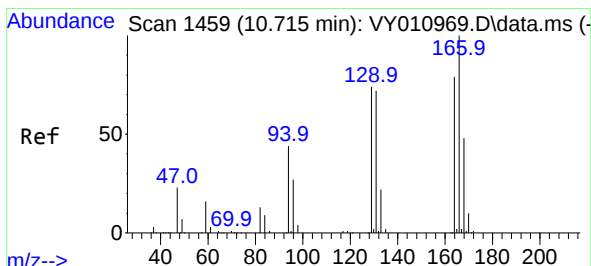
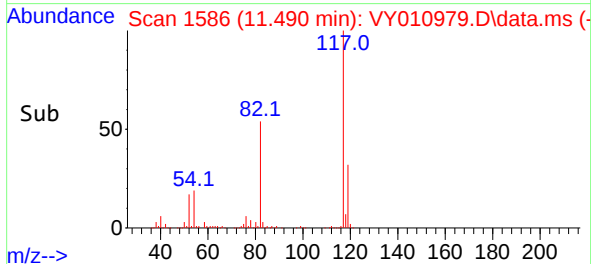
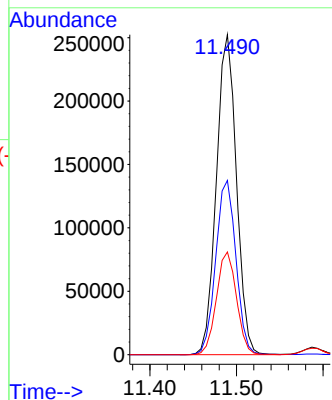
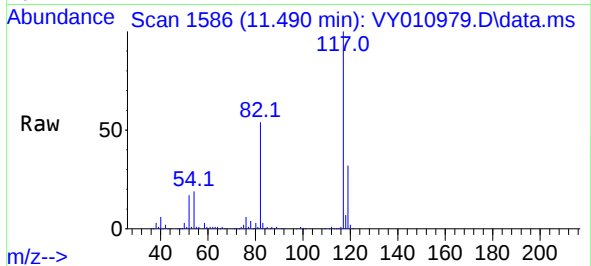




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

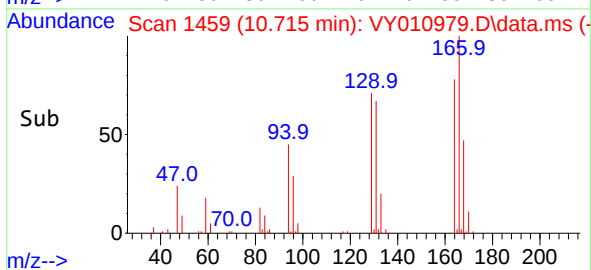
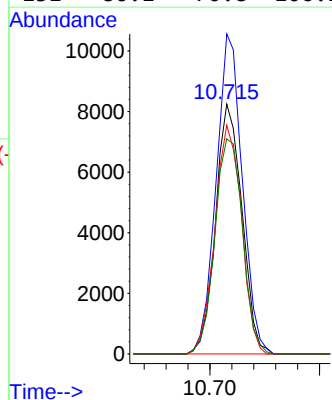
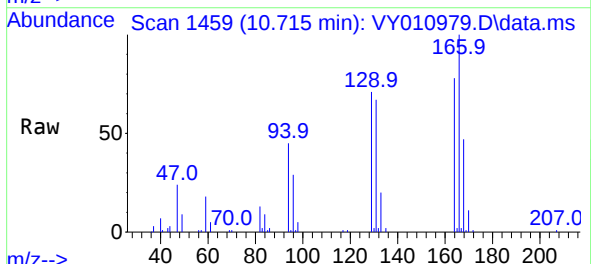
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

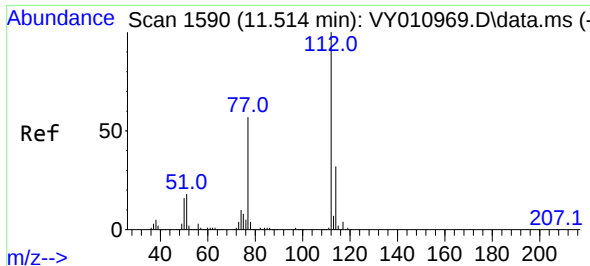
Tgt Ion:117	Resp:	406117
Ion	Ratio	Lower Upper
117	100	
82	54.5	43.0 64.4
119	32.1	25.4 38.0



#64
Tetrachloroethene
Concen: 4.359 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:164	Resp:	13781
Ion	Ratio	Lower Upper
164	100	
166	128.0	100.4 150.6
129	91.5	71.4 107.0
131	86.1	70.8 106.2

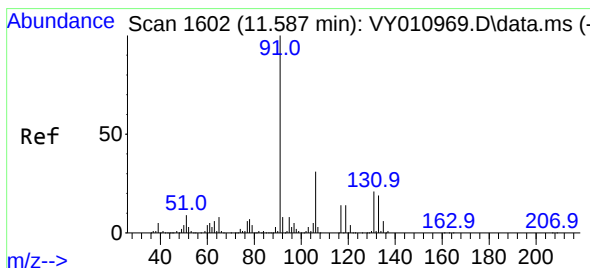
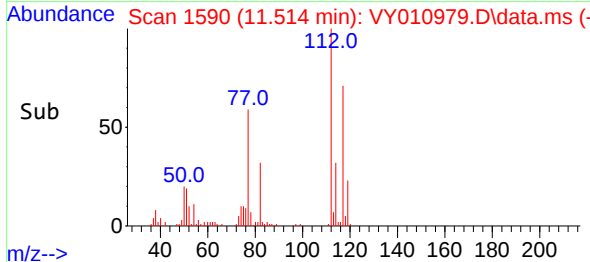
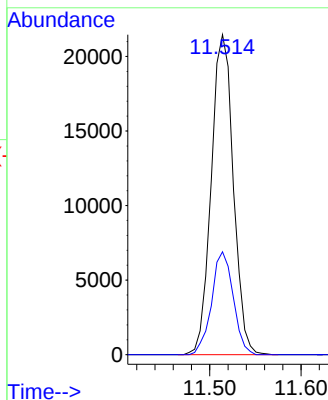
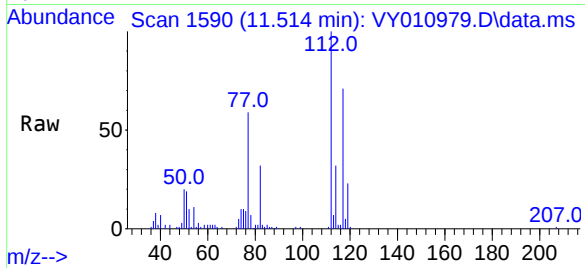




#65
Chlorobenzene
Concen: 4.322 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

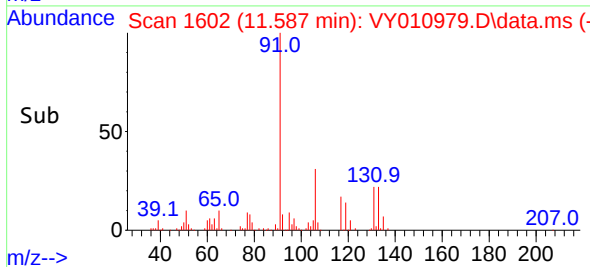
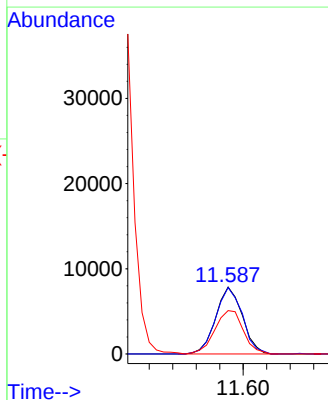
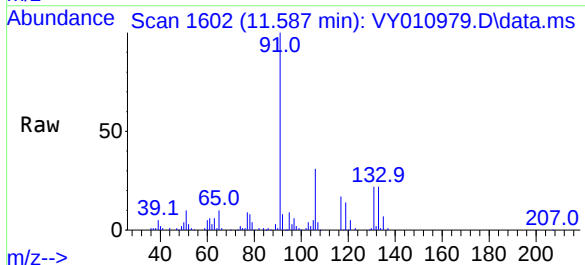
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

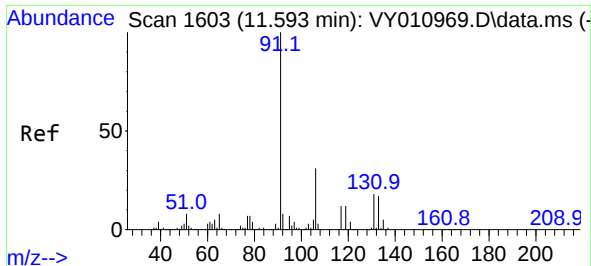
Tgt Ion:112 Resp: 36035
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.015 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:131 Resp: 12392
Ion Ratio Lower Upper
131 100
133 99.1 47.9 143.6
119 69.4 30.8 92.3





#67

Ethyl Benzene

Concen: 3.954 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Instrument :

MSVOA_Y

ClientSampleId :

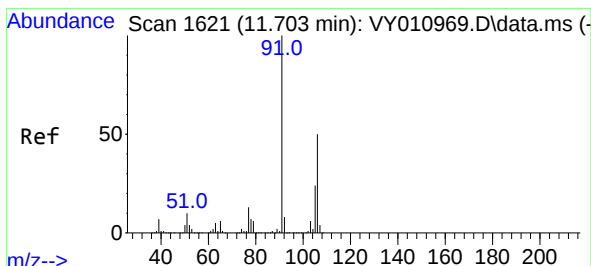
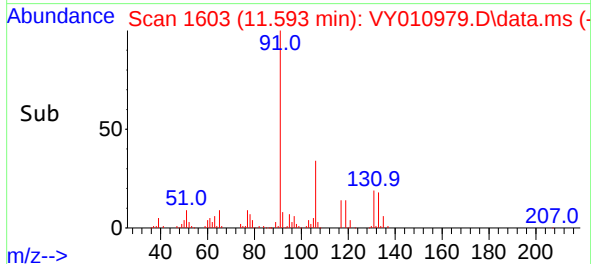
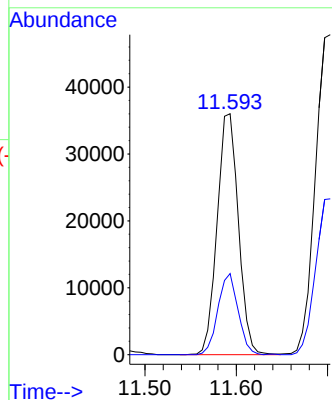
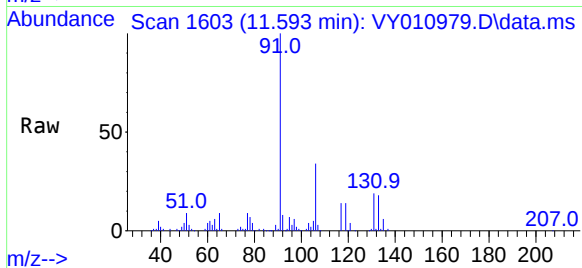
MDL-SOIL-03-QT4-2022

Tgt Ion: 91 Resp: 58327

Ion Ratio Lower Upper

91 100

106 33.7 24.5 36.7



#68

m/p-Xylenes

Concen: 7.890 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY010979.D

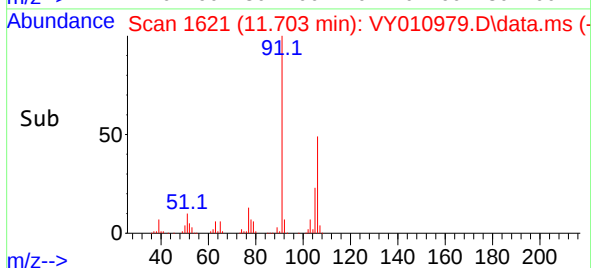
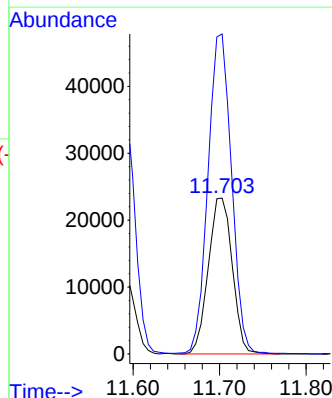
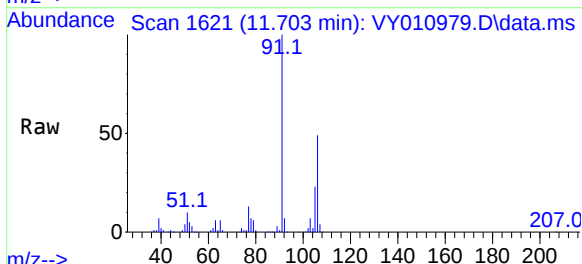
Acq: 17 Oct 2022 18:52

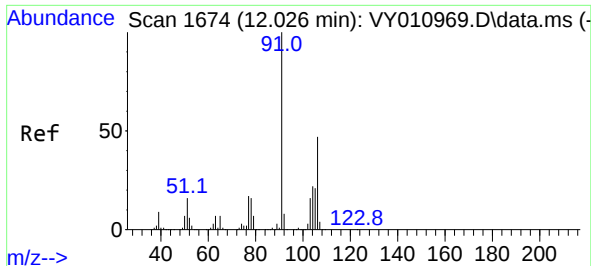
Tgt Ion: 106 Resp: 44772

Ion Ratio Lower Upper

106 100

91 202.4 166.6 249.8

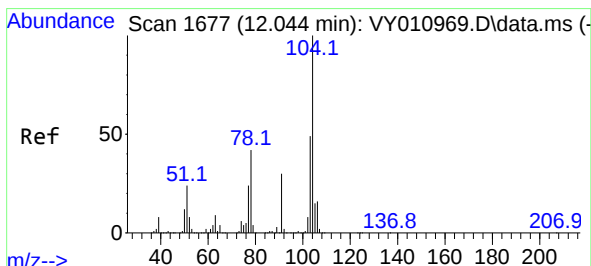
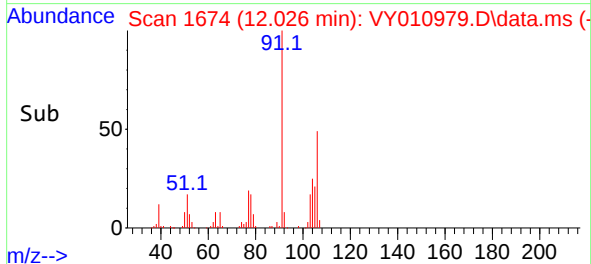
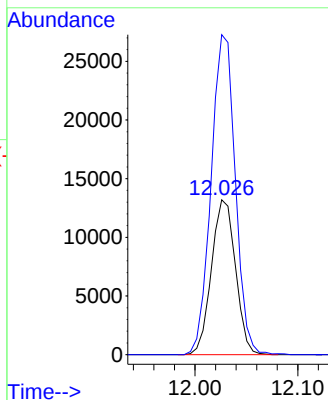
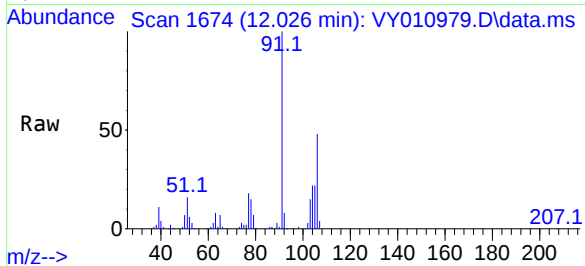




#69
o-Xylene
Concen: 3.978 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

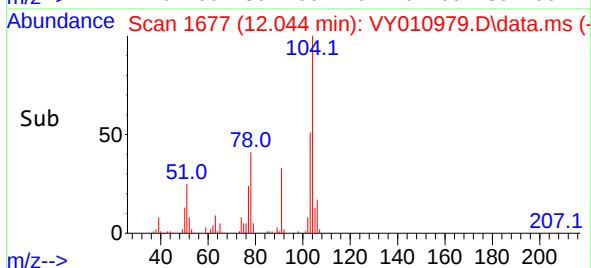
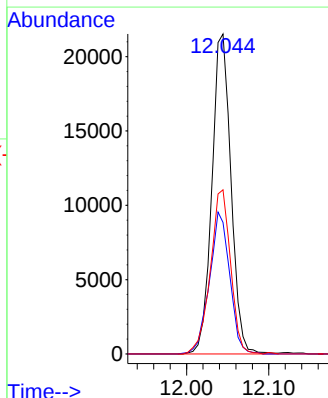
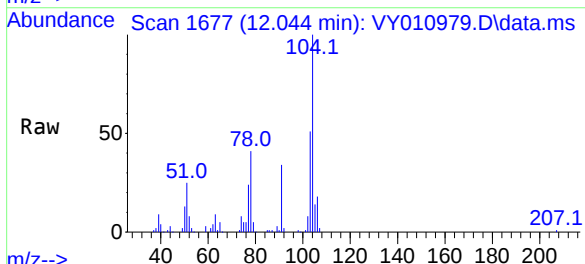
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022

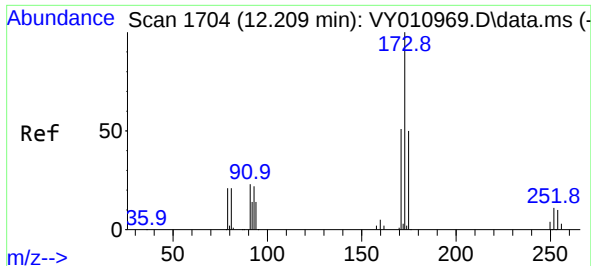
Tgt Ion:106 Resp: 21431
Ion Ratio Lower Upper
106 100
91 208.2 110.3 331.0



#70
Styrene
Concen: 3.806 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:104 Resp: 34746
Ion Ratio Lower Upper
104 100
78 47.1 42.4 63.6
103 54.3 44.4 66.6

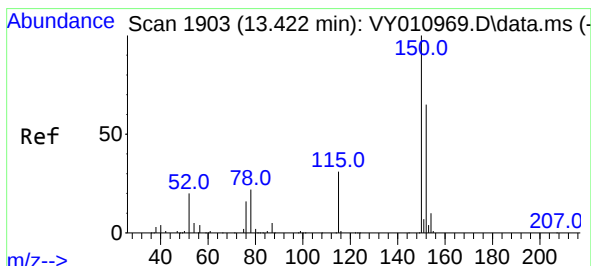
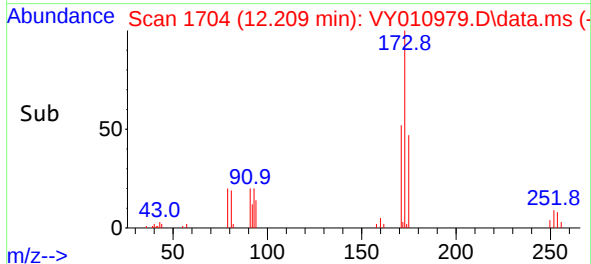
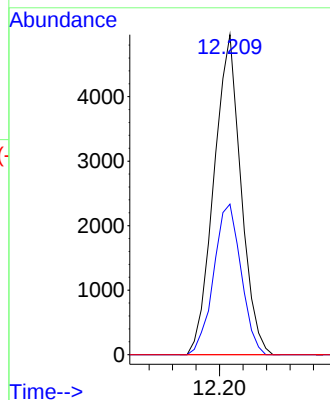
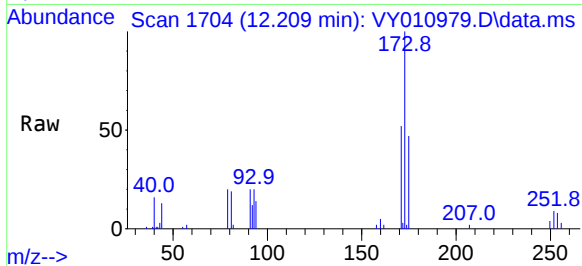




#71
Bromoform
Concen: 4.168 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

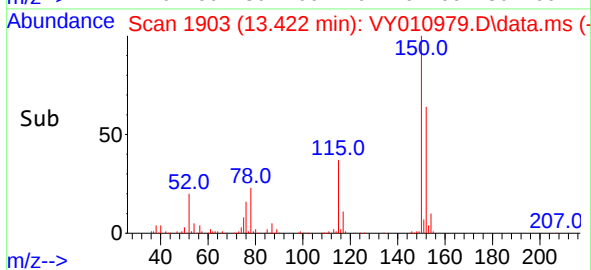
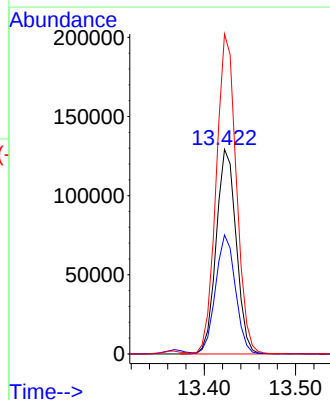
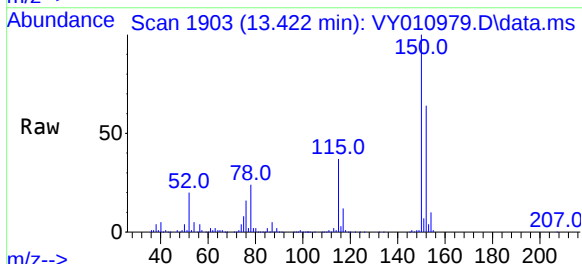
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

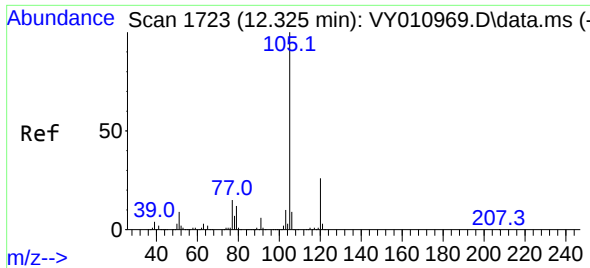
Tgt Ion:	173	Resp:	7938
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.6	74.0
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:	152	Resp:	196344
Ion Ratio	Lower	Upper	
152	100		
115	57.9	28.2	84.7
150	157.3	0.0	347.6

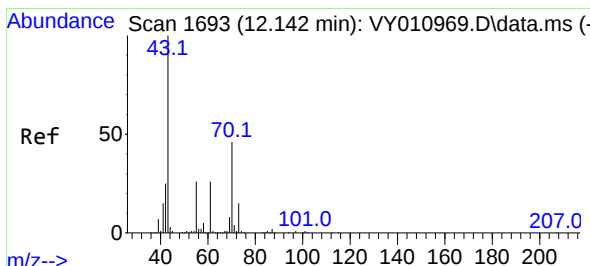
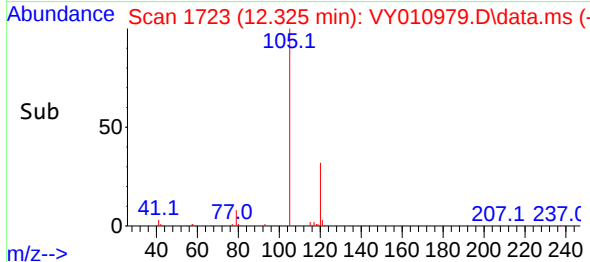
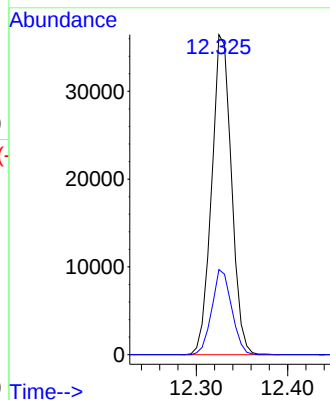
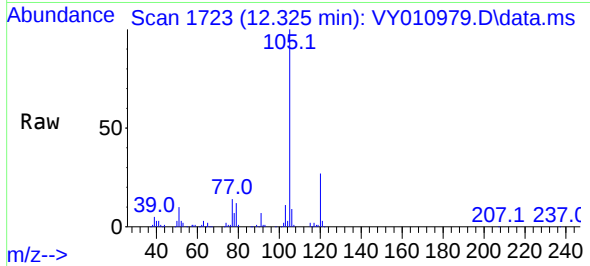




#73
Isopropylbenzene
Concen: 3.832 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

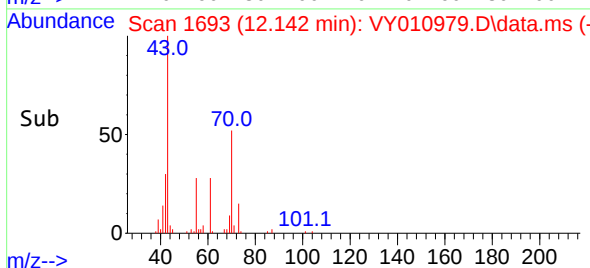
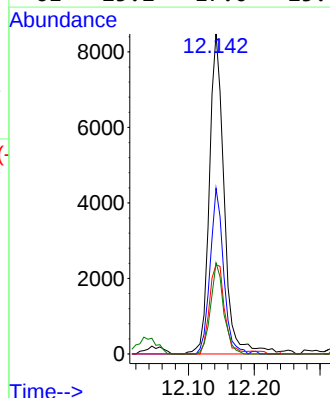
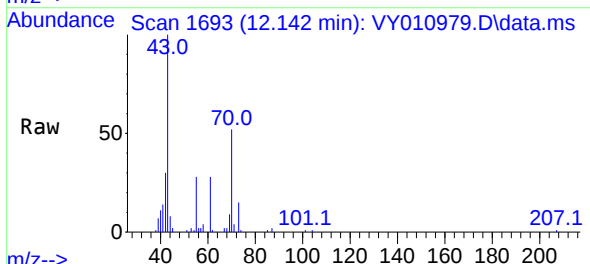
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

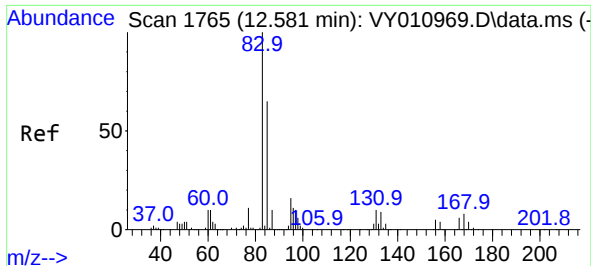
Tgt Ion:105 Resp: 54656
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-ethyl acetate
Concen: 3.669 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 43 Resp: 13279
Ion Ratio Lower Upper
43 100
70 46.9 28.7 43.1#
55 28.3 17.3 25.9#
61 25.2 17.0 25.6

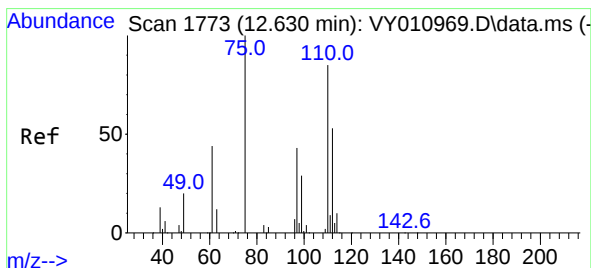
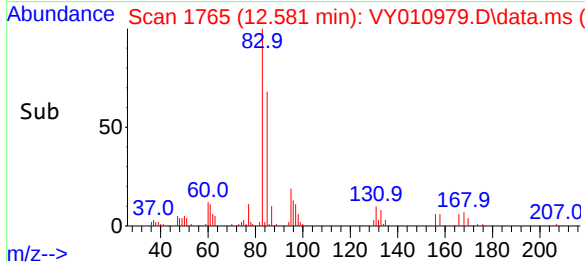
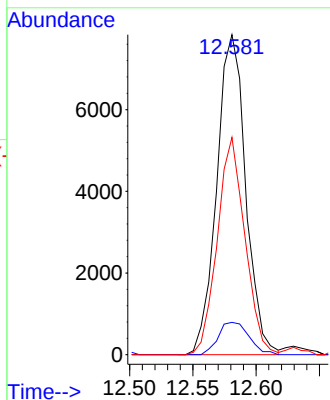
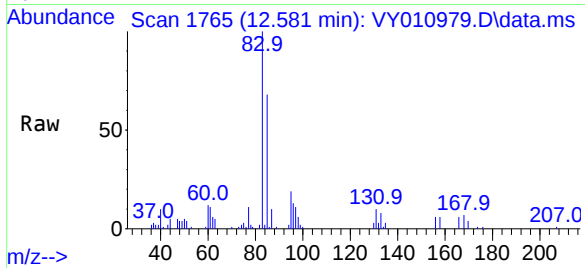




#75
1,1,2,2-Tetrachloroethane
Concen: 4.167 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

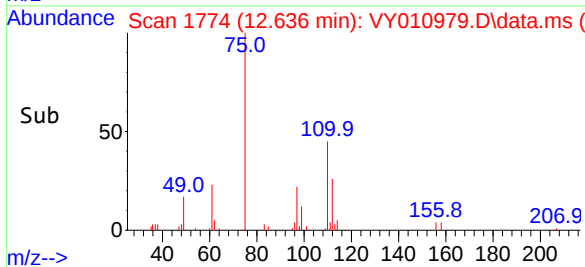
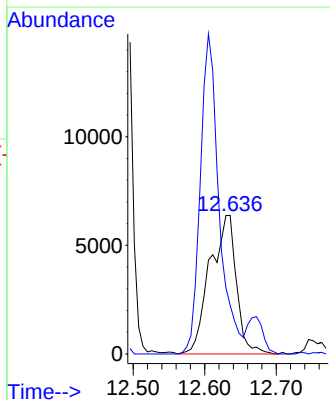
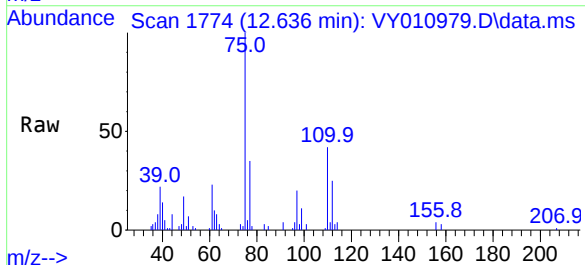
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022

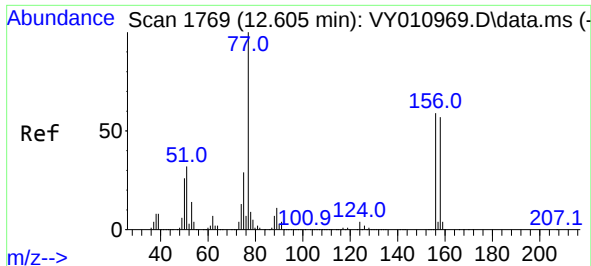
Tgt Ion: 83 Resp: 12476
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 7.367 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 75 Resp: 16423
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

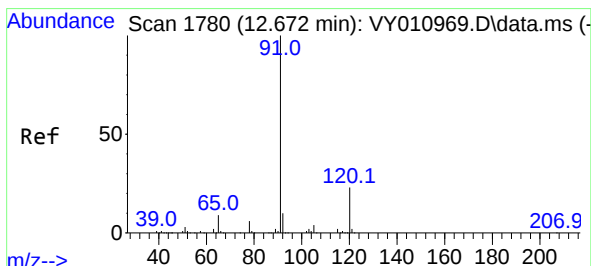
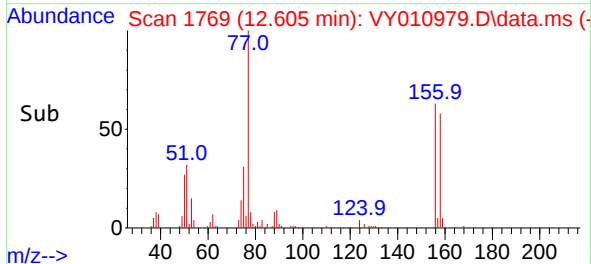
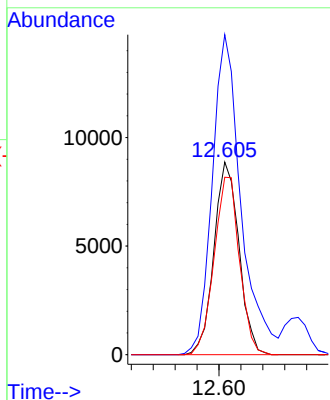
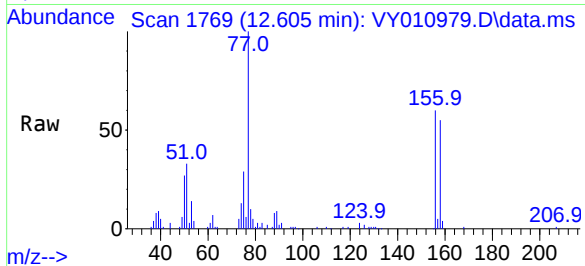




#77
Bromobenzene
Concen: 4.213 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

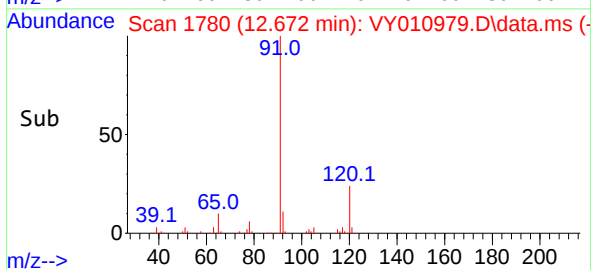
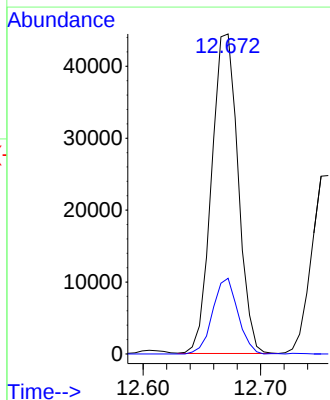
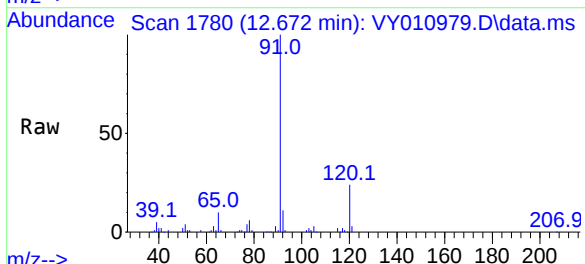
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

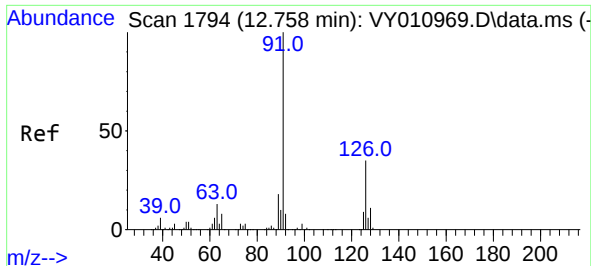
Tgt Ion:	156	Resp:	14048
Ion Ratio	Lower	Upper	
156	100		
77	191.2	95.5	286.4
158	93.8	48.0	144.0



#78
n-propylbenzene
Concen: 4.014 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:	91	Resp:	69657
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.3	33.9

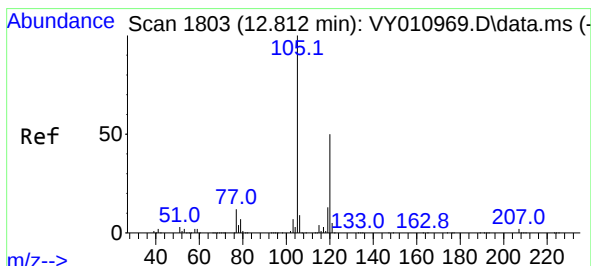
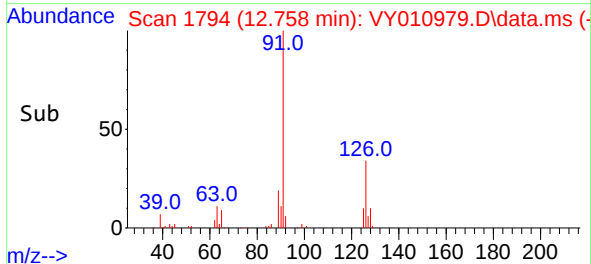
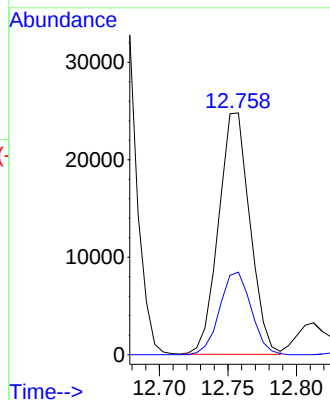
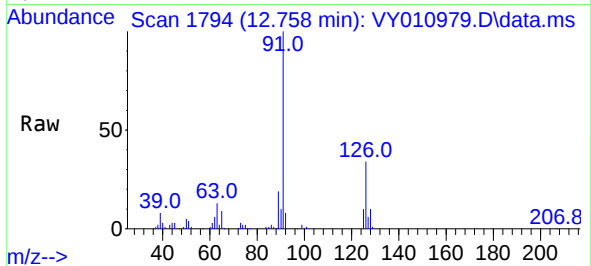




#79
2-Chlorotoluene
Concen: 4.041 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

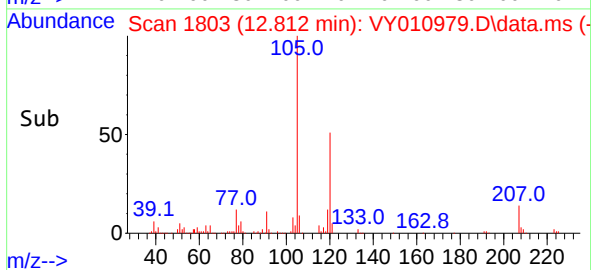
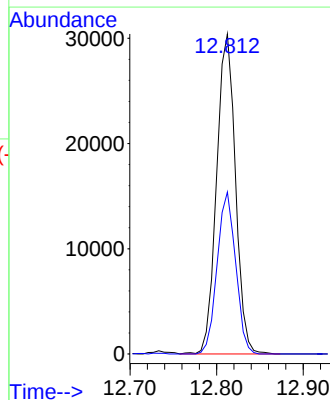
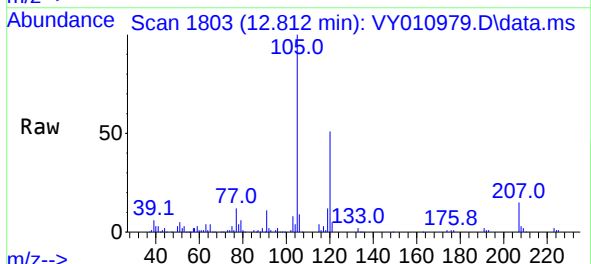
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

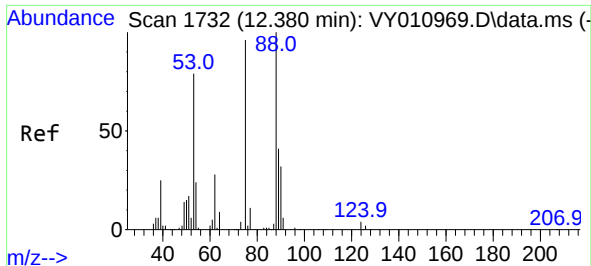
Tgt Ion: 91 Resp: 39494
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 3.863 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 105 Resp: 45978
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.4

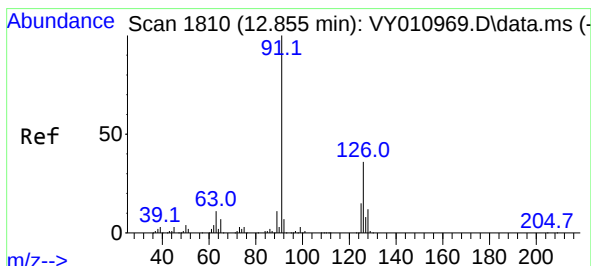
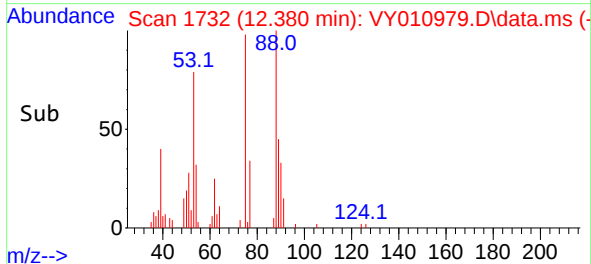
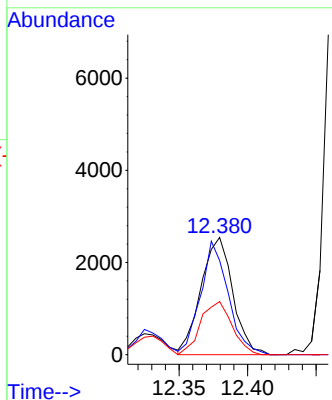
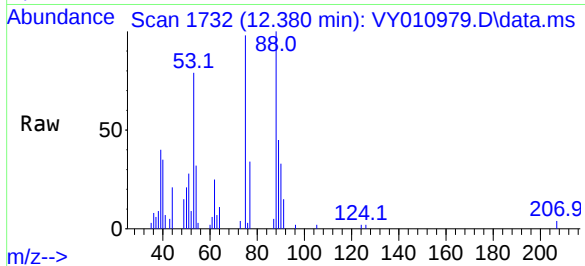




#81
trans-1,4-Dichloro-2-butene
Concen: 3.957 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

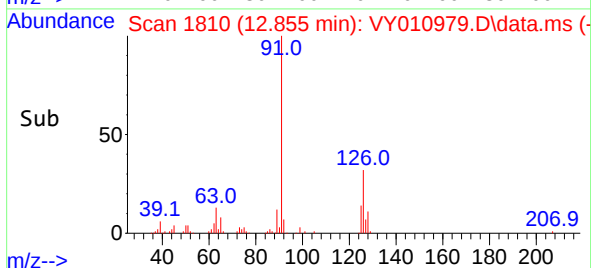
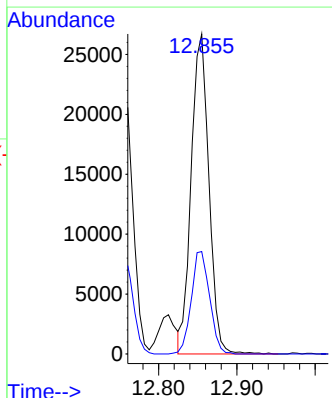
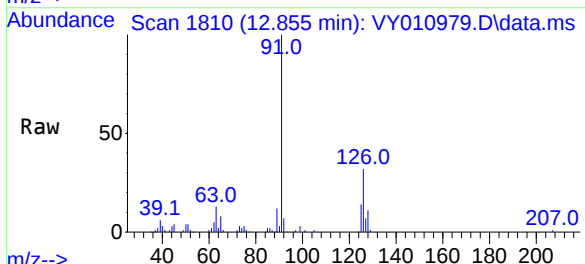
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022

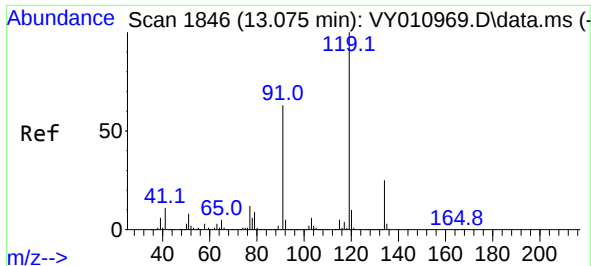
Tgt Ion: 75 Resp: 4101
Ion Ratio Lower Upper
75 100
53 84.3 85.3 127.9#
89 44.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 4.126 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 91 Resp: 41992
Ion Ratio Lower Upper
91 100
126 33.2 17.0 51.0

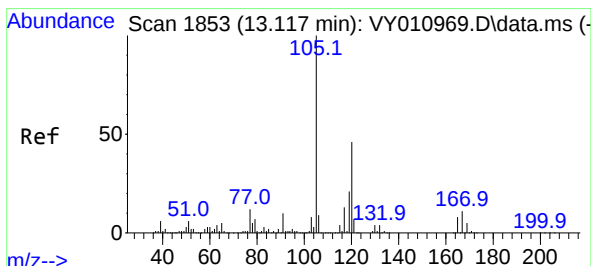
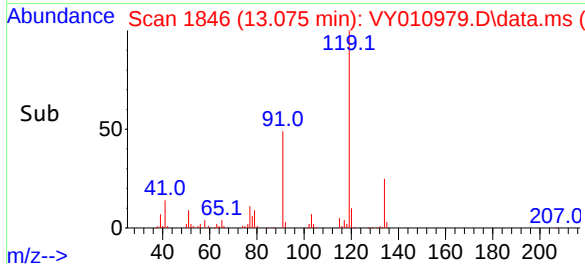
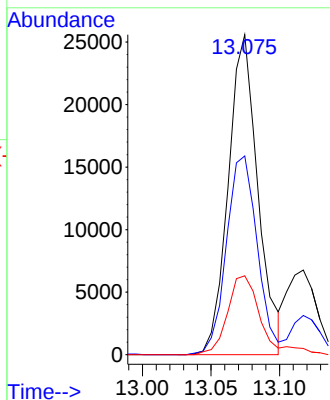
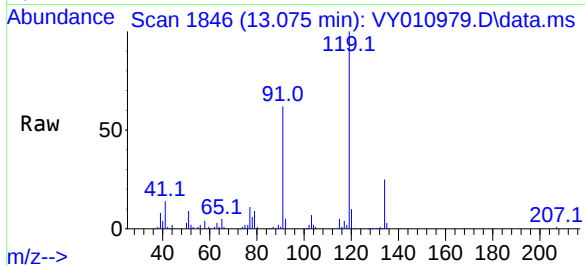




#83
tert-Butylbenzene
Concen: 3.750 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

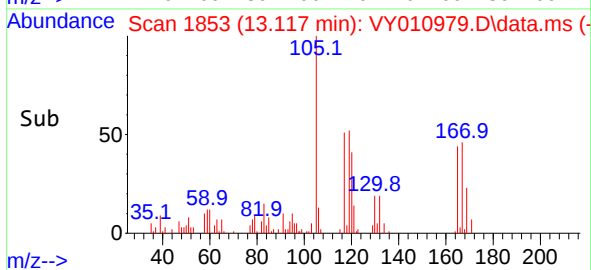
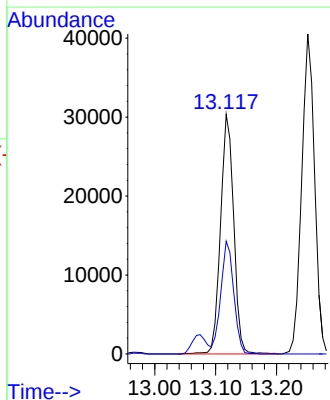
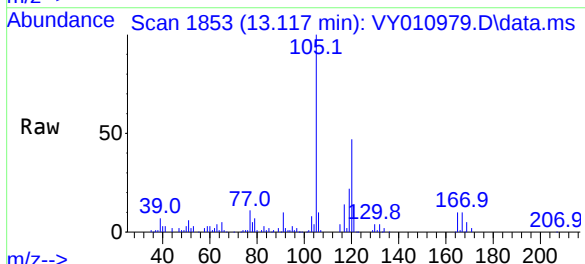
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2022

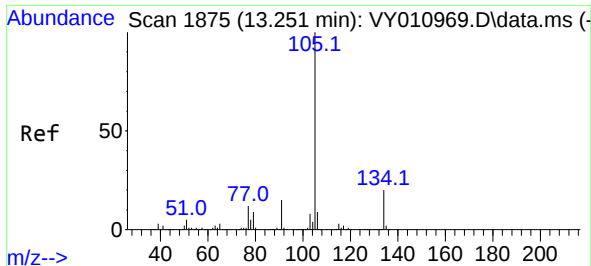
Tgt Ion:119 Resp: 38599
Ion Ratio Lower Upper
119 100
91 64.4 34.8 104.4
134 27.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 3.877 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:105 Resp: 45505
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9

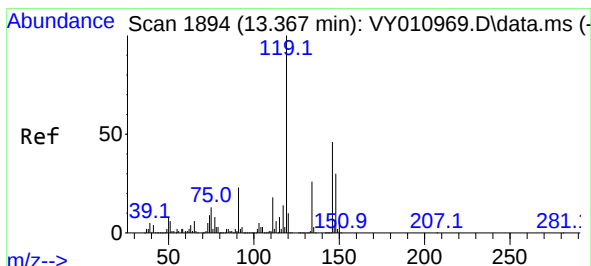
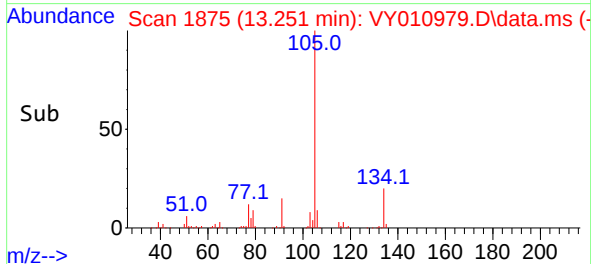
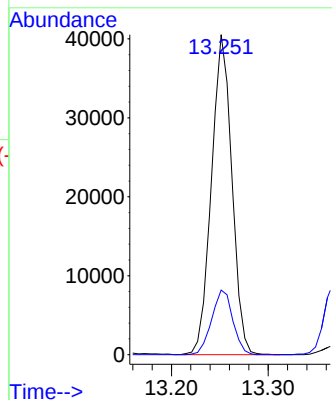
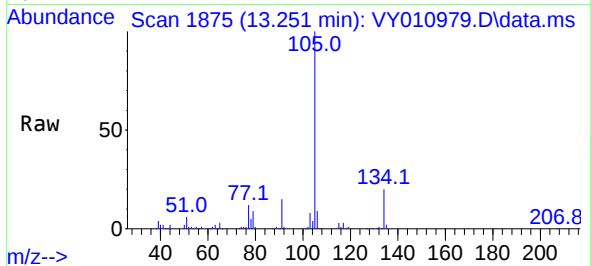




#85
 sec-Butylbenzene
 Concen: 3.843 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY010979.D
 Acq: 17 Oct 2022 18:52

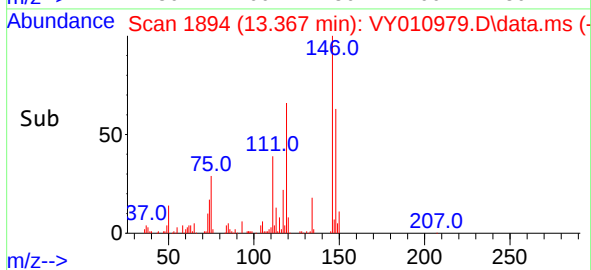
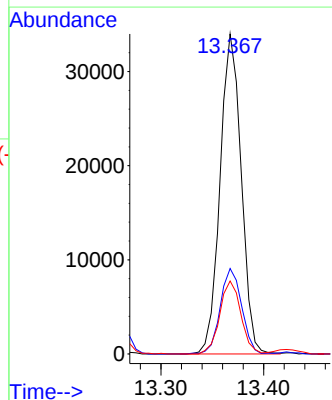
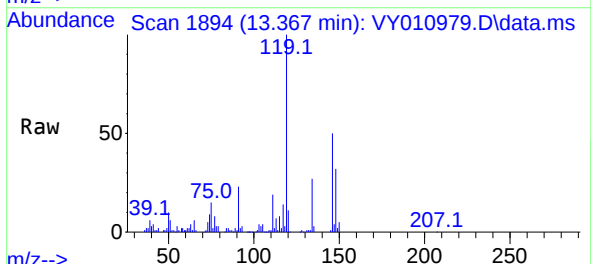
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2022

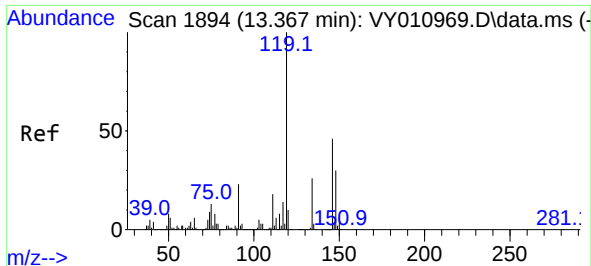
Tgt Ion:105 Resp: 59439
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 3.783 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010979.D
 Acq: 17 Oct 2022 18:52

Tgt Ion:119 Resp: 48540
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.5
 91 22.8 12.4 37.2

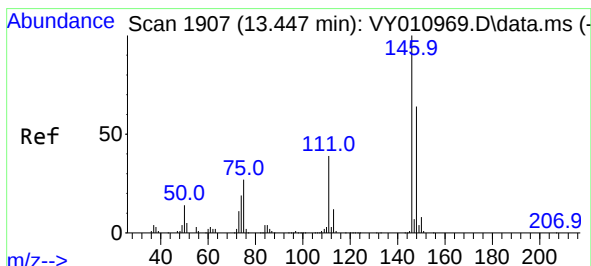
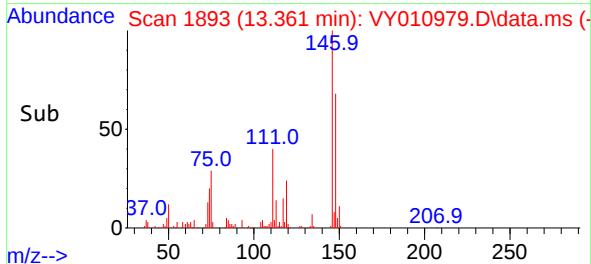
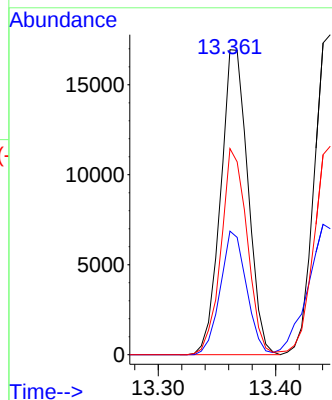
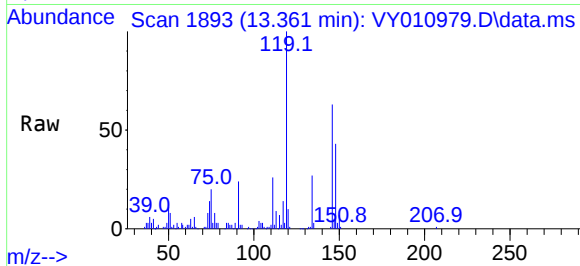




#87
1,3-Dichlorobenzene
Concen: 4.106 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

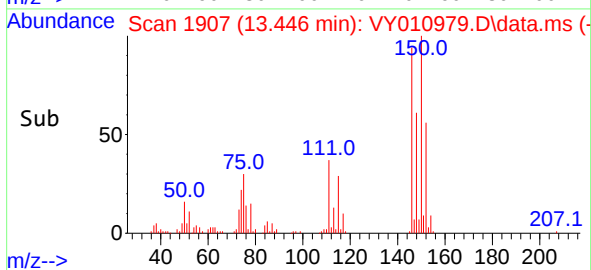
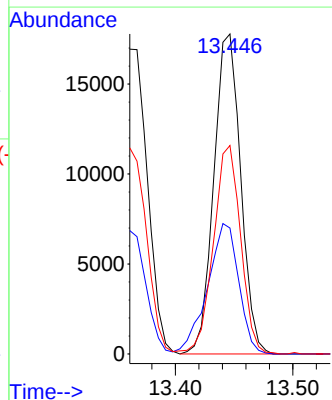
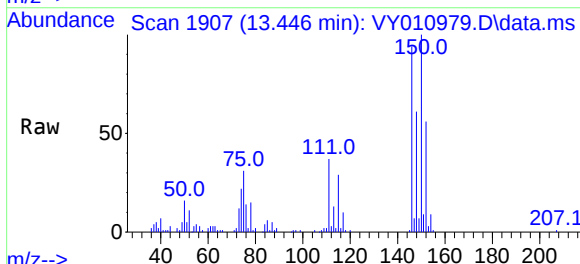
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

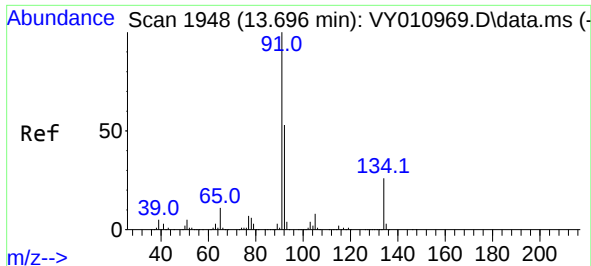
Tgt Ion:	146	Resp:	27321
Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	64.6	31.6	95.0



#88
1,4-Dichlorobenzene
Concen: 4.274 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:	146	Resp:	28277
Ion	Ratio	Lower	Upper
146	100		
111	47.4	19.3	57.8
148	66.2	32.6	97.8

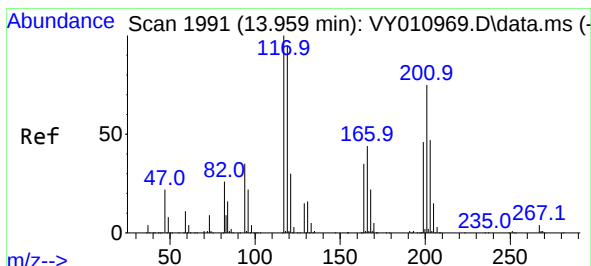
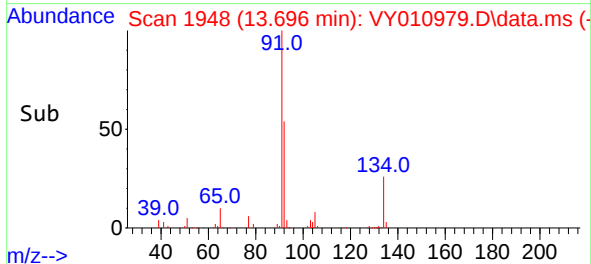
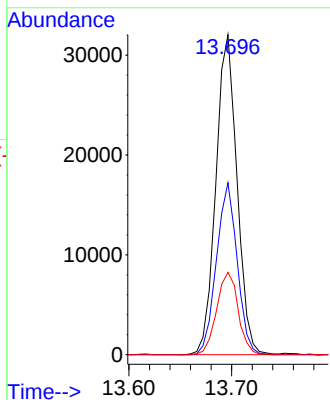
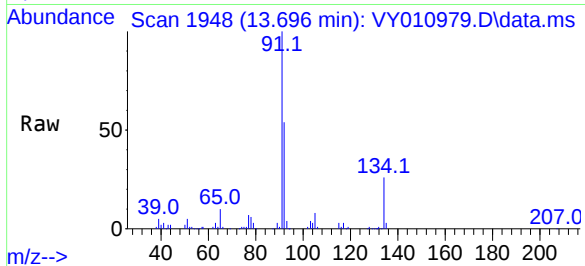




#89
n-Butylbenzene
Concen: 3.816 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

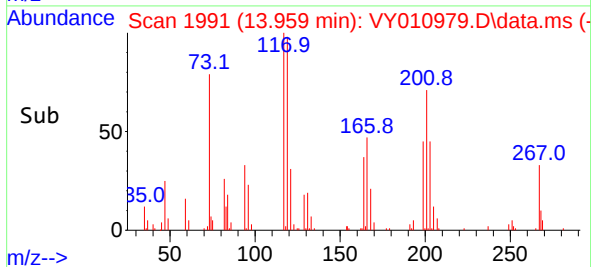
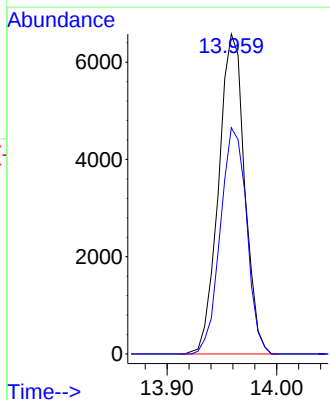
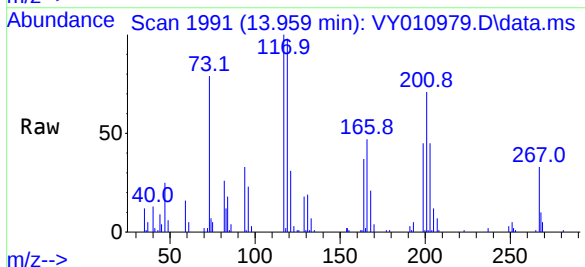
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

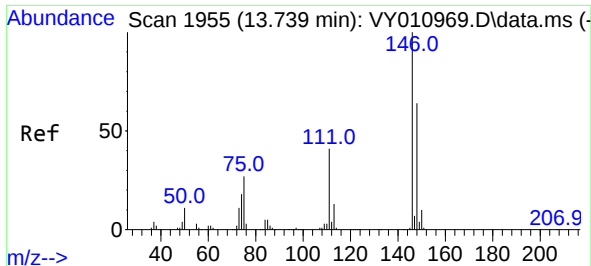
Tgt Ion: 91 Resp: 45751
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 26.2 13.0 38.9



#90
Hexachloroethane
Concen: 4.292 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion: 117 Resp: 10868
Ion Ratio Lower Upper
117 100
201 71.3 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 4.059 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

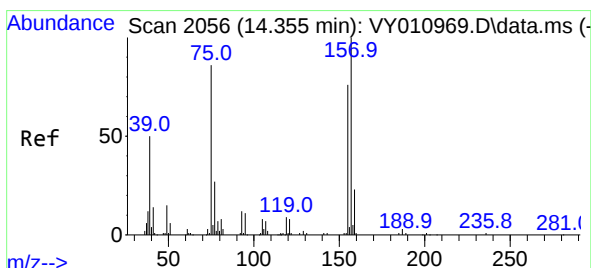
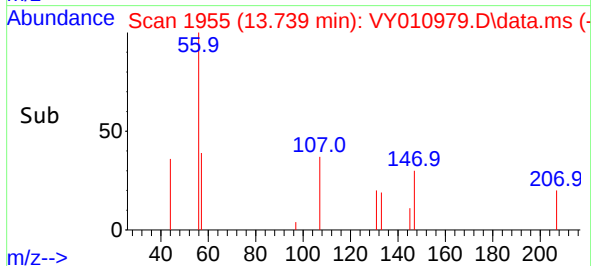
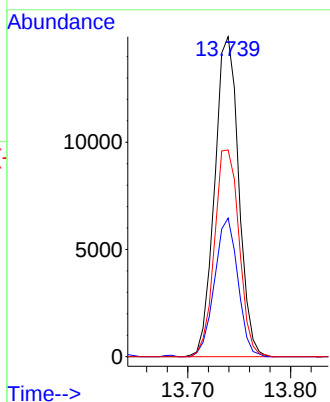
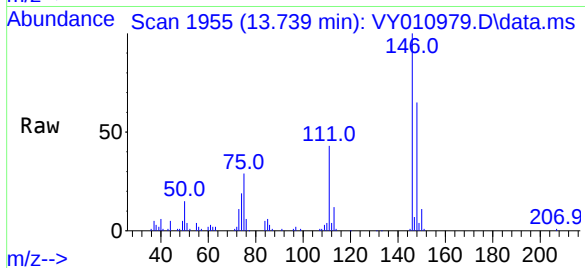
Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2022

Tgt Ion:	146	Resp:	24169
Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.3	60.9
148	66.4	32.3	96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.087 ug/l

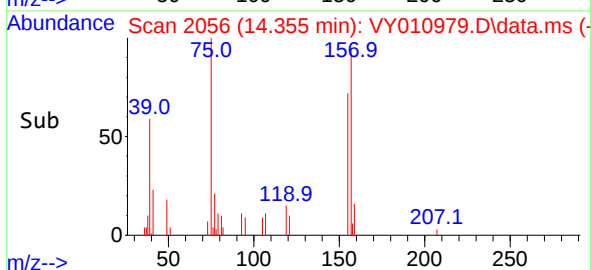
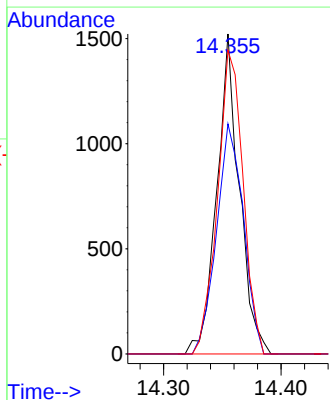
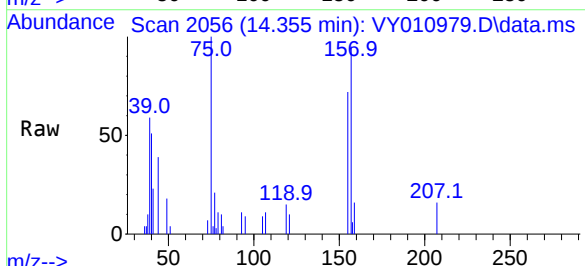
RT: 14.355 min Scan# 2056

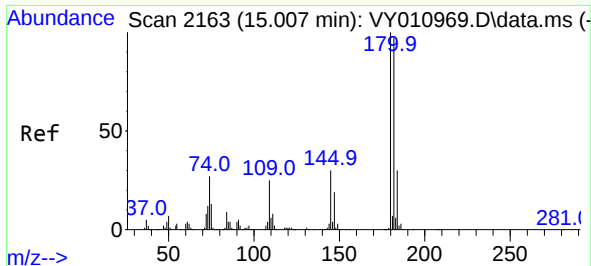
Delta R.T. -0.000 min

Lab File: VY010979.D

Acq: 17 Oct 2022 18:52

Tgt Ion:	75	Resp:	2023
Ion	Ratio	Lower	Upper
75	100		
155	85.9	38.0	113.9
157	107.6	47.8	143.3

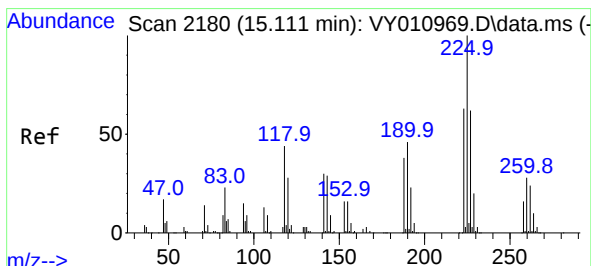
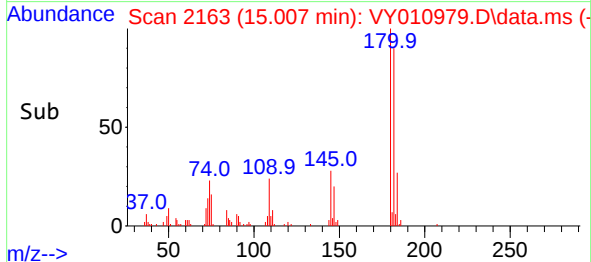
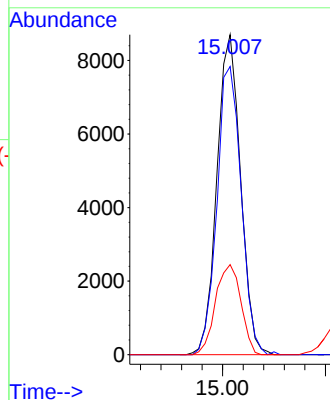
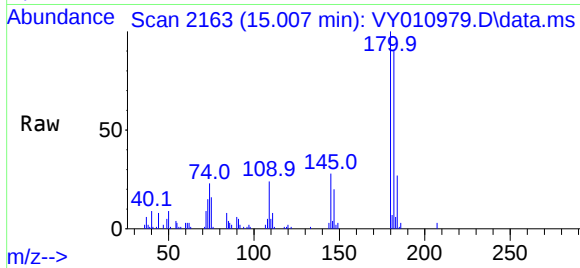




#93
1,2,4-Trichlorobenzene
Concen: 3.901 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

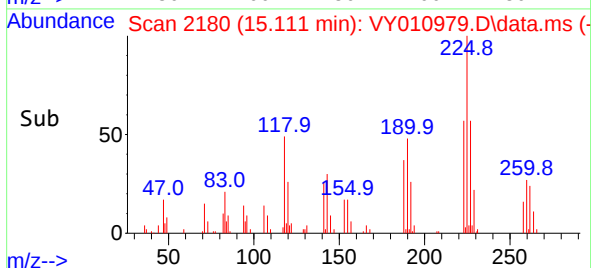
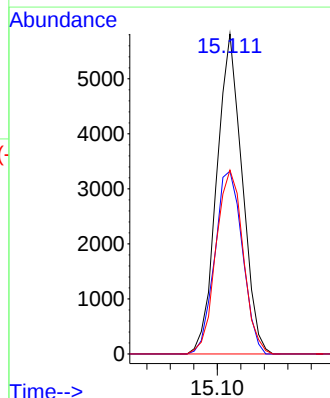
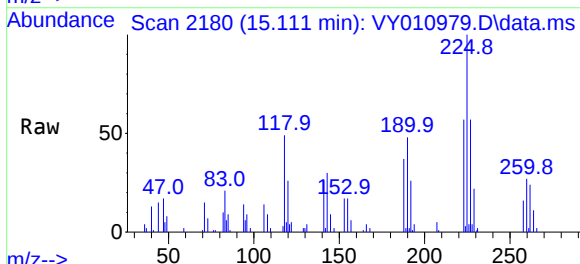
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

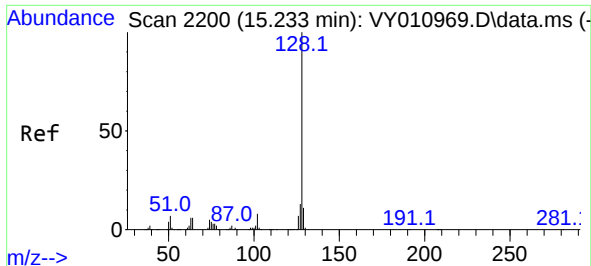
Tgt Ion:	180	Resp:	13880
Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.3	141.9
145	30.3	14.6	43.8



#94
Hexachlorobutadiene
Concen: 4.180 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:	225	Resp:	8754
Ion	Ratio	Lower	Upper
225	100		
223	62.0	30.8	92.3
227	61.3	31.6	94.7

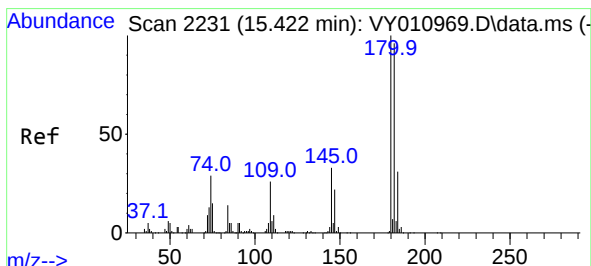
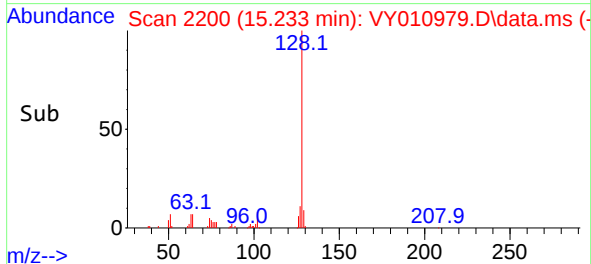
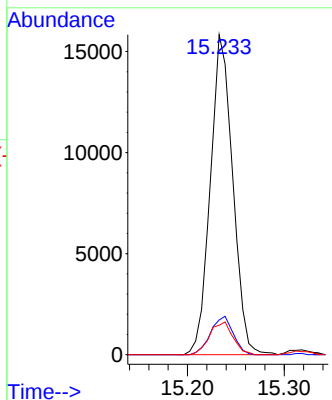
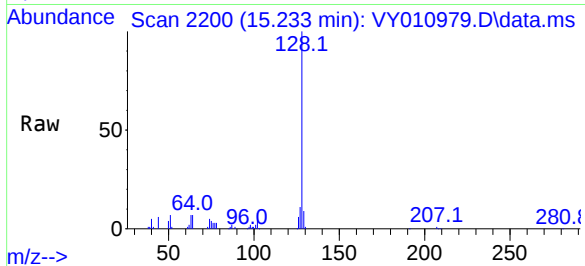




#95
Naphthalene
Concen: 3.514 ug/l
RT: 15.233 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2022

Tgt Ion:	128	Resp:	25466
Ion	Ratio	Lower	Upper
128	100		
127	12.1	11.0	16.4
129	10.7	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 3.799 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY010979.D
Acq: 17 Oct 2022 18:52

Tgt Ion:	180	Resp:	11793
Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.3	141.9
145	33.0	15.3	45.9

