

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009270.D
 Acq On : 22 Jun 2022 13:36
 Operator : KP/MD
 Sample : N3214-03 4PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

Quant Time: Jun 23 08:25:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 08:23:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	146823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	240000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	219943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78794	48.86	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.72%
35) Dibromofluoromethane	7.710	113	75537	48.60	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.20%
50) Toluene-d8	10.179	98	290733	48.69	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.38%
62) 4-Bromofluorobenzene	12.477	95	101460	48.36	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.72%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	4867	4.52	ug/l	94
3) Chloromethane	2.107	50	6239	4.73	ug/l	96
4) Vinyl Chloride	2.247	62	6697	4.57	ug/l	94
5) Bromomethane	2.643	94	5020	4.91	ug/l	91
6) Chloroethane	2.784	64	3517	3.60	ug/l #	85
7) Trichlorofluoromethane	3.119	101	9507	4.08	ug/l	96
8) Diethyl Ether	3.521	74	3891	4.55	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	6421	4.34	ug/l	96
10) Methyl Iodide	4.088	142	6470	3.58	ug/l	94
11) Tert butyl alcohol	4.930	59	14133	46.82	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	5736	4.08	ug/l	89
13) Acrolein	3.716	56	866	12.93	ug/l	100
14) Allyl chloride	4.466	41	10734	4.25	ug/l	93
15) Acrylonitrile	5.161	53	10243	21.49	ug/l	93
16) Acetone	3.936	43	9892	24.83	ug/l	95
17) Carbon Disulfide	4.186	76	14758	3.78	ug/l	99
18) Methyl Acetate	4.478	43	9150	6.69	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	17741	4.20	ug/l #	90
20) Methylene Chloride	4.704	84	16422	6.23	ug/l #	86
21) trans-1,2-Dichloroethene	5.210	96	6602	3.96	ug/l	93
22) Diisopropyl ether	6.112	45	22138	4.17	ug/l #	94
23) Vinyl Acetate	6.051	43	54555	16.73	ug/l	98
24) 1,1-Dichloroethane	6.009	63	13452	4.47	ug/l	97
25) 2-Butanone	6.984	43	14829	23.05	ug/l	99
26) 2,2-Dichloropropane	6.972	77	13442	4.76	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	8400	4.30	ug/l	95
28) Bromochloromethane	7.319	49	5992	4.62	ug/l #	91
29) Tetrahydrofuran	7.344	42	9285	22.79	ug/l	99
30) Chloroform	7.502	83	13664	4.42	ug/l	95
31) Cyclohexane	7.783	56	13240	4.73	ug/l #	70
32) 1,1,1-Trichloroethane	7.704	97	11396	4.22	ug/l	98
36) 1,1-Dichloropropene	7.917	75	9690	4.10	ug/l	96
37) Ethyl Acetate	7.069	43	6228	4.35	ug/l #	88
38) Carbon Tetrachloride	7.899	117	9966	4.05	ug/l	93
39) Methylcyclohexane	9.179	83	11681	4.02	ug/l	93
40) Benzene	8.155	78	29275	4.18	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009270.D
 Acq On : 22 Jun 2022 13:36
 Operator : KP/MD
 Sample : N3214-03 4PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

Quant Time: Jun 23 08:25:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 08:23:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	3533	4.45	ug/l #	43
42) 1,2-Dichloroethane	8.228	62	8848	4.41	ug/l	91
43) Isopropyl Acetate	8.264	43	11074	4.22	ug/l #	89
44) Trichloroethene	8.941	130	8417	4.27	ug/l	93
45) 1,2-Dichloropropane	9.215	63	7502	4.16	ug/l	97
46) Dibromomethane	9.301	93	4102	4.00	ug/l	97
47) Bromodichloromethane	9.496	83	10163	4.17	ug/l	98
48) Methyl methacrylate	9.289	41	4797	4.18	ug/l	91
49) 1,4-Dioxane	9.301	88	1251	84.92	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	29195	21.41	ug/l	95
52) Toluene	10.240	92	19428	4.39	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	10371	4.10	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	11744	4.08	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	6114	4.25	ug/l	94
56) Ethyl methacrylate	10.508	69	7406	3.89	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	10272	4.17	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	18536	22.70	ug/l	96
59) 2-Hexanone	10.831	43	19153	20.76	ug/l	97
60) Dibromochloromethane	10.983	129	7266	4.14	ug/l	98
61) 1,2-Dibromoethane	11.081	107	5592	3.99	ug/l	95
64) Tetrachloroethene	10.715	164	9433	4.45	ug/l	89
65) Chlorobenzene	11.514	112	20920	4.22	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.587	131	7760	4.28	ug/l	98
67) Ethyl Benzene	11.593	91	35169	4.10	ug/l	99
68) m/p-Xylenes	11.697	106	28036	8.32	ug/l	89
69) o-Xylene	12.026	106	13111	4.09	ug/l	88
70) Styrene	12.038	104	20107	3.78	ug/l	99
71) Bromoform	12.209	173	4379	3.91	ug/l #	100
73) Isopropylbenzene	12.325	105	33274	3.96	ug/l	99
74) N-amyl acetate	12.142	43	8685	3.87	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	7061	4.41	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	9610	7.64	ug/l #	100
77) Bromobenzene	12.605	156	8843	4.33	ug/l	92
78) n-propylbenzene	12.666	91	43005	4.24	ug/l	98
79) 2-Chlorotoluene	12.757	91	24224	4.24	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	28355	4.06	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.373	75	2457	4.14	ug/l	86
82) 4-Chlorotoluene	12.855	91	24586	4.13	ug/l	97
83) tert-Butylbenzene	13.074	119	24834	4.08	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	27451	4.01	ug/l	97
85) sec-Butylbenzene	13.251	105	37092	4.07	ug/l	98
86) p-Isopropyltoluene	13.367	119	30793	4.06	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	17121	4.34	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	17632	4.45	ug/l	96
89) n-Butylbenzene	13.696	91	28212	4.00	ug/l	96
90) Hexachloroethane	13.958	117	6193	4.31	ug/l	84
91) 1,2-Dichlorobenzene	13.733	146	15697	4.42	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1290	4.53	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	8662	3.99	ug/l	97
94) Hexachlorobutadiene	15.111	225	5119	4.38	ug/l	94
95) Naphthalene	15.233	128	15105	3.47	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	7689	4.14	ug/l	93

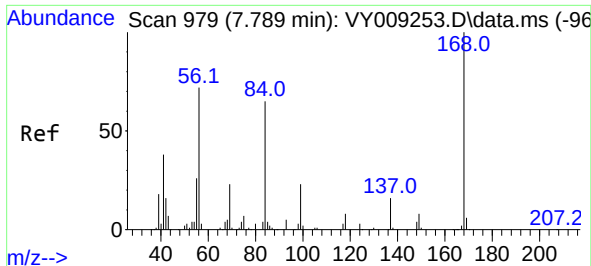
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
Data File : VY009270.D
Acq On : 22 Jun 2022 13:36
Operator : KP/MD
Sample : N3214-03 4PPB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

Quant Time: Jun 23 08:25:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 23 08:23:20 2022
Response via : Initial Calibration

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

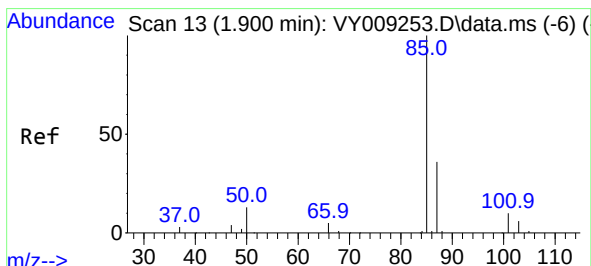
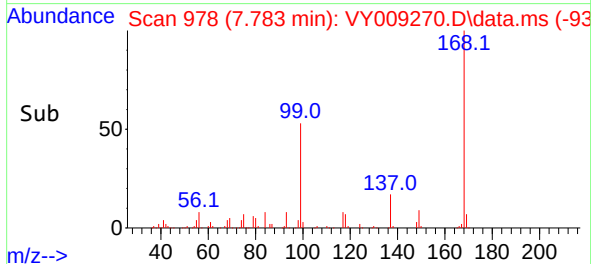
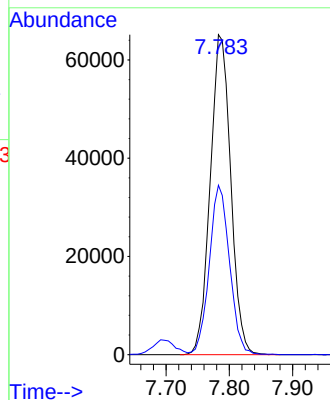
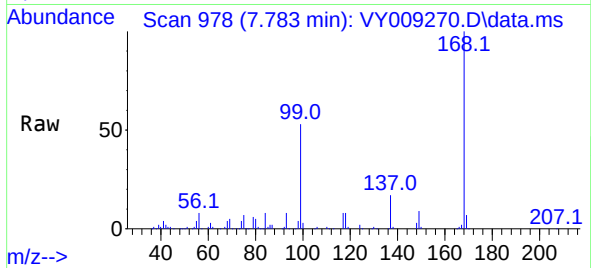
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

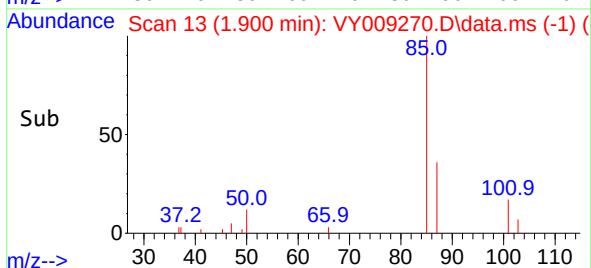
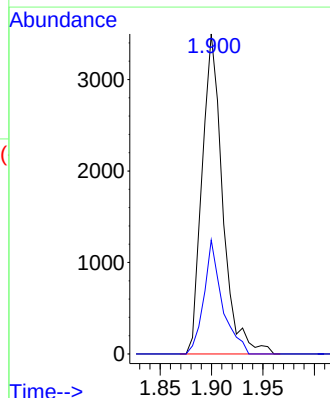
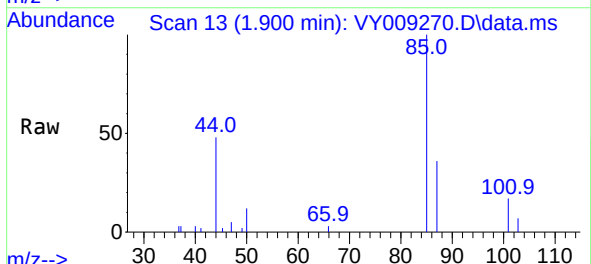
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

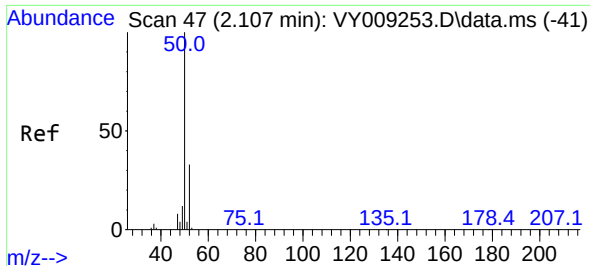
Tgt Ion:168 Resp: 146823
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 4.52 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 85 Resp: 4867
Ion Ratio Lower Upper
85 100
87 35.6 16.1 48.2

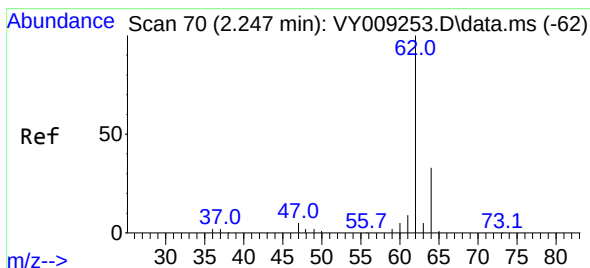
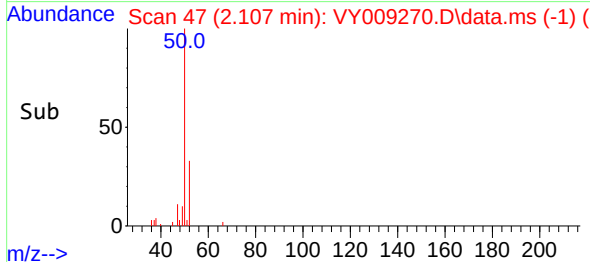
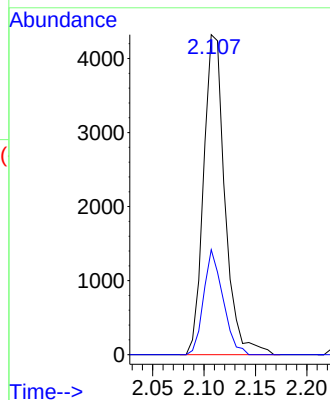
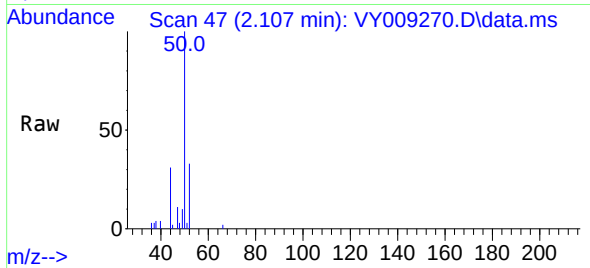




#3
Chloromethane
Concen: 4.73 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

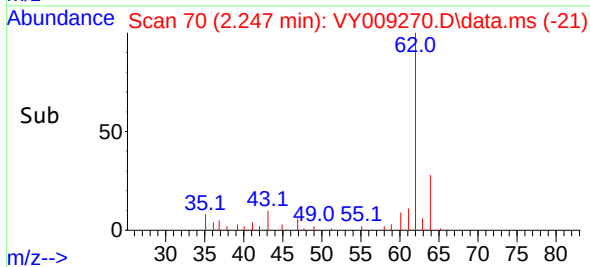
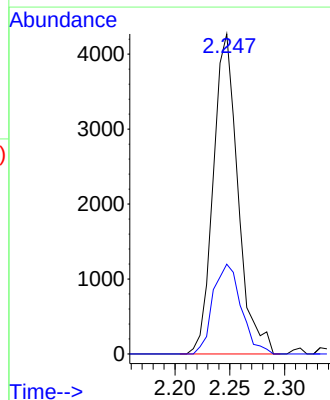
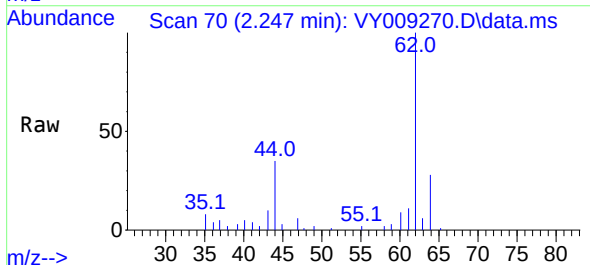
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

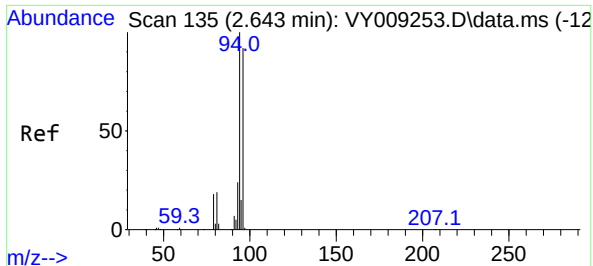
Tgt Ion: 50 Resp: 6239
Ion Ratio Lower Upper
50 100
52 32.8 24.6 37.0



#4
Vinyl Chloride
Concen: 4.57 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 62 Resp: 6697
Ion Ratio Lower Upper
62 100
64 28.0 25.0 37.6

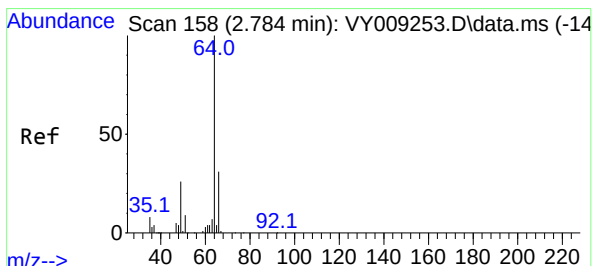
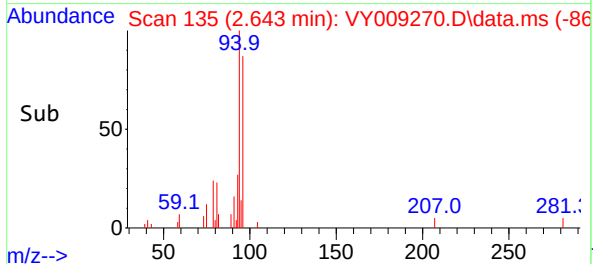
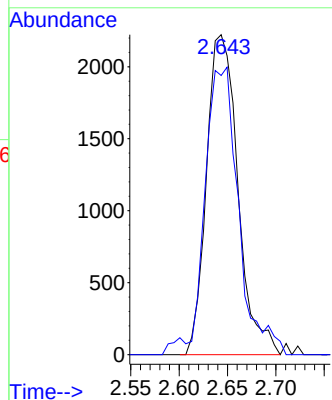
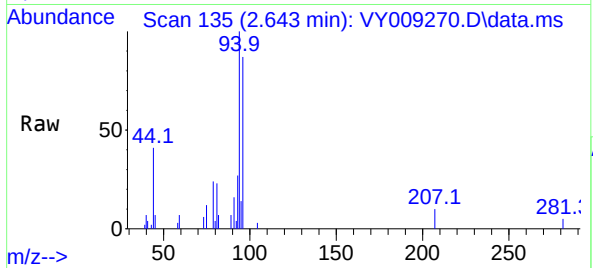




#5
Bromomethane
Concen: 4.91 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

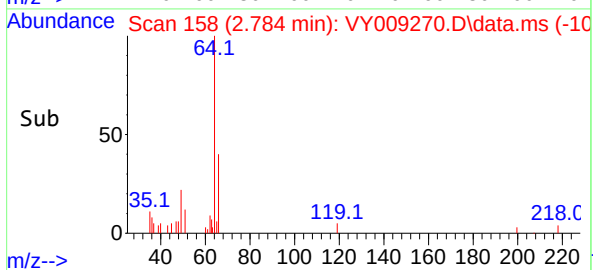
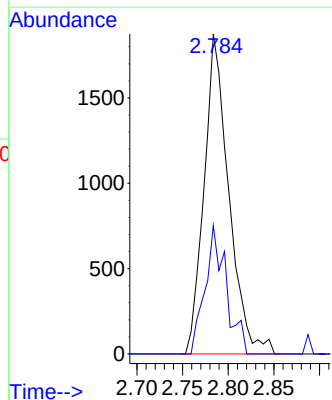
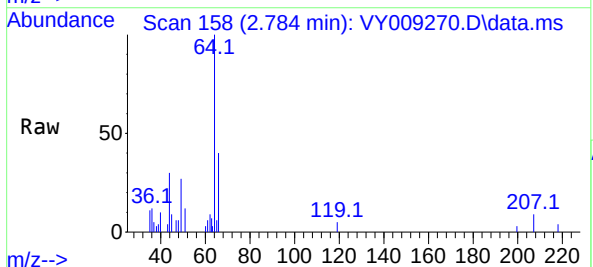
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

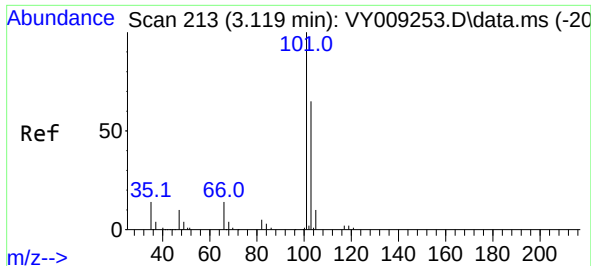
Tgt Ion: 94 Resp: 5020
Ion Ratio Lower Upper
94 100
96 83.1 73.5 110.3



#6
Chloroethane
Concen: 3.60 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 64 Resp: 3517
Ion Ratio Lower Upper
64 100
66 40.2 25.4 38.0#

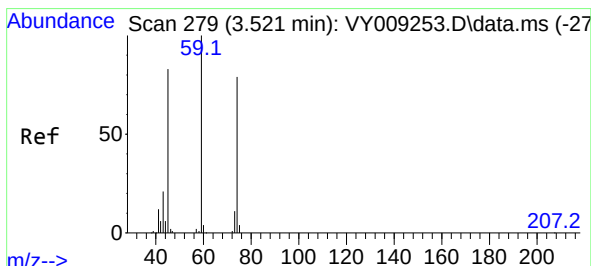
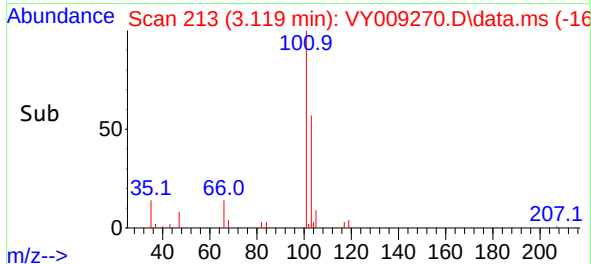
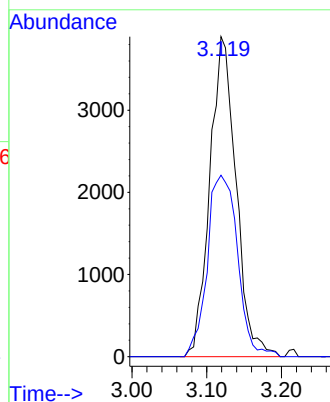
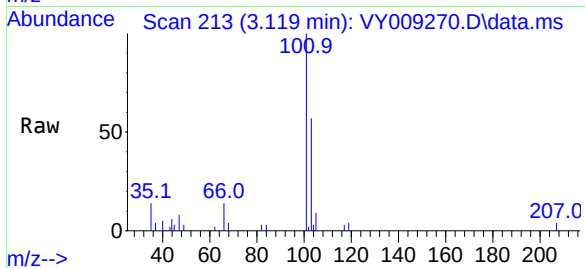




#7
Trichlorofluoromethane
Concen: 4.08 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

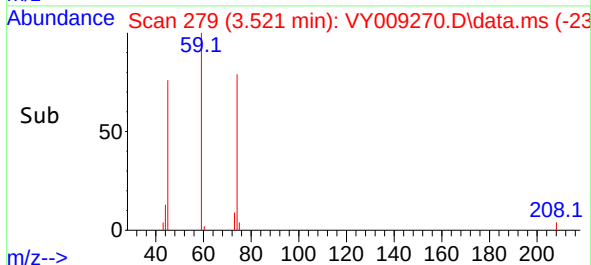
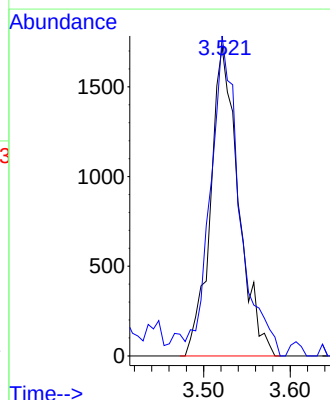
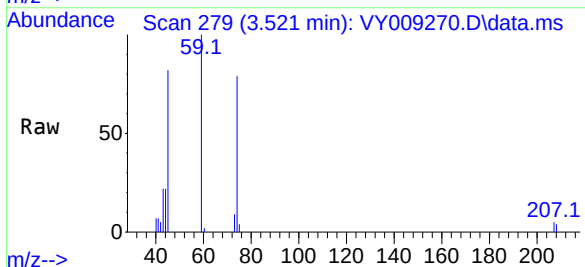
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

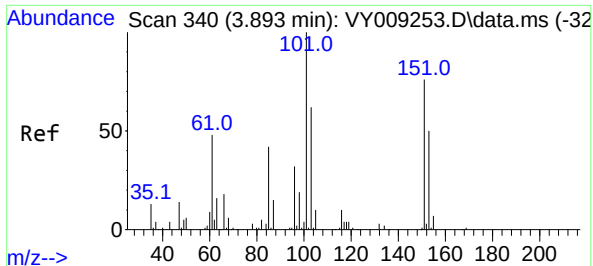
Tgt Ion:101 Resp: 9507
Ion Ratio Lower Upper
101 100
103 56.7 48.0 72.0



#8
Diethyl Ether
Concen: 4.55 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 74 Resp: 3891
Ion Ratio Lower Upper
74 100
45 106.5 55.1 165.5

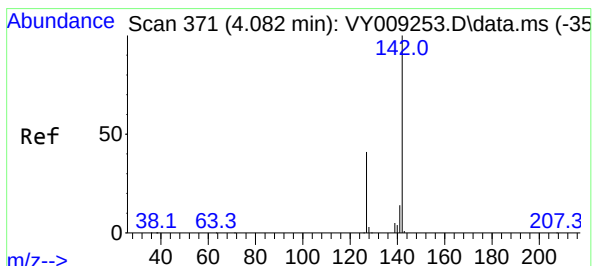
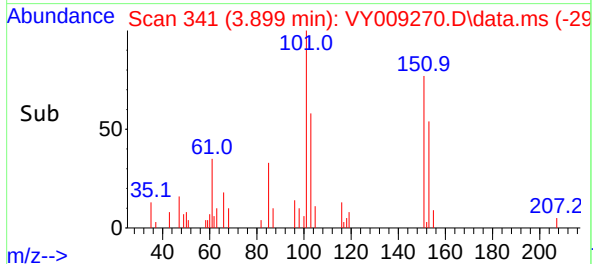
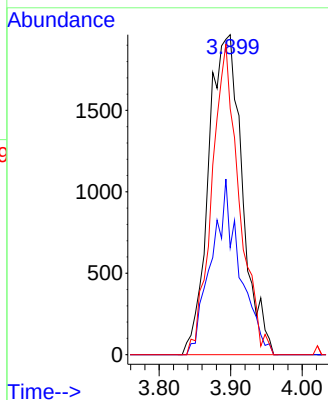
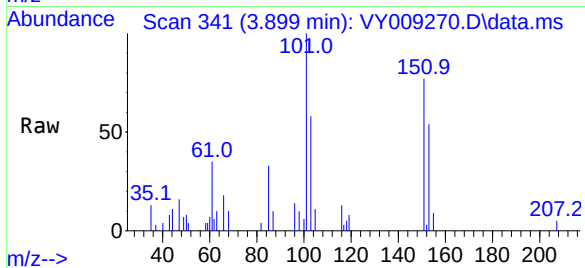




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.34 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

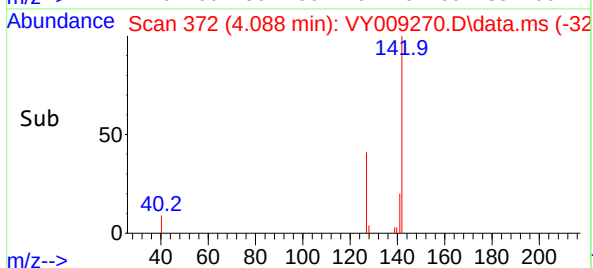
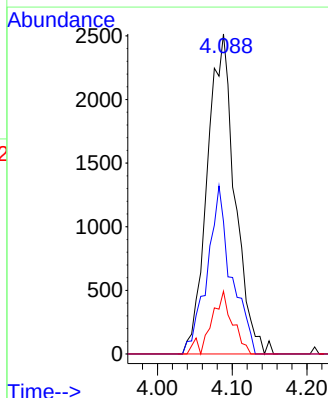
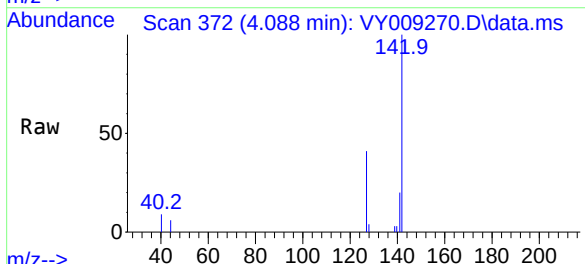
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

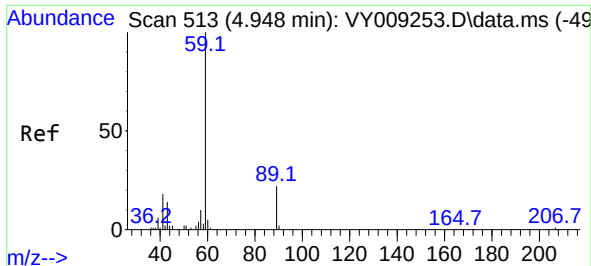
Tgt Ion:	101	Resp:	6421
Ion	Ratio	Lower	Upper
101	100		
85	46.3	40.6	60.8
151	79.3	64.9	97.3



#10
Methyl Iodide
Concen: 3.58 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion:	142	Resp:	6470
Ion	Ratio	Lower	Upper
142	100		
127	46.3	41.5	62.3
141	15.1	11.9	17.9





#11

Tert butyl alcohol

Concen: 46.82 ug/l

RT: 4.930 min Scan# 513

Delta R.T. -0.018 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

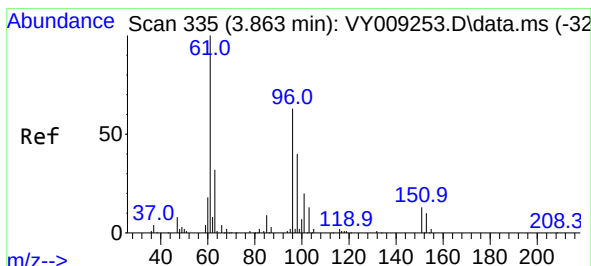
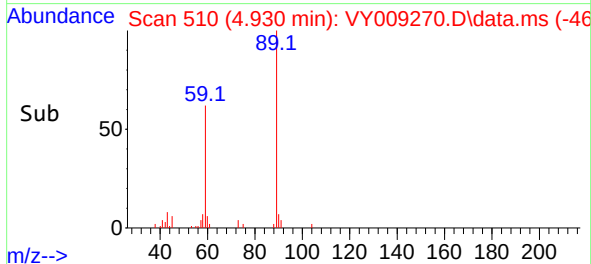
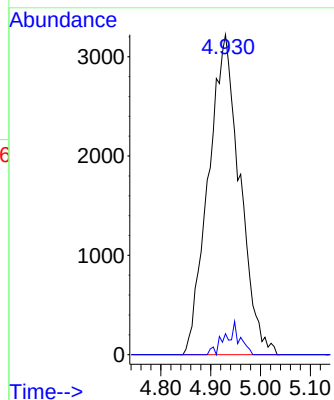
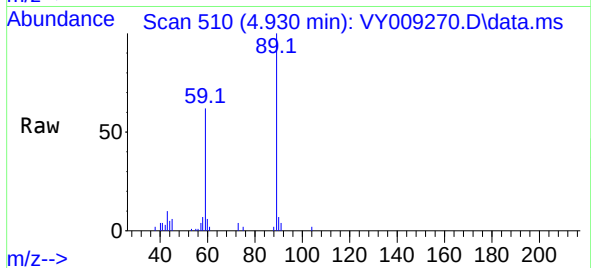
MDL-SOIL-03-QT2-2022

Tgt Ion: 59 Resp: 14133

Ion Ratio Lower Upper

59 100

57 4.7 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 4.08 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

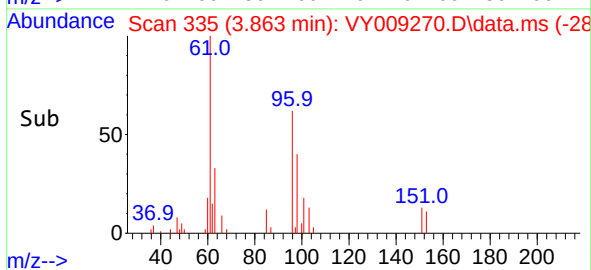
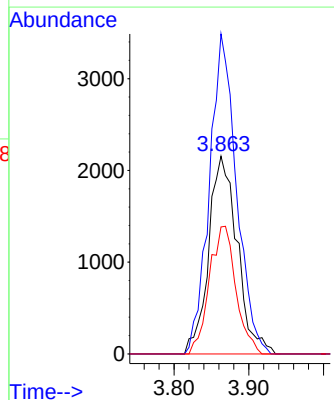
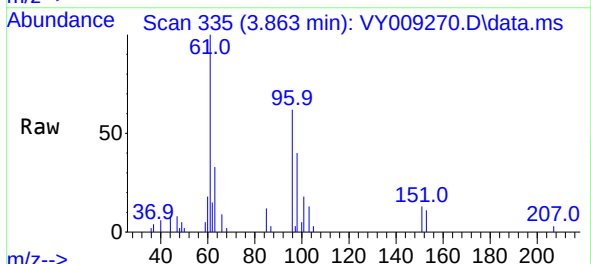
Tgt Ion: 96 Resp: 5736

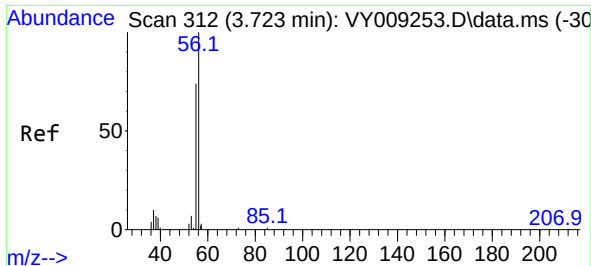
Ion Ratio Lower Upper

96 100

61 161.8 145.8 218.6

98 64.2 52.5 78.7

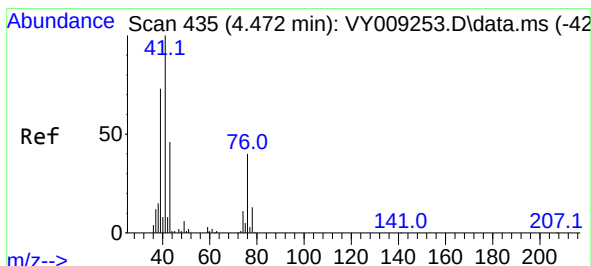
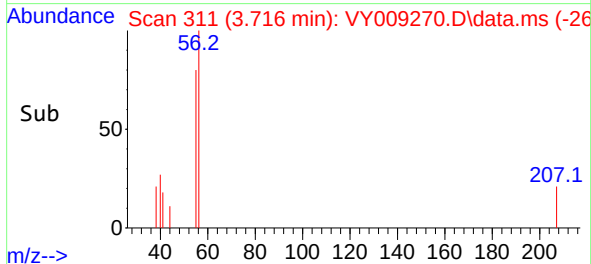
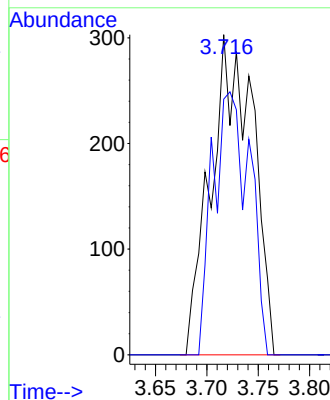
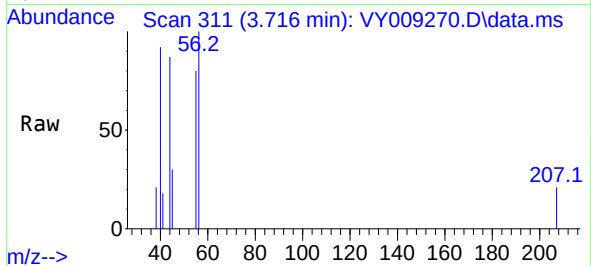




#13
Acrolein
Concen: 12.93 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.007 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

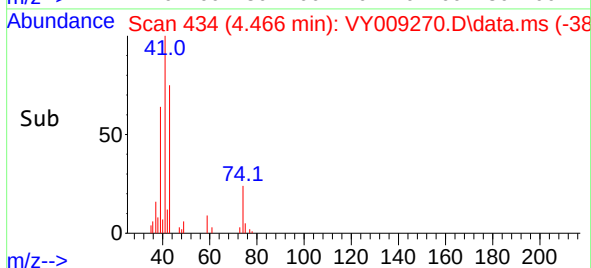
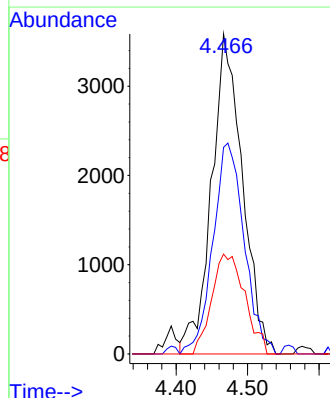
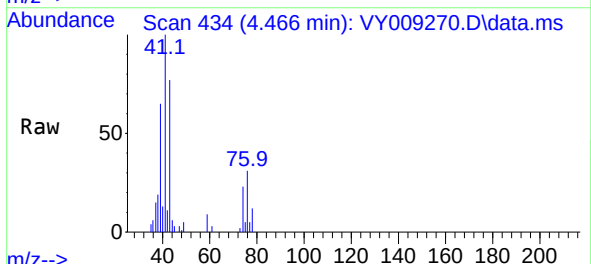
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

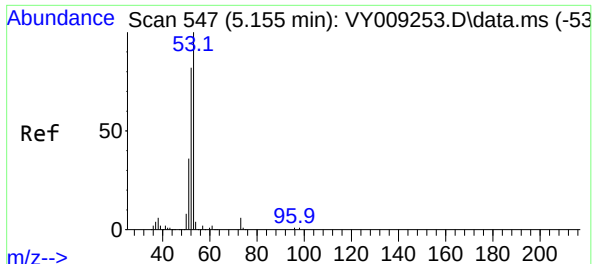
Tgt Ion: 56 Resp: 866
Ion Ratio Lower Upper
56 100
55 72.1 57.6 86.4



#14
Allyl chloride
Concen: 4.25 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 41 Resp: 10734
Ion Ratio Lower Upper
41 100
39 66.9 58.8 88.2
76 33.5 25.1 37.7





#15

Acrylonitrile

Concen: 21.49 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

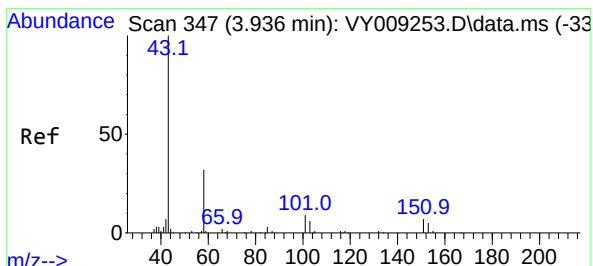
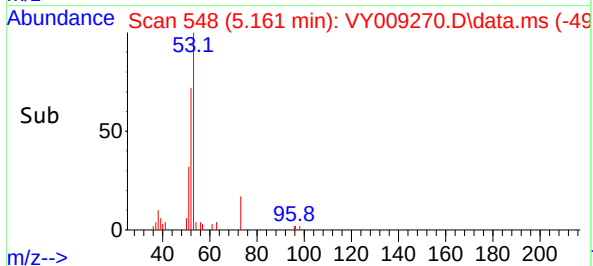
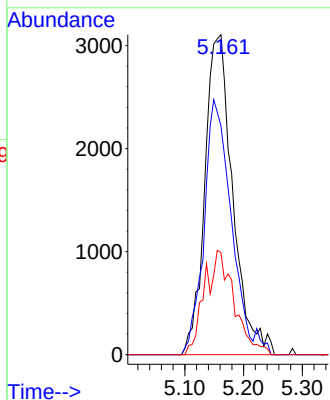
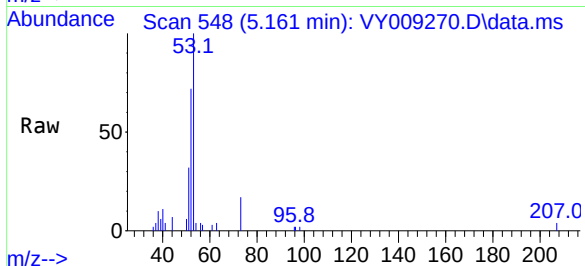
Tgt Ion: 53 Resp: 10243

Ion Ratio Lower Upper

53 100

52 76.5 67.0 100.4

51 34.7 29.8 44.6



#16

Acetone

Concen: 24.83 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY009270.D

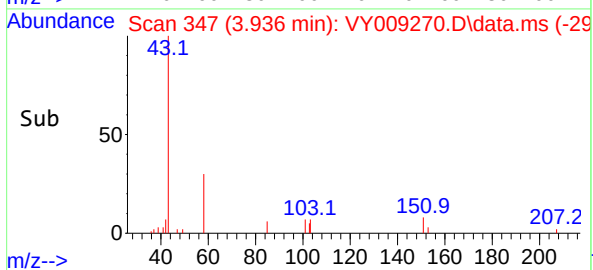
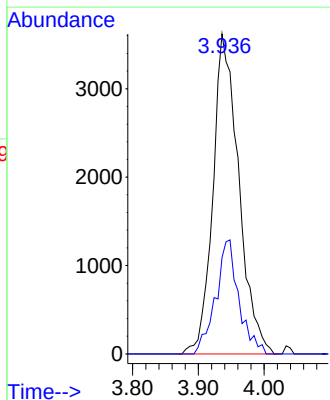
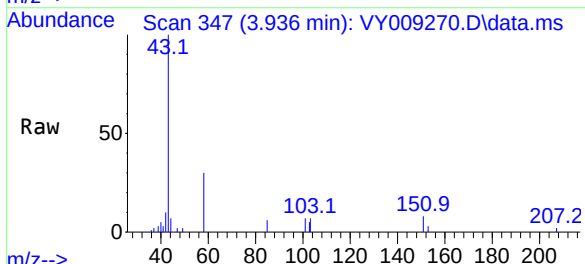
Acq: 22 Jun 2022 13:36

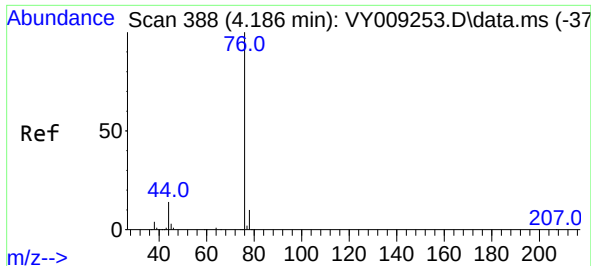
Tgt Ion: 43 Resp: 9892

Ion Ratio Lower Upper

43 100

58 30.2 22.0 33.0

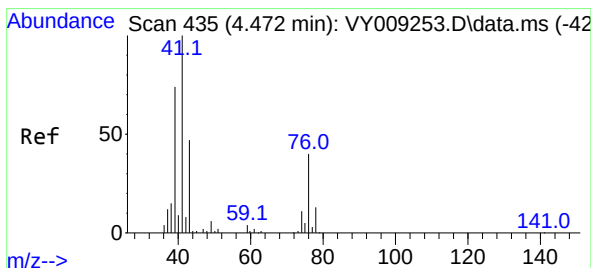
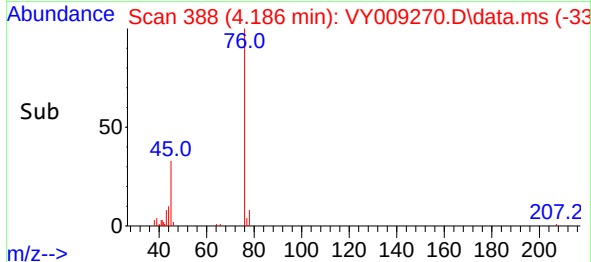
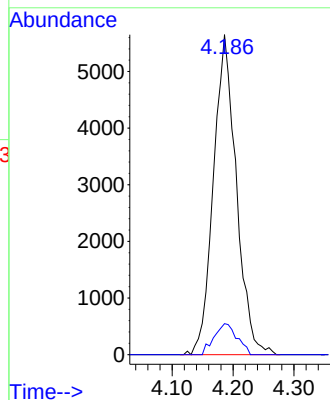
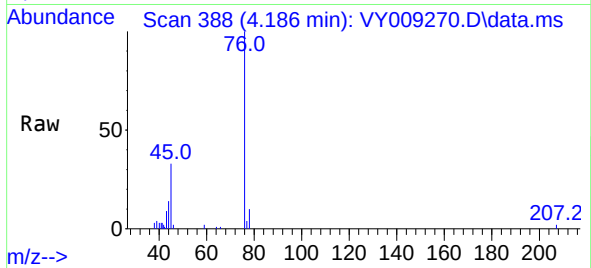




#17
Carbon Disulfide
Concen: 3.78 ug/l
RT: 4.186 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

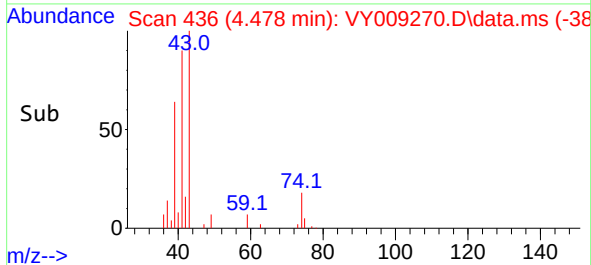
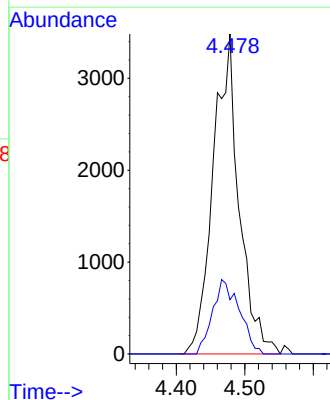
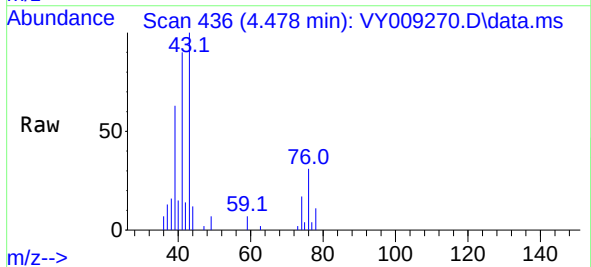
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

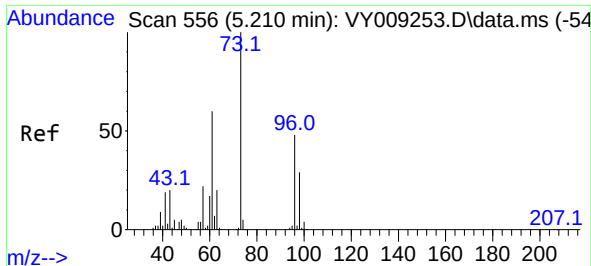
Tgt Ion: 76 Resp: 14758
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#18
Methyl Acetate
Concen: 6.69 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 43 Resp: 9150
Ion Ratio Lower Upper
43 100
74 24.1 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 4.20 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

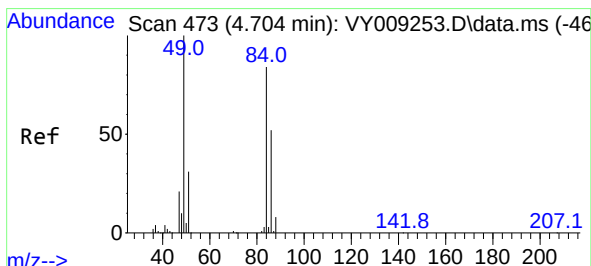
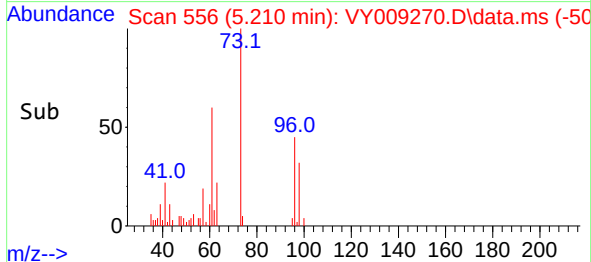
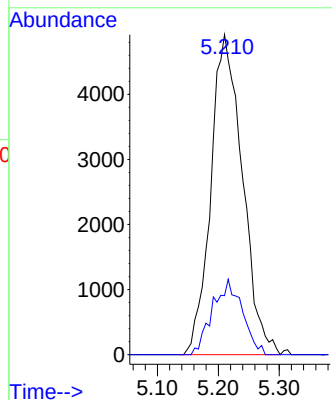
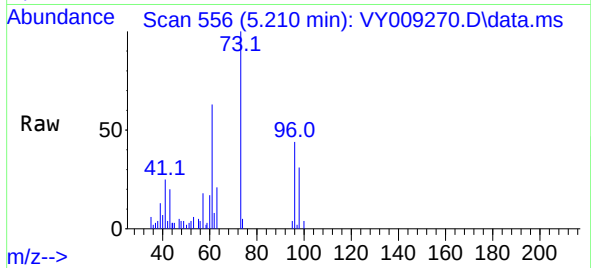
MDL-SOIL-03-QT2-2022

Tgt Ion: 73 Resp: 17741

Ion Ratio Lower Upper

73 100

57 18.5 18.6 27.8#



#20

Methylene Chloride

Concen: 6.23 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Tgt Ion: 84 Resp: 16422

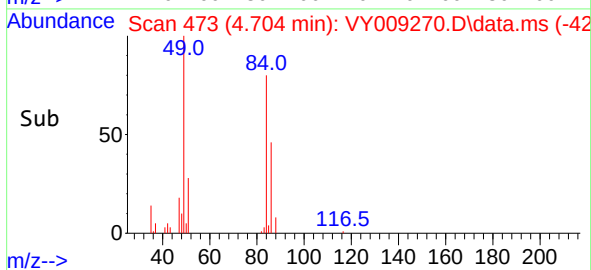
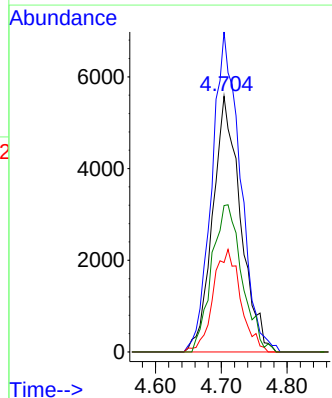
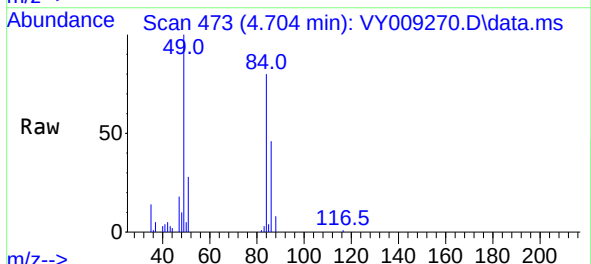
Ion Ratio Lower Upper

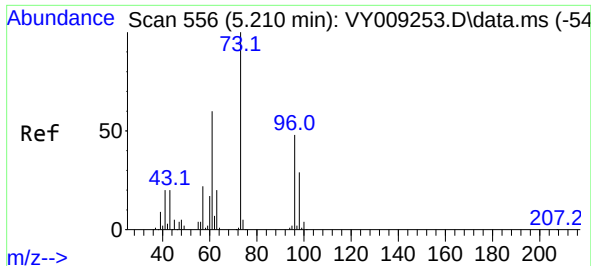
84 100

49 125.2 114.4 171.6

51 35.0 35.3 52.9#

86 57.3 53.7 80.5

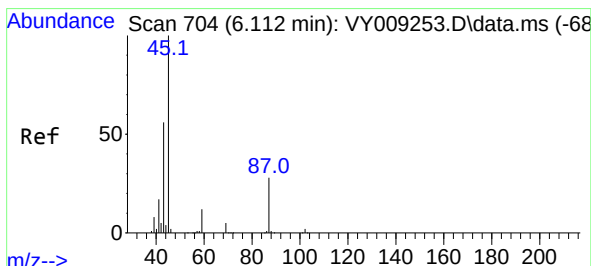
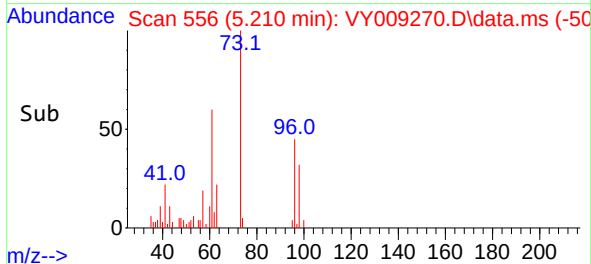
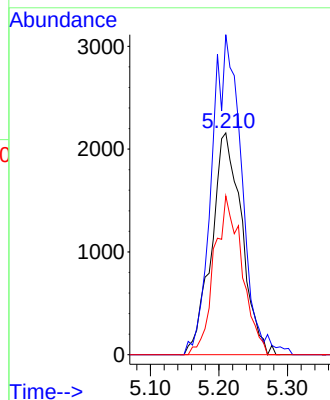
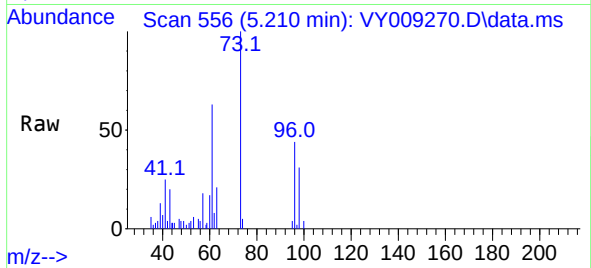




#21
trans-1,2-Dichloroethene
Concen: 3.96 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

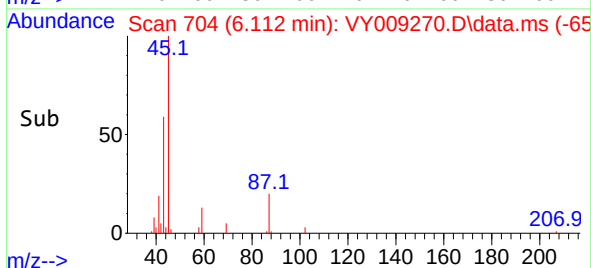
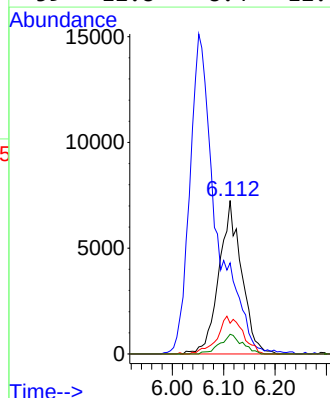
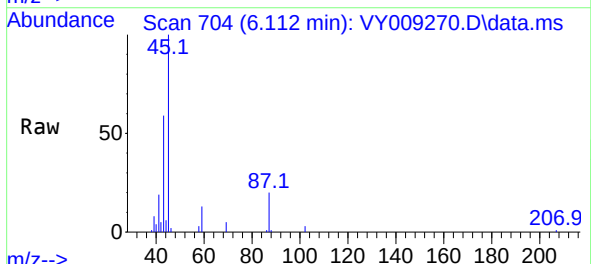
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

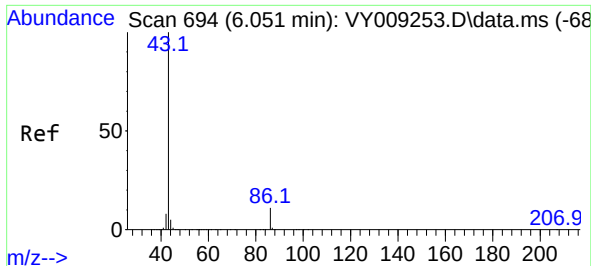
Tgt Ion: 96 Resp: 6602
Ion Ratio Lower Upper
96 100
61 144.3 120.5 180.7
98 71.6 49.8 74.8



#22
Diisopropyl ether
Concen: 4.17 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 45 Resp: 22138
Ion Ratio Lower Upper
45 100
43 57.8 49.3 73.9
87 20.0 19.2 28.8
59 12.8 8.4 12.6#

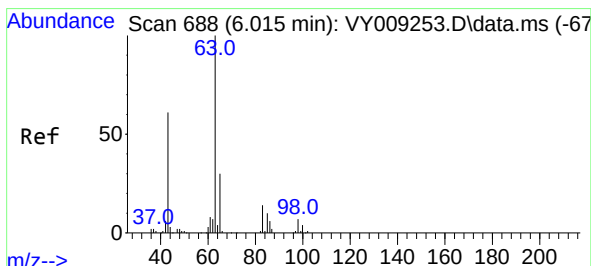
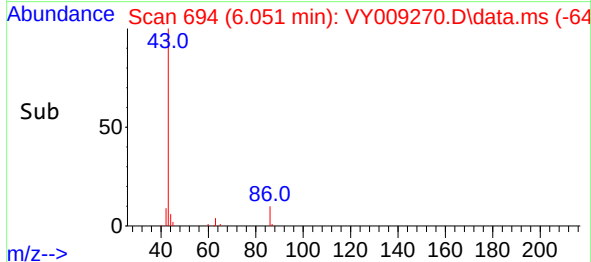
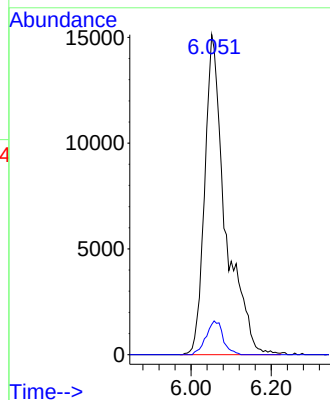
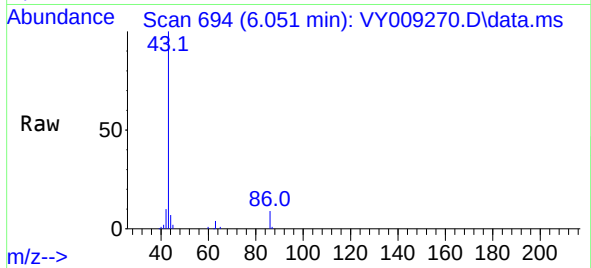




#23
 Vinyl Acetate
 Concen: 16.73 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009270.D
 Acq: 22 Jun 2022 13:36

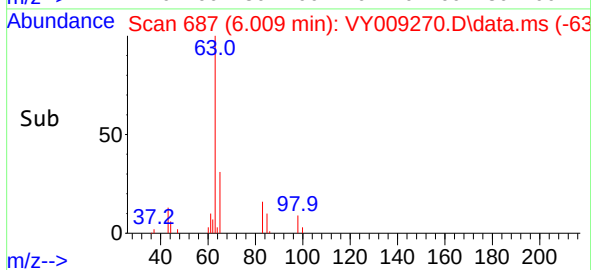
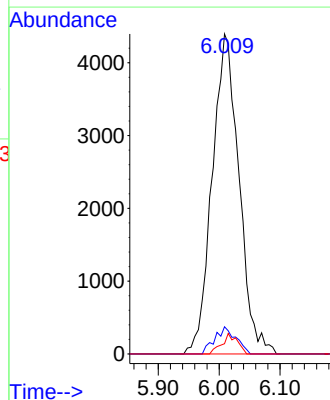
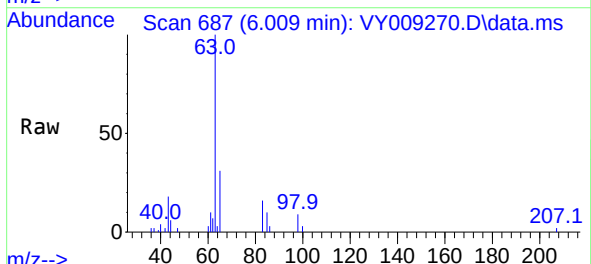
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

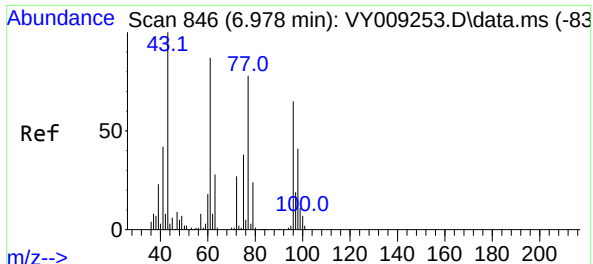
Tgt Ion: 43 Resp: 54555
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 4.47 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009270.D
 Acq: 22 Jun 2022 13:36

Tgt Ion: 63 Resp: 13452
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.8
 100 3.2 2.0 5.8





#25

2-Butanone

Concen: 23.05 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

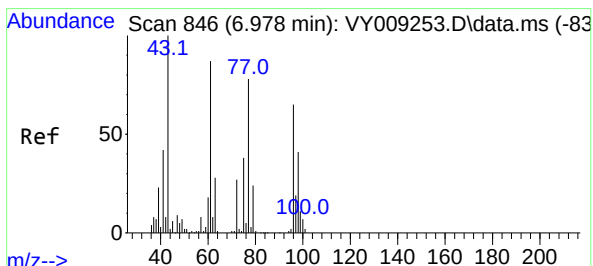
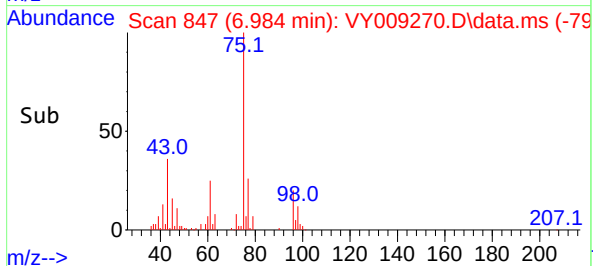
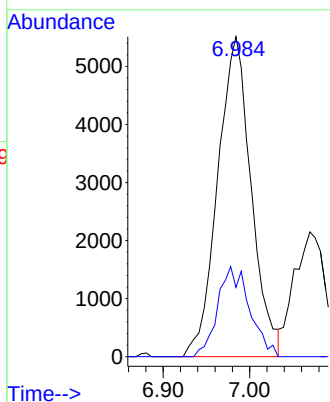
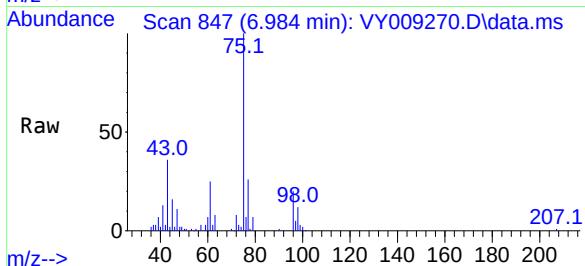
MDL-SOIL-03-QT2-2022

Tgt Ion: 43 Resp: 14829

Ion Ratio Lower Upper

43 100

72 21.7 17.7 26.5



#26

2,2-Dichloropropane

Concen: 4.76 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009270.D

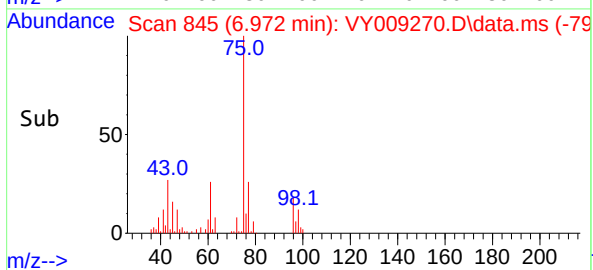
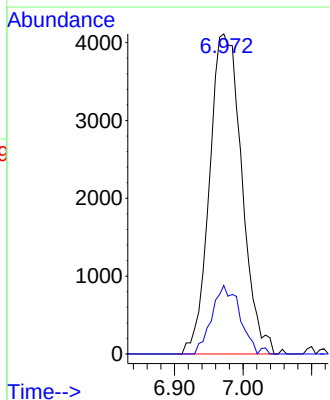
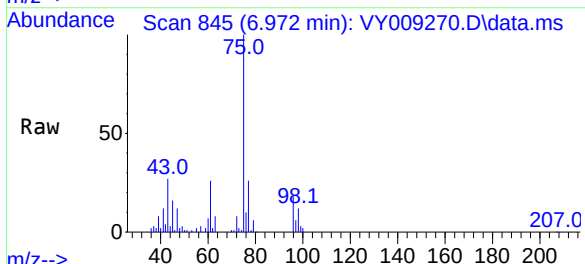
Acq: 22 Jun 2022 13:36

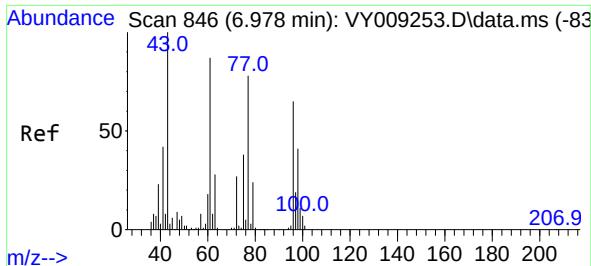
Tgt Ion: 77 Resp: 13442

Ion Ratio Lower Upper

77 100

97 18.8 10.4 31.4

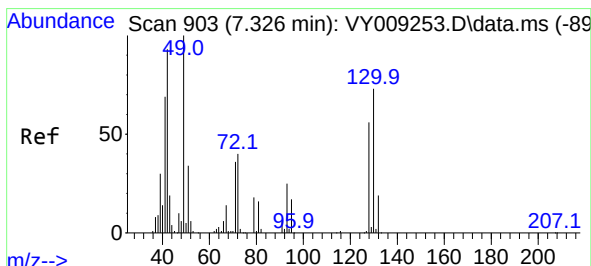
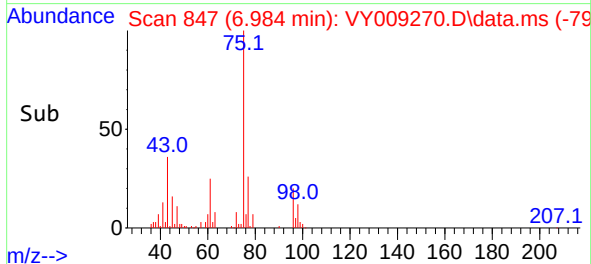
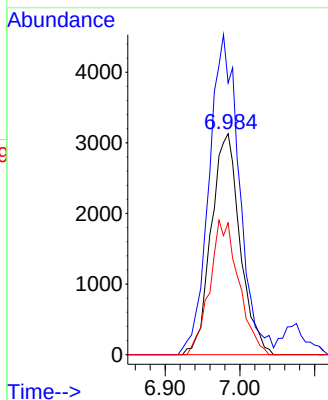
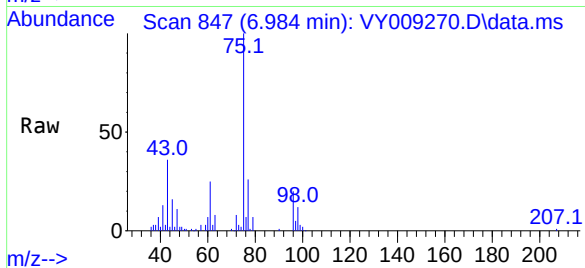




#27
cis-1,2-Dichloroethene
Concen: 4.30 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

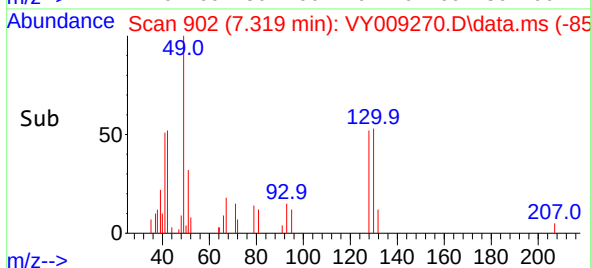
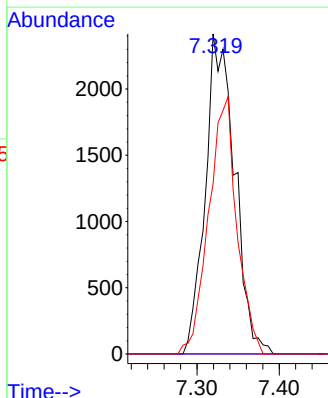
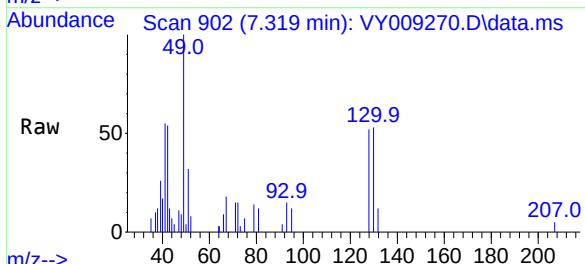
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

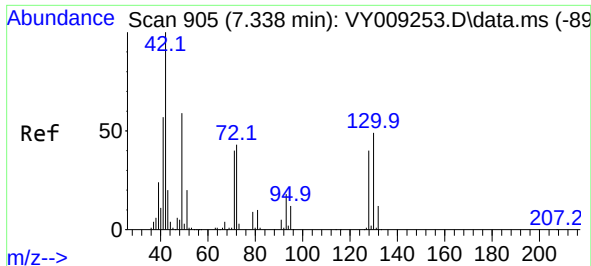
Tgt Ion: 96 Resp: 8400
Ion Ratio Lower Upper
96 100
61 152.0 0.0 319.8
98 61.2 0.0 127.0



#28
Bromochloromethane
Concen: 4.62 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.007 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 49 Resp: 5992
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 77.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 22.79 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

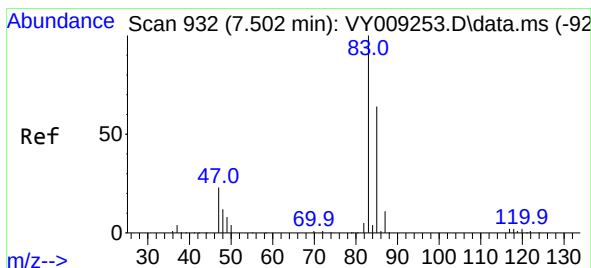
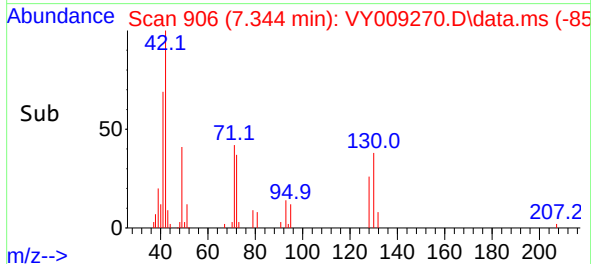
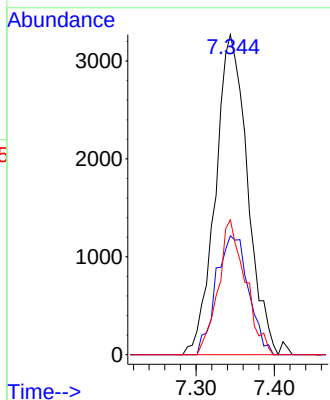
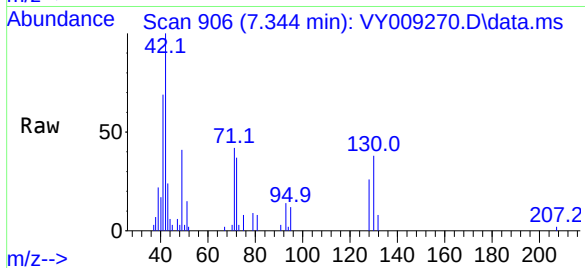
Tgt Ion: 42 Resp: 9285

Ion Ratio Lower Upper

42 100

72 37.6 30.3 45.5

71 35.8 29.0 43.4



#30

Chloroform

Concen: 4.42 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY009270.D

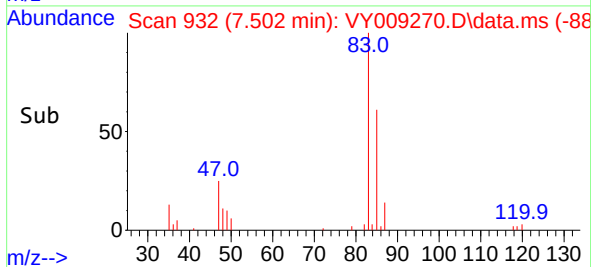
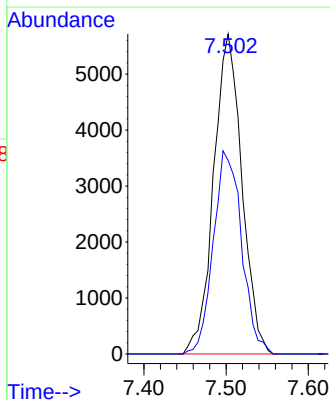
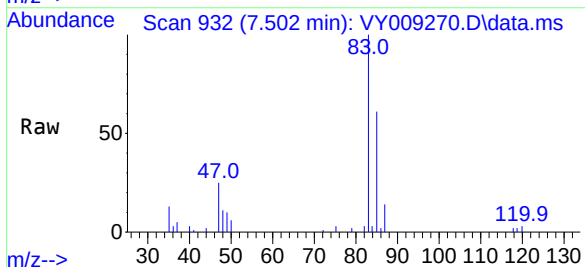
Acq: 22 Jun 2022 13:36

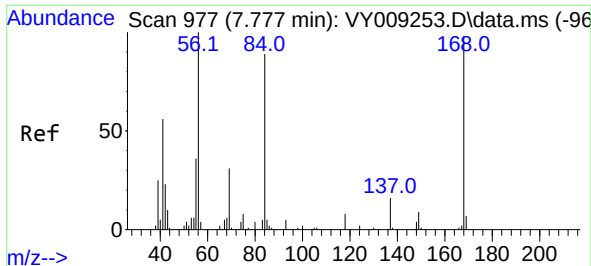
Tgt Ion: 83 Resp: 13664

Ion Ratio Lower Upper

83 100

85 60.5 51.8 77.6

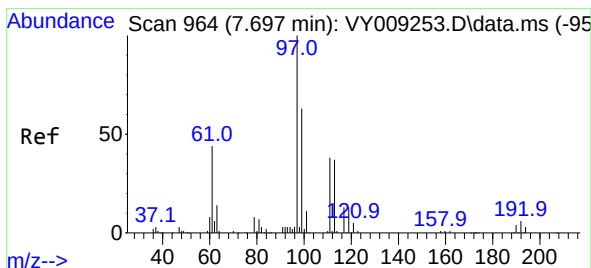
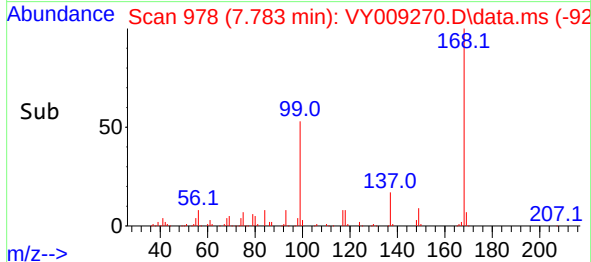
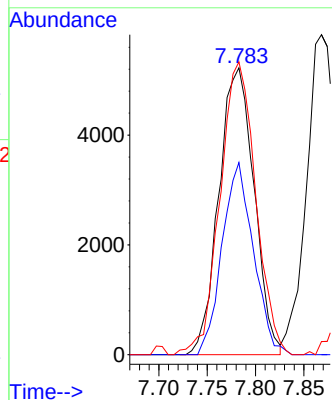
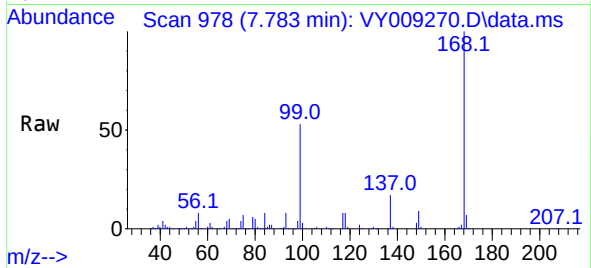




#31
Cyclohexane
Concen: 4.73 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

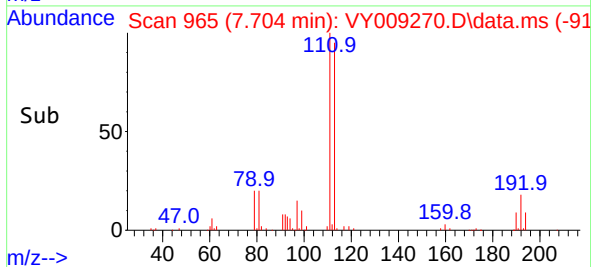
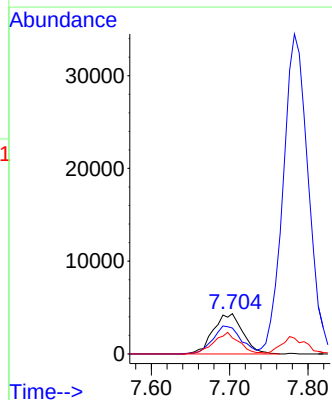
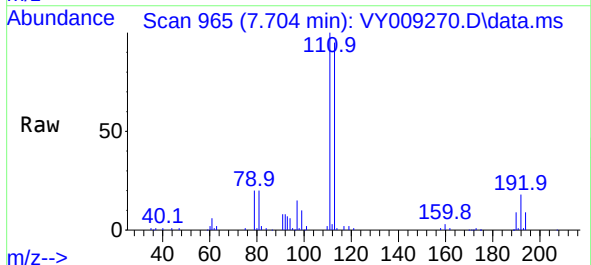
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

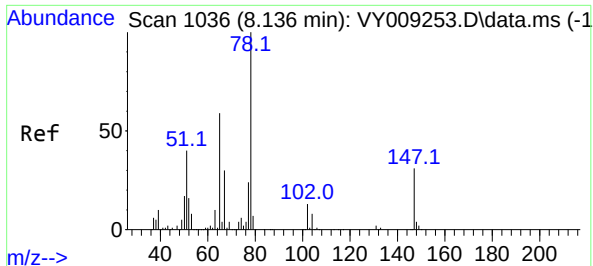
Tgt Ion: 56 Resp: 13240
Ion Ratio Lower Upper
56 100
69 66.9 26.7 40.1#
84 100.4 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 4.22 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 97 Resp: 11396
Ion Ratio Lower Upper
97 100
99 66.0 50.7 76.1
61 46.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.86 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

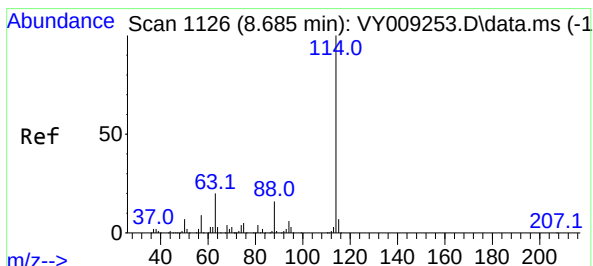
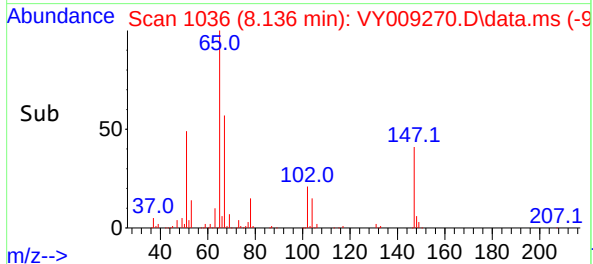
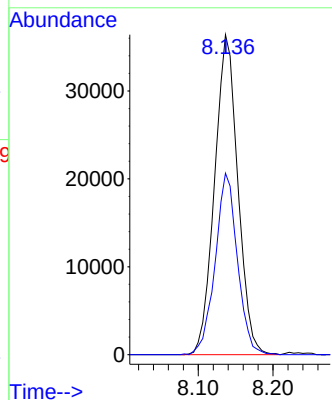
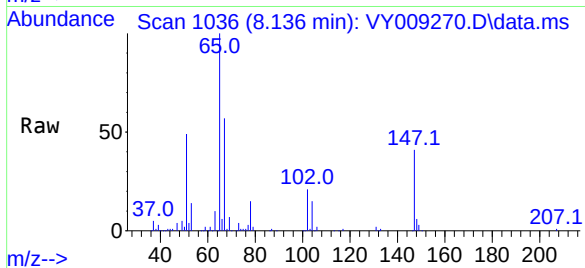
MDL-SOIL-03-QT2-2022

Tgt Ion: 65 Resp: 78794

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

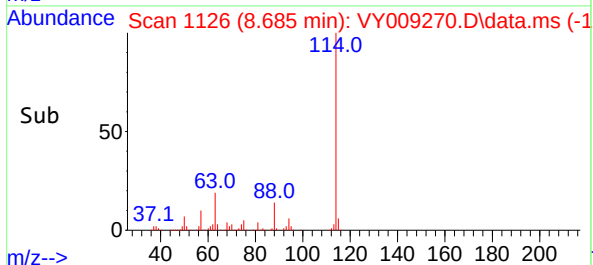
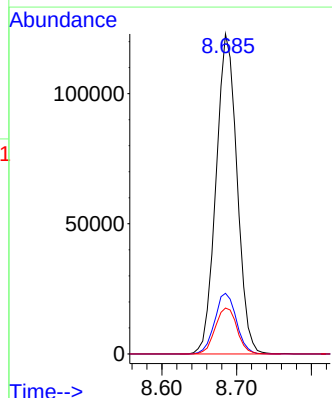
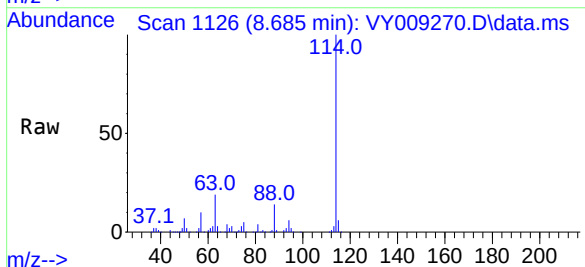
Tgt Ion: 114 Resp: 240000

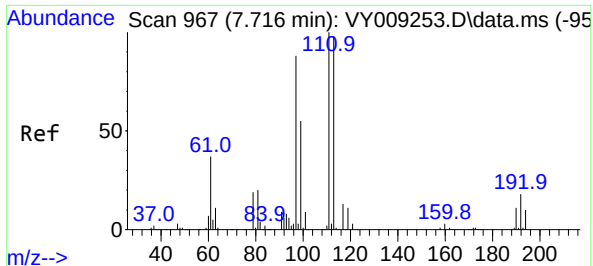
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.4 0.0 31.8

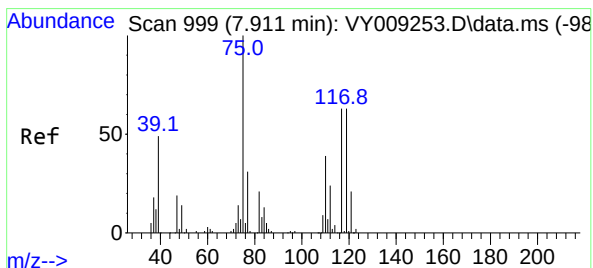
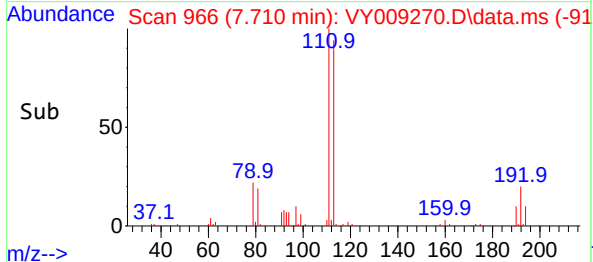
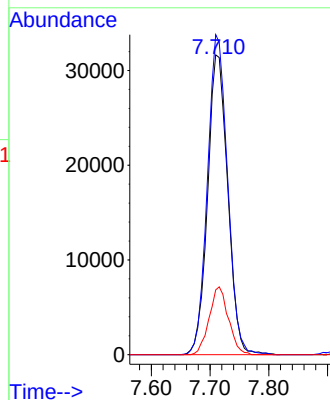
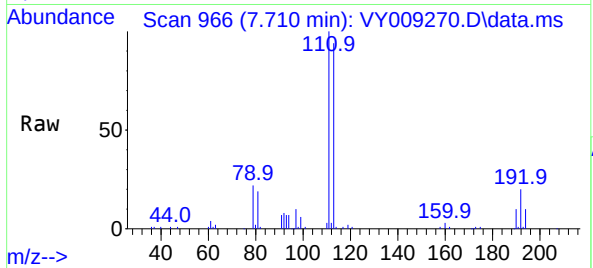




#35
Dibromofluoromethane
Concen: 48.60 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

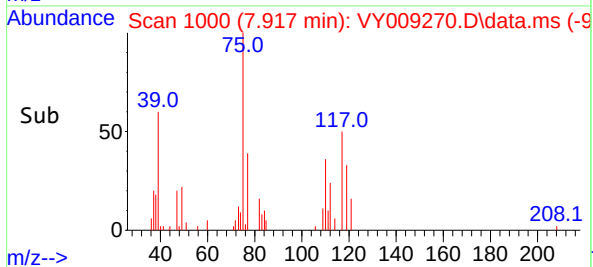
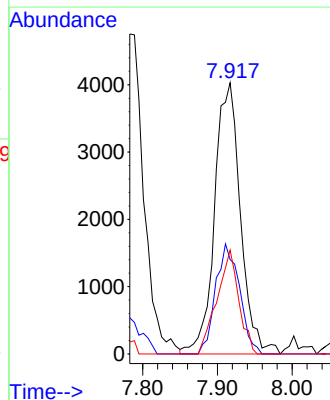
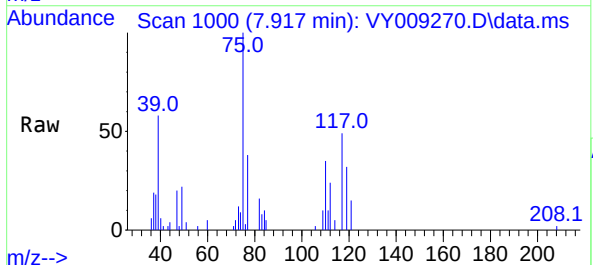
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

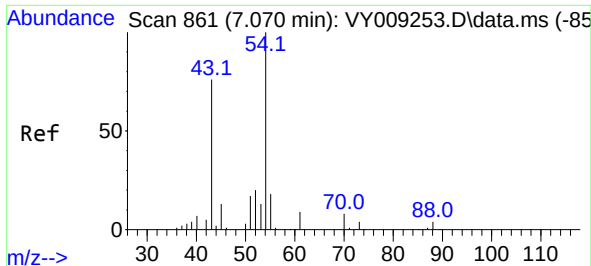
Tgt Ion:113 Resp: 75537
Ion Ratio Lower Upper
113 100
111 106.5 82.6 124.0
192 21.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.10 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 75 Resp: 9690
Ion Ratio Lower Upper
75 100
110 37.3 17.1 51.2
77 32.2 24.4 36.6





#37

Ethyl Acetate

Concen: 4.35 ug/l

RT: 7.069 min Scan# 8

Delta R.T. -0.001 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

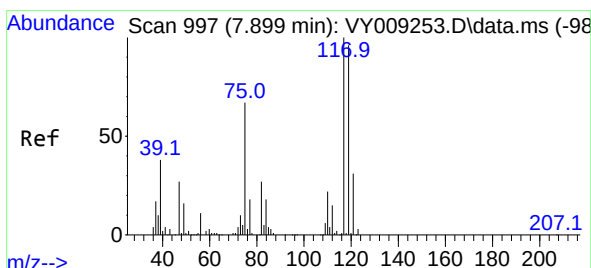
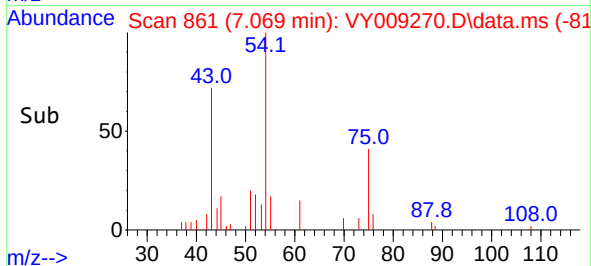
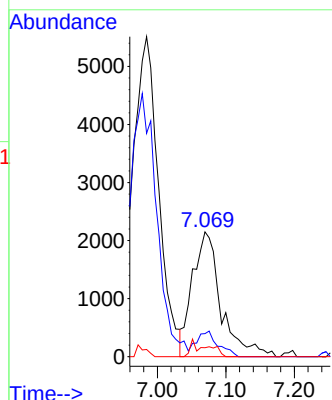
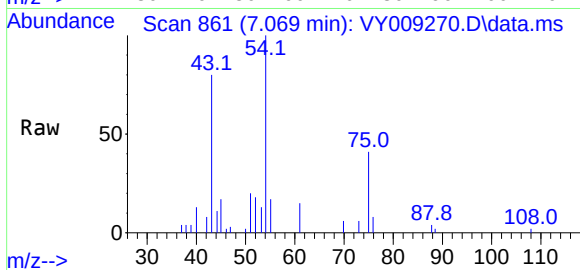
Tgt Ion: 43 Resp: 6228

Ion Ratio Lower Upper

43 100

61 15.5 9.7 14.5#

70 3.2 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.05 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

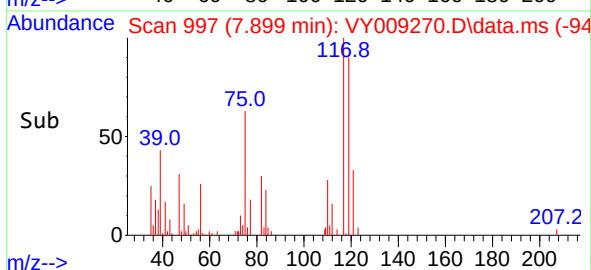
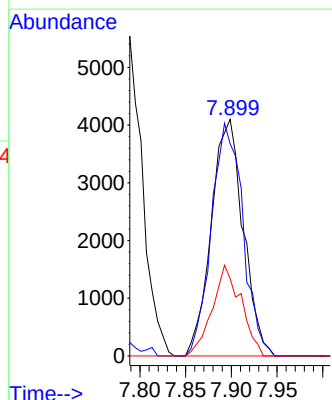
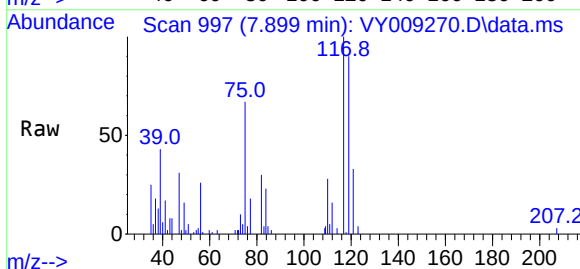
Tgt Ion: 117 Resp: 9966

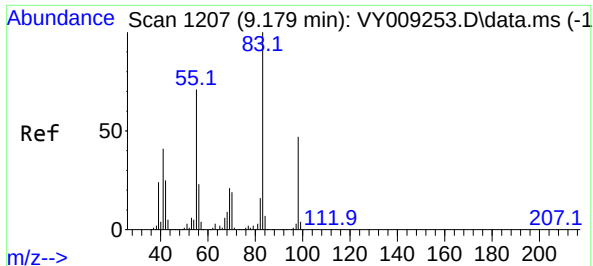
Ion Ratio Lower Upper

117 100

119 89.7 77.9 116.9

121 32.7 24.8 37.2





#39

Methylcyclohexane

Concen: 4.02 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

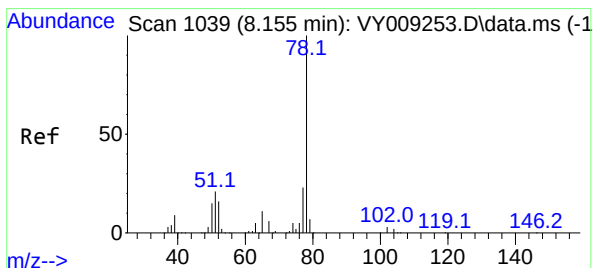
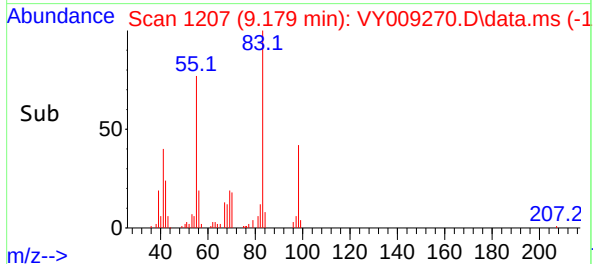
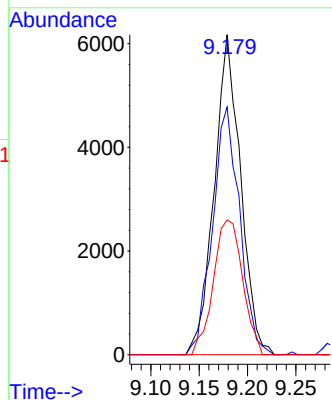
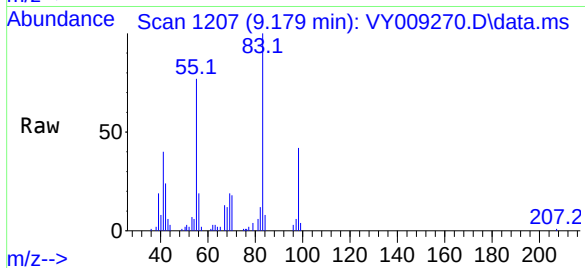
Tgt Ion: 83 Resp: 11681

Ion Ratio Lower Upper

83 100

55 77.3 66.5 99.7

98 42.1 37.9 56.9



#40

Benzene

Concen: 4.18 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009270.D

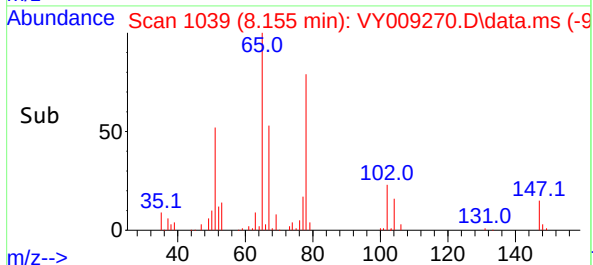
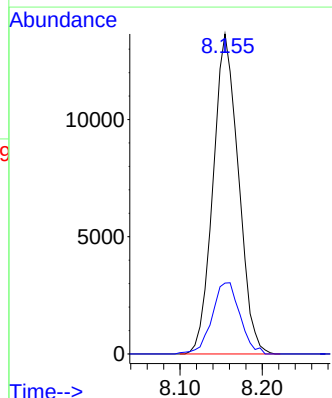
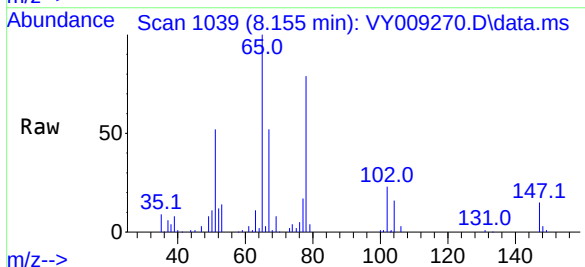
Acq: 22 Jun 2022 13:36

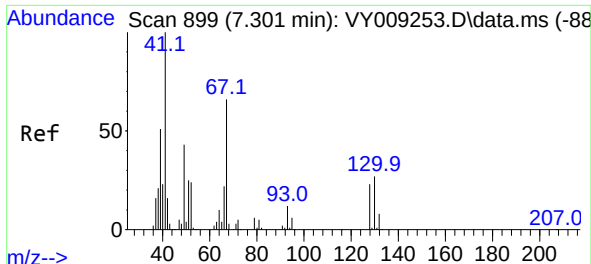
Tgt Ion: 78 Resp: 29275

Ion Ratio Lower Upper

78 100

77 22.2 20.4 30.6



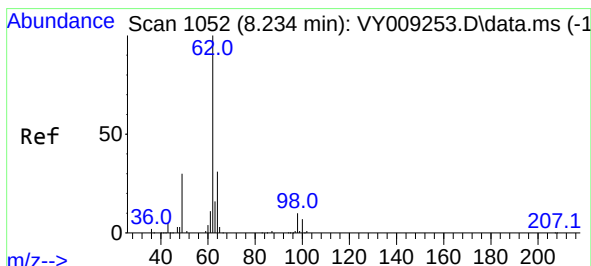
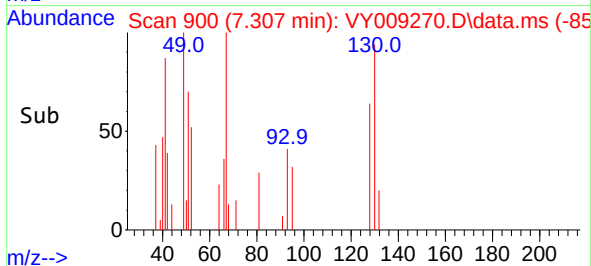
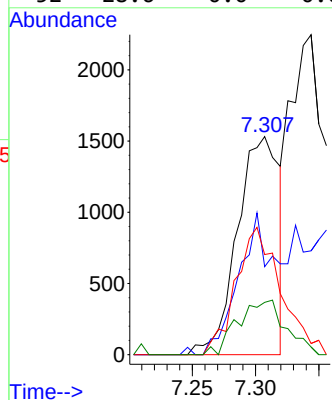
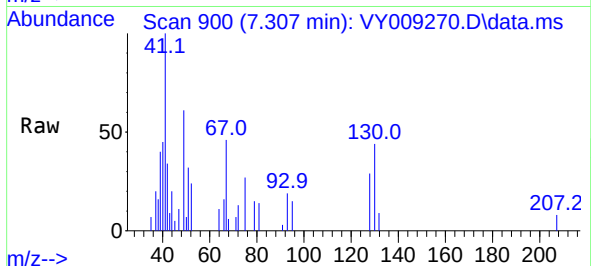


#41
Methacrylonitrile
Concen: 4.45 ug/l
RT: 7.307 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion: 41 Resp: 3533

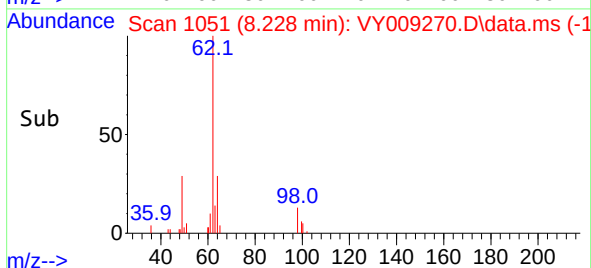
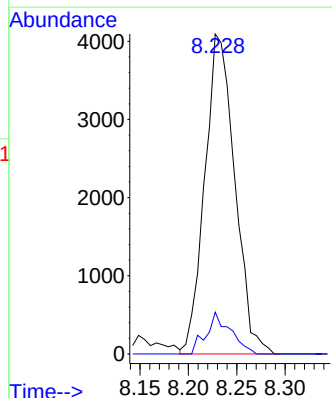
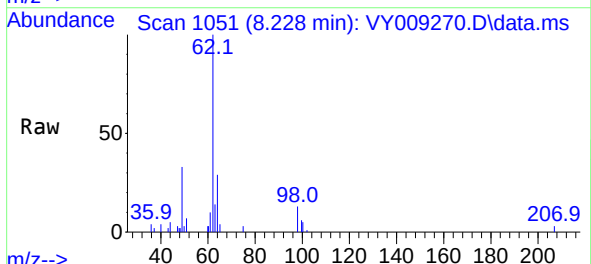
Ion	Ratio	Lower	Upper
41	100		
39	54.0	92.9	139.3#
67	62.6	0.0	0.0#
52	28.6	0.0	0.0#

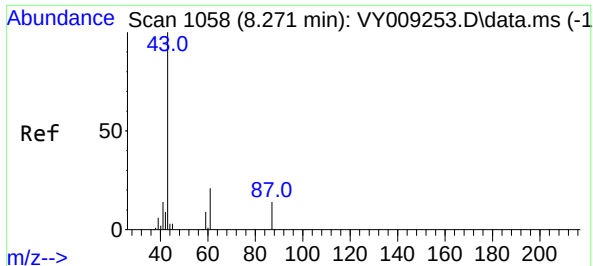


#42
1,2-Dichloroethane
Concen: 4.41 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 62 Resp: 8848

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	14.8





#43

Isopropyl Acetate

Concen: 4.22 ug/l

RT: 8.264 min Scan# 11074

Delta R.T. -0.007 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

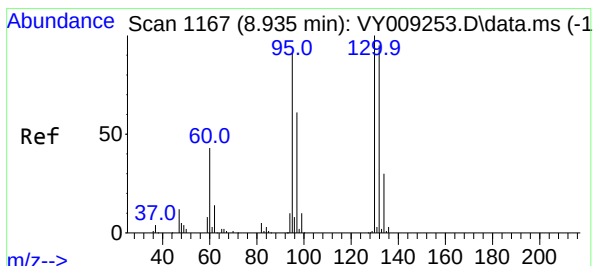
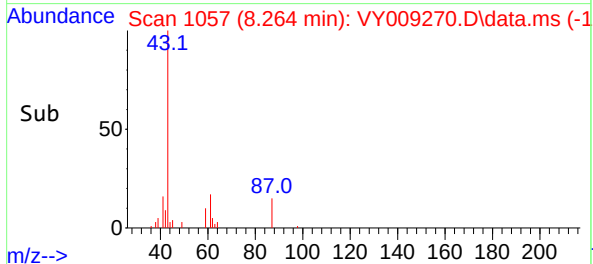
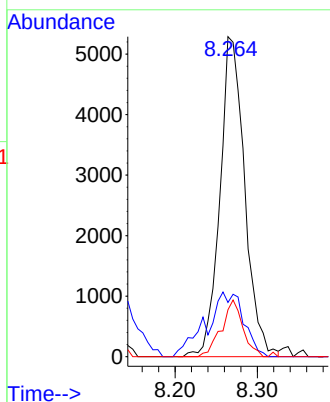
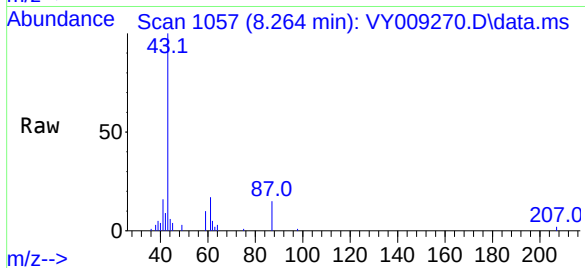
Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion:	43	Resp:	11074
Ion	Ratio	Lower	Upper
43	100		
61	30.5	20.2	30.2#
87	15.3	8.9	13.3#



#44

Trichloroethene

Concen: 4.27 ug/l

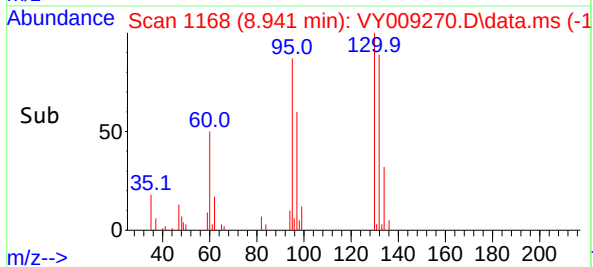
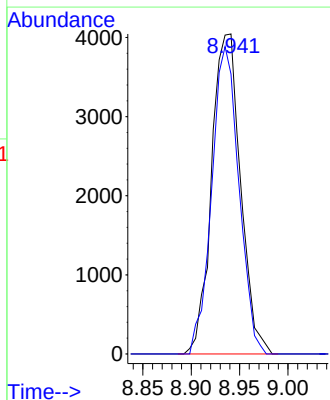
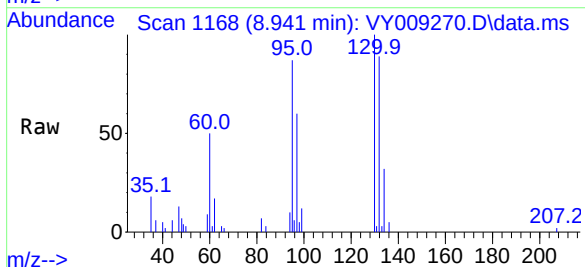
RT: 8.941 min Scan# 1168

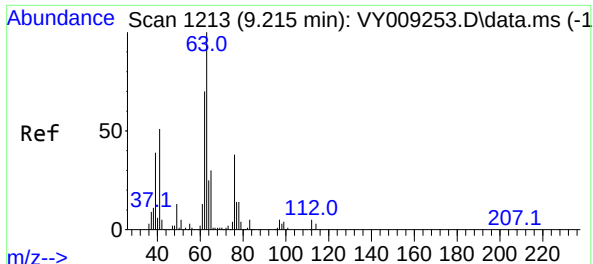
Delta R.T. 0.006 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Tgt Ion:	130	Resp:	8417
Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	188.2





#45

1,2-Dichloropropane

Concen: 4.16 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

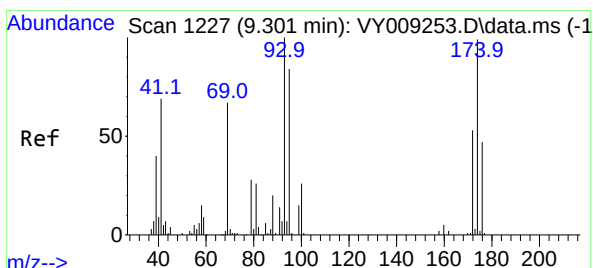
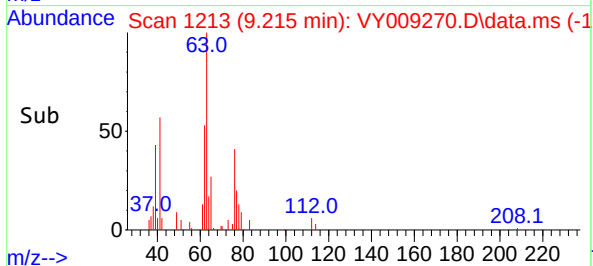
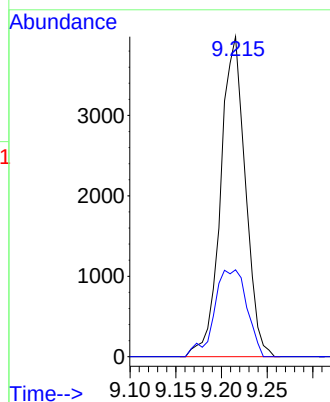
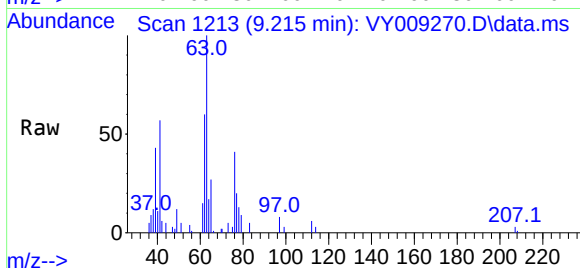
MDL-SOIL-03-QT2-2022

Tgt Ion: 63 Resp: 7502

Ion Ratio Lower Upper

63 100

65 27.1 23.0 34.6



#46

Dibromomethane

Concen: 4.00 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

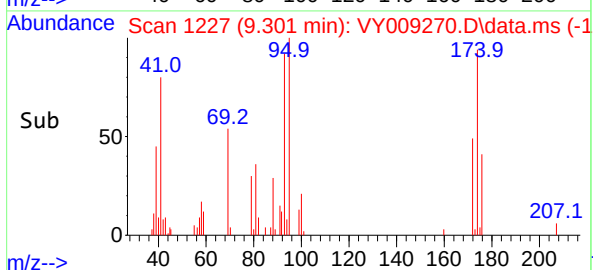
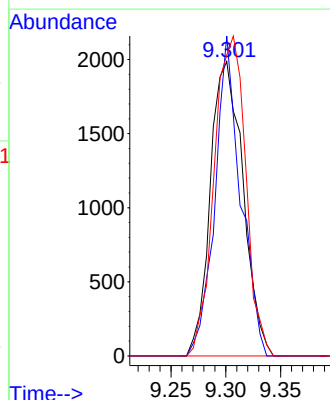
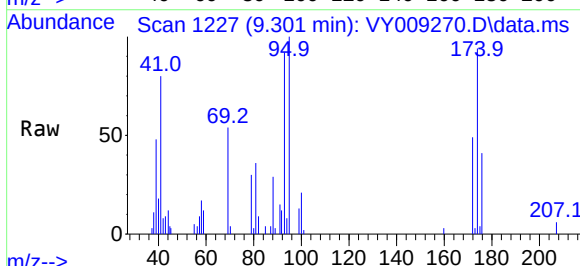
Tgt Ion: 93 Resp: 4102

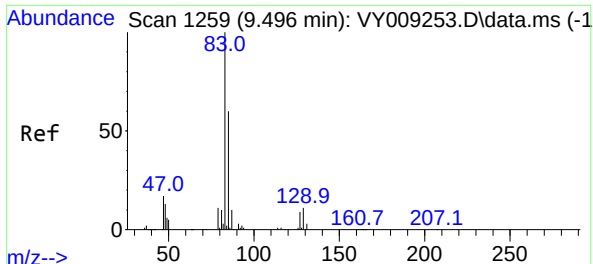
Ion Ratio Lower Upper

93 100

95 85.6 64.3 96.5

174 105.0 83.4 125.0





#47

Bromodichloromethane

Concen: 4.17 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

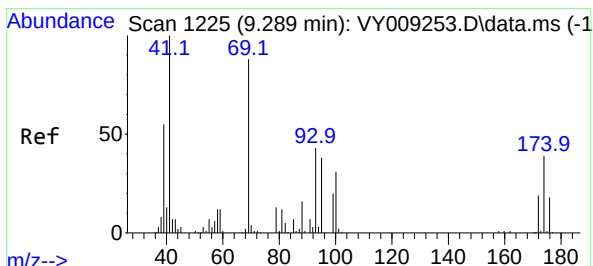
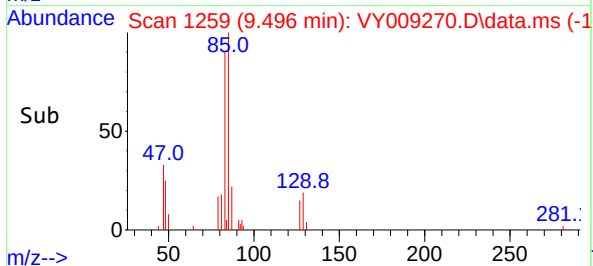
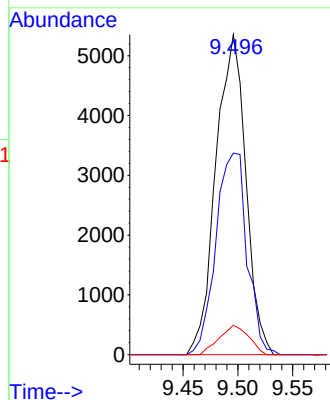
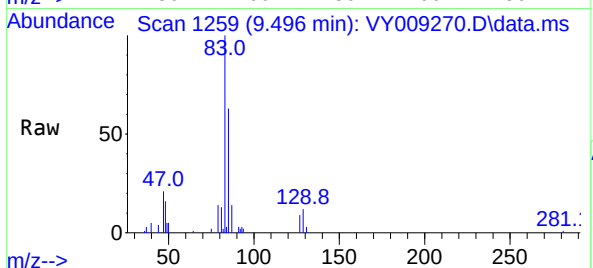
Tgt Ion: 83 Resp: 10163

Ion Ratio Lower Upper

83 100

85 63.0 51.9 77.9

127 9.2 6.6 10.0



#48

Methyl methacrylate

Concen: 4.18 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

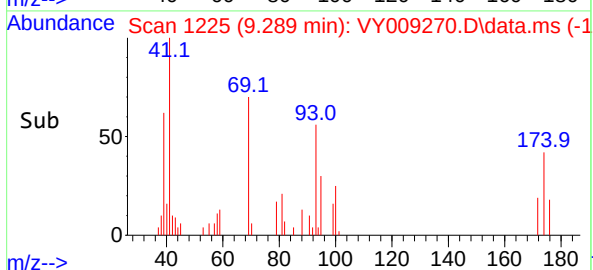
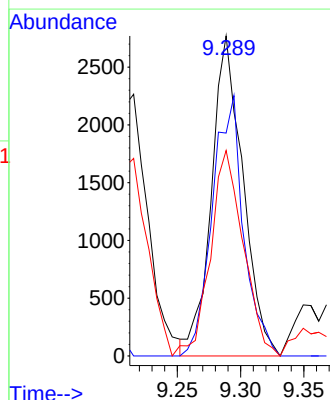
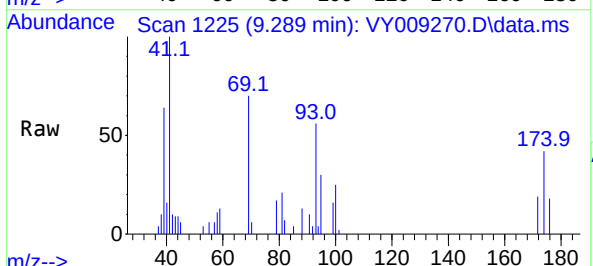
Tgt Ion: 41 Resp: 4797

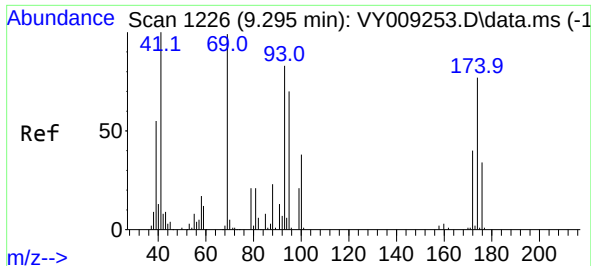
Ion Ratio Lower Upper

41 100

69 80.9 58.2 87.2

39 65.5 47.4 71.0

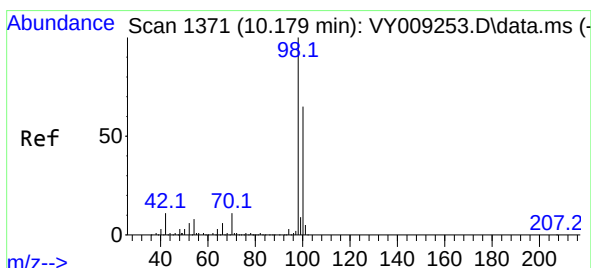
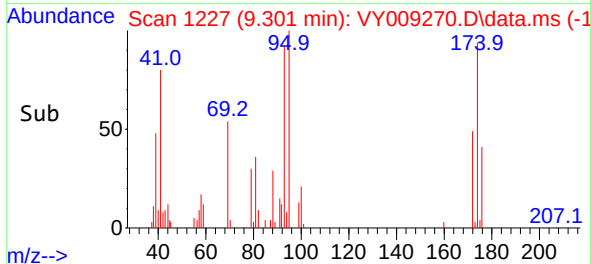
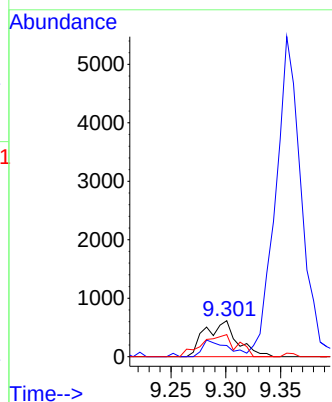
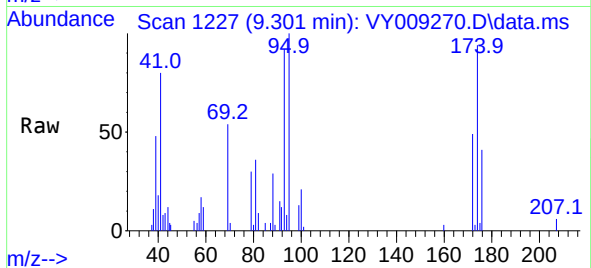




#49
1,4-Dioxane
Concen: 84.92 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

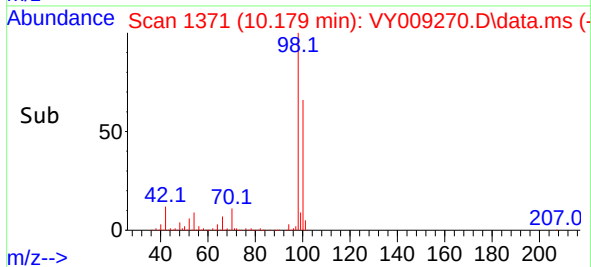
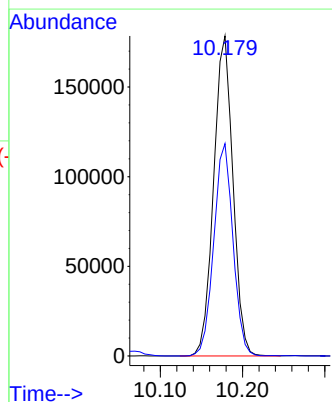
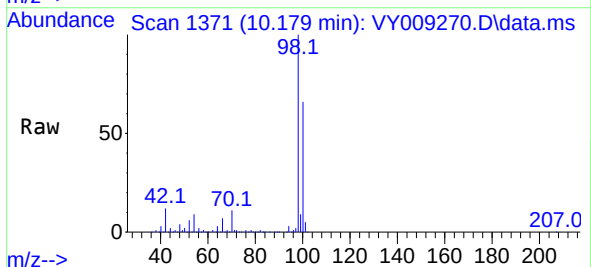
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

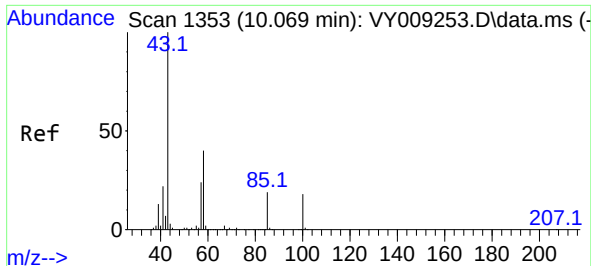
Tgt Ion: 88 Resp: 1251
Ion Ratio Lower Upper
88 100
43 36.9 32.8 49.2
58 66.3 59.8 89.6



#50
Toluene-d8
Concen: 48.69 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 98 Resp: 290733
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2

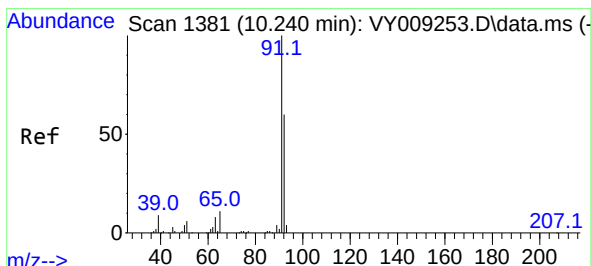
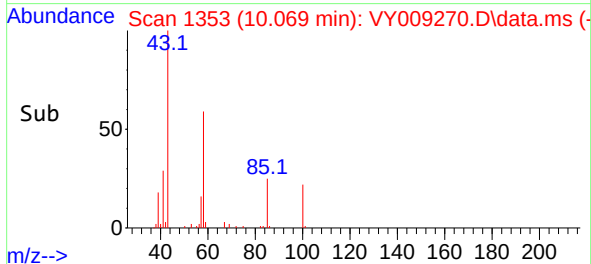
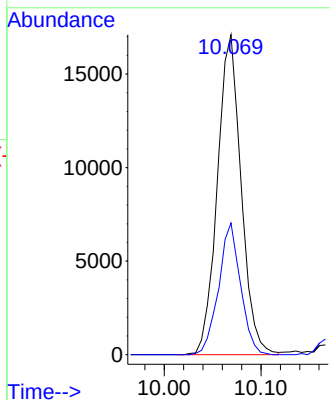
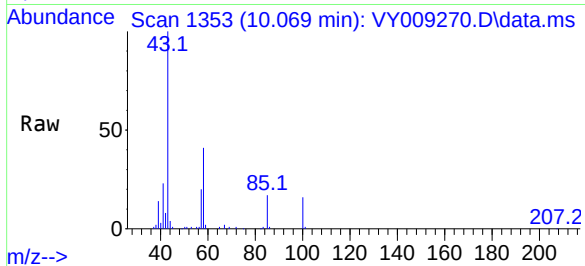




#51
4-Methyl-2-Pentanone
Concen: 21.41 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

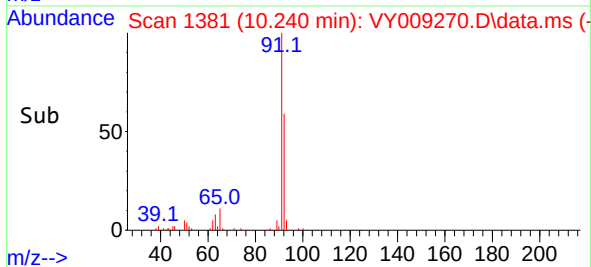
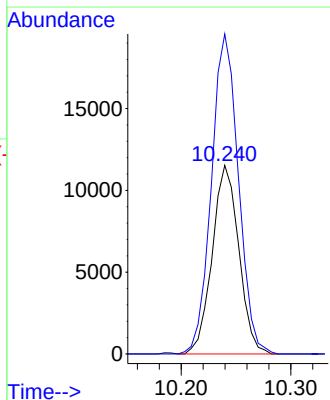
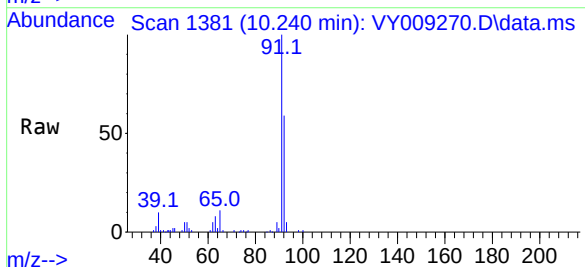
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

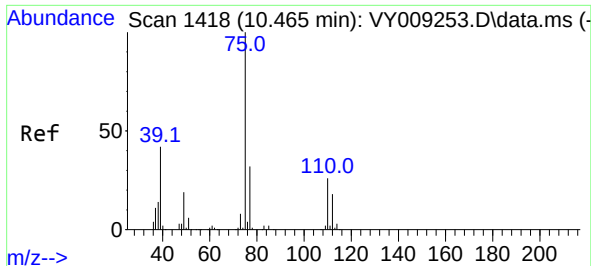
Tgt Ion: 43 Resp: 29195
Ion Ratio Lower Upper
43 100
58 37.9 28.1 42.1



#52
Toluene
Concen: 4.39 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 92 Resp: 19428
Ion Ratio Lower Upper
92 100
91 172.2 142.6 213.8

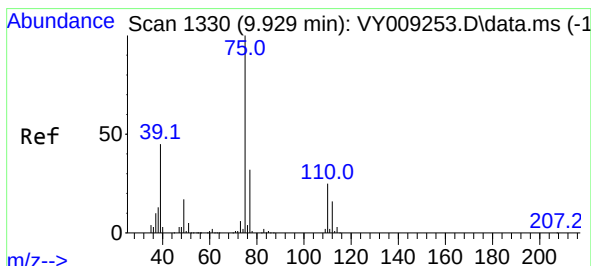
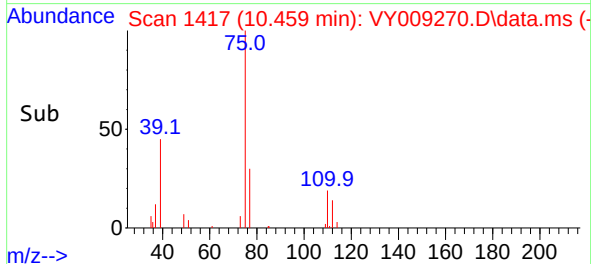
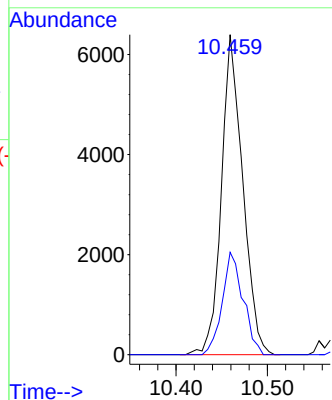
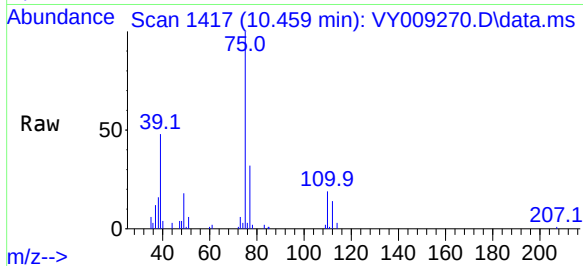




#53
t-1,3-Dichloropropene
Concen: 4.10 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

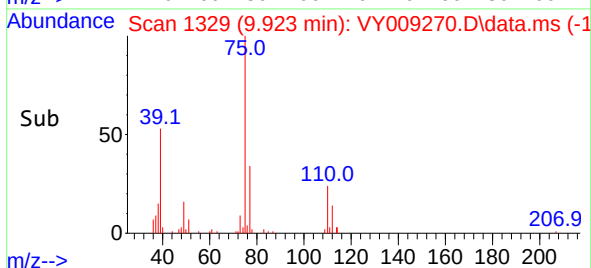
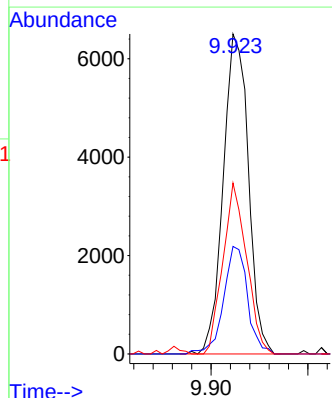
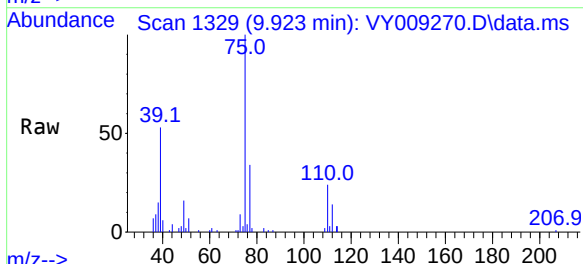
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

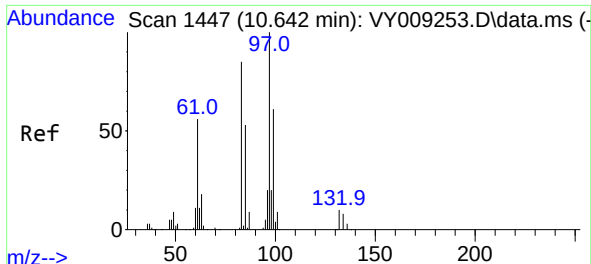
Tgt Ion: 75 Resp: 10371
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 4.08 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 75 Resp: 11744
Ion Ratio Lower Upper
75 100
77 33.6 25.6 38.4
39 53.4 47.6 71.4

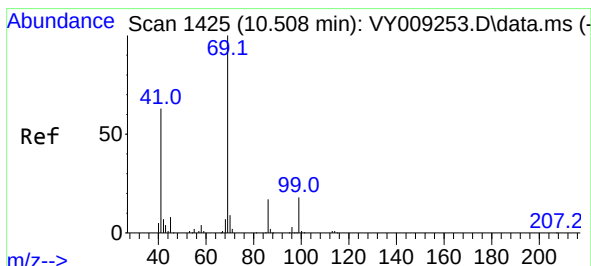
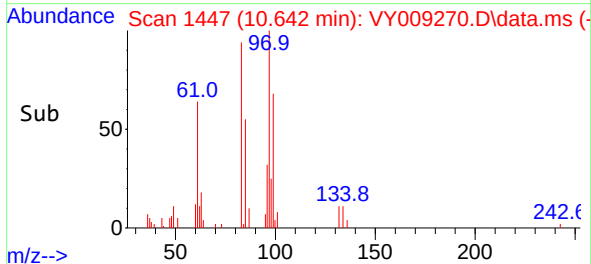
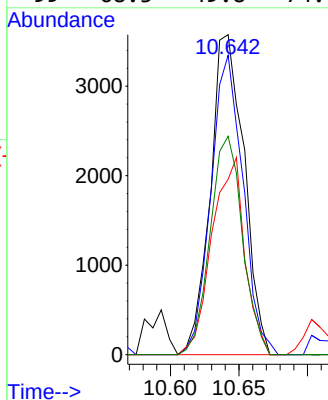
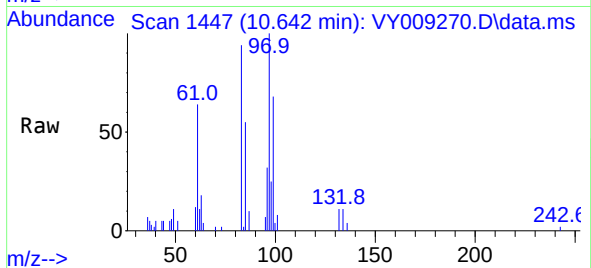




#55
1,1,2-Trichloroethane
Concen: 4.25 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

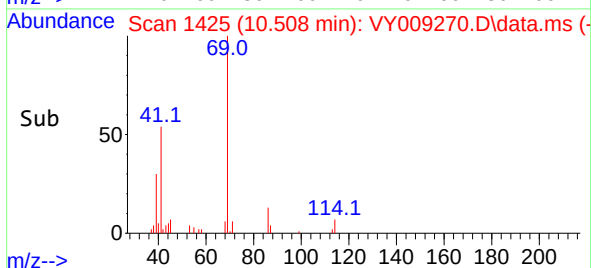
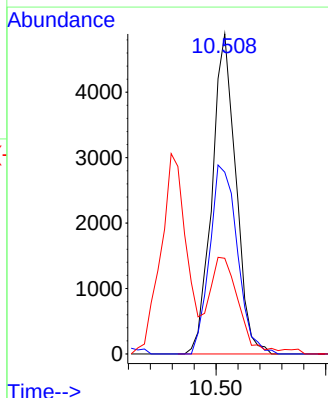
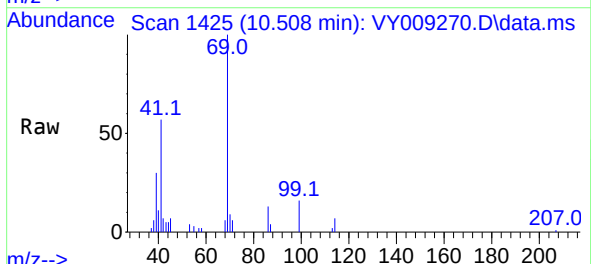
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

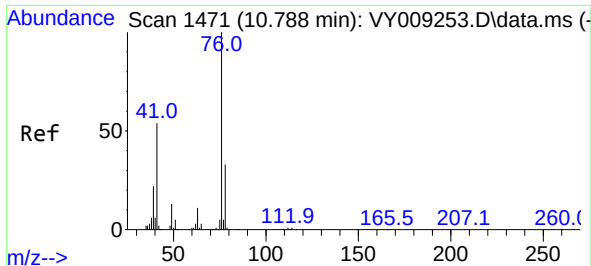
Tgt Ion: 97	Resp: 6114
Ion Ratio	Lower Upper
97 100	
83 93.6	69.8 104.8
85 54.8	44.3 66.5
99 68.3	49.8 74.6



#56
Ethyl methacrylate
Concen: 3.89 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 69	Resp: 7406
Ion Ratio	Lower Upper
69 100	
41 68.5	63.4 95.0
39 35.0	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 4.17 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

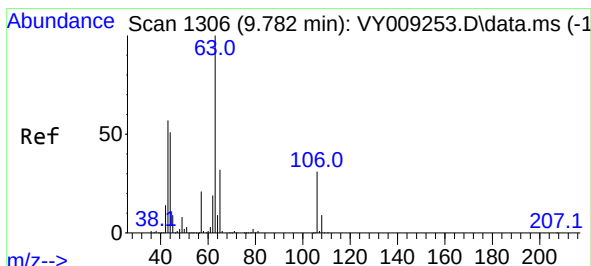
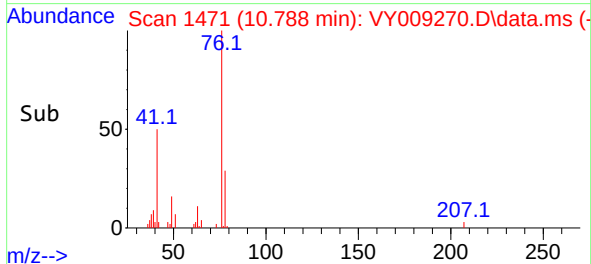
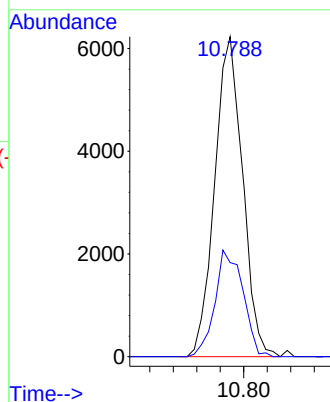
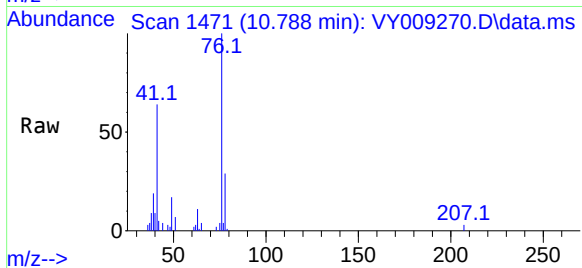
MDL-SOIL-03-QT2-2022

Tgt Ion: 76 Resp: 10272

Ion Ratio Lower Upper

76 100

78 33.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 22.70 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY009270.D

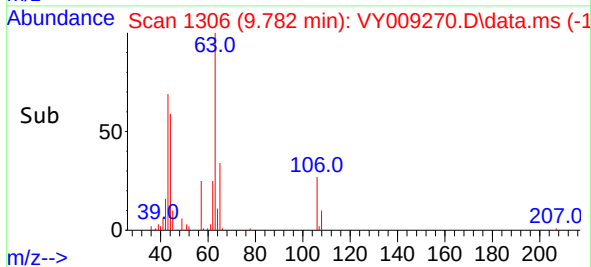
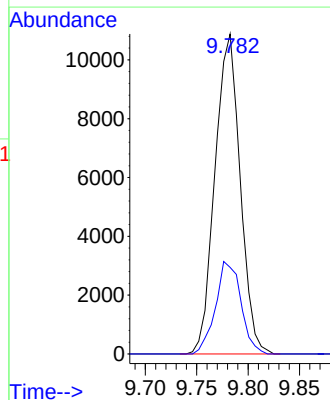
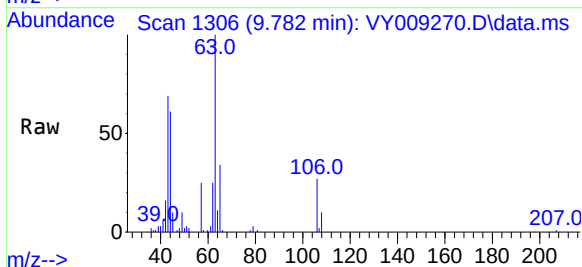
Acq: 22 Jun 2022 13:36

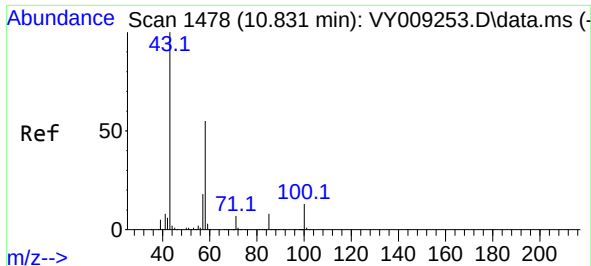
Tgt Ion: 63 Resp: 18536

Ion Ratio Lower Upper

63 100

106 29.1 21.5 32.3

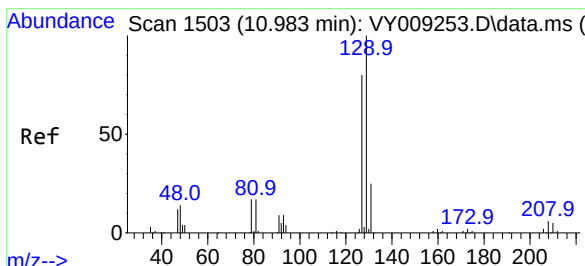
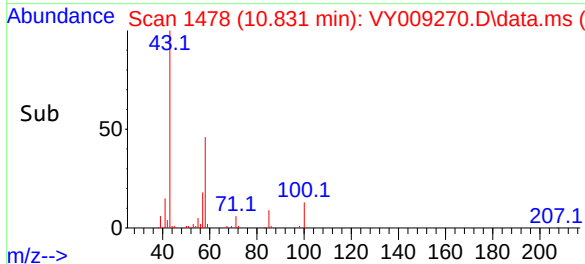
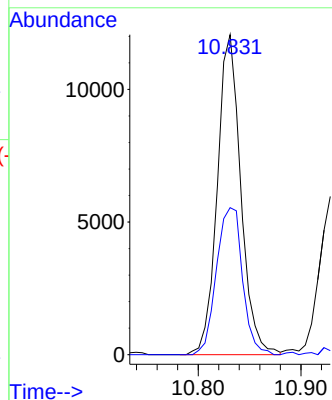
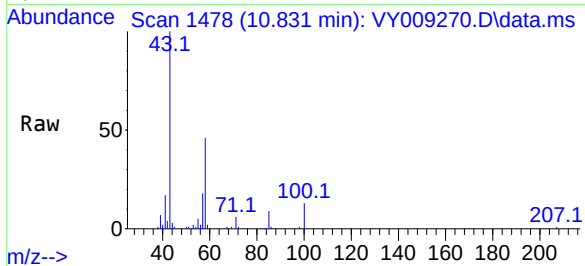




#59
2-Hexanone
Concen: 20.76 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

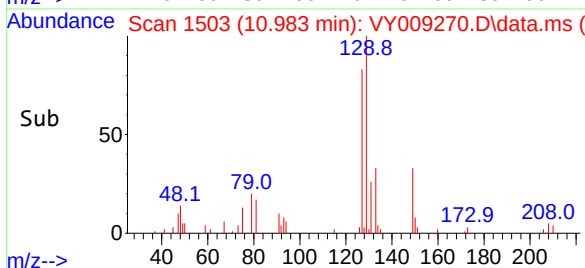
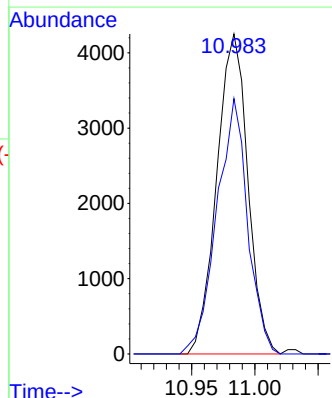
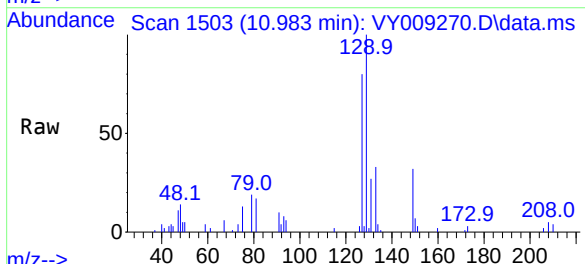
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

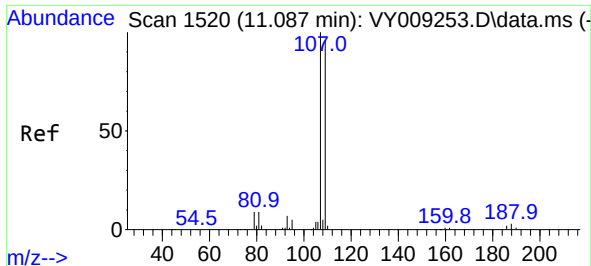
Tgt Ion: 43 Resp: 19153
Ion Ratio Lower Upper
43 100
58 50.8 24.4 73.4



#60
Dibromochloromethane
Concen: 4.14 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion:129 Resp: 7266
Ion Ratio Lower Upper
129 100
127 78.9 38.7 116.1

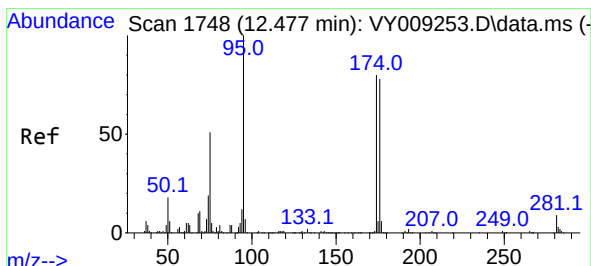
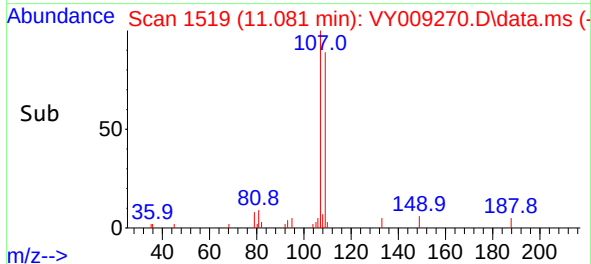
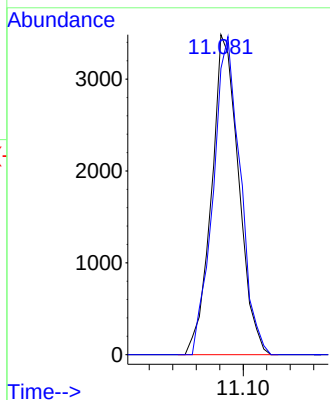
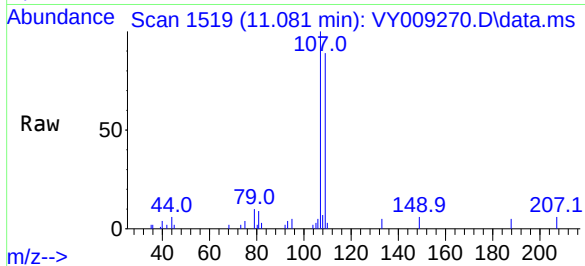




#61
1,2-Dibromoethane
Concen: 3.99 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

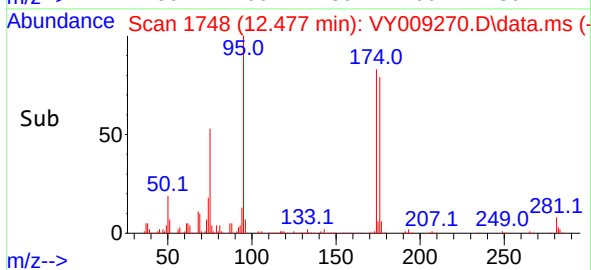
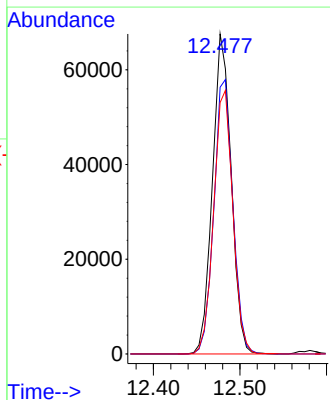
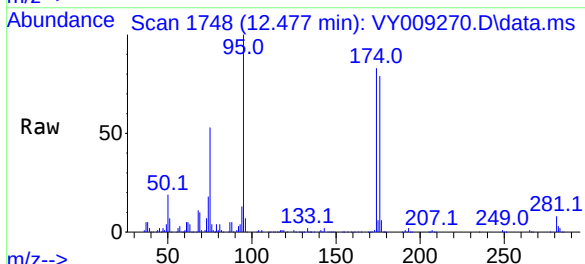
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

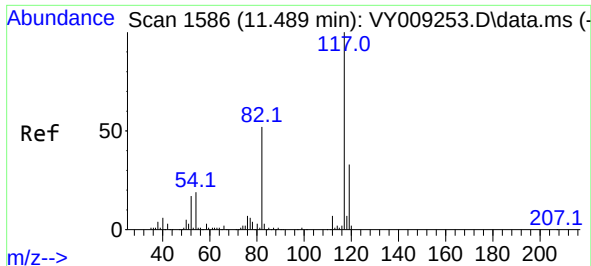
Tgt Ion:107 Resp: 5592
Ion Ratio Lower Upper
107 100
109 99.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.36 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 95 Resp: 101460
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 84.5 0.0 175.8

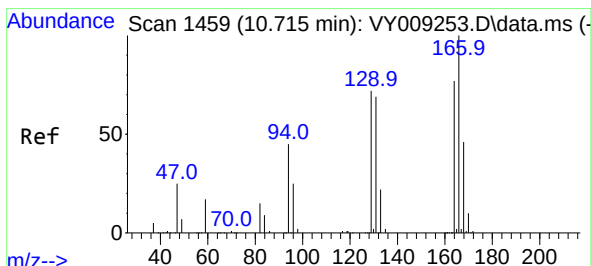
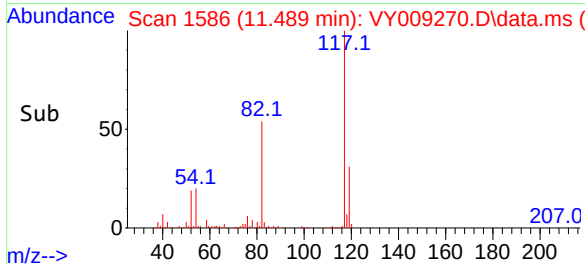
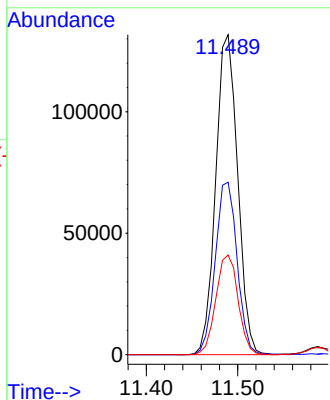
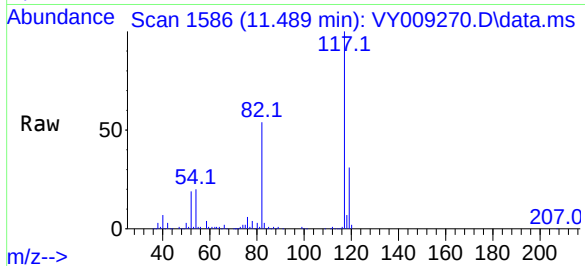




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

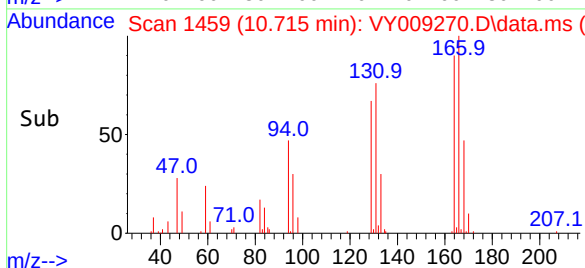
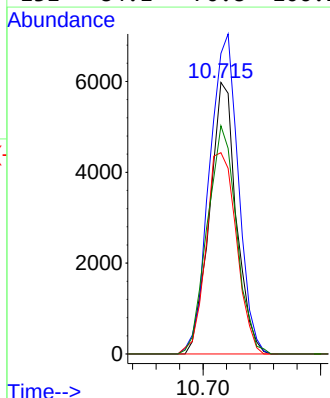
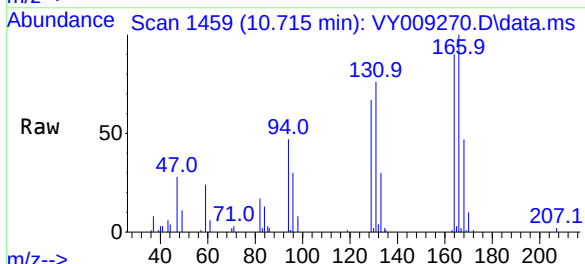
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

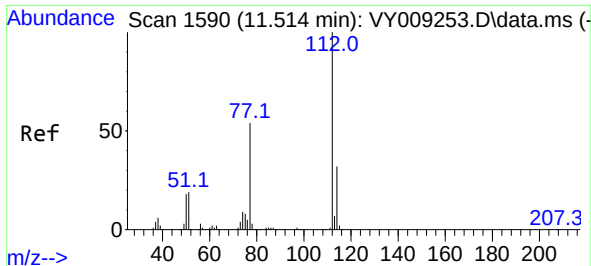
Tgt Ion:	117	Resp:	219943
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.4
119	31.2	25.4	38.0



#64
Tetrachloroethene
Concen: 4.45 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion:	164	Resp:	9433
Ion	Ratio	Lower	Upper
164	100		
166	110.7	100.4	150.6
129	74.1	71.4	107.0
131	84.1	70.8	106.2

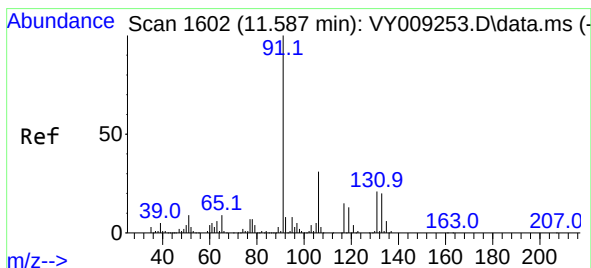
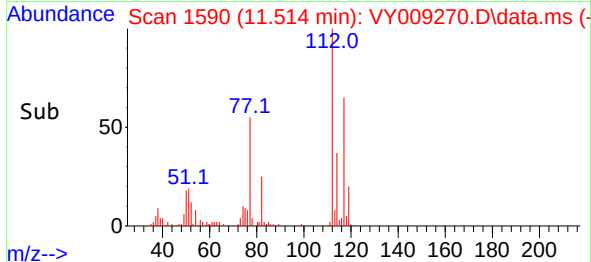
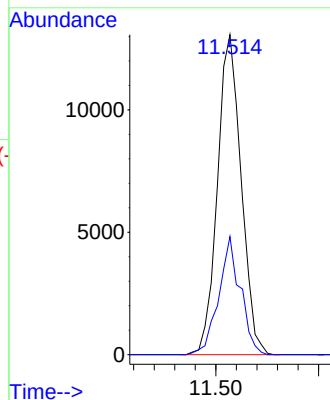
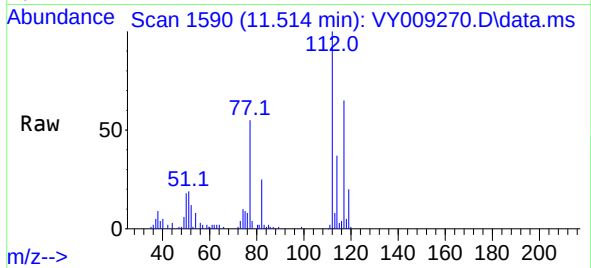




#65
Chlorobenzene
Concen: 4.22 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

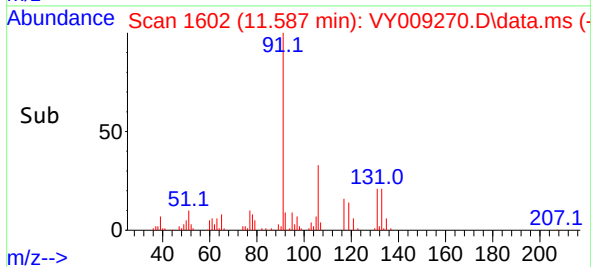
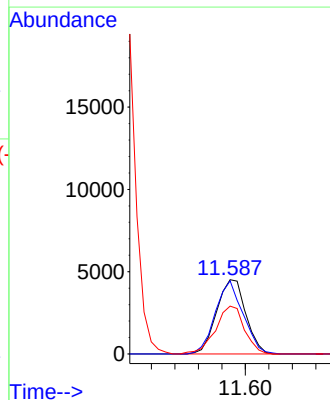
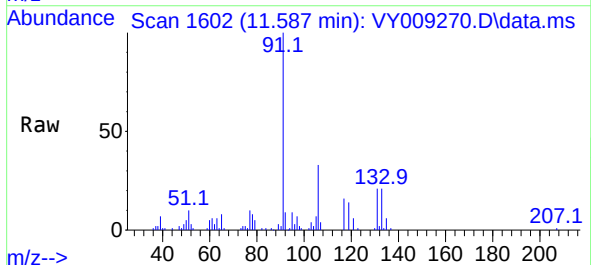
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

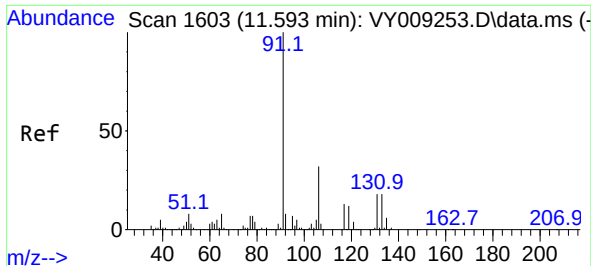
Tgt Ion:112 Resp: 20920
Ion Ratio Lower Upper
112 100
114 36.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.28 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion:131 Resp: 7760
Ion Ratio Lower Upper
131 100
133 93.8 47.9 143.6
119 64.1 30.8 92.3





#67

Ethyl Benzene

Concen: 4.10 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

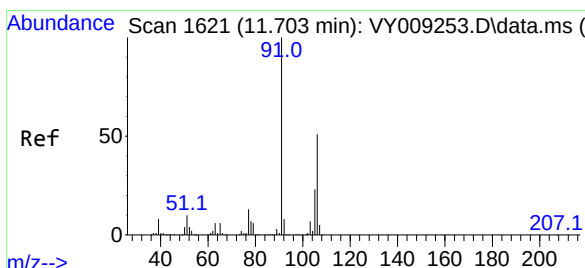
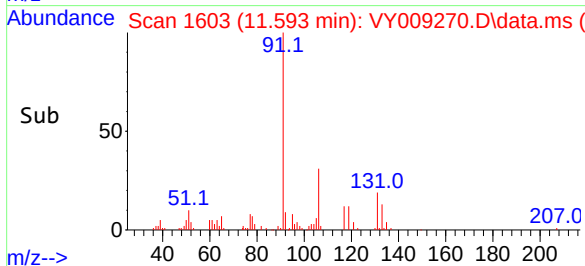
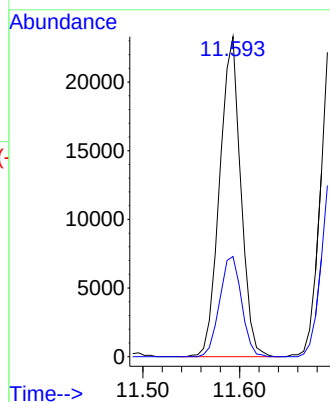
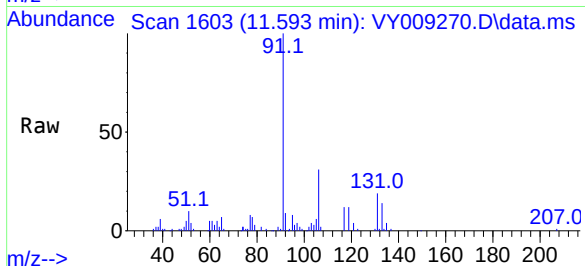
MDL-SOIL-03-QT2-2022

Tgt Ion: 91 Resp: 35169

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 8.32 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY009270.D

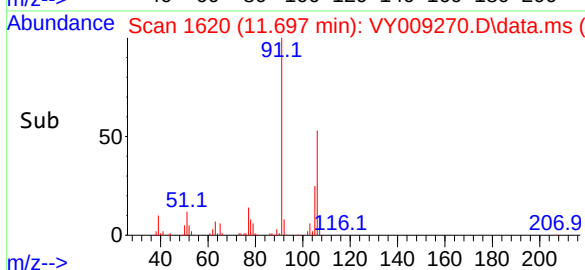
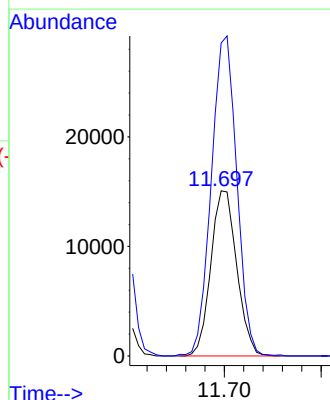
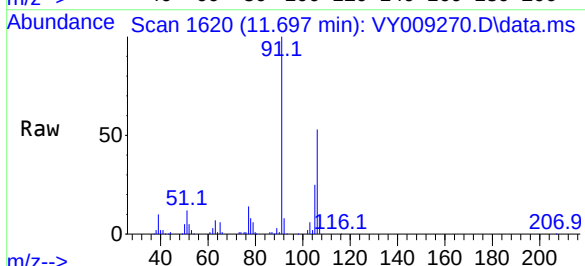
Acq: 22 Jun 2022 13:36

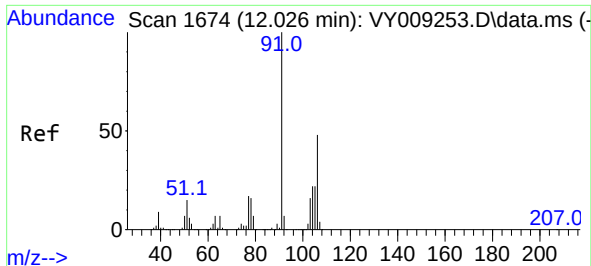
Tgt Ion: 106 Resp: 28036

Ion Ratio Lower Upper

106 100

91 190.8 166.6 249.8

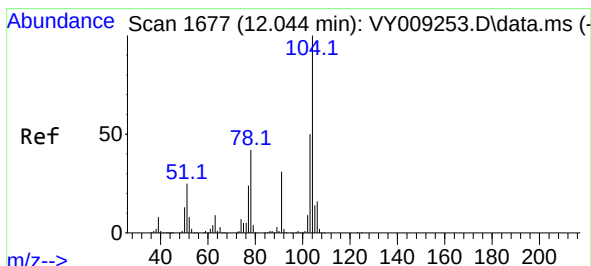
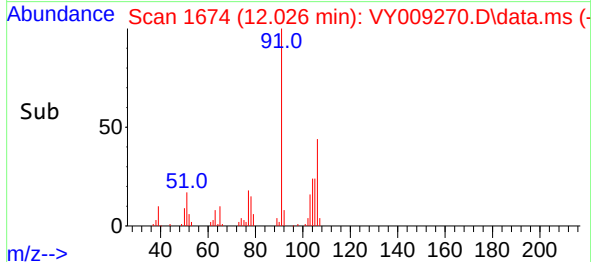
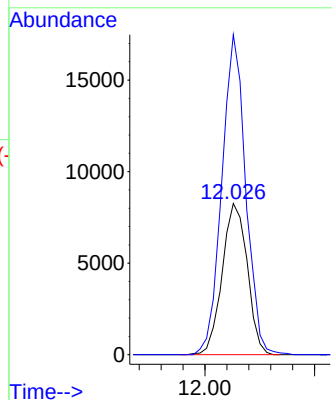
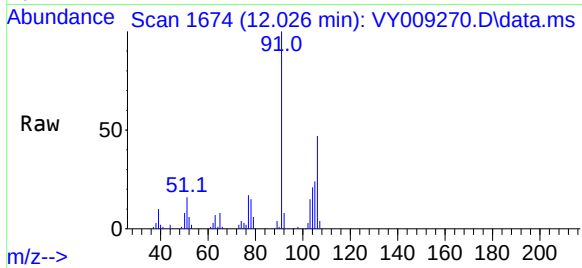




#69
o-Xylene
Concen: 4.09 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

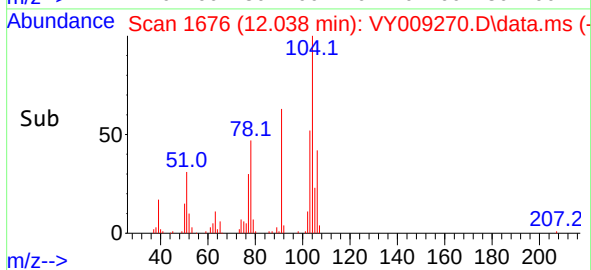
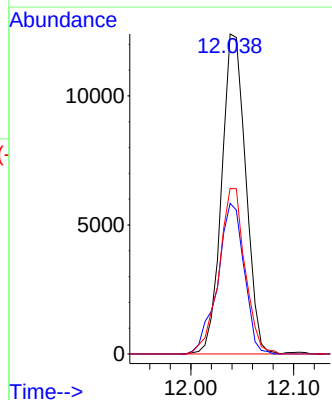
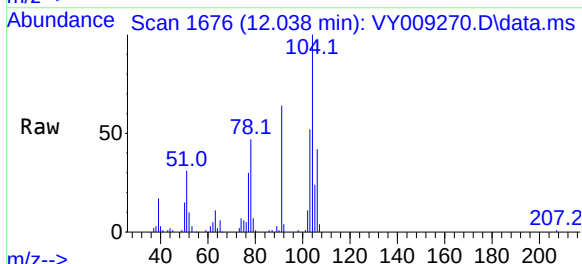
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT2-2022

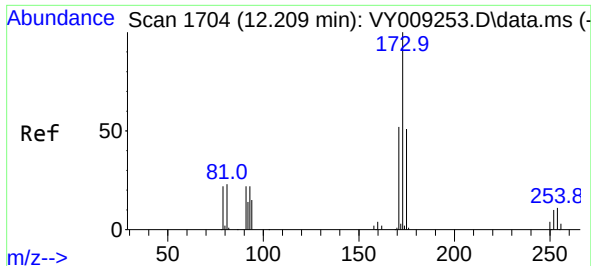
Tgt Ion:106 Resp: 13111
Ion Ratio Lower Upper
106 100
91 201.8 110.3 331.0



#70
Styrene
Concen: 3.78 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion:104 Resp: 20107
Ion Ratio Lower Upper
104 100
78 52.0 42.4 63.6
103 56.3 44.4 66.6

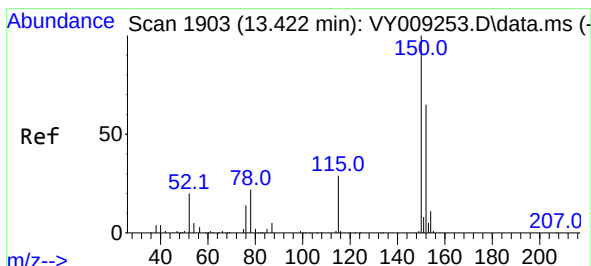
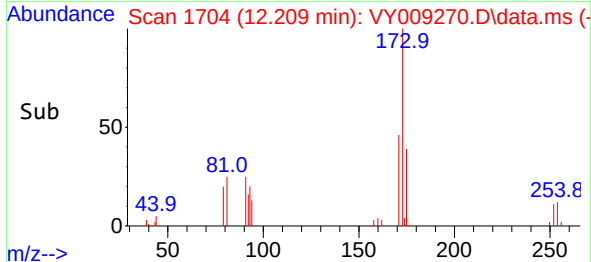
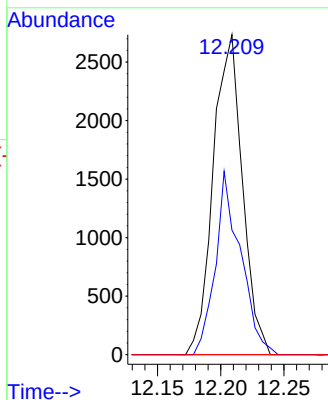
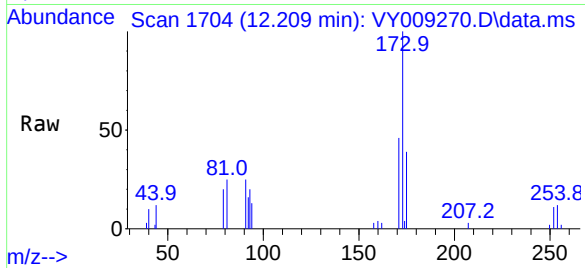




#71
Bromoform
Concen: 3.91 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

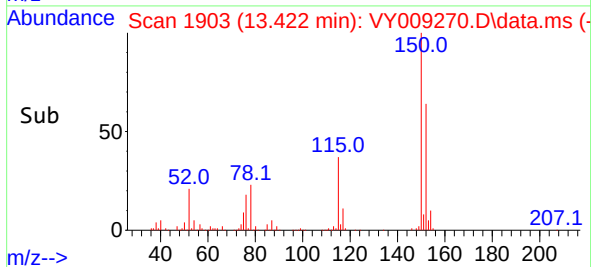
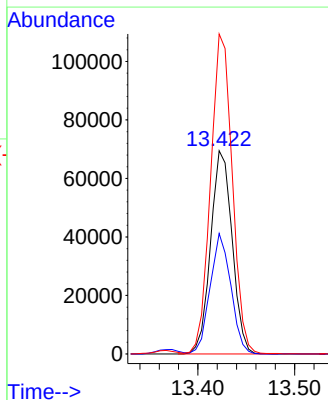
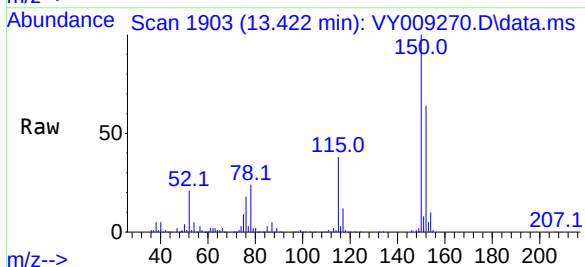
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

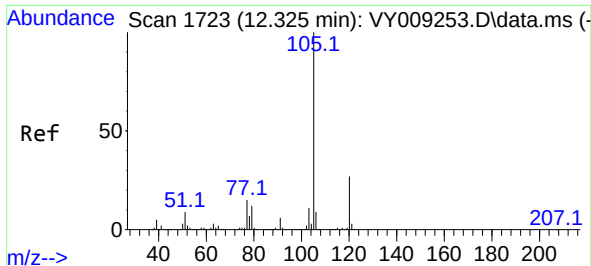
Tgt Ion:173 Resp: 4379
Ion Ratio Lower Upper
173 100
175 49.5 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion:152 Resp: 107220
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 158.8 0.0 347.6

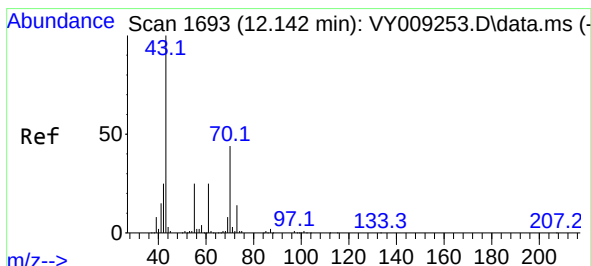
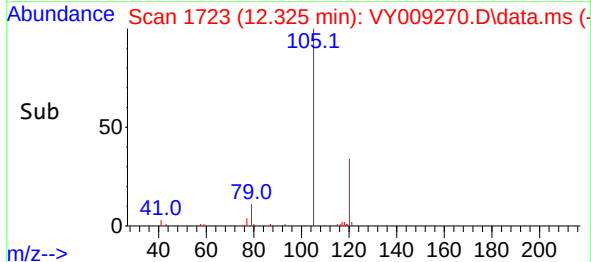
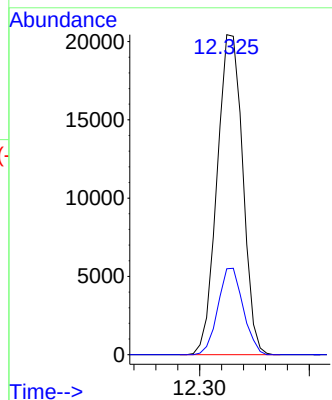
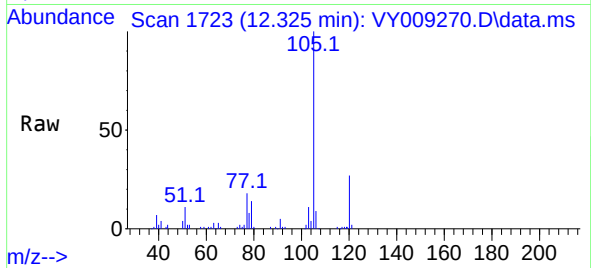




#73
Isopropylbenzene
Concen: 3.96 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

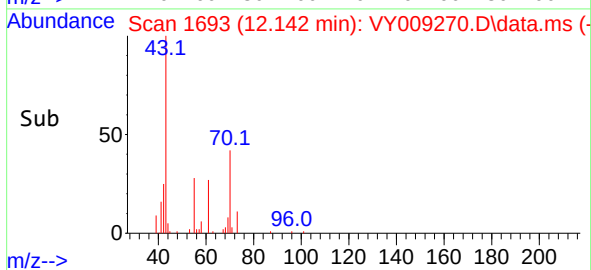
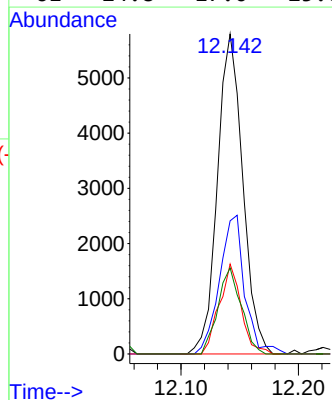
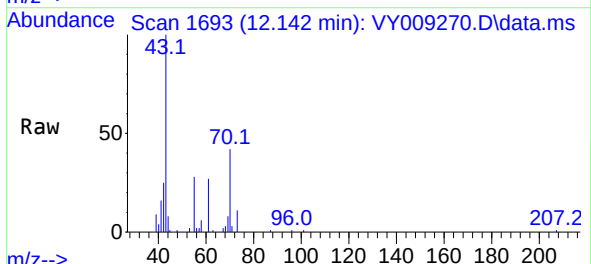
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

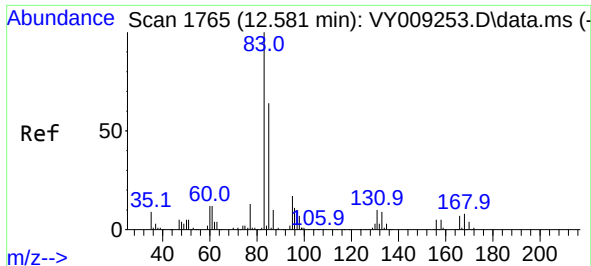
Tgt Ion:105 Resp: 33274
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.2



#74
N-ethyl acetate
Concen: 3.87 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 43 Resp: 8685
Ion Ratio Lower Upper
43 100
70 43.2 28.7 43.1#
55 24.3 17.3 25.9
61 24.8 17.0 25.6

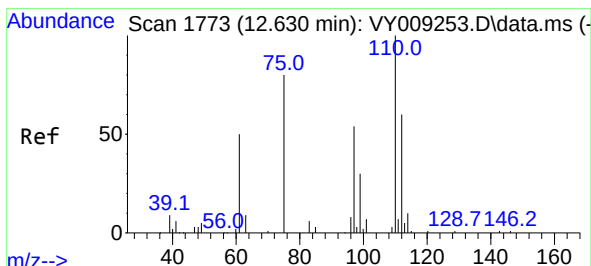
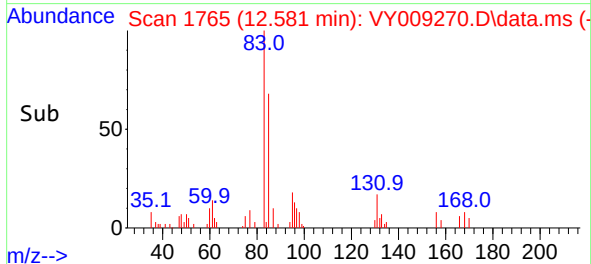
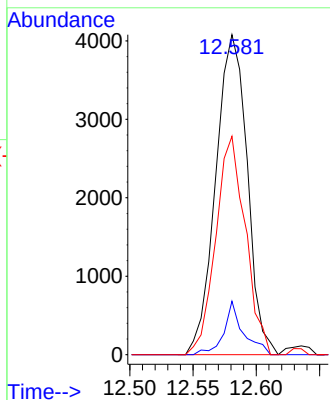
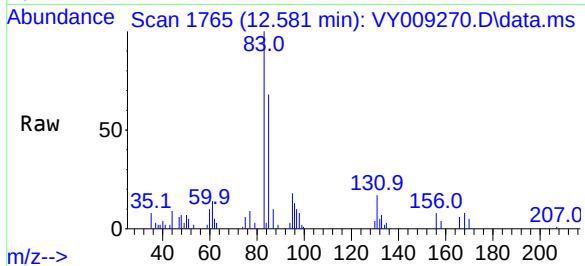




#75
1,1,2,2-Tetrachloroethane
Concen: 4.41 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

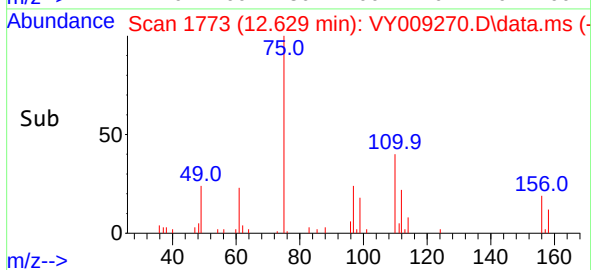
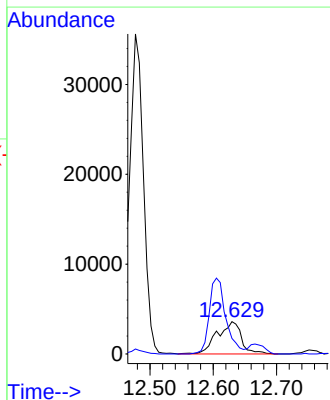
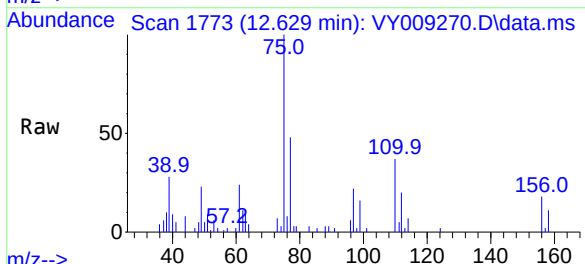
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

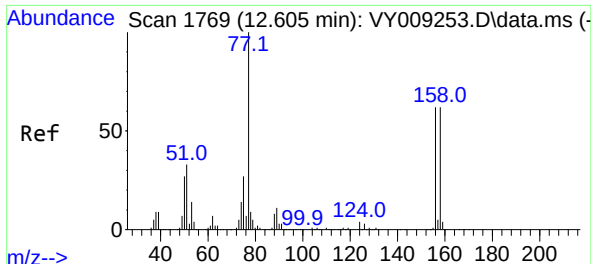
Tgt Ion: 83	Resp:	7061
Ion	Ratio	Lower Upper
83	100	
131	10.4	5.6 16.8
85	64.3	32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 7.64 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 75	Resp:	9610
Ion	Ratio	Lower Upper
75	100	
77	0.0	0.0 0.0

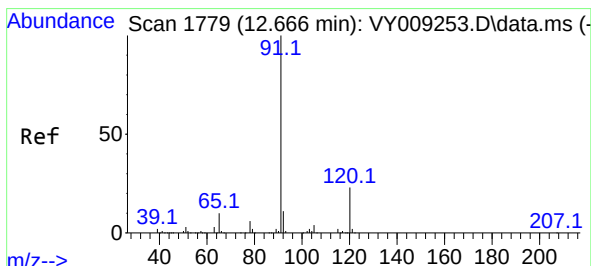
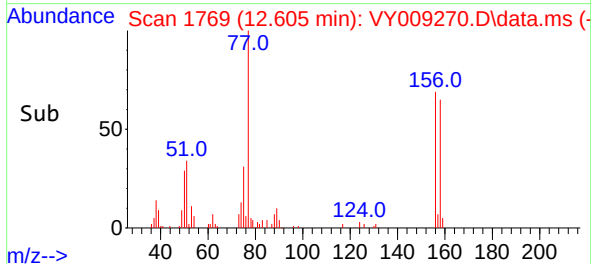
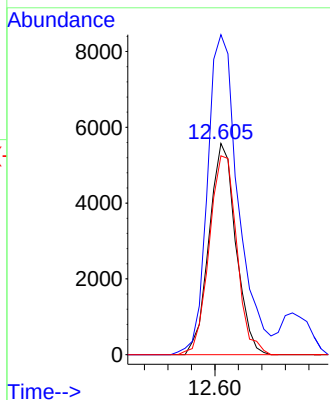
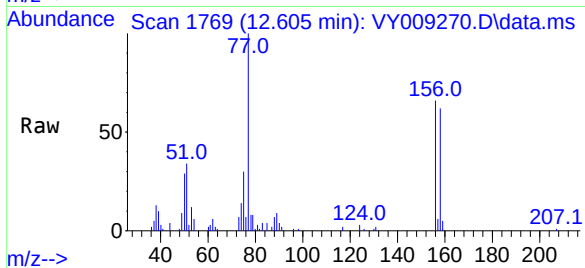




#77
Bromobenzene
Concen: 4.33 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

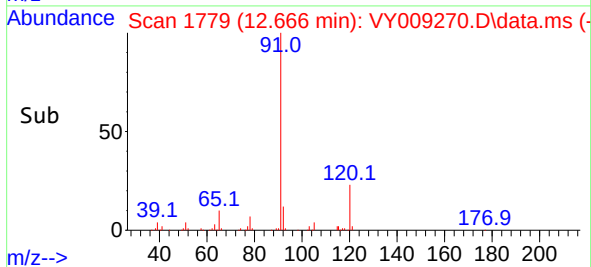
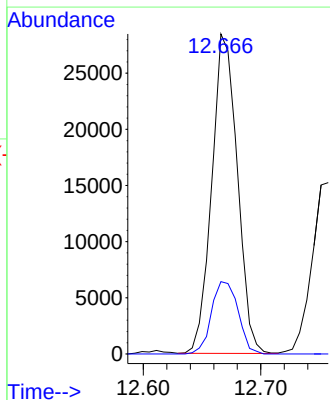
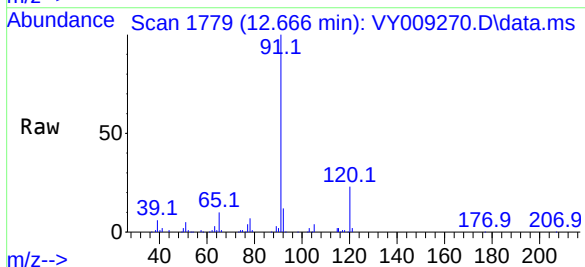
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

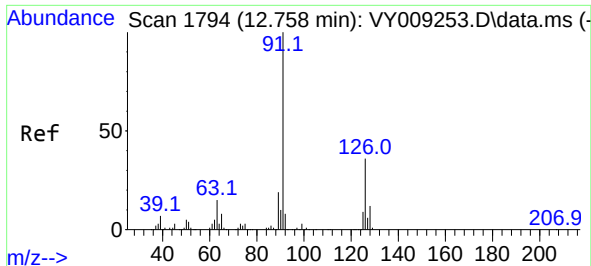
Tgt Ion:156 Resp: 8843
Ion Ratio Lower Upper
156 100
77 174.0 95.5 286.4
158 96.8 48.0 144.0



#78
n-propylbenzene
Concen: 4.24 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 91 Resp: 43005
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.9

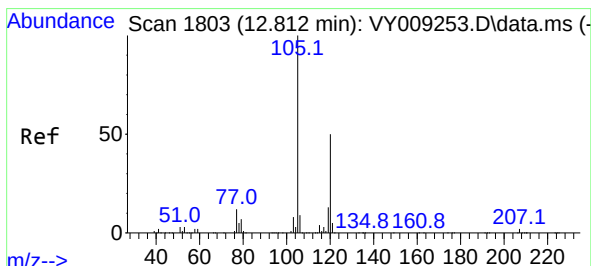
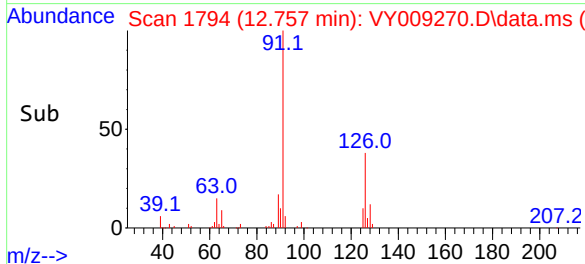
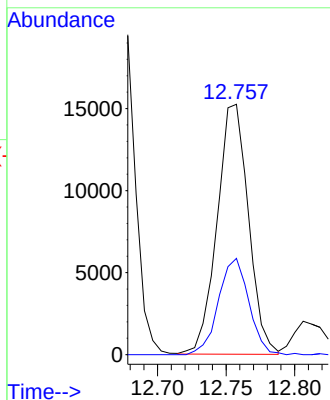
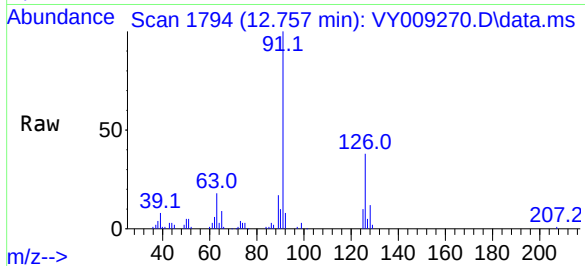




#79
2-Chlorotoluene
Concen: 4.24 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

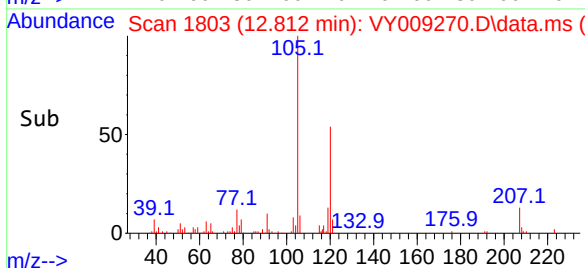
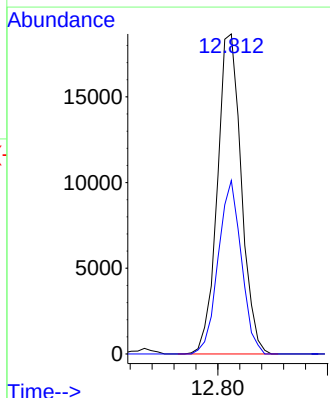
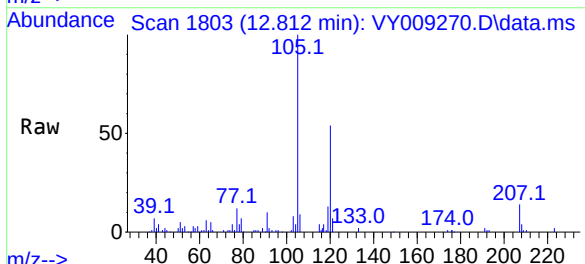
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

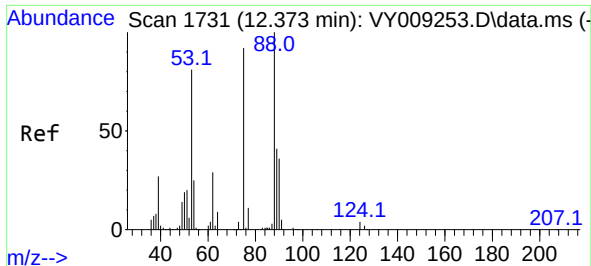
Tgt Ion: 91 Resp: 24224
Ion Ratio Lower Upper
91 100
126 37.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 4.06 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 105 Resp: 28355
Ion Ratio Lower Upper
105 100
120 52.3 24.4 73.4

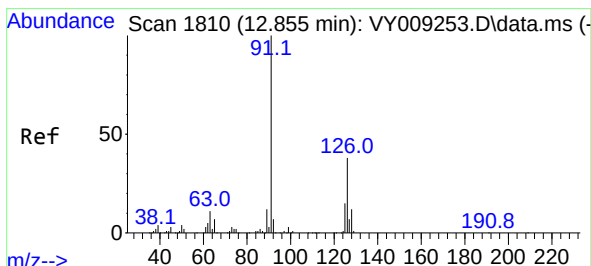
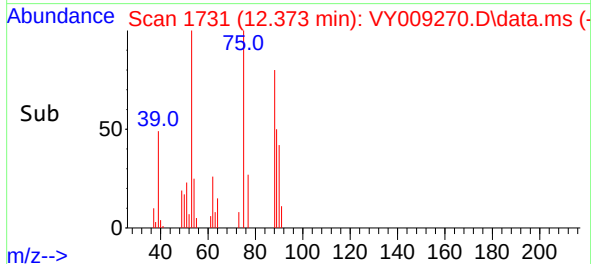
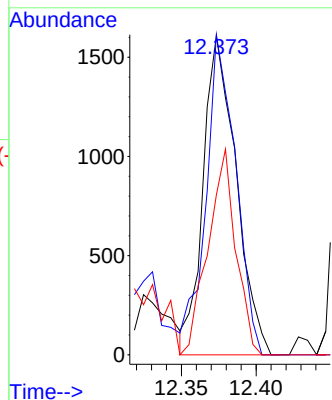
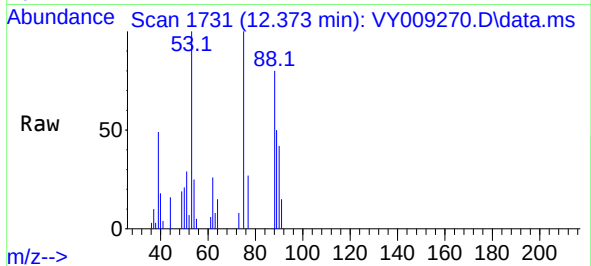




#81
trans-1,4-Dichloro-2-butene
Concen: 4.14 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

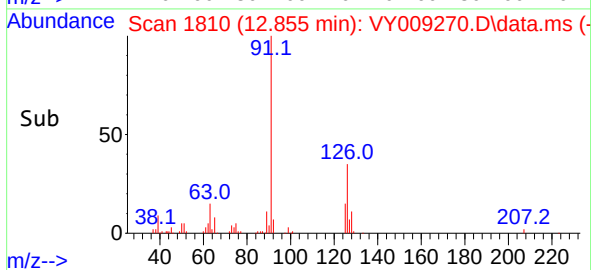
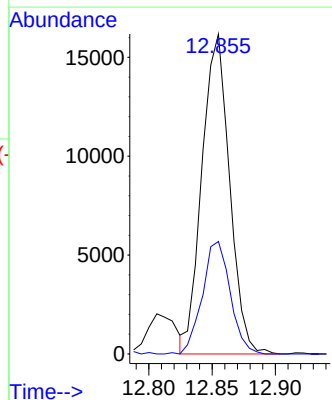
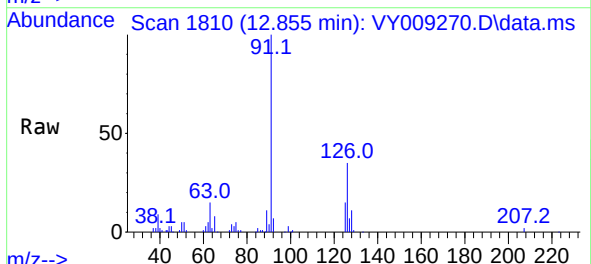
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

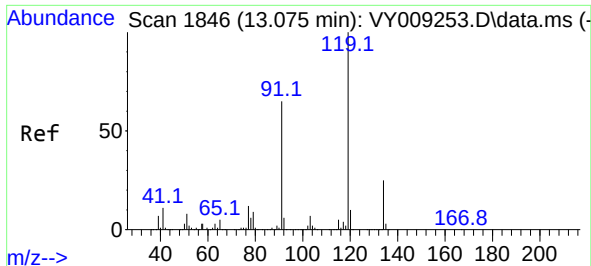
Tgt Ion:	75	Resp:	2457
Ion	Ratio	Lower	Upper
75	100		
53	91.2	85.3	127.9
89	54.6	37.0	55.4



#82
4-Chlorotoluene
Concen: 4.13 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion:	91	Resp:	24586
Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.0	51.0

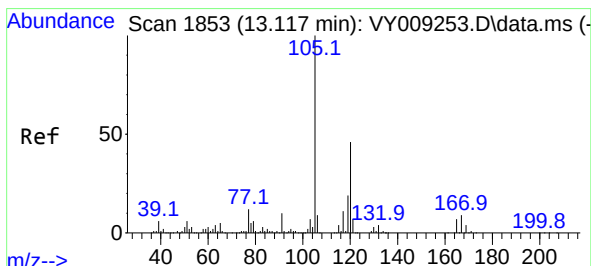
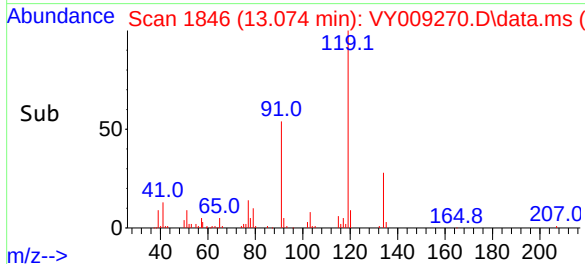
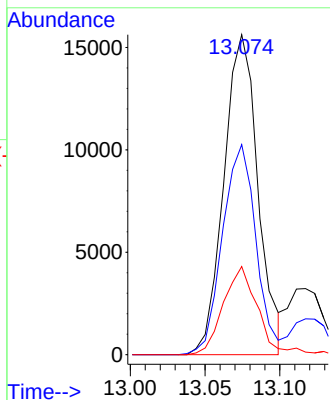
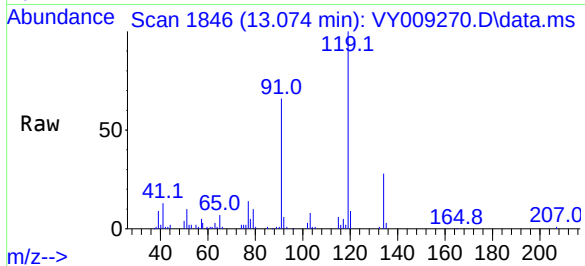




#83
tert-Butylbenzene
Concen: 4.08 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.001 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

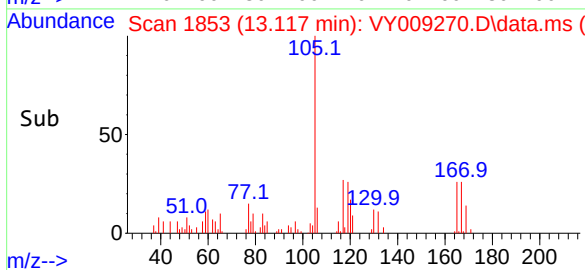
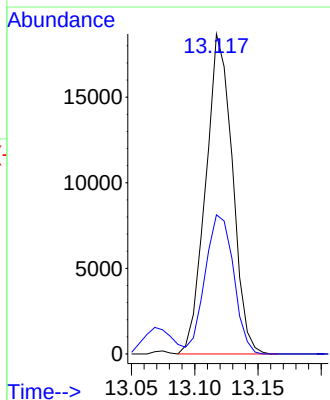
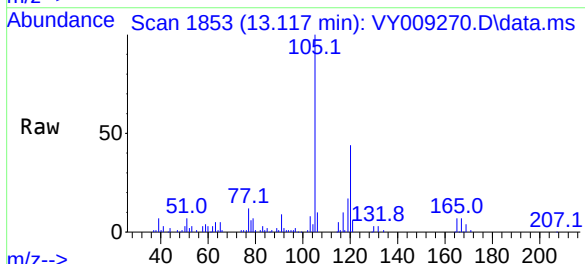
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

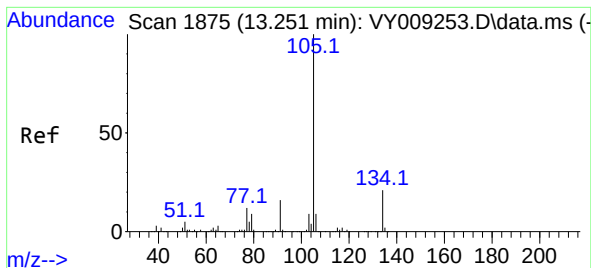
Tgt Ion:119 Resp: 24834
Ion Ratio Lower Upper
119 100
91 64.1 34.8 104.4
134 28.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.01 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion:105 Resp: 27451
Ion Ratio Lower Upper
105 100
120 46.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.07 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

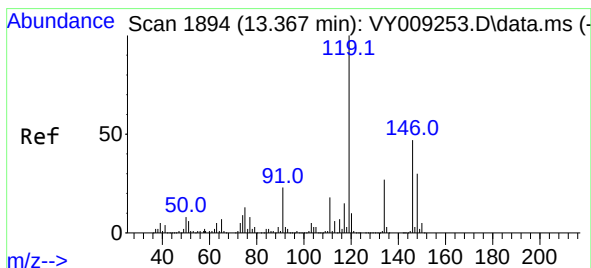
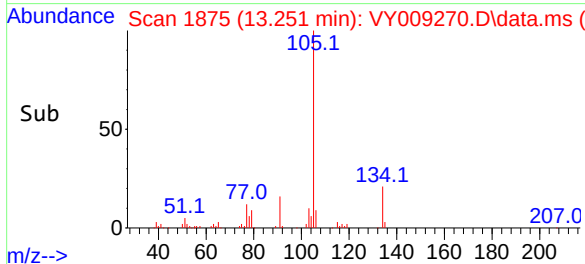
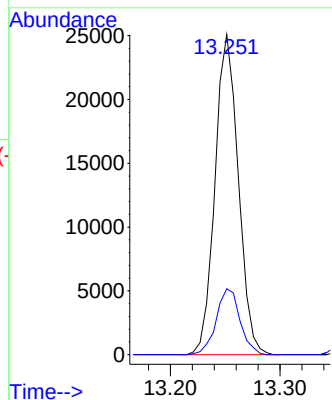
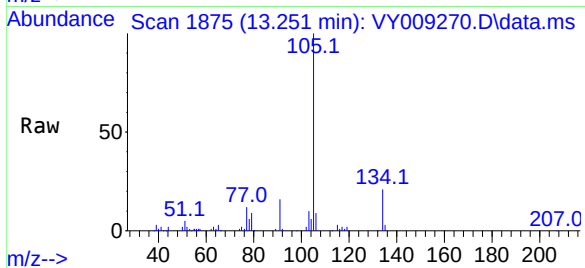
MDL-SOIL-03-QT2-2022

Tgt Ion:105 Resp: 37092

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.06 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

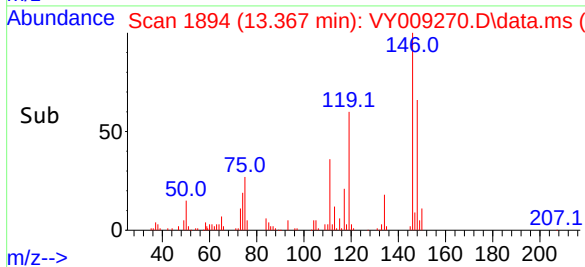
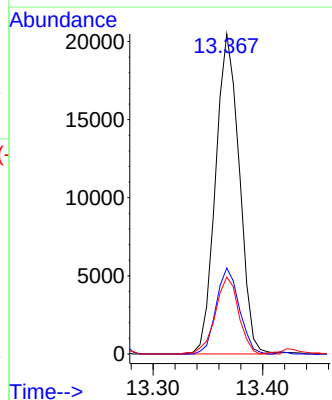
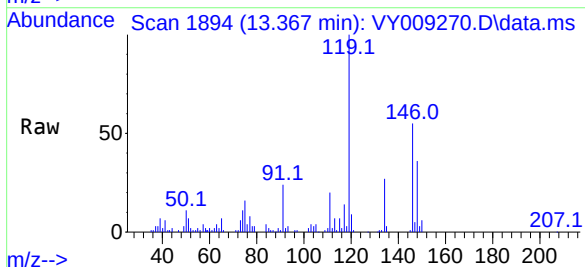
Tgt Ion:119 Resp: 30793

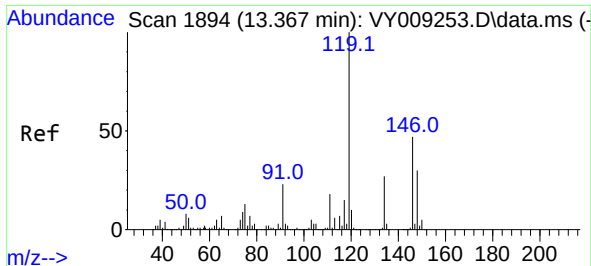
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

91 23.6 12.4 37.2

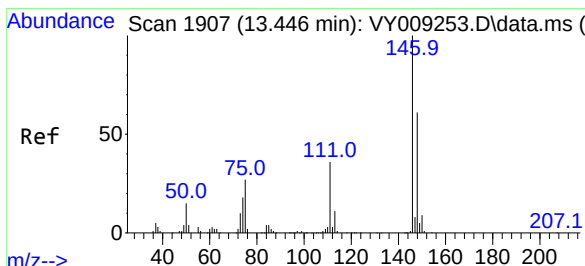
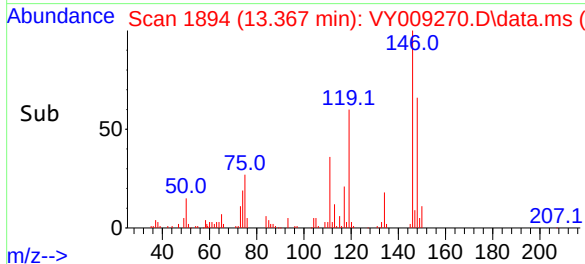
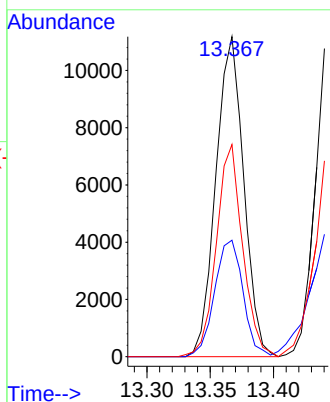
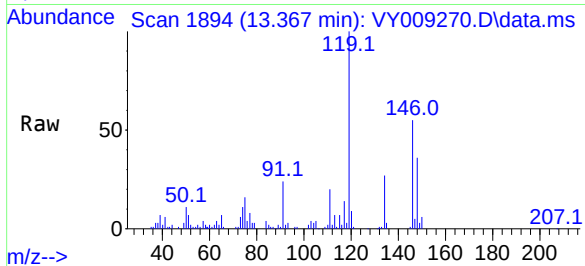




#87
1,3-Dichlorobenzene
Concen: 4.34 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

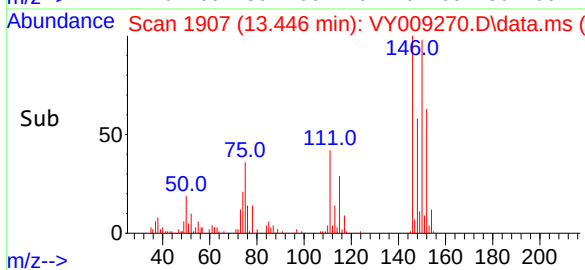
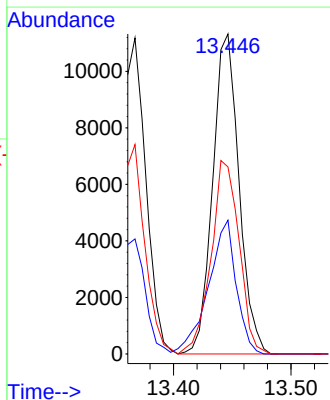
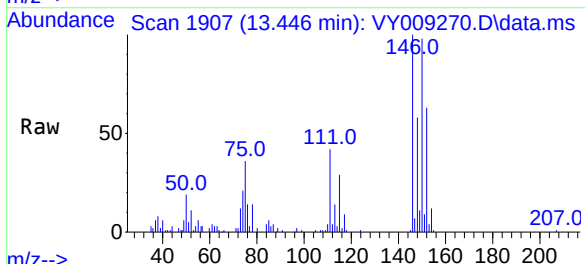
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

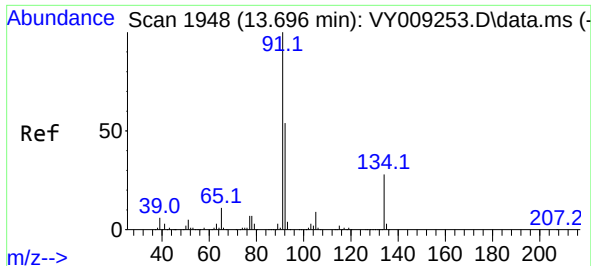
Tgt Ion:	146	Resp:	17121
Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.5	58.5
148	62.5	31.6	95.0



#88
1,4-Dichlorobenzene
Concen: 4.45 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion:	146	Resp:	17632
Ion	Ratio	Lower	Upper
146	100		
111	44.2	19.3	57.8
148	64.4	32.6	97.8

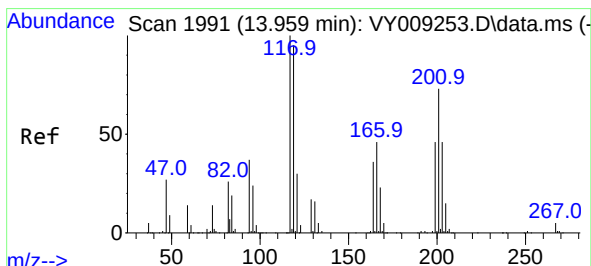
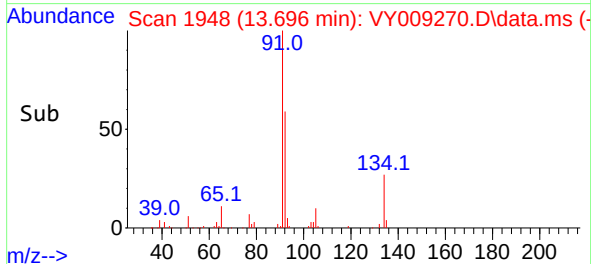
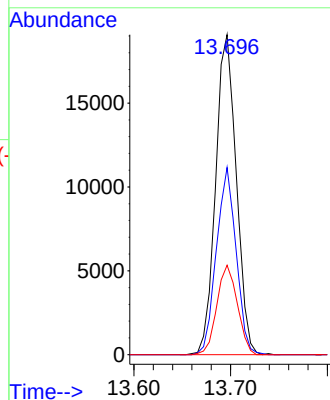
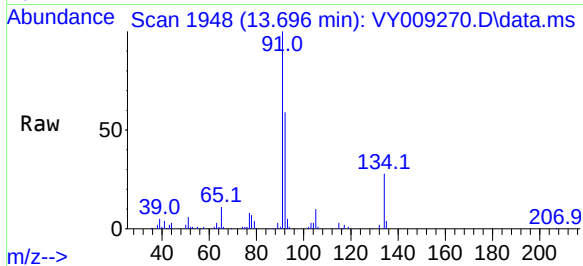




#89
n-Butylbenzene
Concen: 4.00 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

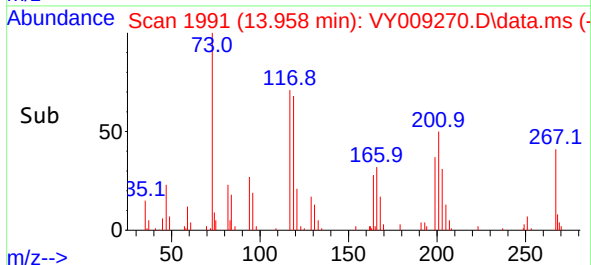
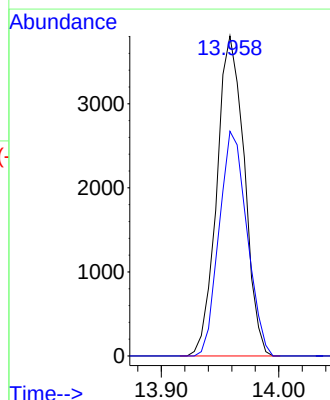
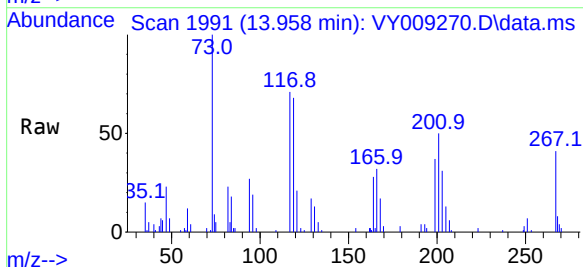
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

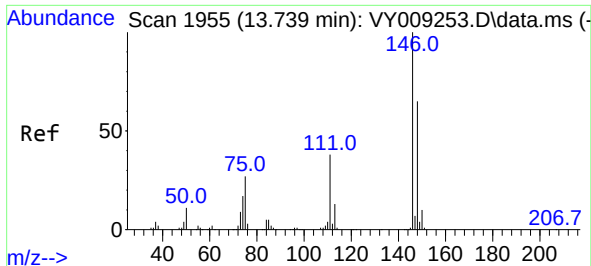
Tgt Ion: 91 Resp: 28212
Ion Ratio Lower Upper
91 100
92 56.0 26.3 78.9
134 27.8 13.0 38.9



#90
Hexachloroethane
Concen: 4.31 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion: 117 Resp: 6193
Ion Ratio Lower Upper
117 100
201 71.1 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 4.42 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

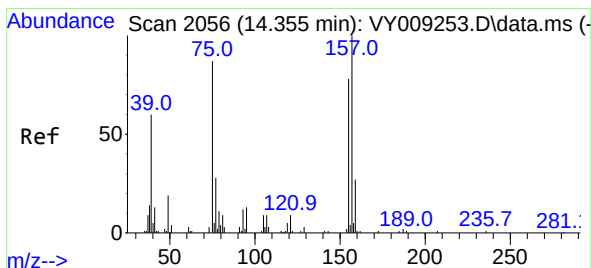
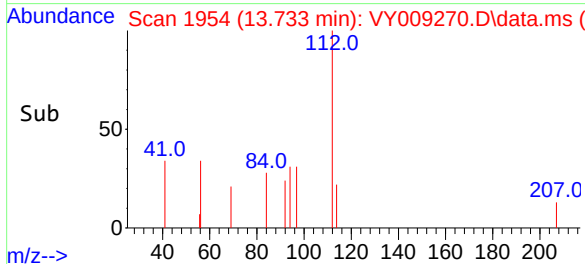
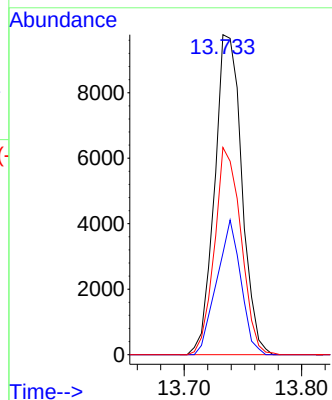
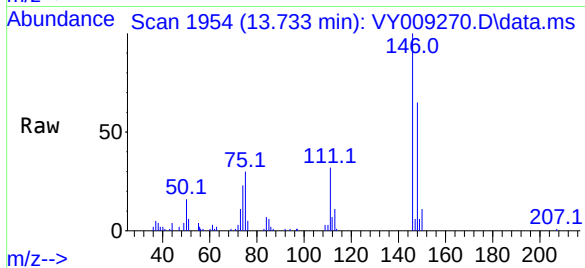
Tgt Ion:146 Resp: 15697

Ion Ratio Lower Upper

146 100

111 37.5 20.3 60.9

148 63.2 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.53 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

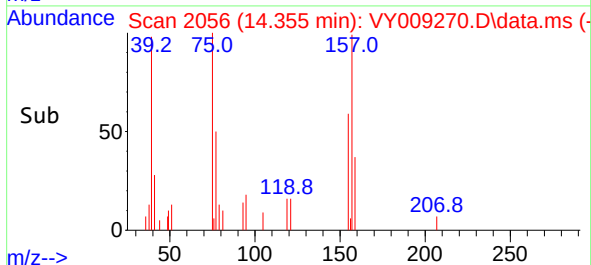
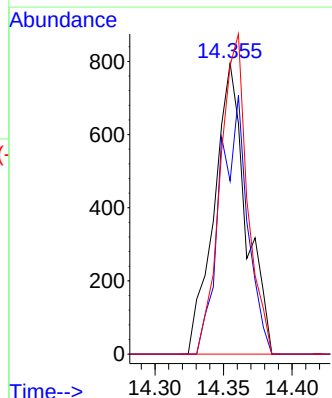
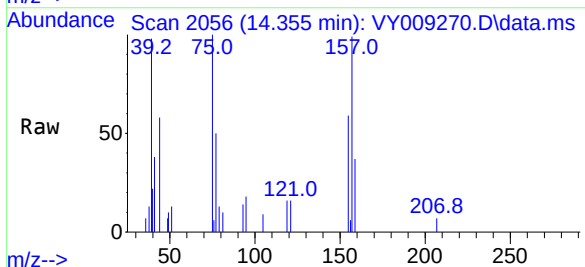
Tgt Ion: 75 Resp: 1290

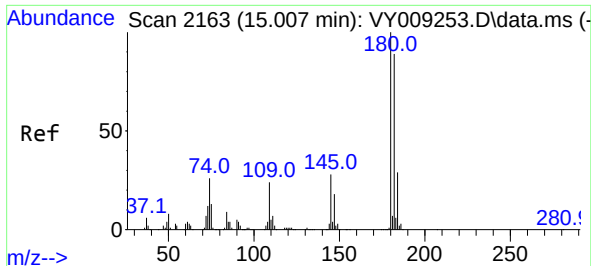
Ion Ratio Lower Upper

75 100

155 76.5 38.0 113.9

157 93.7 47.8 143.3

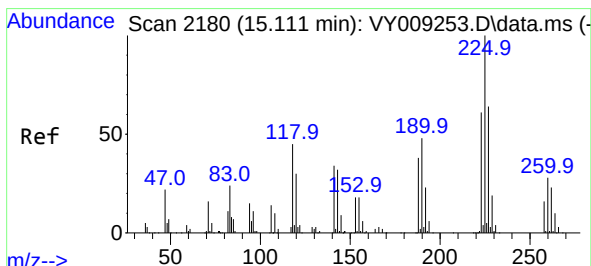
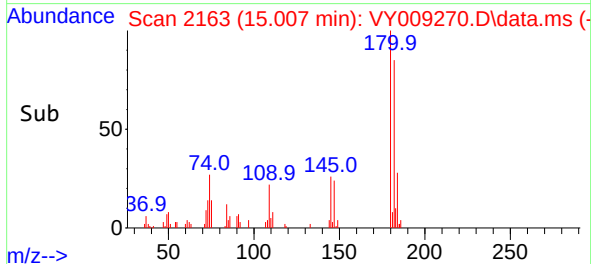
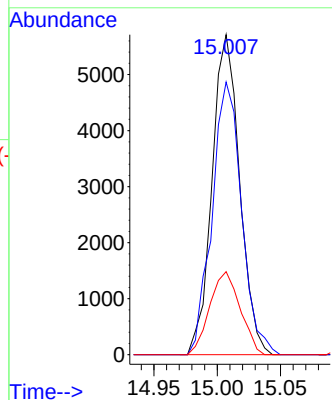
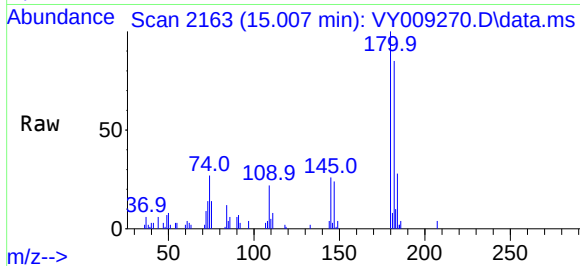




#93
1,2,4-Trichlorobenzene
Concen: 3.99 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

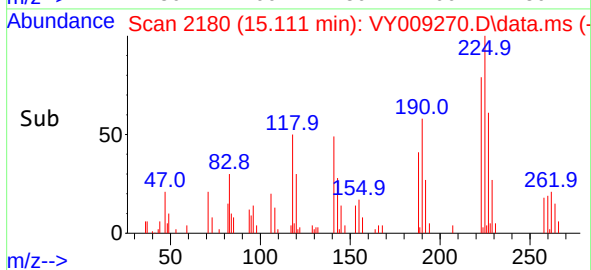
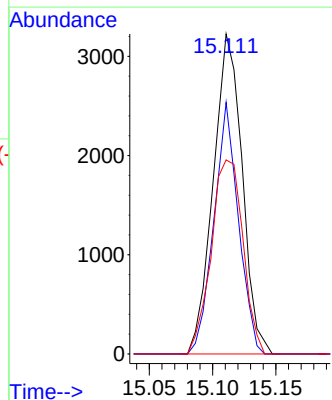
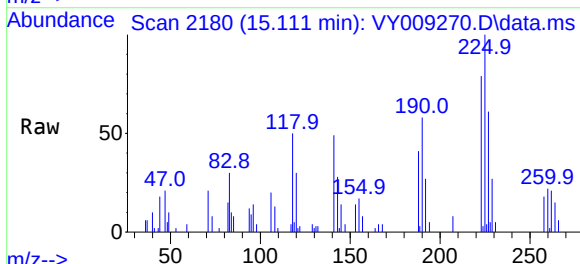
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

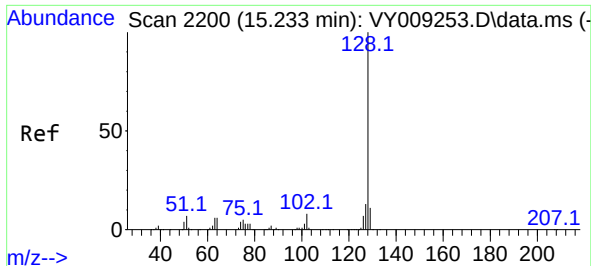
Tgt Ion:180	Resp:	8662
Ion Ratio	Lower	Upper
180	100	
182	91.0	47.3 141.9
145	28.6	14.6 43.8



#94
Hexachlorobutadiene
Concen: 4.38 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion:225	Resp:	5119
Ion Ratio	Lower	Upper
225	100	
223	66.7	30.8 92.3
227	66.4	31.6 94.7

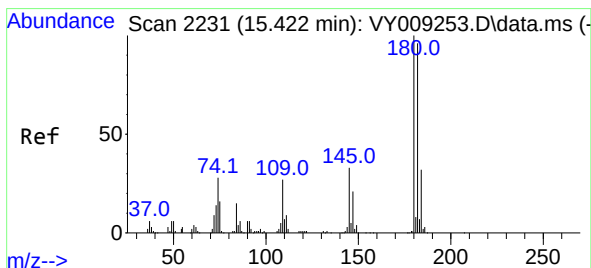
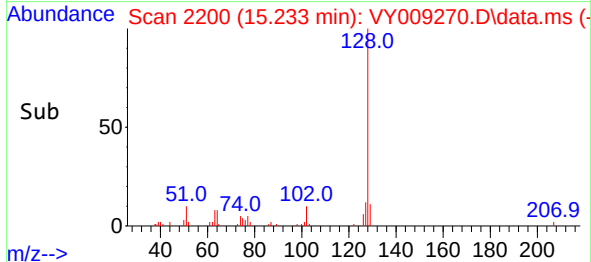
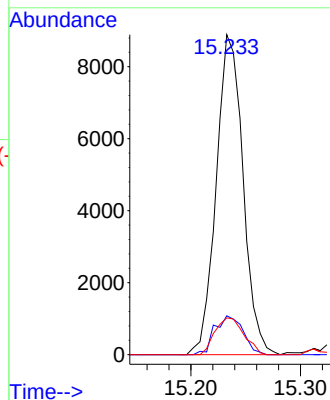
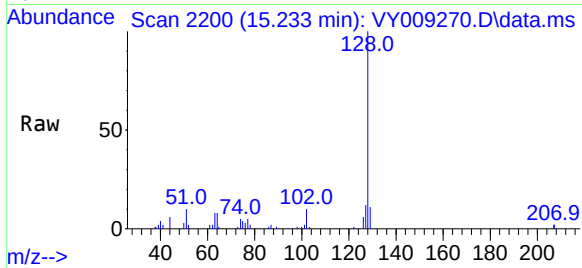




#95
Naphthalene
Concen: 3.47 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

Tgt Ion:	128	Resp:	15105
Ion Ratio	Lower	Upper	
128	100		
127	12.9	11.0	16.4
129	12.4	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 4.14 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009270.D
Acq: 22 Jun 2022 13:36

Tgt Ion:	180	Resp:	7689
Ion Ratio	Lower	Upper	
180	100		
182	86.4	47.3	141.9
145	29.7	15.3	45.9

