

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009269.D
 Acq On : 22 Jun 2022 13:13
 Operator : KP/MD
 Sample : N3214-03 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 23 08:24:19 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	147202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109126	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80842	50.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.02%
35) Dibromofluoromethane	7.716	113	78529	49.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.70%
50) Toluene-d8	10.179	98	296186	48.46	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.92%
62) 4-Bromofluorobenzene	12.477	95	103084	47.99	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.98%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	3354	3.11 ug/l	91
3) Chloromethane	2.107	50	4182	3.16 ug/l #	81
4) Vinyl Chloride	2.247	62	4045	2.75 ug/l	94
5) Bromomethane	2.644	94	3122	3.05 ug/l	100
6) Chloroethane	2.790	64	2724	2.78 ug/l	89
7) Trichlorofluoromethane	3.125	101	6286	2.69 ug/l	93
8) Diethyl Ether	3.527	74	2332	2.72 ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	4298	2.90 ug/l	96
10) Methyl Iodide	4.082	142	4269	2.36 ug/l	88
11) Tert butyl alcohol	4.936	59	6900	22.80 ug/l #	77
12) 1,1-Dichloroethene	3.863	96	4073	2.89 ug/l #	78
13) Acrolein	3.729	56	744	11.08 ug/l	85
14) Allyl chloride	4.479	41	6790	2.68 ug/l	96
15) Acrylonitrile	5.149	53	3367	7.05 ug/l #	30
16) Acetone	3.948	43	6782	16.98 ug/l	100
17) Carbon Disulfide	4.186	76	9106	2.32 ug/l #	88
18) Methyl Acetate	4.466	43	6323	4.61 ug/l	100
19) Methyl tert-butyl Ether	5.210	73	11136	2.63 ug/l	91
20) Methylene Chloride	4.716	84	12454	4.71 ug/l #	86
21) trans-1,2-Dichloroethene	5.210	96	4897	2.93 ug/l #	76
22) Diisopropyl ether	6.118	45	14329	2.69 ug/l	92
23) Vinyl Acetate	6.058	43	35595	10.89 ug/l #	90
24) 1,1-Dichloroethane	6.009	63	8442	2.80 ug/l	96
25) 2-Butanone	6.984	43	9937	15.40 ug/l	95
26) 2,2-Dichloropropane	6.984	77	8277	2.92 ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	5245	2.68 ug/l	93
28) Bromochloromethane	7.332	49	3563	2.74 ug/l #	83
29) Tetrahydrofuran	7.338	42	6267	15.34 ug/l	94
30) Chloroform	7.496	83	8788	2.83 ug/l	85
31) Cyclohexane	7.783	56	10042	3.58 ug/l #	61
32) 1,1,1-Trichloroethane	7.697	97	7768	2.87 ug/l	94
36) 1,1-Dichloropropene	7.911	75	6617	2.73 ug/l	99
37) Ethyl Acetate	7.076	43	4331	2.96 ug/l	99
38) Carbon Tetrachloride	7.899	117	6724	2.67 ug/l #	90
39) Methylcyclohexane	9.185	83	7832	2.64 ug/l #	82
40) Benzene	8.155	78	19136	2.67 ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	5822	7.17	ug/l #	22
42) 1,2-Dichloroethane	8.234	62	5537	2.69	ug/l	90
43) Isopropyl Acetate	8.264	43	8200	3.06	ug/l #	84
44) Trichloroethene	8.935	130	5575	2.76	ug/l	96
45) 1,2-Dichloropropane	9.209	63	4860	2.63	ug/l	98
46) Dibromomethane	9.301	93	2930	2.79	ug/l	93
47) Bromodichloromethane	9.496	83	6421	2.58	ug/l	89
48) Methyl methacrylate	9.289	41	3277	2.79	ug/l	91
49) 1,4-Dioxane	9.301	88	916	60.74	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	20666	14.81	ug/l	100
52) Toluene	10.240	92	12021	2.65	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	6627	2.56	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	7456	2.53	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	4126	2.80	ug/l	93
56) Ethyl methacrylate	10.508	69	5120	2.63	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	6444	2.56	ug/l #	87
58) 2-Chloroethyl Vinyl ether	9.782	63	12384	14.81	ug/l	100
59) 2-Hexanone	10.831	43	12955	13.72	ug/l	97
60) Dibromochloromethane	10.983	129	4917	2.74	ug/l	94
61) 1,2-Dibromoethane	11.087	107	3940	2.74	ug/l	98
64) Tetrachloroethene	10.715	164	6343	2.98	ug/l	96
65) Chlorobenzene	11.514	112	14346	2.89	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.593	131	4554	2.51	ug/l	88
67) Ethyl Benzene	11.587	91	23247	2.70	ug/l	94
68) m/p-Xylenes	11.697	106	18421	5.45	ug/l	88
69) o-Xylene	12.026	106	8124	2.53	ug/l	92
70) Styrene	12.044	104	12952	2.43	ug/l	95
71) Bromoform	12.203	173	2992	2.66	ug/l #	98
73) Isopropylbenzene	12.331	105	20796	2.43	ug/l	98
74) N-amyl acetate	12.142	43	6126	2.68	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	4645	2.85	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	6629	5.18	ug/l #	100
77) Bromobenzene	12.605	156	5774	2.78	ug/l	96
78) n-propylbenzene	12.666	91	27256	2.64	ug/l	97
79) 2-Chlorotoluene	12.758	91	15736	2.71	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	17262	2.43	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.483	75	54308	90.00	ug/l #	7
82) 4-Chlorotoluene	12.855	91	16043	2.65	ug/l	96
83) tert-Butylbenzene	13.075	119	16125	2.60	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	17672	2.54	ug/l	97
85) sec-Butylbenzene	13.251	105	23918	2.58	ug/l	96
86) p-Isopropyltoluene	13.367	119	19390	2.51	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	11875	2.95	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	11562	2.87	ug/l	90
89) n-Butylbenzene	13.696	91	18350	2.56	ug/l	95
90) Hexachloroethane	13.959	117	4101	2.80	ug/l	86
91) 1,2-Dichlorobenzene	13.733	146	10132	2.81	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	956	3.30	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	5658	2.56	ug/l	97
94) Hexachlorobutadiene	15.117	225	3491	2.94	ug/l	97
95) Naphthalene	15.239	128	10668	2.41	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	5173	2.74	ug/l	97

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Response via : Initial Calibration

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

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

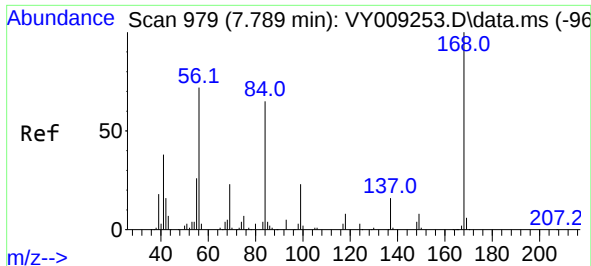
Abundance

TIC: VY009269.D\data.ms

Time-->

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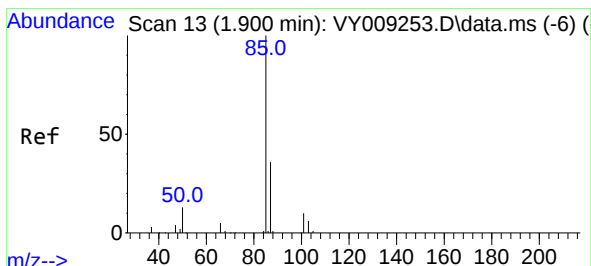
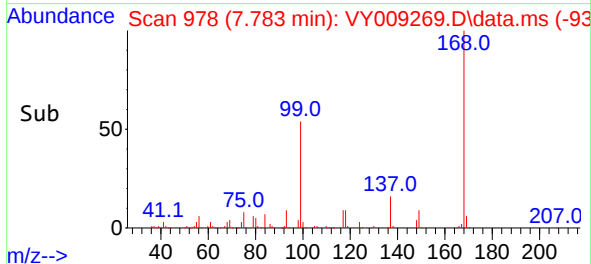
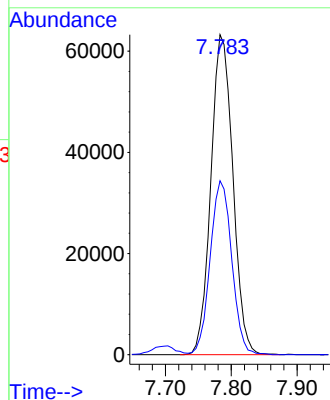
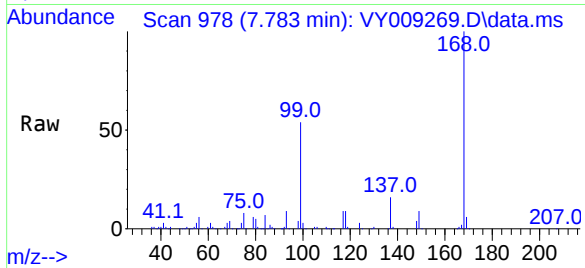
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Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
1,1,1-Trichloroethane, T
Acetone, T
Methyl Chloride, T
Methylene Chloride, T
Tert butyl alcohol, T
Acetone, T
1,1,1-Trichloroethane, T
1,1-Dichloroethane, P
Diisopropyl ether, T
Ethyl Acetate, T
2,2-Dichloropropane, T
Chloroform, C
1,1,1-Trichloroethane, T
1,1,1-Trichloroethane, S
Benzene, TM
1,2-Dichloroethane-d4, S
Isopropyl alcohol, TM
1,4-Difluorobenzene, I
Trichloroethene, TM
Bromodichloromethane, T
2-Chloroethyl Vinyl ether, T
cis-1,3-Dichloropropene, T
4-Methyl-2-Pentanone, T
Toluene, CM
Ethyl Acetate, T
1,1,2-Trichloroethane, T
1,3,2-Dichloropropane, T
1,2-Dibromopropane, T
Chlorobenzene-d5, I
Chlorobenzene, T
Toluene, T
Isopropyl alcohol, T
Bromobenzene, T
Isopropyl alcohol, T
1,2,3-Trichlorobenzene, P
1,2,3-Trichlorobenzene, T
4-Chlorobenzene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,2-Dibromobenzene, T
1,2-Dibromobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorocyclopentadiene, I
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
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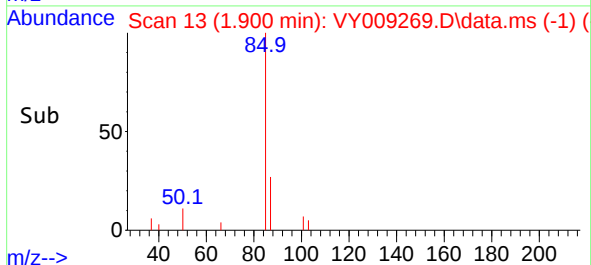
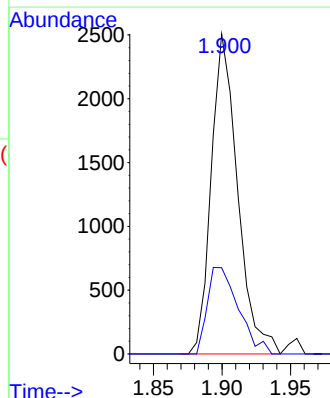
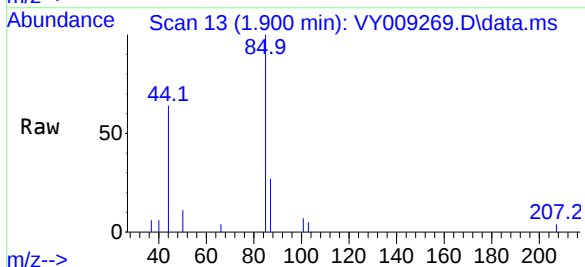
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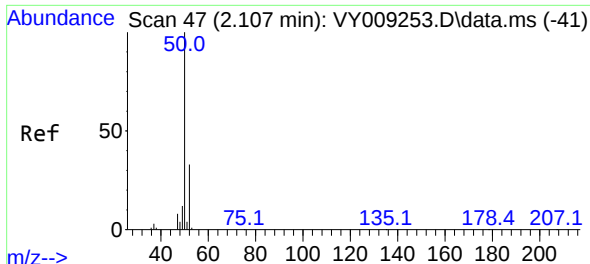
Tgt Ion:168 Resp: 147202
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 3.11 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 85 Resp: 3354
Ion Ratio Lower Upper
85 100
87 27.0 16.1 48.2

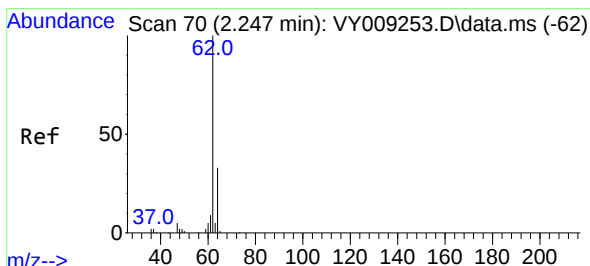
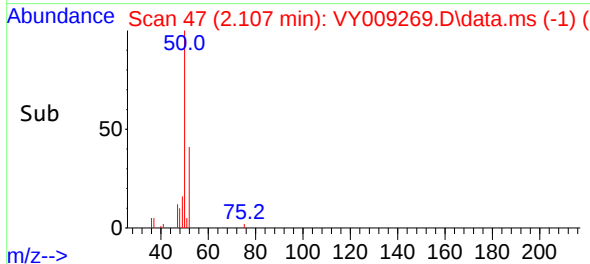
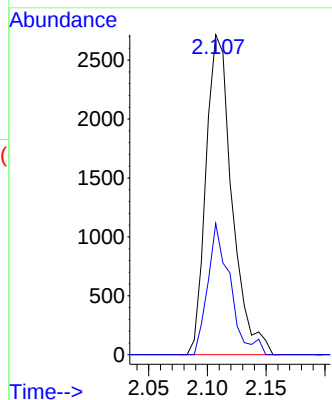
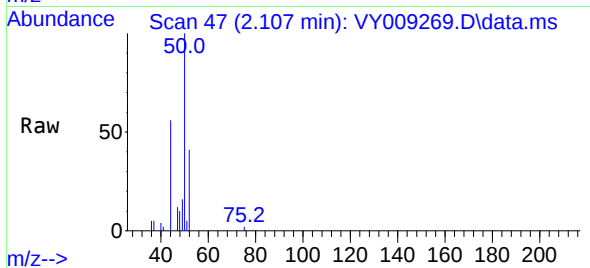




#3
Chloromethane
Concen: 3.16 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

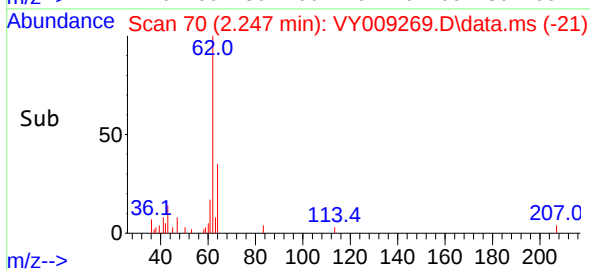
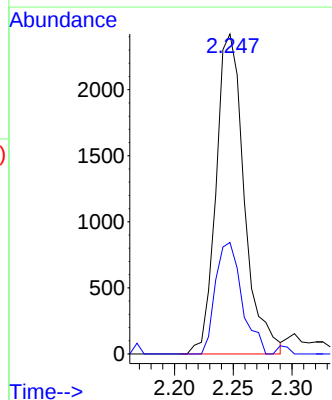
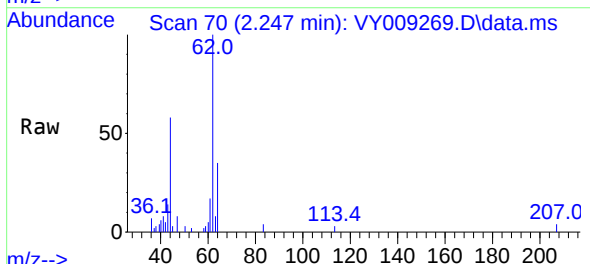
Instrument :
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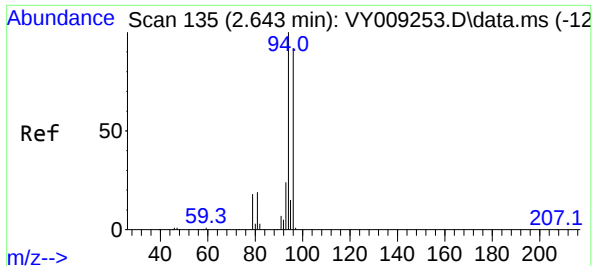
Tgt Ion: 50 Resp: 4182
Ion Ratio Lower Upper
50 100
52 41.0 24.6 37.0#



#4
Vinyl Chloride
Concen: 2.75 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 62 Resp: 4045
Ion Ratio Lower Upper
62 100
64 34.8 25.0 37.6

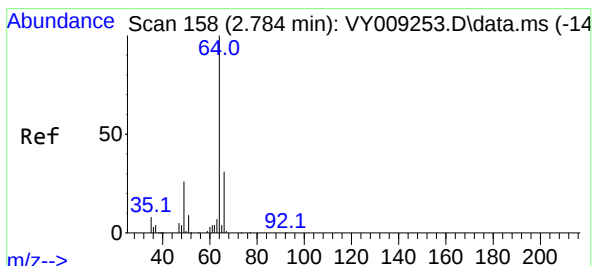
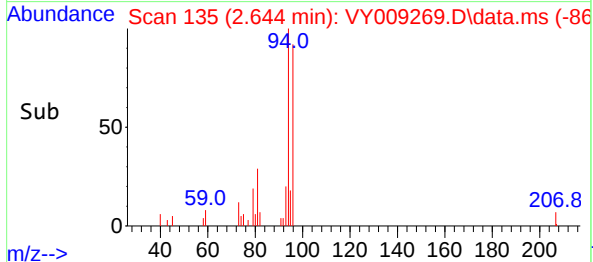
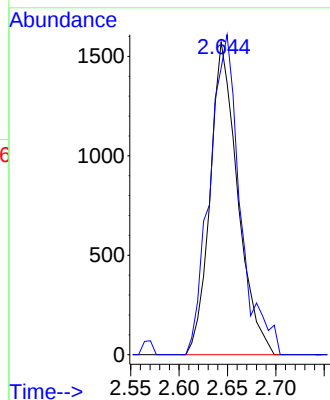
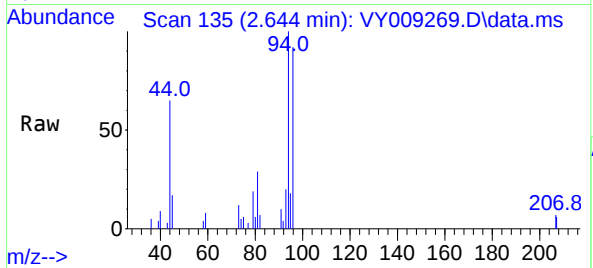




#5
Bromomethane
Concen: 3.05 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009269.D
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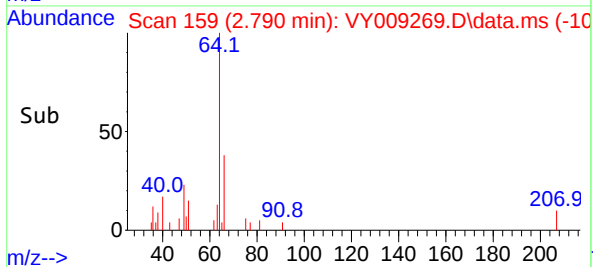
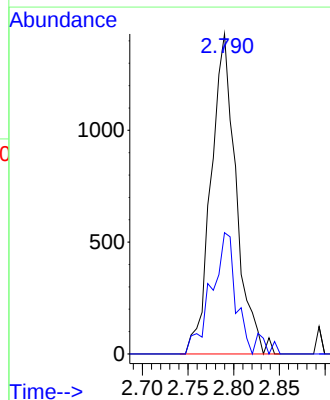
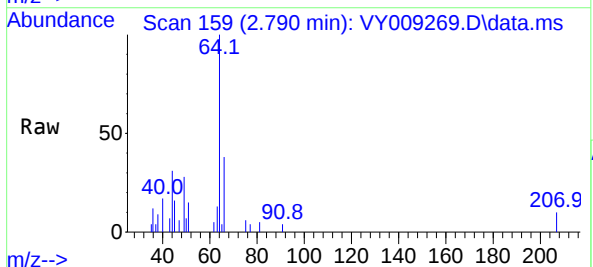
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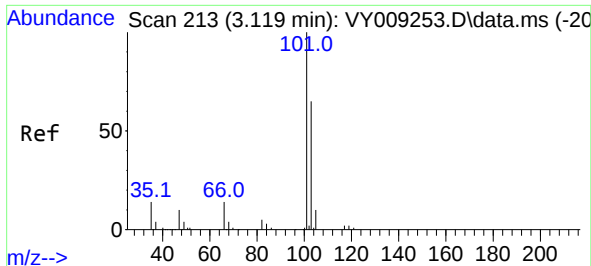
Tgt Ion: 94 Resp: 3122
Ion Ratio Lower Upper
94 100
96 91.7 73.5 110.3



#6
Chloroethane
Concen: 2.78 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 64 Resp: 2724
Ion Ratio Lower Upper
64 100
66 37.9 25.4 38.0

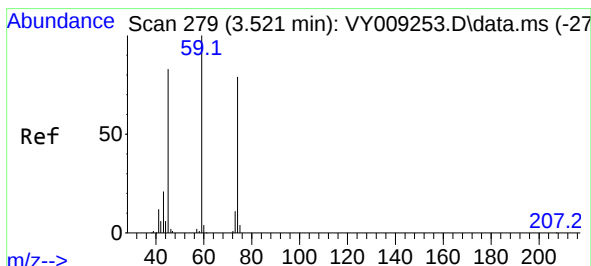
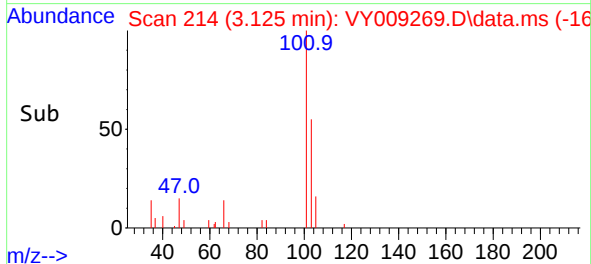
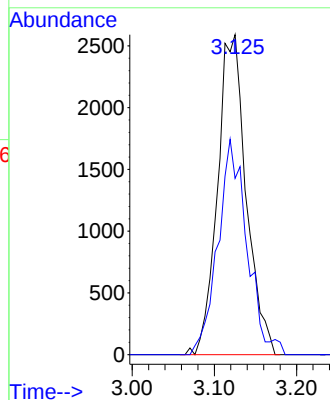
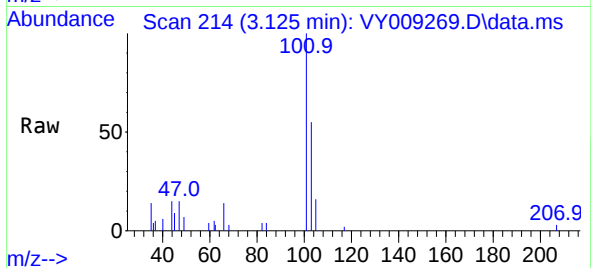




#7
Trichlorofluoromethane
Concen: 2.69 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY009269.D
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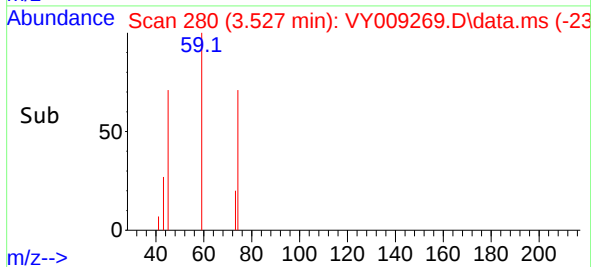
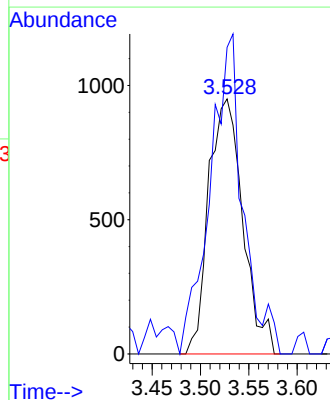
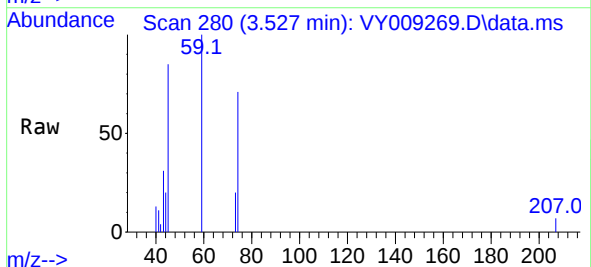
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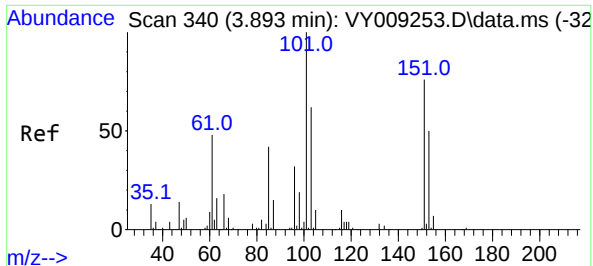
Tgt Ion:101 Resp: 6286
Ion Ratio Lower Upper
101 100
103 55.1 48.0 72.0



#8
Diethyl Ether
Concen: 2.72 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 74 Resp: 2332
Ion Ratio Lower Upper
74 100
45 120.7 55.1 165.5

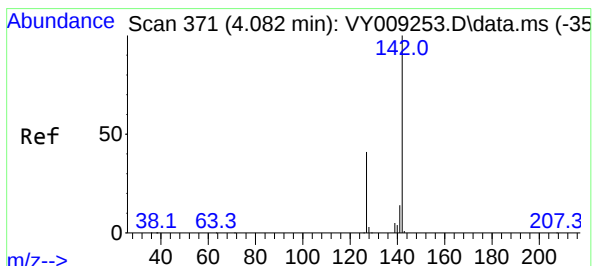
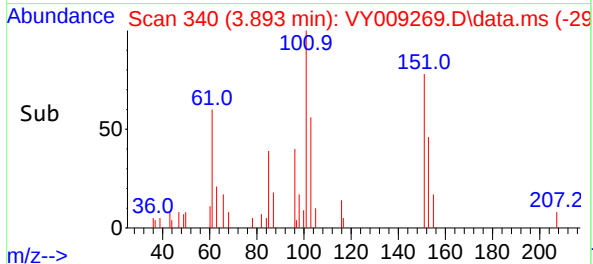
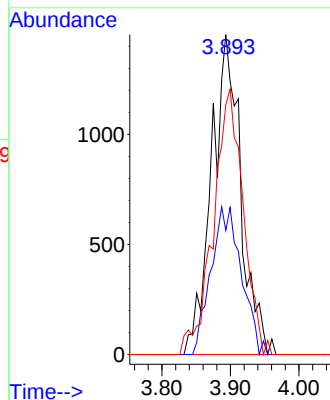
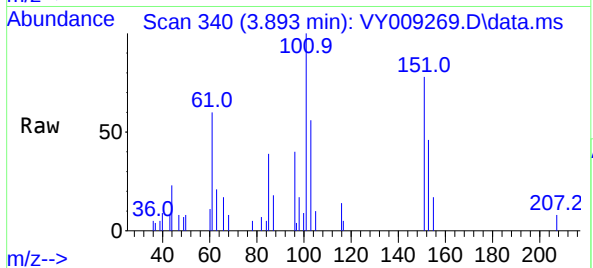




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.90 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

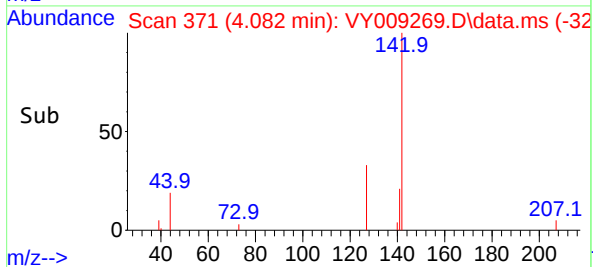
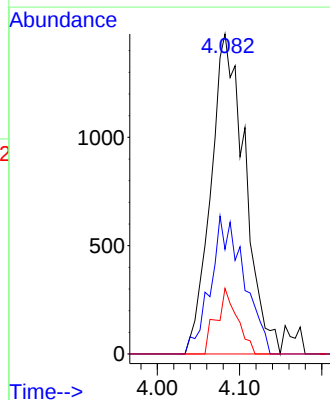
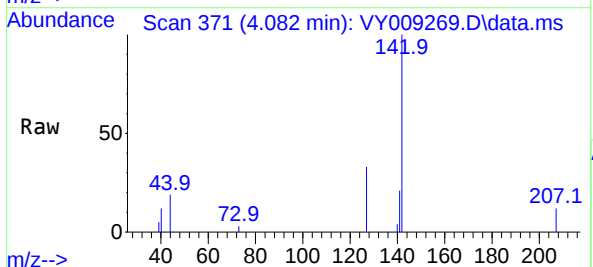
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

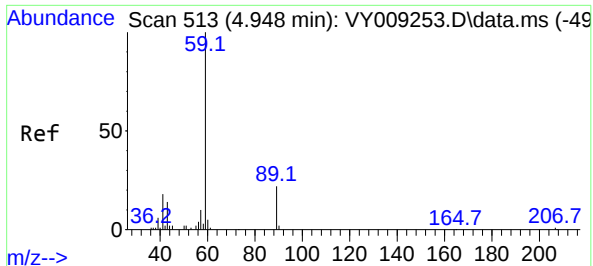
Tgt Ion:101 Resp: 4298
Ion Ratio Lower Upper
101 100
85 48.3 40.6 60.8
151 84.7 64.9 97.3



#10
Methyl Iodide
Concen: 2.36 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:142 Resp: 4269
Ion Ratio Lower Upper
142 100
127 42.2 41.5 62.3
141 12.6 11.9 17.9





#11

Tert butyl alcohol

Concen: 22.80 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

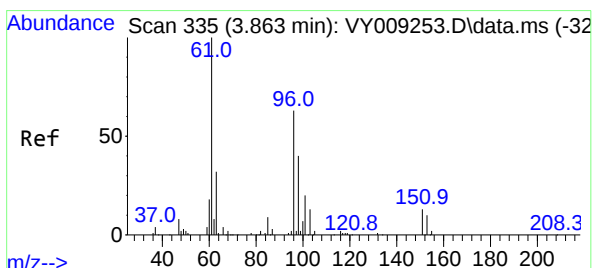
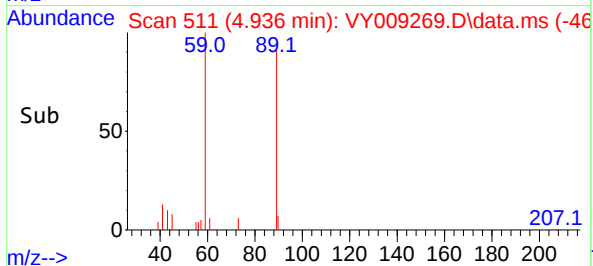
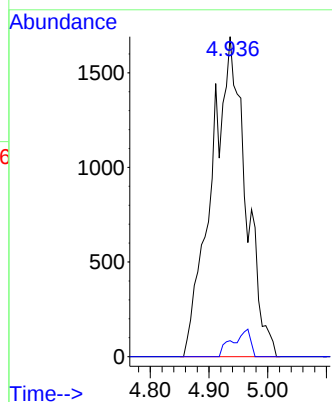
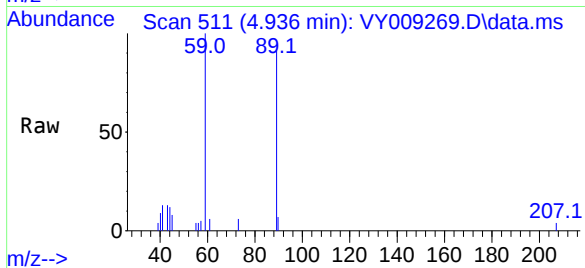
MDL-SOIL-03-QT2-2022

Tgt Ion: 59 Resp: 6900

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 2.89 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

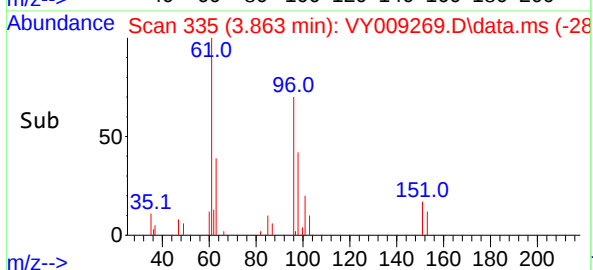
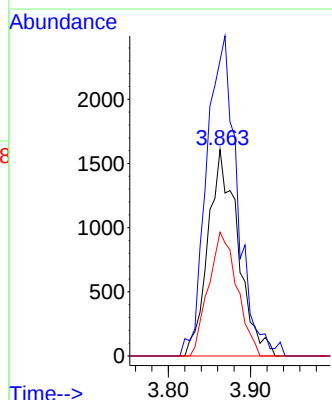
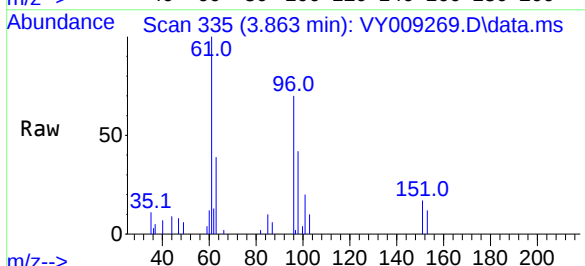
Tgt Ion: 96 Resp: 4073

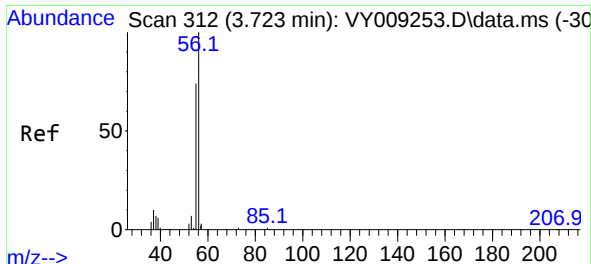
Ion Ratio Lower Upper

96 100

61 143.2 145.8 218.6#

98 60.0 52.5 78.7

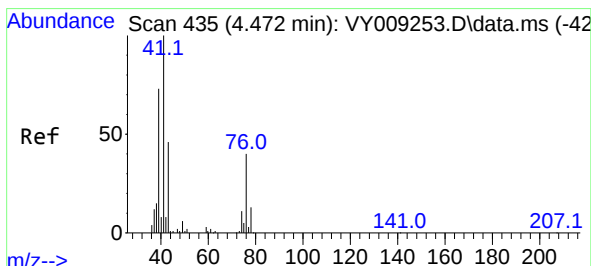
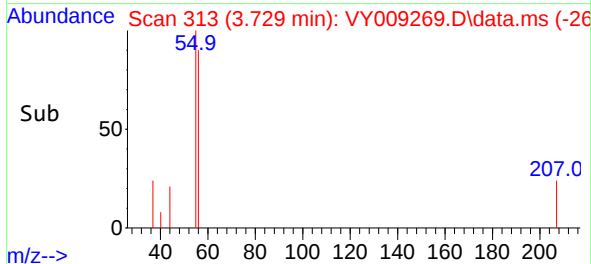
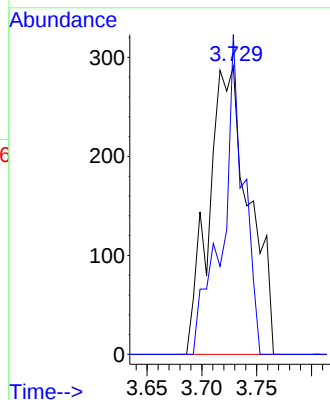
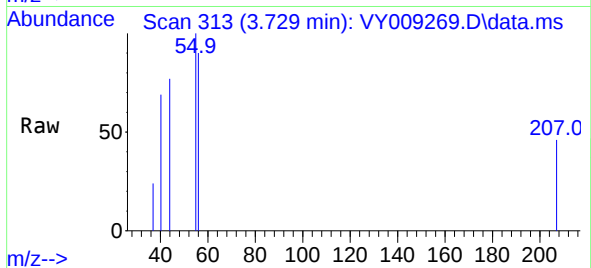




#13
Acrolein
Concen: 11.08 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

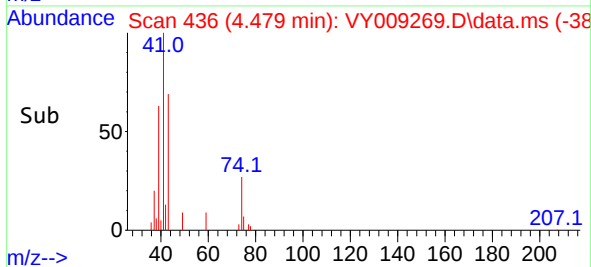
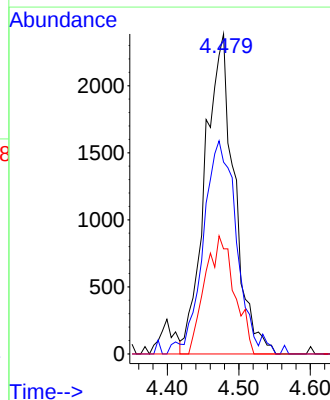
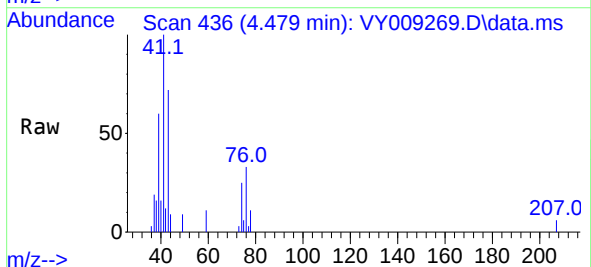
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

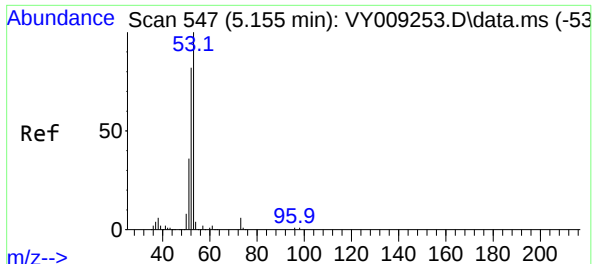
Tgt Ion: 56 Resp: 744
Ion Ratio Lower Upper
56 100
55 59.1 57.6 86.4



#14
Allyl chloride
Concen: 2.68 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 41 Resp: 6790
Ion Ratio Lower Upper
41 100
39 74.7 58.8 88.2
76 37.2 25.1 37.7





#15

Acrylonitrile

Concen: 7.05 ug/l

RT: 5.149 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

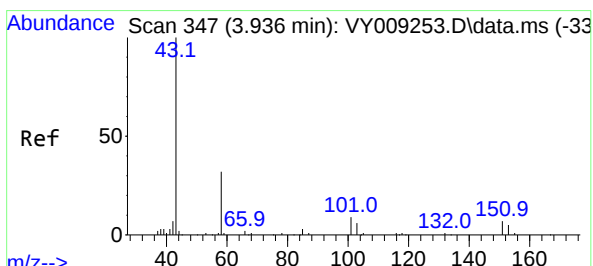
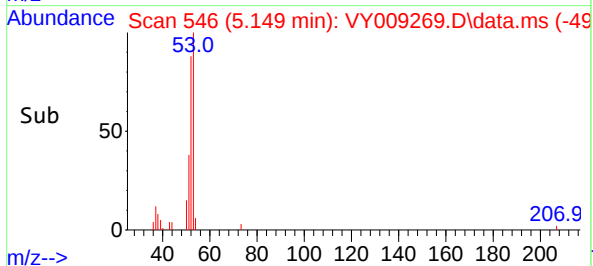
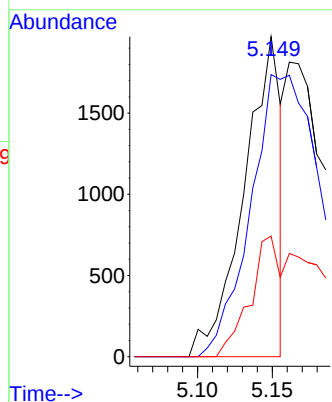
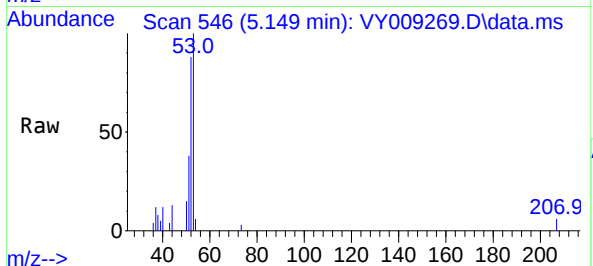
MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 53 Resp: 3367

Ion	Ratio	Lower	Upper
53	100		
52	171.2	67.0	100.4#
51	30.5	29.8	44.6



#16

Acetone

Concen: 16.98 ug/l

RT: 3.948 min Scan# 349

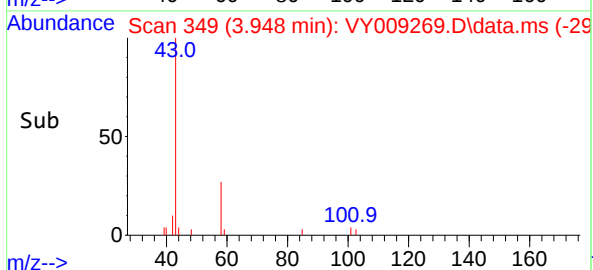
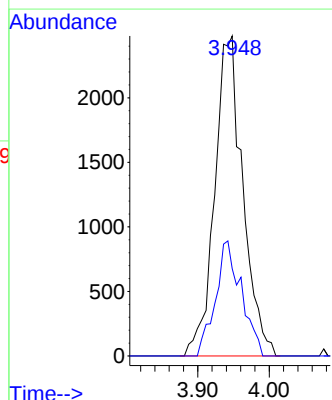
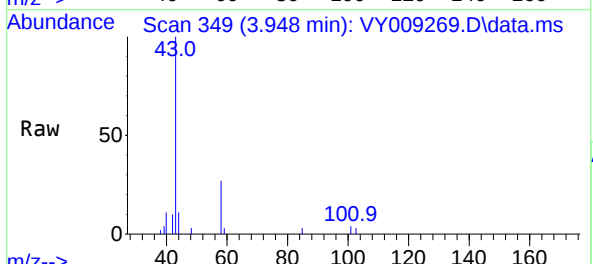
Delta R.T. 0.012 min

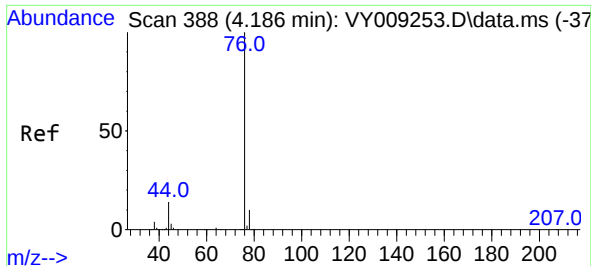
Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Tgt Ion: 43 Resp: 6782

Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.0	33.0

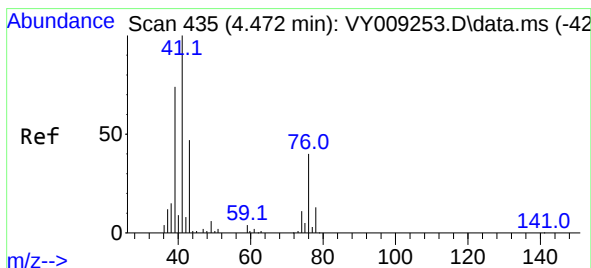
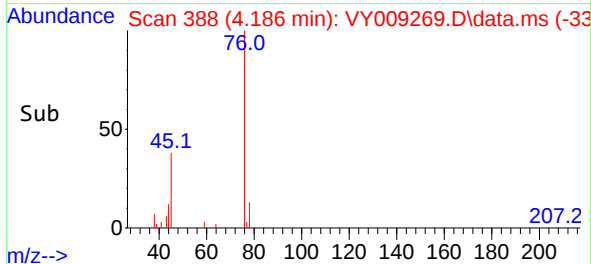
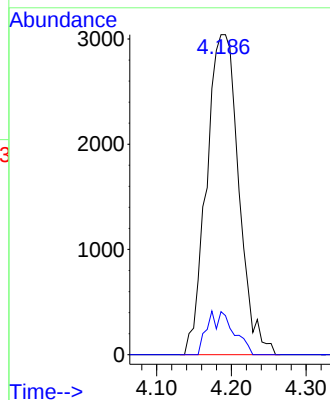
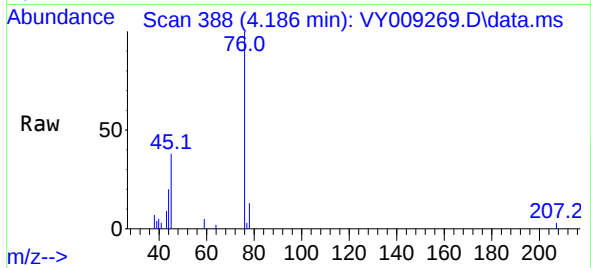




#17
Carbon Disulfide
Concen: 2.32 ug/l
RT: 4.186 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

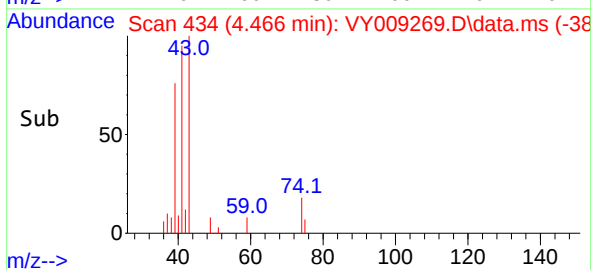
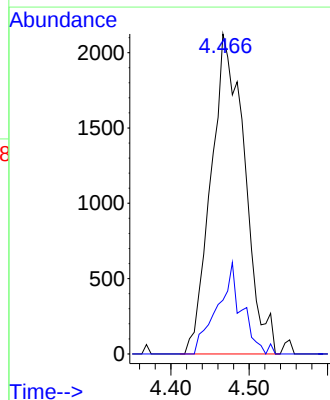
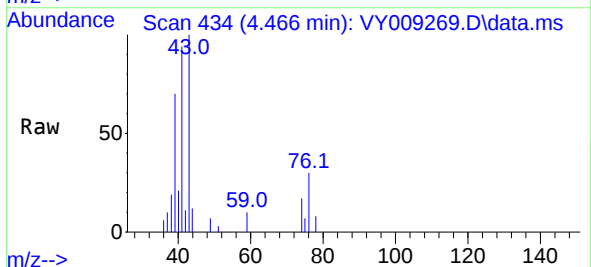
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

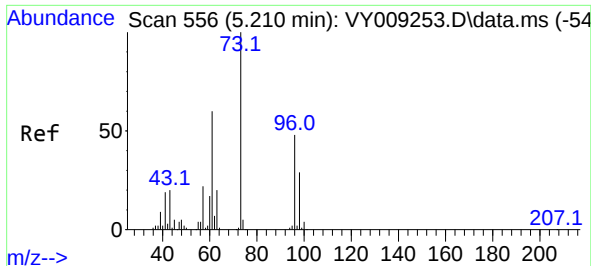
Tgt Ion: 76 Resp: 9106
Ion Ratio Lower Upper
76 100
78 13.4 7.4 11.0#



#18
Methyl Acetate
Concen: 4.61 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 43 Resp: 6323
Ion Ratio Lower Upper
43 100
74 20.6 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 2.63 ug/l

RT: 5.210 min Scan# 511

Delta R.T. 0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

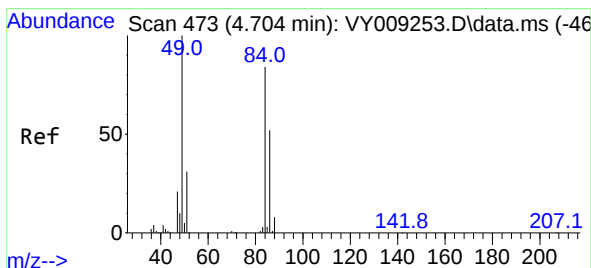
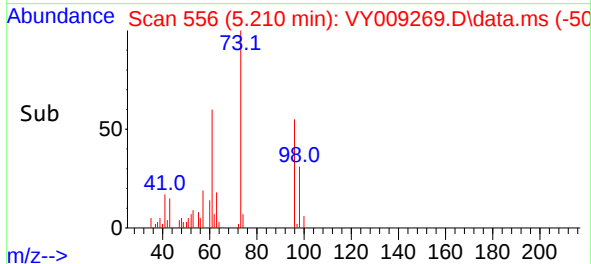
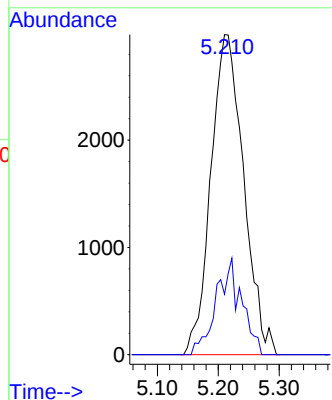
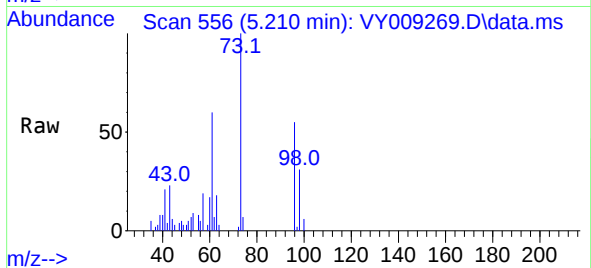
MDL-SOIL-03-QT2-2022

Tgt Ion: 73 Resp: 11136

Ion Ratio Lower Upper

73 100

57 18.9 18.6 27.8



#20

Methylene Chloride

Concen: 4.71 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Tgt Ion: 84 Resp: 12454

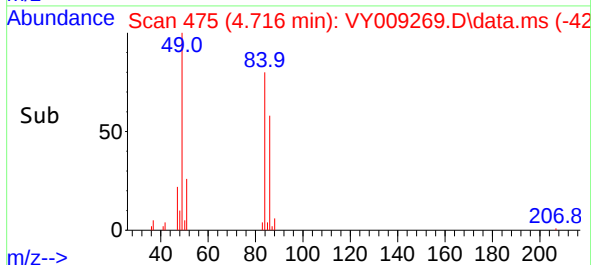
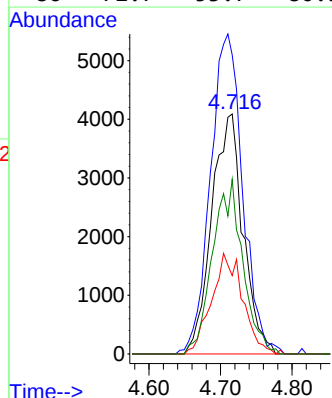
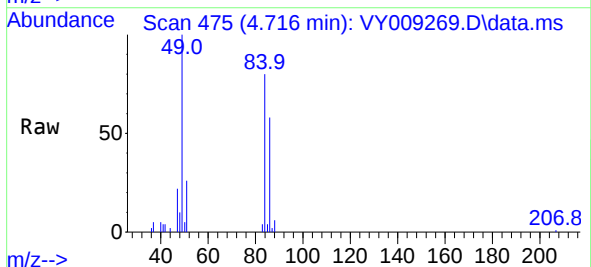
Ion Ratio Lower Upper

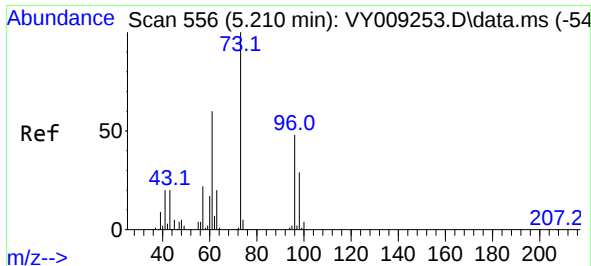
84 100

49 123.0 114.4 171.6

51 32.7 35.3 52.9#

86 72.7 53.7 80.5

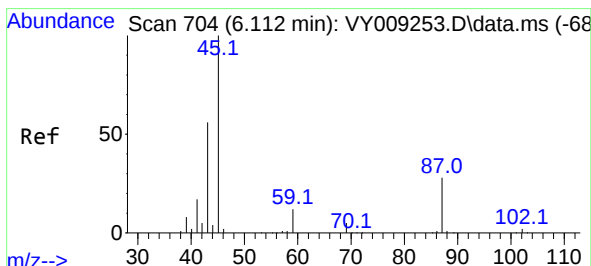
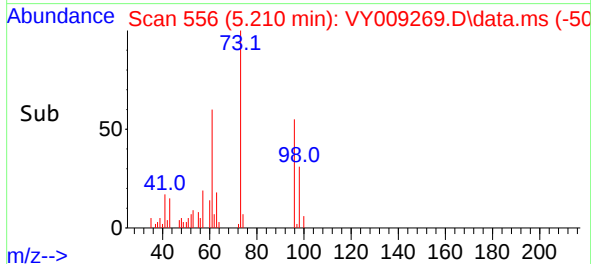
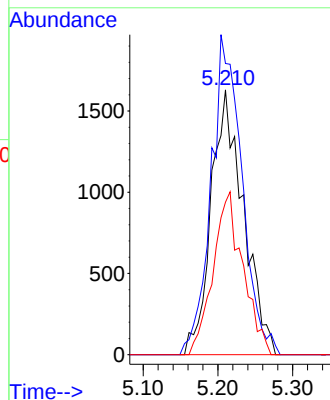
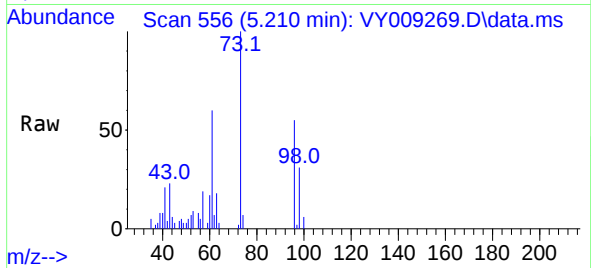




#21
trans-1,2-Dichloroethene
Concen: 2.93 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

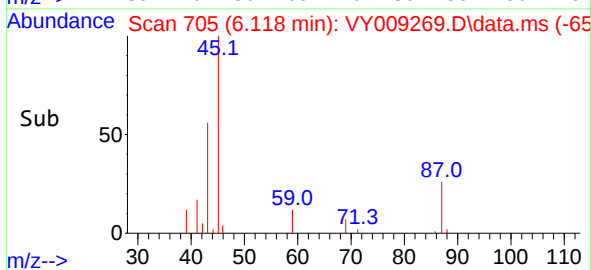
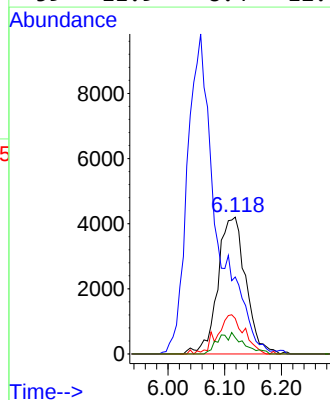
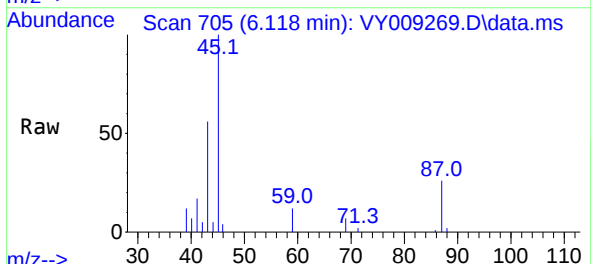
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

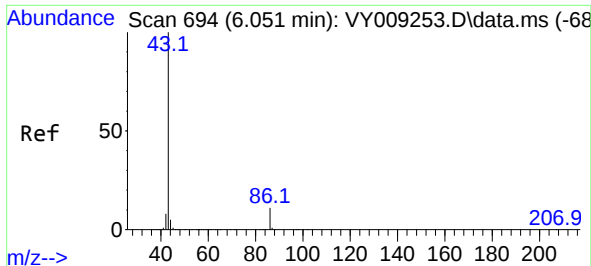
Tgt Ion: 96 Resp: 4897
Ion Ratio Lower Upper
96 100
61 110.0 120.5 180.7#
98 57.6 49.8 74.8



#22
Diisopropyl ether
Concen: 2.69 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 45 Resp: 14329
Ion Ratio Lower Upper
45 100
43 53.6 49.3 73.9
87 26.0 19.2 28.8
59 11.9 8.4 12.6

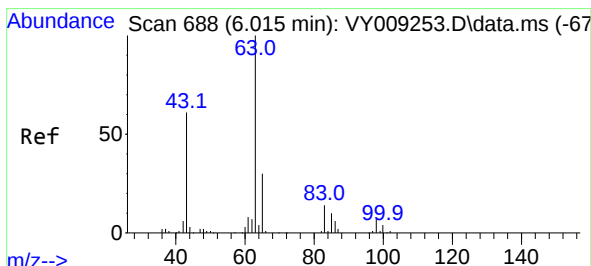
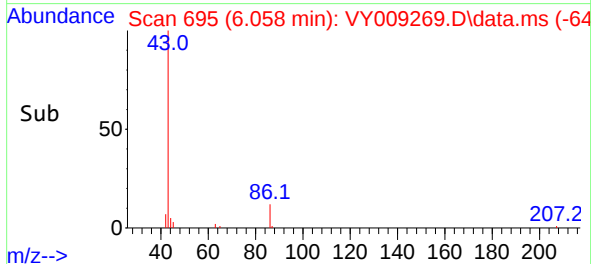
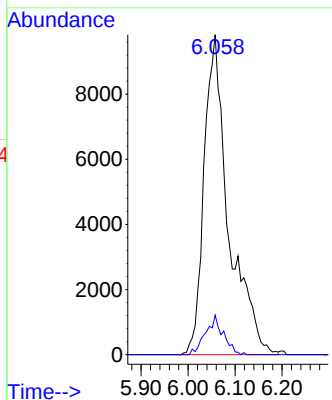
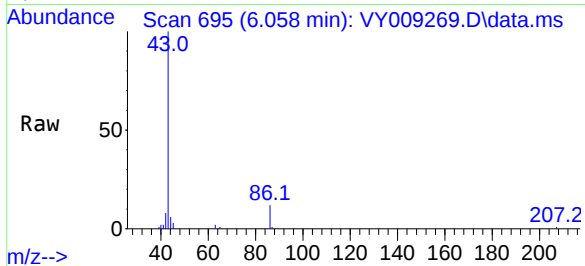




#23
 Vinyl Acetate
 Concen: 10.89 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VY009269.D
 Acq: 22 Jun 2022 13:13

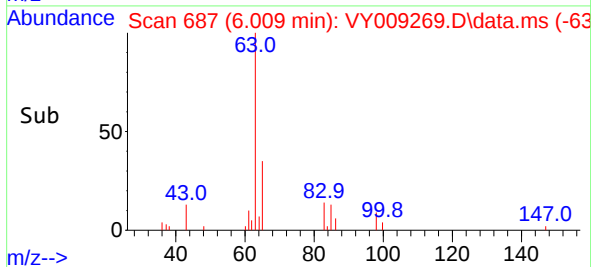
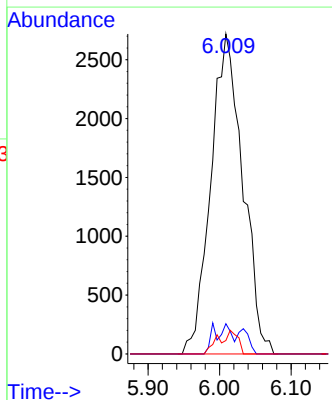
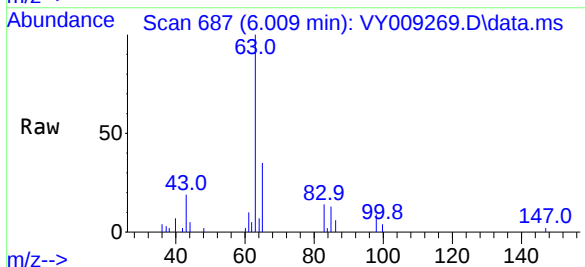
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

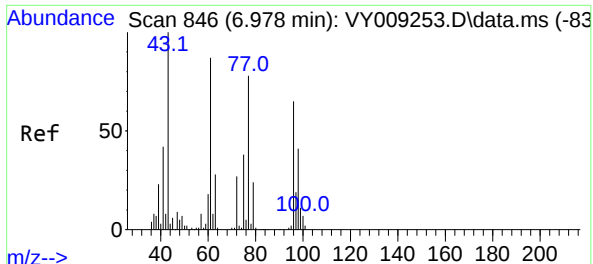
Tgt Ion: 43 Resp: 35595
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 2.80 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009269.D
 Acq: 22 Jun 2022 13:13

Tgt Ion: 63 Resp: 8442
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.6 10.8
 100 4.2 2.0 5.8

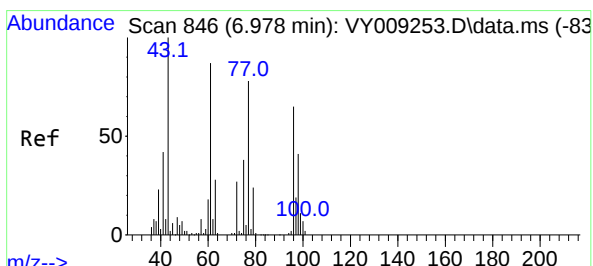
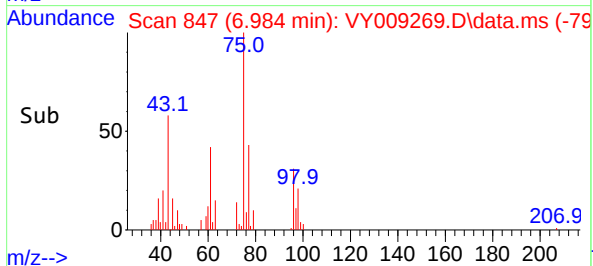
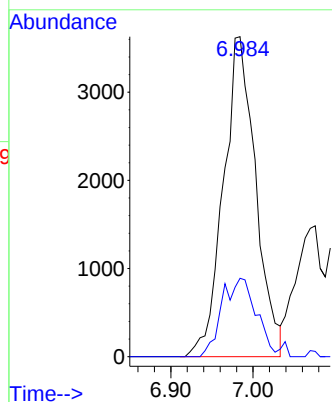
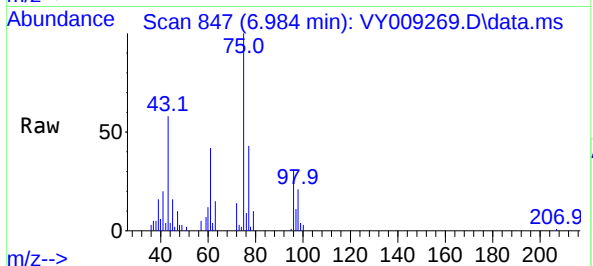




#25
2-Butanone
Concen: 15.40 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

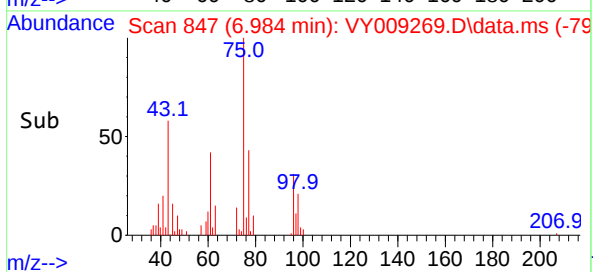
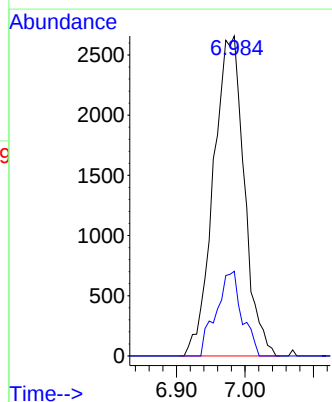
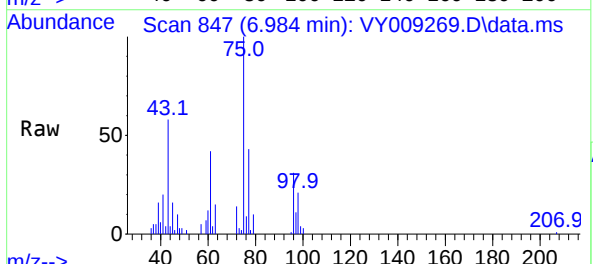
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

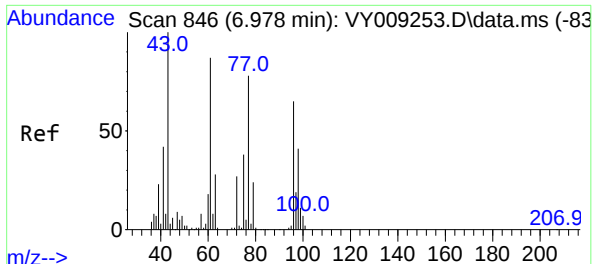
Tgt Ion: 43 Resp: 9937
Ion Ratio Lower Upper
43 100
72 24.5 17.7 26.5



#26
2,2-Dichloropropane
Concen: 2.92 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 77 Resp: 8277
Ion Ratio Lower Upper
77 100
97 22.0 10.4 31.4

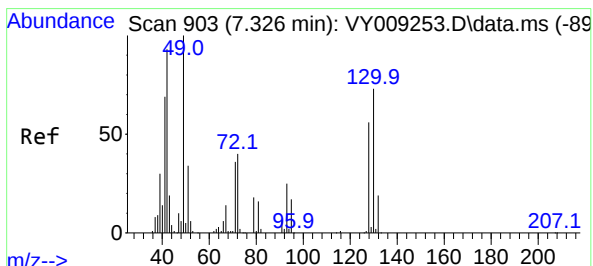
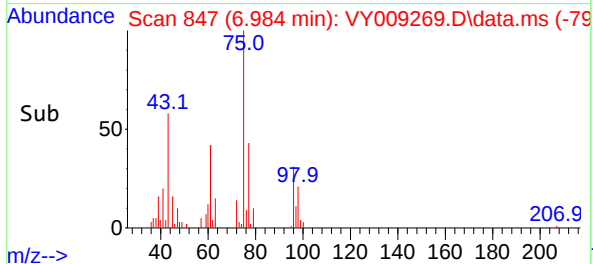
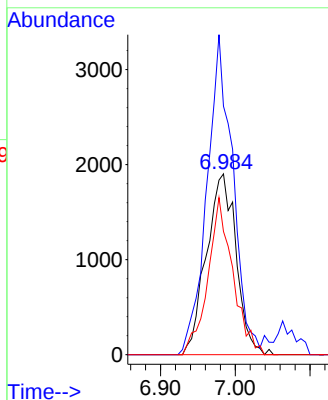
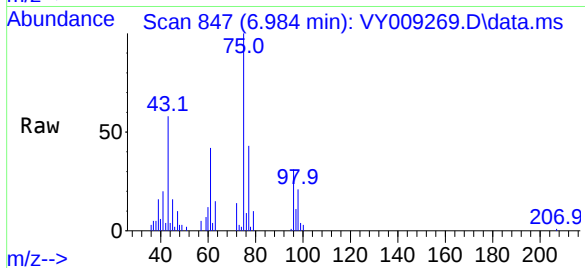




#27
cis-1,2-Dichloroethene
Concen: 2.68 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

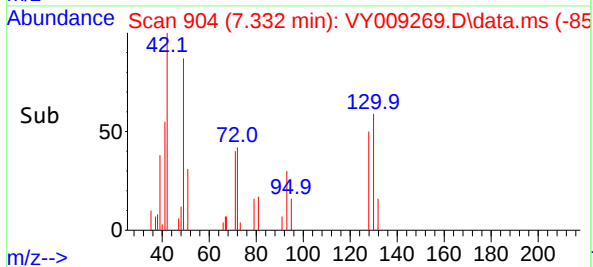
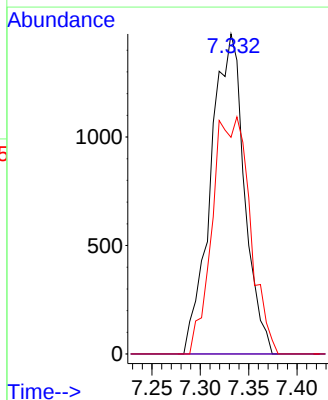
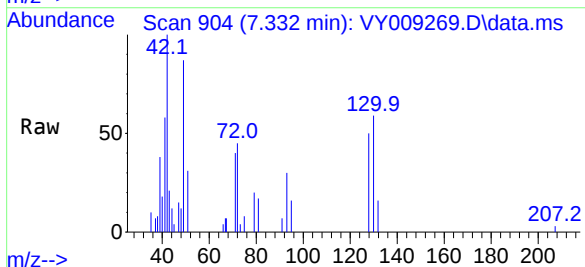
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

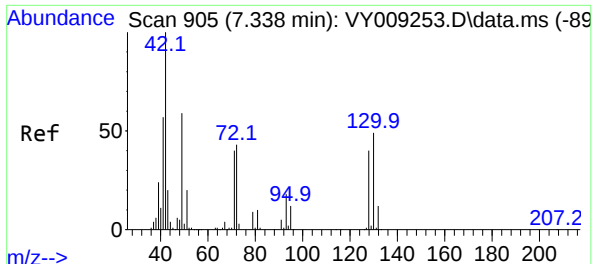
Tgt Ion: 96 Resp: 5245
Ion Ratio Lower Upper
96 100
61 153.9 0.0 319.8
98 72.9 0.0 127.0



#28
Bromochloromethane
Concen: 2.74 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 49 Resp: 3563
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 83.0 55.4 83.0

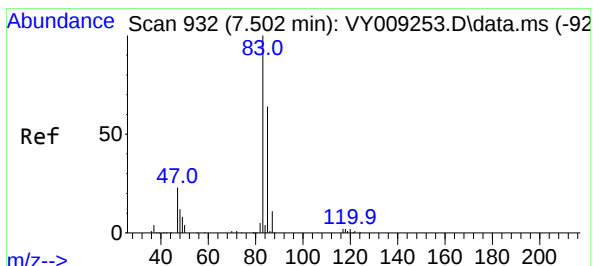
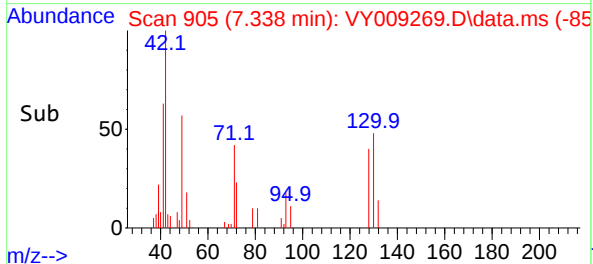
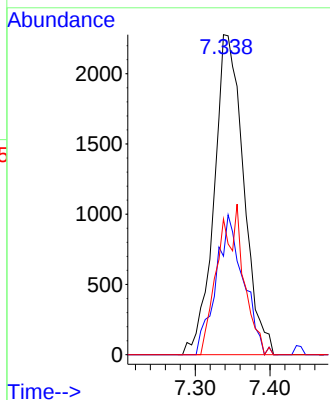
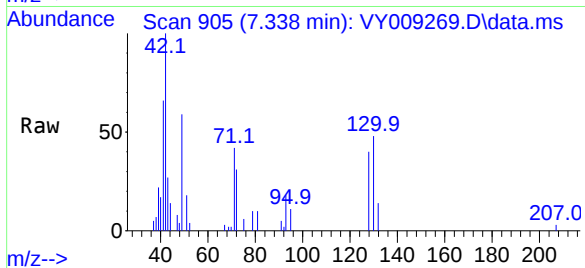




#29
Tetrahydrofuran
Concen: 15.34 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

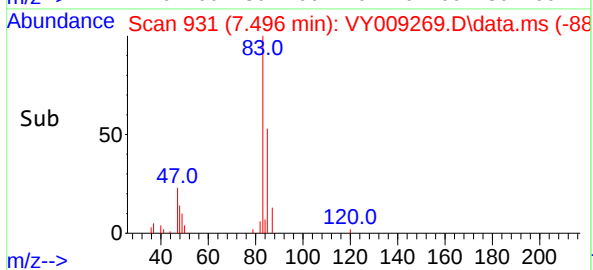
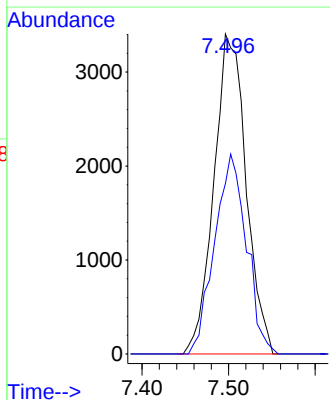
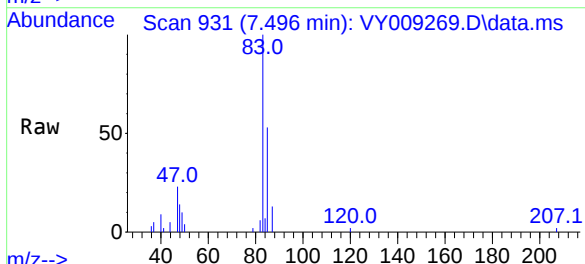
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

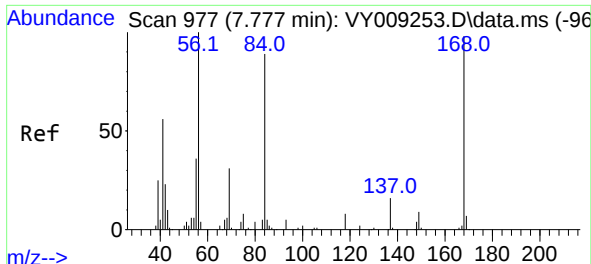
Tgt Ion:	42	Resp:	6267
Ion	Ratio	Lower	Upper
42	100		
72	40.6	30.3	45.5
71	40.9	29.0	43.4



#30
Chloroform
Concen: 2.83 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:	83	Resp:	8788
Ion	Ratio	Lower	Upper
83	100		
85	53.2	51.8	77.6

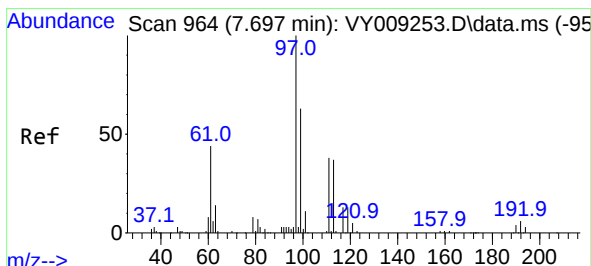
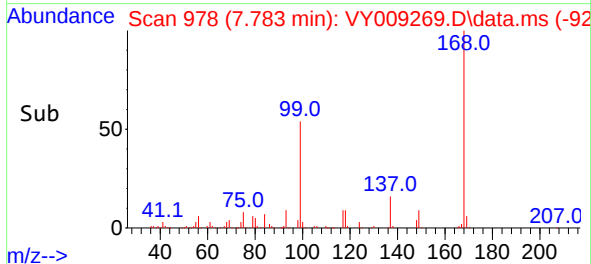
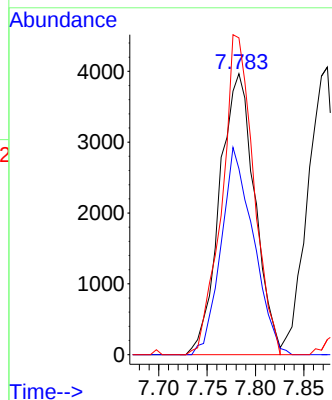
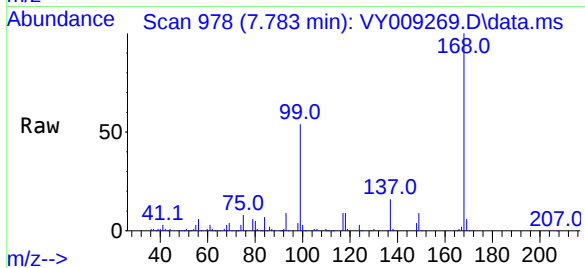




#31
Cyclohexane
Concen: 3.58 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

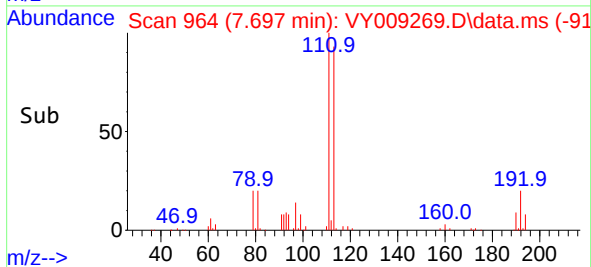
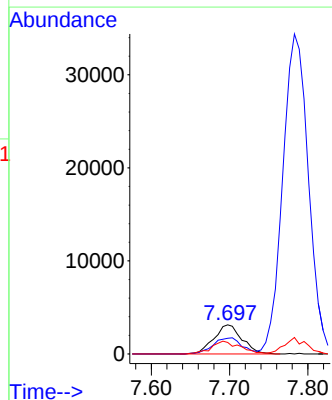
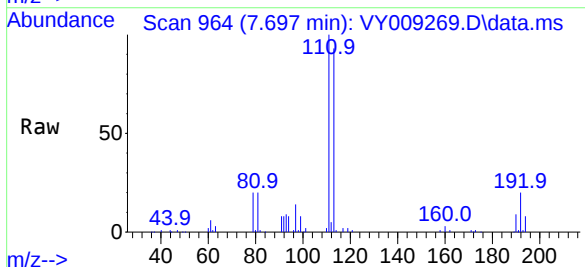
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

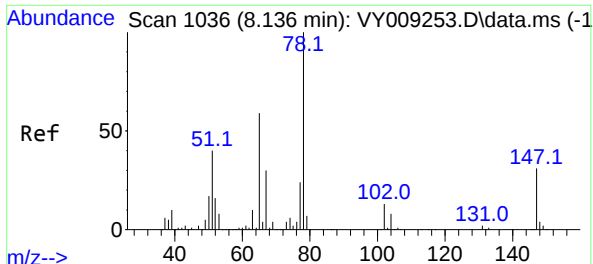
Tgt Ion: 56 Resp: 10042
Ion Ratio Lower Upper
56 100
69 66.1 26.7 40.1#
84 112.7 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 2.87 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 97 Resp: 7768
Ion Ratio Lower Upper
97 100
99 57.4 50.7 76.1
61 45.1 37.6 56.4

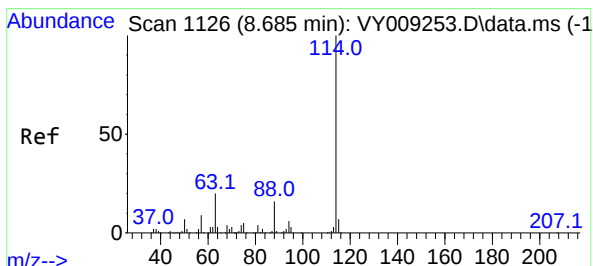
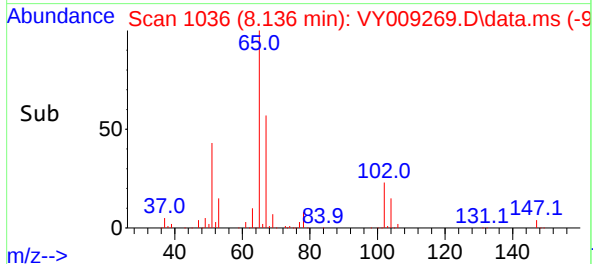
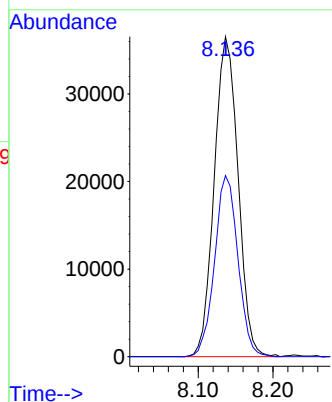
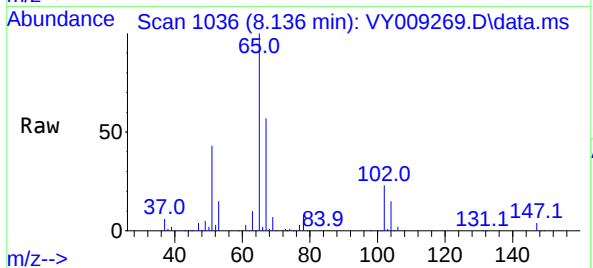




#33
1,2-Dichloroethane-d4
Concen: 50.01 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

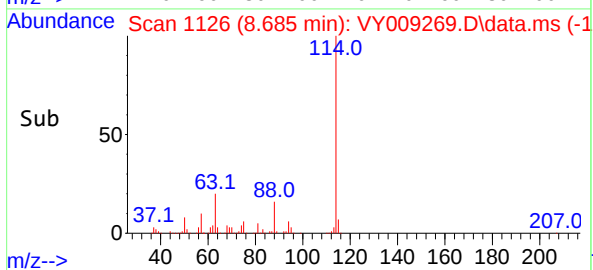
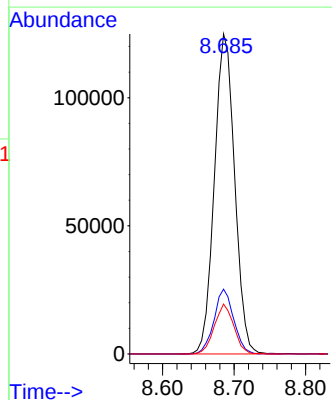
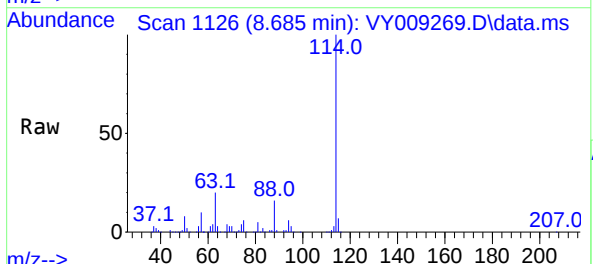
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

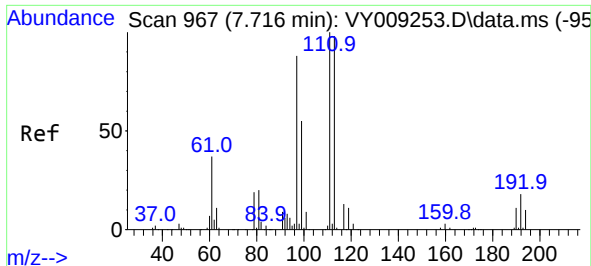
Tgt Ion: 65 Resp: 80842
Ion Ratio Lower Upper
65 100
67 55.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 114 Resp: 245699
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.2
88 15.6 0.0 31.8

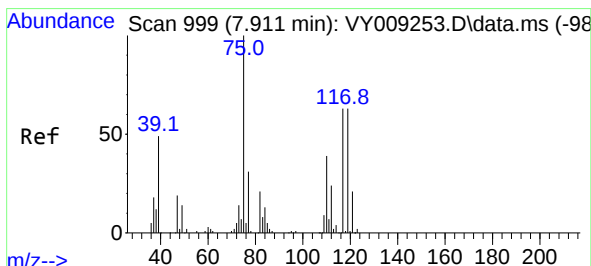
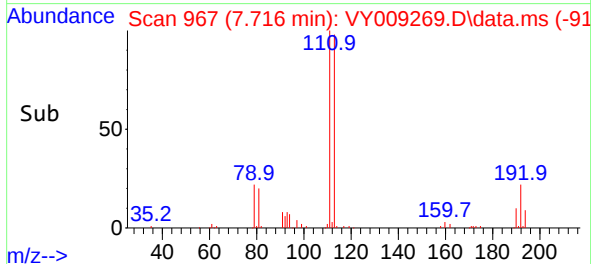
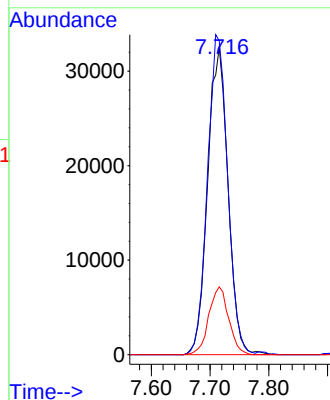
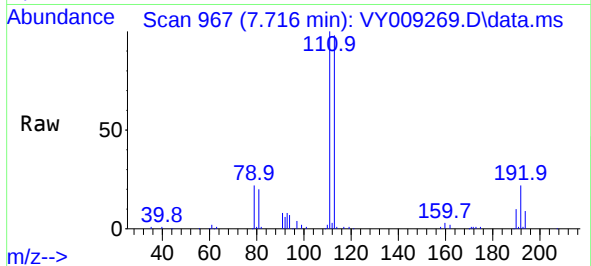




#35
Dibromofluoromethane
Concen: 49.35 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

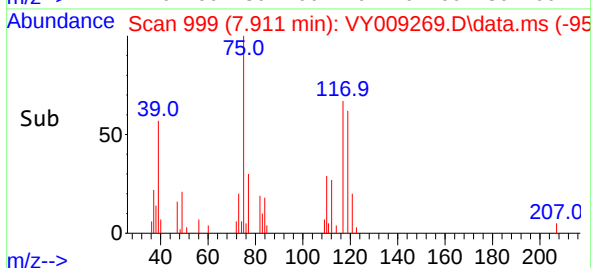
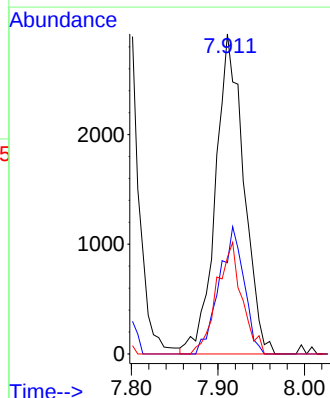
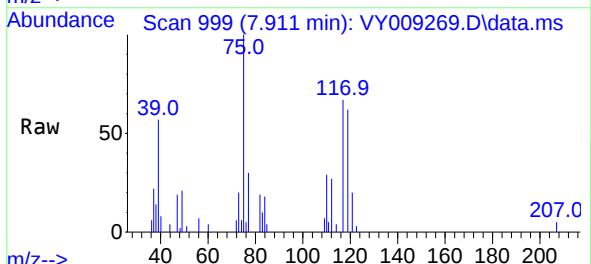
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

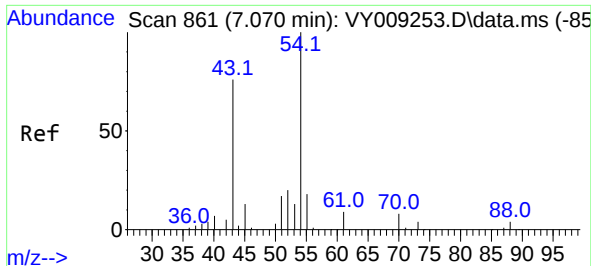
Tgt Ion:113 Resp: 78529
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 21.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 2.73 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 75 Resp: 6617
Ion Ratio Lower Upper
75 100
110 34.9 17.1 51.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 2.96 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

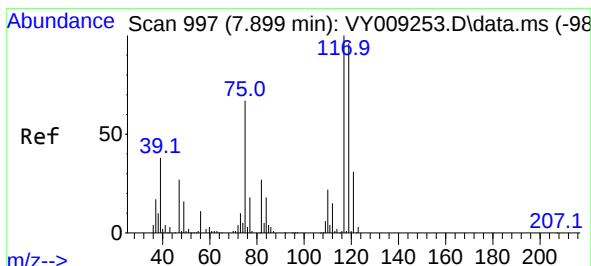
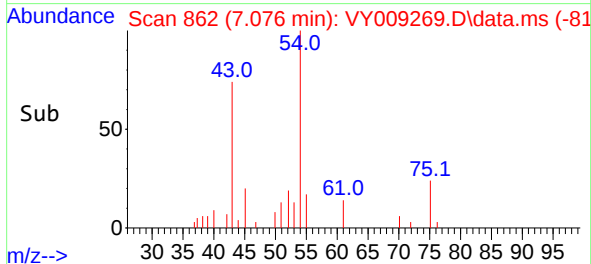
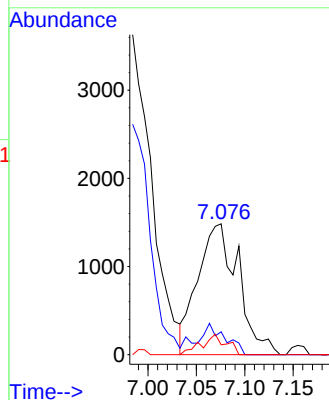
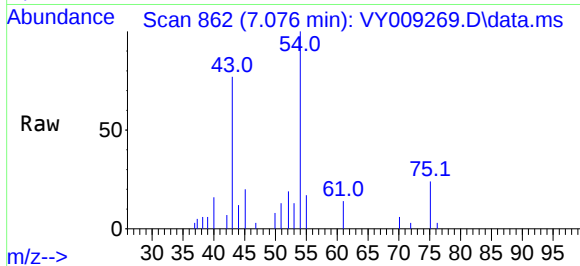
Tgt Ion: 43 Resp: 4331

Ion Ratio Lower Upper

43 100

61 12.5 9.7 14.5

70 9.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 2.67 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

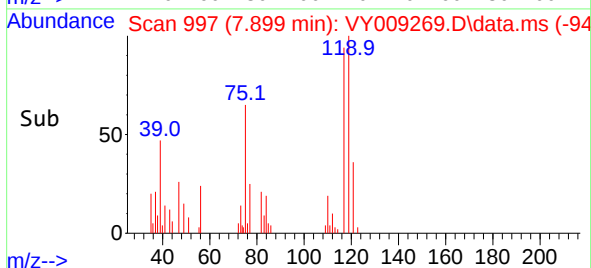
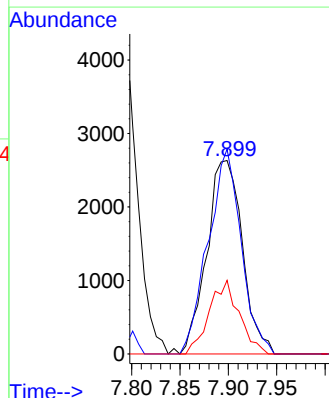
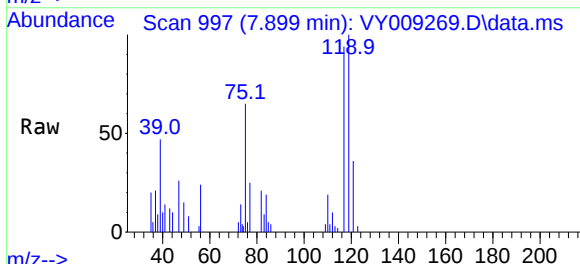
Tgt Ion: 117 Resp: 6724

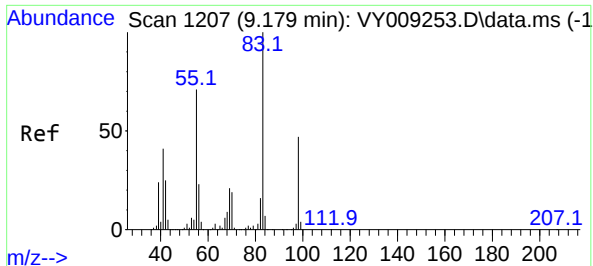
Ion Ratio Lower Upper

117 100

119 105.9 77.9 116.9

121 38.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 2.64 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

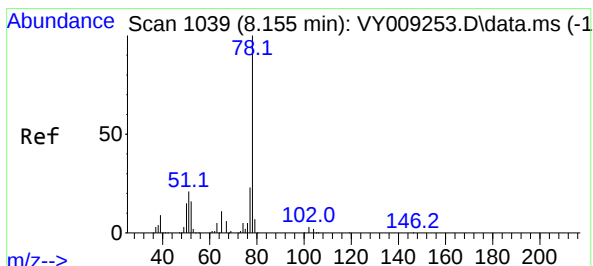
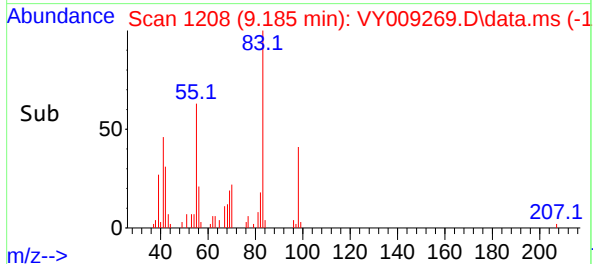
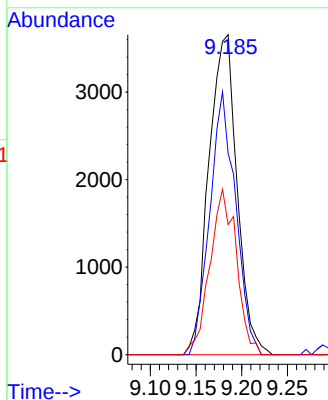
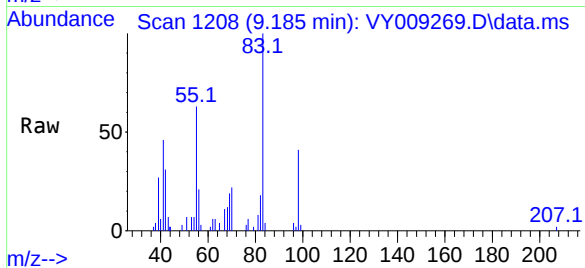
Tgt Ion: 83 Resp: 7832

Ion Ratio Lower Upper

83 100

55 62.9 66.5 99.7#

98 40.7 37.9 56.9



#40

Benzene

Concen: 2.67 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009269.D

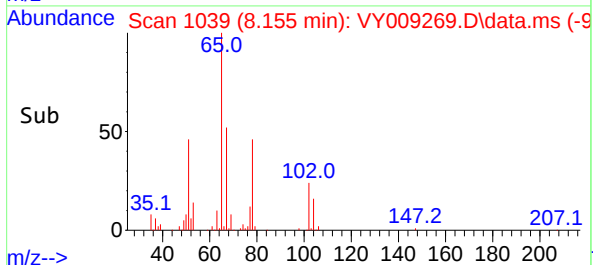
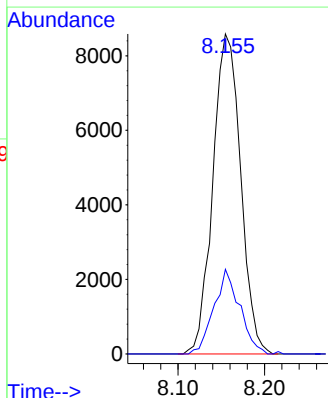
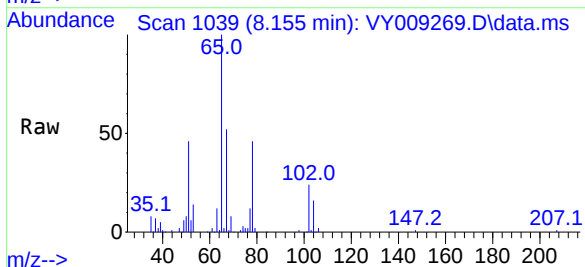
Acq: 22 Jun 2022 13:13

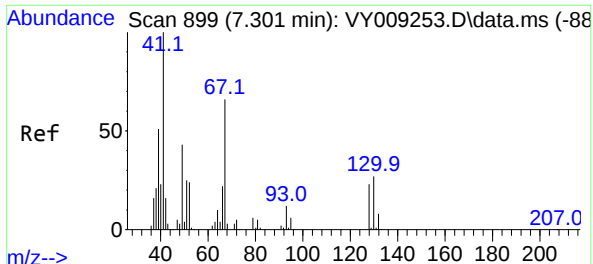
Tgt Ion: 78 Resp: 19136

Ion Ratio Lower Upper

78 100

77 26.4 20.4 30.6

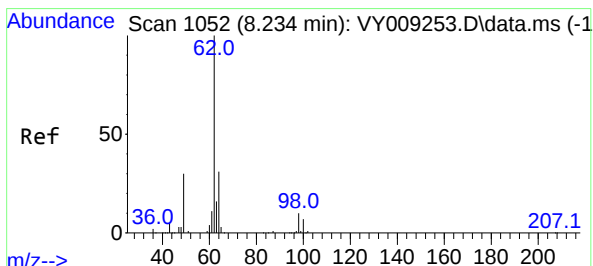
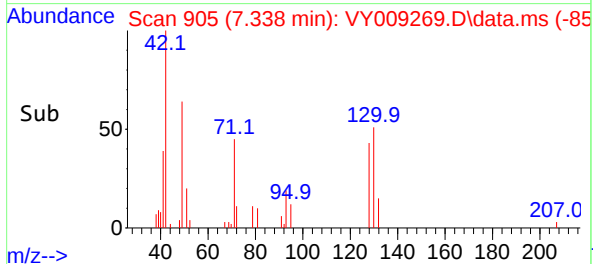
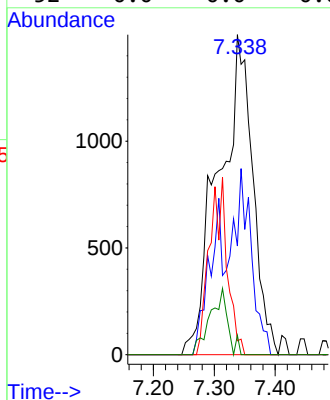
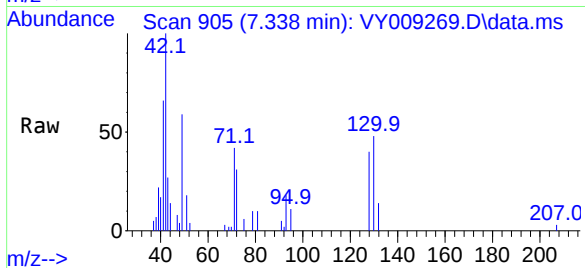




#41
Methacrylonitrile
Concen: 7.17 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

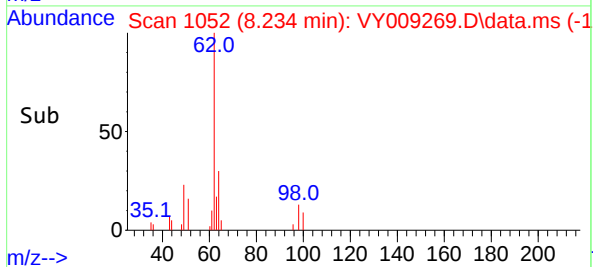
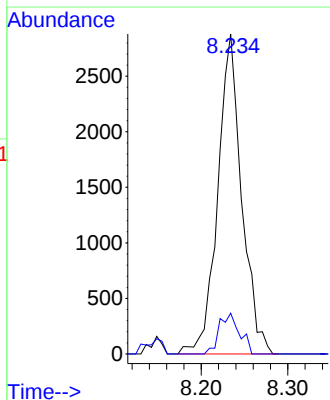
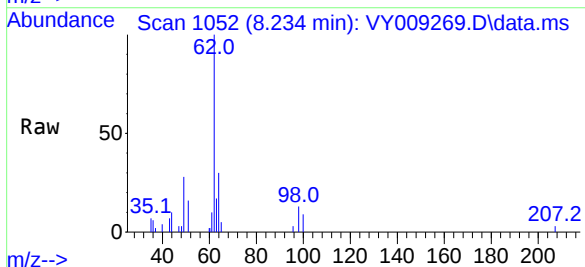
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

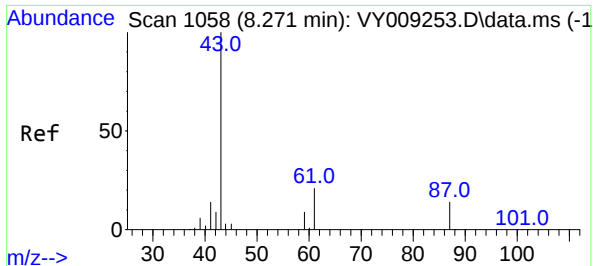
Tgt Ion: 41 Resp: 5822
Ion Ratio Lower Upper
41 100
39 30.5 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 2.69 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 62 Resp: 5537
Ion Ratio Lower Upper
62 100
98 10.8 0.0 14.8

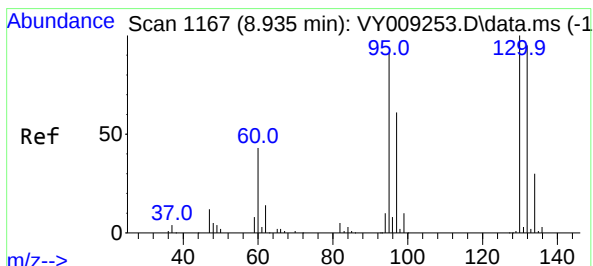
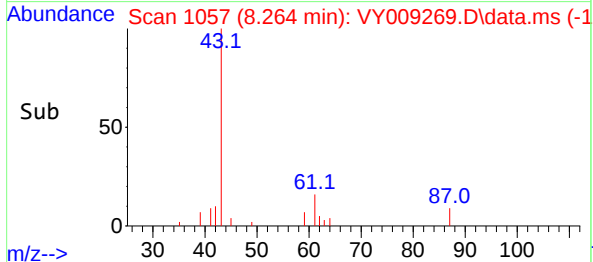
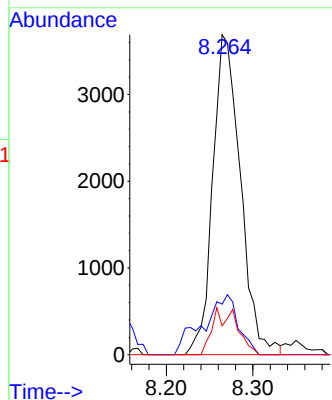
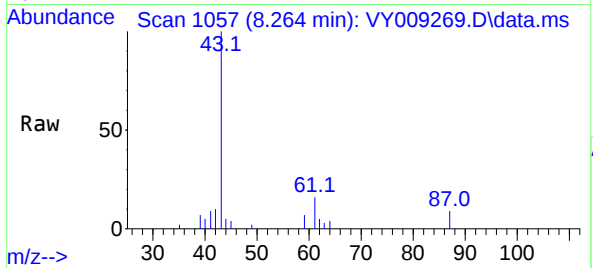




#43
Isopropyl Acetate
Concen: 3.06 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

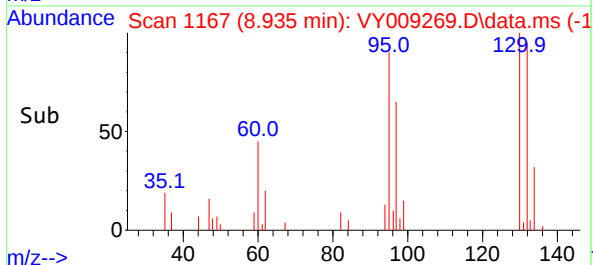
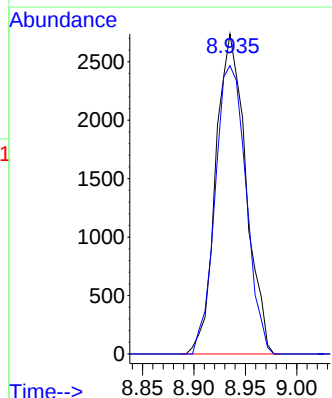
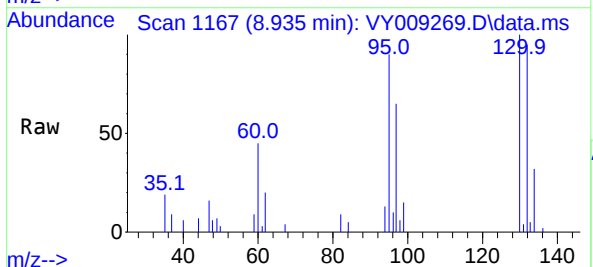
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

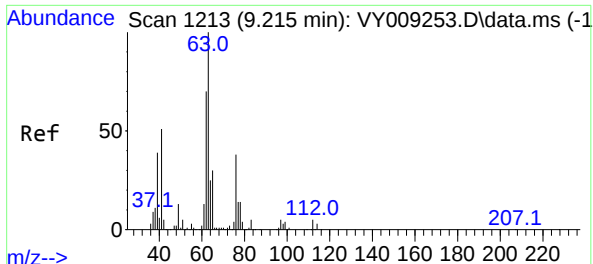
Tgt Ion: 43 Resp: 8200
Ion Ratio Lower Upper
43 100
61 16.6 20.2 30.2#
87 5.8 8.9 13.3#



#44
Trichloroethene
Concen: 2.76 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:130 Resp: 5575
Ion Ratio Lower Upper
130 100
95 90.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 2.63 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

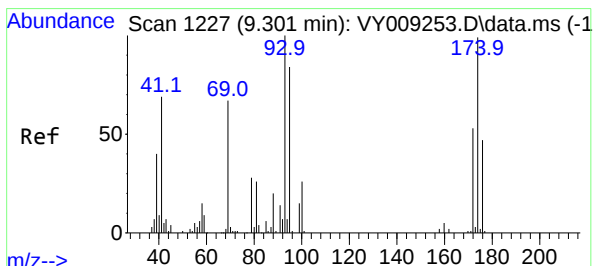
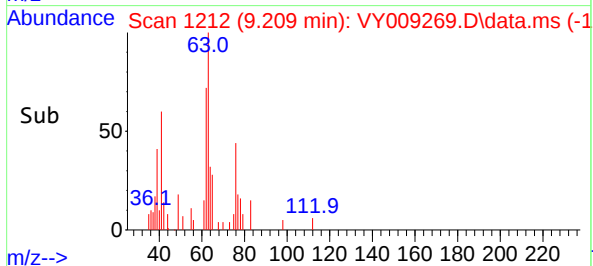
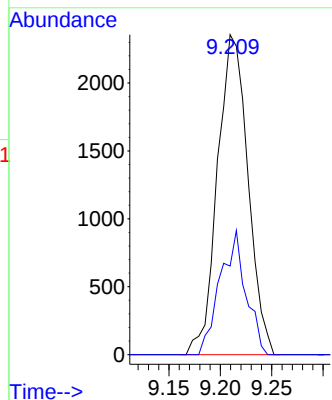
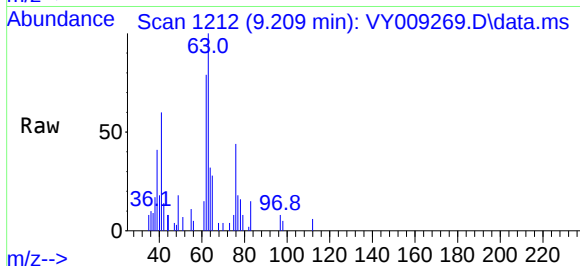
MDL-SOIL-03-QT2-2022

Tgt Ion: 63 Resp: 4860

Ion Ratio Lower Upper

63 100

65 27.7 23.0 34.6



#46

Dibromomethane

Concen: 2.79 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

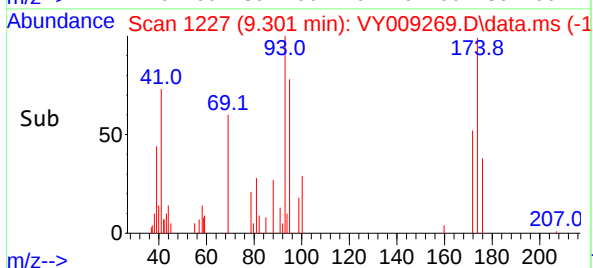
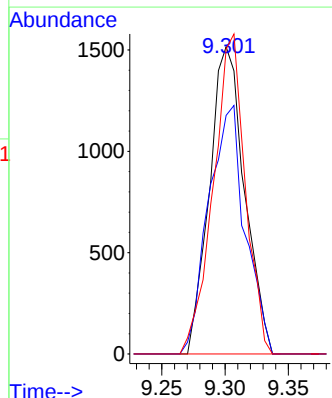
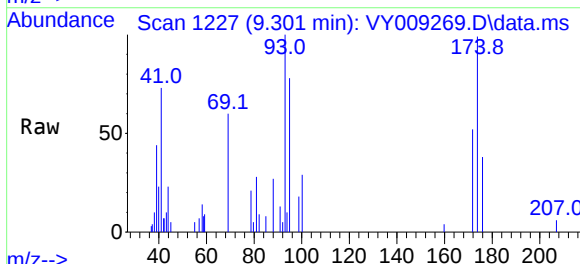
Tgt Ion: 93 Resp: 2930

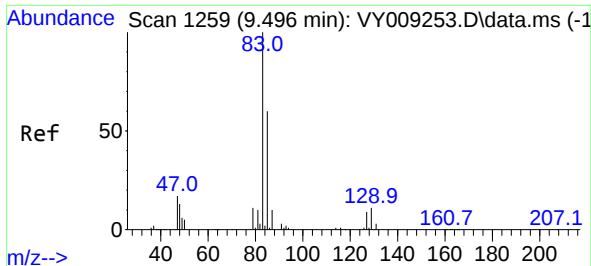
Ion Ratio Lower Upper

93 100

95 84.2 64.3 96.5

174 94.7 83.4 125.0

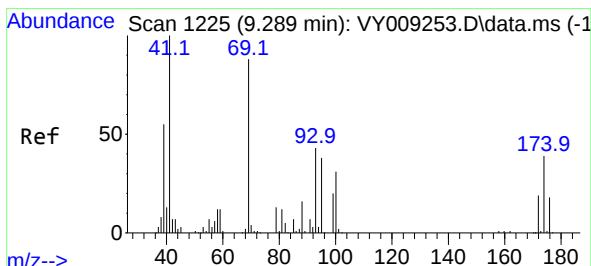
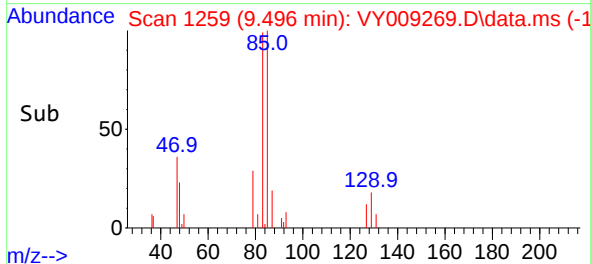
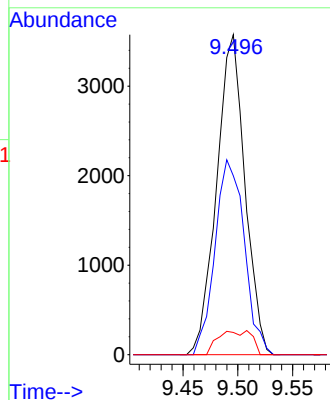
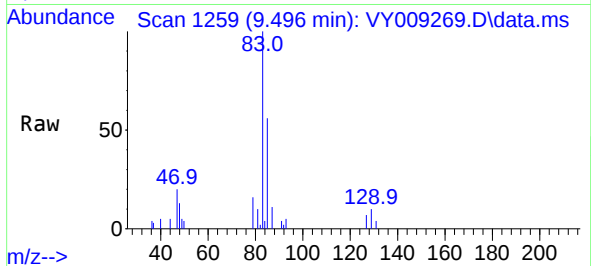




#47
Bromodichloromethane
Concen: 2.58 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

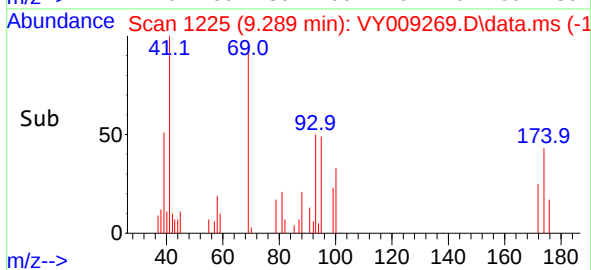
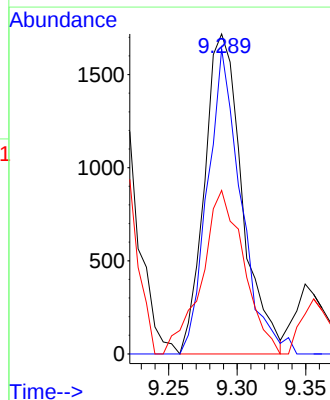
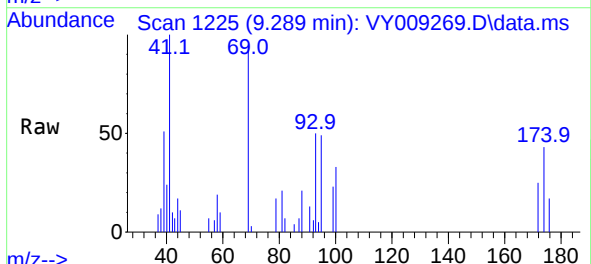
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

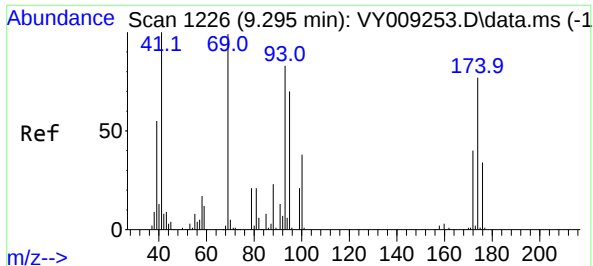
Tgt Ion: 83 Resp: 6421
Ion Ratio Lower Upper
83 100
85 55.9 51.9 77.9
127 6.9 6.6 10.0



#48
Methyl methacrylate
Concen: 2.79 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 41 Resp: 3277
Ion Ratio Lower Upper
41 100
69 84.9 58.2 87.2
39 57.0 47.4 71.0





#49

1,4-Dioxane

Concen: 60.74 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

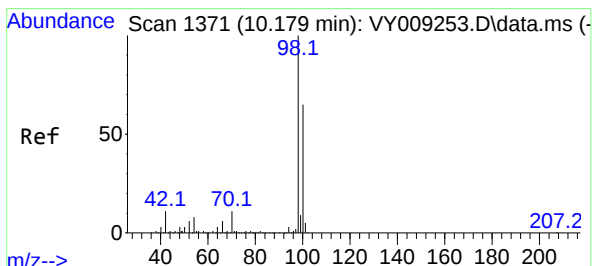
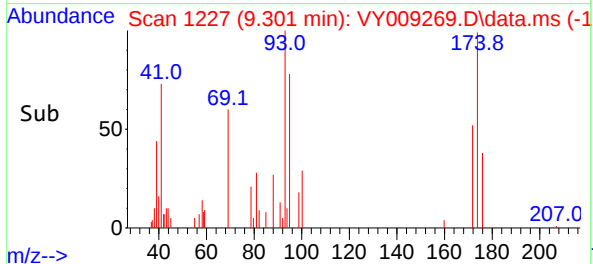
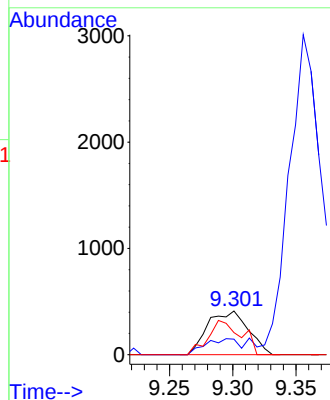
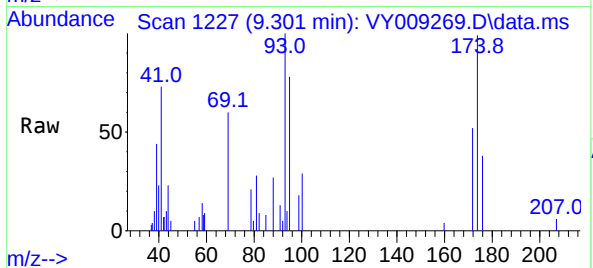
Tgt Ion: 88 Resp: 916

Ion Ratio Lower Upper

88 100

43 29.8 32.8 49.2#

58 63.3 59.8 89.6



#50

Toluene-d8

Concen: 48.46 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009269.D

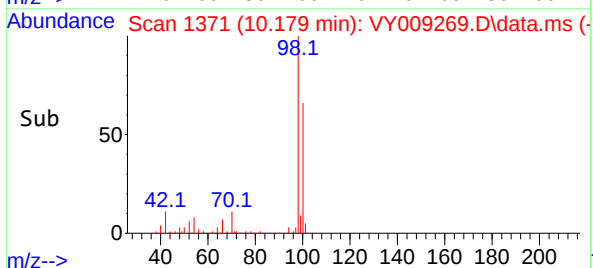
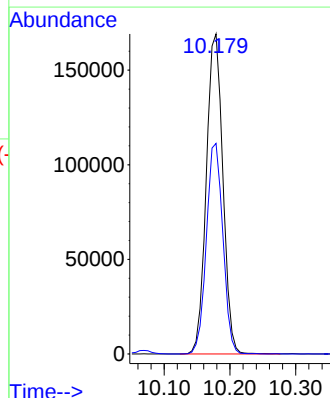
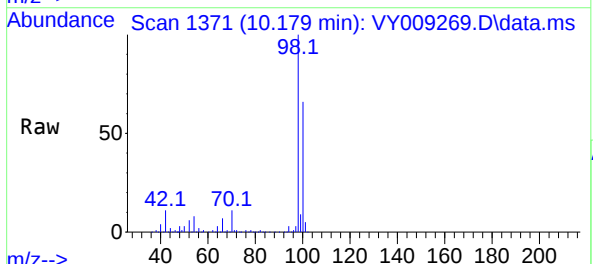
Acq: 22 Jun 2022 13:13

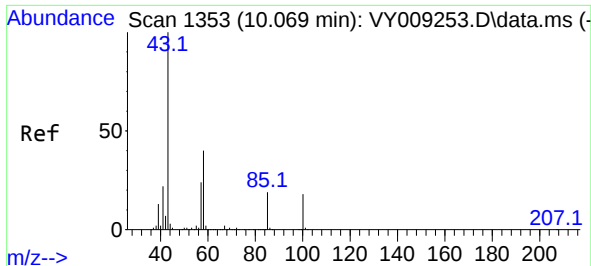
Tgt Ion: 98 Resp: 296186

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2

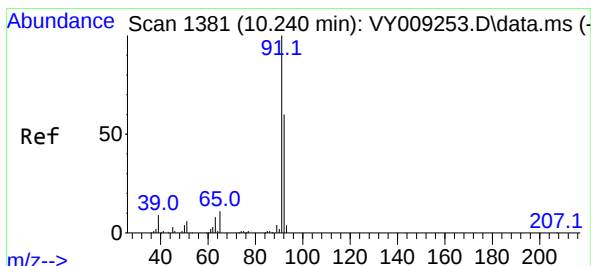
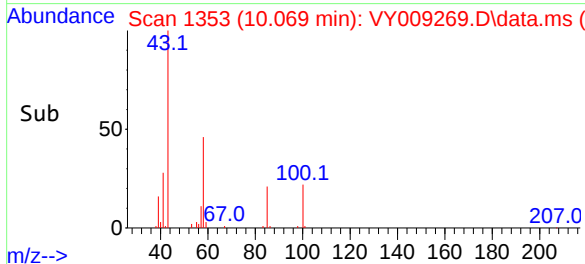
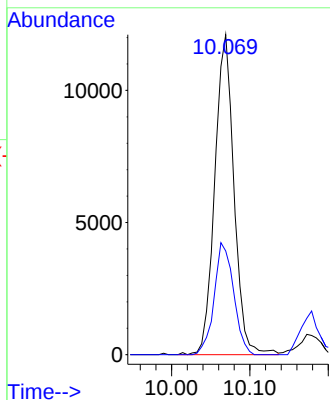
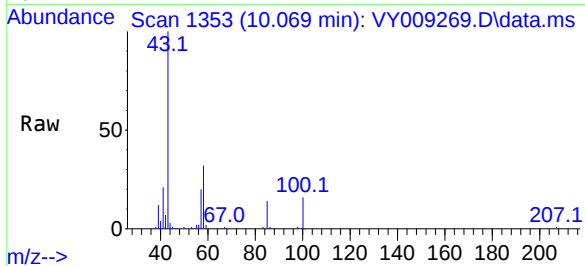




#51
4-Methyl-2-Pentanone
Concen: 14.81 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

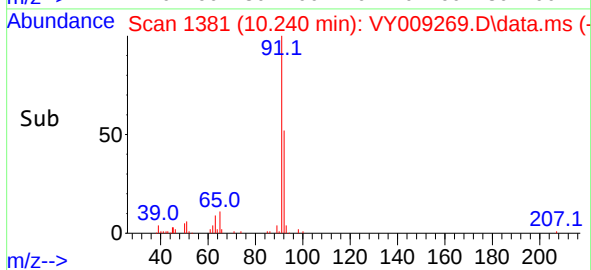
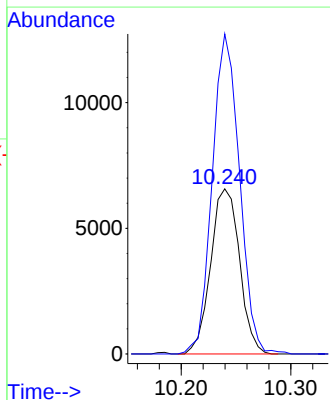
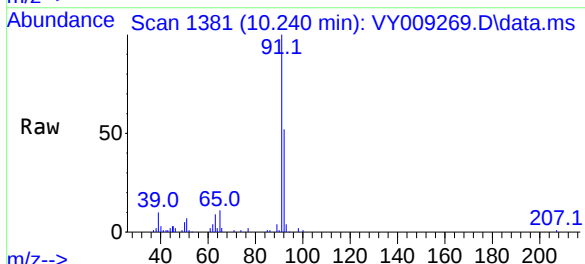
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

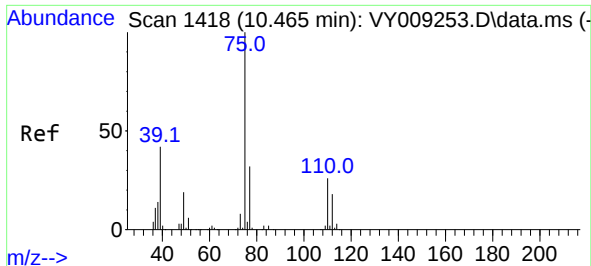
Tgt Ion: 43 Resp: 20666
Ion Ratio Lower Upper
43 100
58 35.4 28.1 42.1



#52
Toluene
Concen: 2.65 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 92 Resp: 12021
Ion Ratio Lower Upper
92 100
91 182.9 142.6 213.8

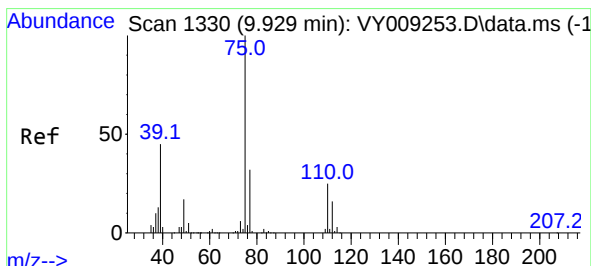
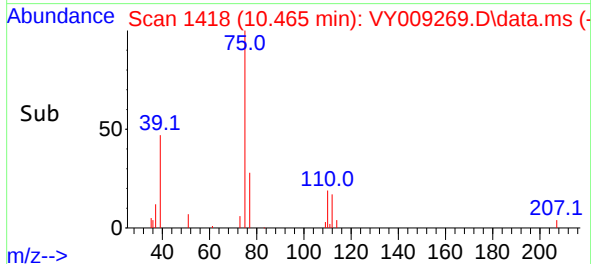
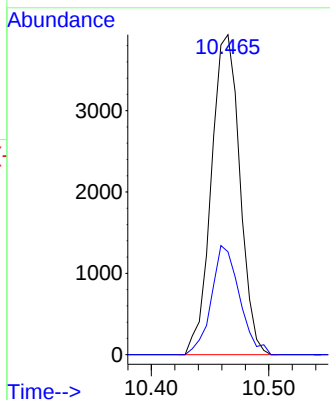
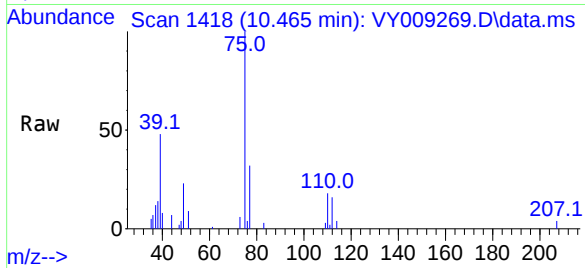




#53
t-1,3-Dichloropropene
Concen: 2.56 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

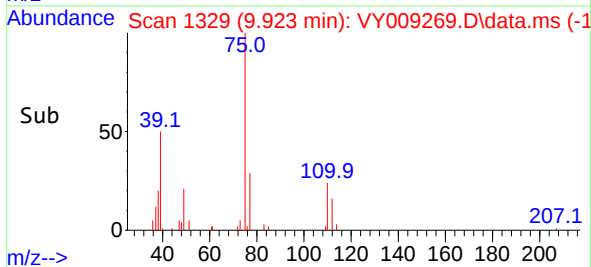
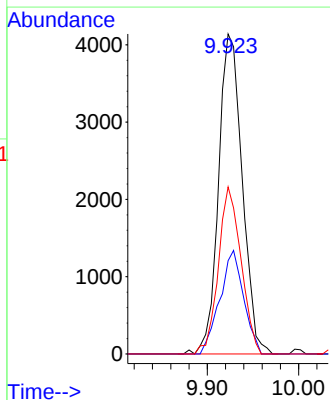
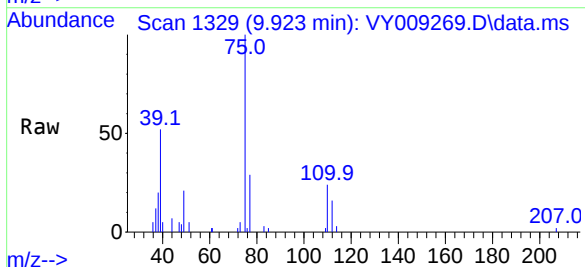
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

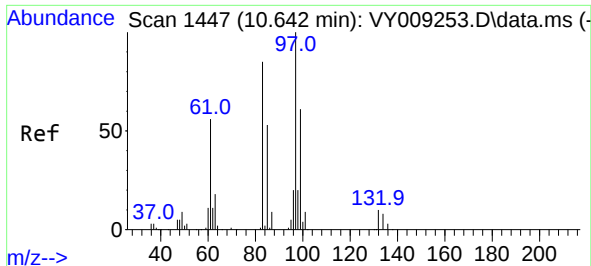
Tgt Ion: 75 Resp: 6627
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 2.53 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 75 Resp: 7456
Ion Ratio Lower Upper
75 100
77 29.2 25.6 38.4
39 52.2 47.6 71.4

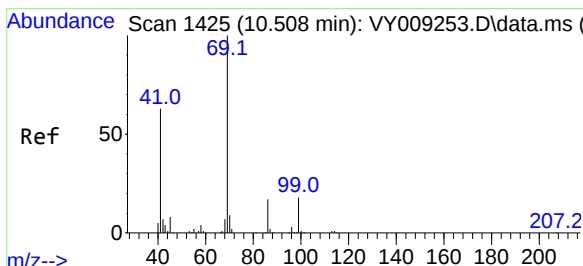
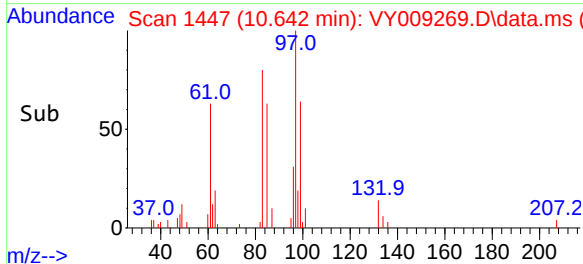
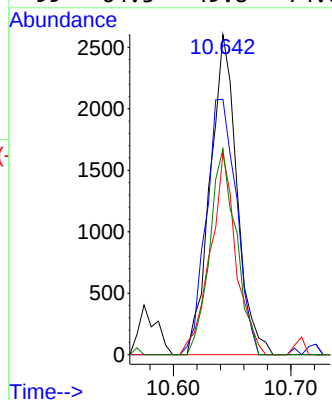
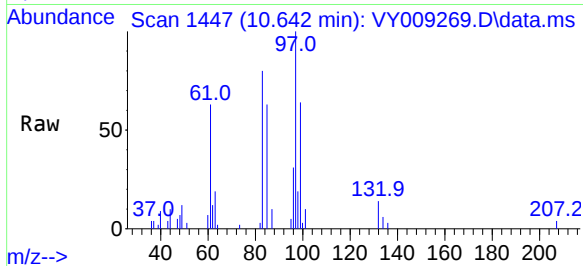




#55
1,1,2-Trichloroethane
Concen: 2.80 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

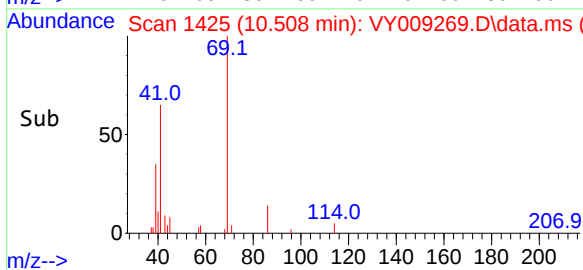
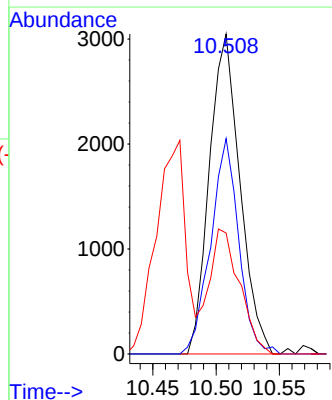
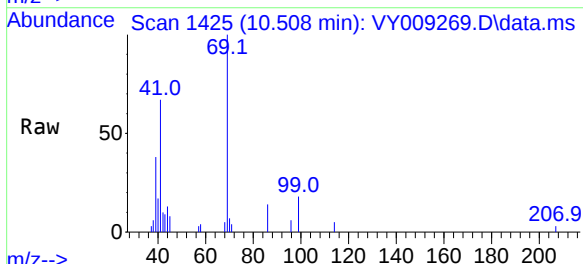
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

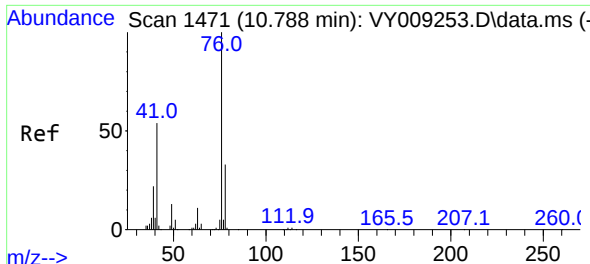
Tgt Ion:	97	Resp:	4126
Ion	Ratio	Lower	Upper
97	100		
83	79.8	69.8	104.8
85	62.9	44.3	66.5
99	64.3	49.8	74.6



#56
Ethyl methacrylate
Concen: 2.63 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:	69	Resp:	5120
Ion	Ratio	Lower	Upper
69	100		
41	61.9	63.4	95.0#
39	39.2	35.8	53.8





#57

1,3-Dichloropropane

Concen: 2.56 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

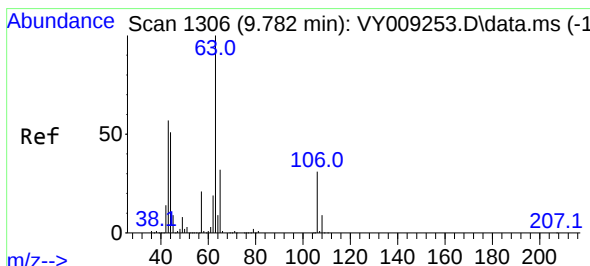
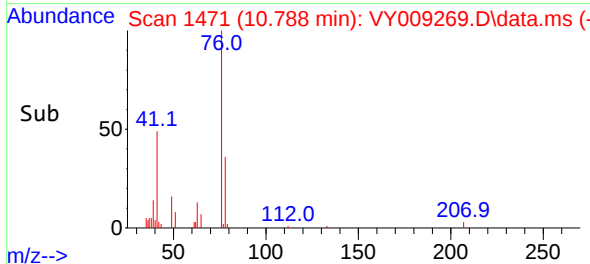
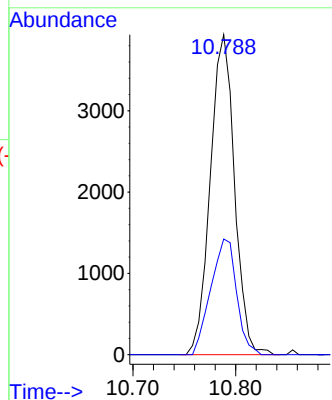
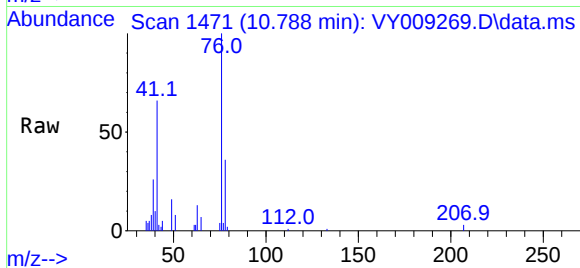
MDL-SOIL-03-QT2-2022

Tgt Ion: 76 Resp: 6444

Ion Ratio Lower Upper

76 100

78 38.5 25.0 37.6#



#58

2-Chloroethyl Vinyl ether

Concen: 14.81 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY009269.D

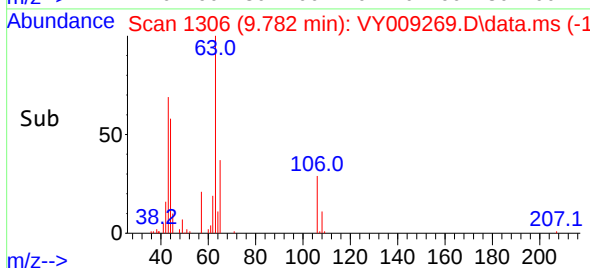
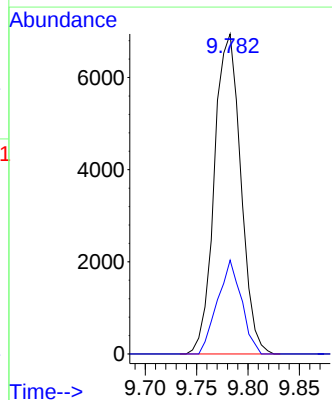
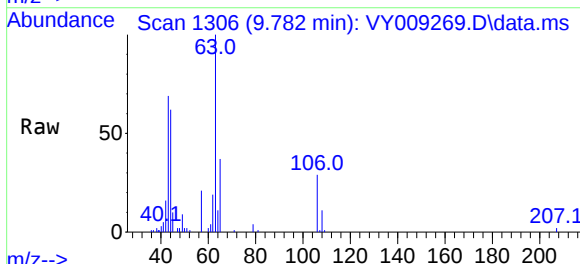
Acq: 22 Jun 2022 13:13

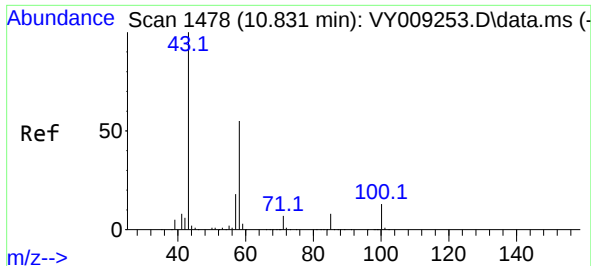
Tgt Ion: 63 Resp: 12384

Ion Ratio Lower Upper

63 100

106 26.7 21.5 32.3





#59

2-Hexanone

Concen: 13.72 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

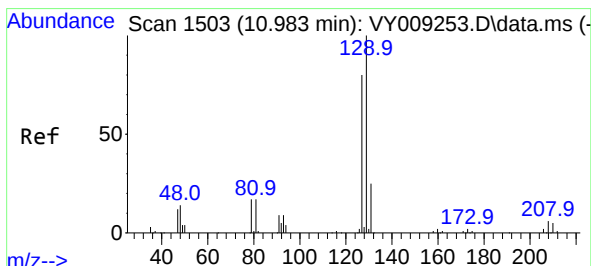
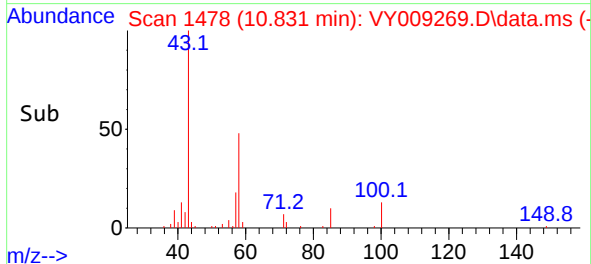
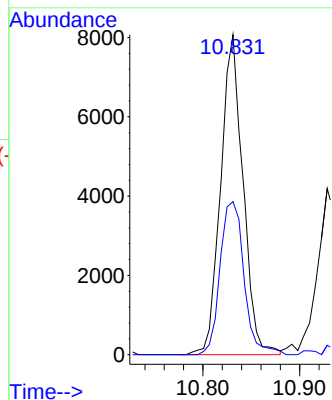
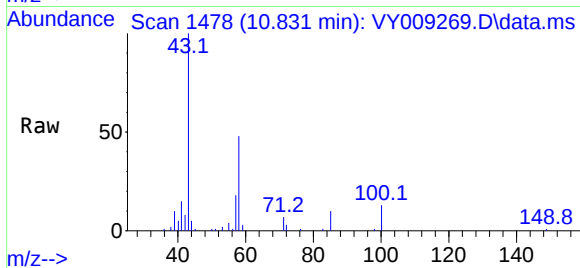
MDL-SOIL-03-QT2-2022

Tgt Ion: 43 Resp: 12955

Ion Ratio Lower Upper

43 100

58 51.2 24.4 73.4



#60

Dibromochloromethane

Concen: 2.74 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY009269.D

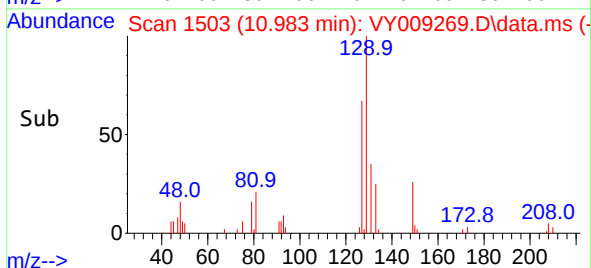
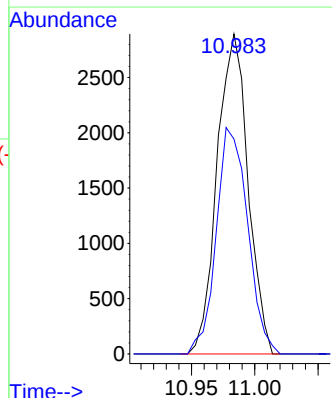
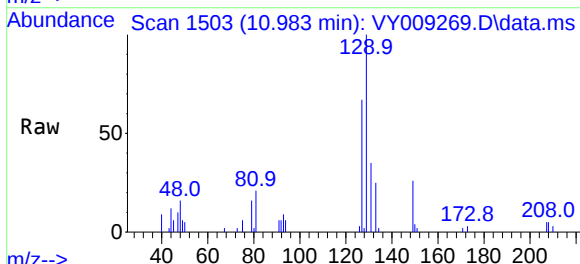
Acq: 22 Jun 2022 13:13

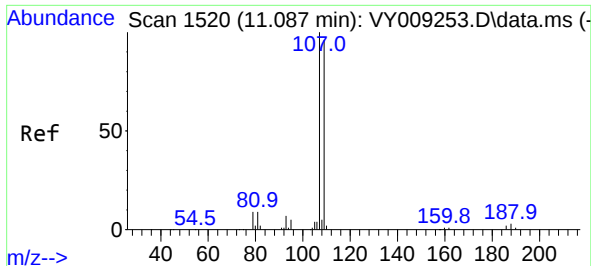
Tgt Ion:129 Resp: 4917

Ion Ratio Lower Upper

129 100

127 71.9 38.7 116.1

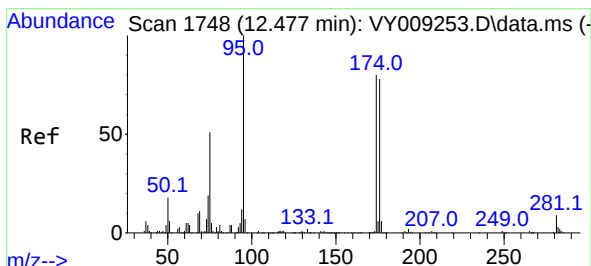
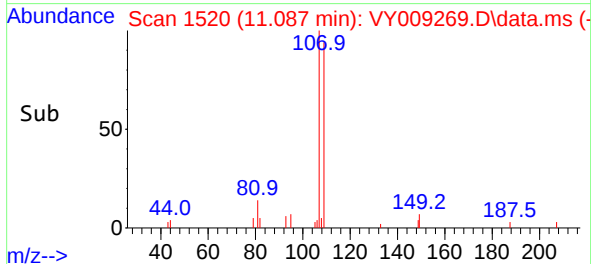
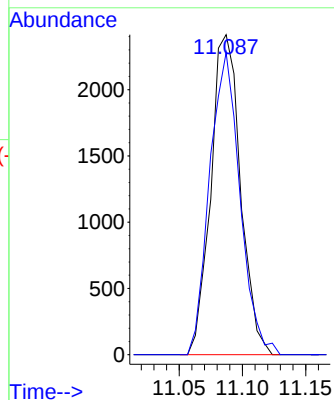
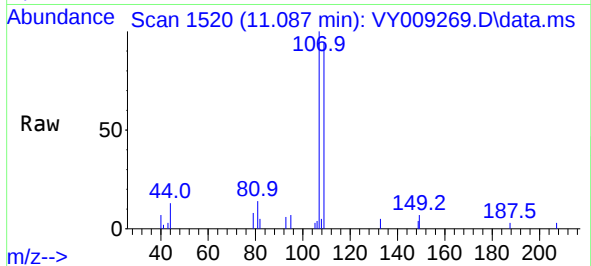




#61
1,2-Dibromoethane
Concen: 2.74 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

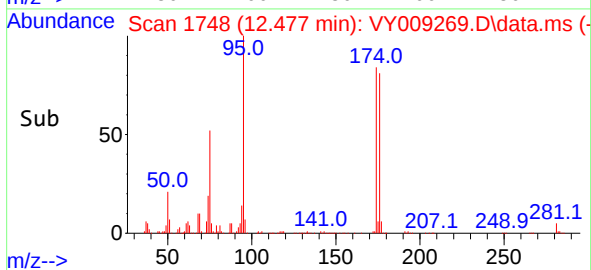
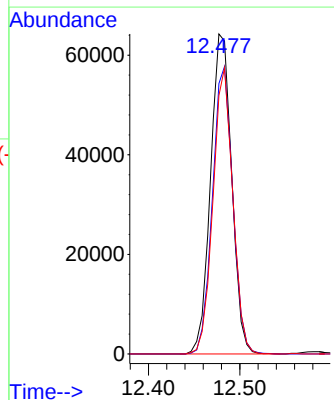
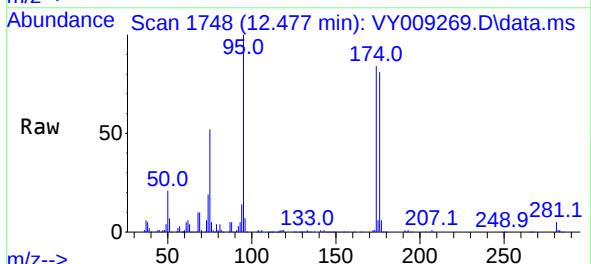
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

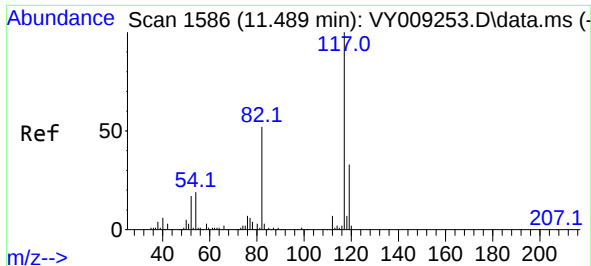
Tgt Ion:107 Resp: 3940
Ion Ratio Lower Upper
107 100
109 96.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.99 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 95 Resp: 103084
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 83.8 0.0 175.8

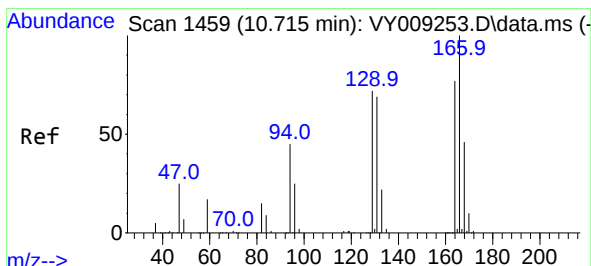
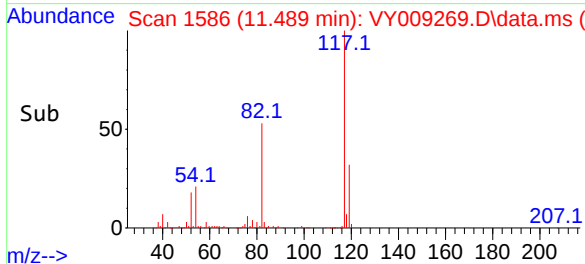
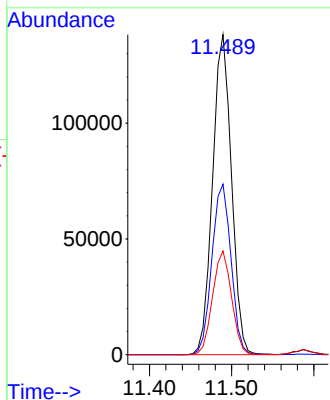
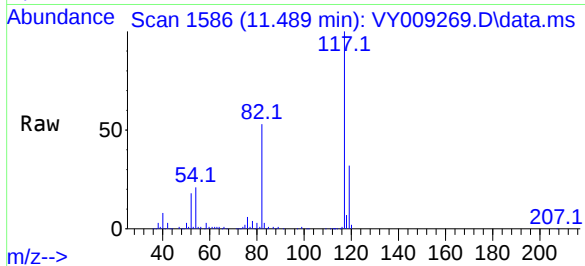




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

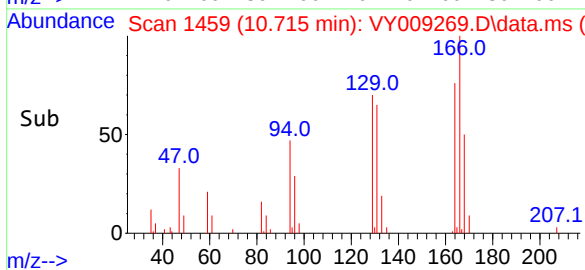
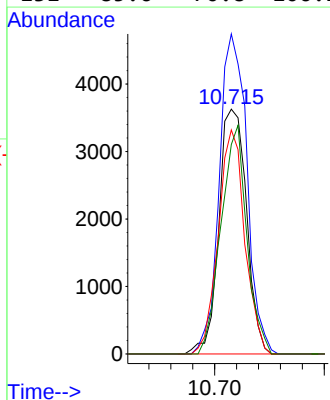
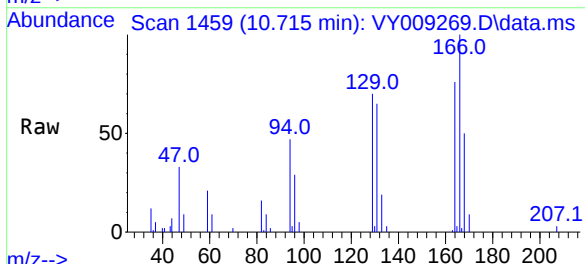
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

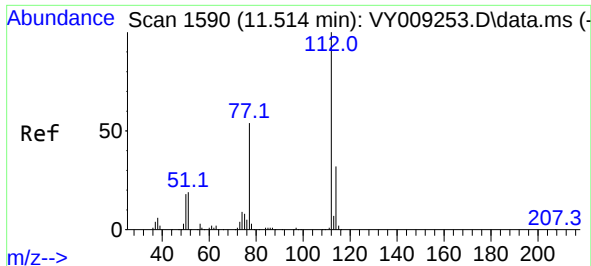
Tgt Ion:117 Resp: 220708
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 2.98 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:164 Resp: 6343
Ion Ratio Lower Upper
164 100
166 130.7 100.4 150.6
129 91.5 71.4 107.0
131 85.6 70.8 106.2

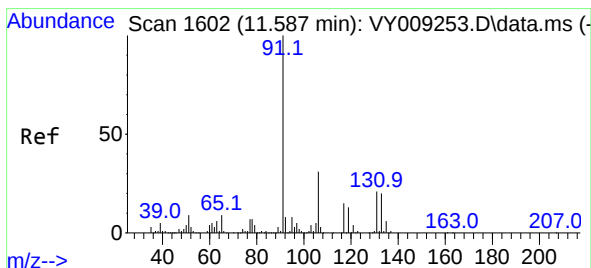
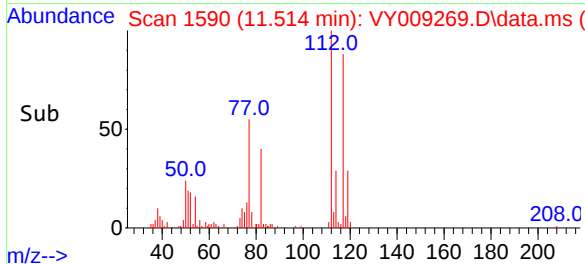
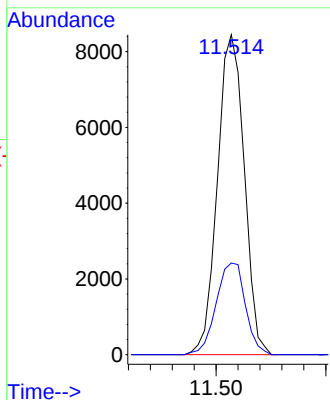
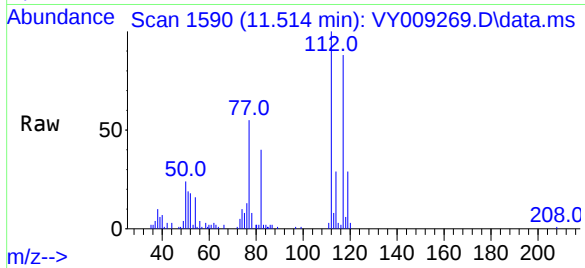




#65
Chlorobenzene
Concen: 2.89 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

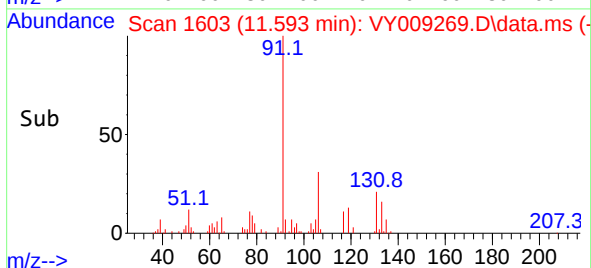
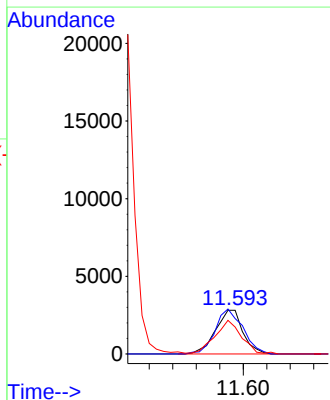
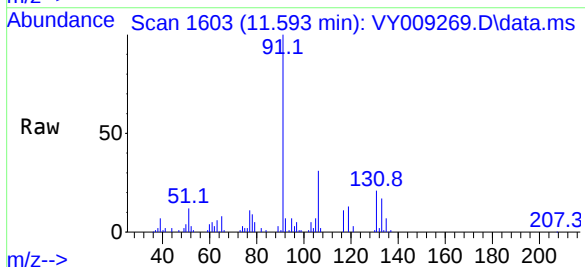
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

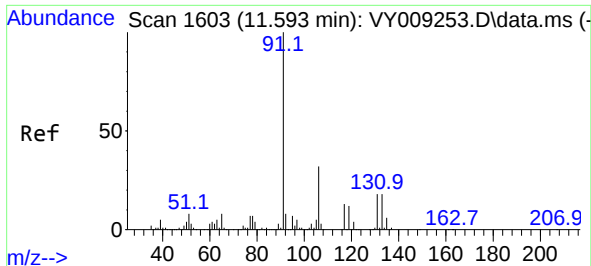
Tgt Ion:112 Resp: 14346
Ion Ratio Lower Upper
112 100
114 28.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.51 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:131 Resp: 4554
Ion Ratio Lower Upper
131 100
133 104.0 47.9 143.6
119 75.1 30.8 92.3





#67

Ethyl Benzene

Concen: 2.70 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

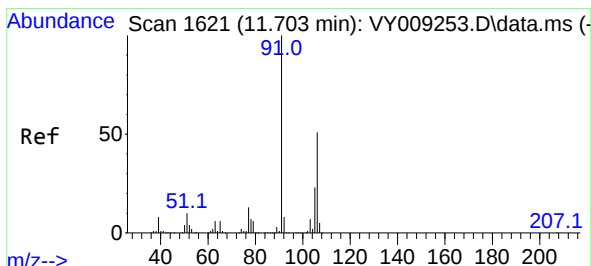
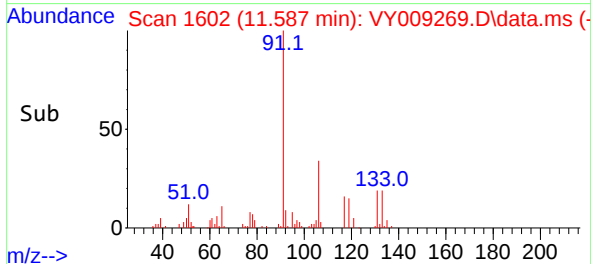
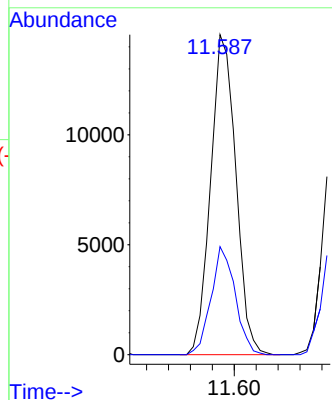
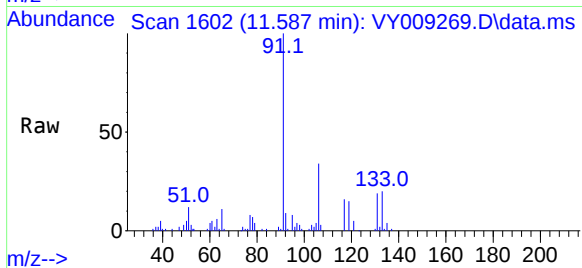
MDL-SOIL-03-QT2-2022

Tgt Ion: 91 Resp: 23247

Ion Ratio Lower Upper

91 100

106 33.8 24.5 36.7



#68

m/p-Xylenes

Concen: 5.45 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY009269.D

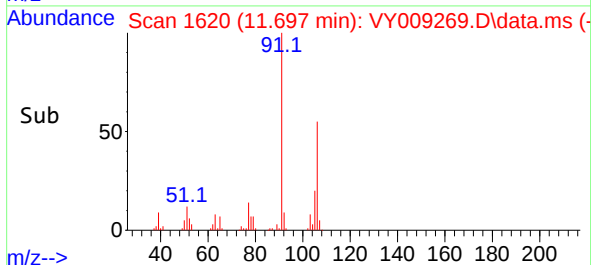
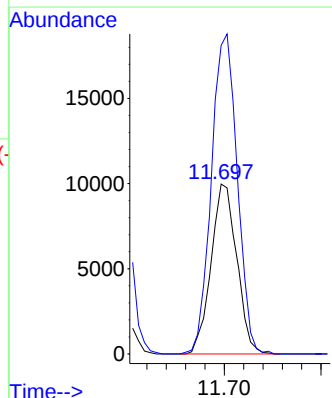
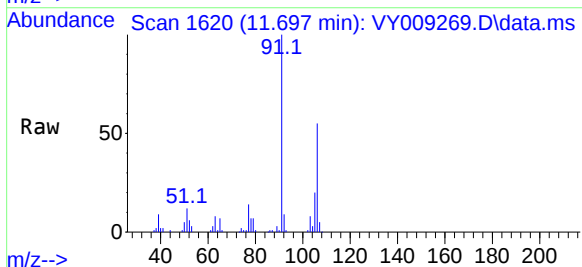
Acq: 22 Jun 2022 13:13

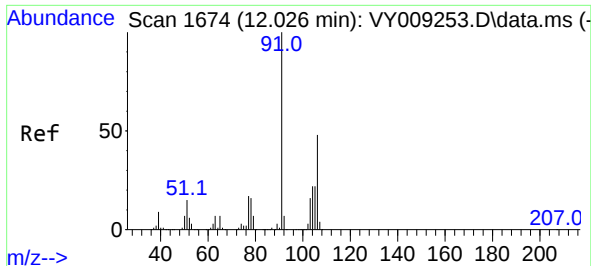
Tgt Ion:106 Resp: 18421

Ion Ratio Lower Upper

106 100

91 189.5 166.6 249.8

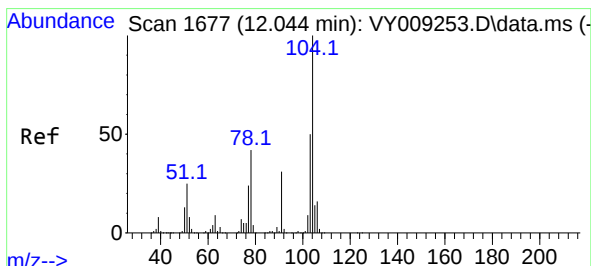
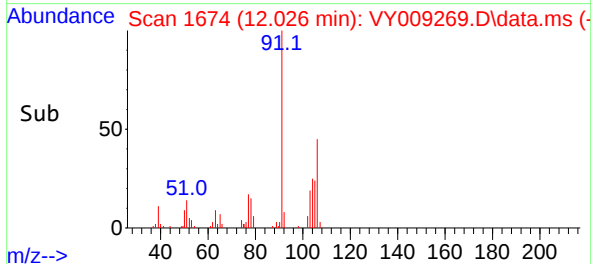
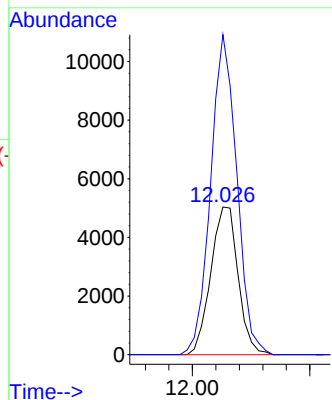
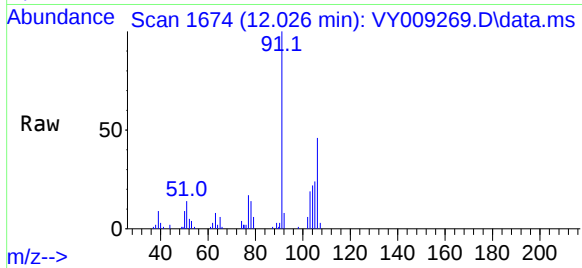




#69
o-Xylene
Concen: 2.53 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

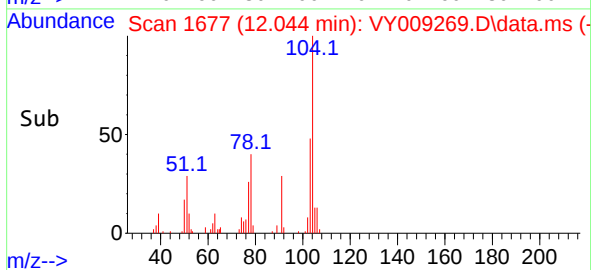
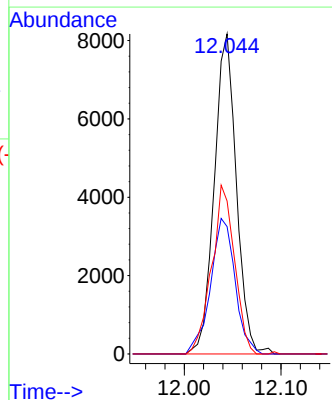
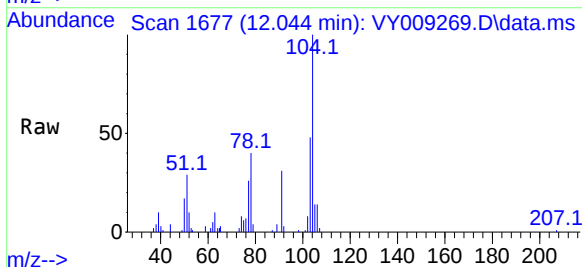
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

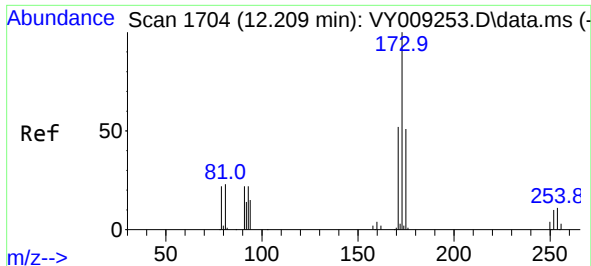
Tgt Ion:106 Resp: 8124
Ion Ratio Lower Upper
106 100
91 207.7 110.3 331.0



#70
Styrene
Concen: 2.43 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:104 Resp: 12952
Ion Ratio Lower Upper
104 100
78 47.1 42.4 63.6
103 54.5 44.4 66.6

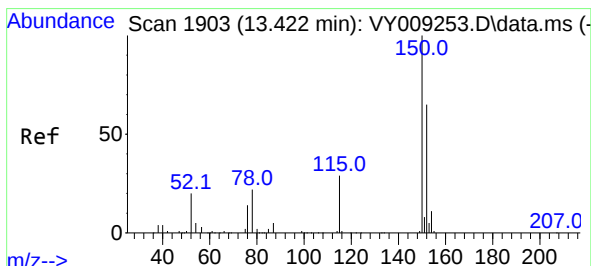
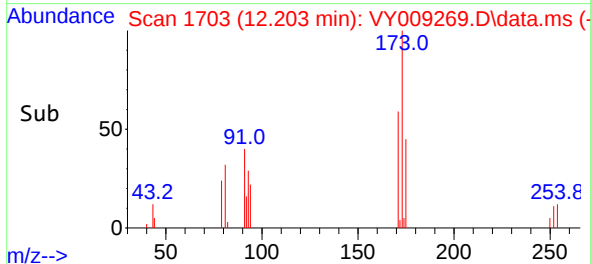
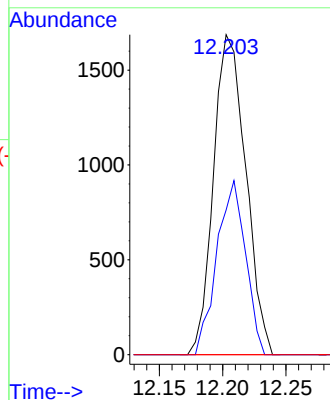
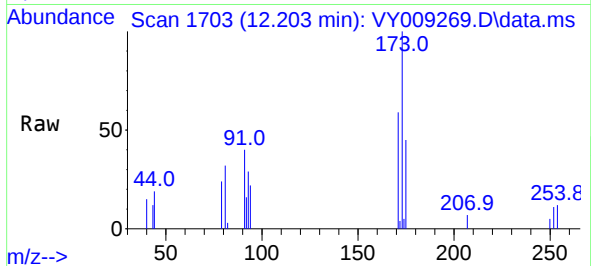




#71
Bromoform
Concen: 2.66 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

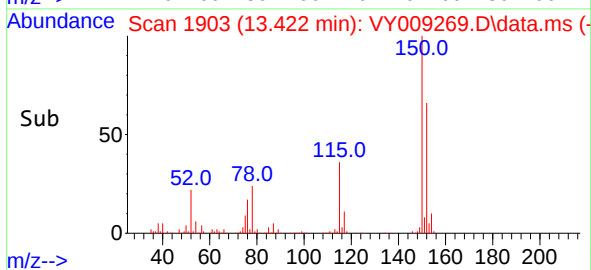
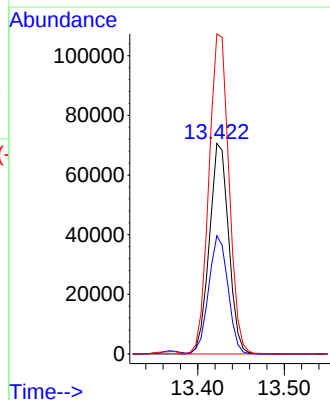
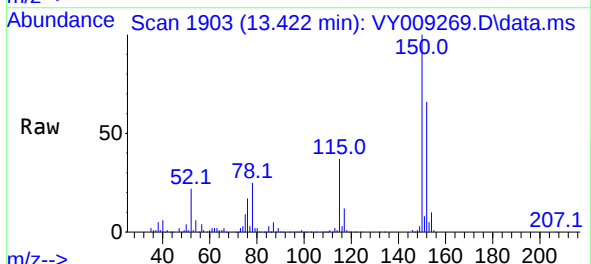
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

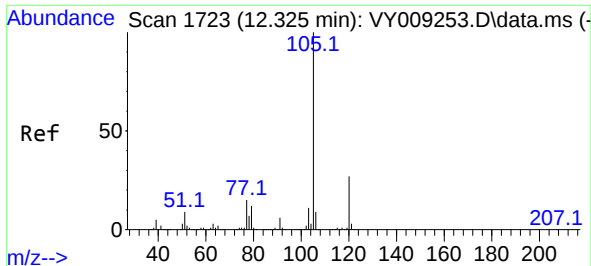
Tgt Ion:173 Resp: 2992
Ion Ratio Lower Upper
173 100
175 48.2 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:152 Resp: 109126
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 157.8 0.0 347.6

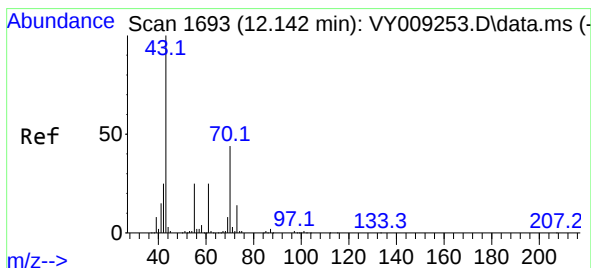
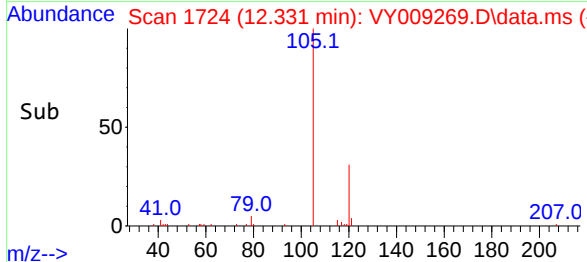
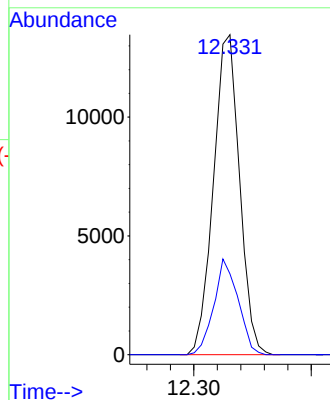
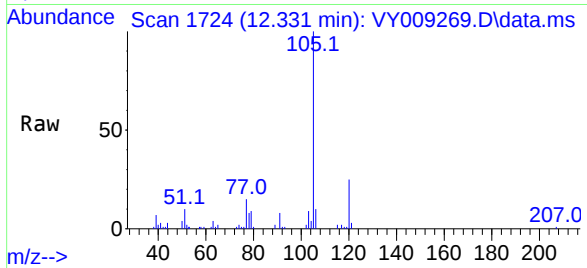




#73
Isopropylbenzene
Concen: 2.43 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

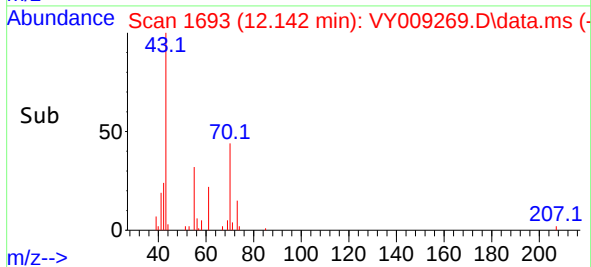
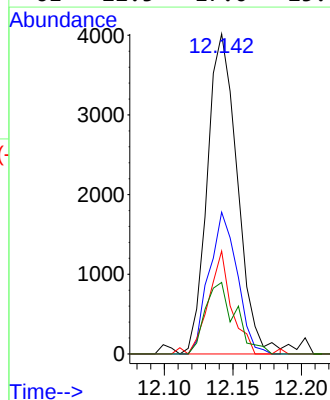
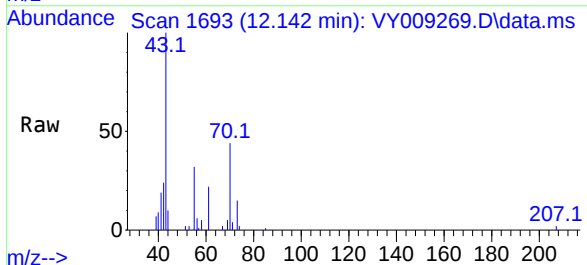
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

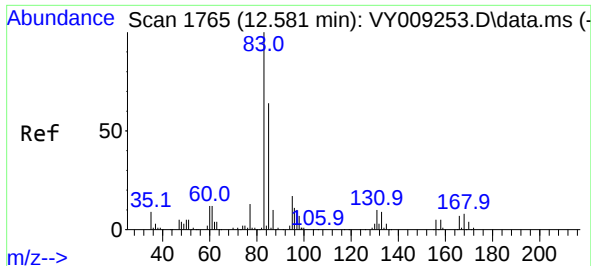
Tgt Ion:105 Resp: 20796
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.2



#74
N-ethyl acetate
Concen: 2.68 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 43 Resp: 6126
Ion Ratio Lower Upper
43 100
70 41.3 28.7 43.1
55 24.7 17.3 25.9
61 22.5 17.0 25.6

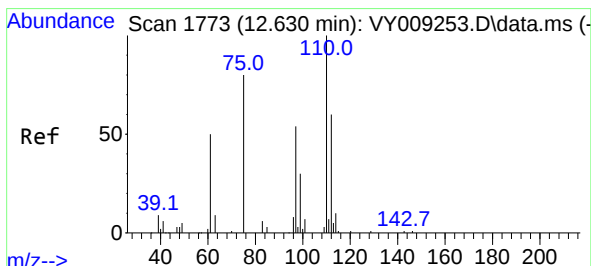
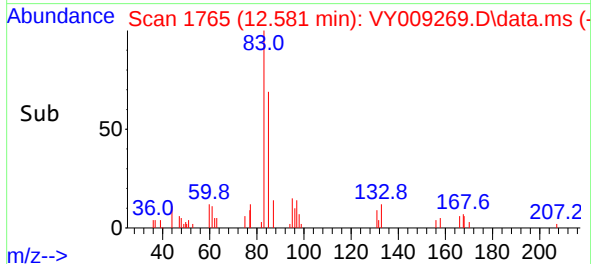
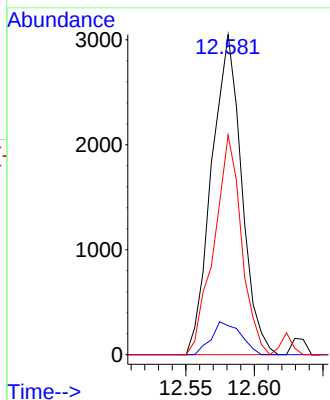
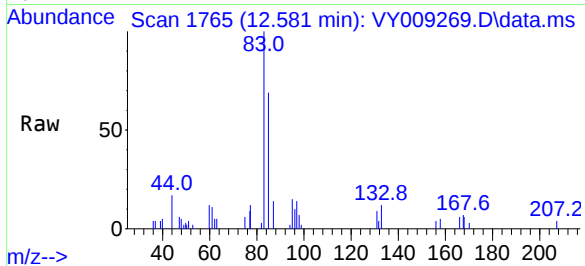




#75
1,1,2,2-Tetrachloroethane
Concen: 2.85 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

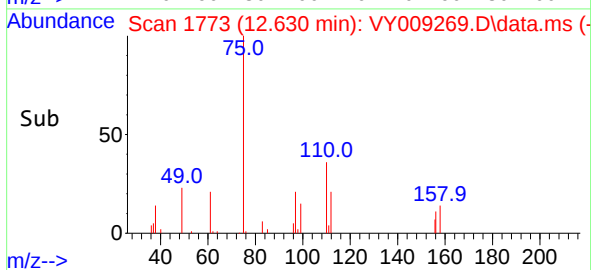
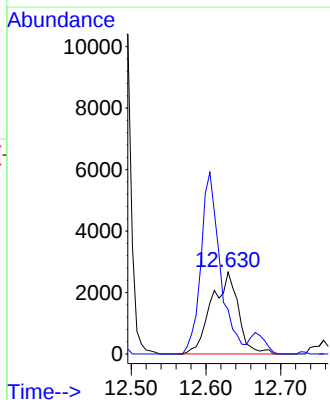
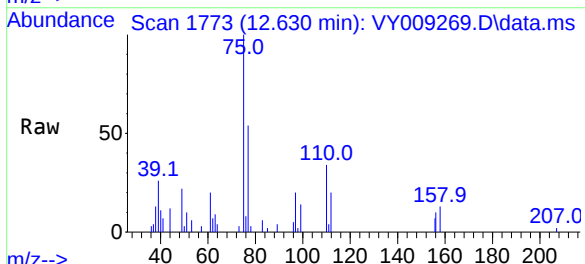
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT2-2022

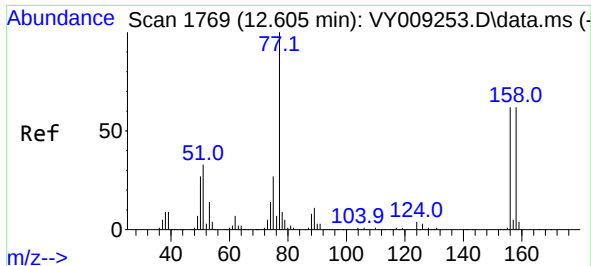
Tgt Ion:	83	Resp:	4645
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.6	16.8
85	62.6	32.3	96.8



#76
1,2,3-Trichloropropane
Concen: 5.18 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:	75	Resp:	6629
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

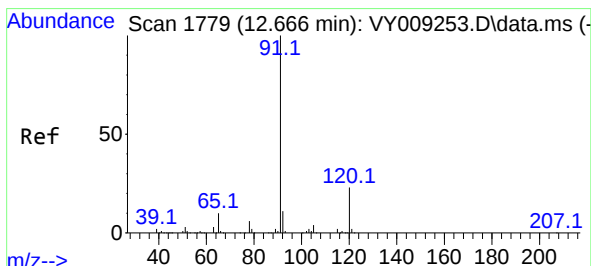
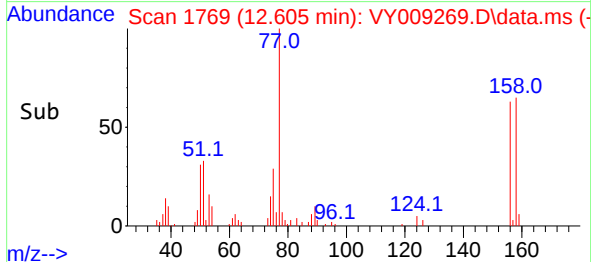
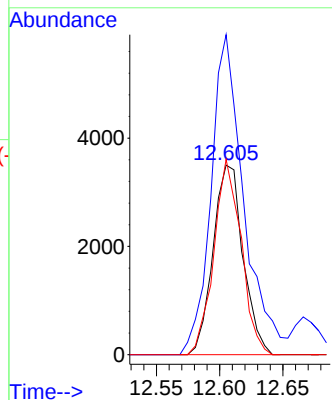
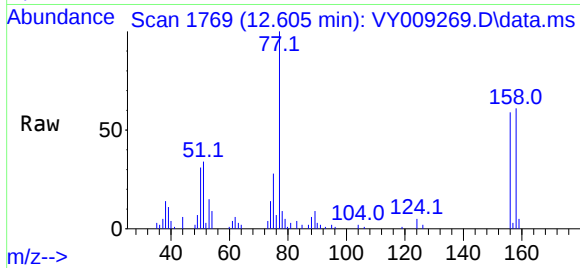




#77
Bromobenzene
Concen: 2.78 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

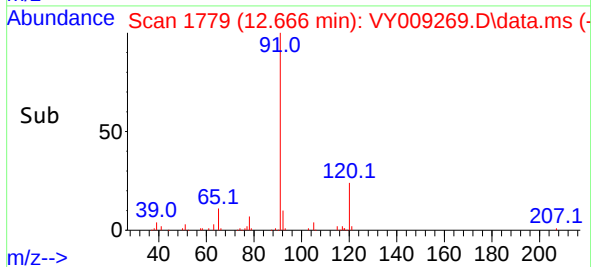
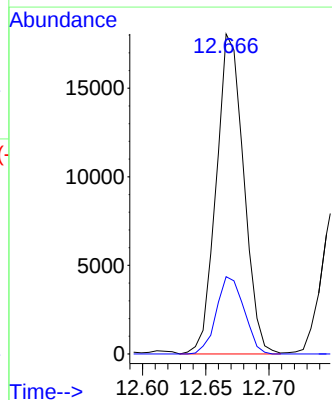
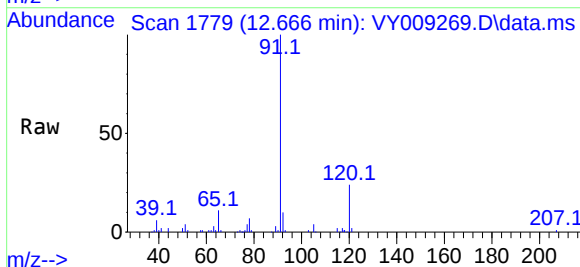
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

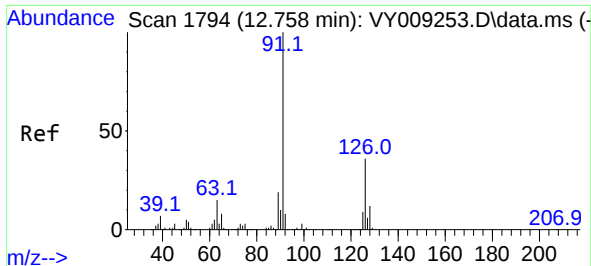
Tgt Ion:156 Resp: 5774
Ion Ratio Lower Upper
156 100
77 184.9 95.5 286.4
158 93.6 48.0 144.0



#78
n-propylbenzene
Concen: 2.64 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 91 Resp: 27256
Ion Ratio Lower Upper
91 100
120 24.2 11.3 33.9

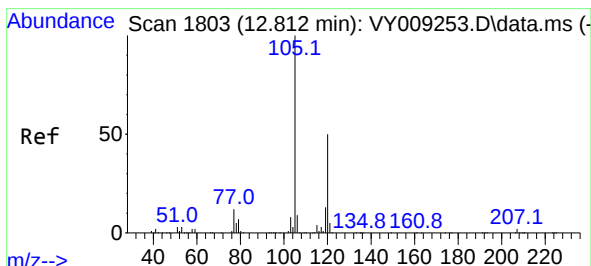
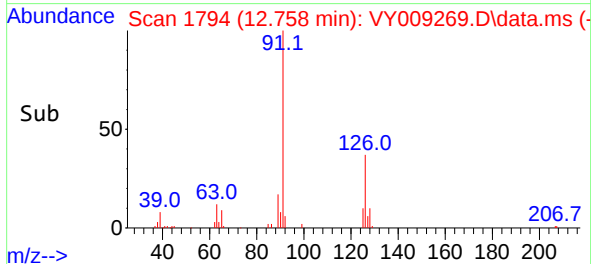
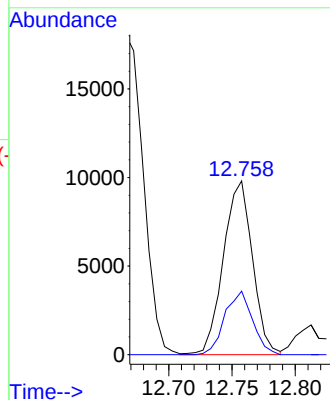
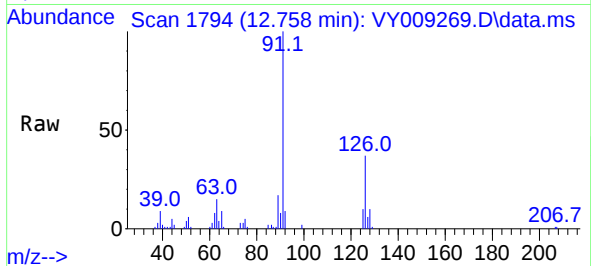




#79
2-Chlorotoluene
Concen: 2.71 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

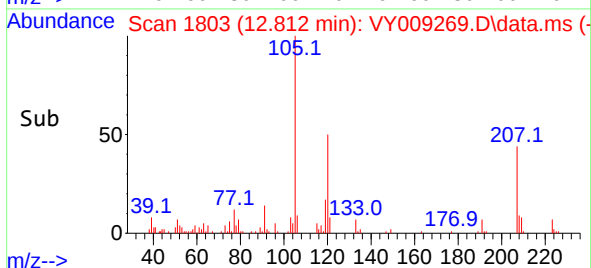
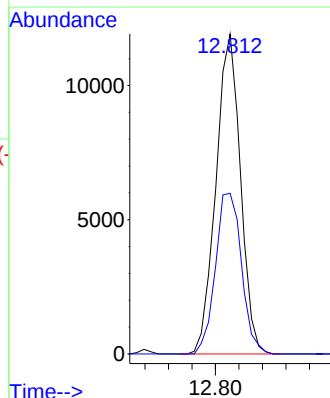
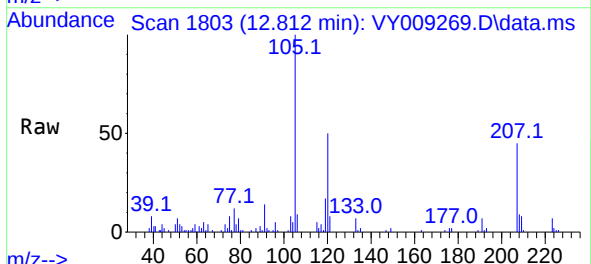
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

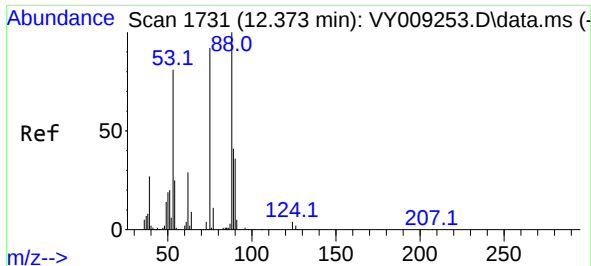
Tgt Ion: 91 Resp: 15736
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 2.43 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 105 Resp: 17262
Ion Ratio Lower Upper
105 100
120 53.5 24.4 73.4

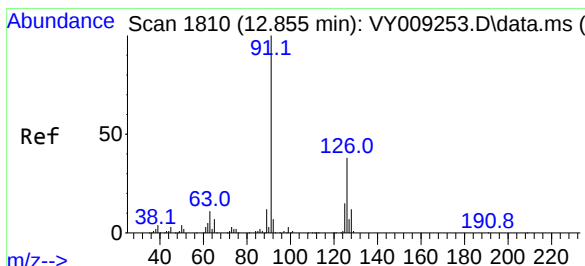
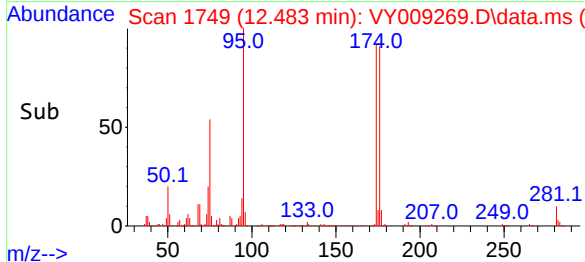
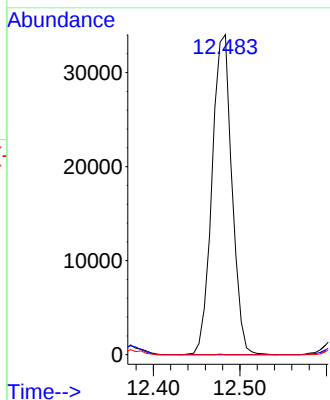
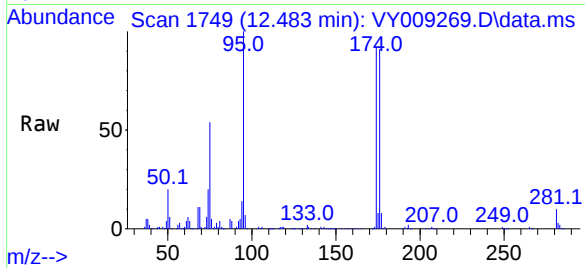




#81
trans-1,4-Dichloro-2-butene
Concen: 90.00 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

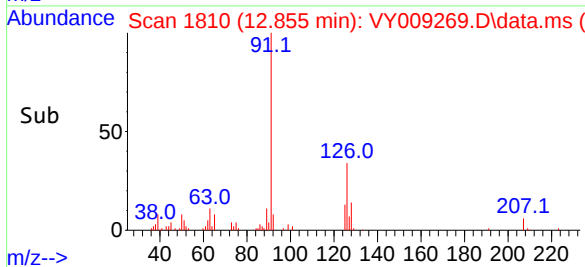
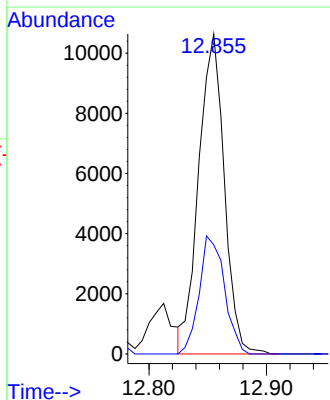
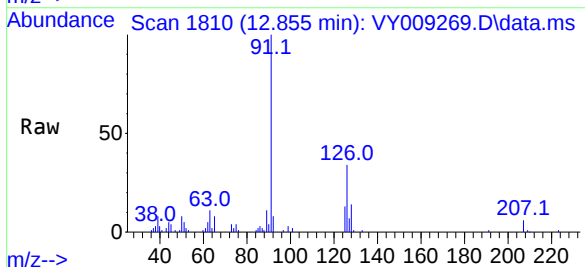
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

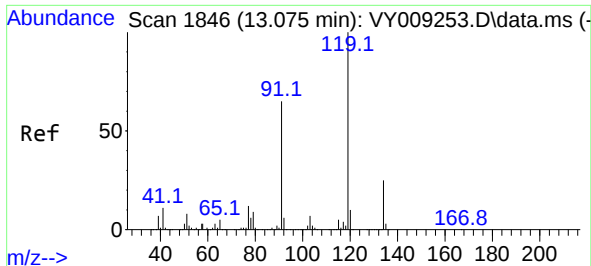
Tgt Ion: 75 Resp: 54308
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#82
4-Chlorotoluene
Concen: 2.65 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 91 Resp: 16043
Ion Ratio Lower Upper
91 100
126 36.4 17.0 51.0

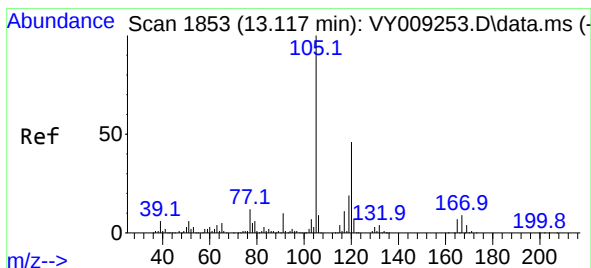
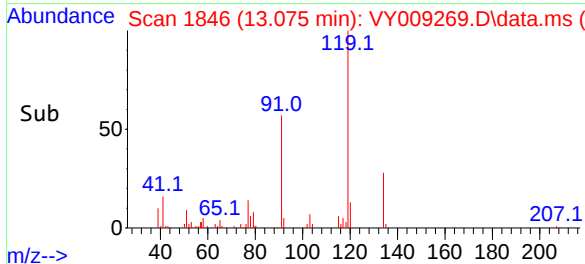
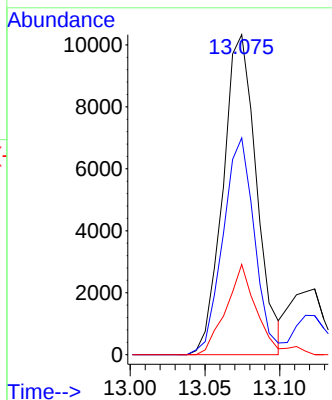
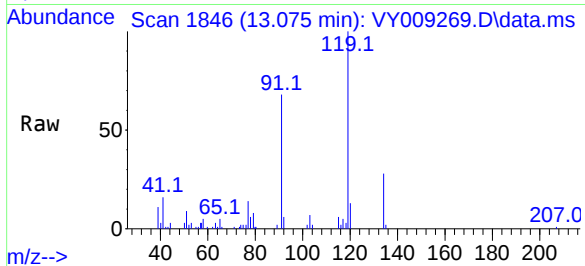




#83
tert-Butylbenzene
Concen: 2.60 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

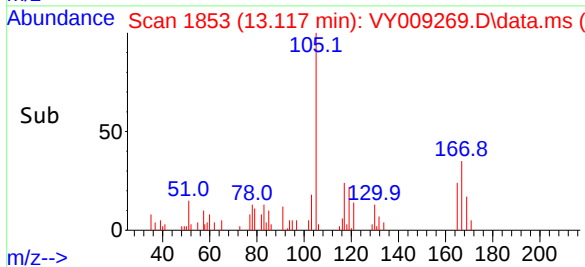
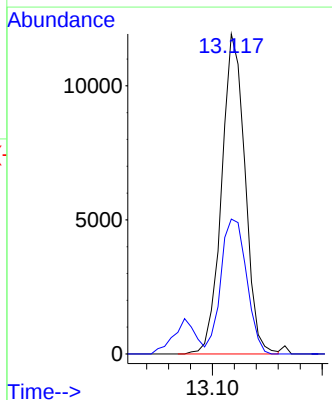
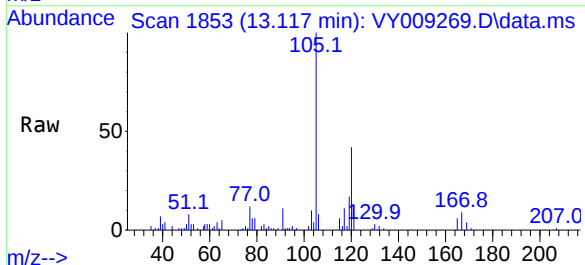
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

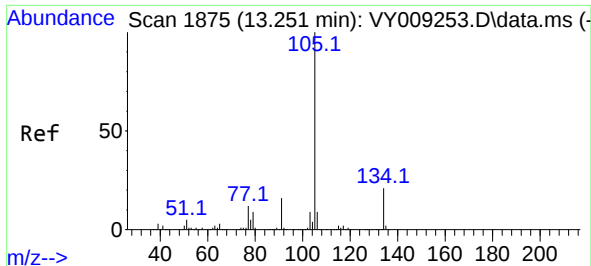
Tgt Ion:	119	Resp:	16125
Ion	Ratio	Lower	Upper
119	100		
91	63.6	34.8	104.4
134	26.2	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 2.54 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:	105	Resp:	17672
Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.3	66.9

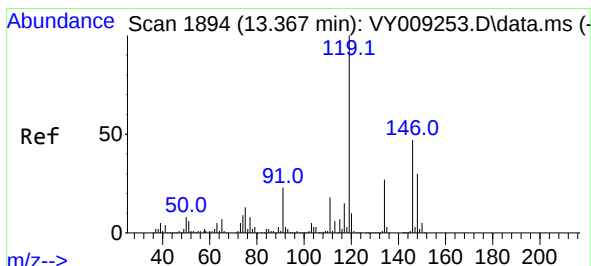
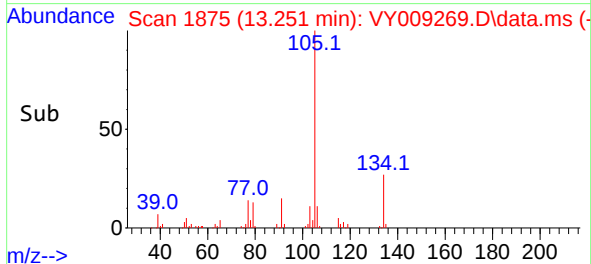
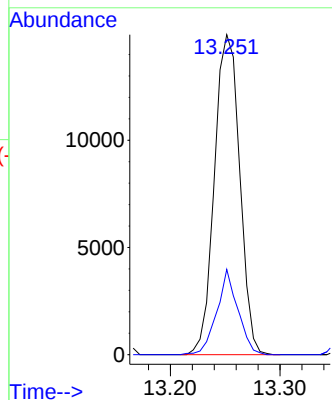
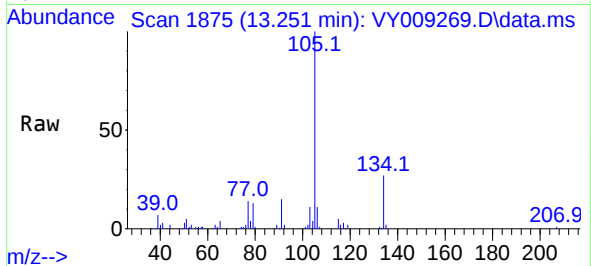




#85
 sec-Butylbenzene
 Concen: 2.58 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009269.D
 Acq: 22 Jun 2022 13:13

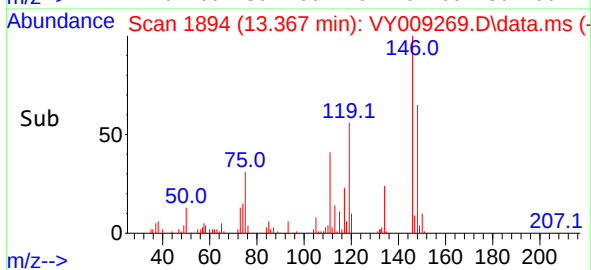
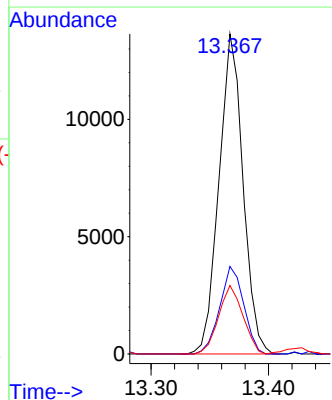
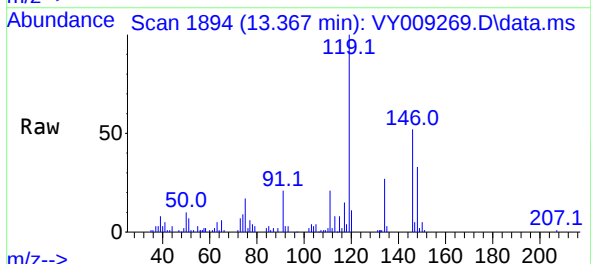
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

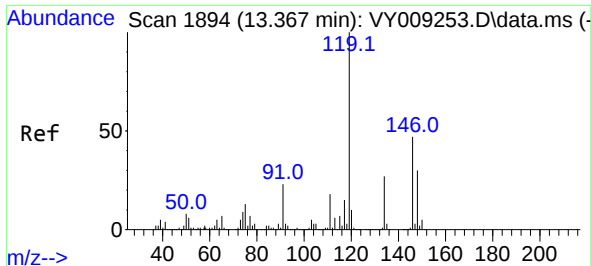
Tgt Ion:105 Resp: 23918
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 2.51 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009269.D
 Acq: 22 Jun 2022 13:13

Tgt Ion:119 Resp: 19390
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.5
 91 21.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 2.95 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

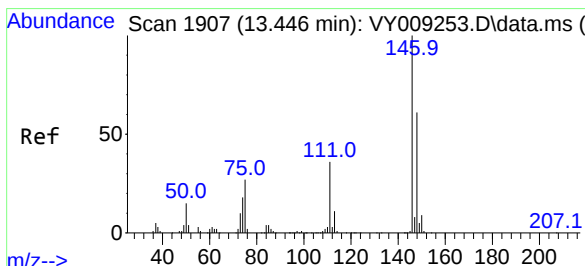
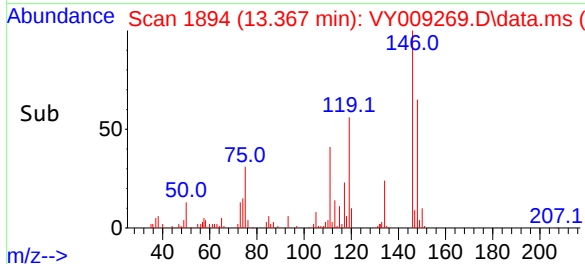
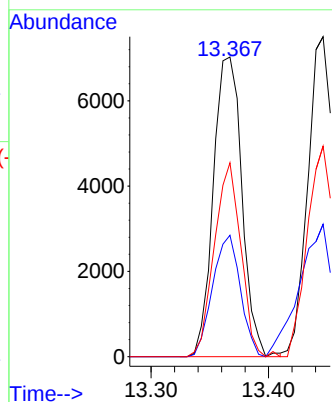
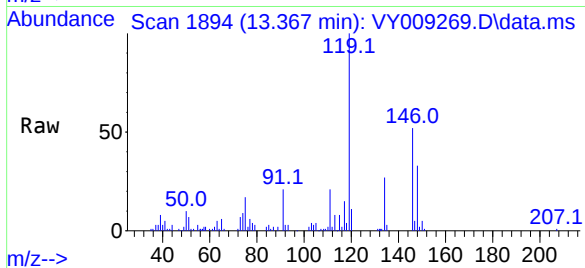
Tgt Ion:146 Resp: 11875

Ion Ratio Lower Upper

146 100

111 39.4 19.5 58.5

148 60.2 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 2.87 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

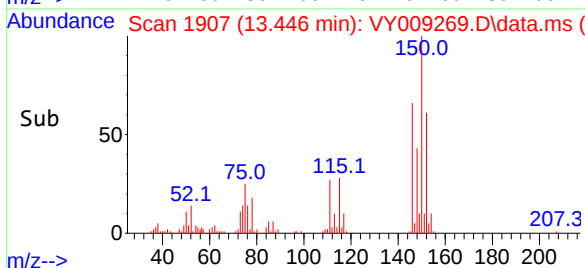
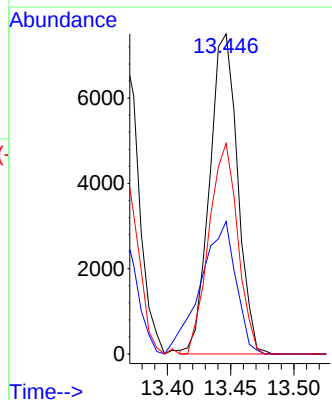
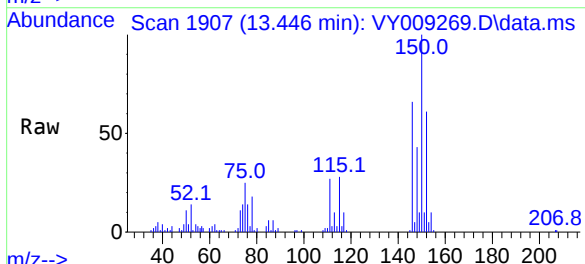
Tgt Ion:146 Resp: 11562

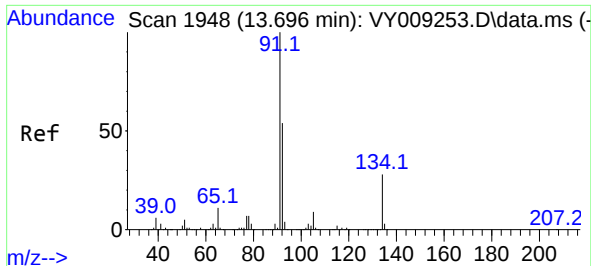
Ion Ratio Lower Upper

146 100

111 52.0 19.3 57.8

148 67.6 32.6 97.8

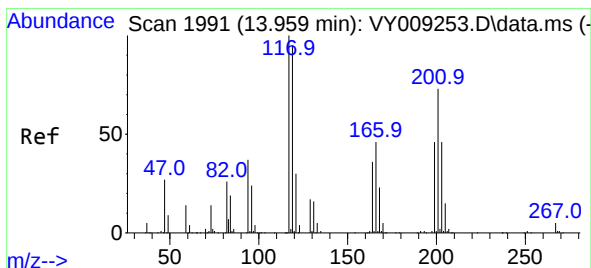
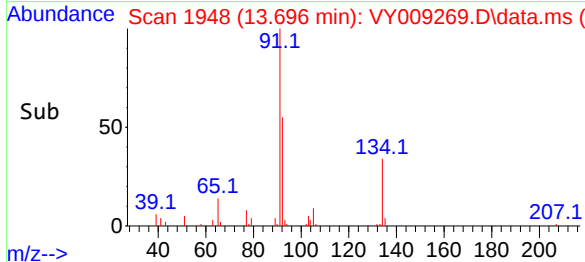
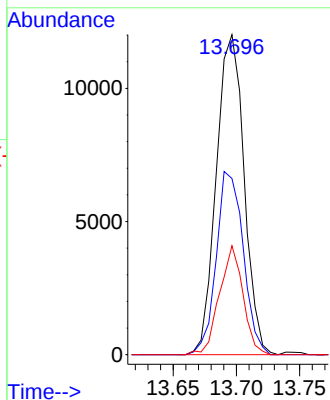
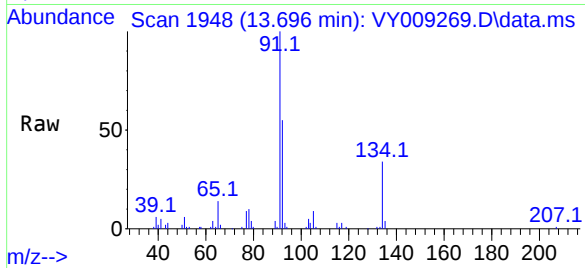




#89
n-Butylbenzene
Concen: 2.56 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

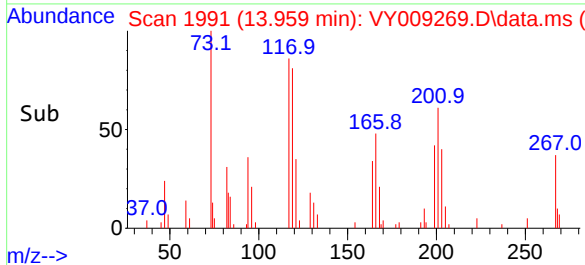
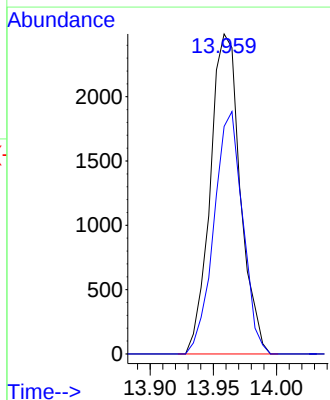
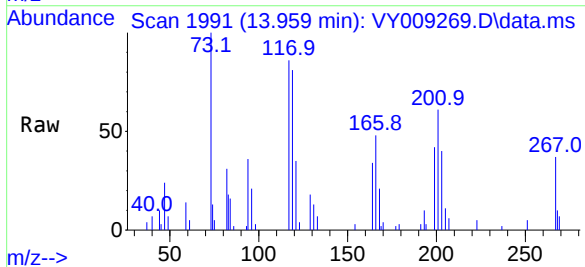
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

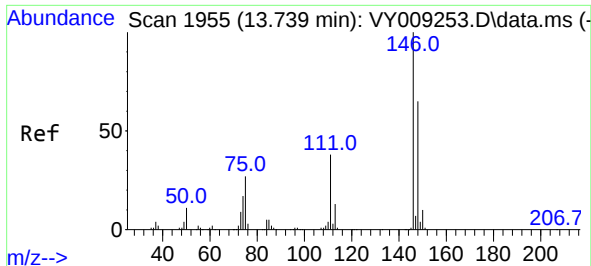
Tgt Ion: 91 Resp: 18350
Ion Ratio Lower Upper
91 100
92 55.6 26.3 78.9
134 28.9 13.0 38.9



#90
Hexachloroethane
Concen: 2.80 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion: 117 Resp: 4101
Ion Ratio Lower Upper
117 100
201 72.6 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 2.81 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

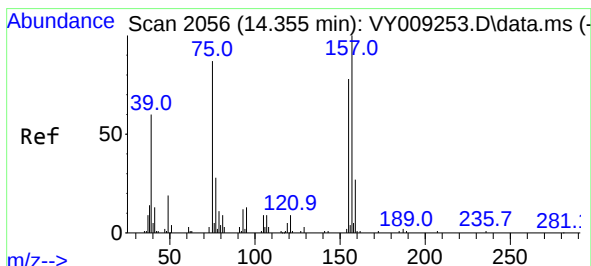
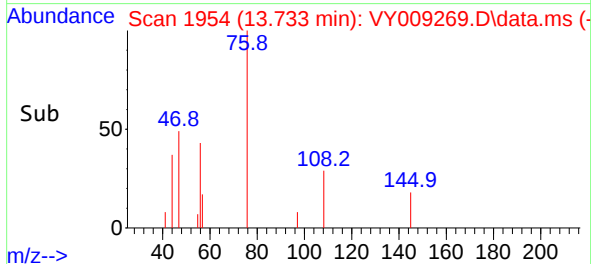
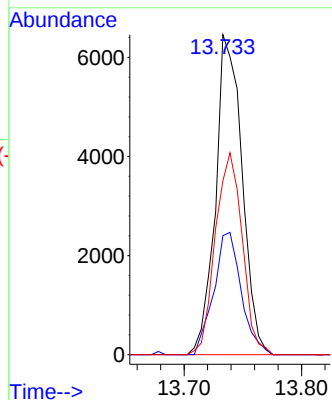
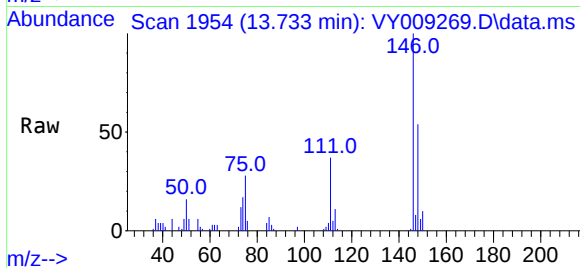
Tgt Ion:146 Resp: 10132

Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.9

148 64.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.30 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY009269.D

Acq: 22 Jun 2022 13:13

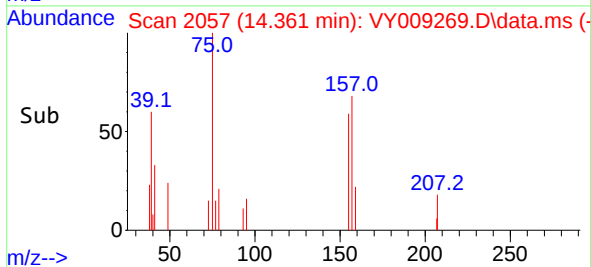
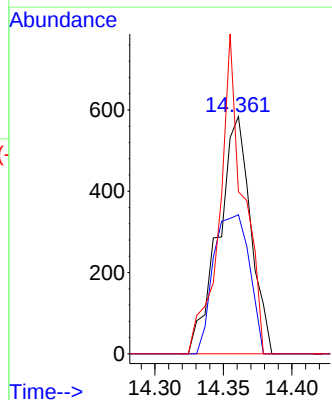
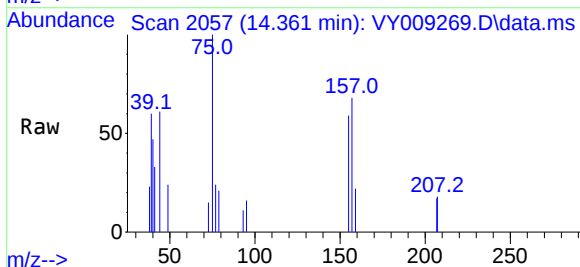
Tgt Ion: 75 Resp: 956

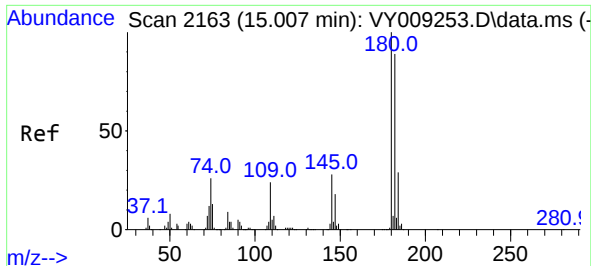
Ion Ratio Lower Upper

75 100

155 65.2 38.0 113.9

157 99.3 47.8 143.3

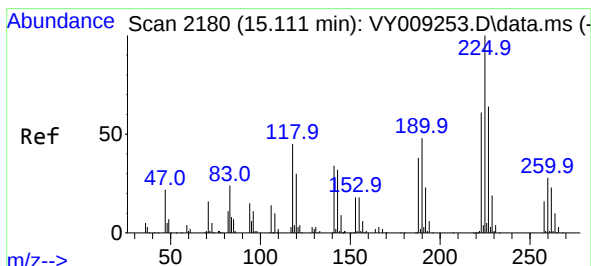
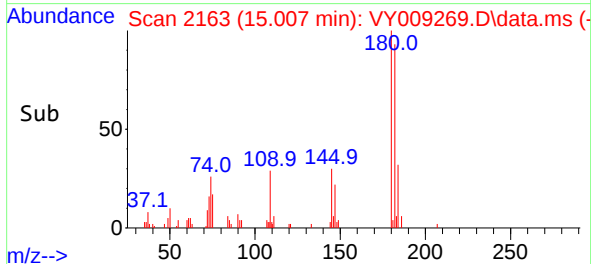
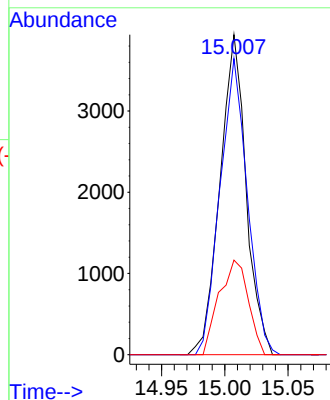
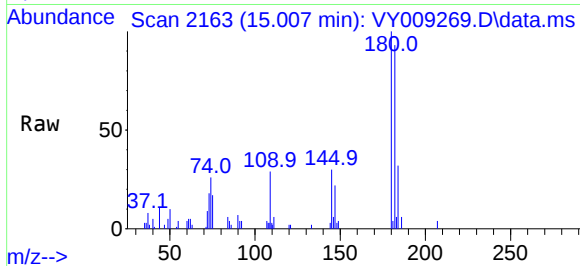




#93
1,2,4-Trichlorobenzene
Concen: 2.56 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

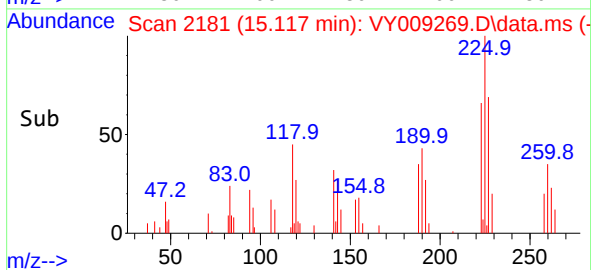
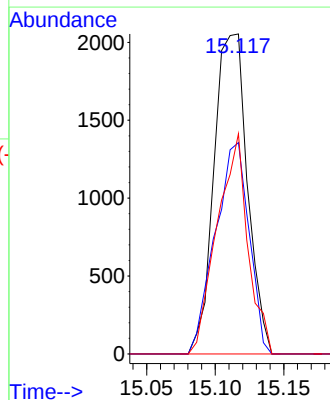
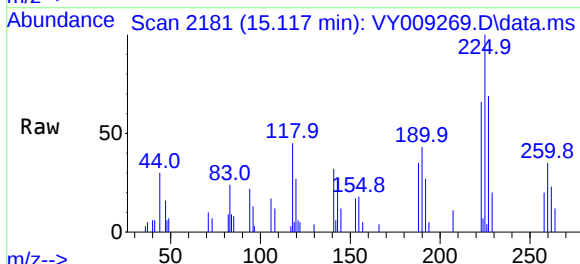
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT2-2022

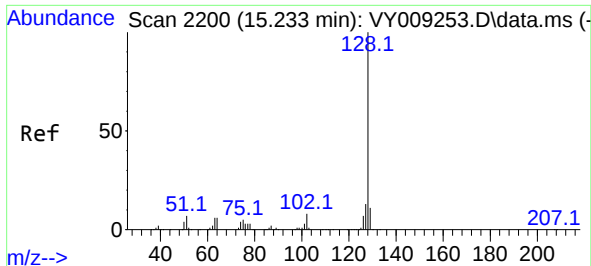
Tgt Ion:	180	Resp:	5658
Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.3	141.9
145	32.9	14.6	43.8



#94
Hexachlorobutadiene
Concen: 2.94 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:	225	Resp:	3491
Ion	Ratio	Lower	Upper
225	100		
223	66.6	30.8	92.3
227	63.1	31.6	94.7

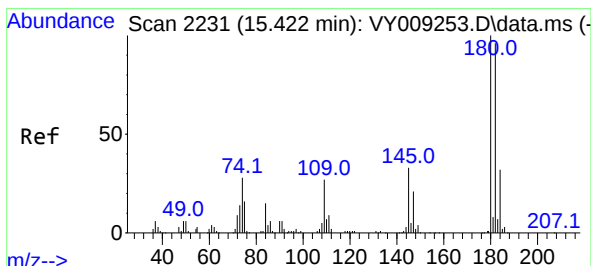
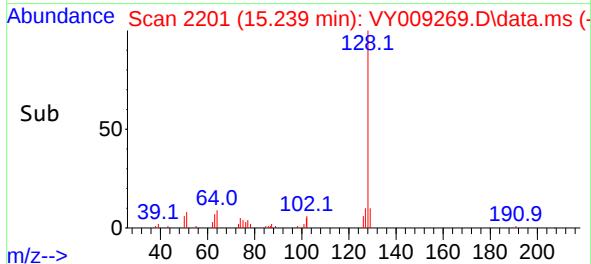
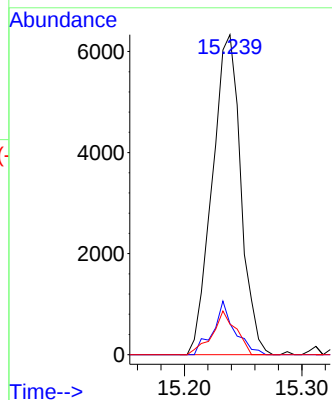
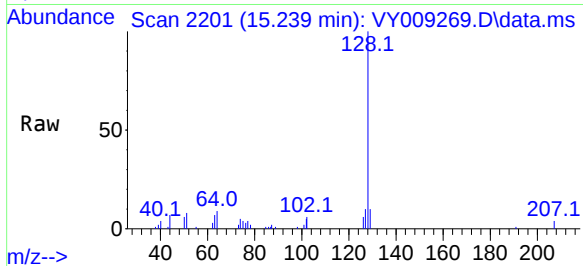




#95
Naphthalene
Concen: 2.41 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

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

Tgt Ion:128	Resp:	10668
Ion Ratio	Lower	Upper
128	100	
127	12.7	11.0 16.4
129	11.4	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 2.74 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009269.D
Acq: 22 Jun 2022 13:13

Tgt Ion:180	Resp:	5173
Ion Ratio	Lower	Upper
180	100	
182	98.4	47.3 141.9
145	29.8	15.3 45.9

