

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010425.D
 Acq On : 09 Sep 2022 18:09
 Operator : KP/MD
 Sample : N3980-03 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Quant Time: Sep 12 04:36:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 12 04:36:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	241955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	123849	50.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.640%	
35) Dibromofluoromethane	7.709	113	122969	45.357	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.720%	
50) Toluene-d8	10.172	98	455510	51.841	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	12.477	95	156574	38.832	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.660%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	5049	2.724	ug/l	97
3) Chloromethane	2.107	50	7911	2.910	ug/l	97
4) Vinyl Chloride	2.241	62	8799	2.624	ug/l	91
5) Bromomethane	2.649	94	7812	3.325	ug/l	90
6) Chloroethane	2.783	64	6101	2.720	ug/l	94
7) Trichlorofluoromethane	3.119	101	11541	2.717	ug/l	92
8) Diethyl Ether	3.521	74	3481	2.530	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.881	101	7320	2.943	ug/l	95
10) Methyl Iodide	4.082	142	7747	2.517	ug/l	92
11) Tert butyl alcohol	4.929	59	7376	22.409	ug/l #	86
12) 1,1-Dichloroethene	3.863	96	6376	2.733	ug/l #	75
13) Acrolein	3.716	56	3080	13.248	ug/l	98
14) Allyl chloride	4.472	41	8550	2.545	ug/l #	95
15) Acrylonitrile	5.155	53	8329	12.506	ug/l	99
16) Acetone	3.942	43	8460	15.128	ug/l	90
17) Carbon Disulfide	4.186	76	15376	2.437	ug/l	98
18) Methyl Acetate	4.466	43	5698	3.312	ug/l	92
19) Methyl tert-butyl Ether	5.210	73	16379	2.542	ug/l #	90
20) Methylene Chloride	4.710	84	21308	6.243	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	7205	2.720	ug/l #	74
22) Diisopropyl ether	6.112	45	18458	2.461	ug/l #	95
23) Vinyl Acetate	6.057	43	50033	10.884	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	11766	2.591	ug/l	98
25) 2-Butanone	6.978	43	12922	14.539	ug/l	94
26) 2,2-Dichloropropane	6.978	77	12577	2.902	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	8257	2.681	ug/l	93
28) Bromochloromethane	7.325	49	4309	2.959	ug/l #	76
29) Tetrahydrofuran	7.344	42	6879	12.402	ug/l #	81
30) Chloroform	7.502	83	12869	2.672	ug/l	91
31) Cyclohexane	7.776	56	14526	3.528	ug/l #	63
32) 1,1,1-Trichloroethane	7.697	97	10887	2.496	ug/l	96
36) 1,1-Dichloropropene	7.911	75	10678	2.877	ug/l	99
37) Ethyl Acetate	7.069	43	4971	2.548	ug/l #	88
38) Carbon Tetrachloride	7.898	117	10865	2.631	ug/l	96
39) Methylcyclohexane	9.179	83	12331	2.664	ug/l #	88
40) Benzene	8.154	78	28161	2.636	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	1873	1.679	ug/l #	56
42) 1,2-Dichloroethane	8.234	62	8454	2.661	ug/l	93
43) Isopropyl Acetate	8.270	43	8588	2.405	ug/l #	93
44) Trichloroethene	8.941	130	8621	2.741	ug/l	86
45) 1,2-Dichloropropane	9.215	63	6809	2.613	ug/l	100
46) Dibromomethane	9.301	93	4000	2.545	ug/l	94
47) Bromodichloromethane	9.490	83	9255	2.480	ug/l #	91
48) Methyl methacrylate	9.288	41	4006	2.498	ug/l #	85
49) 1,4-Dioxane	9.288	88	980	47.112	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	22442	11.458	ug/l	91
52) Toluene	10.239	92	18719	2.677	ug/l	92
53) t-1,3-Dichloropropene	10.465	75	9028	2.350	ug/l	93
54) cis-1,3-Dichloropropene	9.929	75	10535	2.432	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	6002	2.685	ug/l	97
56) Ethyl methacrylate	10.508	69	6758	2.302	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	9480	2.551	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	17063	17.086	ug/l	91
59) 2-Hexanone	10.831	43	14131	10.584	ug/l	87
60) Dibromochloromethane	10.983	129	6629	2.427	ug/l	100
61) 1,2-Dibromoethane	11.081	107	5599	2.580	ug/l	95
64) Tetrachloroethene	10.715	164	8633	2.829	ug/l	94
65) Chlorobenzene	11.514	112	20826	2.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	7245	2.584	ug/l	95
67) Ethyl Benzene	11.587	91	34723	2.591	ug/l	99
68) m/p-Xylenes	11.697	106	27353	5.199	ug/l	92
69) o-Xylene	12.026	106	12755	2.539	ug/l	93
70) Styrene	12.044	104	20680	2.432	ug/l	96
71) Bromoform	12.209	173	4179	2.384	ug/l #	96
73) Isopropylbenzene	12.324	105	35043	2.674	ug/l	99
74) N-amyl acetate	12.142	43	6804	2.225	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.574	83	6777	2.765	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	8541	4.608	ug/l #	100
77) Bromobenzene	12.605	156	8689	2.798	ug/l	89
78) n-propylbenzene	12.666	91	42636	2.748	ug/l	96
79) 2-Chlorotoluene	12.757	91	23642	2.712	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	29881	2.702	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.477	75	79027	94.659	ug/l #	7
82) 4-Chlorotoluene	12.855	91	24981	2.755	ug/l	97
83) tert-Butylbenzene	13.074	119	26112	2.702	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	28916	2.673	ug/l	98
85) sec-Butylbenzene	13.251	105	38867	2.716	ug/l	98
86) p-Isopropyltoluene	13.367	119	30895	2.552	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	17716	2.841	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	18625	3.016	ug/l	94
89) n-Butylbenzene	13.696	91	30371	2.764	ug/l	98
90) Hexachloroethane	13.958	117	6211	2.733	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	15493	2.805	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1175	2.840	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	9397	2.740	ug/l	95
94) Hexachlorobutadiene	15.111	225	6621	3.199	ug/l	98
95) Naphthalene	15.232	128	17708	2.617	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	8433	2.816	ug/l	98

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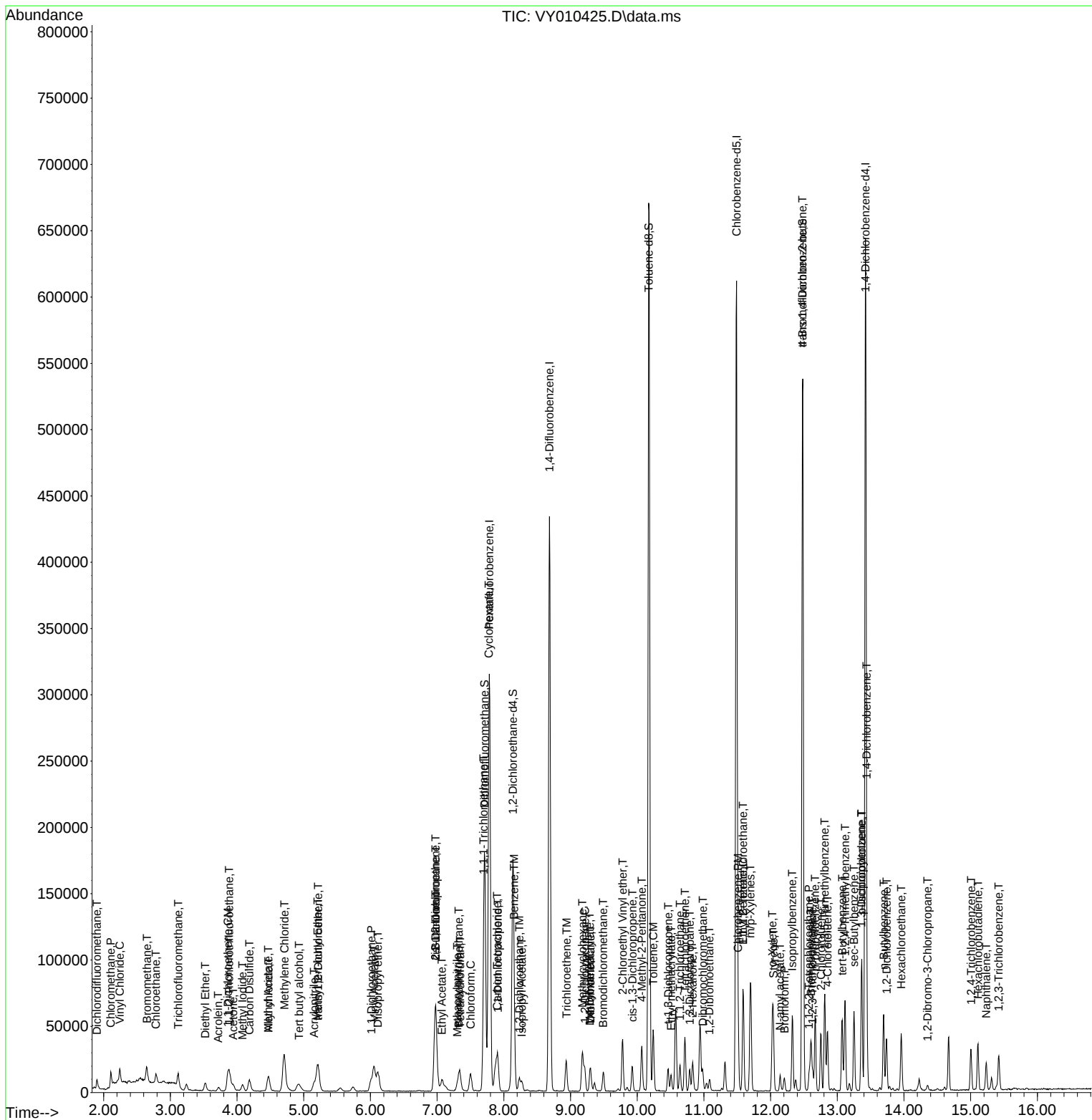
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT3-2022

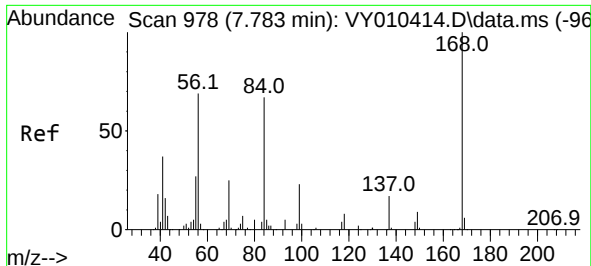
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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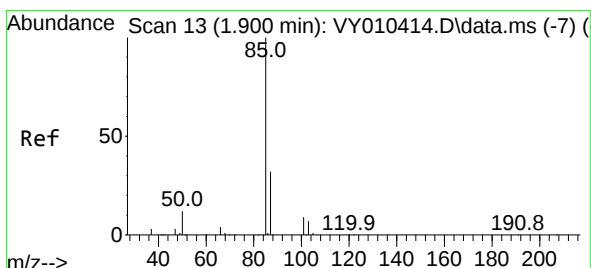
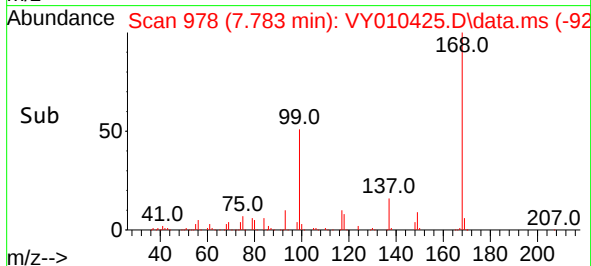
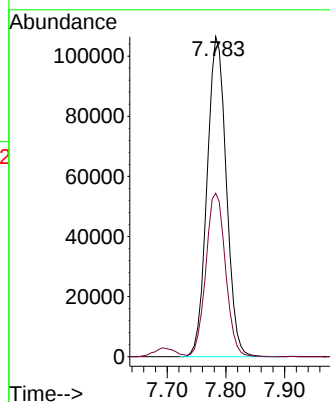
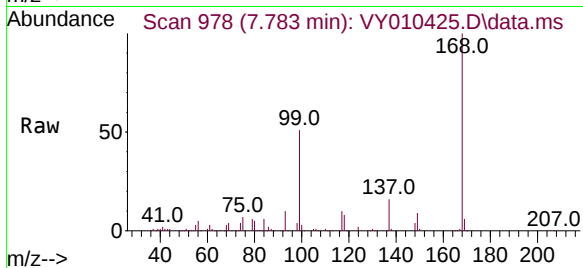




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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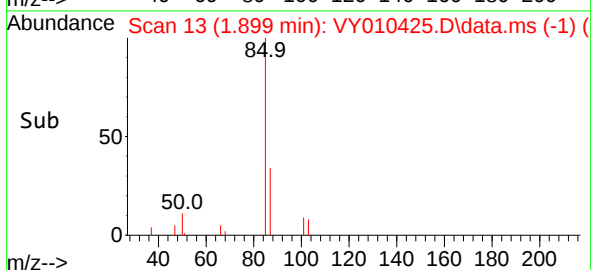
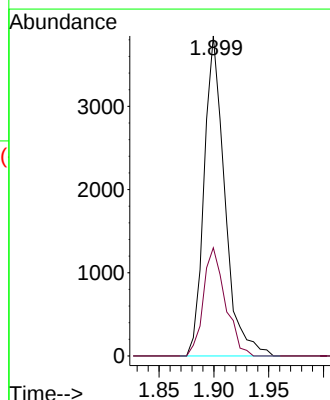
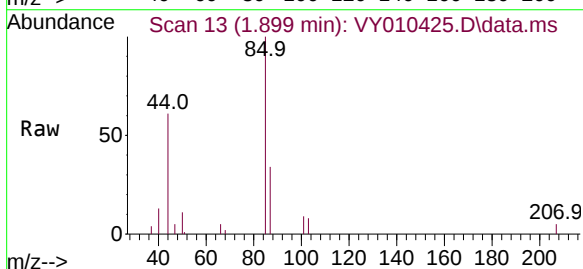
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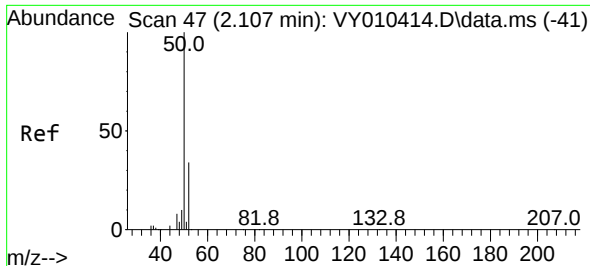
Tgt Ion:168 Resp: 241955
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 2.724 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.001 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 85 Resp: 5049
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2

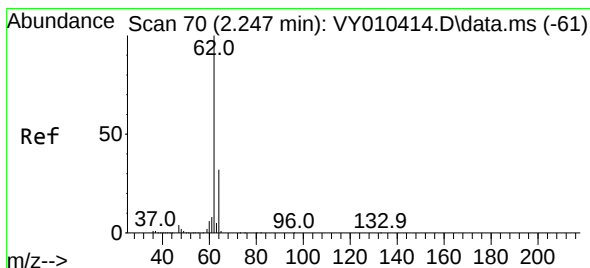
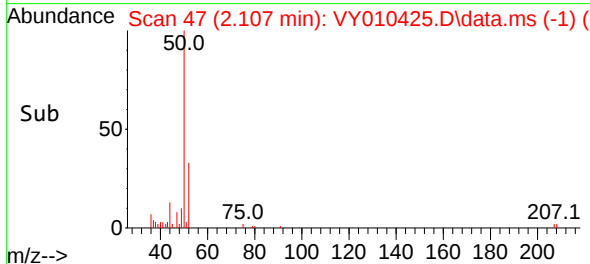
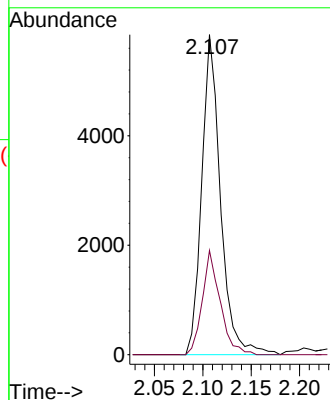
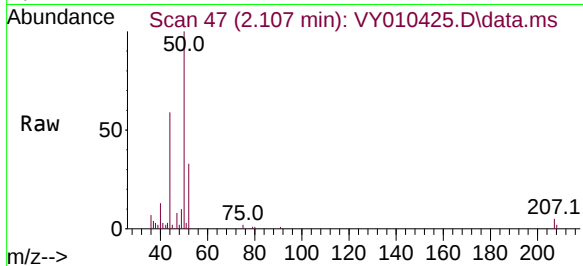




#3
Chloromethane
Concen: 2.910 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

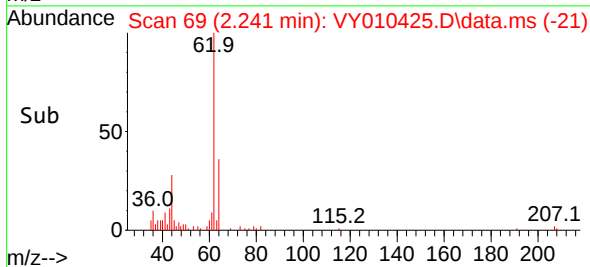
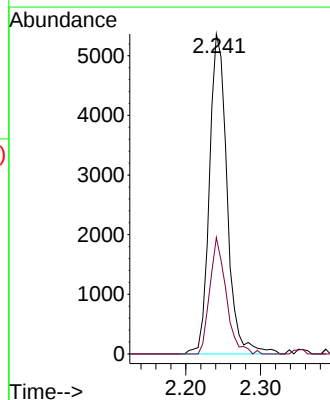
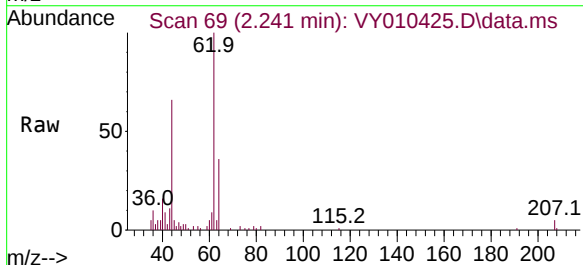
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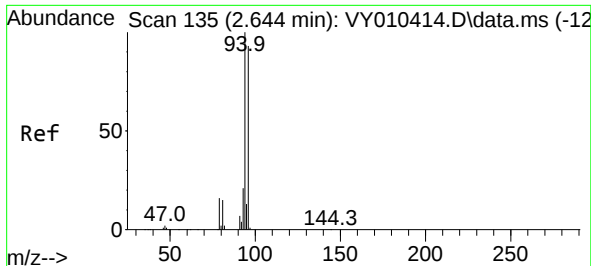
Tgt Ion: 50 Resp: 7911
Ion Ratio Lower Upper
50 100
52 32.6 24.6 37.0



#4
Vinyl Chloride
Concen: 2.624 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 62 Resp: 8799
Ion Ratio Lower Upper
62 100
64 36.4 25.0 37.6

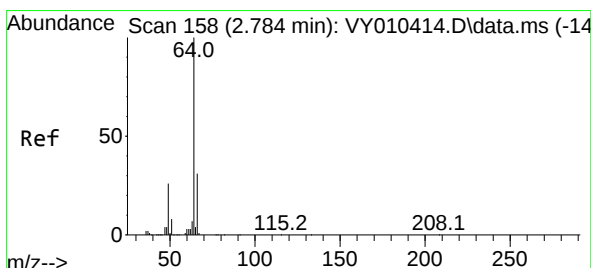
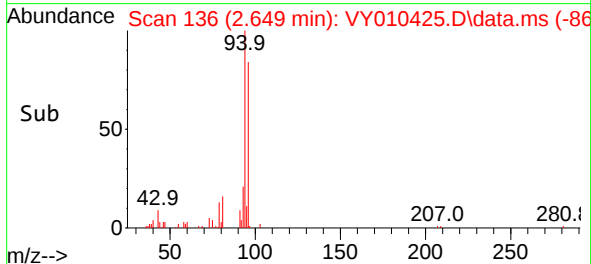
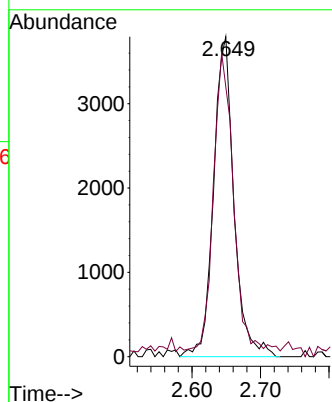
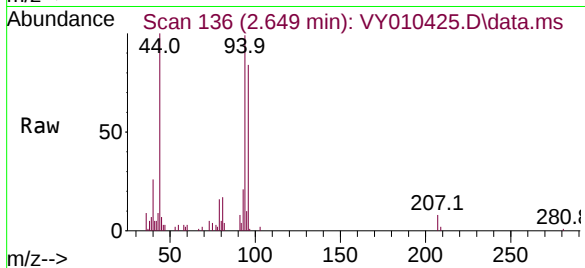




#5
Bromomethane
Concen: 3.325 ug/l
RT: 2.649 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010425.D
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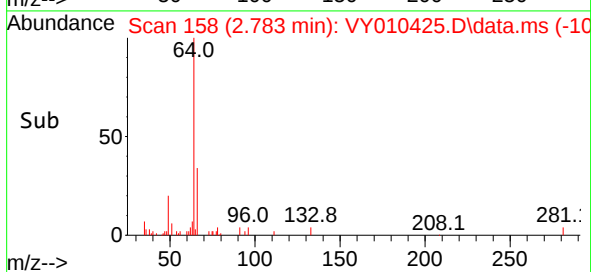
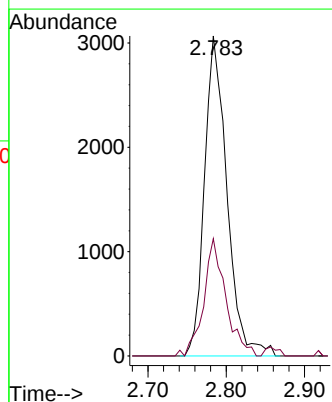
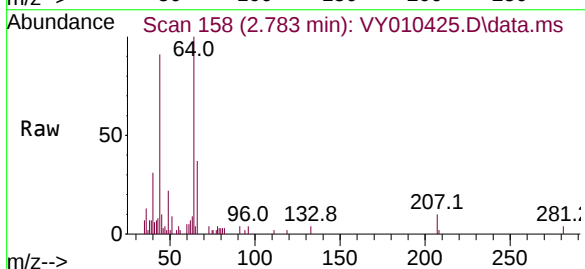
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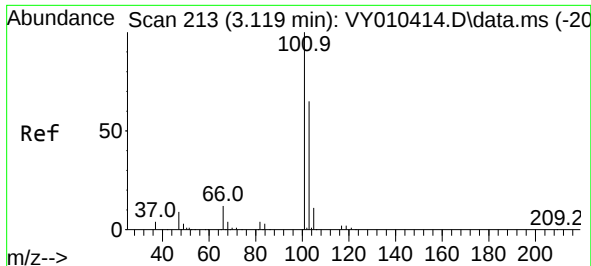
Tgt Ion: 94 Resp: 7812
Ion Ratio Lower Upper
94 100
96 82.5 73.5 110.3



#6
Chloroethane
Concen: 2.720 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.001 min
Lab File: VY010425.D
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Tgt Ion: 64 Resp: 6101
Ion Ratio Lower Upper
64 100
66 34.9 25.4 38.0

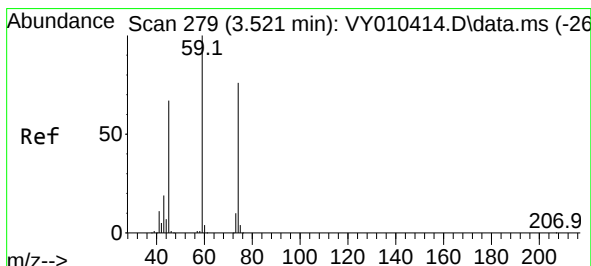
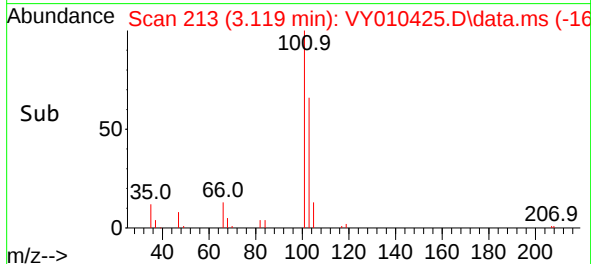
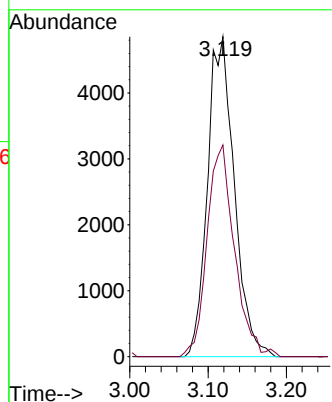
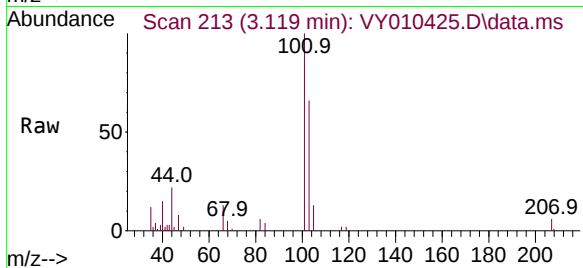




#7
 Trichlorofluoromethane
 Concen: 2.717 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY010425.D
 Acq: 09 Sep 2022 18:09

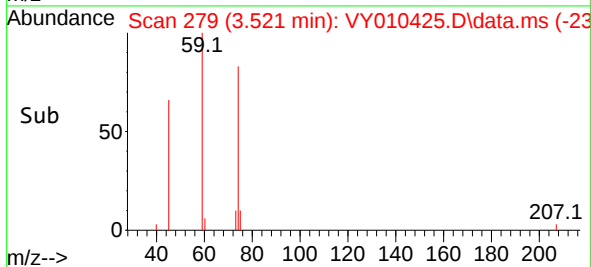
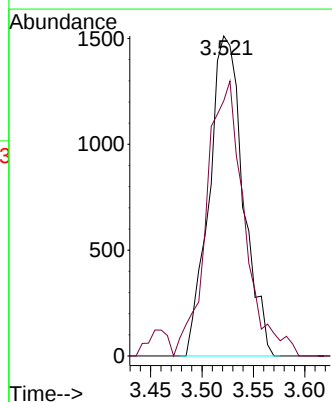
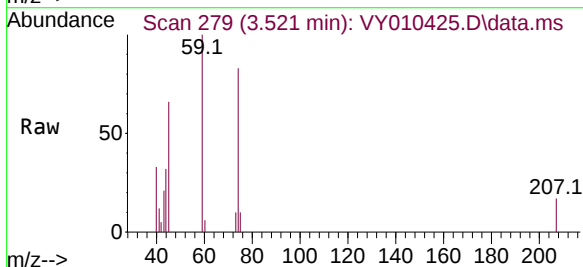
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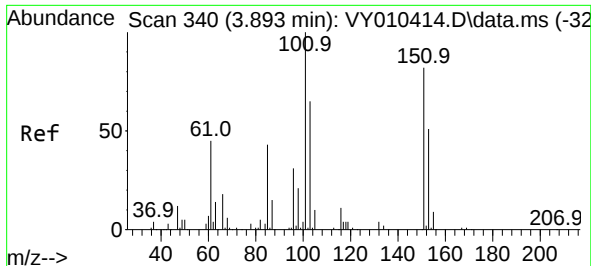
Tgt Ion: 101 Resp: 11541
 Ion Ratio Lower Upper
 101 100
 103 66.2 48.0 72.0



#8
 Diethyl Ether
 Concen: 2.530 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 3481
 Ion Ratio Lower Upper
 74 100
 45 95.5 55.1 165.5

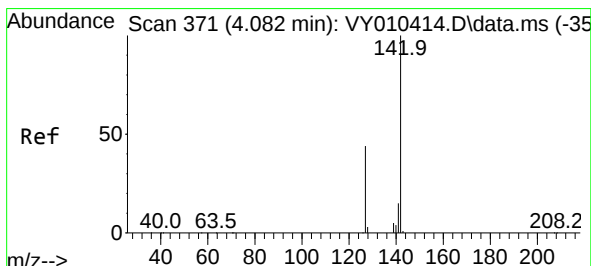
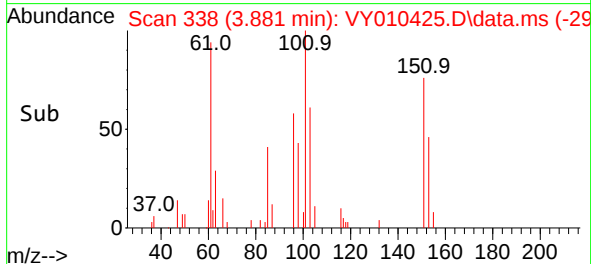
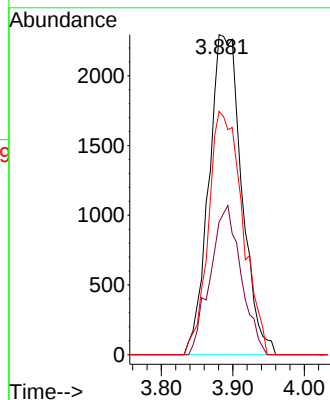
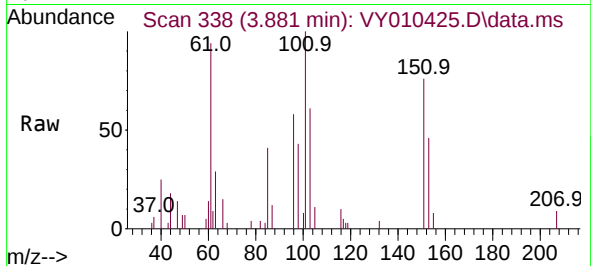




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.943 ug/l
RT: 3.881 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

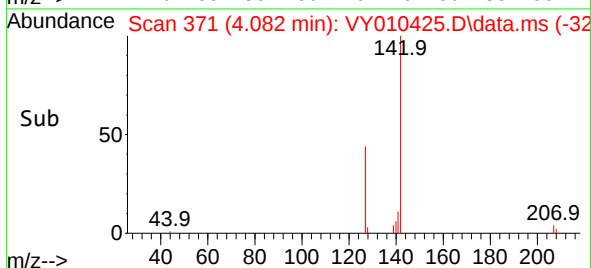
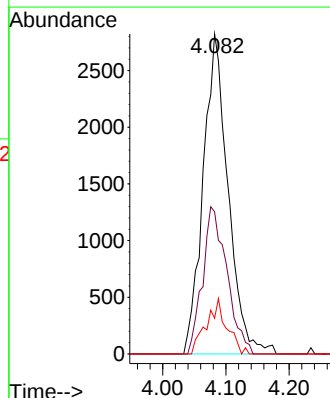
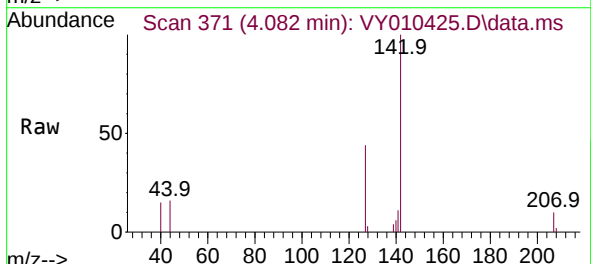
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

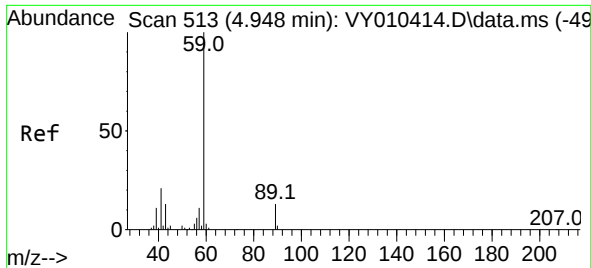
Tgt Ion:101	Resp:	7320
Ion	Ratio	Lower Upper
101	100	
85	43.7	40.6 60.8
151	79.0	64.9 97.3



#10
Methyl Iodide
Concen: 2.517 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion:142	Resp:	7747
Ion	Ratio	Lower Upper
142	100	
127	44.7	41.5 62.3
141	14.1	11.9 17.9





#11

Tert butyl alcohol

Concen: 22.409 ug/l

RT: 4.929 min Scan# 513

Delta R.T. -0.019 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

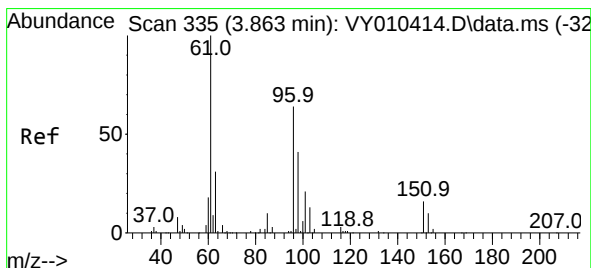
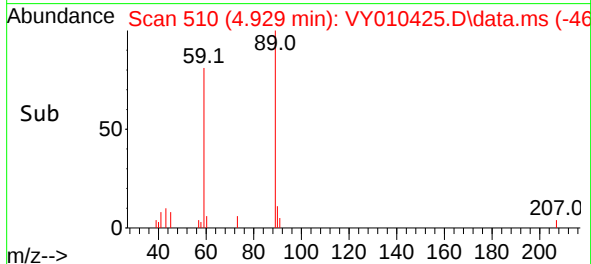
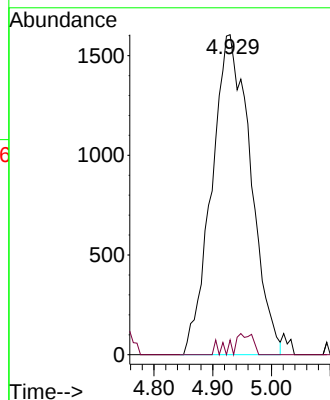
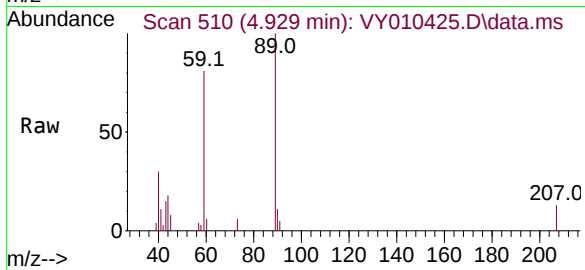
MDL-SOIL-03-QT3-2022

Tgt Ion: 59 Resp: 7376

Ion Ratio Lower Upper

59 100

57 3.0 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 2.733 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

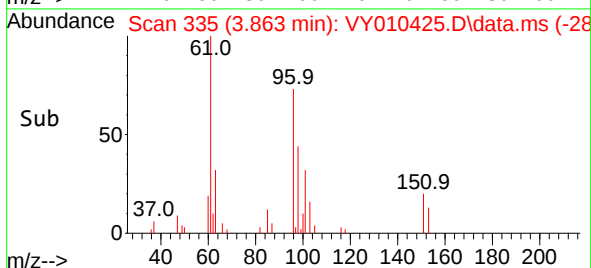
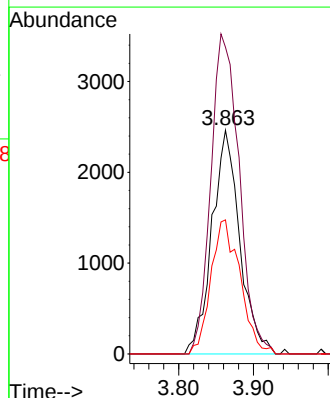
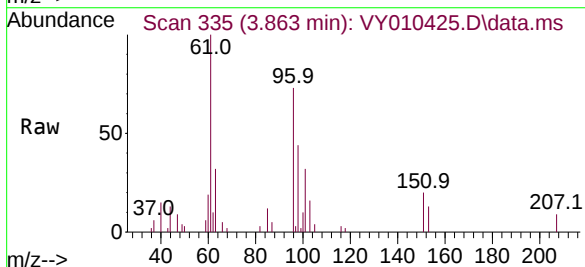
Tgt Ion: 96 Resp: 6376

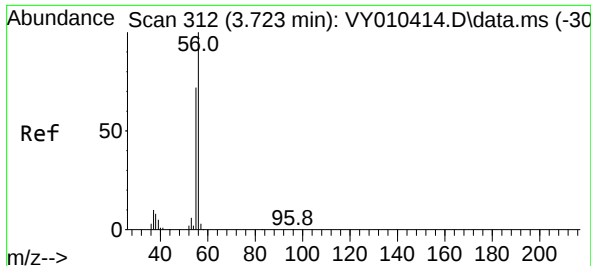
Ion Ratio Lower Upper

96 100

61 137.1 145.8 218.6#

98 60.0 52.5 78.7





#13

Acrolein

Concen: 13.248 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.007 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

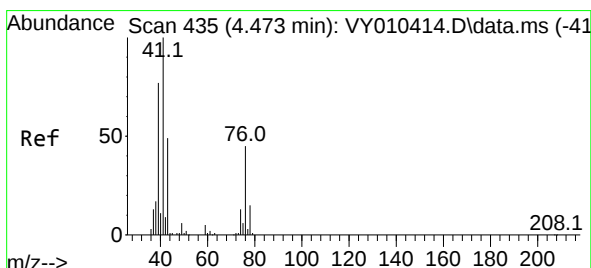
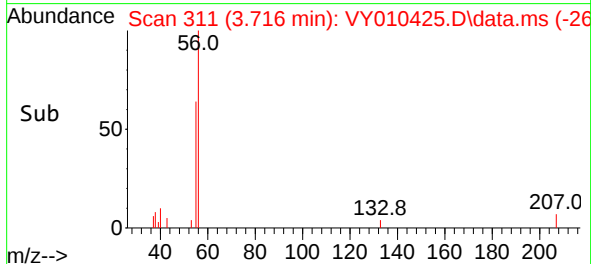
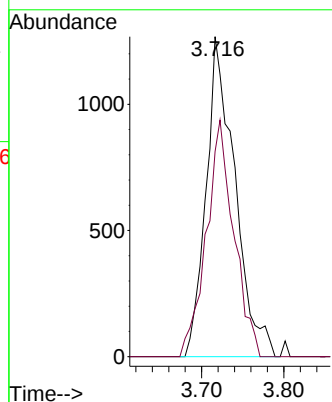
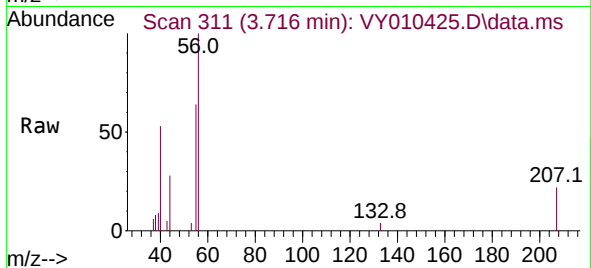
MDL-SOIL-03-QT3-2022

Tgt Ion: 56 Resp: 3080

Ion Ratio Lower Upper

56 100

55 70.7 57.6 86.4



#14

Allyl chloride

Concen: 2.545 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.001 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

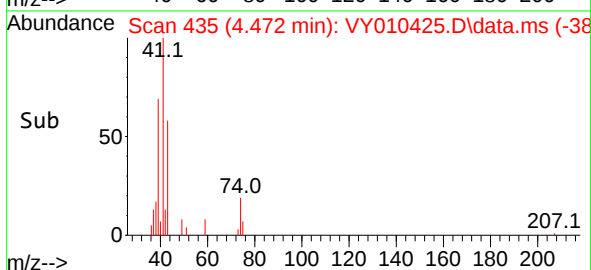
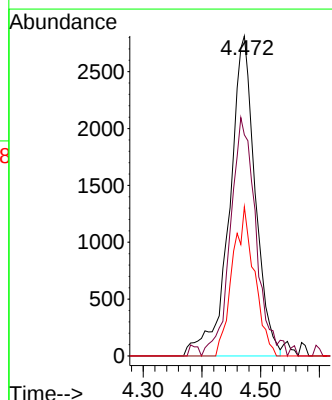
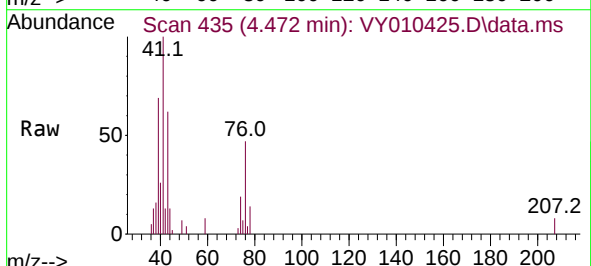
Tgt Ion: 41 Resp: 8550

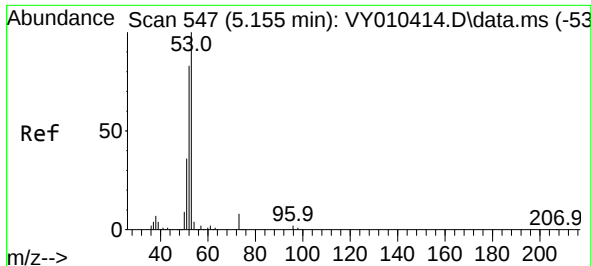
Ion Ratio Lower Upper

41 100

39 73.9 58.8 88.2

76 40.2 25.1 37.7#

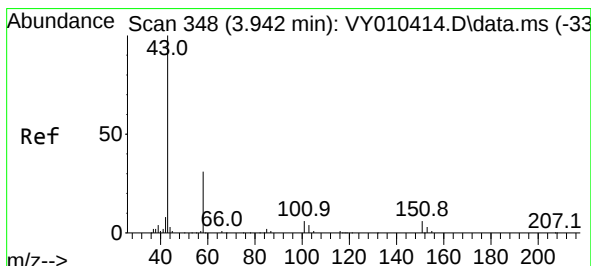
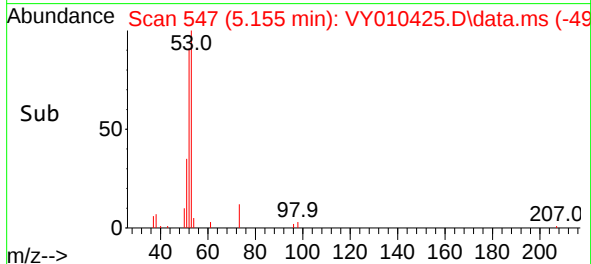
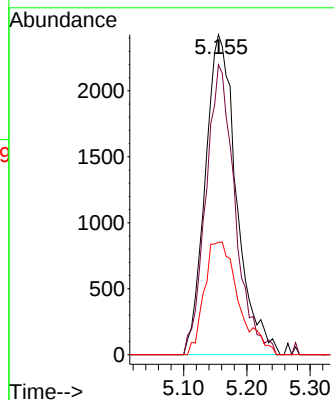
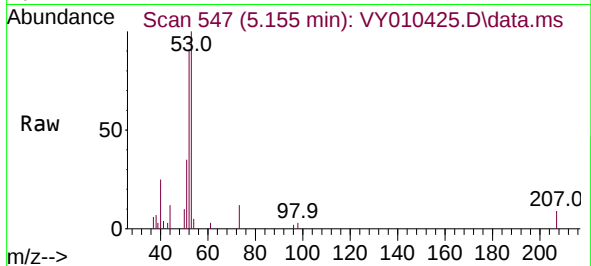




#15
Acrylonitrile
Concen: 12.506 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

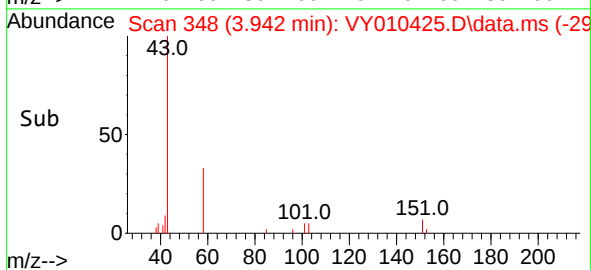
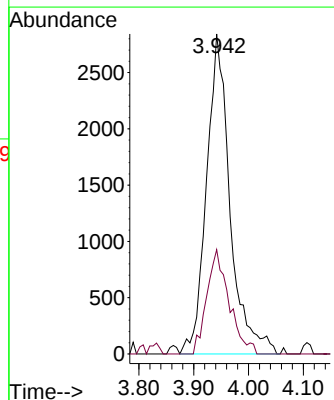
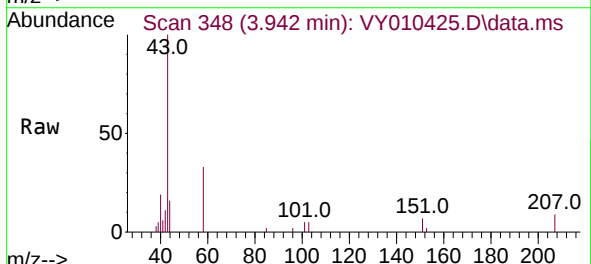
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

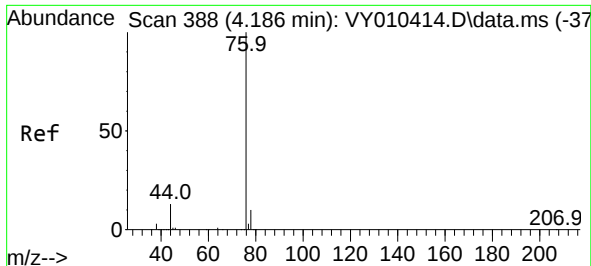
Tgt Ion:	53	Resp:	8329
Ion	Ratio	Lower	Upper
53	100		
52	84.7	67.0	100.4
51	38.6	29.8	44.6



#16
Acetone
Concen: 15.128 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion:	43	Resp:	8460
Ion	Ratio	Lower	Upper
43	100		
58	32.6	22.0	33.0

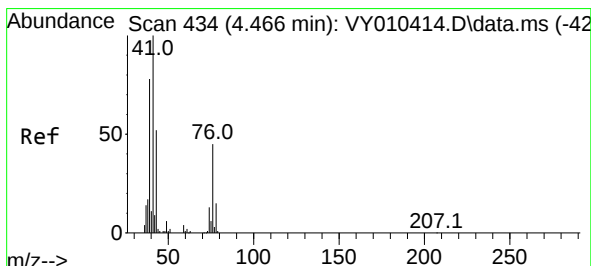
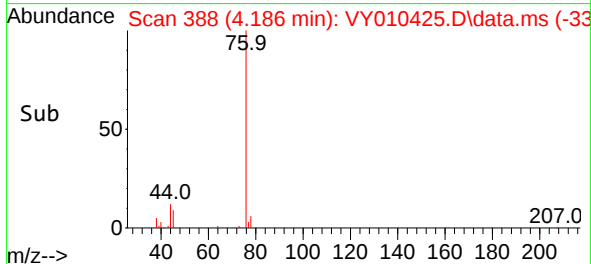
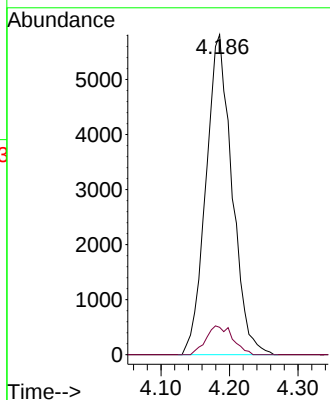
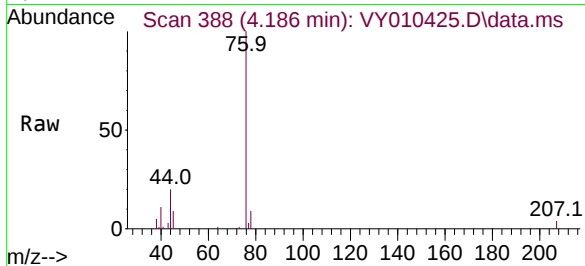




#17
Carbon Disulfide
Concen: 2.437 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

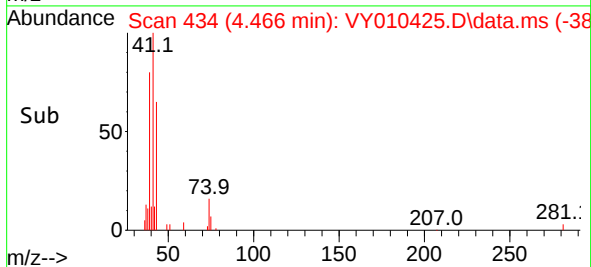
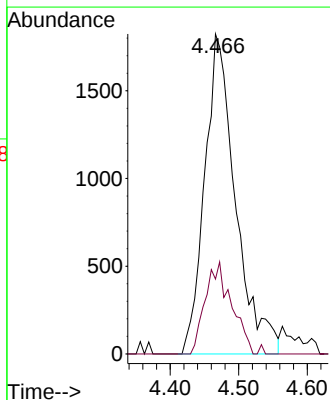
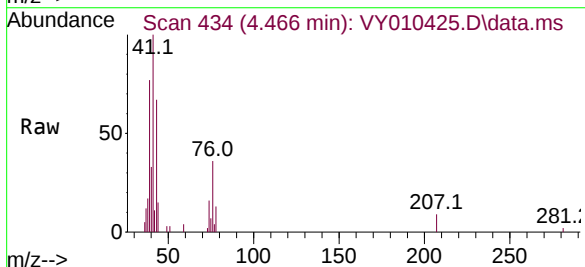
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

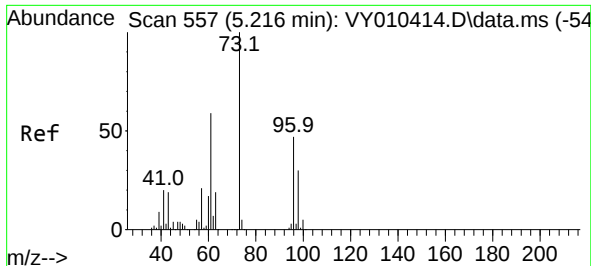
Tgt Ion: 76 Resp: 15376
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 3.312 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 43 Resp: 5698
Ion Ratio Lower Upper
43 100
74 24.5 16.6 24.8

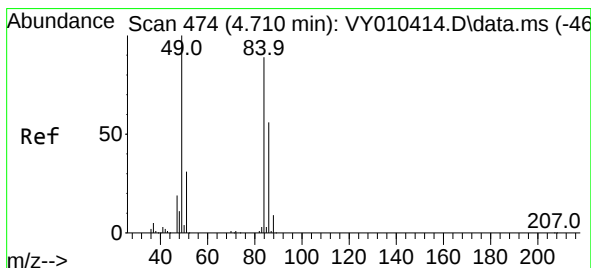
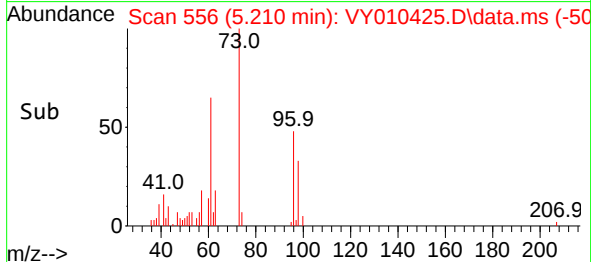
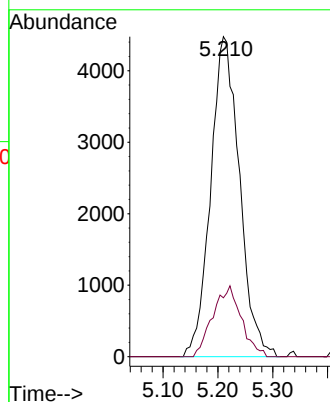
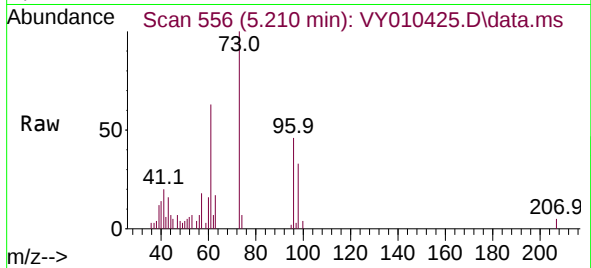




#19
Methyl tert-butyl Ether
Concen: 2.542 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

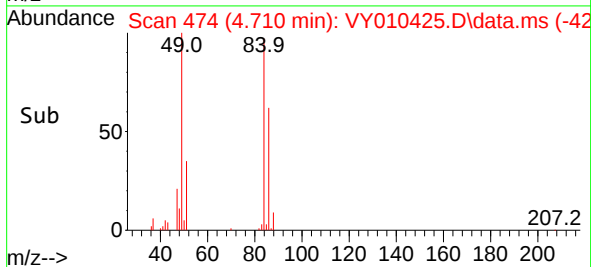
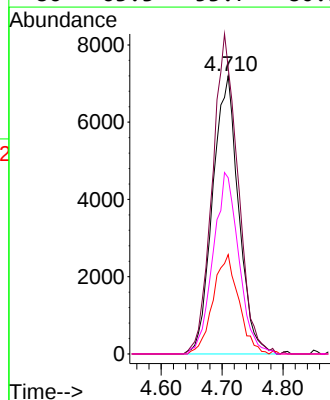
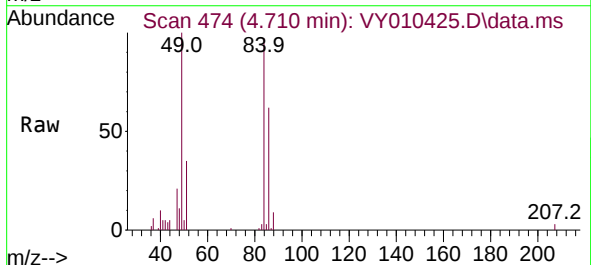
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

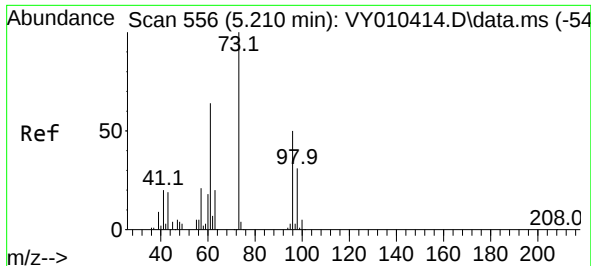
Tgt Ion: 73 Resp: 16379
Ion Ratio Lower Upper
73 100
57 18.4 18.6 27.8#



#20
Methylene Chloride
Concen: 6.243 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 84 Resp: 21308
Ion Ratio Lower Upper
84 100
49 102.8 114.4 171.6#
51 35.7 35.3 52.9
86 63.3 53.7 80.5

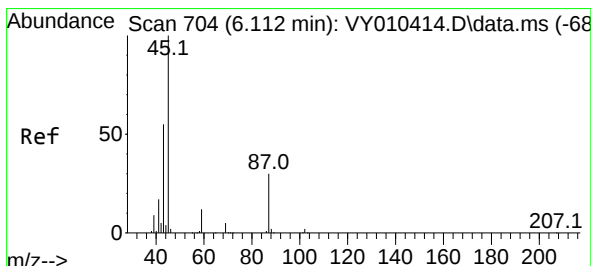
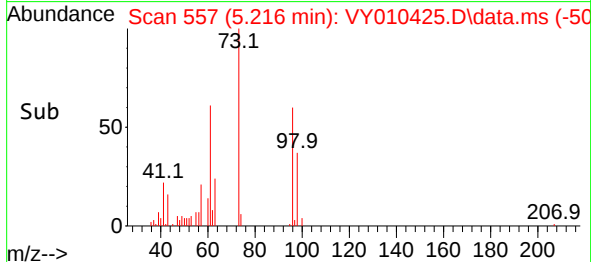
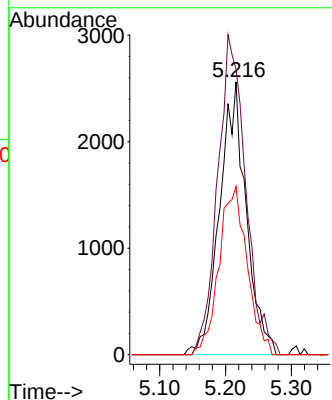
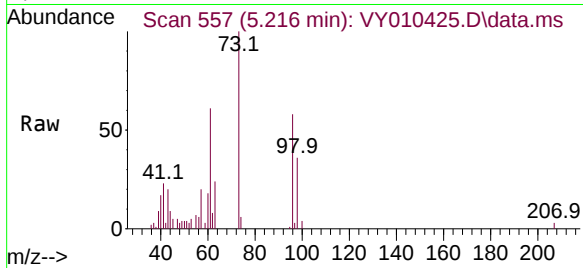




#21
trans-1,2-Dichloroethene
Concen: 2.720 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

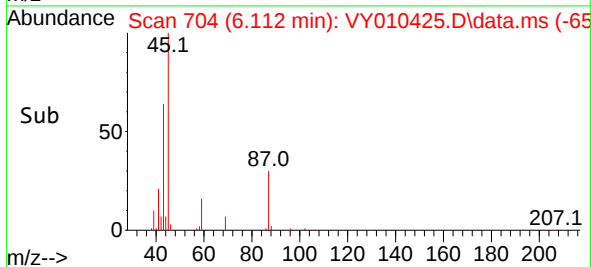
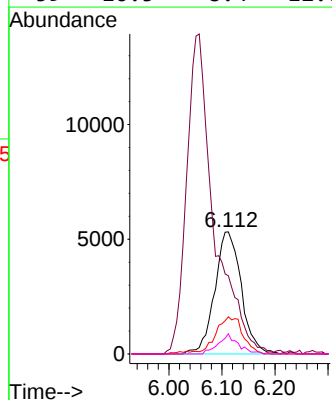
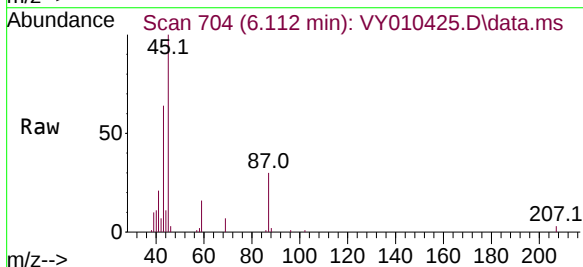
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

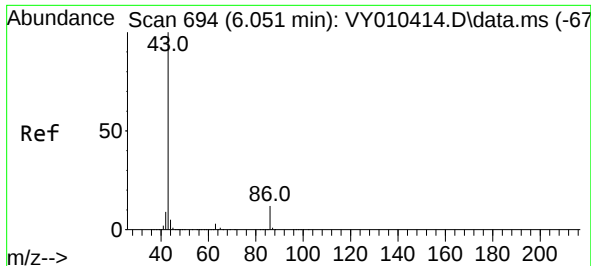
Tgt Ion: 96 Resp: 7205
Ion Ratio Lower Upper
96 100
61 104.6 120.5 180.7#
98 61.6 49.8 74.8



#22
Diisopropyl ether
Concen: 2.461 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 45 Resp: 18458
Ion Ratio Lower Upper
45 100
43 61.1 49.3 73.9
87 30.4 19.2 28.8#
59 16.5 8.4 12.6#

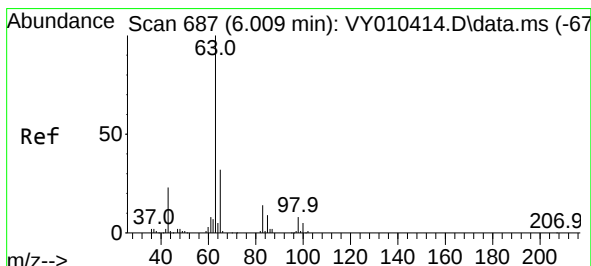
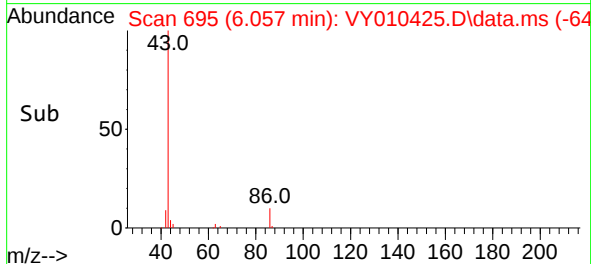
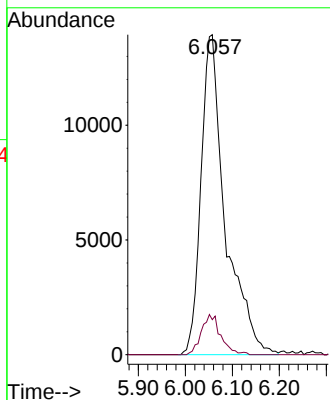
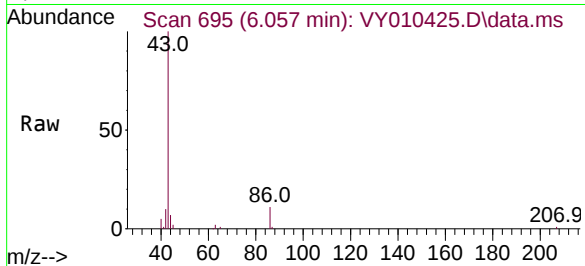




#23
 Vinyl Acetate
 Concen: 10.884 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY010425.D
 Acq: 09 Sep 2022 18:09

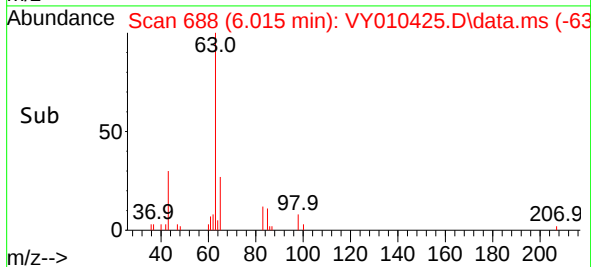
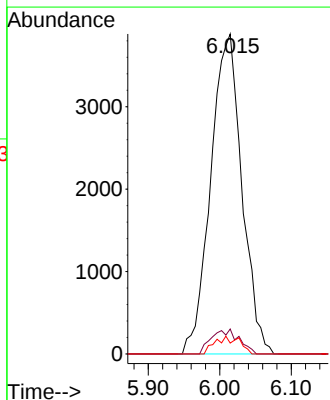
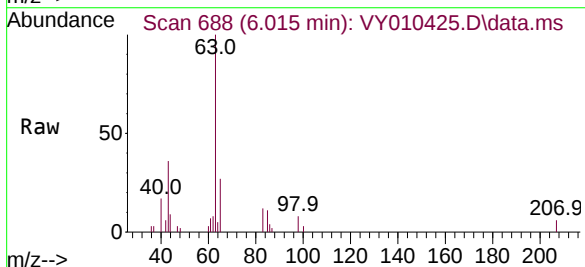
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

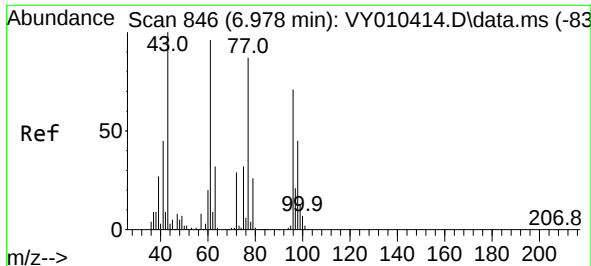
Tgt Ion: 43 Resp: 50033
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 2.591 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY010425.D
 Acq: 09 Sep 2022 18:09

Tgt Ion: 63 Resp: 11766
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 3.4 2.0 5.8

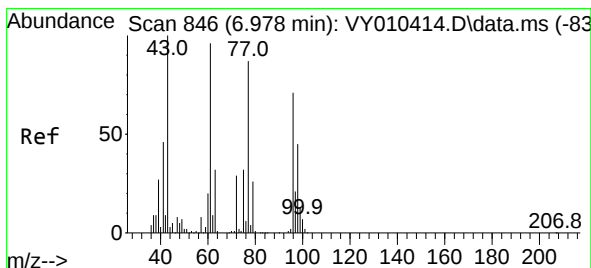
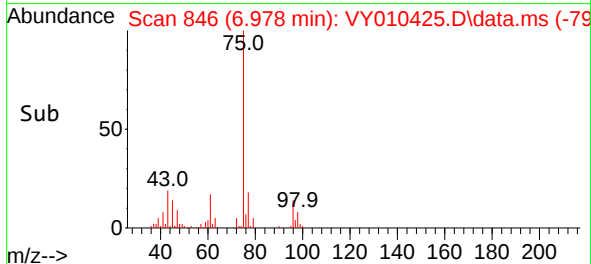
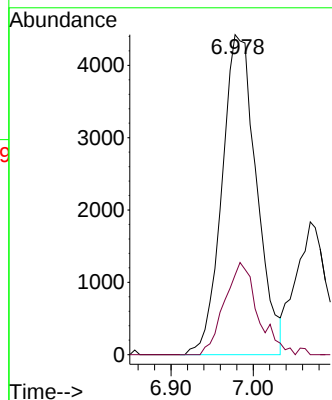
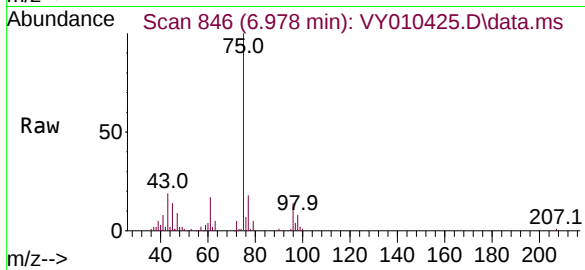




#25
2-Butanone
Concen: 14.539 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

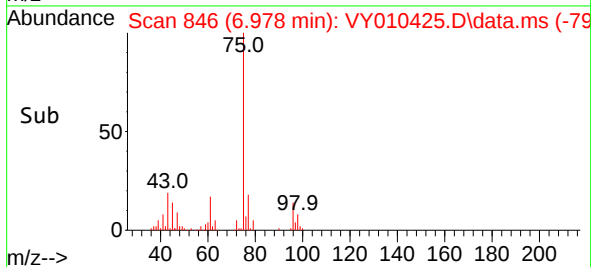
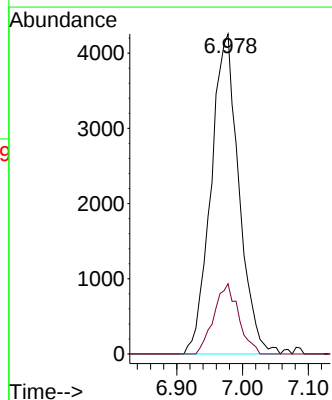
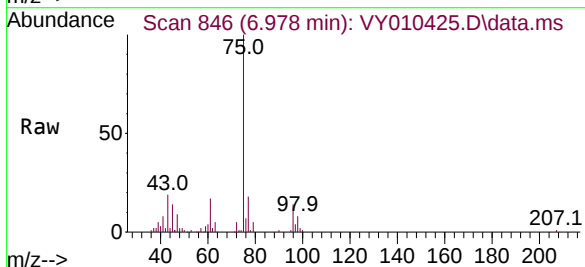
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

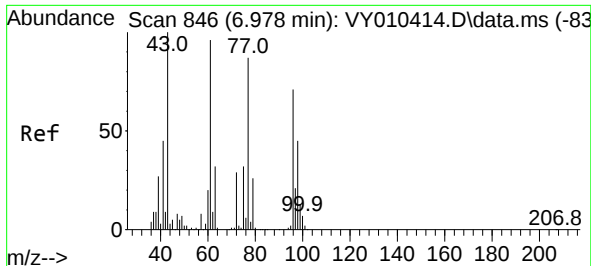
Tgt Ion: 43 Resp: 12922
Ion Ratio Lower Upper
43 100
72 24.9 17.7 26.5



#26
2,2-Dichloropropane
Concen: 2.902 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 77 Resp: 12577
Ion Ratio Lower Upper
77 100
97 19.4 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 2.681 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

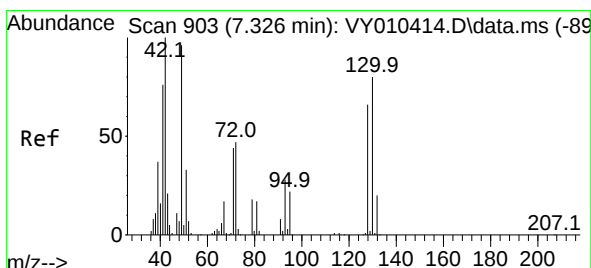
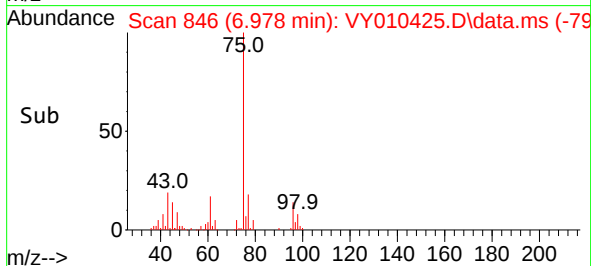
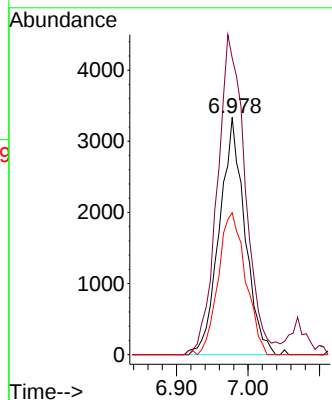
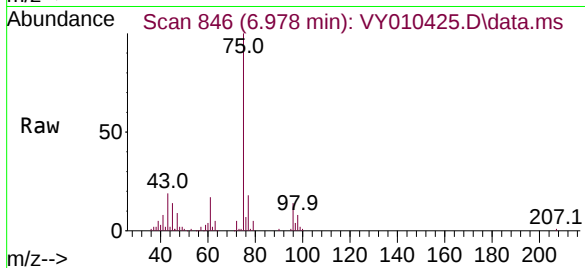
Tgt Ion: 96 Resp: 8257

Ion Ratio Lower Upper

96 100

61 148.3 0.0 319.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 2.959 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.001 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

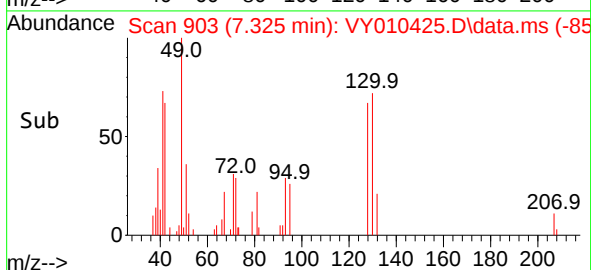
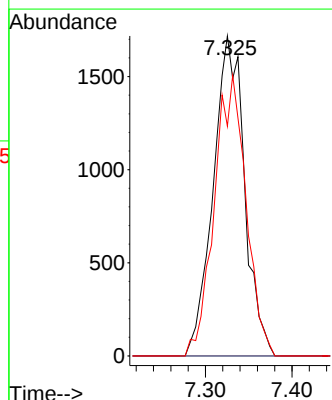
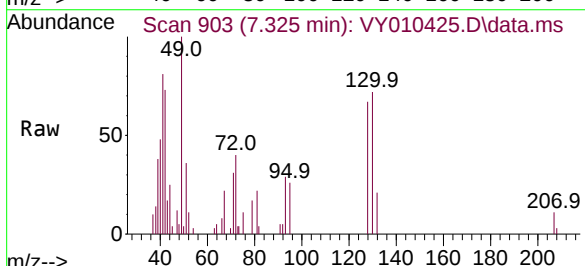
Tgt Ion: 49 Resp: 4309

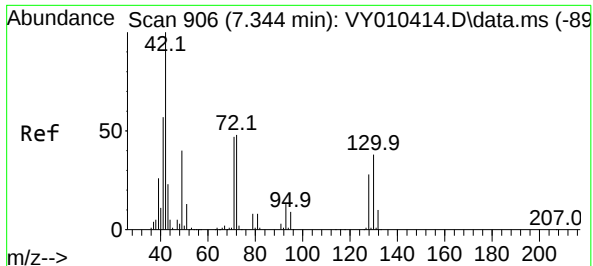
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 88.7 55.4 83.0#





#29

Tetrahydrofuran

Concen: 12.402 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

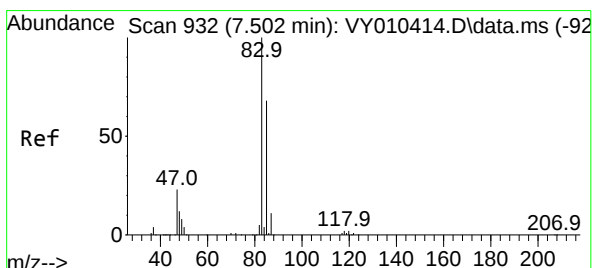
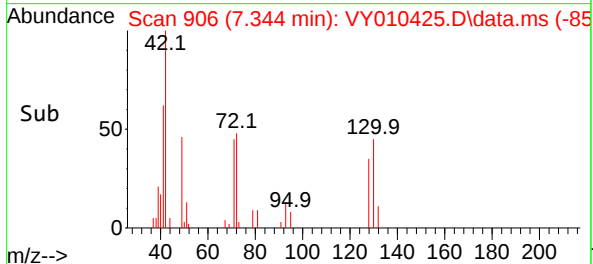
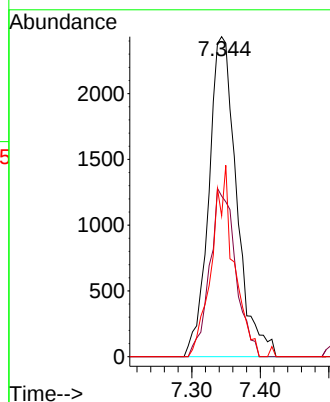
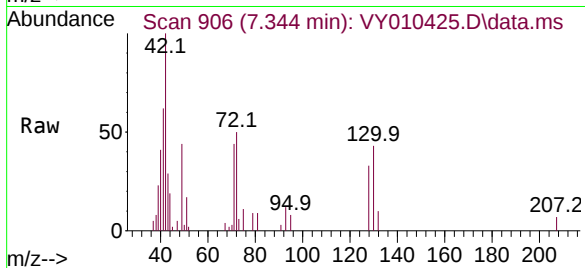
Tgt Ion: 42 Resp: 6879

Ion Ratio Lower Upper

42 100

72 48.9 30.3 45.5#

71 47.4 29.0 43.4#



#30

Chloroform

Concen: 2.672 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010425.D

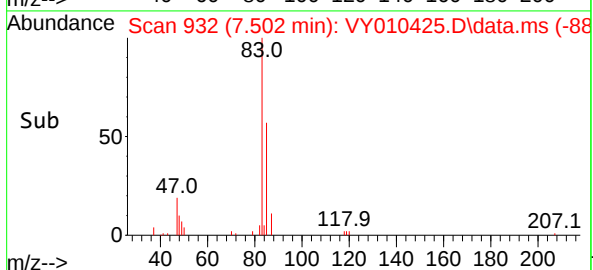
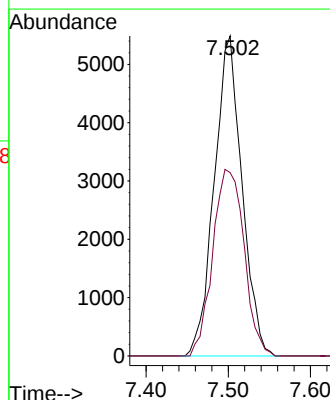
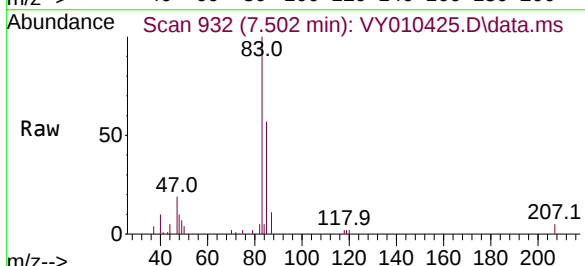
Acq: 09 Sep 2022 18:09

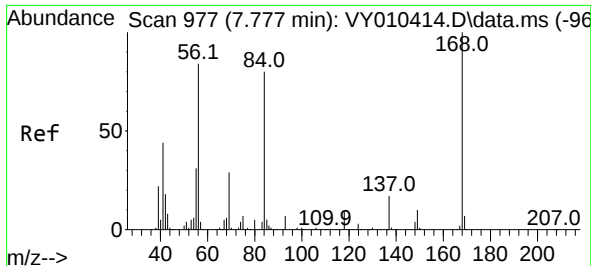
Tgt Ion: 83 Resp: 12869

Ion Ratio Lower Upper

83 100

85 57.3 51.8 77.6

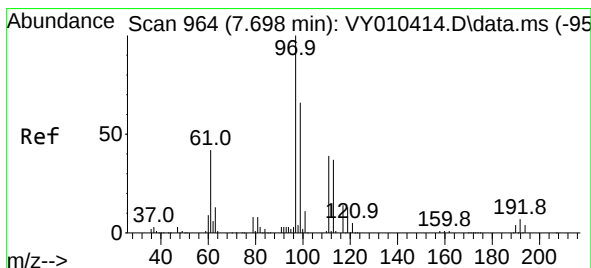
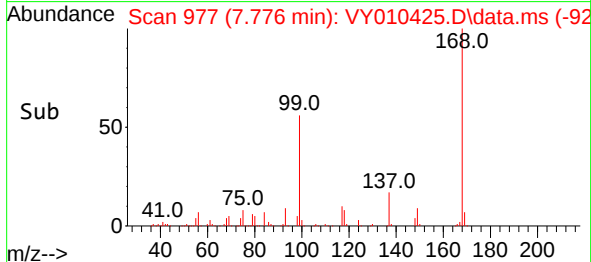
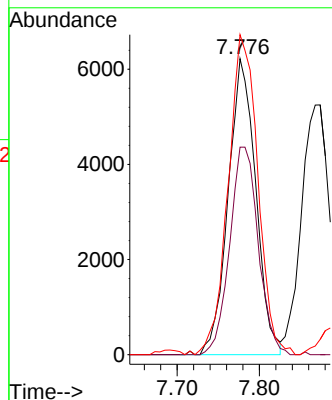
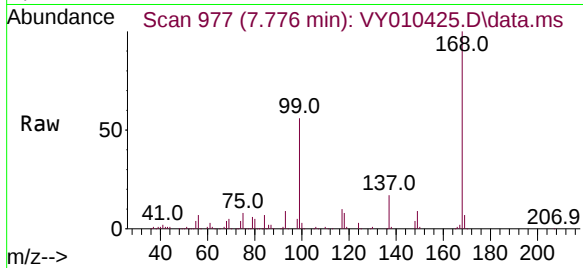




#31
Cyclohexane
Concen: 3.528 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

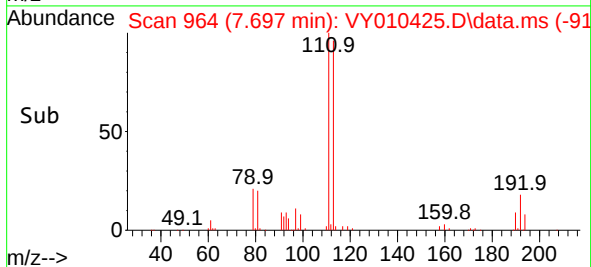
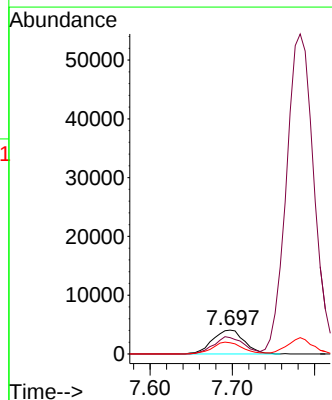
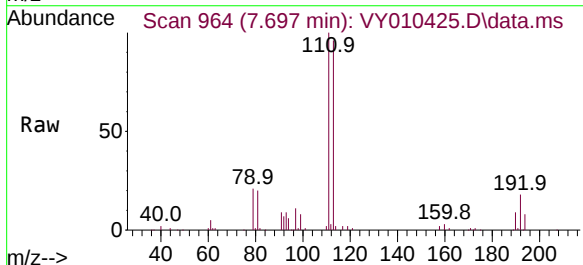
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

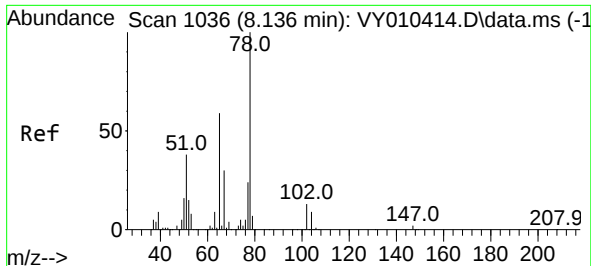
Tgt Ion: 56 Resp: 14526
Ion Ratio Lower Upper
56 100
69 70.1 26.7 40.1#
84 107.1 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 2.496 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 97 Resp: 10887
Ion Ratio Lower Upper
97 100
99 67.8 50.7 76.1
61 45.4 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 50.823 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

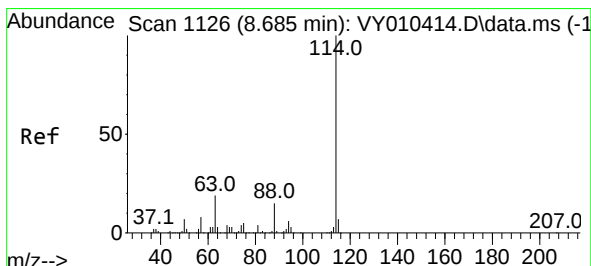
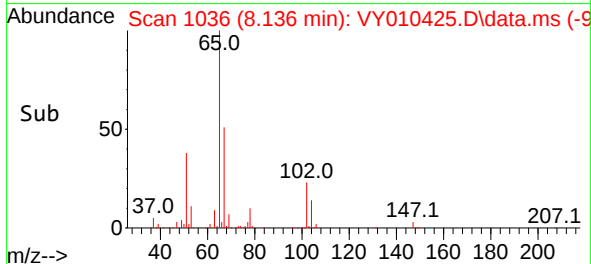
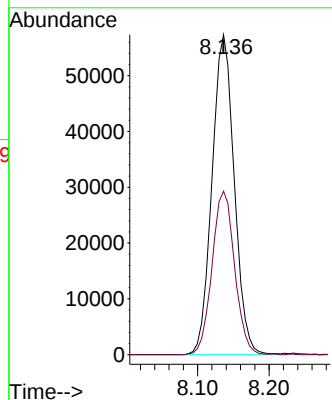
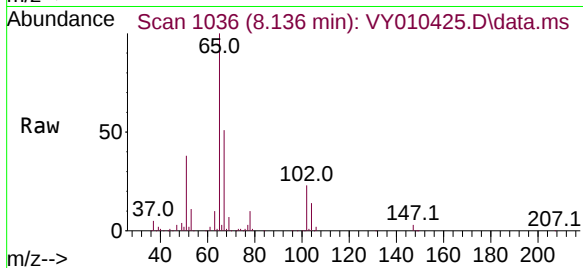
MDL-SOIL-03-QT3-2022

Tgt Ion: 65 Resp: 123849

Ion Ratio Lower Upper

65 100

67 51.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

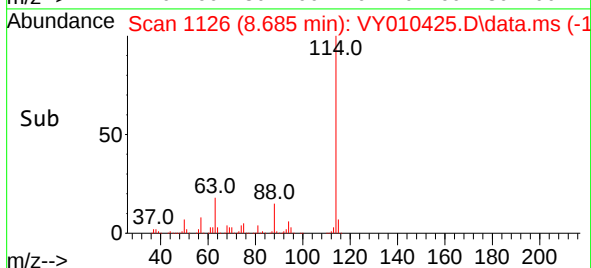
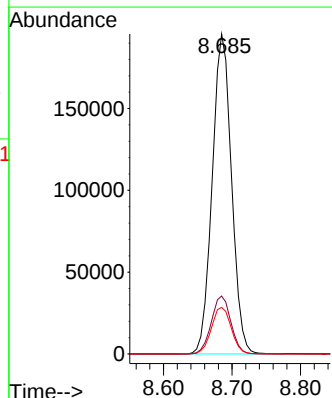
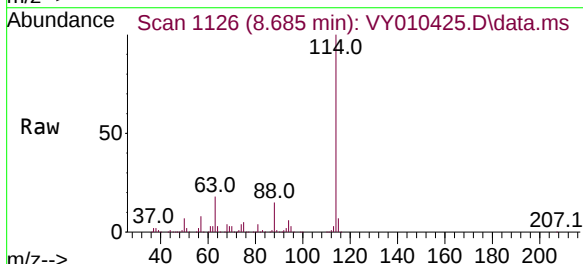
Tgt Ion: 114 Resp: 381740

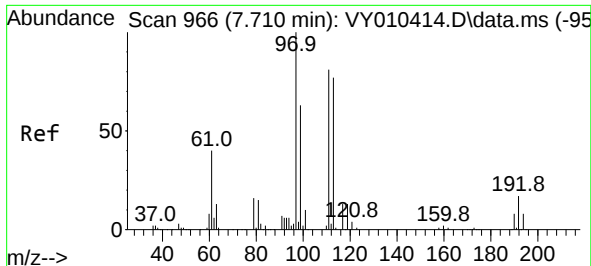
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.6 0.0 31.8

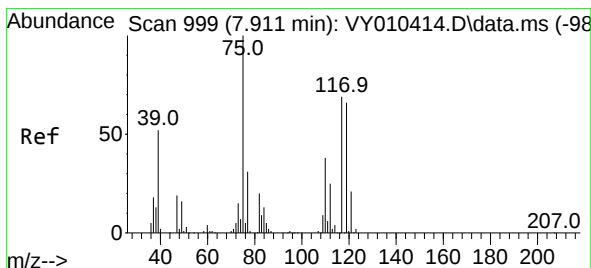
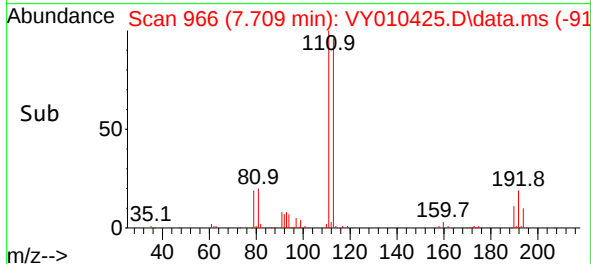
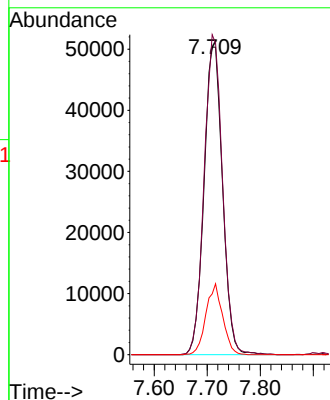
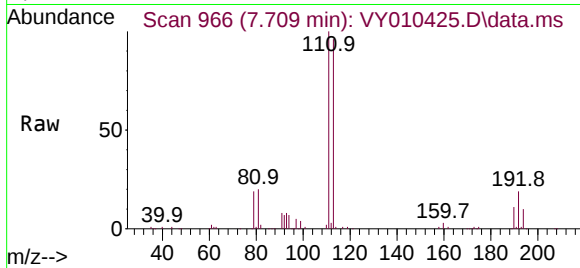




#35
Dibromofluoromethane
Concen: 45.357 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

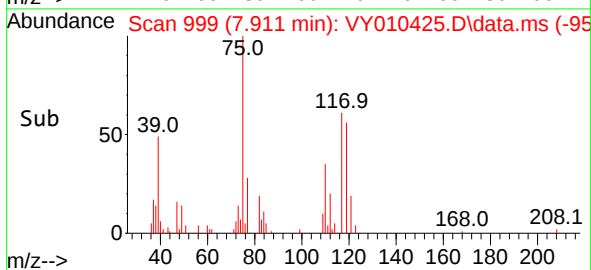
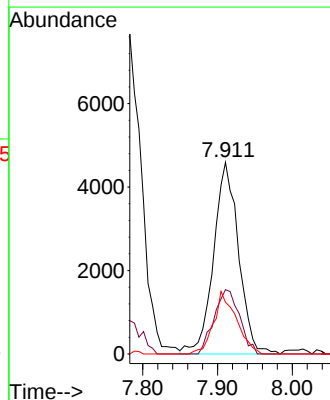
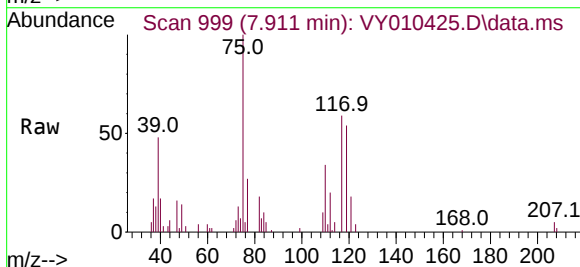
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

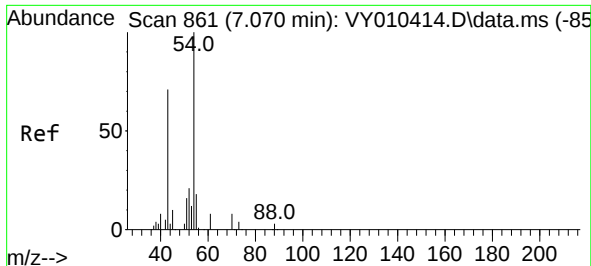
Tgt Ion:113 Resp: 122969
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 2.877 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 75 Resp: 10678
Ion Ratio Lower Upper
75 100
110 34.0 17.1 51.2
77 29.6 24.4 36.6





#37

Ethyl Acetate

Concen: 2.548 ug/l

RT: 7.069 min Scan# 80

Delta R.T. -0.001 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

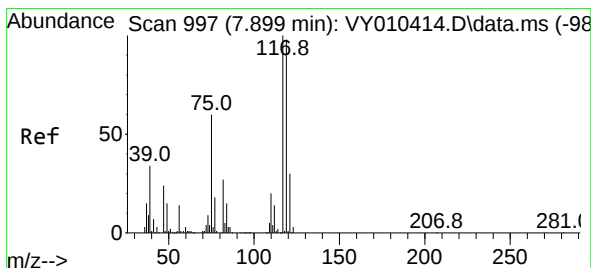
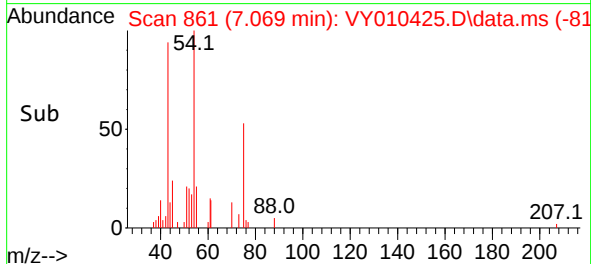
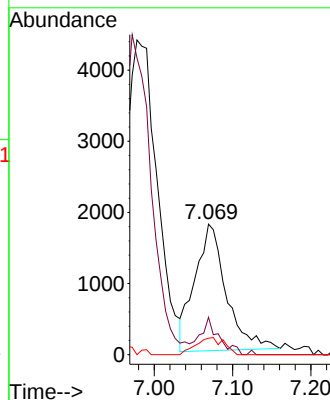
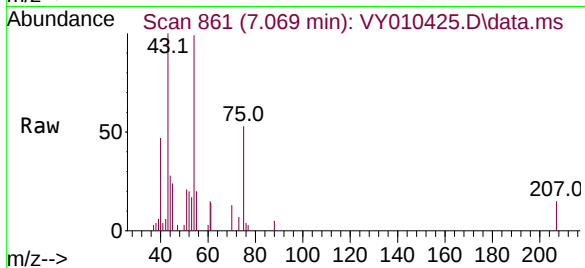
Tgt Ion: 43 Resp: 4971

Ion Ratio Lower Upper

43 100

61 17.4 9.7 14.5#

70 12.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 2.631 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.001 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

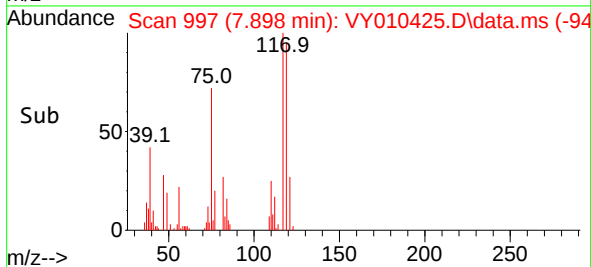
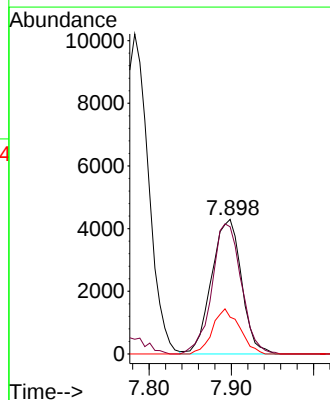
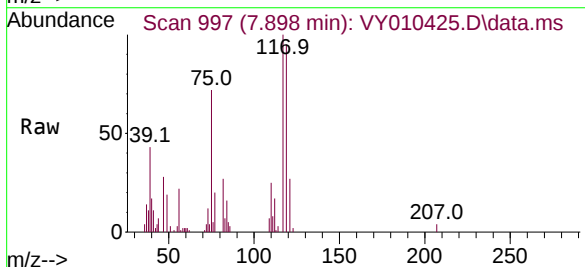
Tgt Ion: 117 Resp: 10865

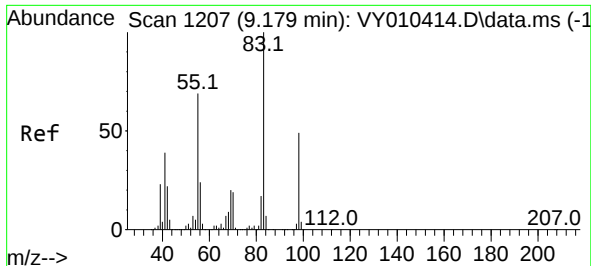
Ion Ratio Lower Upper

117 100

119 94.5 77.9 116.9

121 27.4 24.8 37.2





#39

Methylcyclohexane

Concen: 2.664 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

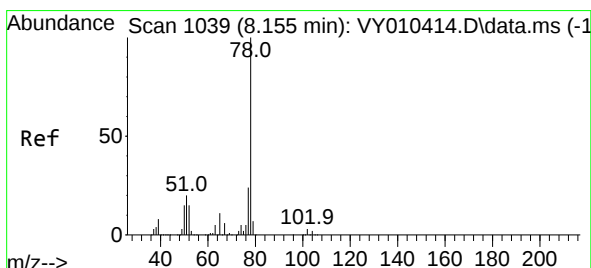
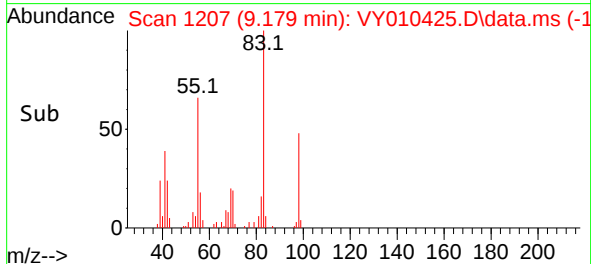
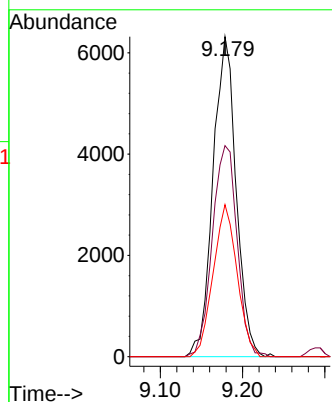
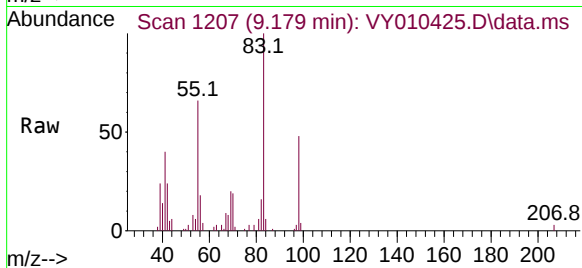
Tgt Ion: 83 Resp: 12331

Ion Ratio Lower Upper

83 100

55 65.9 66.5 99.7#

98 47.5 37.9 56.9



#40

Benzene

Concen: 2.636 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.001 min

Lab File: VY010425.D

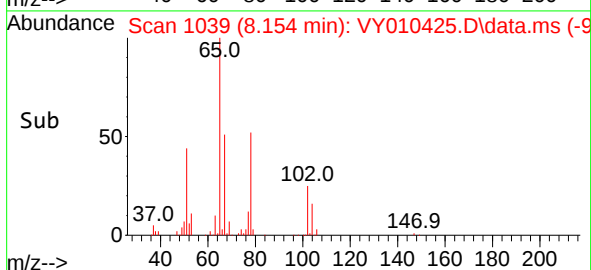
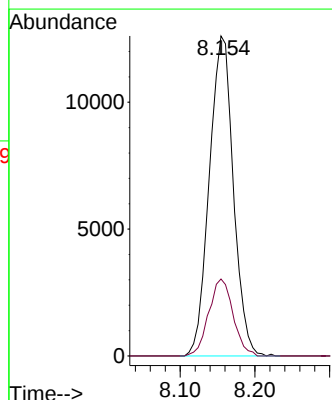
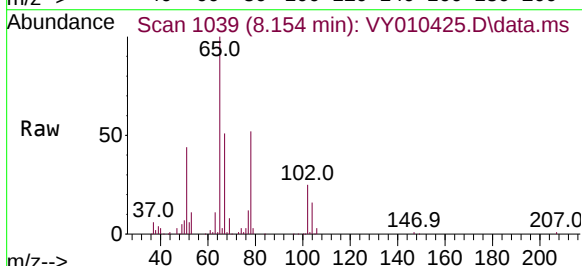
Acq: 09 Sep 2022 18:09

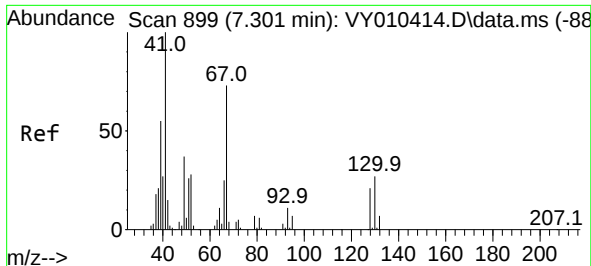
Tgt Ion: 78 Resp: 28161

Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6

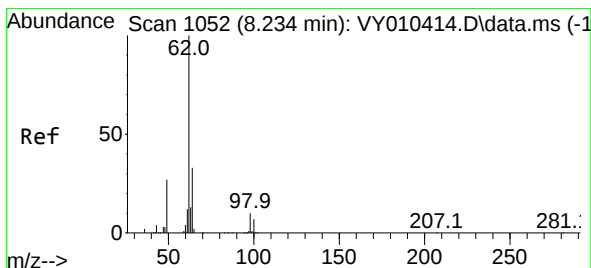
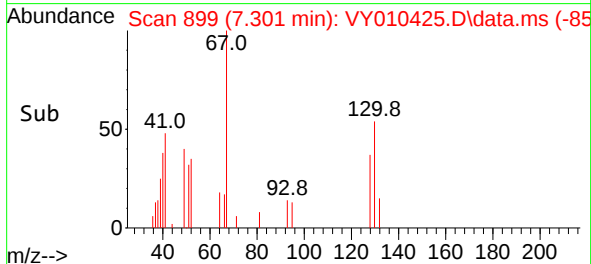
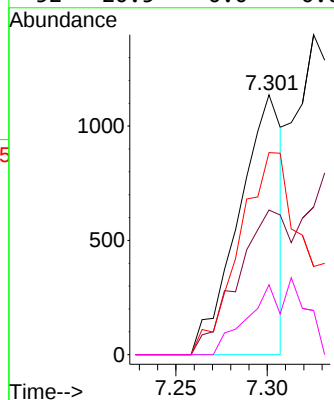
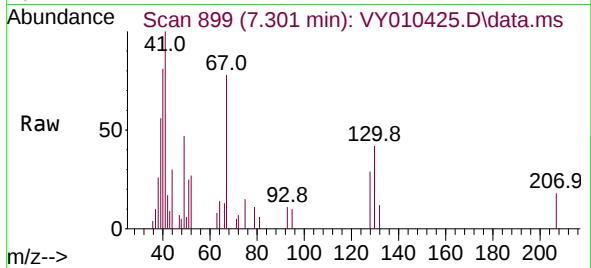




#41
Methacrylonitrile
Concen: 1.679 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

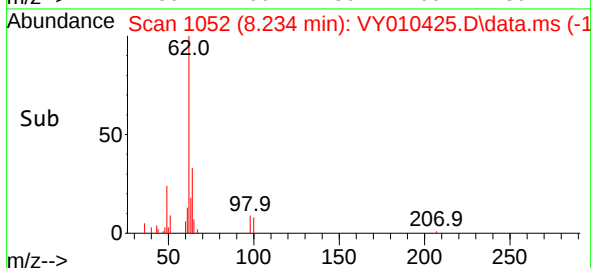
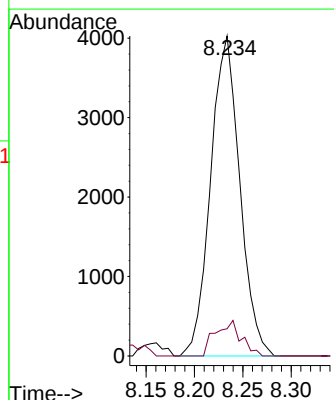
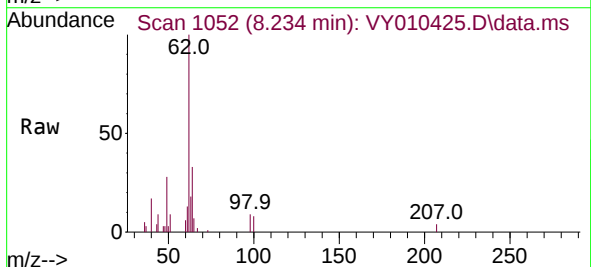
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

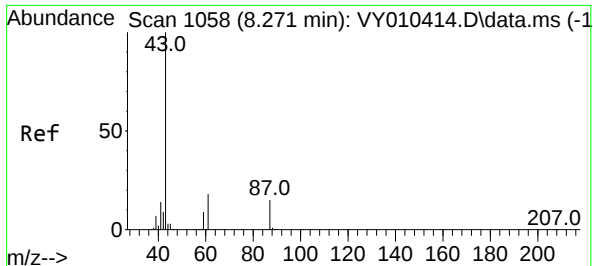
Tgt Ion: 41 Resp: 1873
Ion Ratio Lower Upper
41 100
39 68.0 92.9 139.3#
67 121.8 0.0 0.0#
52 20.5 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 2.661 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 62 Resp: 8454
Ion Ratio Lower Upper
62 100
98 9.7 0.0 14.8

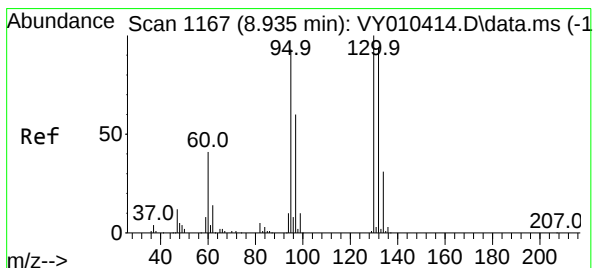
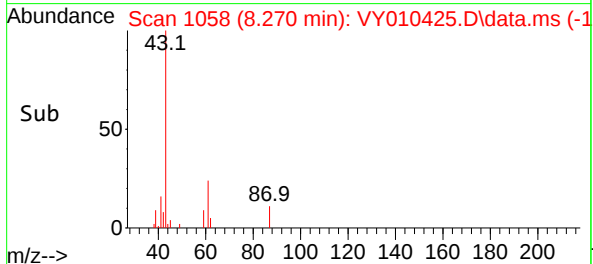
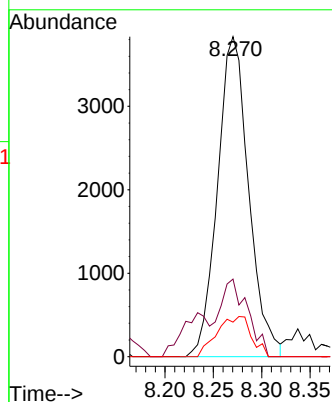
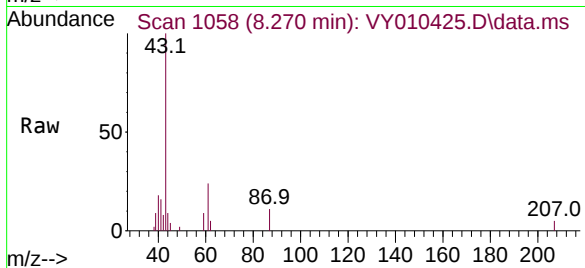




#43
Isopropyl Acetate
Concen: 2.405 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

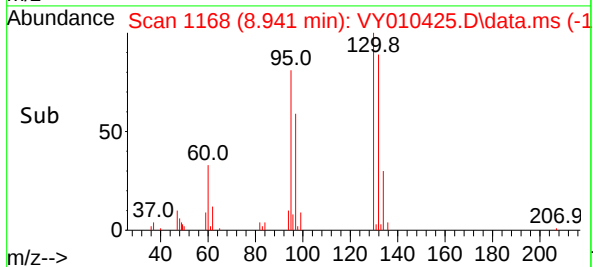
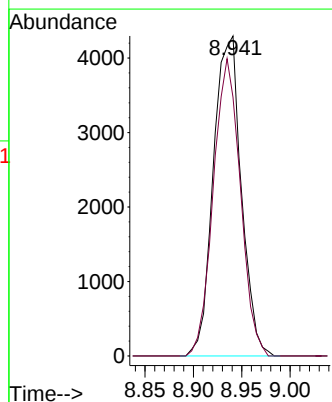
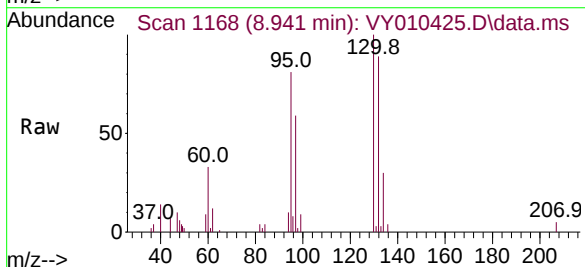
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2022

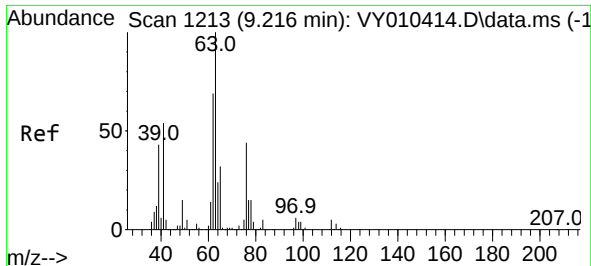
Tgt Ion: 43 Resp: 8588
Ion Ratio Lower Upper
43 100
61 21.8 20.2 30.2
87 13.8 8.9 13.3#



#44
Trichloroethene
Concen: 2.741 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion:130 Resp: 8621
Ion Ratio Lower Upper
130 100
95 80.8 0.0 188.2





#45

1,2-Dichloropropane

Concen: 2.613 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

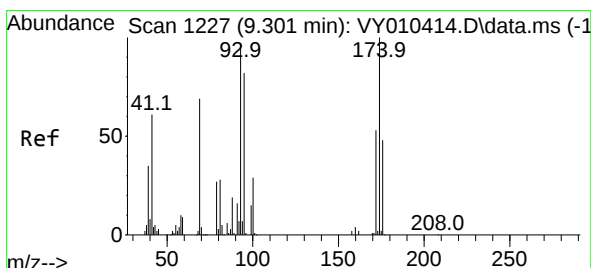
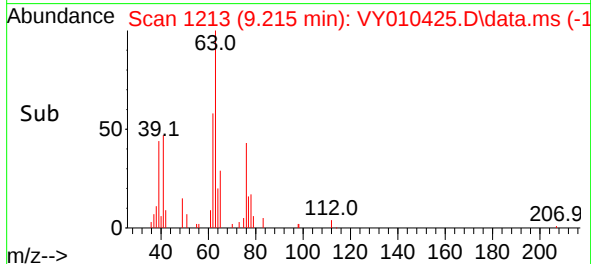
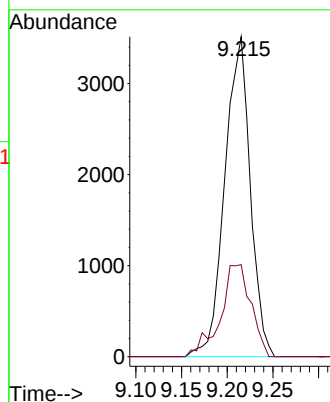
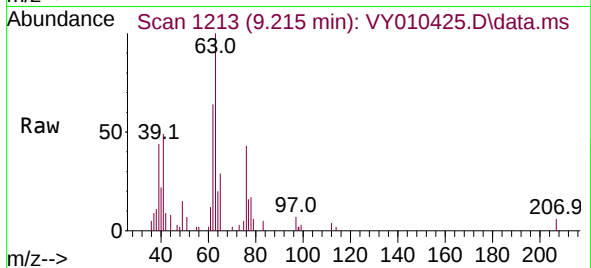
MDL-SOIL-03-QT3-2022

Tgt Ion: 63 Resp: 6809

Ion Ratio Lower Upper

63 100

65 28.7 23.0 34.6



#46

Dibromomethane

Concen: 2.545 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

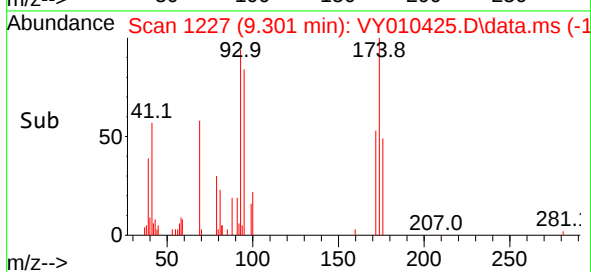
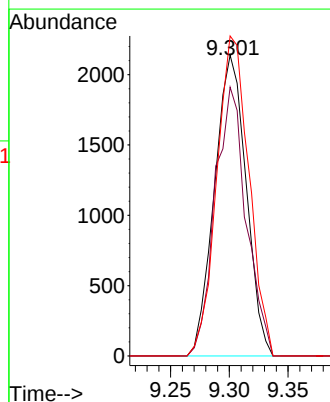
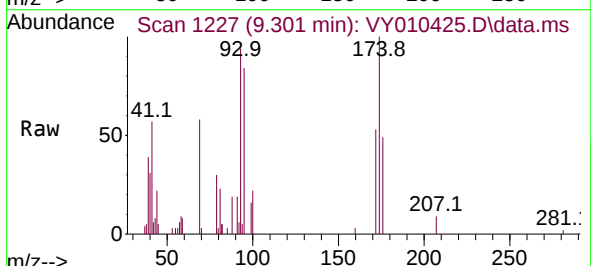
Tgt Ion: 93 Resp: 4000

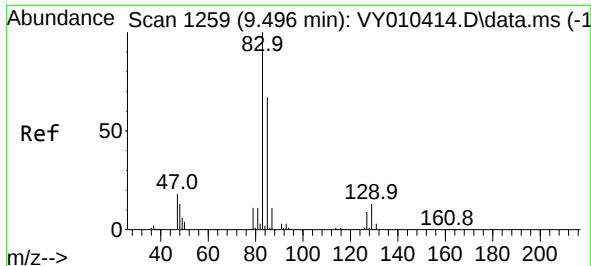
Ion Ratio Lower Upper

93 100

95 88.6 64.3 96.5

174 108.2 83.4 125.0





#47

Bromodichloromethane

Concen: 2.480 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

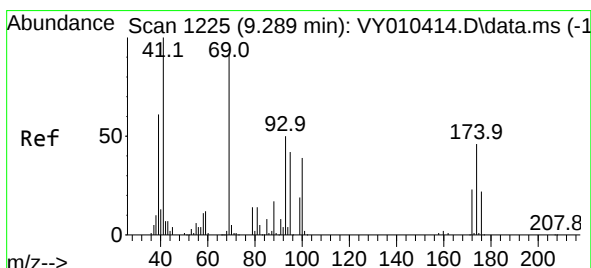
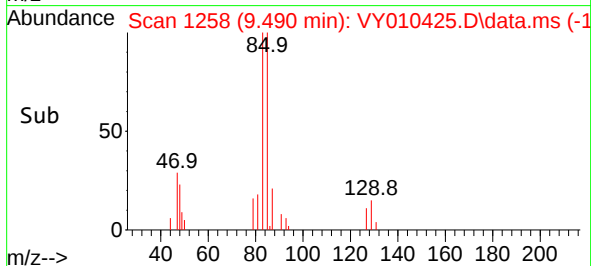
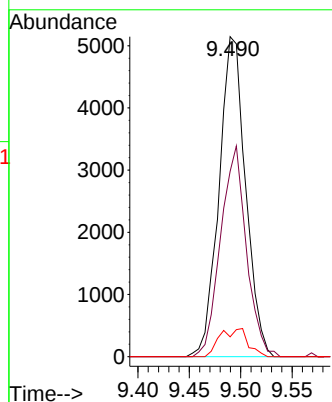
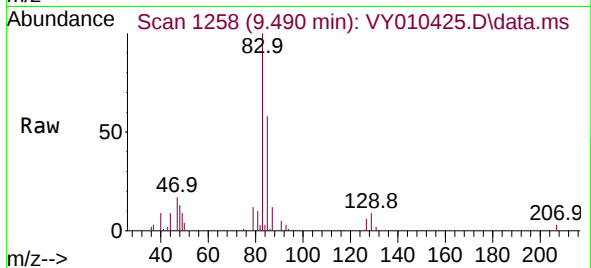
Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion:	83	Resp:	9255
Ion	Ratio	Lower	Upper
83	100		
85	57.9	51.9	77.9
127	6.2	6.6	10.0#



#48

Methyl methacrylate

Concen: 2.498 ug/l

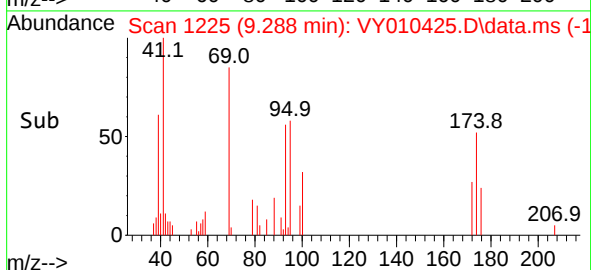
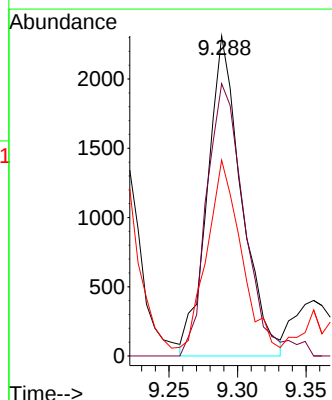
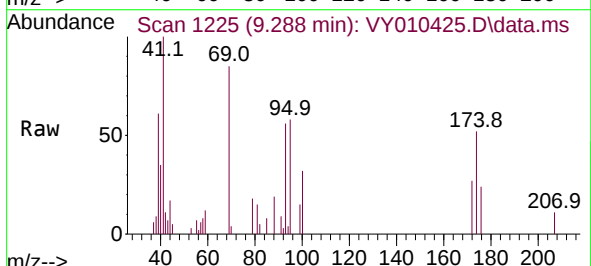
RT: 9.288 min Scan# 1225

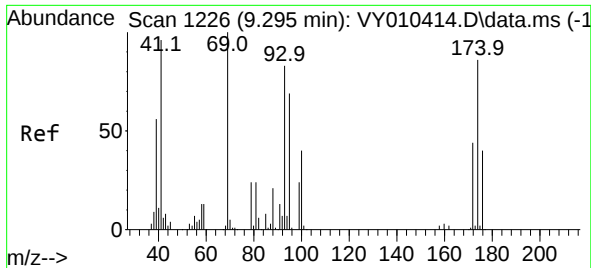
Delta R.T. -0.001 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Tgt Ion:	41	Resp:	4006
Ion	Ratio	Lower	Upper
41	100		
69	94.7	58.2	87.2#
39	58.7	47.4	71.0

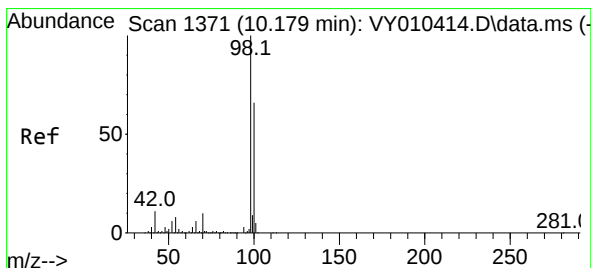
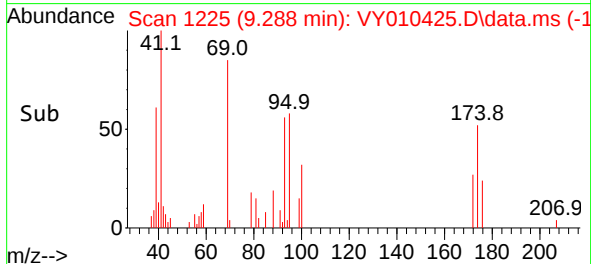
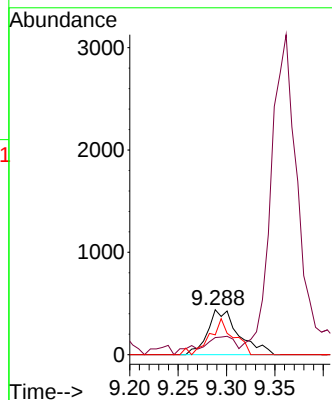
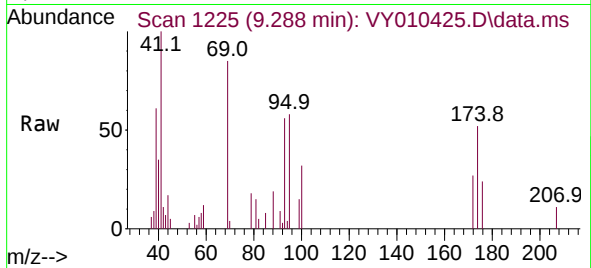




#49
1,4-Dioxane
Concen: 47.112 ug/l
RT: 9.288 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

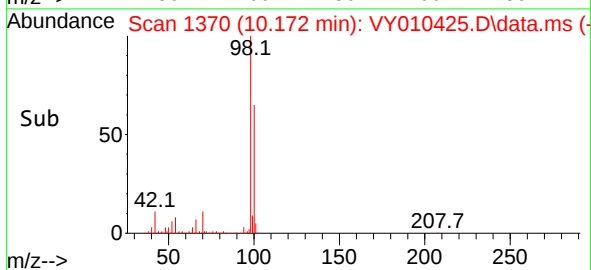
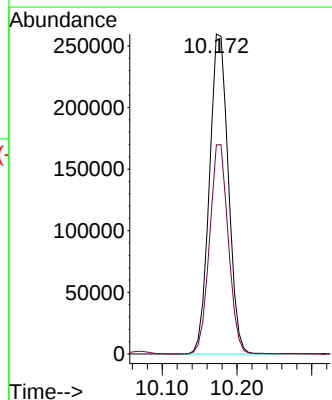
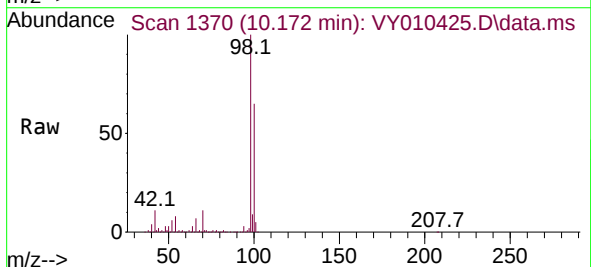
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

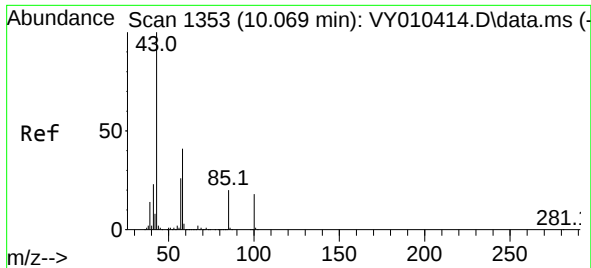
Tgt Ion: 88 Resp: 980
Ion Ratio Lower Upper
88 100
43 44.4 32.8 49.2
58 61.1 59.8 89.6



#50
Toluene-d8
Concen: 51.841 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 98 Resp: 455510
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

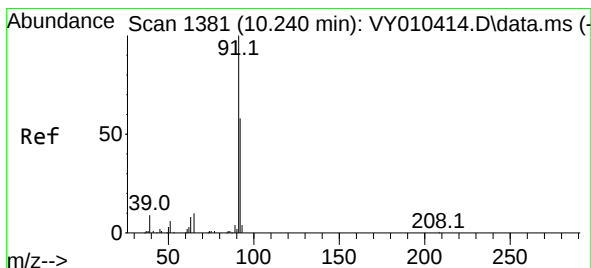
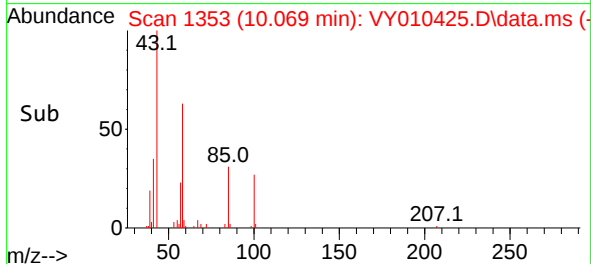
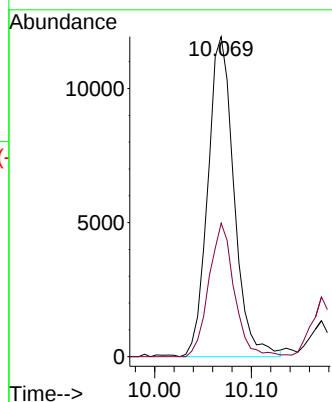
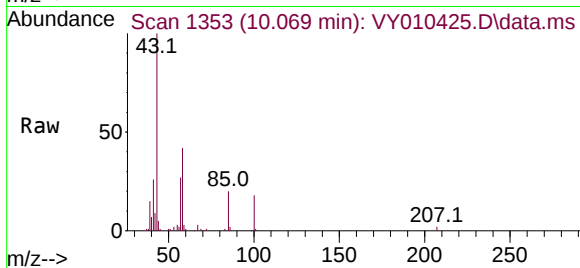




#51
4-Methyl-2-Pentanone
Concen: 11.458 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

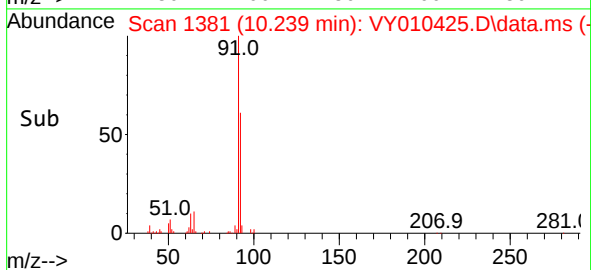
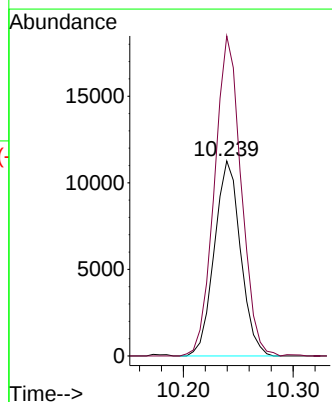
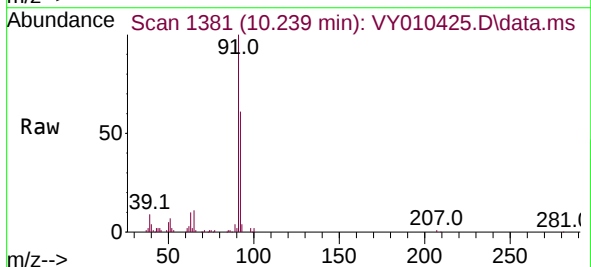
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

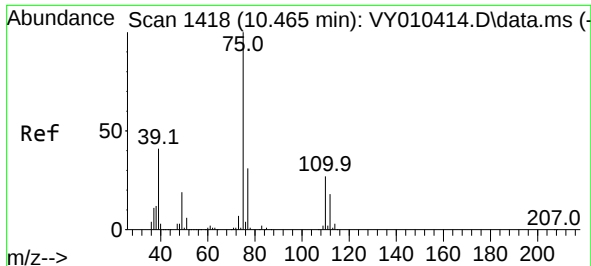
Tgt Ion: 43 Resp: 22442
Ion Ratio Lower Upper
43 100
58 40.6 28.1 42.1



#52
Toluene
Concen: 2.677 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.001 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 92 Resp: 18719
Ion Ratio Lower Upper
92 100
91 167.4 142.6 213.8

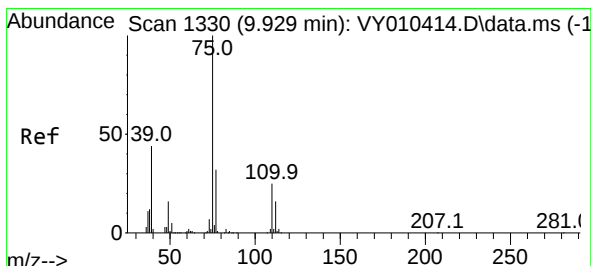
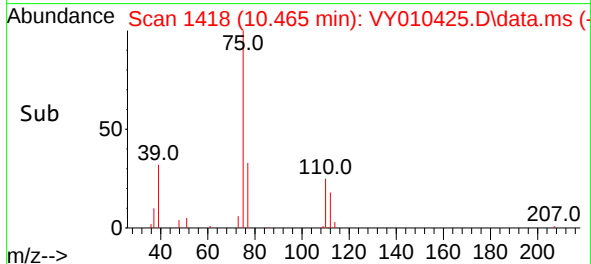
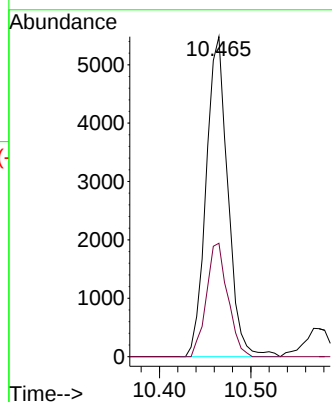
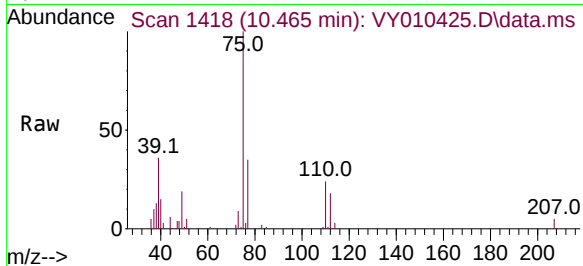




#53
 t-1,3-Dichloropropene
 Concen: 2.350 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY010425.D
 Acq: 09 Sep 2022 18:09

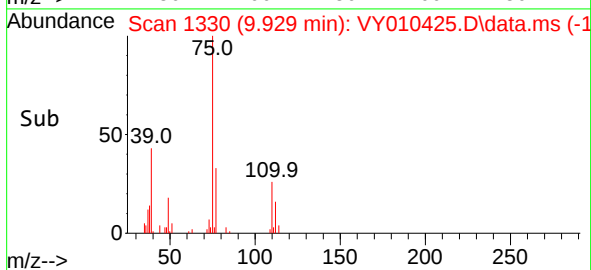
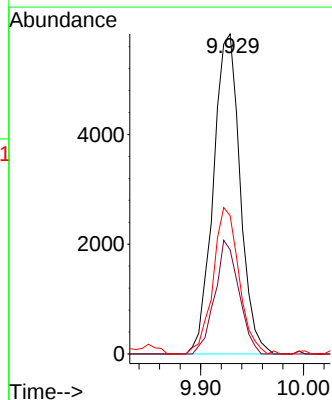
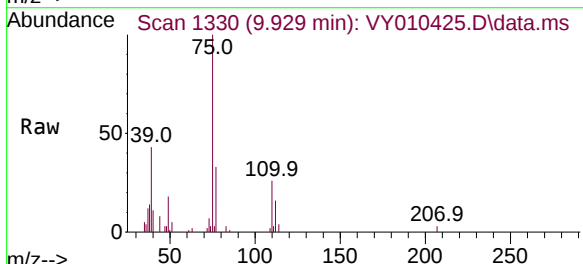
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

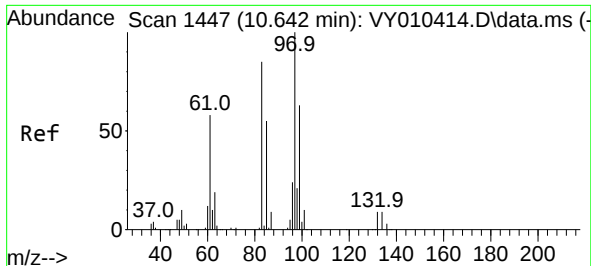
Tgt Ion: 75 Resp: 9028
 Ion Ratio Lower Upper
 75 100
 77 35.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 2.432 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY010425.D
 Acq: 09 Sep 2022 18:09

Tgt Ion: 75 Resp: 10535
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.6 38.4
 39 43.2 47.6 71.4#

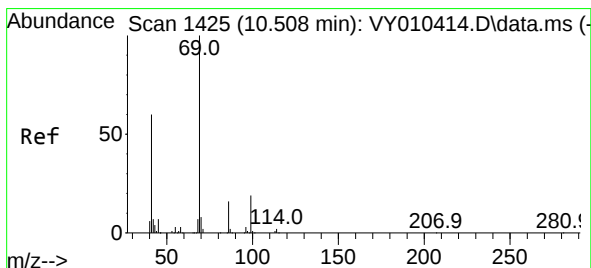
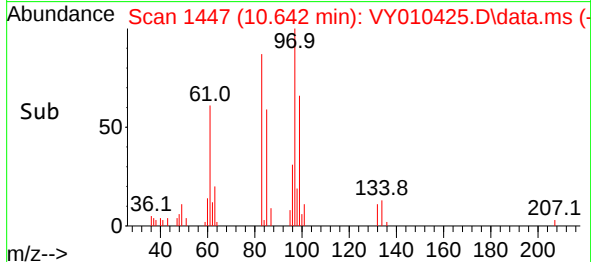
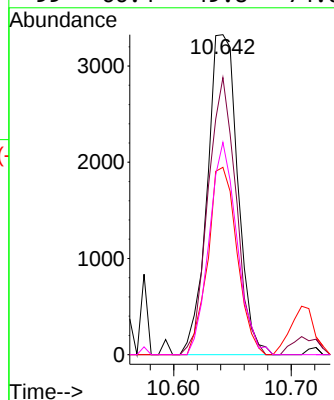
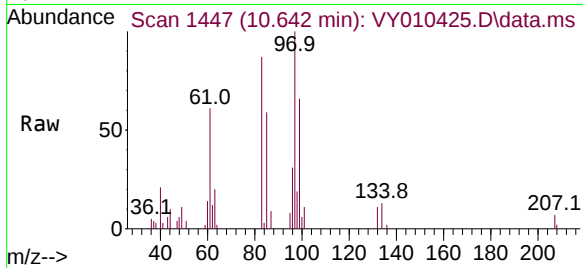




#55
1,1,2-Trichloroethane
Concen: 2.685 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

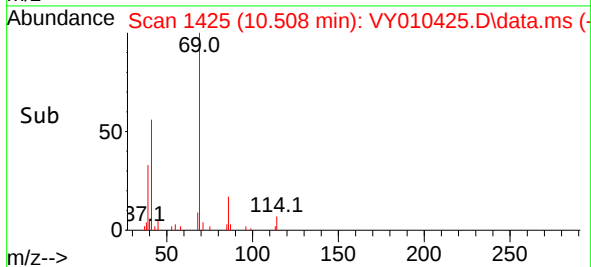
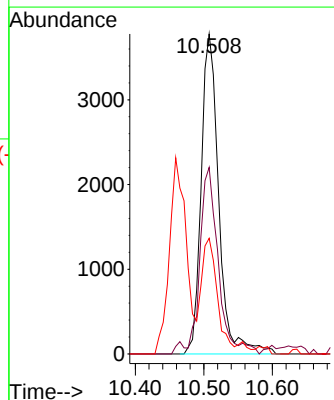
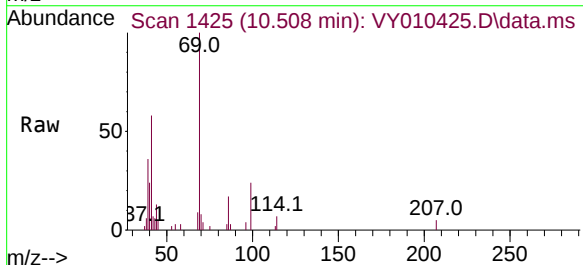
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2022

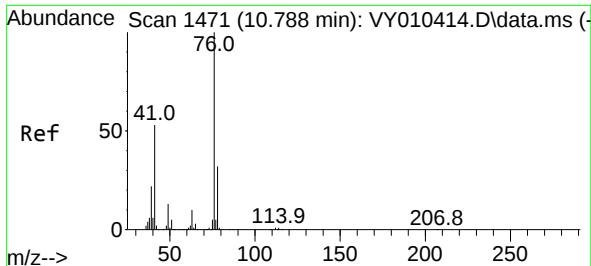
Tgt Ion: 97	Resp: 6002
Ion Ratio	Lower Upper
97 100	
83 86.6	69.8 104.8
85 58.5	44.3 66.5
99 66.4	49.8 74.6



#56
Ethyl methacrylate
Concen: 2.302 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 69	Resp: 6758
Ion Ratio	Lower Upper
69 100	
41 61.7	63.4 95.0#
39 29.0	35.8 53.8#





#57

1,3-Dichloropropane

Concen: 2.551 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

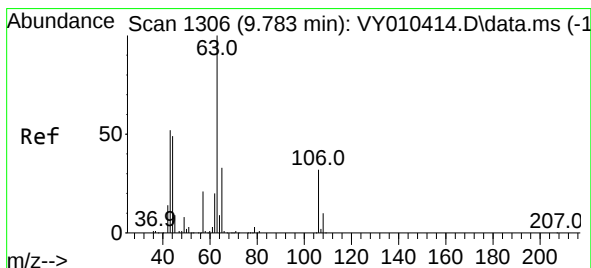
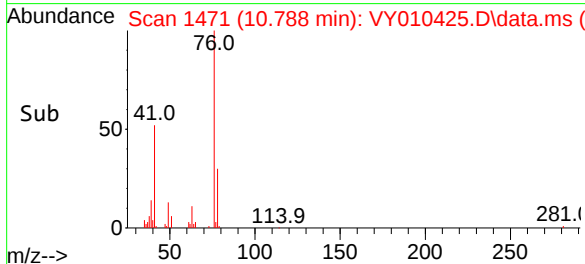
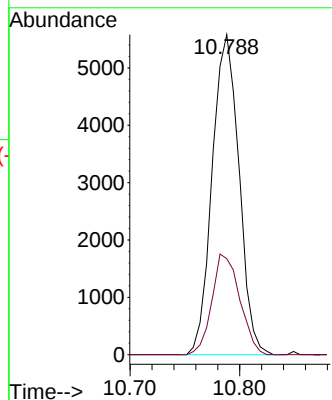
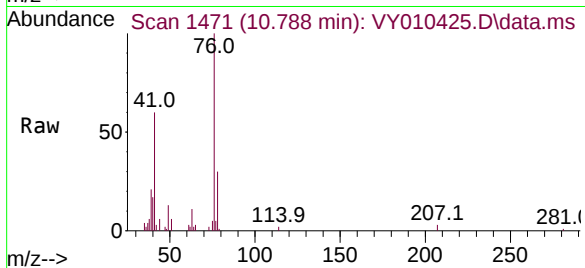
MDL-SOIL-03-QT3-2022

Tgt Ion: 76 Resp: 9480

Ion Ratio Lower Upper

76 100

78 32.6 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 17.086 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY010425.D

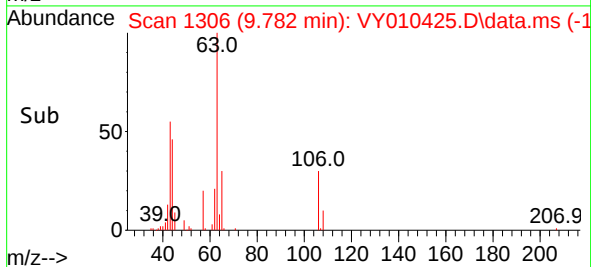
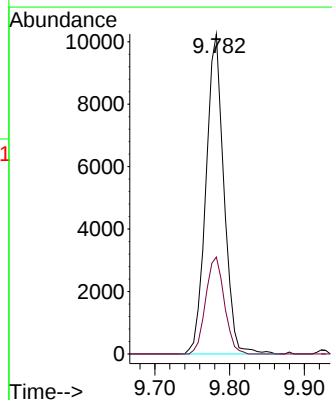
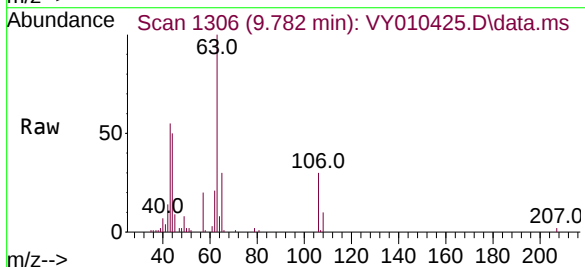
Acq: 09 Sep 2022 18:09

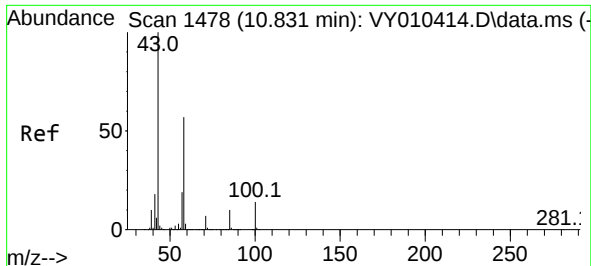
Tgt Ion: 63 Resp: 17063

Ion Ratio Lower Upper

63 100

106 31.5 21.5 32.3

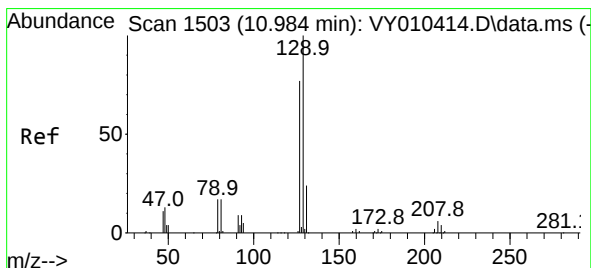
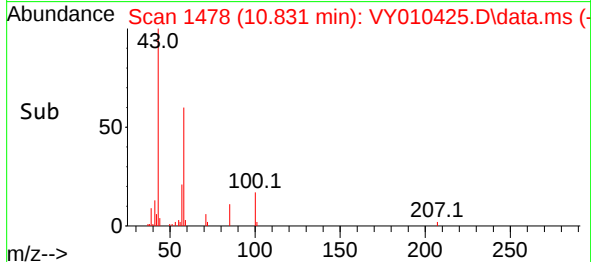
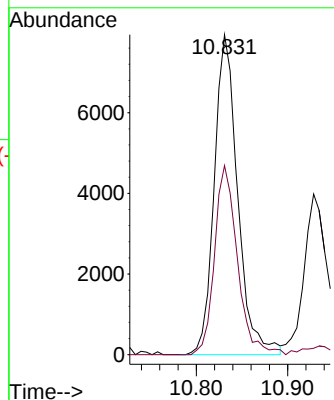
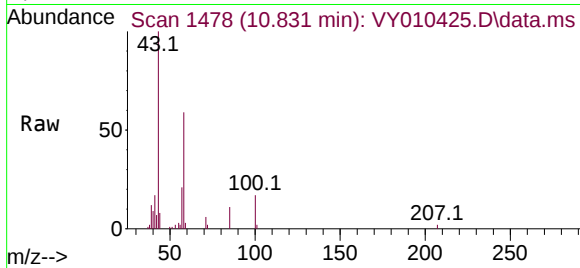




#59
2-Hexanone
Concen: 10.584 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

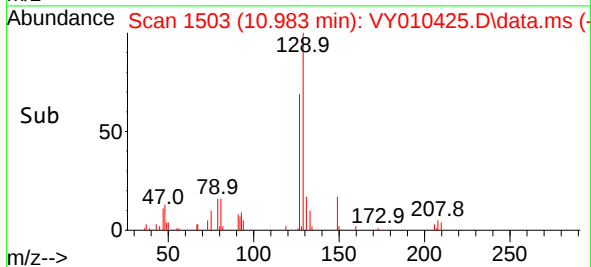
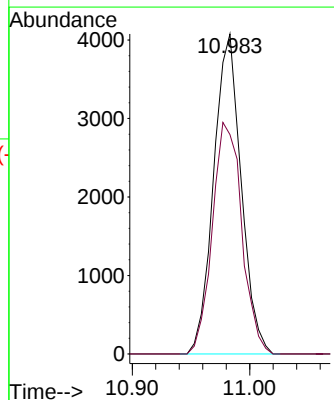
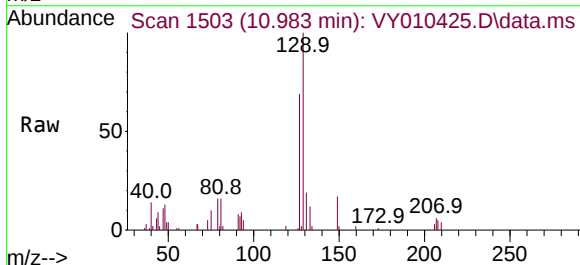
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

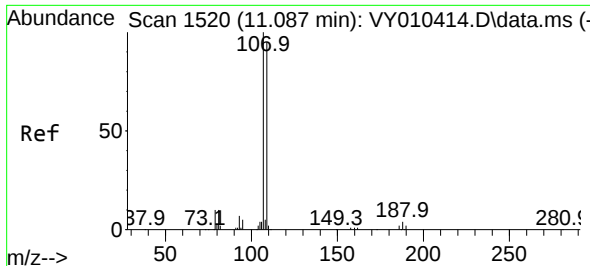
Tgt Ion: 43 Resp: 14131
Ion Ratio Lower Upper
43 100
58 57.6 24.4 73.4



#60
Dibromochloromethane
Concen: 2.427 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 129 Resp: 6629
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

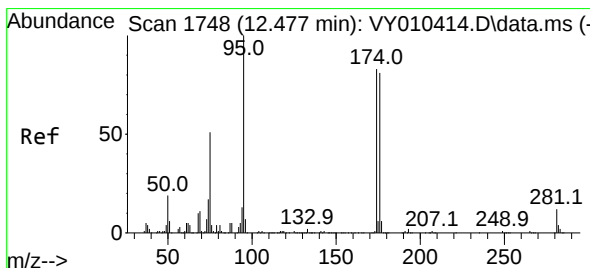
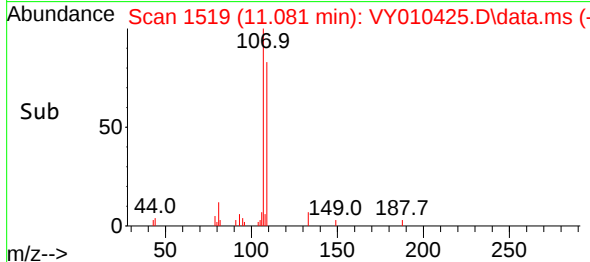
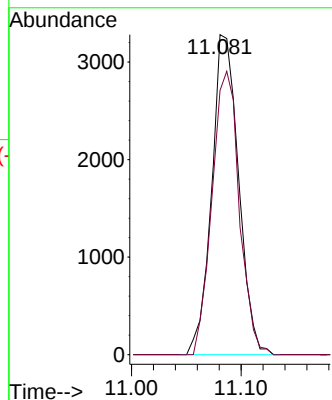
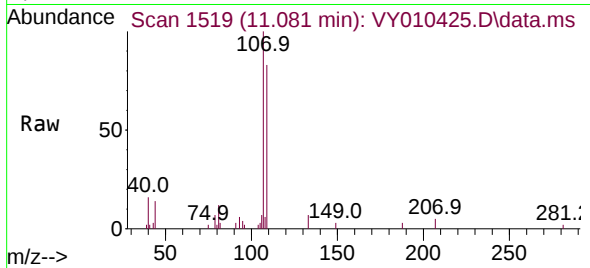




#61
1,2-Dibromoethane
Concen: 2.580 ug/l
RT: 11.081 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

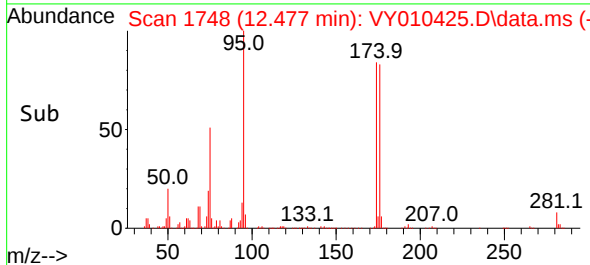
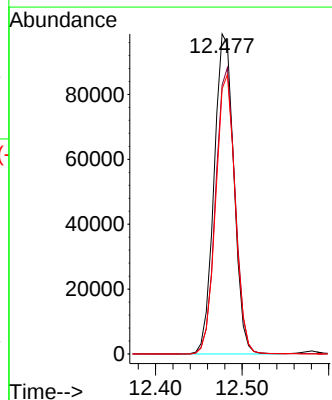
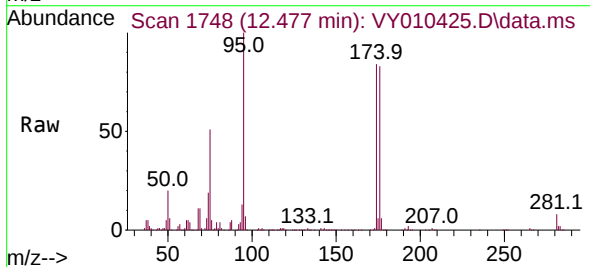
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

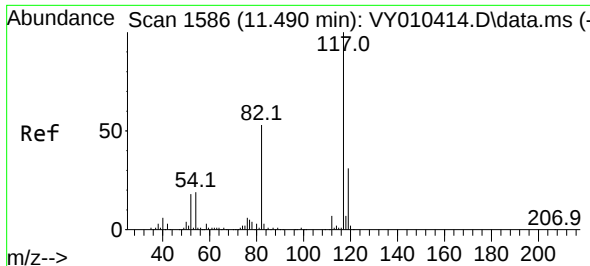
Tgt Ion:107 Resp: 5599
Ion Ratio Lower Upper
107 100
109 89.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 38.832 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 95 Resp: 156574
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 85.7 0.0 175.8

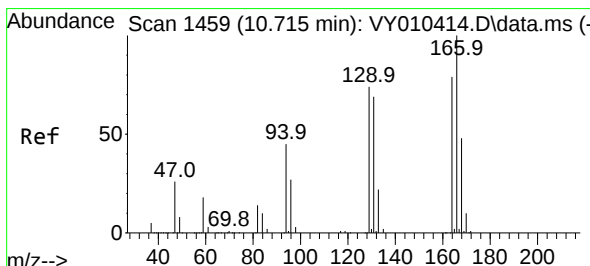
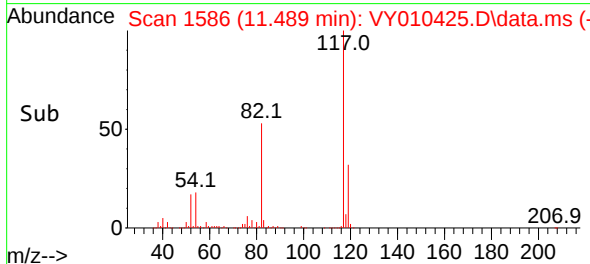
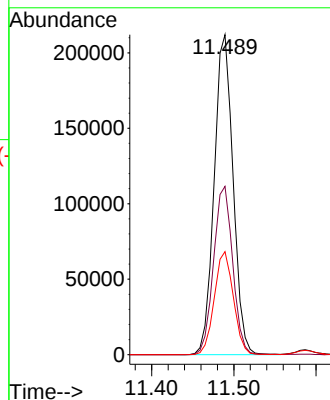
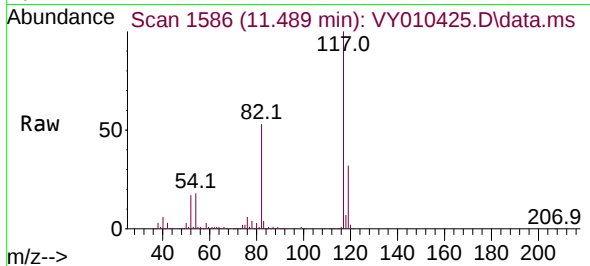




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

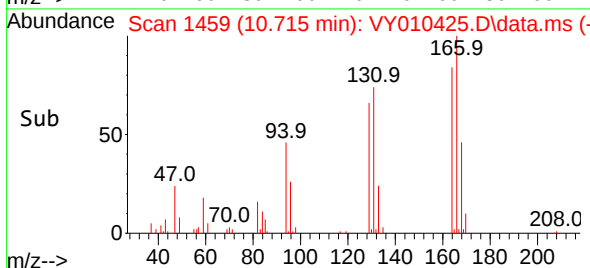
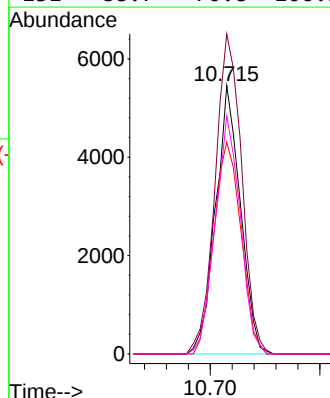
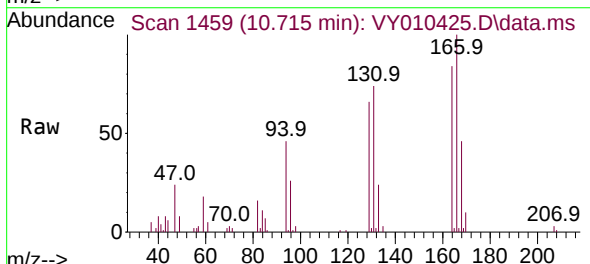
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

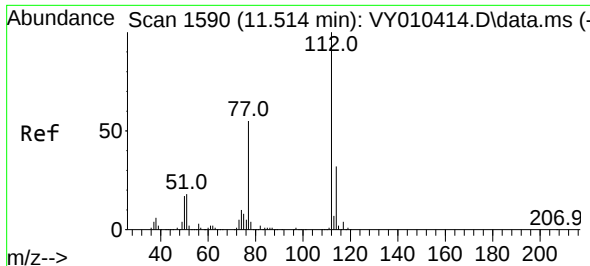
Tgt Ion:	117	Resp:	338569
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.0	64.4
119	32.2	25.4	38.0



#64
Tetrachloroethene
Concen: 2.829 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion:	164	Resp:	8633
Ion	Ratio	Lower	Upper
164	100		
166	119.3	100.4	150.6
129	78.9	71.4	107.0
131	88.7	70.8	106.2

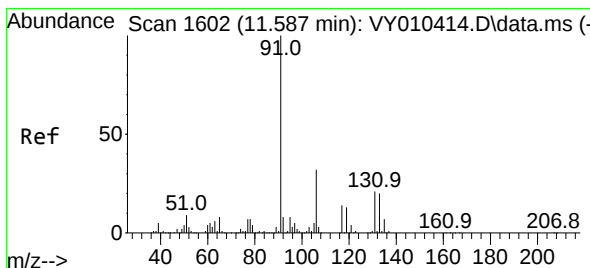
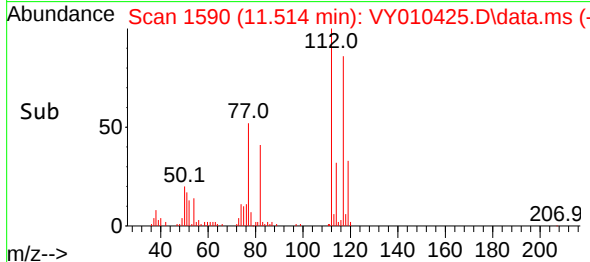
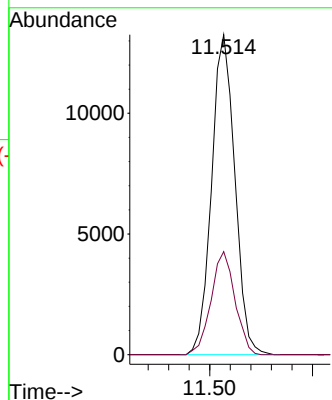
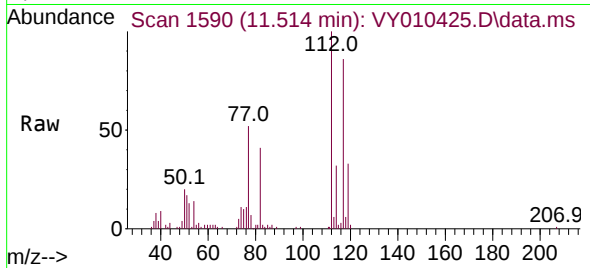




#65
Chlorobenzene
Concen: 2.751 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

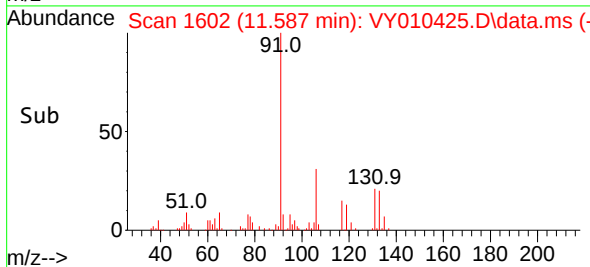
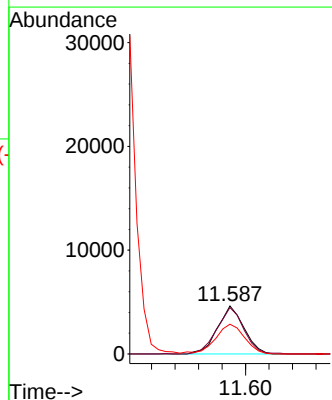
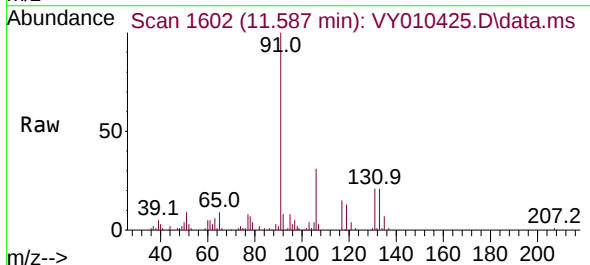
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

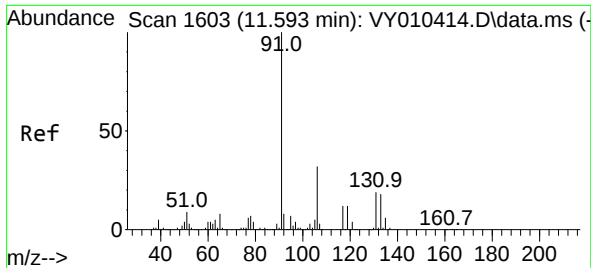
Tgt Ion:112 Resp: 20826
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.584 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion:131 Resp: 7245
Ion Ratio Lower Upper
131 100
133 98.0 47.9 143.6
119 67.9 30.8 92.3

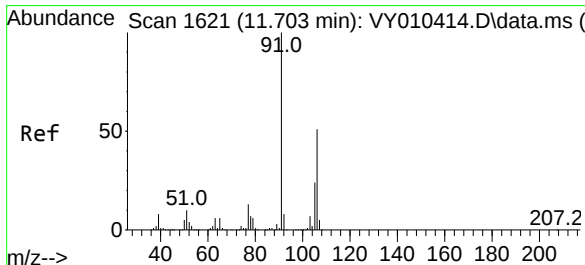
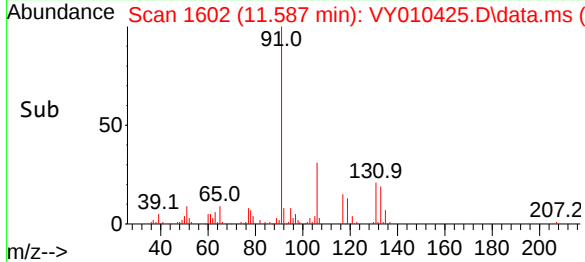
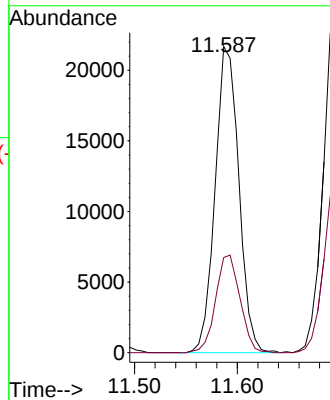
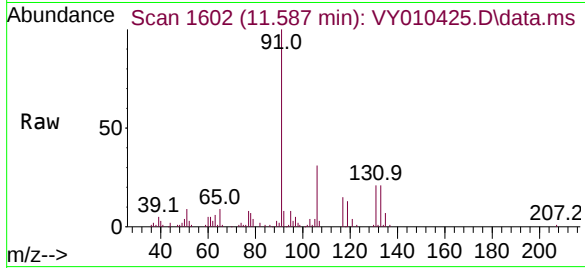




#67
Ethyl Benzene
Concen: 2.591 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

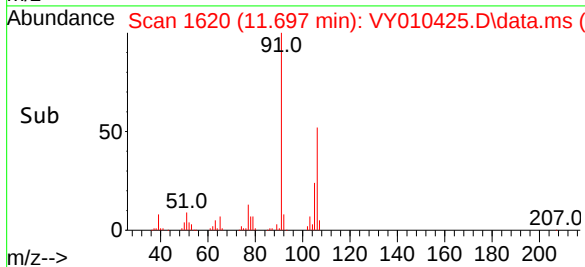
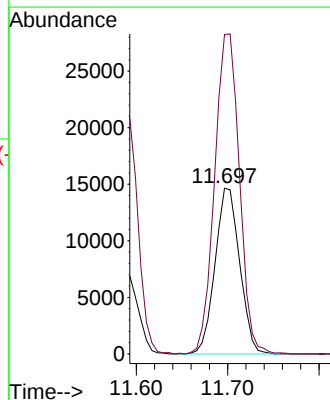
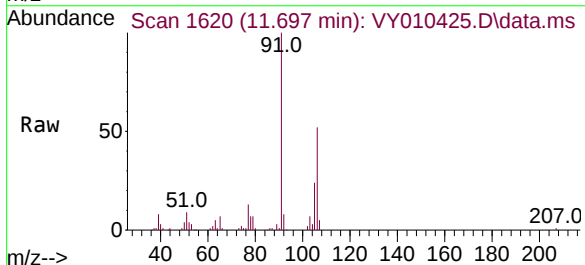
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

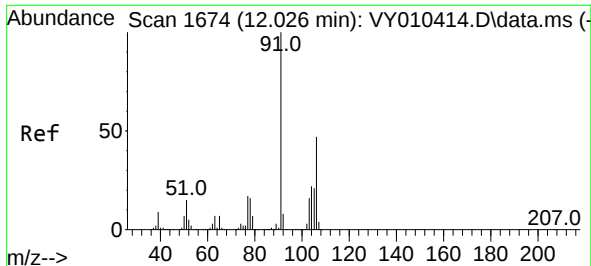
Tgt Ion: 91 Resp: 34723
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 5.199 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 106 Resp: 27353
Ion Ratio Lower Upper
106 100
91 195.3 166.6 249.8

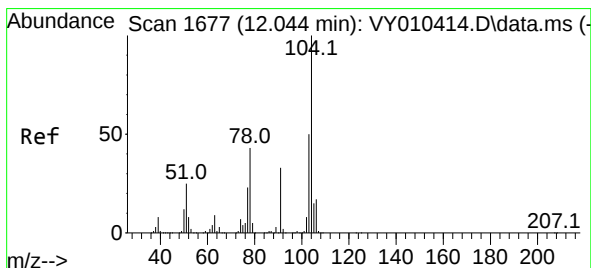
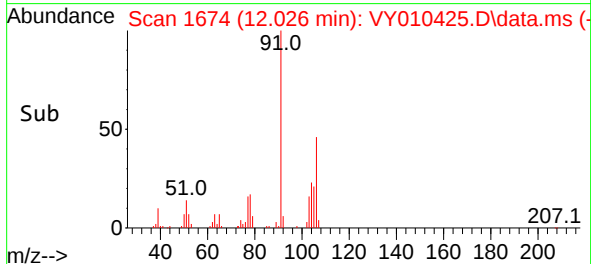
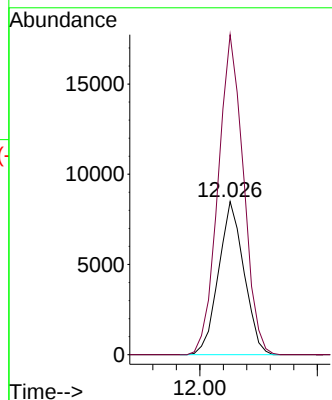
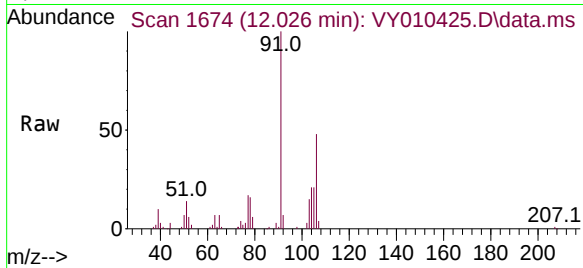




#69
o-Xylene
Concen: 2.539 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

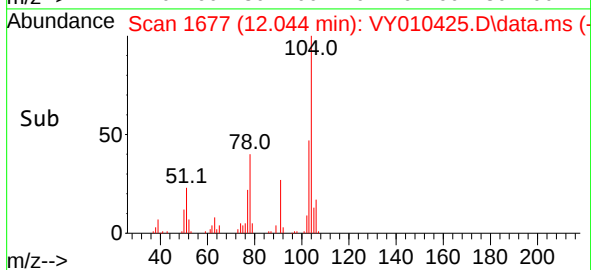
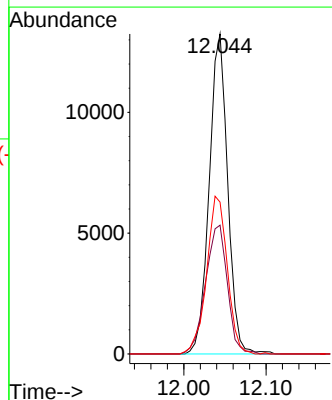
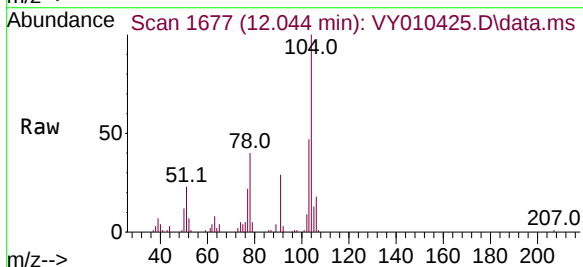
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2022

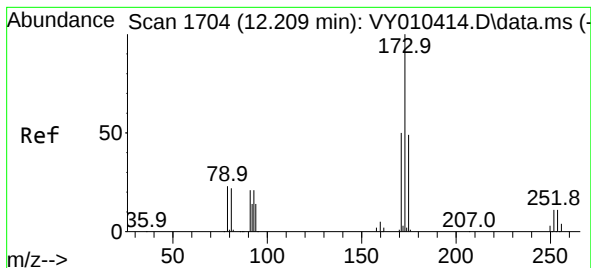
Tgt Ion:106 Resp: 12755
Ion Ratio Lower Upper
106 100
91 209.0 110.3 331.0



#70
Styrene
Concen: 2.432 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion:104 Resp: 20680
Ion Ratio Lower Upper
104 100
78 47.5 42.4 63.6
103 55.1 44.4 66.6





#71

Bromoform

Concen: 2.384 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

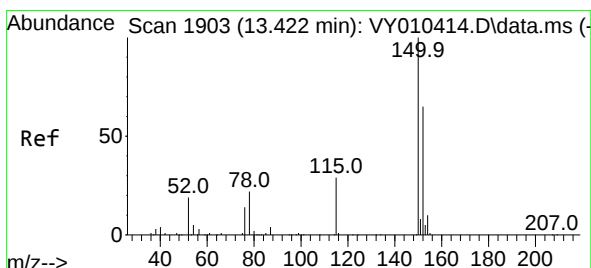
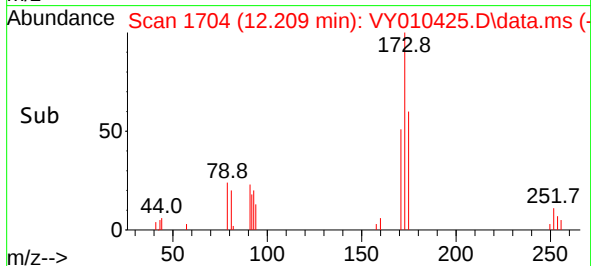
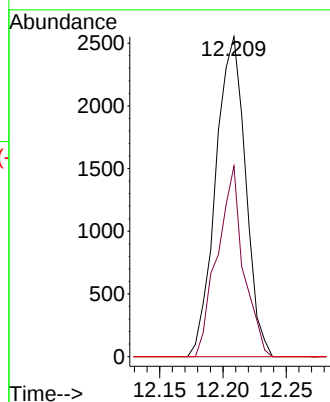
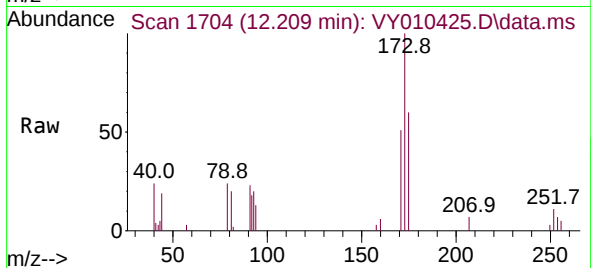
Tgt Ion:173 Resp: 4179

Ion Ratio Lower Upper

173 100

175 52.2 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

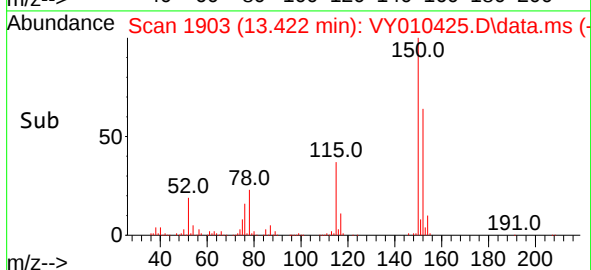
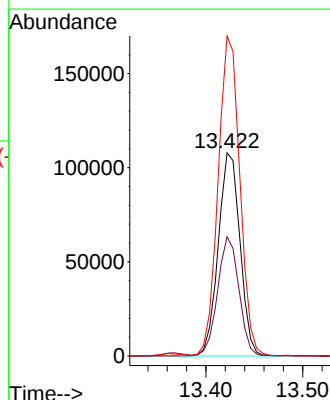
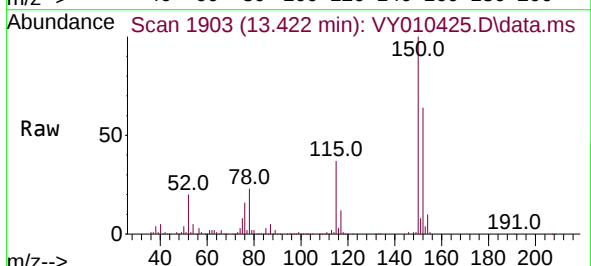
Tgt Ion:152 Resp: 167957

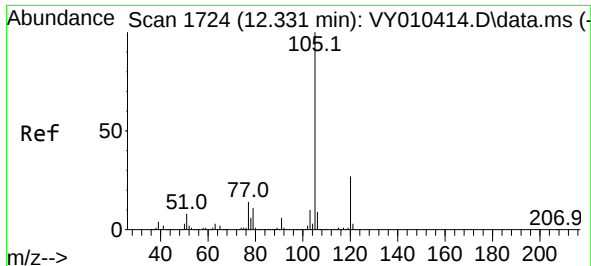
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 157.7 0.0 347.6

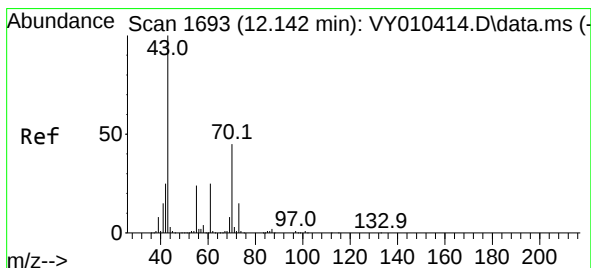
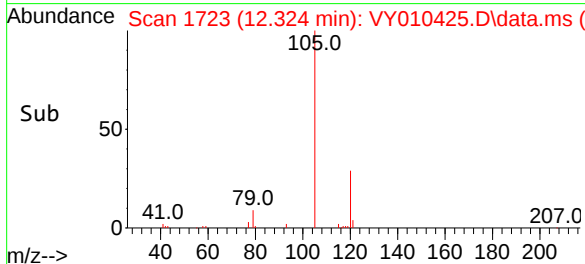
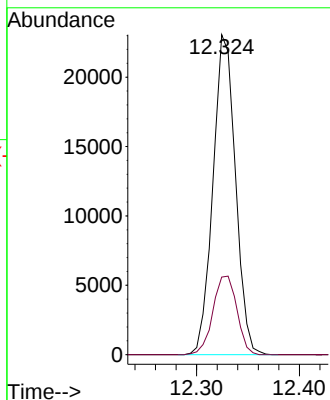
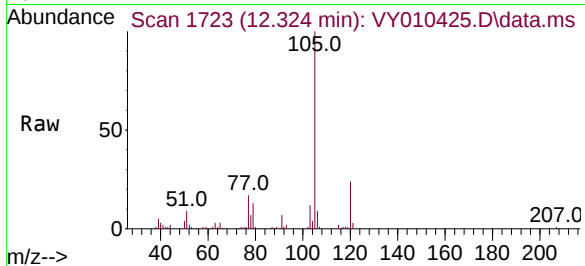




#73
Isopropylbenzene
Concen: 2.674 ug/l
RT: 12.324 min Scan# 1723
Delta R.T. -0.007 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

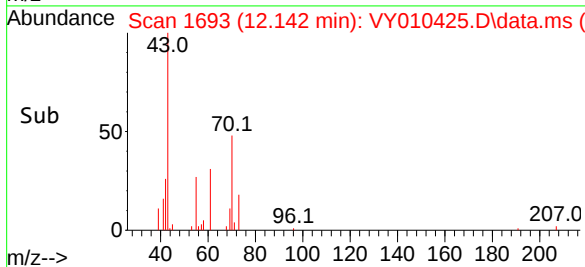
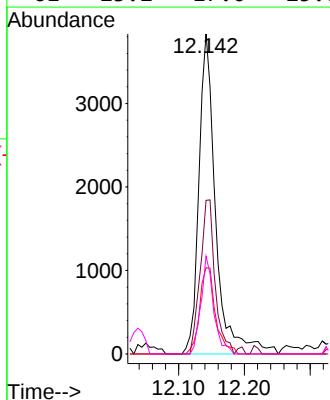
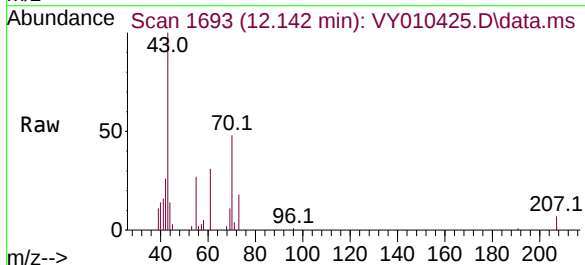
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

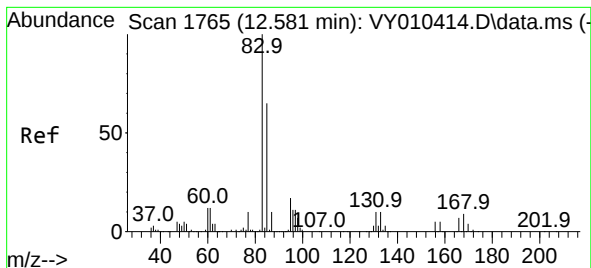
Tgt Ion:105 Resp: 35043
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2



#74
N-ethyl acetate
Concen: 2.225 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 43 Resp: 6804
Ion Ratio Lower Upper
43 100
70 43.5 28.7 43.1#
55 25.6 17.3 25.9
61 23.2 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 2.765 ug/l

RT: 12.574 min Scan# 1764

Delta R.T. -0.007 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

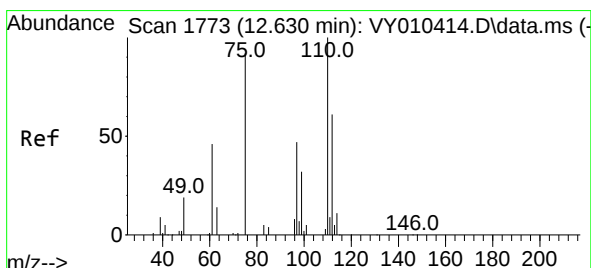
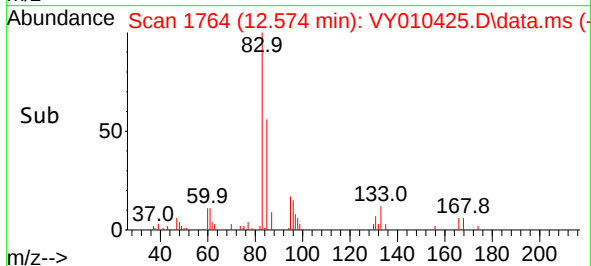
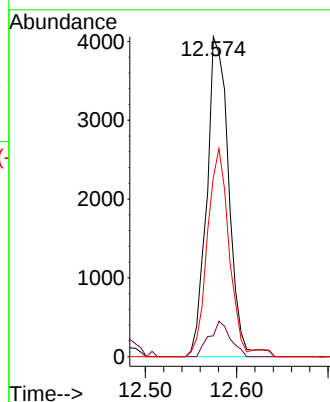
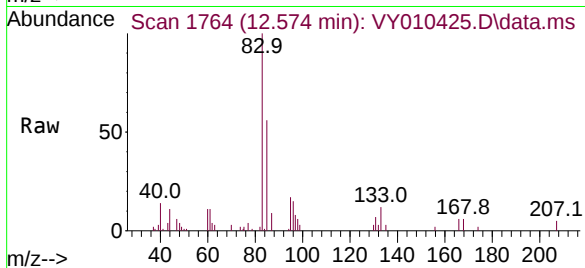
Tgt Ion: 83 Resp: 6777

Ion Ratio Lower Upper

83 100

131 10.6 5.6 16.8

85 63.7 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 4.608 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY010425.D

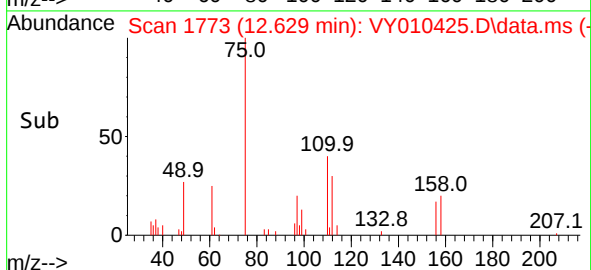
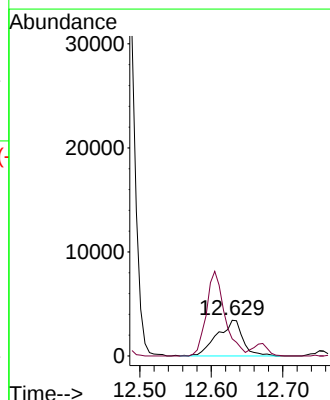
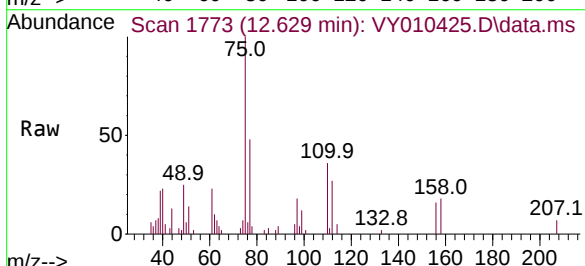
Acq: 09 Sep 2022 18:09

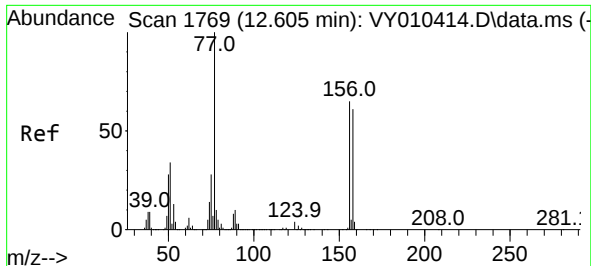
Tgt Ion: 75 Resp: 8541

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

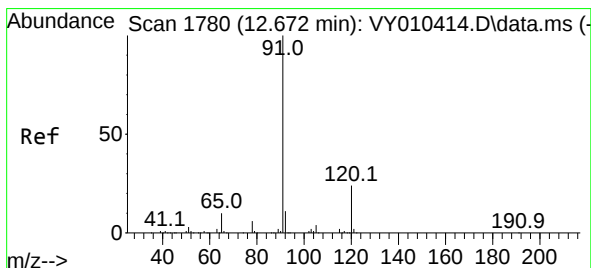
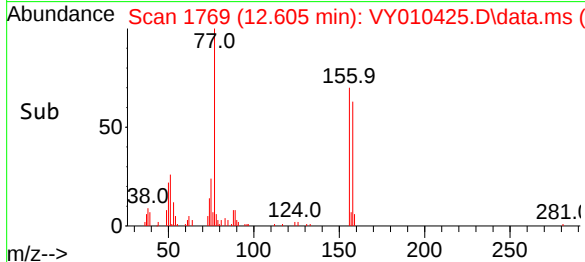
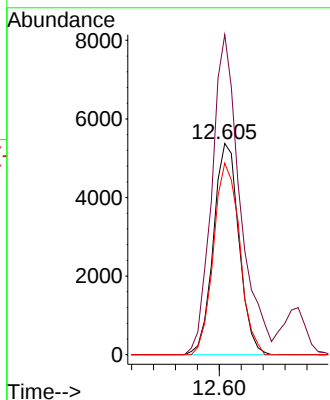
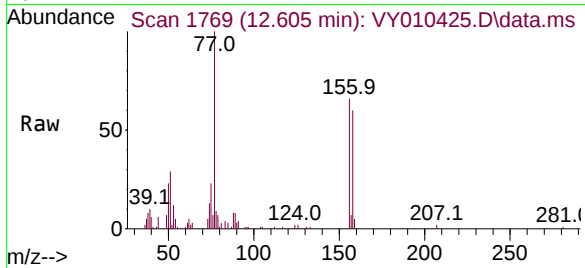




#77
Bromobenzene
Concen: 2.798 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

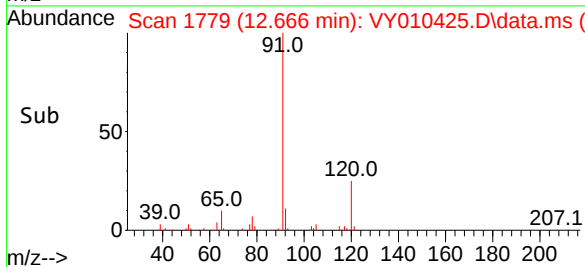
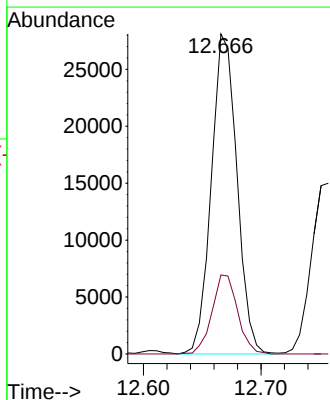
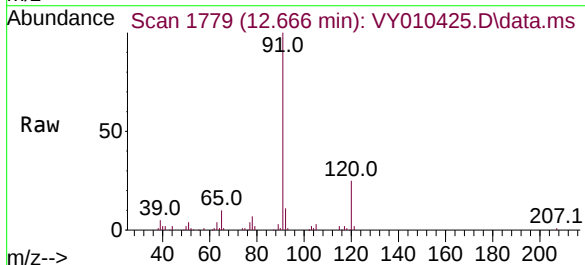
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

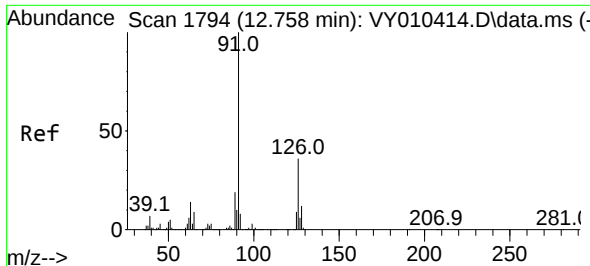
Tgt Ion	Ratio	Lower	Upper
156	100		
77	167.9	95.5	286.4
158	93.1	48.0	144.0



#78
n-propylbenzene
Concen: 2.748 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	11.3	33.9

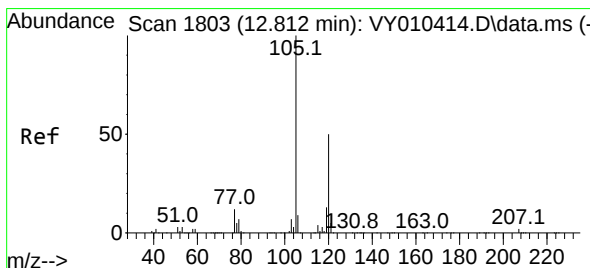
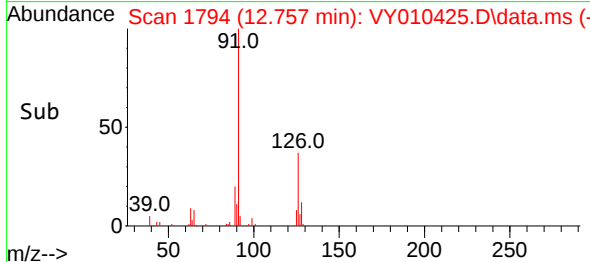
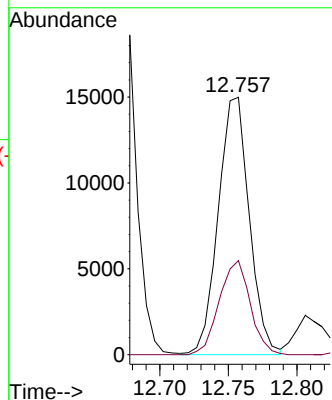
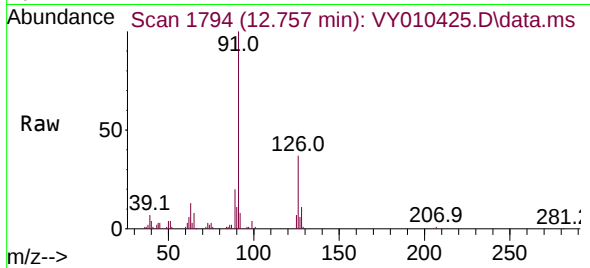




#79
2-Chlorotoluene
Concen: 2.712 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

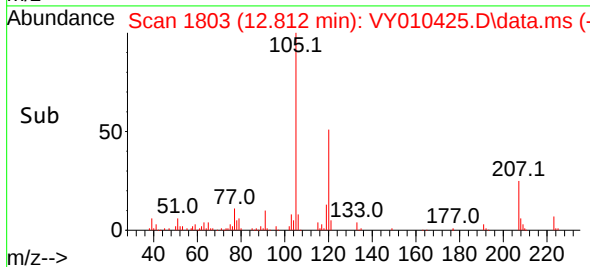
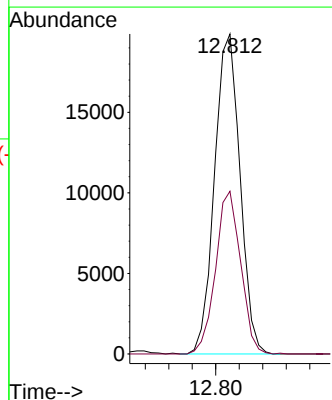
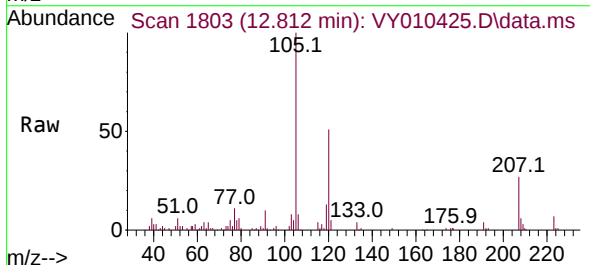
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

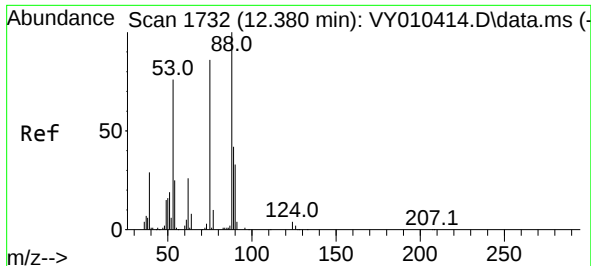
Tgt Ion: 91 Resp: 23642
Ion Ratio Lower Upper
91 100
126 36.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 2.702 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 105 Resp: 29881
Ion Ratio Lower Upper
105 100
120 50.1 24.4 73.4

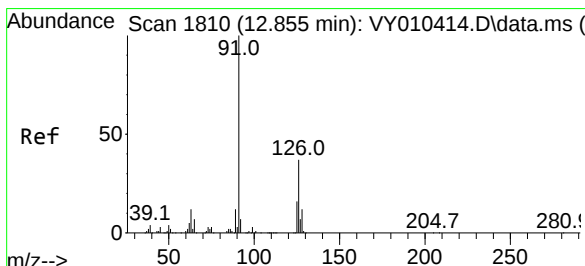
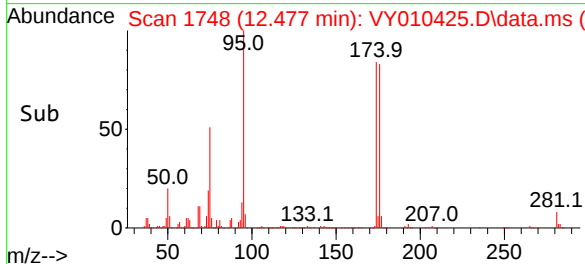
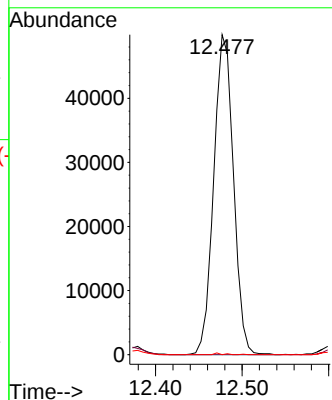
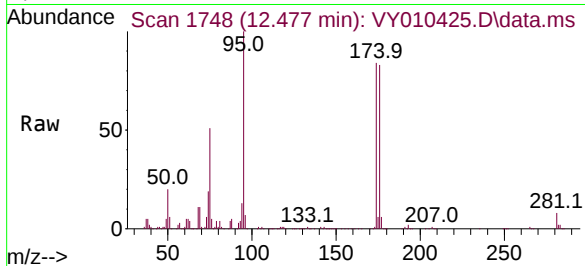




#81
trans-1,4-Dichloro-2-butene
Concen: 94.659 ug/l
RT: 12.477 min Scan# 1732
Delta R.T. 0.097 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

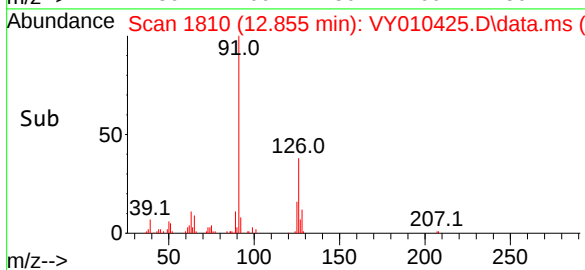
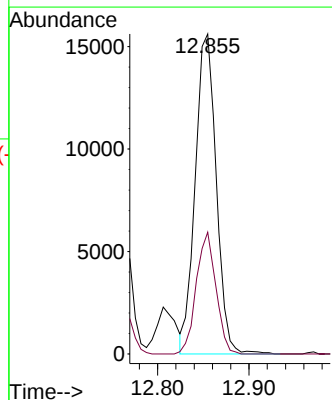
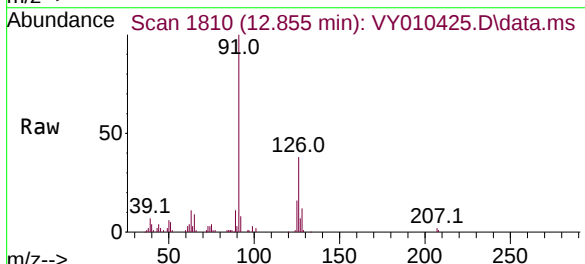
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

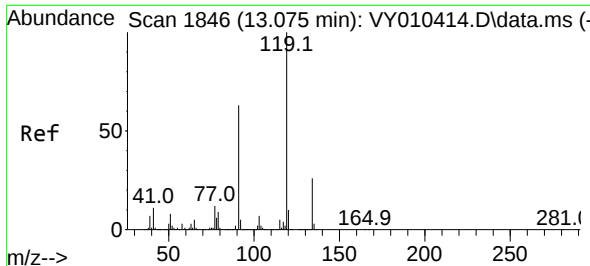
Tgt Ion: 75 Resp: 79027
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#



#82
4-Chlorotoluene
Concen: 2.755 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 91 Resp: 24981
Ion Ratio Lower Upper
91 100
126 35.6 17.0 51.0

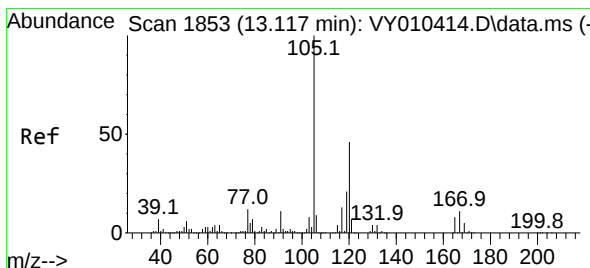
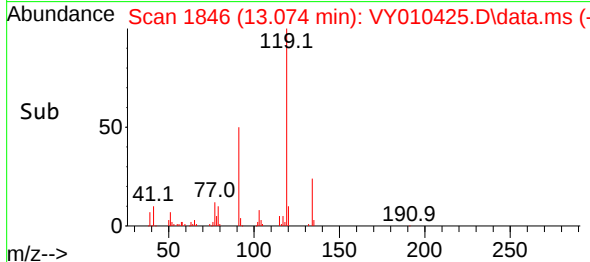
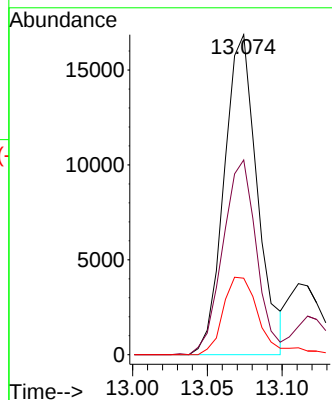
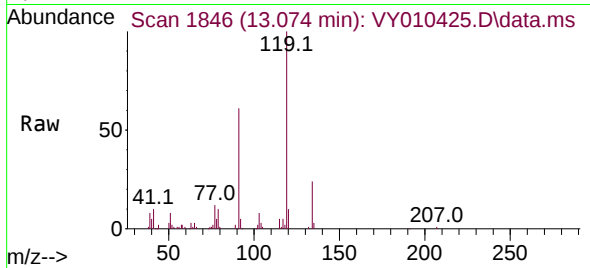




#83
tert-Butylbenzene
Concen: 2.702 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

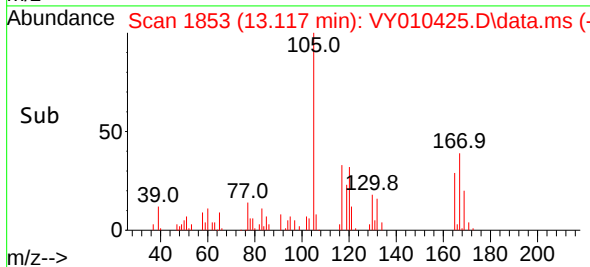
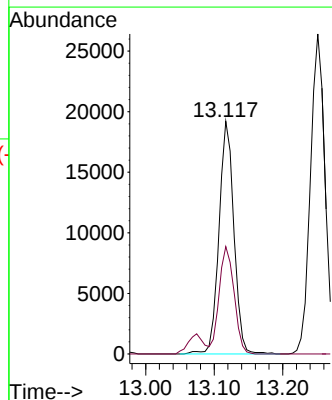
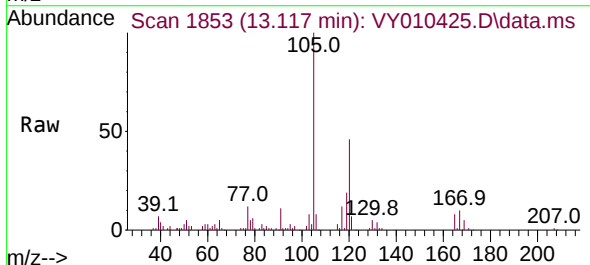
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

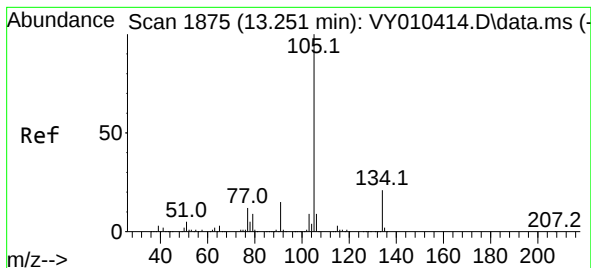
Tgt Ion:119 Resp: 26112
Ion Ratio Lower Upper
119 100
91 61.5 34.8 104.4
134 26.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 2.673 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion:105 Resp: 28916
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 2.716 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :

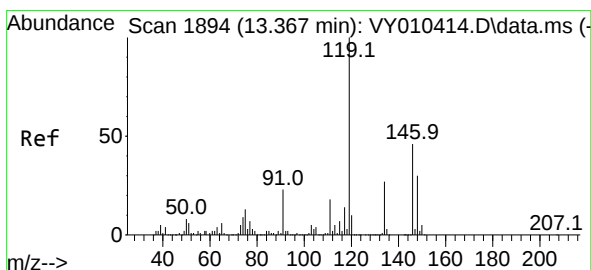
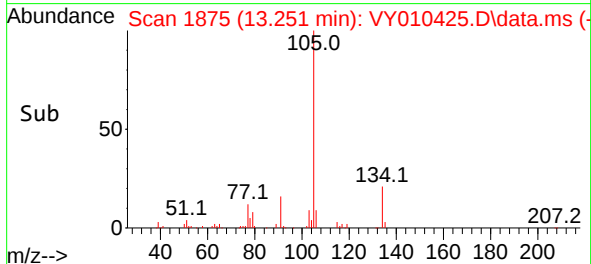
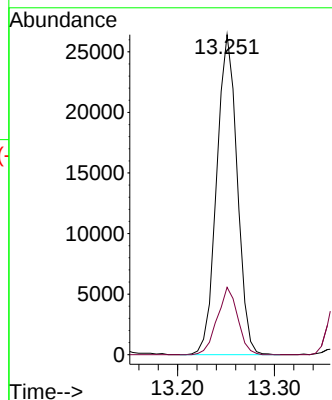
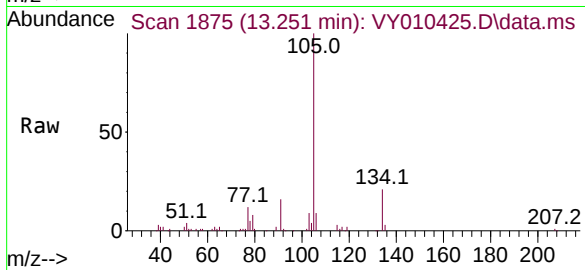
MDL-SOIL-03-QT3-2022

Tgt Ion:105 Resp: 38867

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.4



#86

p-Isopropyltoluene

Concen: 2.552 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

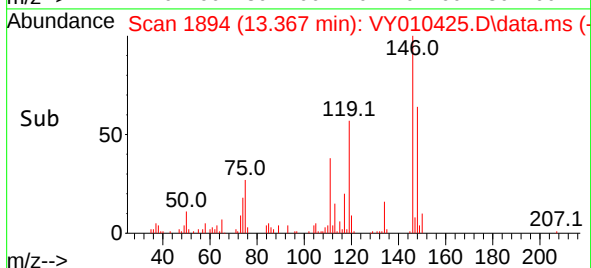
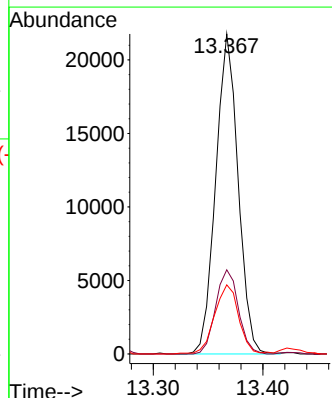
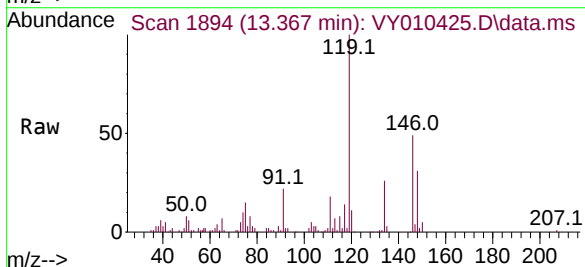
Tgt Ion:119 Resp: 30895

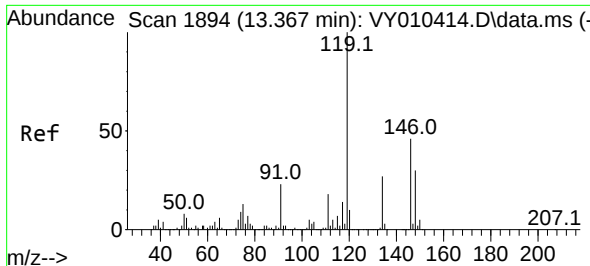
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 23.4 12.4 37.2

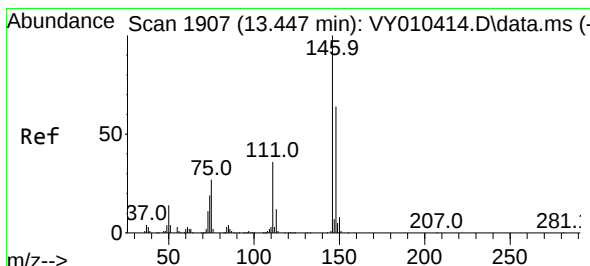
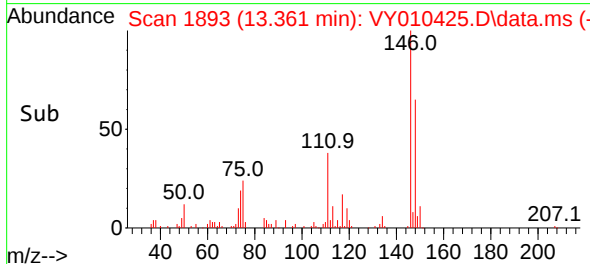
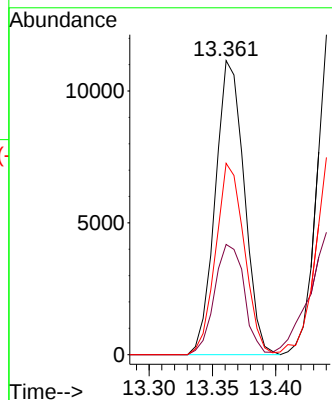
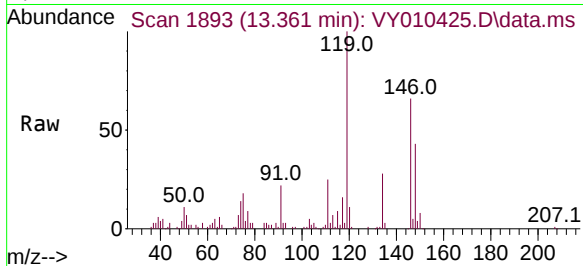




#87
1,3-Dichlorobenzene
Concen: 2.841 ug/l
RT: 13.361 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

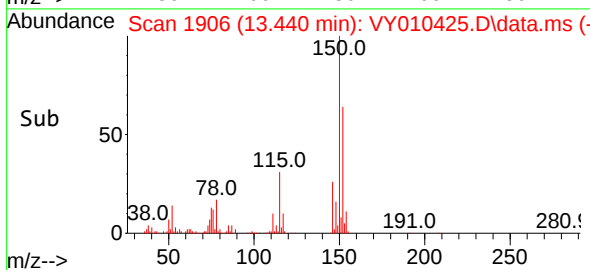
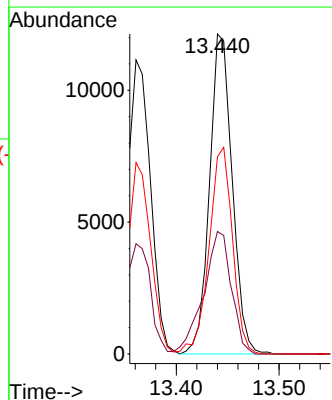
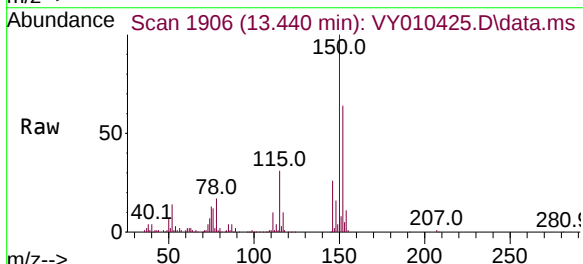
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2022

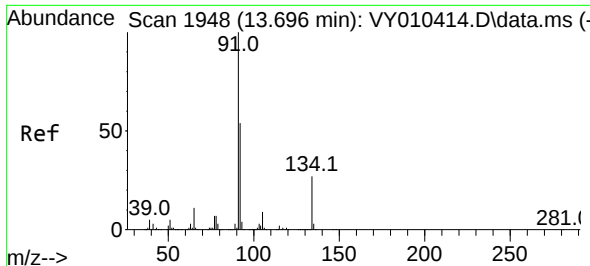
Tgt Ion:146 Resp: 17716
Ion Ratio Lower Upper
146 100
111 38.7 19.5 58.5
148 64.4 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 3.016 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.007 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion:146 Resp: 18625
Ion Ratio Lower Upper
146 100
111 46.8 19.3 57.8
148 66.7 32.6 97.8

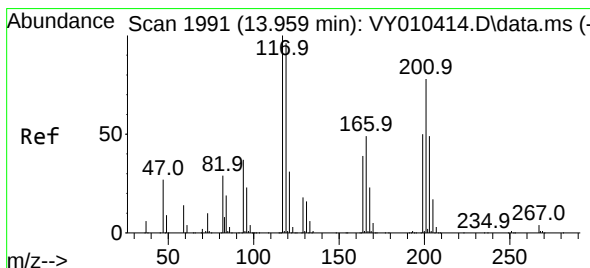
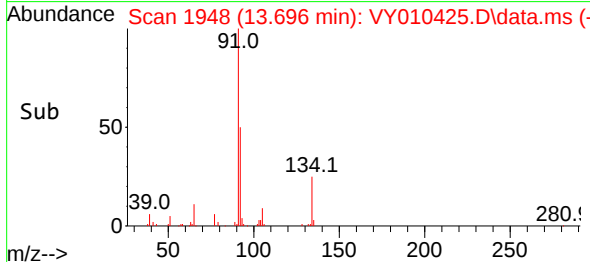
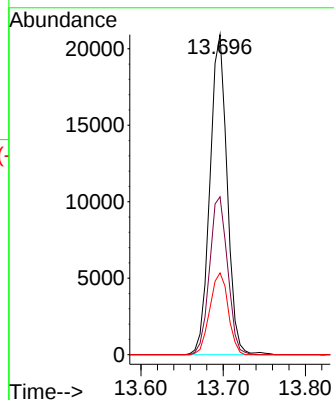
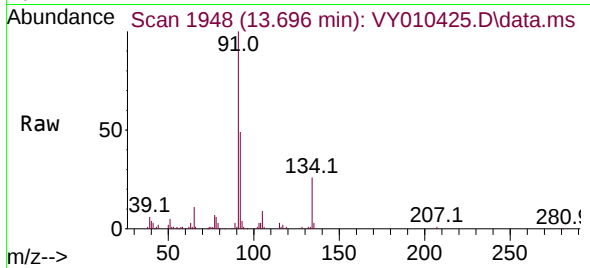




#89
n-Butylbenzene
Concen: 2.764 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

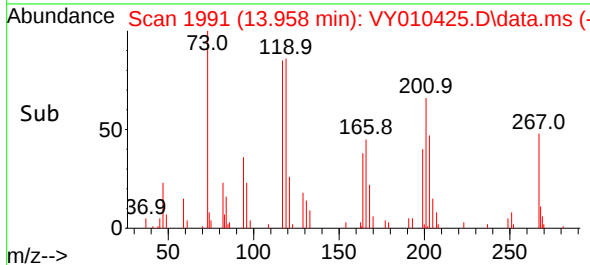
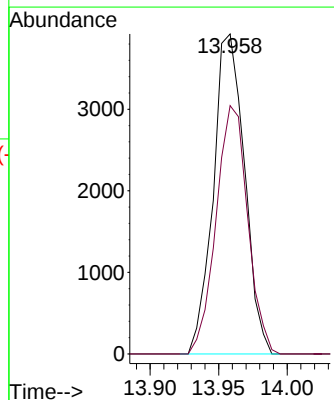
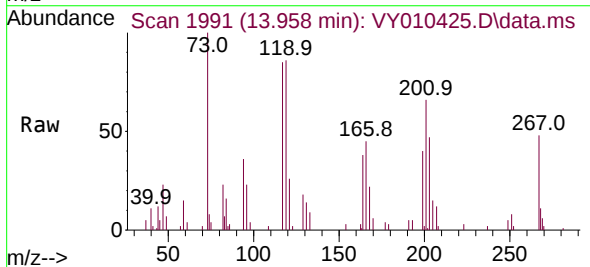
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

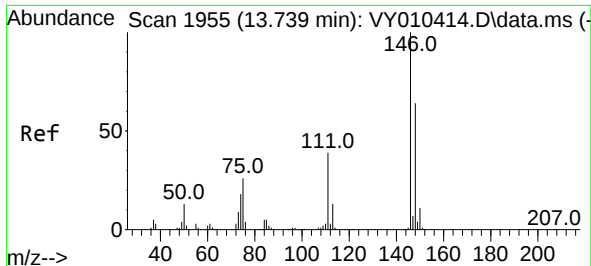
Tgt Ion: 91 Resp: 30371
Ion Ratio Lower Upper
91 100
92 51.8 26.3 78.9
134 27.2 13.0 38.9



#90
Hexachloroethane
Concen: 2.733 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion: 117 Resp: 6211
Ion Ratio Lower Upper
117 100
201 78.6 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 2.805 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

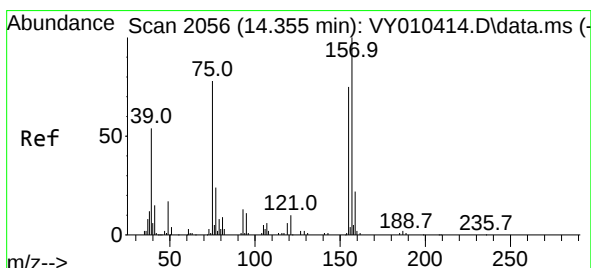
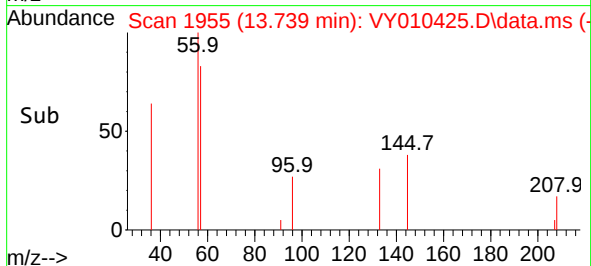
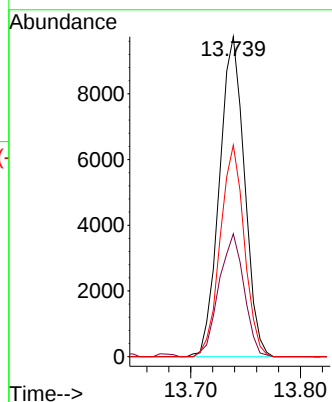
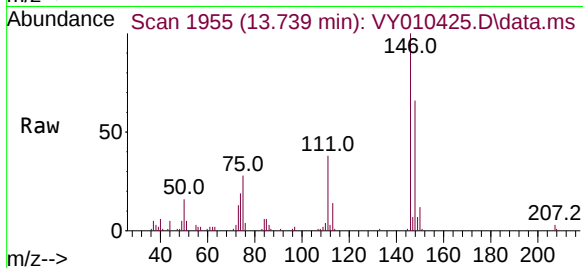
Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:	146	Resp:	15493
Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.3	60.9
148	63.4	32.3	96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.840 ug/l

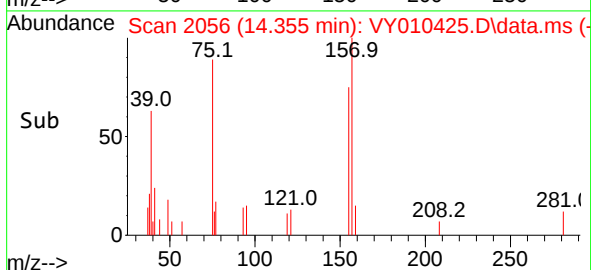
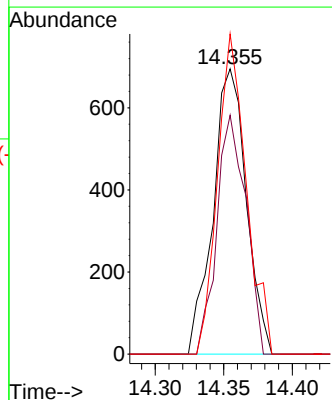
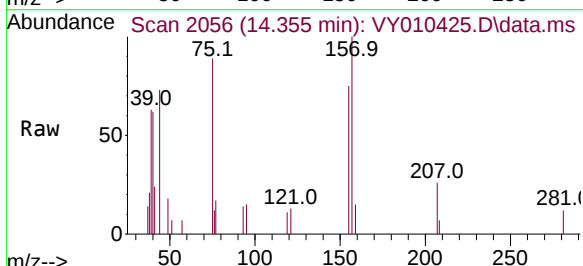
RT: 14.355 min Scan# 2056

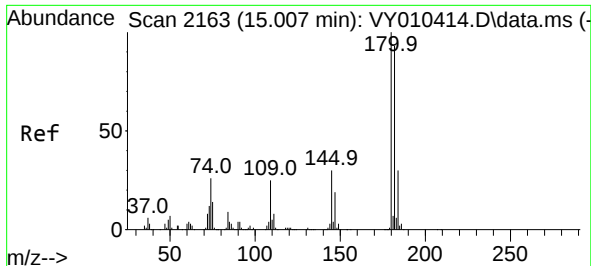
Delta R.T. -0.000 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Tgt Ion:	75	Resp:	1175
Ion	Ratio	Lower	Upper
75	100		
155	73.3	38.0	113.9
157	96.9	47.8	143.3

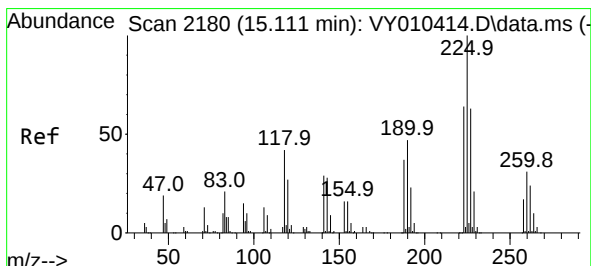
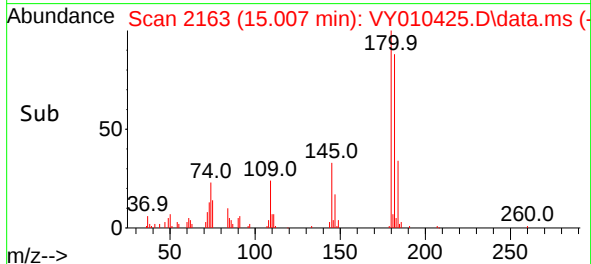
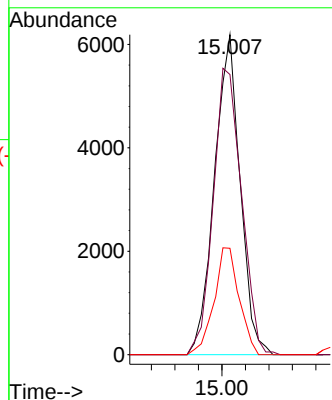
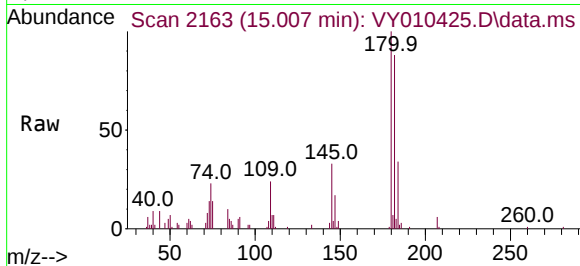




#93
1,2,4-Trichlorobenzene
Concen: 2.740 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

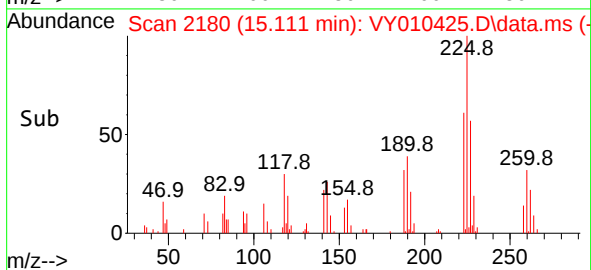
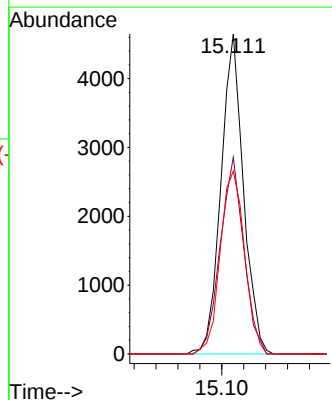
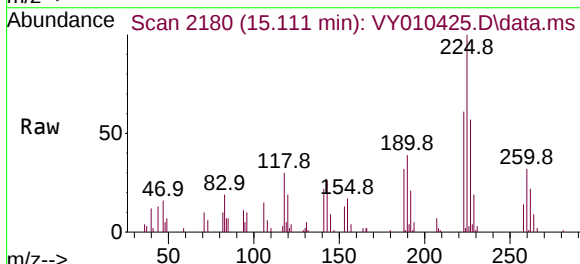
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2022

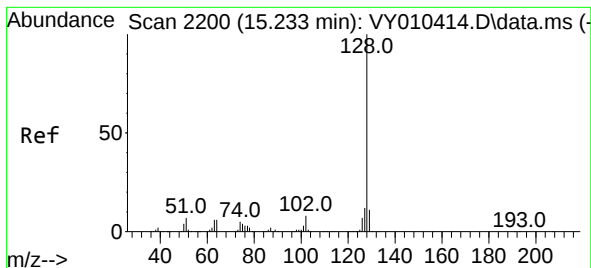
Tgt Ion:180	Resp:	9397
Ion Ratio	Lower	Upper
180	100	
182	98.4	47.3 141.9
145	32.7	14.6 43.8



#94
Hexachlorobutadiene
Concen: 3.199 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY010425.D
Acq: 09 Sep 2022 18:09

Tgt Ion:225	Resp:	6621
Ion Ratio	Lower	Upper
225	100	
223	63.9	30.8 92.3
227	62.0	31.6 94.7





#95

Naphthalene

Concen: 2.617 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

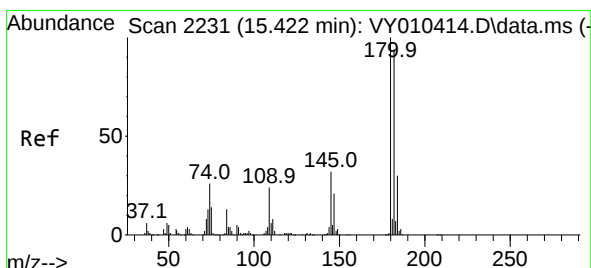
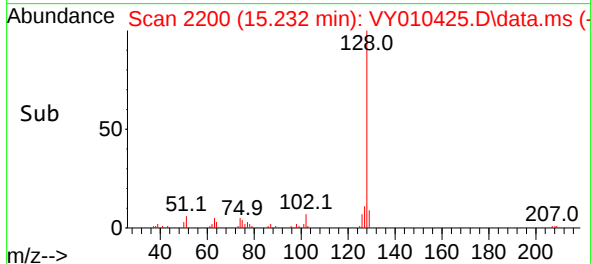
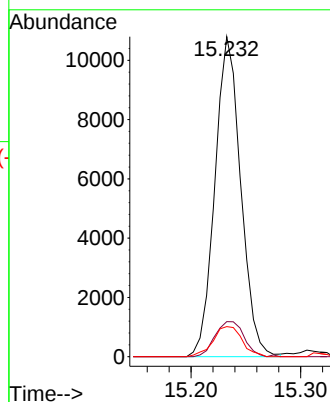
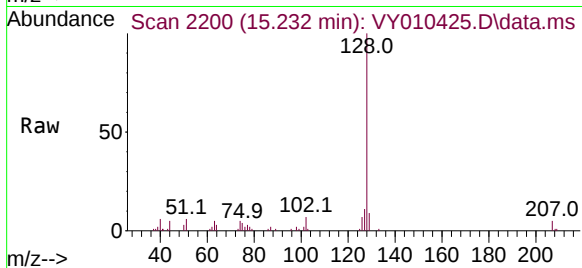
Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2022

Tgt Ion:	128	Resp:	17708
Ion	Ratio	Lower	Upper
128	100		
127	12.3	11.0	16.4
129	10.6	8.4	12.6



#96

1,2,3-Trichlorobenzene

Concen: 2.816 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.001 min

Lab File: VY010425.D

Acq: 09 Sep 2022 18:09

Tgt Ion:	180	Resp:	8433
Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.3	141.9
145	31.5	15.3	45.9

