

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091222\
 Data File : VY010446.D
 Acq On : 12 Sep 2022 14:37
 Operator : KP/MD
 Sample : MDL-02 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02 2.5PPB

Quant Time: Sep 13 05:26:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 13 05:24:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	229309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	362213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	319605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128524	55.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.300%	
35) Dibromofluoromethane	7.716	113	126643	49.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.460%	
50) Toluene-d8	10.179	98	467985	56.132	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.260%	
62) 4-Bromofluorobenzene	12.477	95	161125	42.115	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	5292	3.012	ug/l	95
3) Chloromethane	2.107	50	7989	3.101	ug/l	94
4) Vinyl Chloride	2.241	62	8836	2.780	ug/l	100
5) Bromomethane	2.643	94	6978	3.134	ug/l	96
6) Chloroethane	2.790	64	5714	2.688	ug/l	89
7) Trichlorofluoromethane	3.119	101	11021	2.737	ug/l	97
8) Diethyl Ether	3.527	74	3510	2.692	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	6435	2.730	ug/l #	71
10) Methyl Iodide	4.082	142	6631	2.273	ug/l	91
11) Tert butyl alcohol	4.954	59	5008	16.054	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	5849	2.645	ug/l #	72
13) Acrolein	3.710	56	2536	11.510	ug/l	97
14) Allyl chloride	4.466	41	8558	2.687	ug/l #	94
15) Acrylonitrile	5.155	53	8078	12.798	ug/l	96
16) Acetone	3.942	43	8705	16.424	ug/l	93
17) Carbon Disulfide	4.186	76	15072	2.520	ug/l	100
18) Methyl Acetate	4.472	43	5626	3.450	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	16044	2.627	ug/l	91
20) Methylene Chloride	4.704	84	31276	9.669	ug/l #	81
21) trans-1,2-Dichloroethene	5.210	96	6423	2.558	ug/l	91
22) Diisopropyl ether	6.112	45	18137	2.551	ug/l	93
23) Vinyl Acetate	6.051	43	48055	11.030	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	11238	2.611	ug/l #	93
25) 2-Butanone	6.984	43	12658	15.028	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	12786	3.113	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	7627	2.613	ug/l	98
28) Bromochloromethane	7.326	49	3968	2.875	ug/l #	75
29) Tetrahydrofuran	7.350	42	6592	12.540	ug/l #	81
30) Chloroform	7.502	83	12161	2.664	ug/l	95
31) Cyclohexane	7.783	56	14096	3.613	ug/l #	50
32) 1,1,1-Trichloroethane	7.697	97	10710	2.591	ug/l	95
36) 1,1-Dichloropropene	7.911	75	9310	2.644	ug/l	95
37) Ethyl Acetate	7.063	43	5299	2.862	ug/l #	95
38) Carbon Tetrachloride	7.893	117	10504	2.681	ug/l	91
39) Methylcyclohexane	9.179	83	11469	2.612	ug/l	95
40) Benzene	8.155	78	26512	2.615	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	2194	2.073	ug/l #	47
42) 1,2-Dichloroethane	8.228	62	8195	2.718	ug/l	96
43) Isopropyl Acetate	8.264	43	7998	2.361	ug/l #	91
44) Trichloroethene	8.935	130	7756	2.599	ug/l	86
45) 1,2-Dichloropropane	9.215	63	6655	2.692	ug/l	99
46) Dibromomethane	9.301	93	3751	2.516	ug/l	98
47) Bromodichloromethane	9.490	83	9580	2.705	ug/l	98
48) Methyl methacrylate	9.289	41	3363	2.210	ug/l #	69
49) 1,4-Dioxane	9.301	88	951	48.182	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	22300	12.000	ug/l	92
52) Toluene	10.240	92	17395	2.622	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	8773	2.407	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	10439	2.539	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	5246	2.473	ug/l	95
56) Ethyl methacrylate	10.508	69	6330	2.273	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	9442	2.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	15986	16.870	ug/l	94
59) 2-Hexanone	10.831	43	14270	11.265	ug/l	90
60) Dibromochloromethane	10.983	129	6520	2.516	ug/l	97
61) 1,2-Dibromoethane	11.087	107	5280	2.564	ug/l	95
64) Tetrachloroethene	10.715	164	8061	2.798	ug/l	96
65) Chlorobenzene	11.514	112	18678	2.613	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.587	131	6575	2.484	ug/l	91
67) Ethyl Benzene	11.593	91	32617	2.578	ug/l	95
68) m/p-Xylenes	11.703	106	24966	5.027	ug/l	92
69) o-Xylene	12.026	106	11534	2.432	ug/l	97
70) Styrene	12.044	104	18711	2.331	ug/l	97
71) Bromoform	12.203	173	3960	2.393	ug/l #	97
73) Isopropylbenzene	12.331	105	31325	2.512	ug/l	97
74) N-amyl acetate	12.142	43	6064	2.084	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	6446	2.763	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	8303	4.707	ug/l #	100
77) Bromobenzene	12.605	156	7835	2.651	ug/l	93
78) n-propylbenzene	12.672	91	37883	2.565	ug/l	97
79) 2-Chlorotoluene	12.758	91	21707	2.617	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	26994	2.565	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.477	75	82590	103.951	ug/l #	7
82) 4-Chlorotoluene	12.855	91	22038	2.554	ug/l	99
83) tert-Butylbenzene	13.075	119	22891	2.489	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	25659	2.492	ug/l	98
85) sec-Butylbenzene	13.251	105	34434	2.528	ug/l	98
86) p-Isopropyltoluene	13.367	119	28104	2.440	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	15703	2.646	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	15642	2.662	ug/l	89
89) n-Butylbenzene	13.696	91	25945	2.481	ug/l	99
90) Hexachloroethane	13.959	117	5811	2.687	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	14230	2.707	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1129	2.867	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	8296	2.541	ug/l	98
94) Hexachlorobutadiene	15.111	225	5330	2.706	ug/l	92
95) Naphthalene	15.239	128	14651	2.276	ug/l	96
96) 1,2,3-Trichlorobenzene	15.428	180	7457	2.617	ug/l	97

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

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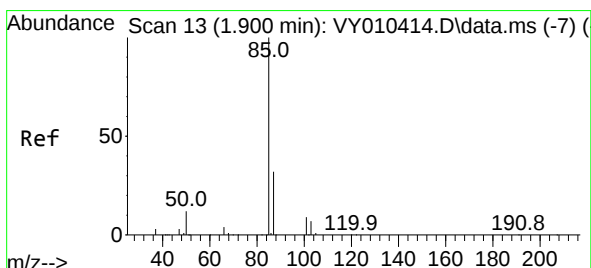
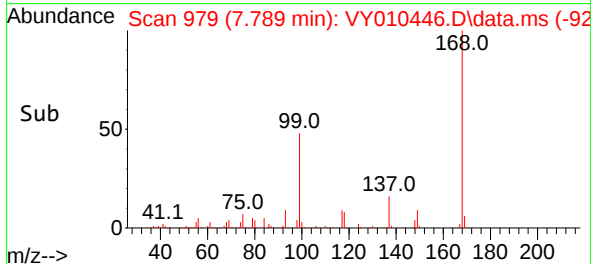
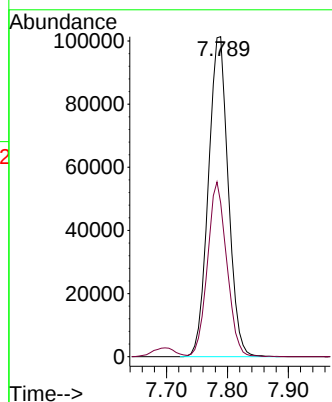
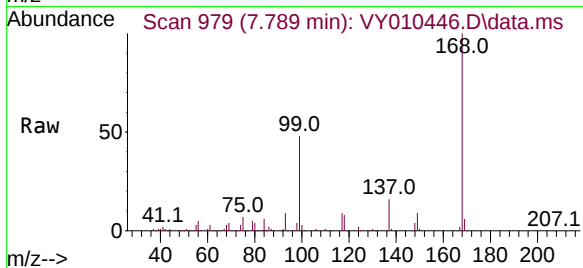




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

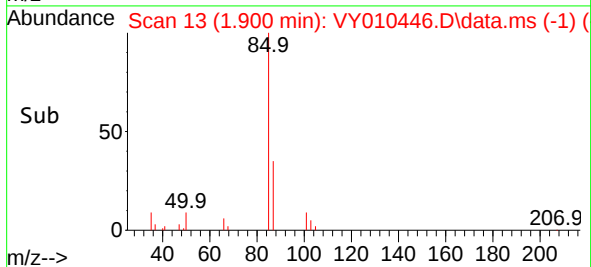
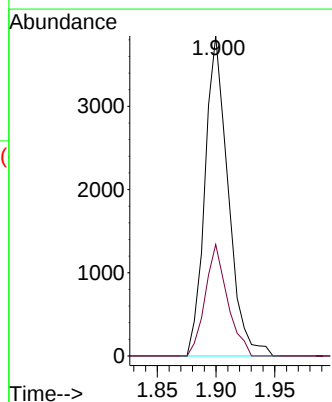
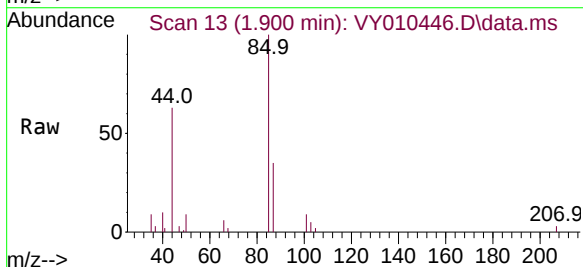
Instrument :
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ClientSampleId :
MDL02 2.5PPB

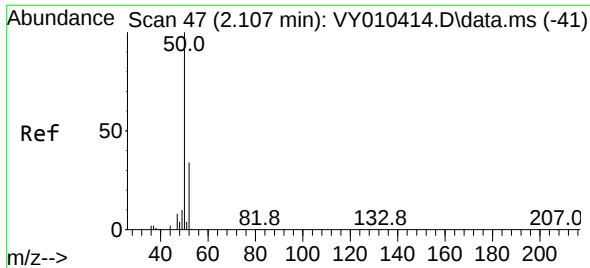
Tgt Ion:168 Resp: 229309
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 3.012 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 85 Resp: 5292
Ion Ratio Lower Upper
85 100
87 34.8 16.1 48.2

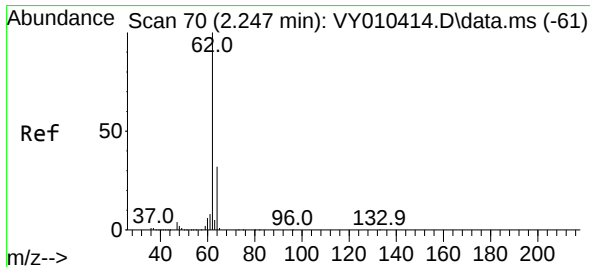
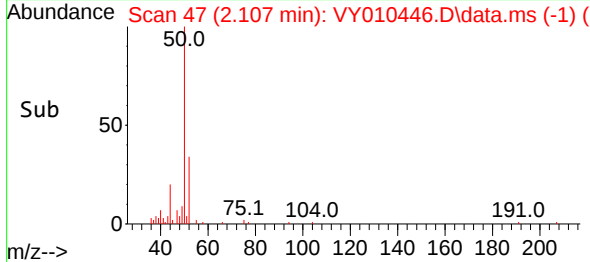
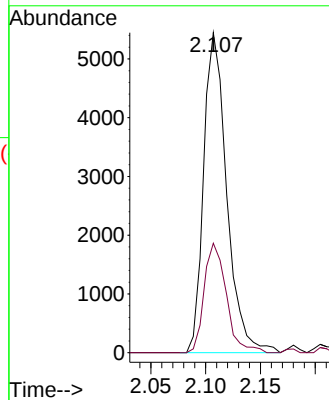
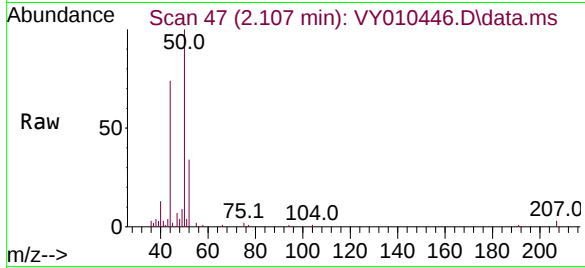




#3
Chloromethane
Concen: 3.101 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

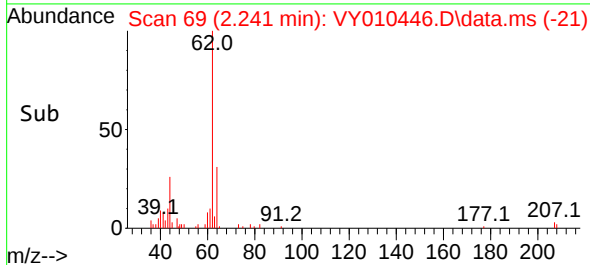
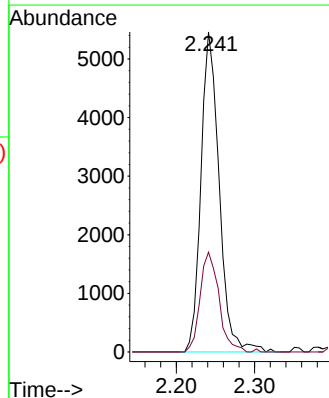
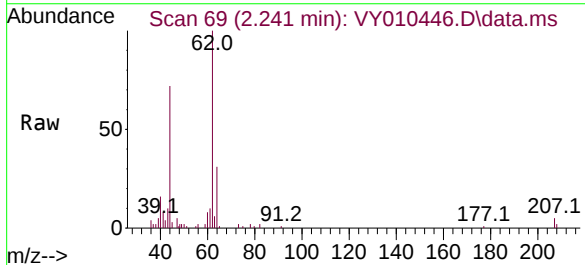
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ClientSampleId :
MDL02 2.5PPB

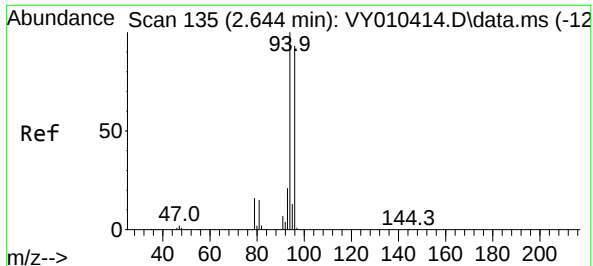
Tgt Ion: 50 Resp: 7989
Ion Ratio Lower Upper
50 100
52 34.2 24.6 37.0



#4
Vinyl Chloride
Concen: 2.780 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 62 Resp: 8836
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6

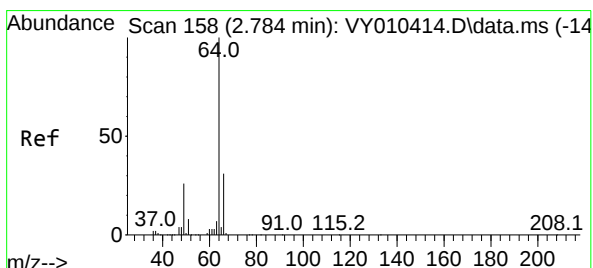
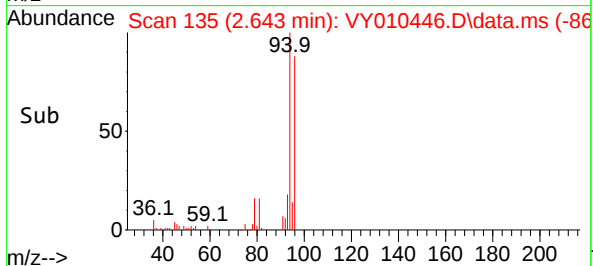
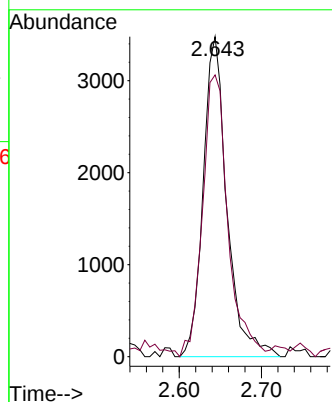
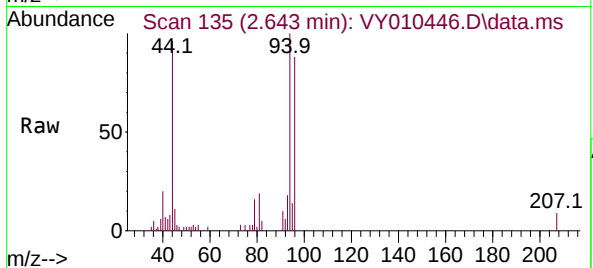




#5
Bromomethane
Concen: 3.134 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

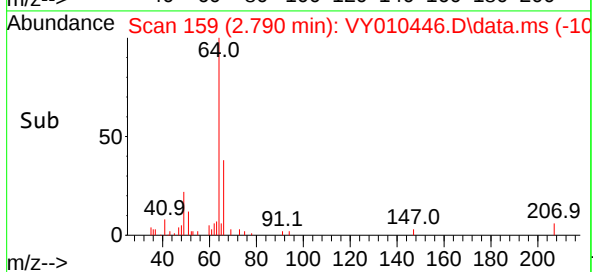
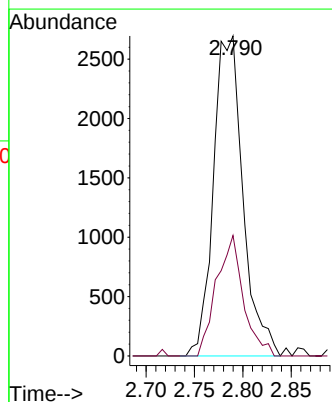
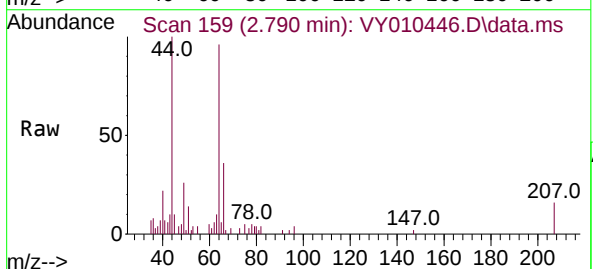
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MDL02 2.5PPB

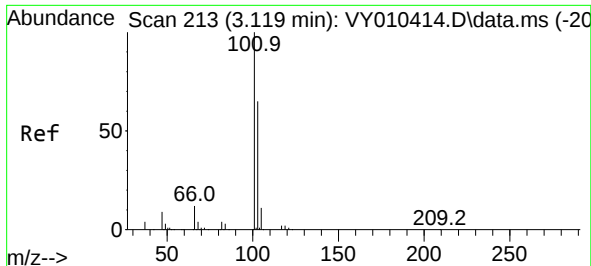
Tgt Ion: 94 Resp: 6978
Ion Ratio Lower Upper
94 100
96 88.0 73.5 110.3



#6
Chloroethane
Concen: 2.688 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 64 Resp: 5714
Ion Ratio Lower Upper
64 100
66 37.6 25.4 38.0

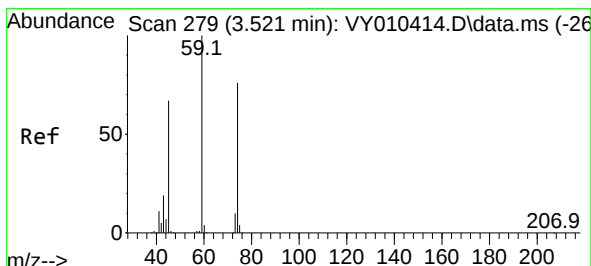
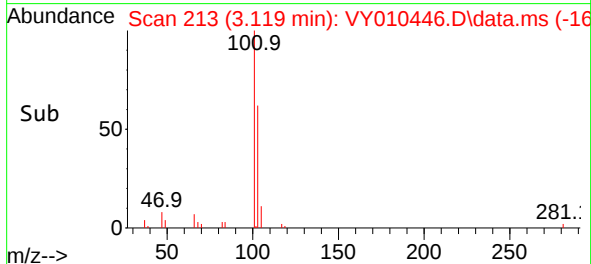
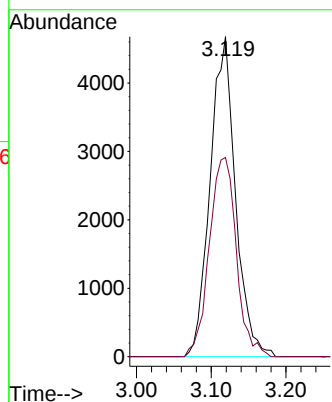
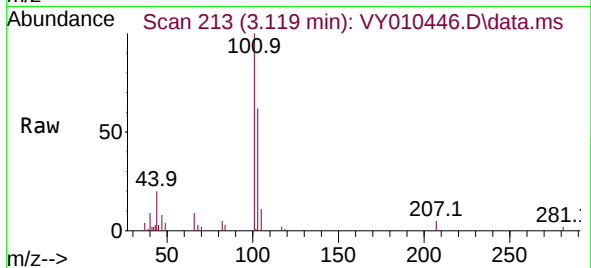




#7
 Trichlorofluoromethane
 Concen: 2.737 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY010446.D
 Acq: 12 Sep 2022 14:37

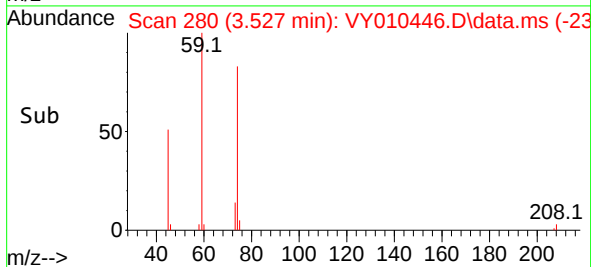
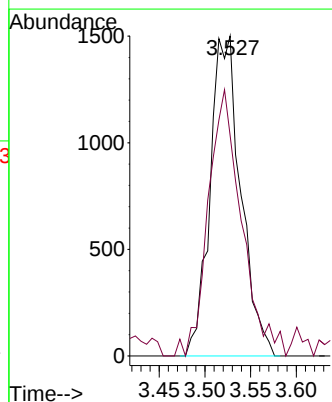
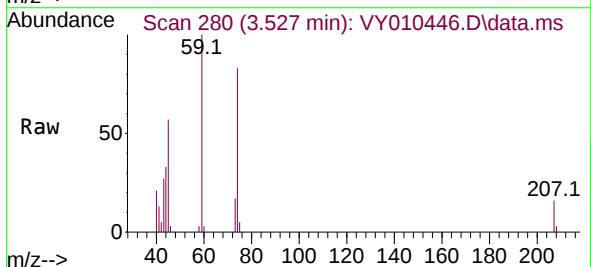
Instrument :
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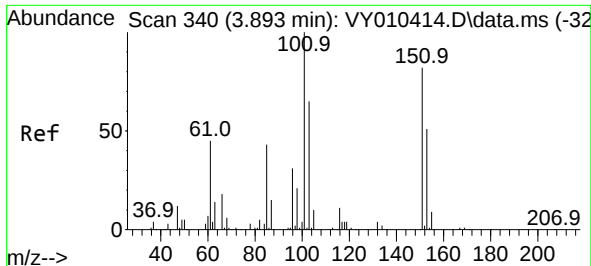
Tgt Ion:101 Resp: 11021
 Ion Ratio Lower Upper
 101 100
 103 62.2 48.0 72.0



#8
 Diethyl Ether
 Concen: 2.692 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY010446.D
 Acq: 12 Sep 2022 14:37

Tgt Ion: 74 Resp: 3510
 Ion Ratio Lower Upper
 74 100
 45 90.1 55.1 165.5

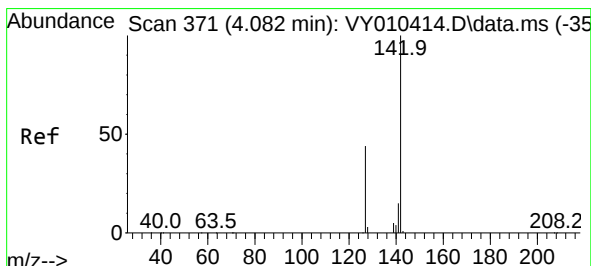
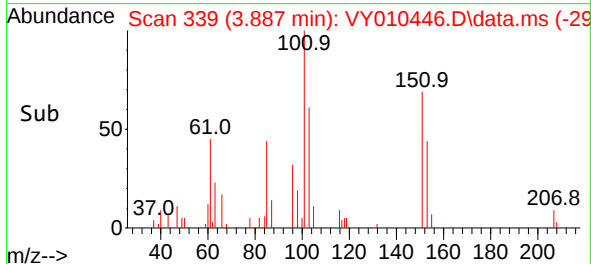
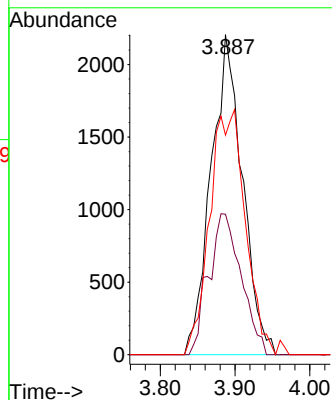
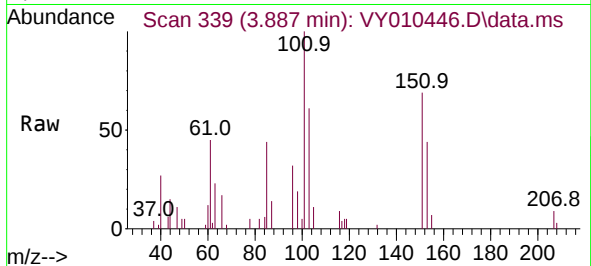




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.730 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY010446.D
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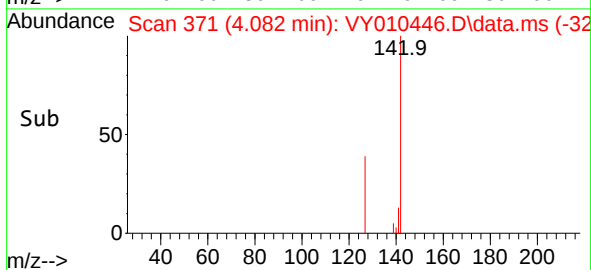
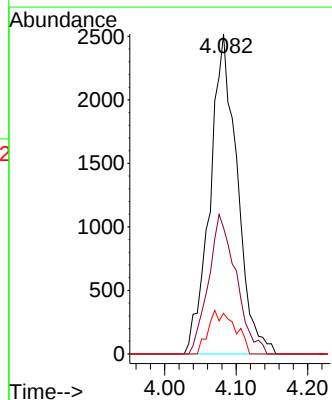
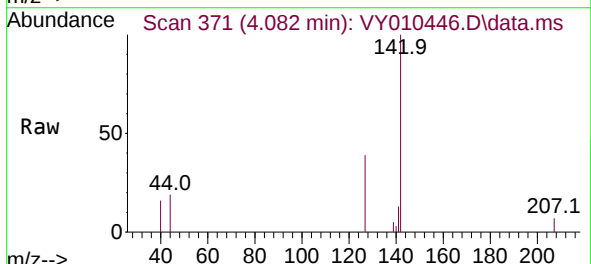
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

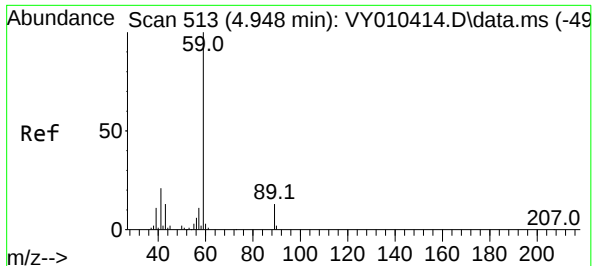
Tgt Ion:101 Resp: 6435
Ion Ratio Lower Upper
101 100
85 45.8 40.6 60.8
151 43.1 64.9 97.3#



#10
Methyl Iodide
Concen: 2.273 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion:142 Resp: 6631
Ion Ratio Lower Upper
142 100
127 44.4 41.5 62.3
141 13.3 11.9 17.9





#11

Tert butyl alcohol

Concen: 16.054 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

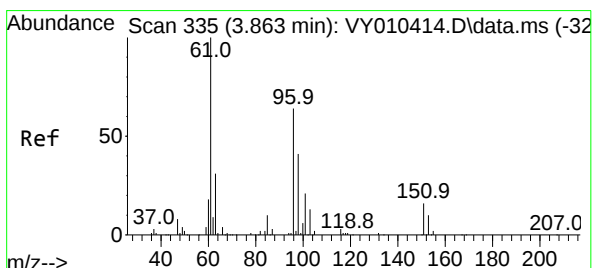
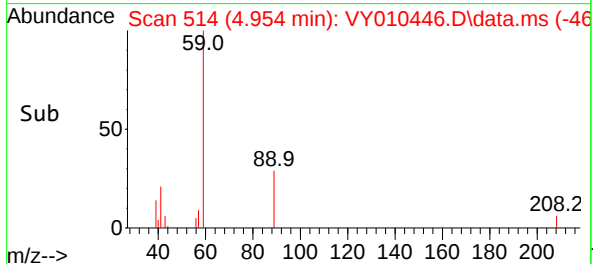
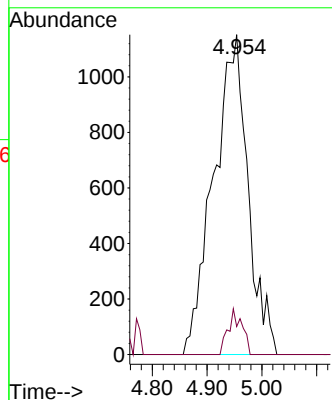
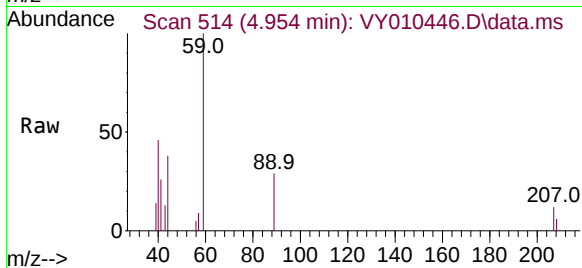
MDL02 2.5PPB

Tgt Ion: 59 Resp: 5008

Ion Ratio Lower Upper

59 100

57 5.8 6.4 9.6#



#12

1,1-Dichloroethene

Concen: 2.645 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

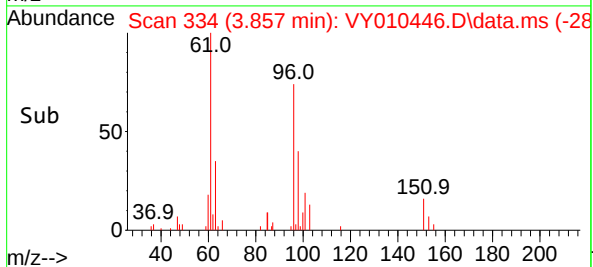
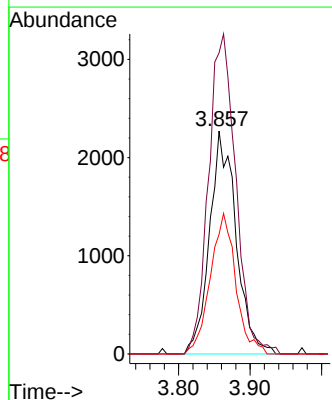
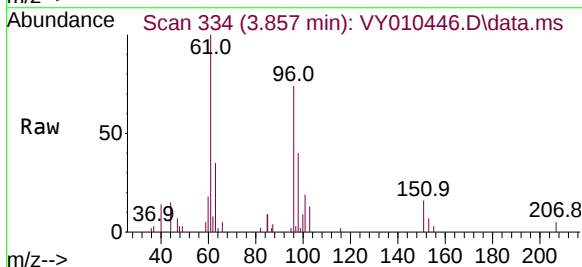
Tgt Ion: 96 Resp: 5849

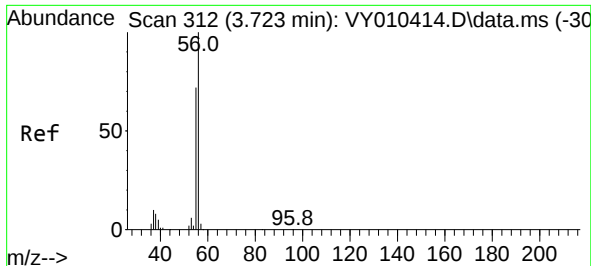
Ion Ratio Lower Upper

96 100

61 135.1 145.8 218.6#

98 53.7 52.5 78.7





#13

Acrolein

Concen: 11.510 ug/l

RT: 3.710 min Scan# 31

Delta R.T. -0.013 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

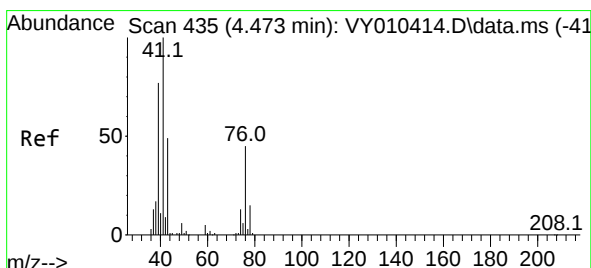
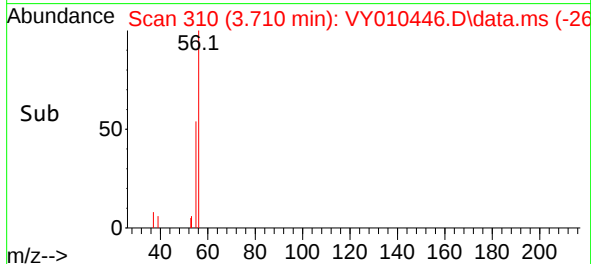
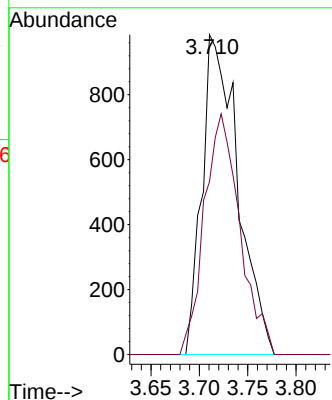
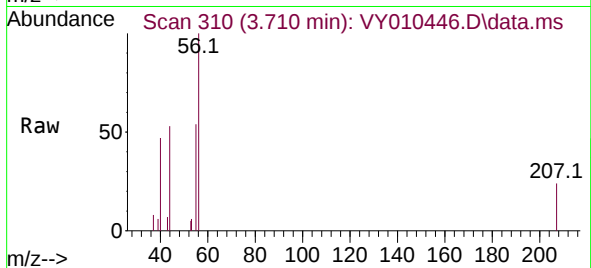
MDL02 2.5PPB

Tgt Ion: 56 Resp: 2536

Ion Ratio Lower Upper

56 100

55 74.8 57.6 86.4



#14

Allyl chloride

Concen: 2.687 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.007 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

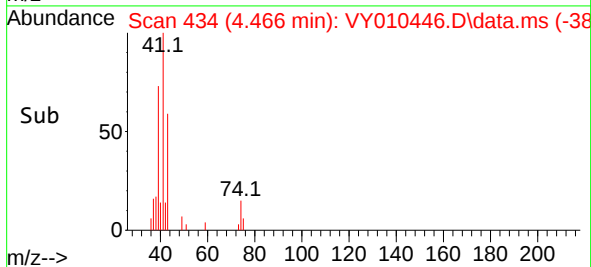
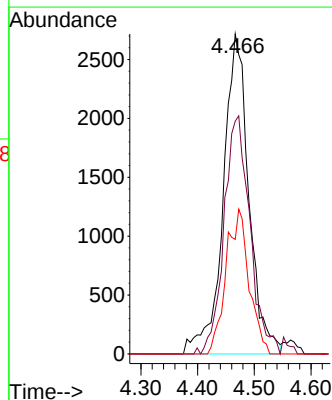
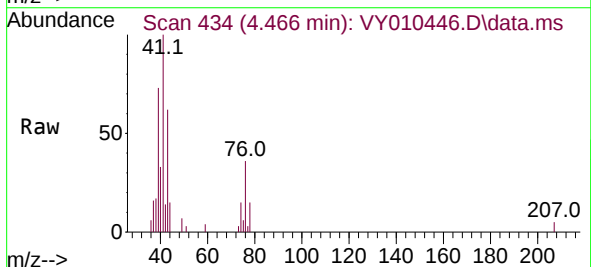
Tgt Ion: 41 Resp: 8558

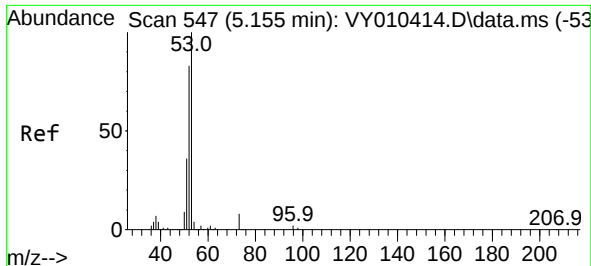
Ion Ratio Lower Upper

41 100

39 75.0 58.8 88.2

76 40.4 25.1 37.7#

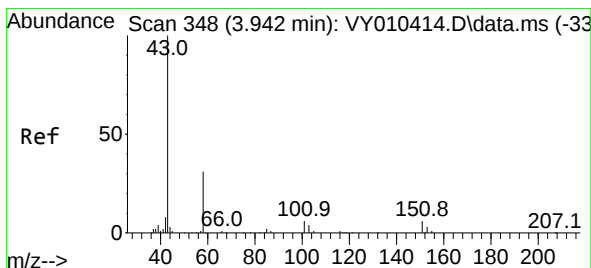
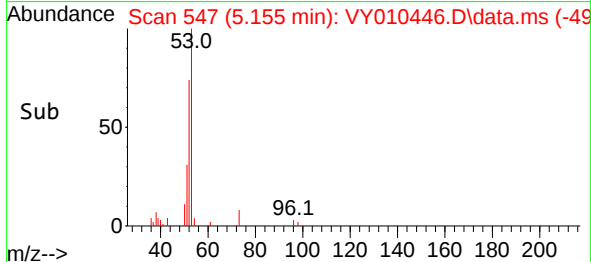
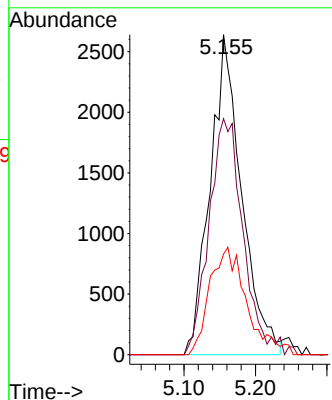
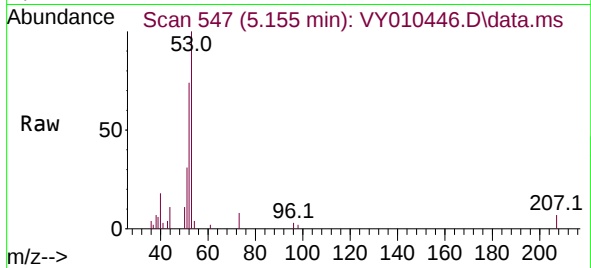




#15
Acrylonitrile
Concen: 12.798 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

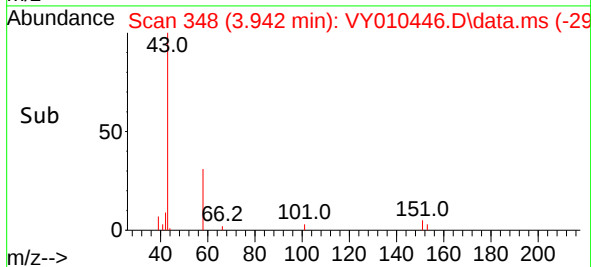
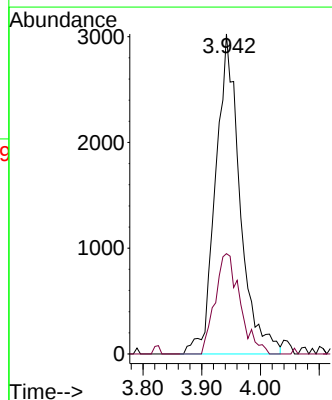
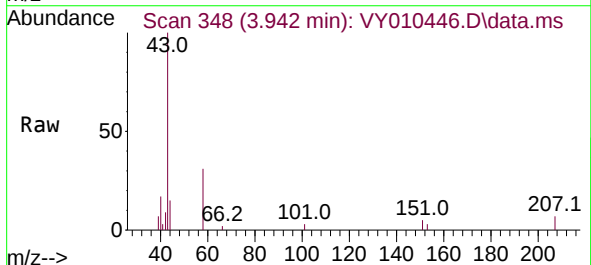
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

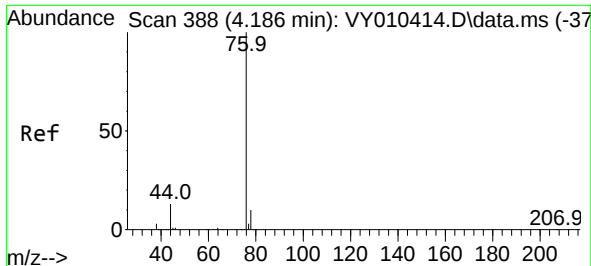
Tgt Ion: 53	Resp: 8078
Ion Ratio	Lower Upper
53 100	
52 80.0	67.0 100.4
51 39.2	29.8 44.6



#16
Acetone
Concen: 16.424 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 43	Resp: 8705		
Ion Ratio	Lower	Upper	
43 100			
58 31.4	22.0	33.0	





#17

Carbon Disulfide

Concen: 2.520 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

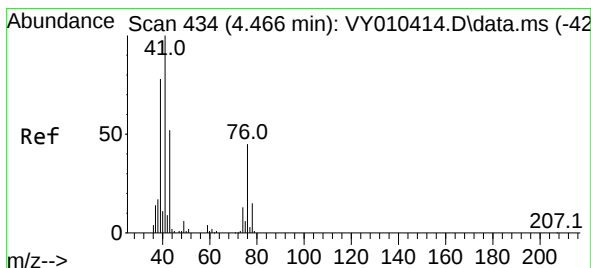
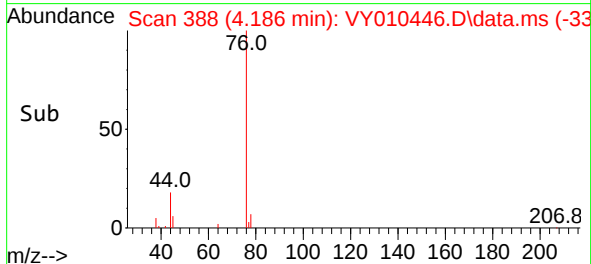
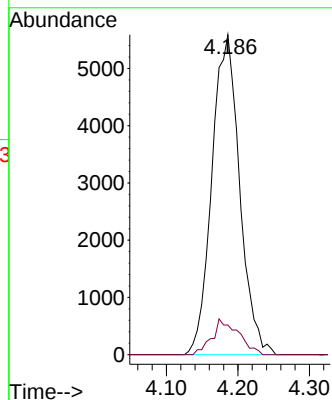
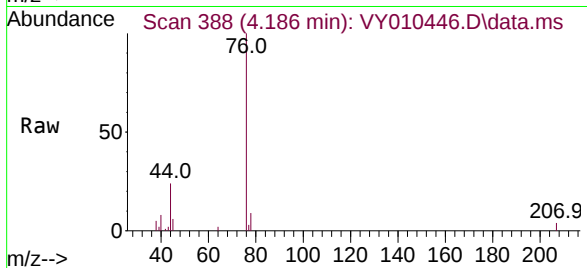
MDL02 2.5PPB

Tgt Ion: 76 Resp: 15072

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 3.450 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY010446.D

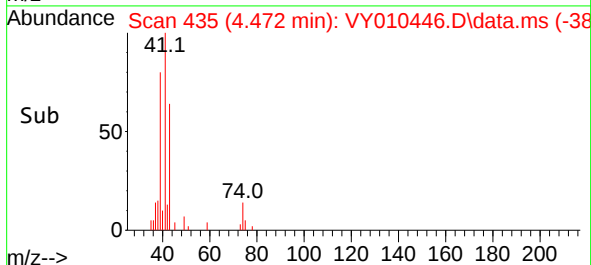
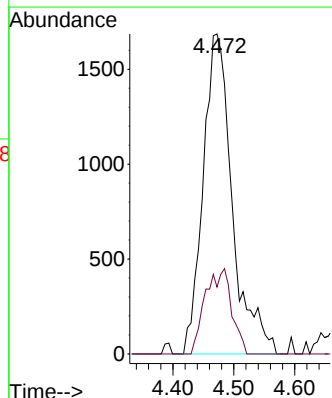
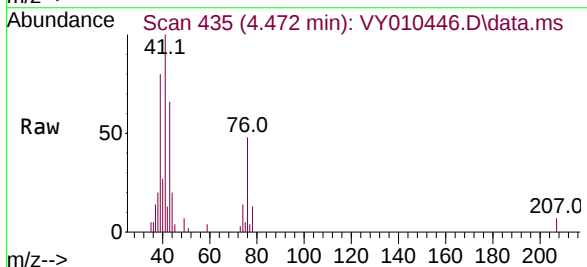
Acq: 12 Sep 2022 14:37

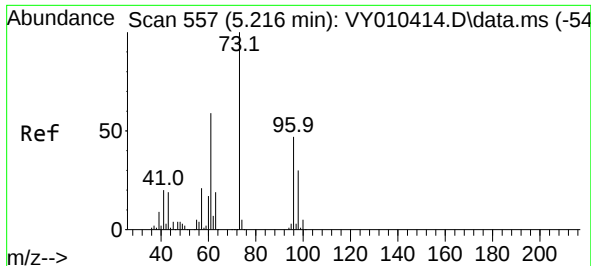
Tgt Ion: 43 Resp: 5626

Ion Ratio Lower Upper

43 100

74 24.0 16.6 24.8

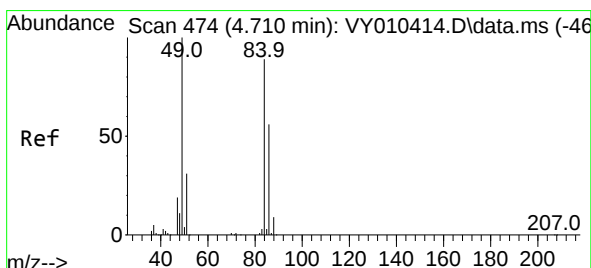
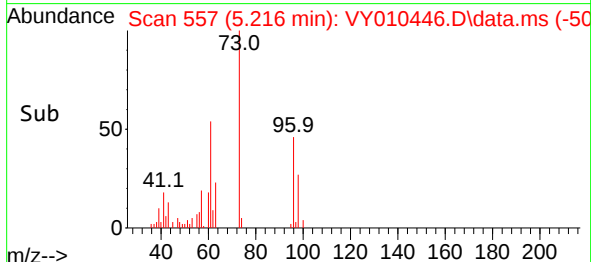
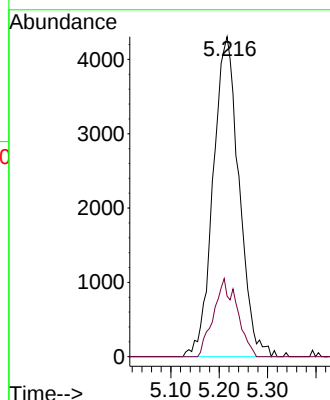
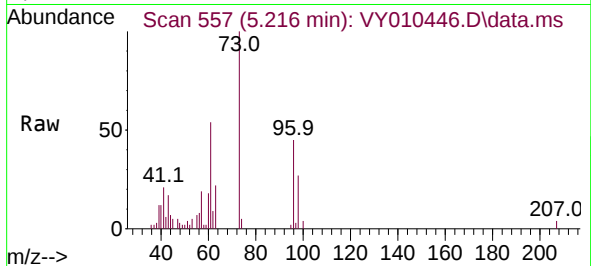




#19
Methyl tert-butyl Ether
Concen: 2.627 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

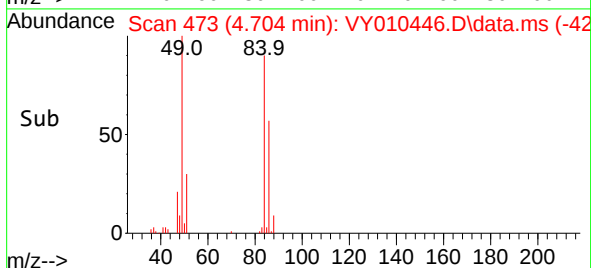
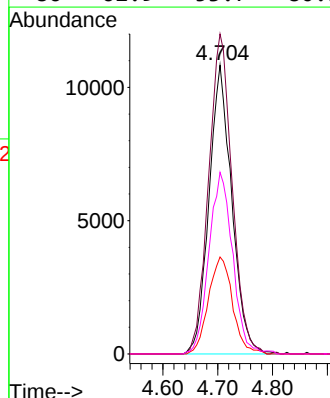
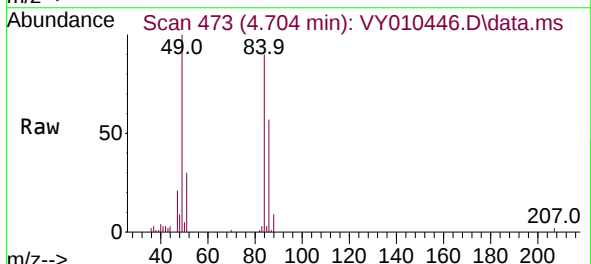
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

Tgt Ion: 73 Resp: 16044
Ion Ratio Lower Upper
73 100
57 18.9 18.6 27.8



#20
Methylene Chloride
Concen: 9.669 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 84 Resp: 31276
Ion Ratio Lower Upper
84 100
49 110.8 114.4 171.6#
51 33.6 35.3 52.9#
86 62.9 53.7 80.5

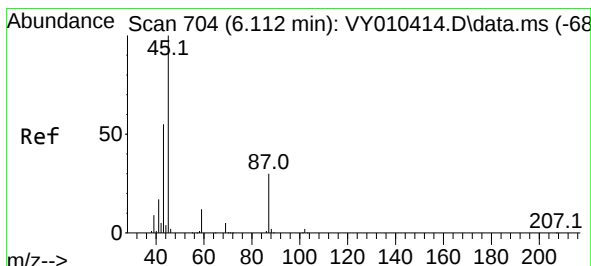
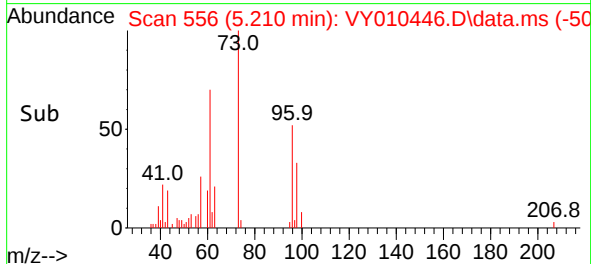
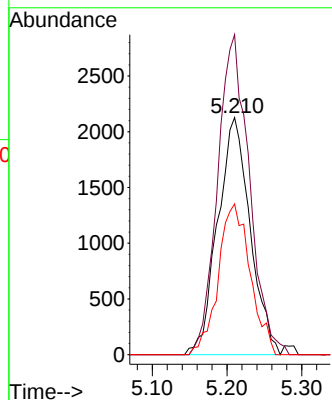
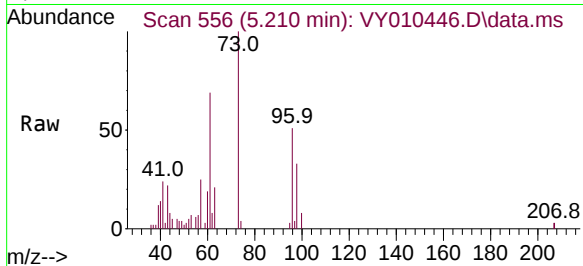




#21
trans-1,2-Dichloroethene
Concen: 2.558 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

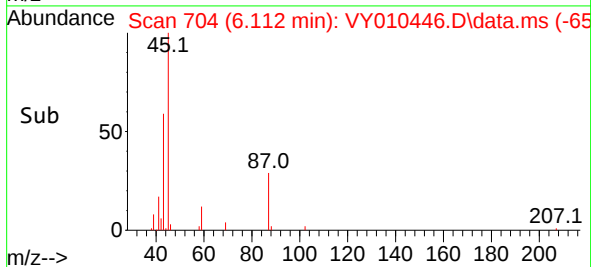
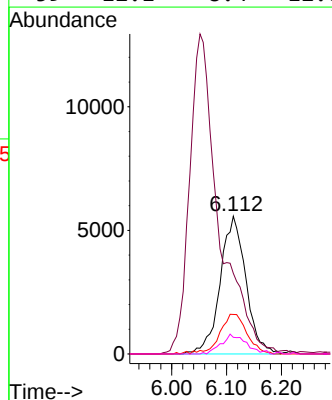
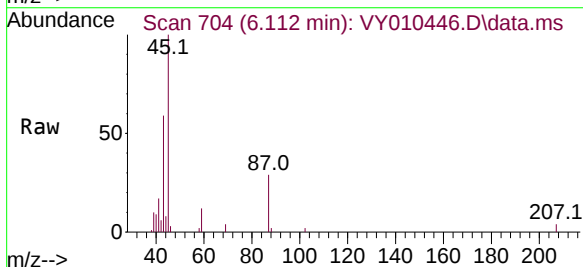
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

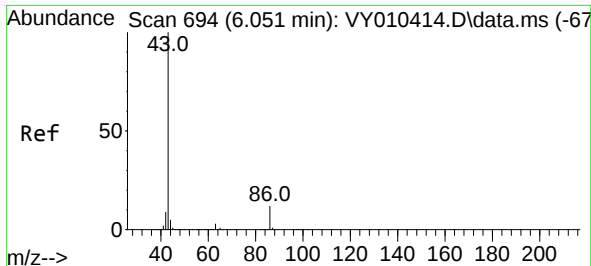
Tgt Ion: 96 Resp: 6423
Ion Ratio Lower Upper
96 100
61 135.0 120.5 180.7
98 63.6 49.8 74.8



#22
Diisopropyl ether
Concen: 2.551 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 45 Resp: 18137
Ion Ratio Lower Upper
45 100
43 56.3 49.3 73.9
87 28.6 19.2 28.8
59 12.1 8.4 12.6

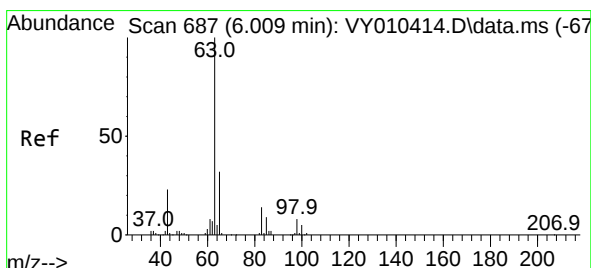
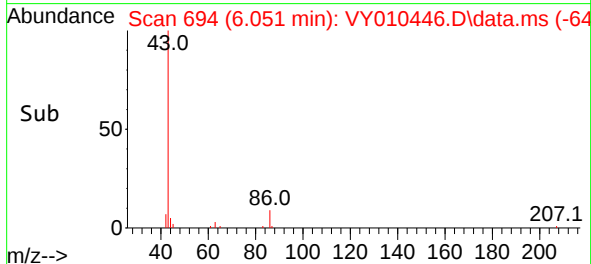
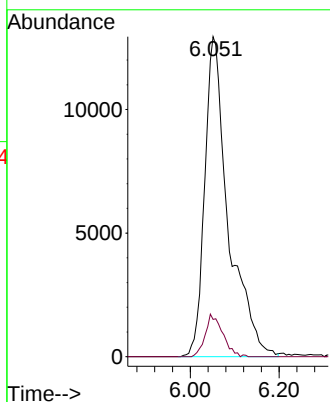
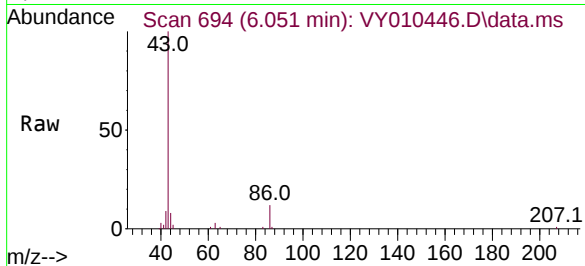




#23
 Vinyl Acetate
 Concen: 11.030 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY010446.D
 Acq: 12 Sep 2022 14:37

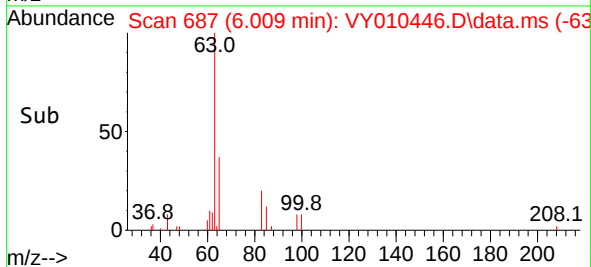
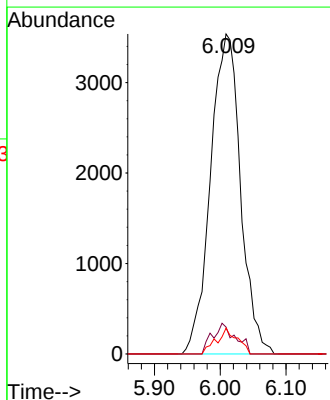
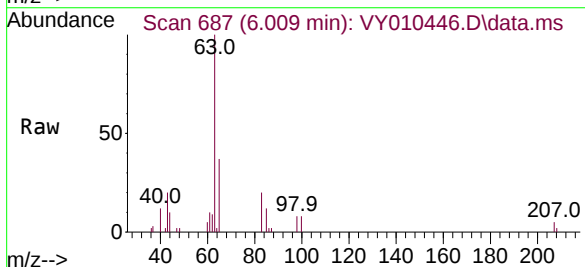
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02 2.5PPB

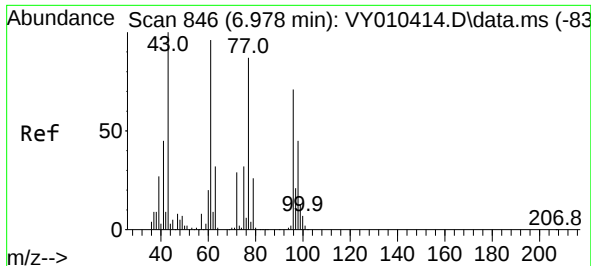
Tgt Ion: 43 Resp: 48055
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 2.611 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY010446.D
 Acq: 12 Sep 2022 14:37

Tgt Ion: 63 Resp: 11238
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.8
 100 8.0 2.0 5.8#





#25

2-Butanone

Concen: 15.028 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

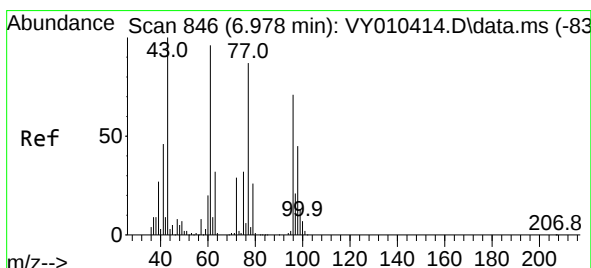
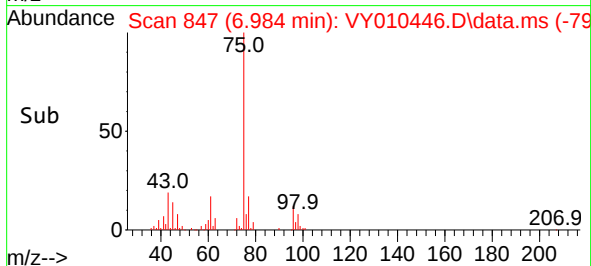
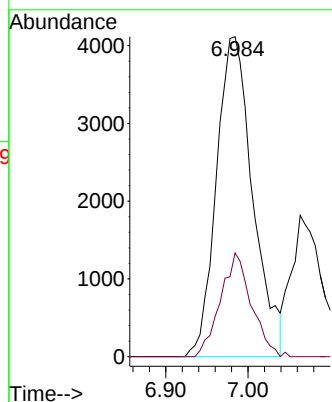
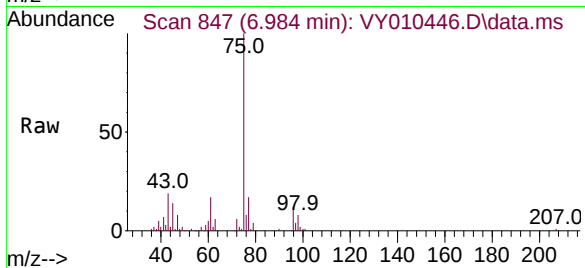
MDL02 2.5PPB

Tgt Ion: 43 Resp: 12658

Ion Ratio Lower Upper

43 100

72 32.4 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 3.113 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010446.D

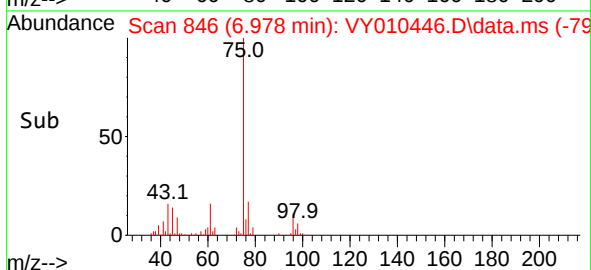
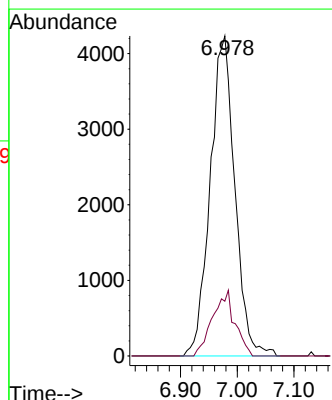
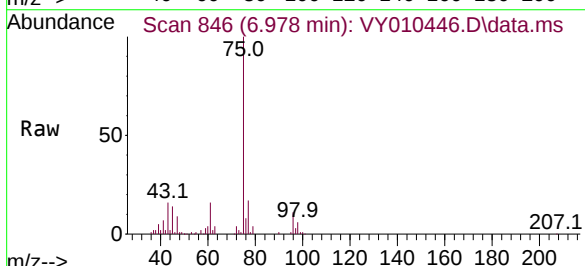
Acq: 12 Sep 2022 14:37

Tgt Ion: 77 Resp: 12786

Ion Ratio Lower Upper

77 100

97 18.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 2.613 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL02 2.5PPB

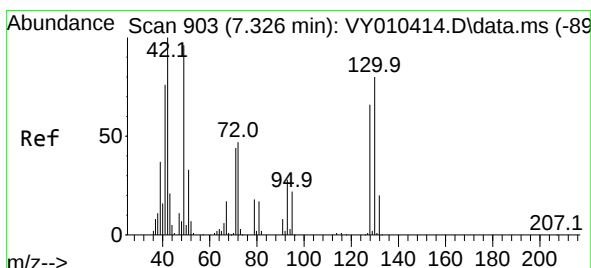
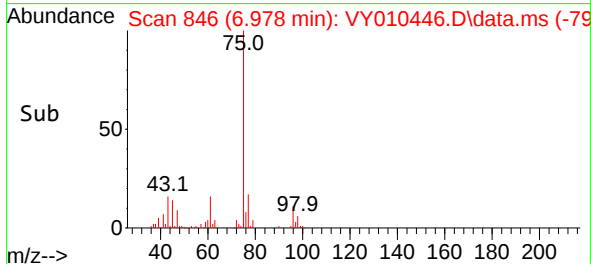
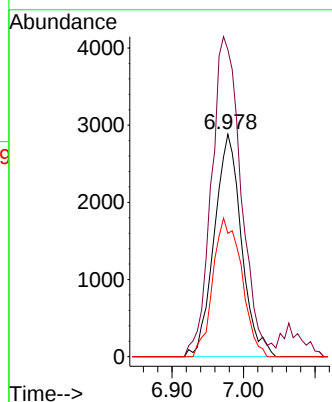
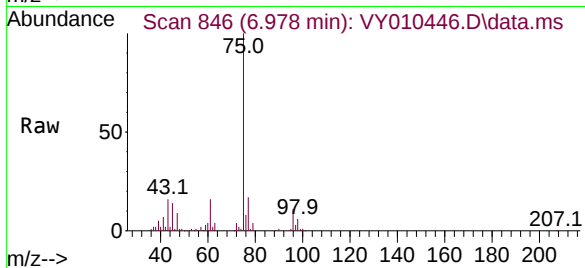
Tgt Ion: 96 Resp: 7627

Ion Ratio Lower Upper

96 100

61 157.2 0.0 319.8

98 65.6 0.0 127.0



#28

Bromochloromethane

Concen: 2.875 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

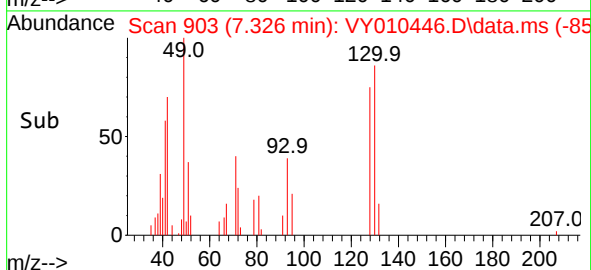
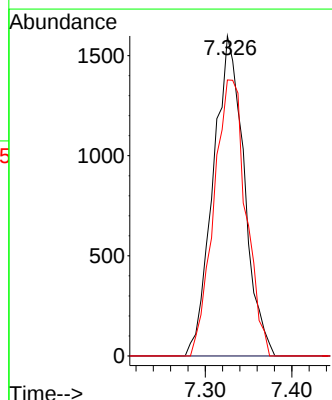
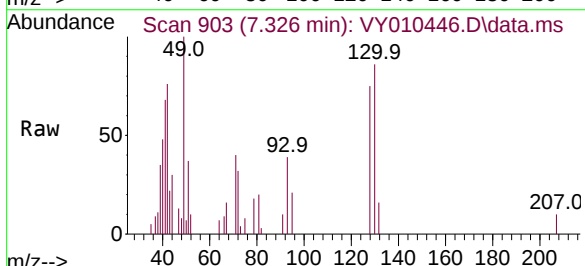
Tgt Ion: 49 Resp: 3968

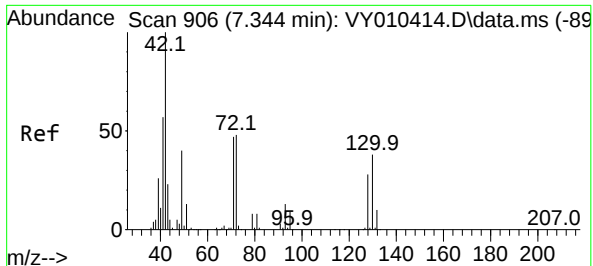
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

130 89.6 55.4 83.0#





#29

Tetrahydrofuran

Concen: 12.540 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL02 2.5PPB

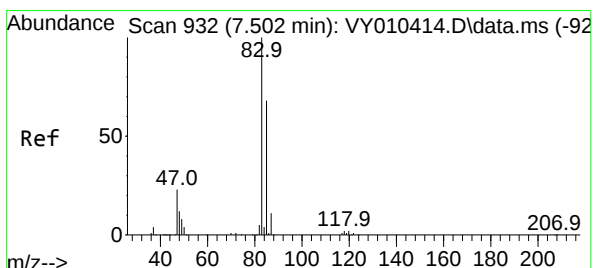
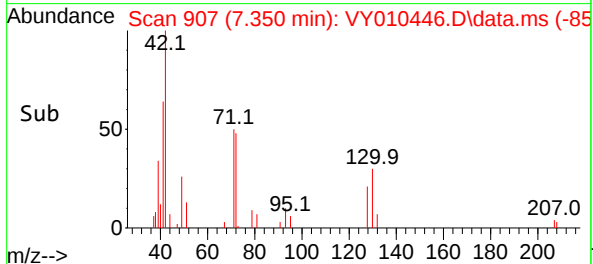
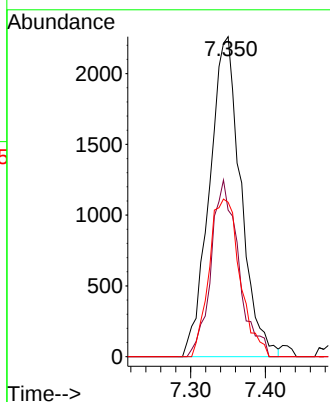
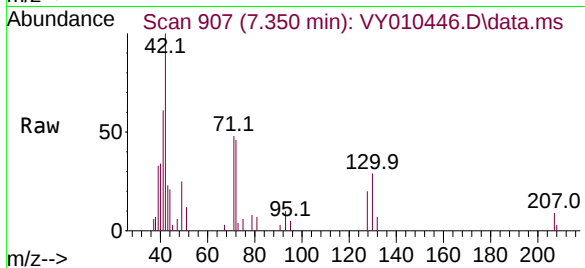
Tgt Ion: 42 Resp: 6592

Ion Ratio Lower Upper

42 100

72 48.5 30.3 45.5#

71 48.5 29.0 43.4#



#30

Chloroform

Concen: 2.664 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010446.D

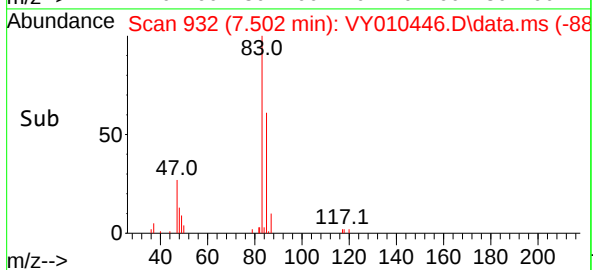
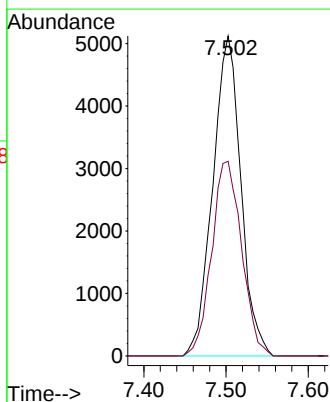
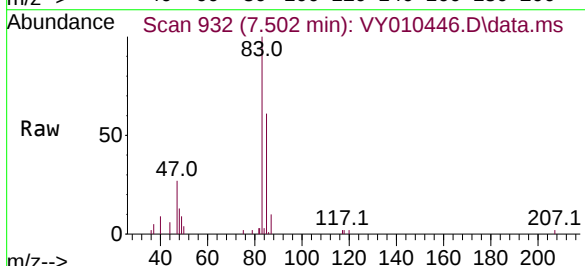
Acq: 12 Sep 2022 14:37

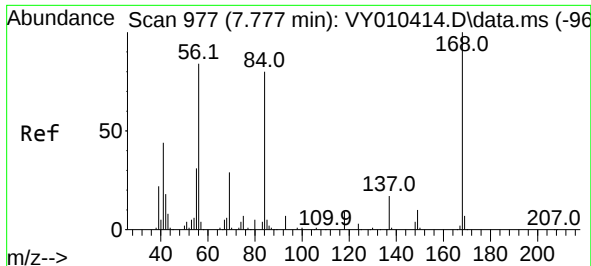
Tgt Ion: 83 Resp: 12161

Ion Ratio Lower Upper

83 100

85 60.8 51.8 77.6

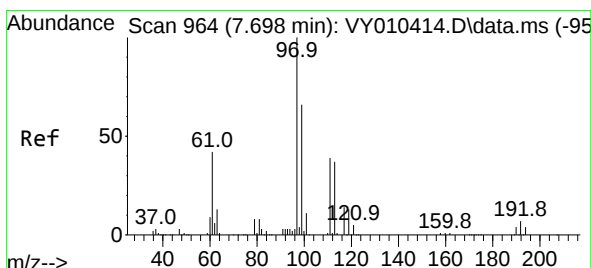
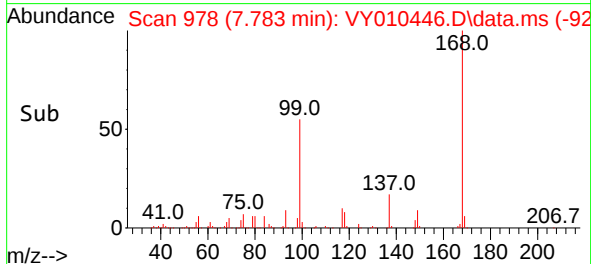
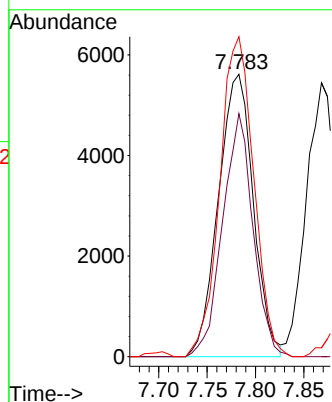
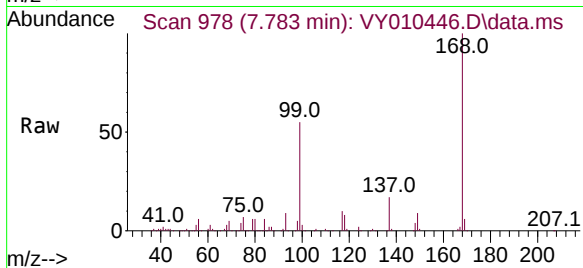




#31
Cyclohexane
Concen: 3.613 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

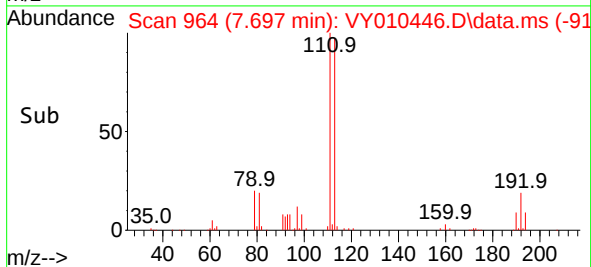
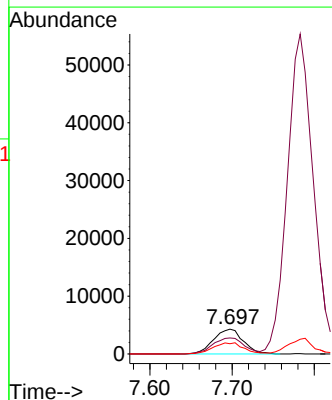
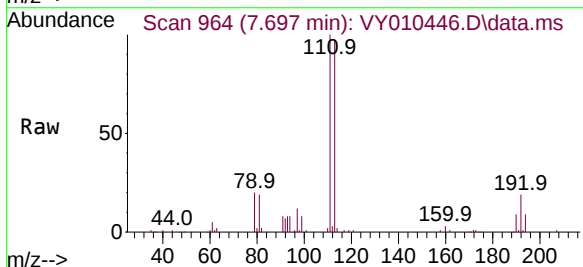
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

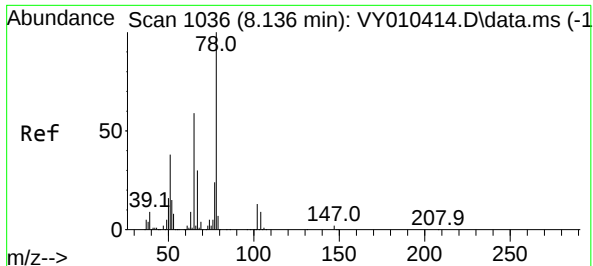
Tgt Ion: 56 Resp: 14096
Ion Ratio Lower Upper
56 100
69 86.1 26.7 40.1#
84 113.3 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 2.591 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.001 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 97 Resp: 10710
Ion Ratio Lower Upper
97 100
99 69.2 50.7 76.1
61 46.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 55.650 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

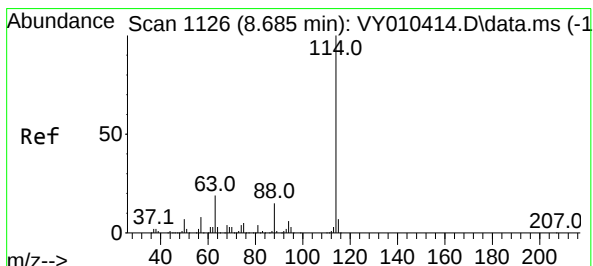
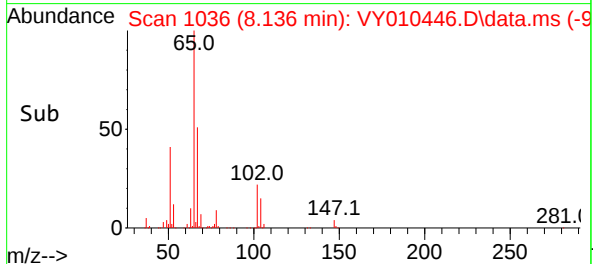
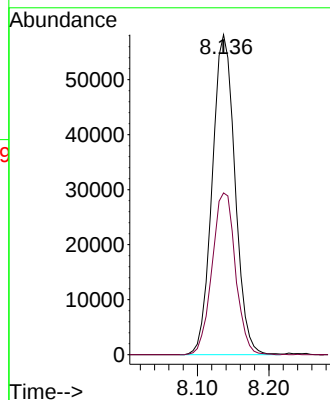
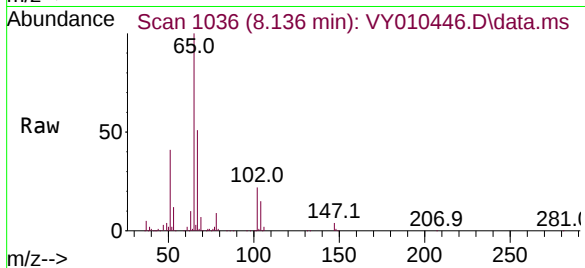
MDL02 2.5PPB

Tgt Ion: 65 Resp: 128524

Ion Ratio Lower Upper

65 100

67 51.9 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: VY010446.D

Acq: 12 Sep 2022 14:37

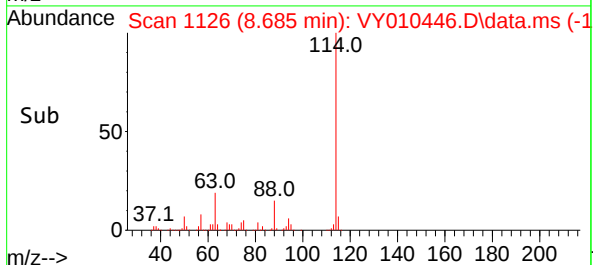
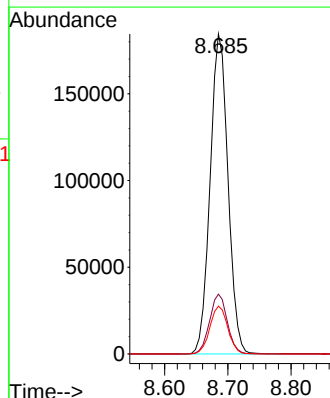
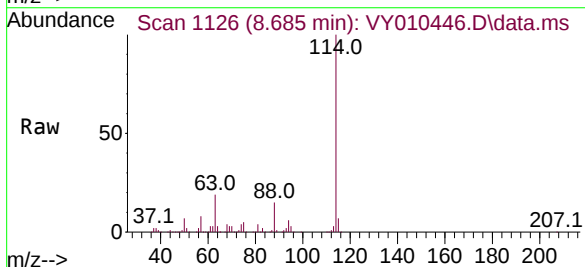
Tgt Ion: 114 Resp: 362213

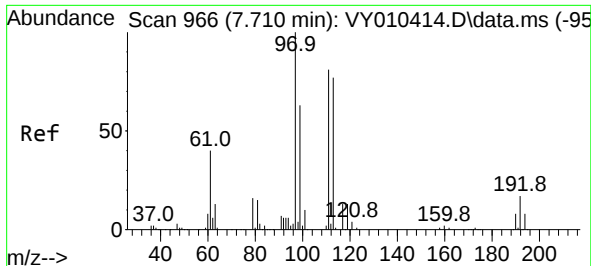
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.0 0.0 31.8

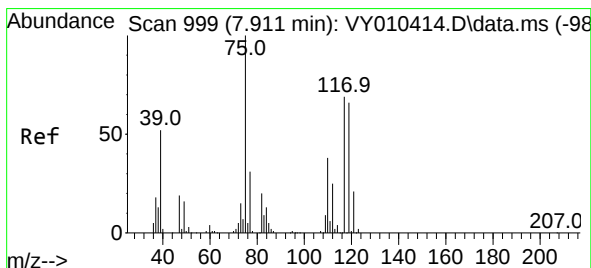
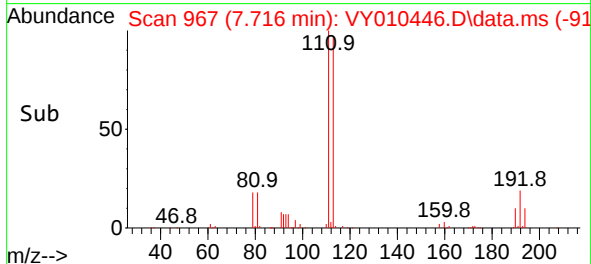
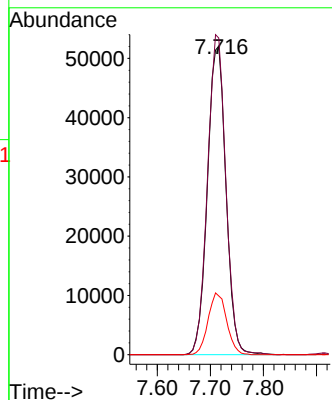
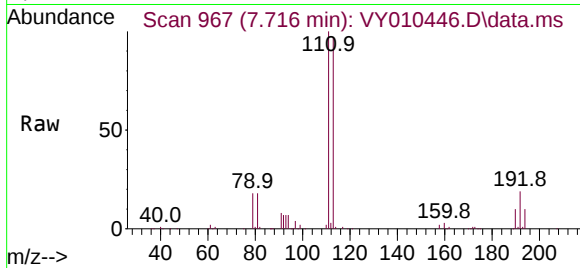




#35
Dibromofluoromethane
Concen: 49.230 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

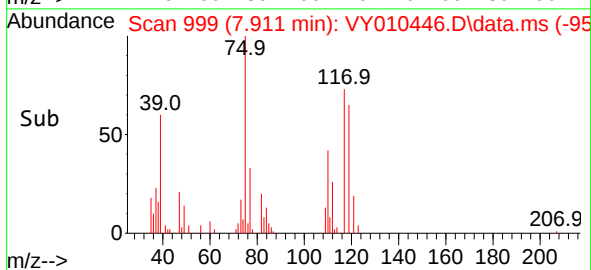
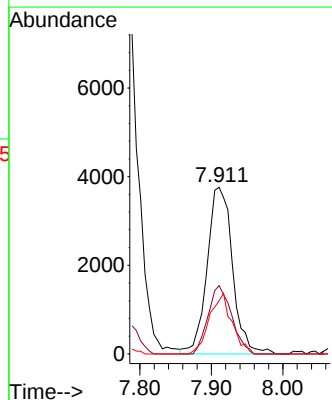
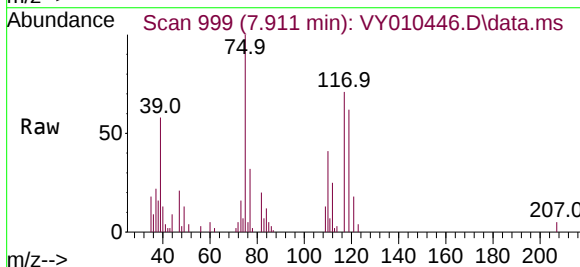
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

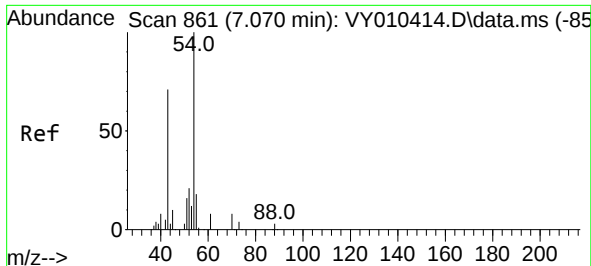
Tgt Ion:113 Resp: 126643
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 20.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 2.644 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 75 Resp: 9310
Ion Ratio Lower Upper
75 100
110 38.1 17.1 51.2
77 32.0 24.4 36.6

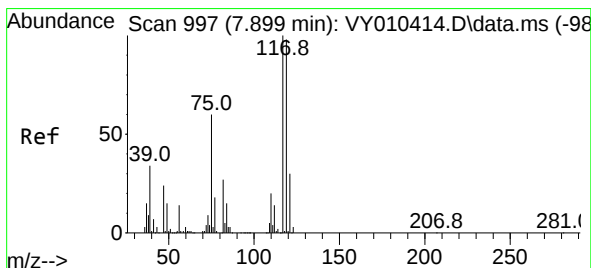
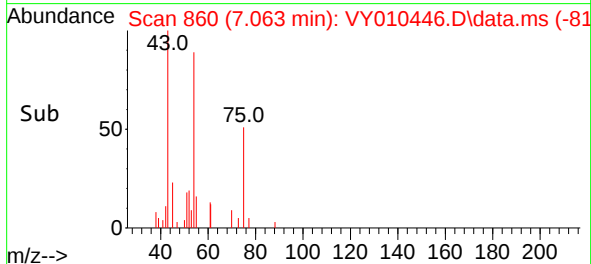
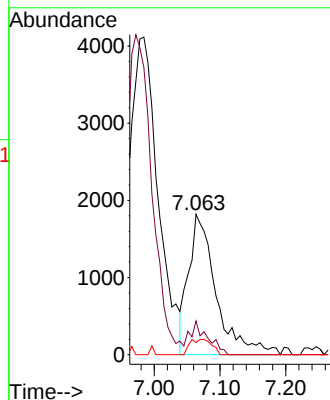
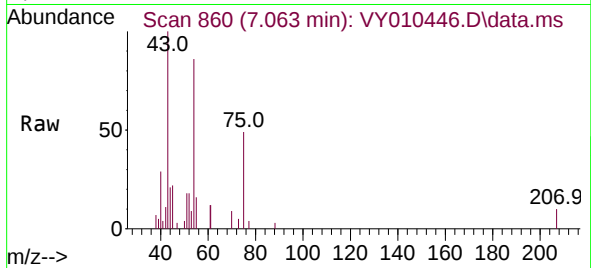




#37
Ethyl Acetate
Concen: 2.862 ug/l
RT: 7.063 min Scan# 860
Delta R.T. -0.007 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

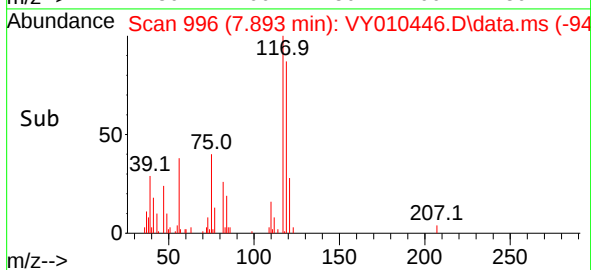
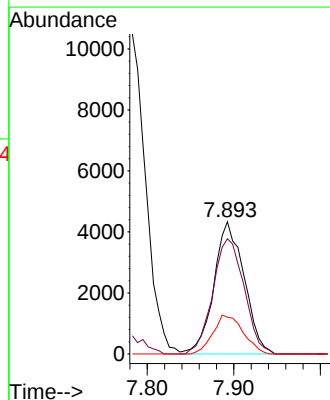
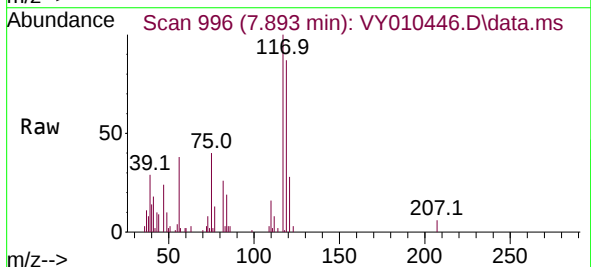
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

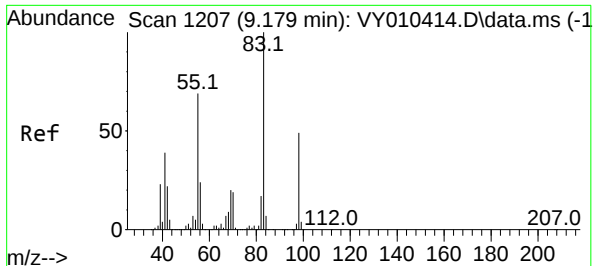
Tgt Ion: 43 Resp: 5299
Ion Ratio Lower Upper
43 100
61 15.3 9.7 14.5#
70 8.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 2.681 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 117 Resp: 10504
Ion Ratio Lower Upper
117 100
119 87.2 77.9 116.9
121 27.9 24.8 37.2





#39

Methylcyclohexane

Concen: 2.612 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL02 2.5PPB

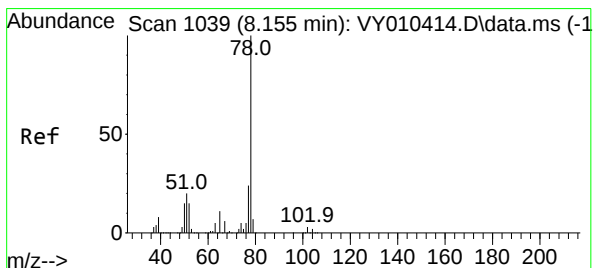
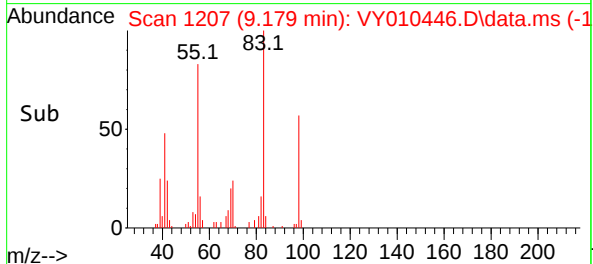
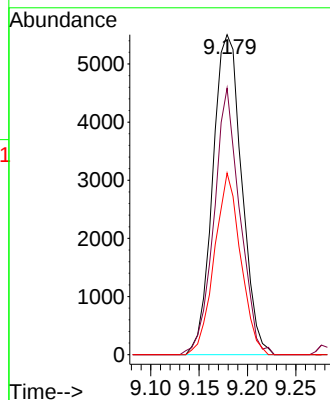
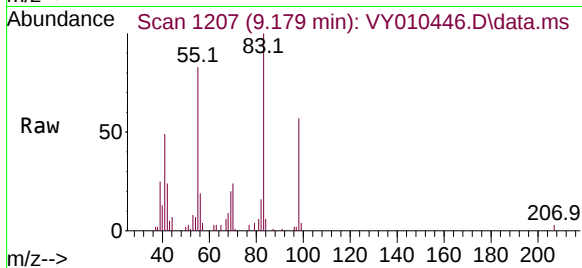
Tgt Ion: 83 Resp: 11469

Ion Ratio Lower Upper

83 100

55 83.3 66.5 99.7

98 56.8 37.9 56.9



#40

Benzene

Concen: 2.615 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010446.D

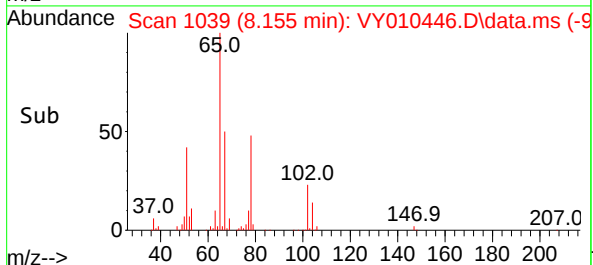
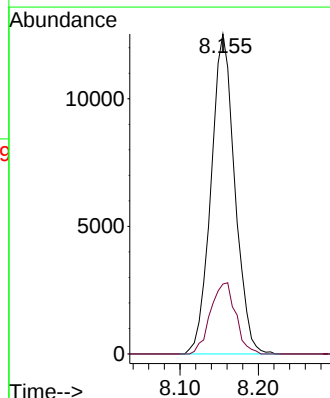
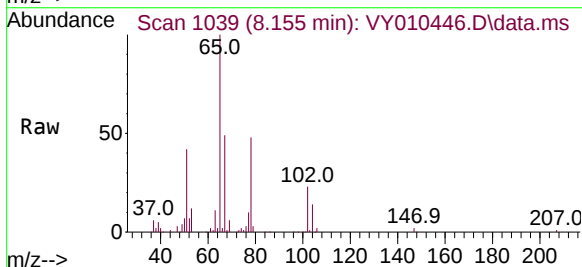
Acq: 12 Sep 2022 14:37

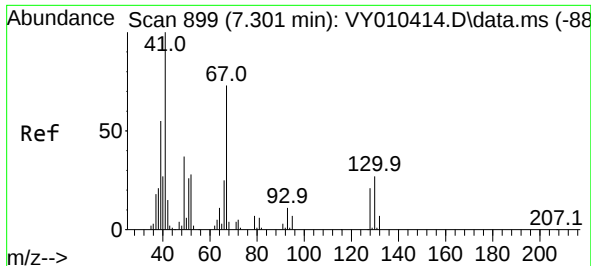
Tgt Ion: 78 Resp: 26512

Ion Ratio Lower Upper

78 100

77 21.9 20.4 30.6

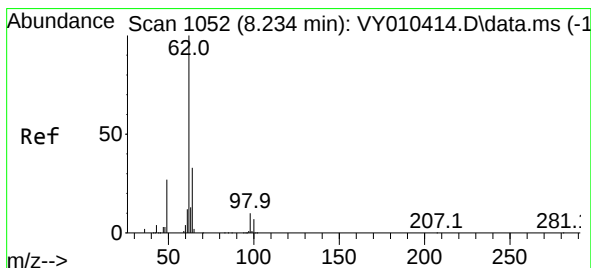
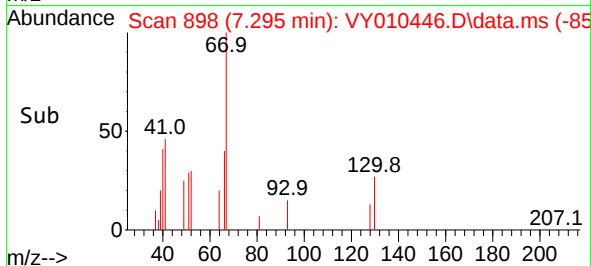
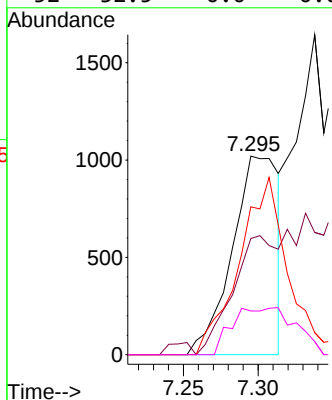
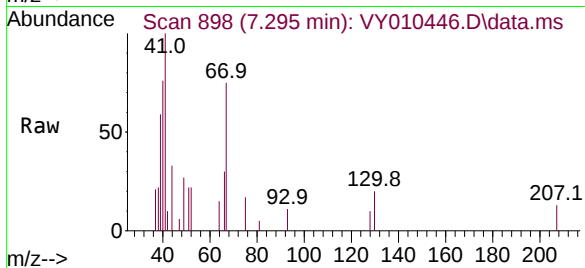




#41
Methacrylonitrile
Concen: 2.073 ug/l
RT: 7.295 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

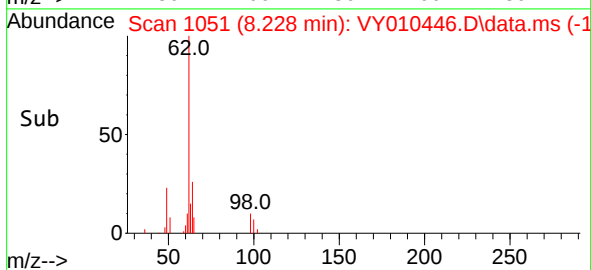
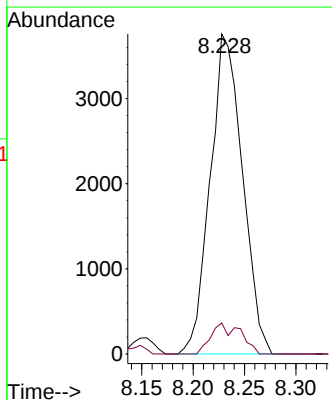
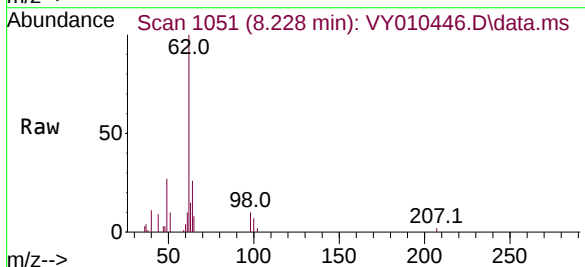
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

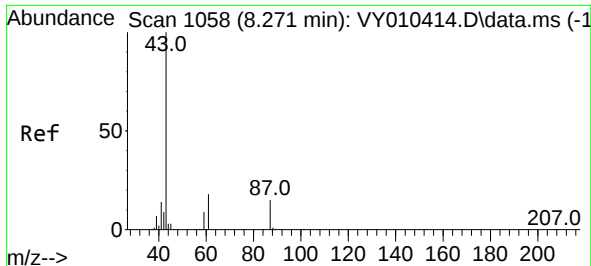
Tgt Ion:	41	Resp:	2194
Ion	Ratio	Lower	Upper
41	100		
39	58.5	92.9	139.3#
67	93.8	0.0	0.0#
52	32.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 2.718 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion:	62	Resp:	8195
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	14.8

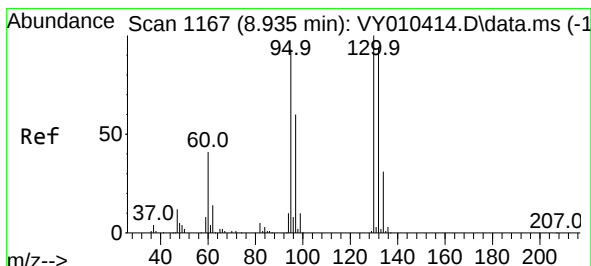
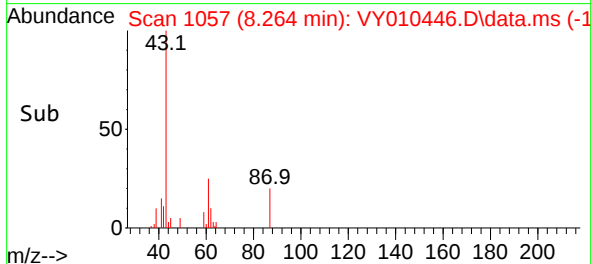
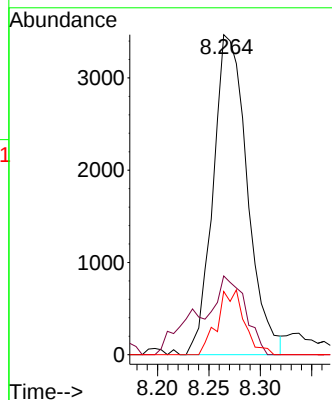
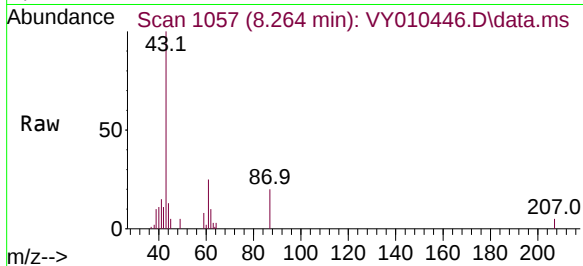




#43
Isopropyl Acetate
Concen: 2.361 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.007 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

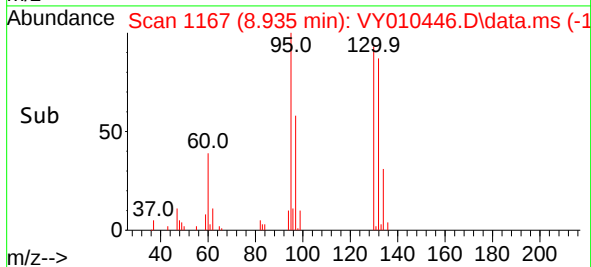
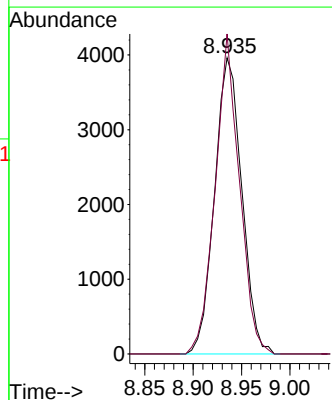
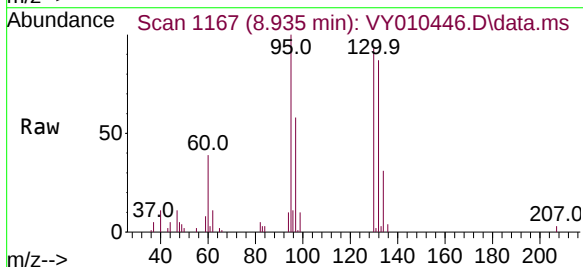
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

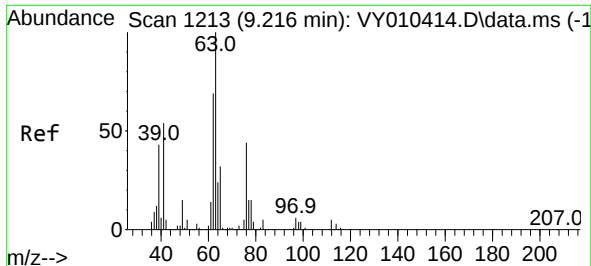
Tgt Ion: 43 Resp: 7998
Ion Ratio Lower Upper
43 100
61 21.9 20.2 30.2
87 16.1 8.9 13.3#



#44
Trichloroethene
Concen: 2.599 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion:130 Resp: 7756
Ion Ratio Lower Upper
130 100
95 108.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 2.692 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

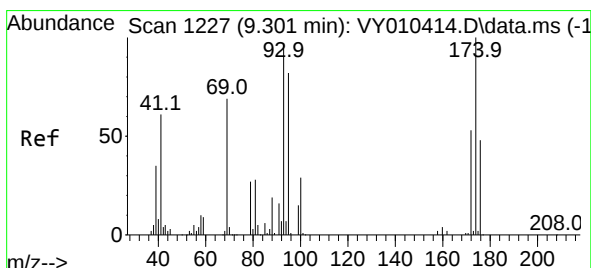
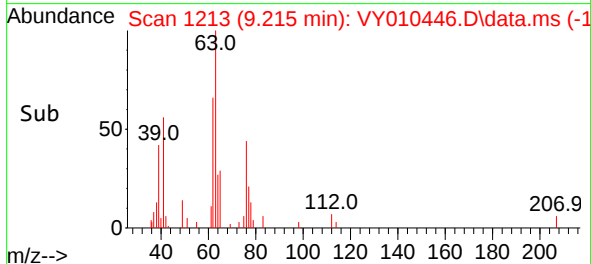
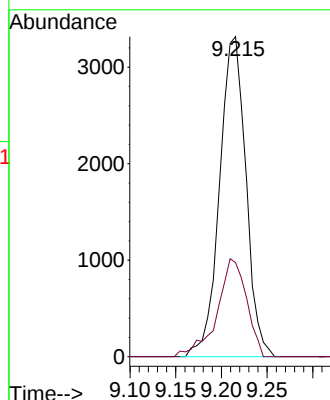
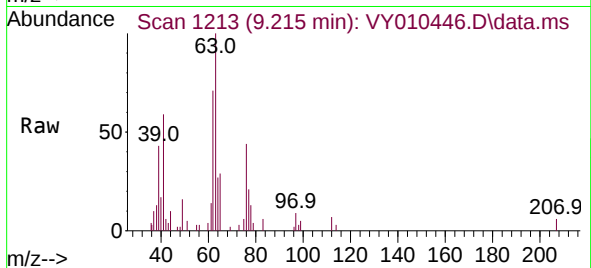
MDL02 2.5PPB

Tgt Ion: 63 Resp: 6655

Ion Ratio Lower Upper

63 100

65 29.4 23.0 34.6



#46

Dibromomethane

Concen: 2.516 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

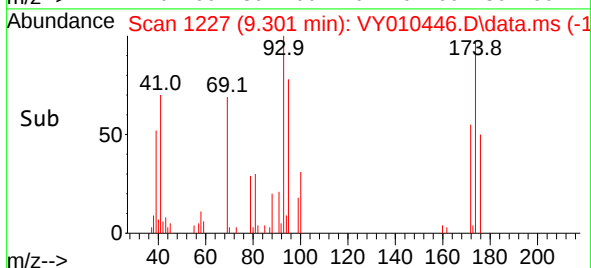
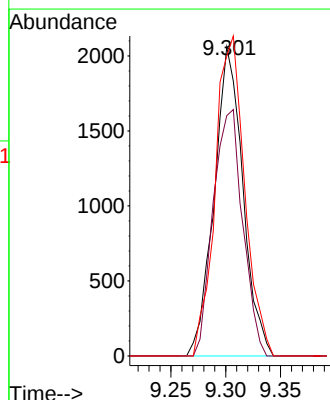
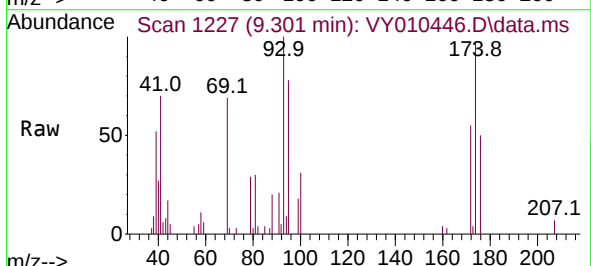
Tgt Ion: 93 Resp: 3751

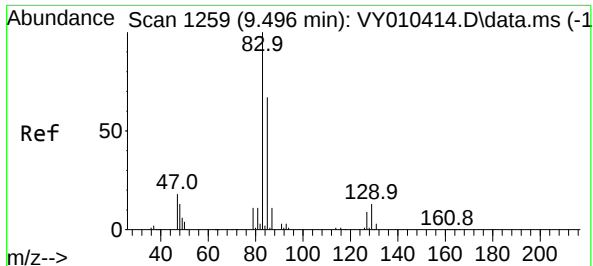
Ion Ratio Lower Upper

93 100

95 82.1 64.3 96.5

174 106.2 83.4 125.0





#47

Bromodichloromethane

Concen: 2.705 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

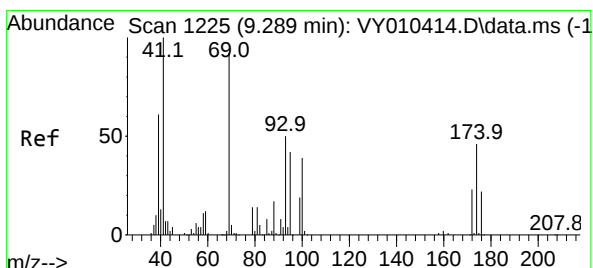
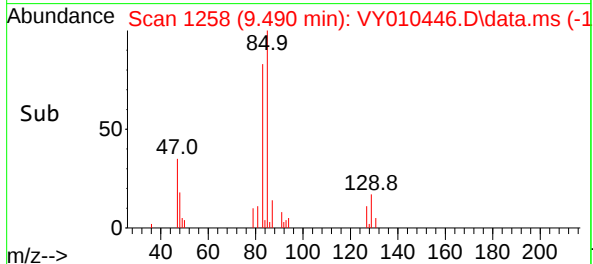
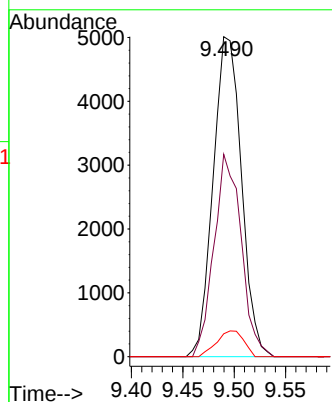
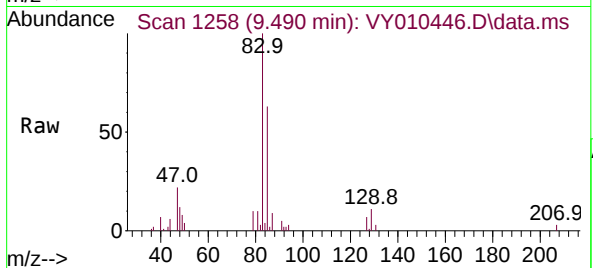
Instrument :

MSVOA_Y

ClientSampleId :

MDL02 2.5PPB

Tgt Ion:	83	Resp:	9580
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.9	77.9
127	7.2	6.6	10.0



#48

Methyl methacrylate

Concen: 2.210 ug/l

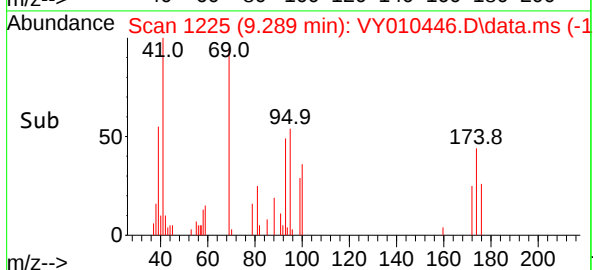
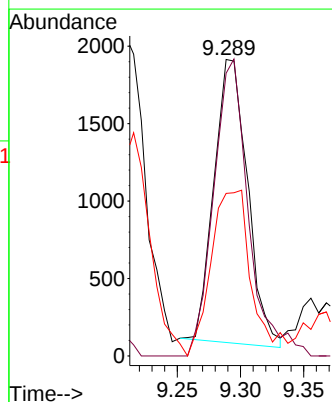
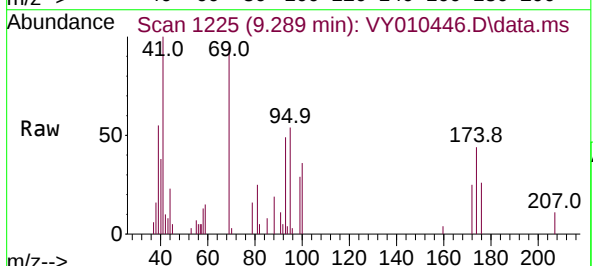
RT: 9.289 min Scan# 1225

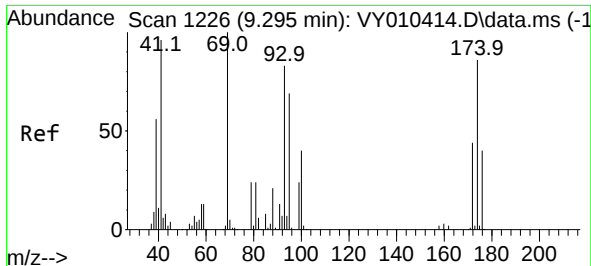
Delta R.T. -0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Tgt Ion:	41	Resp:	3363
Ion	Ratio	Lower	Upper
41	100		
69	109.3	58.2	87.2#
39	70.2	47.4	71.0





#49

1,4-Dioxane

Concen: 48.182 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL02 2.5PPB

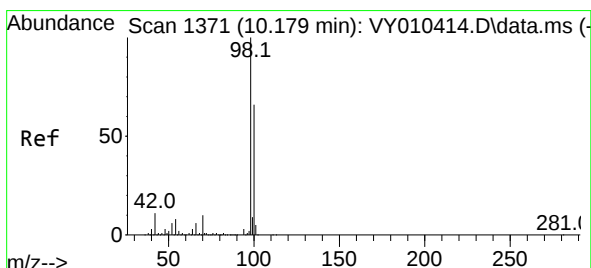
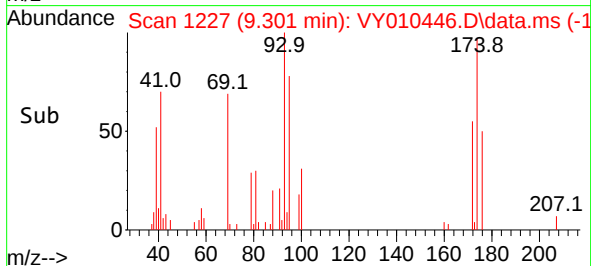
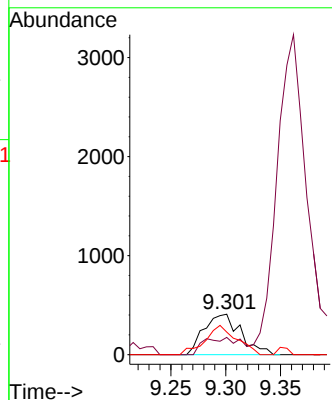
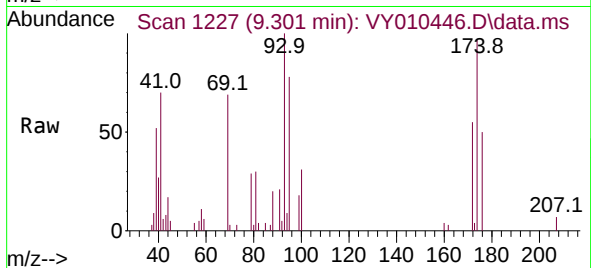
Tgt Ion: 88 Resp: 951

Ion Ratio Lower Upper

88 100

43 21.5 32.8 49.2#

58 61.6 59.8 89.6



#50

Toluene-d8

Concen: 56.132 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010446.D

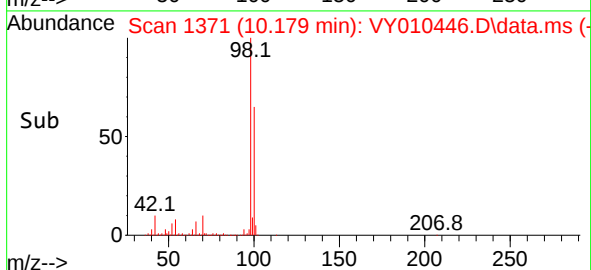
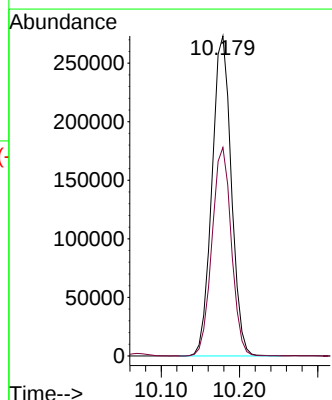
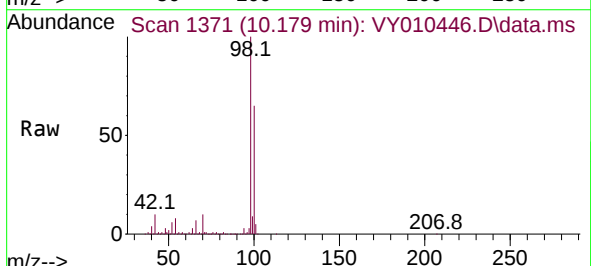
Acq: 12 Sep 2022 14:37

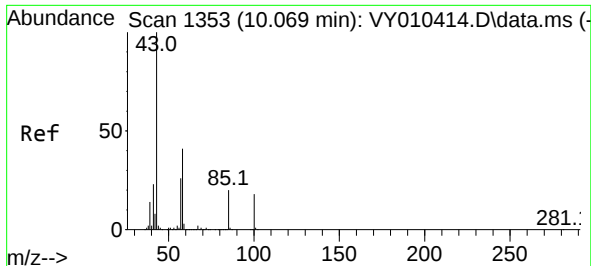
Tgt Ion: 98 Resp: 467985

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2

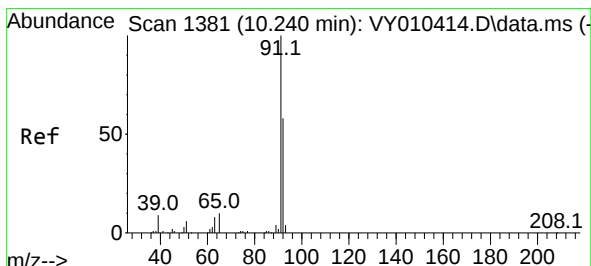
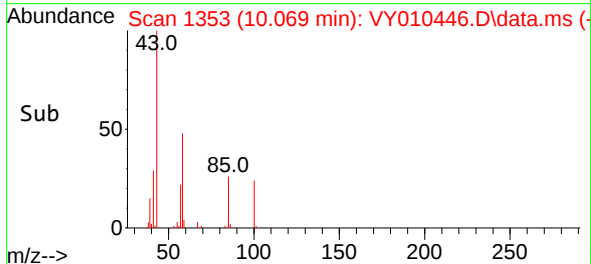
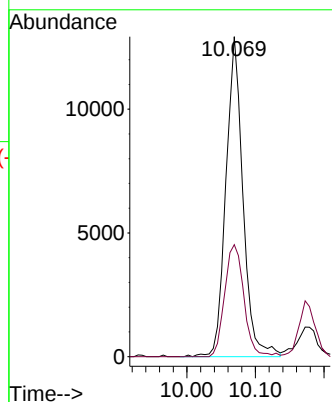
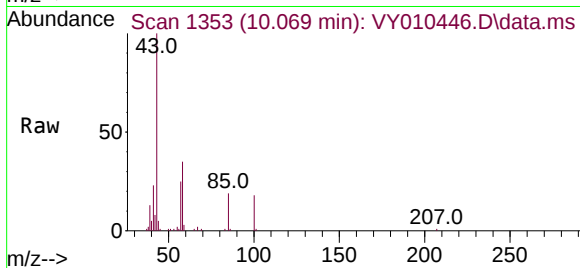




#51
4-Methyl-2-Pentanone
Concen: 12.000 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

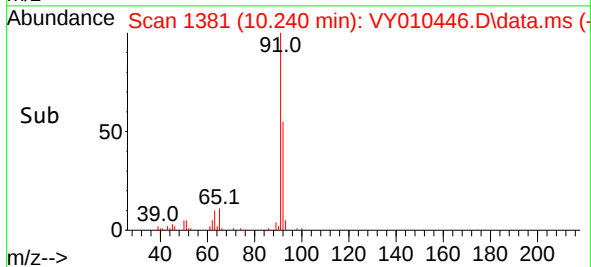
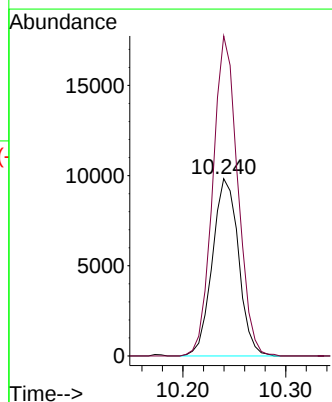
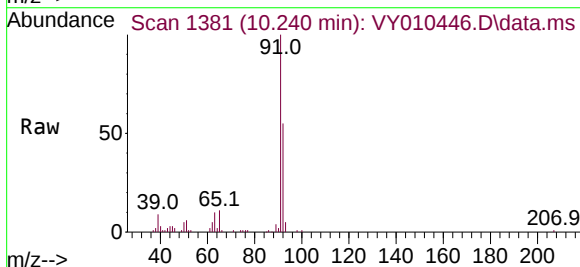
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

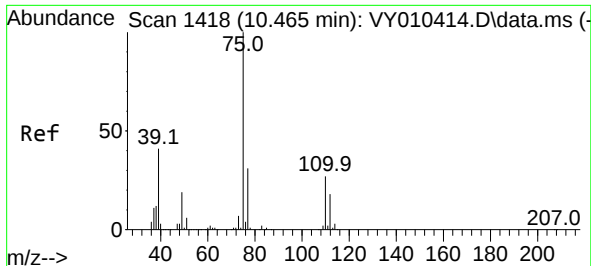
Tgt Ion: 43 Resp: 22300
Ion Ratio Lower Upper
43 100
58 39.6 28.1 42.1



#52
Toluene
Concen: 2.622 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 92 Resp: 17395
Ion Ratio Lower Upper
92 100
91 172.1 142.6 213.8

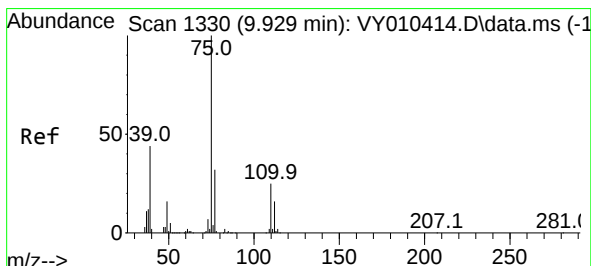
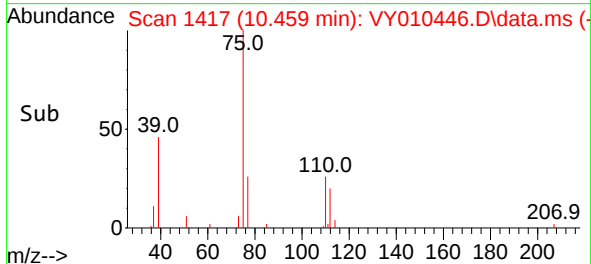
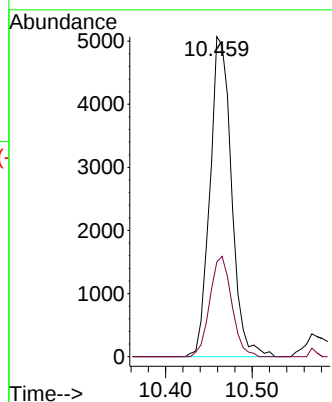
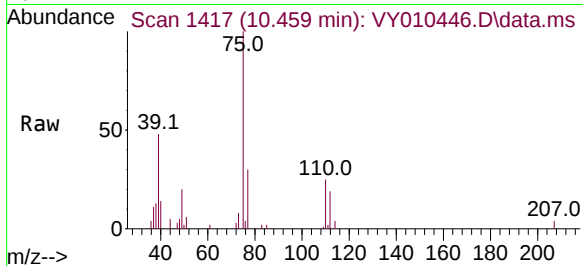




#53
t-1,3-Dichloropropene
Concen: 2.407 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

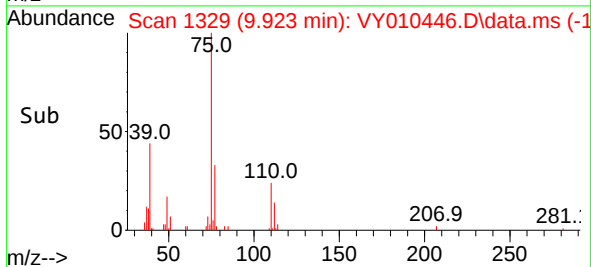
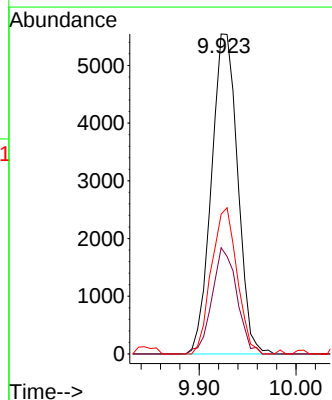
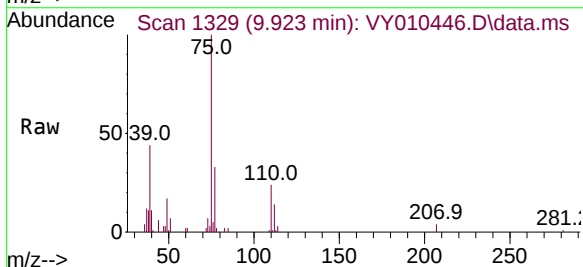
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

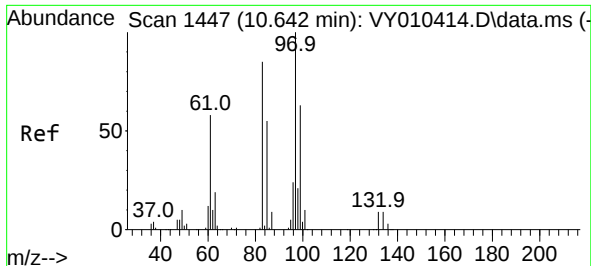
Tgt Ion: 75 Resp: 8773
Ion Ratio Lower Upper
75 100
77 29.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 2.539 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 75 Resp: 10439
Ion Ratio Lower Upper
75 100
77 33.2 25.6 38.4
39 43.7 47.6 71.4#

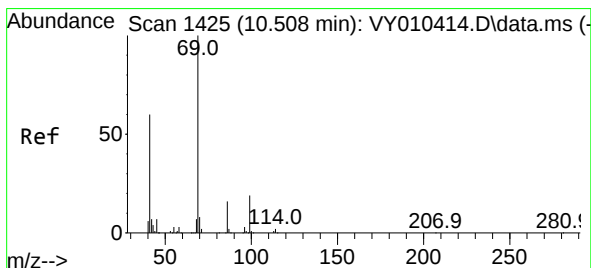
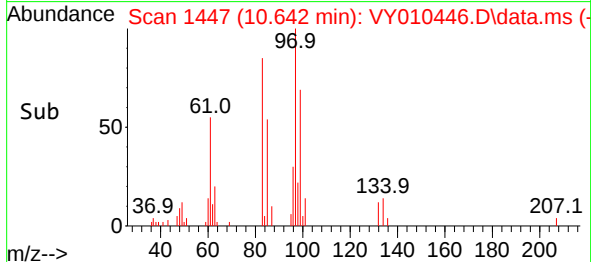
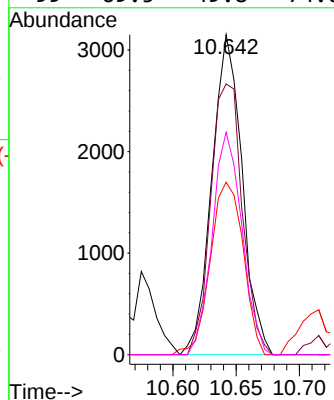
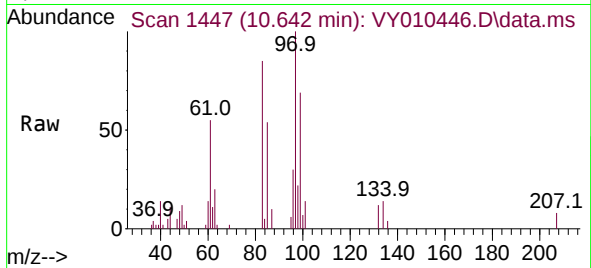




#55
1,1,2-Trichloroethane
Concen: 2.473 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

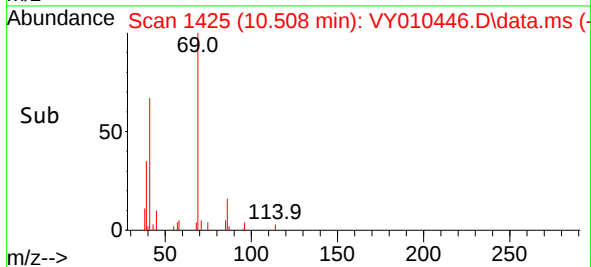
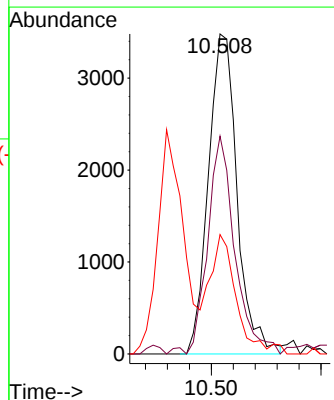
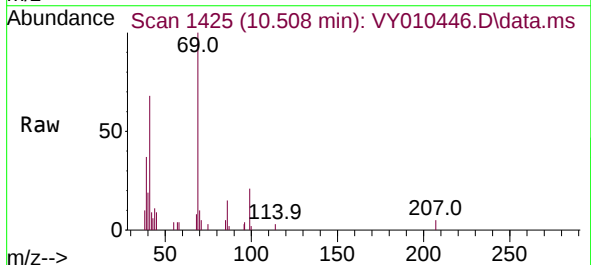
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

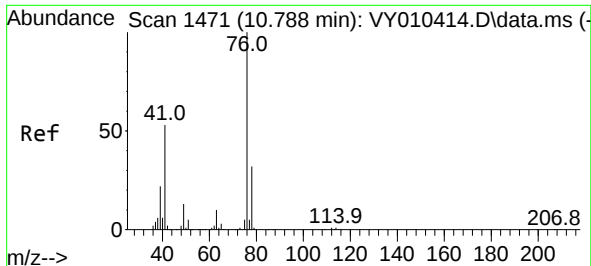
Tgt Ion:	97	Resp:	5246
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.8	104.8
85	53.9	44.3	66.5
99	69.5	49.8	74.6



#56
Ethyl methacrylate
Concen: 2.273 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion:	69	Resp:	6330
Ion	Ratio	Lower	Upper
69	100		
41	64.6	63.4	95.0
39	34.7	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 2.677 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

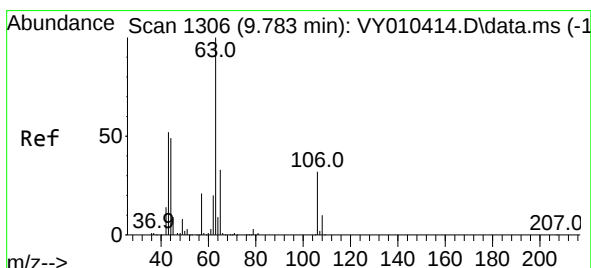
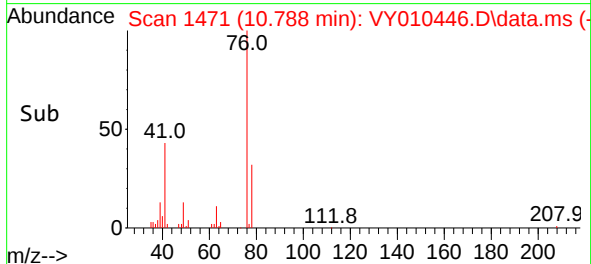
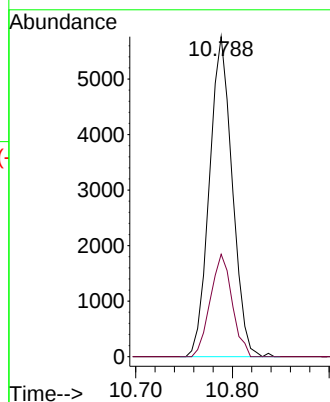
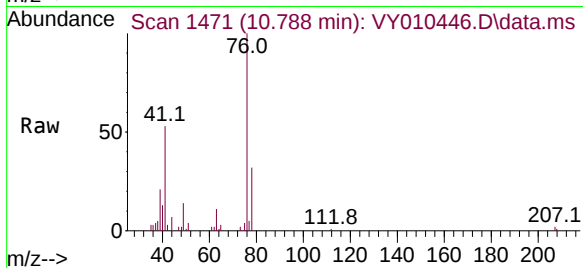
MDL02 2.5PPB

Tgt Ion: 76 Resp: 9442

Ion Ratio Lower Upper

76 100

78 30.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 16.870 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY010446.D

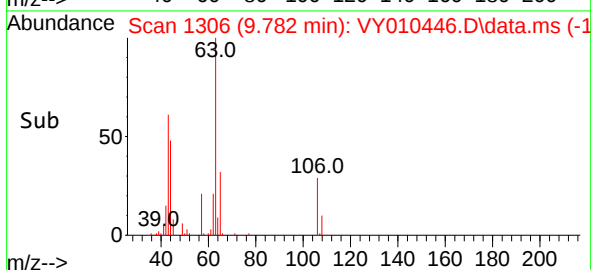
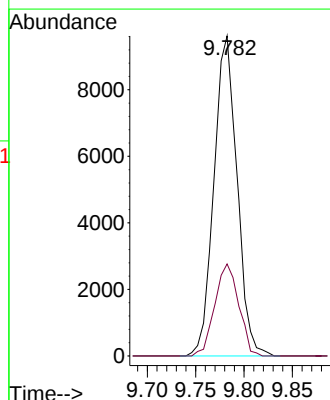
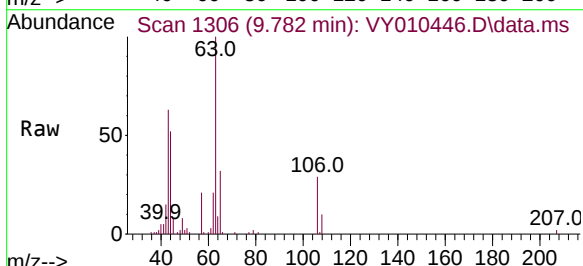
Acq: 12 Sep 2022 14:37

Tgt Ion: 63 Resp: 15986

Ion Ratio Lower Upper

63 100

106 29.8 21.5 32.3

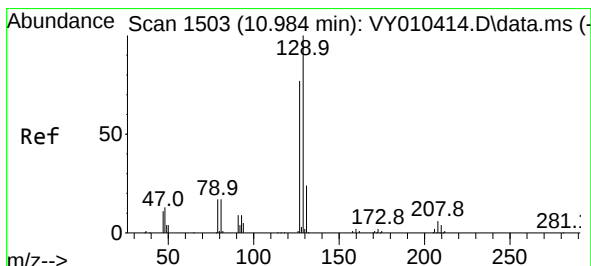
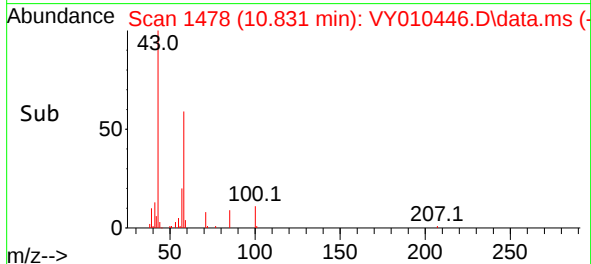
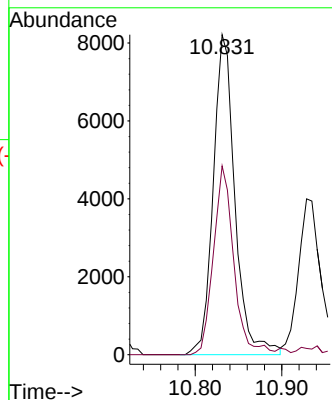
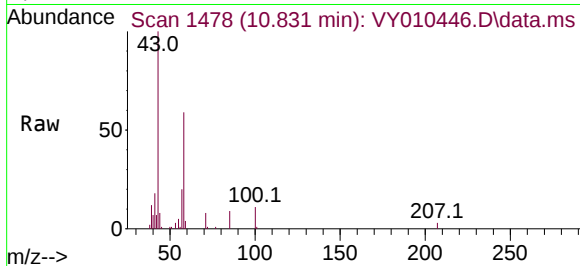




#59
2-Hexanone
Concen: 11.265 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

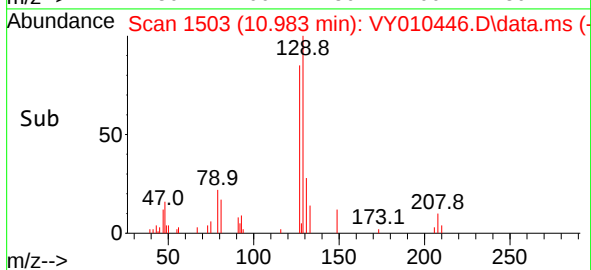
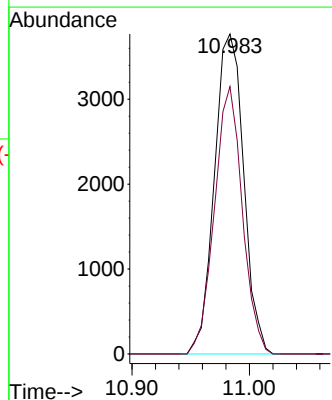
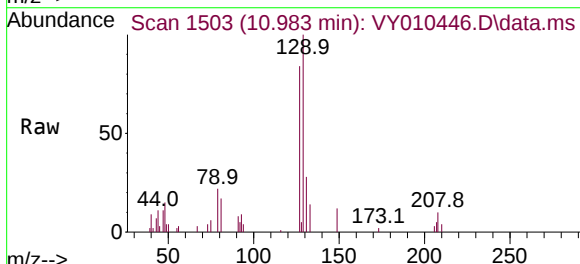
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

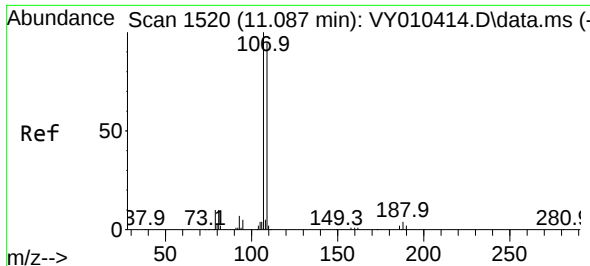
Tgt Ion: 43 Resp: 14270
Ion Ratio Lower Upper
43 100
58 55.6 24.4 73.4



#60
Dibromochloromethane
Concen: 2.516 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 129 Resp: 6520
Ion Ratio Lower Upper
129 100
127 79.6 38.7 116.1

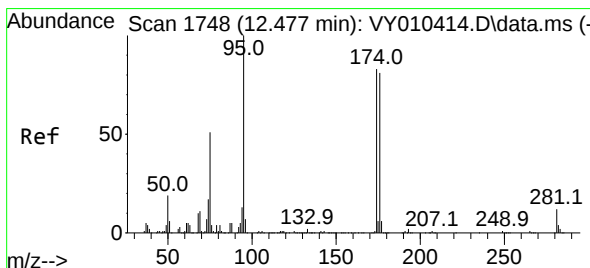
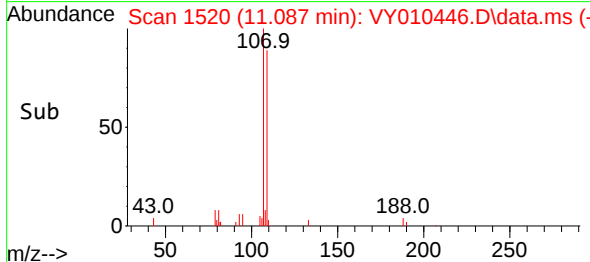
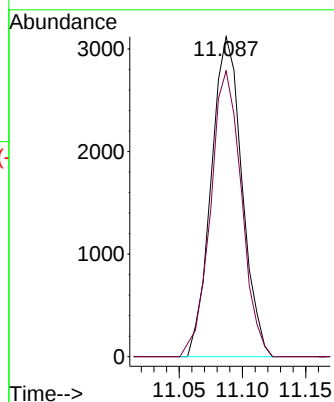
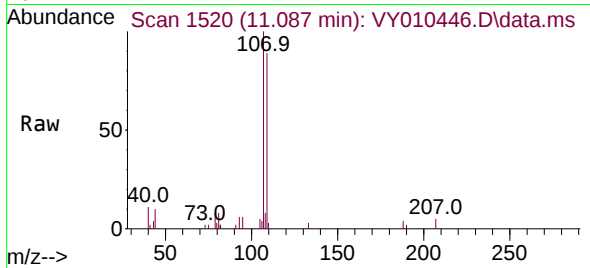




#61
1,2-Dibromoethane
Concen: 2.564 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

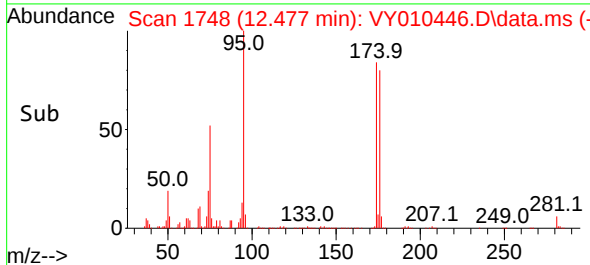
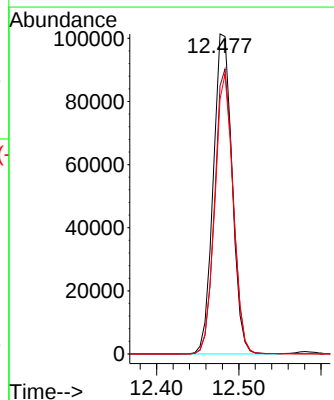
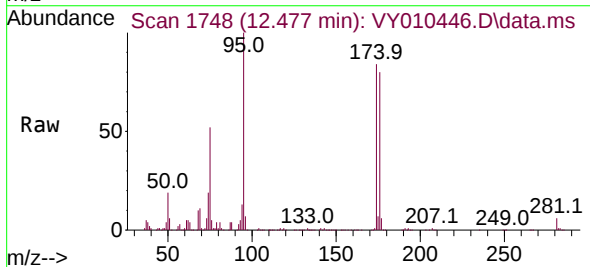
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

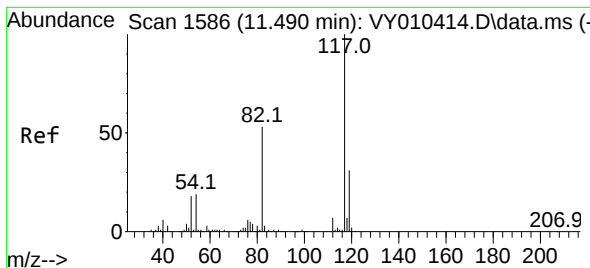
Tgt Ion:107 Resp: 5280
Ion Ratio Lower Upper
107 100
109 89.6 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 42.115 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 95 Resp: 161125
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 85.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL02 2.5PPB

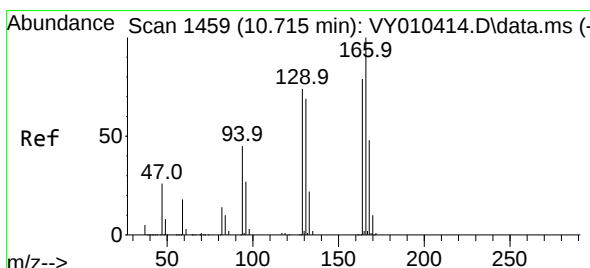
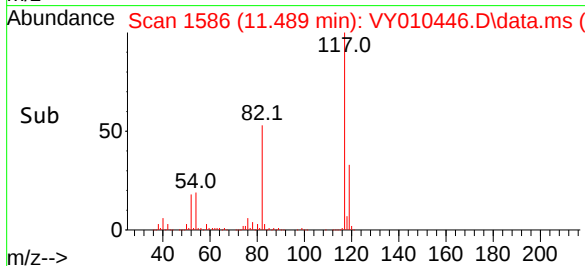
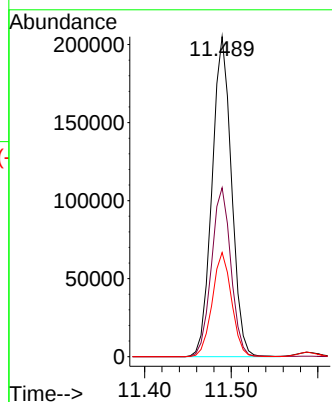
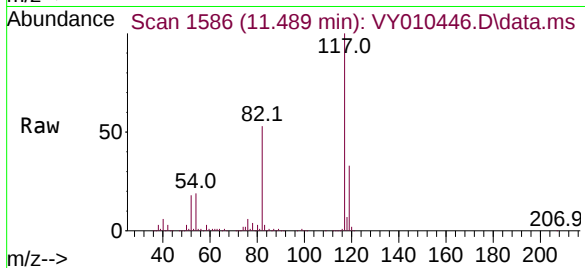
Tgt Ion:117 Resp: 319605

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.4

119 32.6 25.4 38.0



#64

Tetrachloroethene

Concen: 2.798 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Tgt Ion:164 Resp: 8061

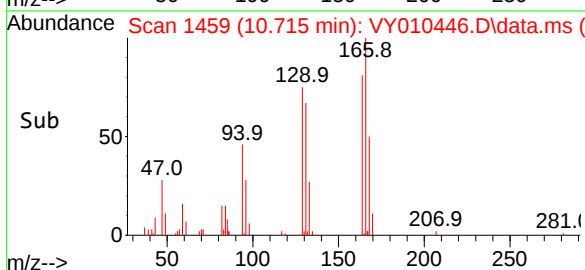
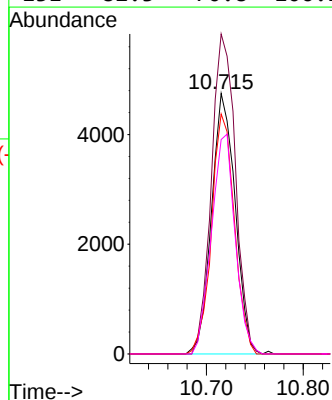
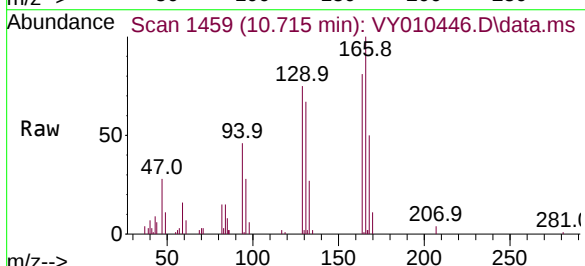
Ion Ratio Lower Upper

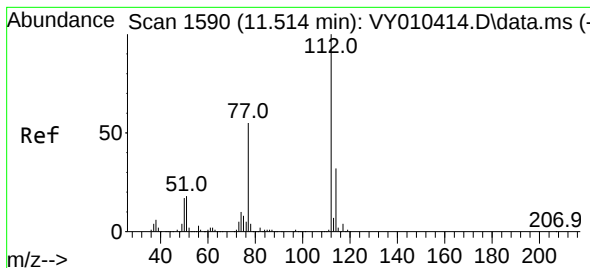
164 100

166 122.8 100.4 150.6

129 92.1 71.4 107.0

131 82.3 70.8 106.2

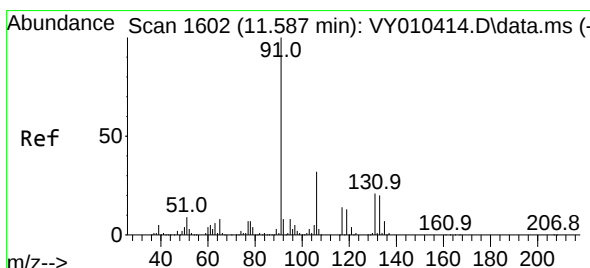
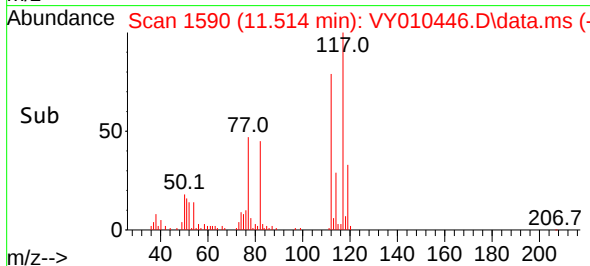
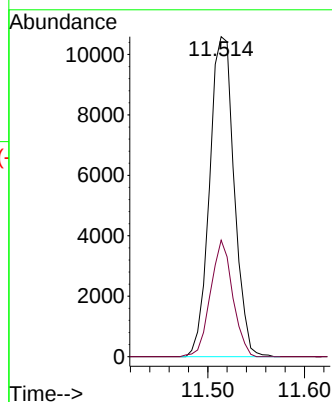
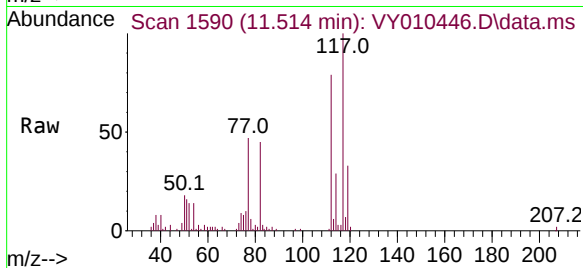




#65
Chlorobenzene
Concen: 2.613 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

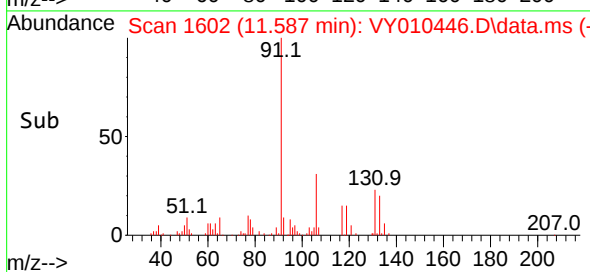
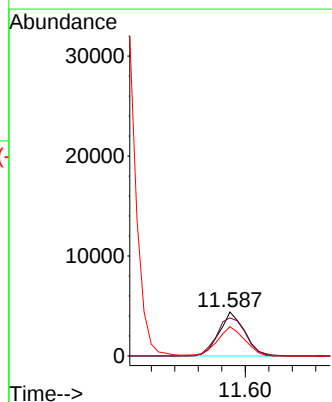
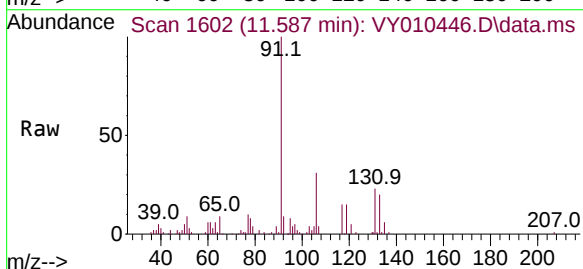
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

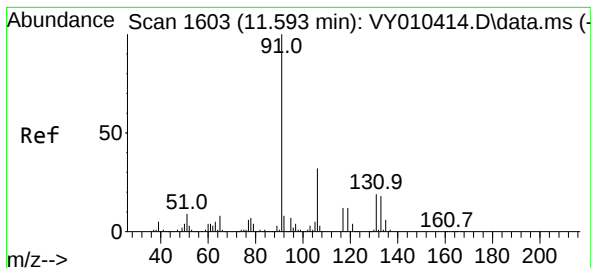
Tgt Ion:112 Resp: 18678
Ion Ratio Lower Upper
112 100
114 36.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.484 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion:131 Resp: 6575
Ion Ratio Lower Upper
131 100
133 101.2 47.9 143.6
119 71.8 30.8 92.3

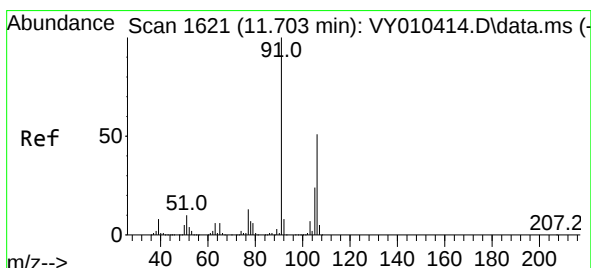
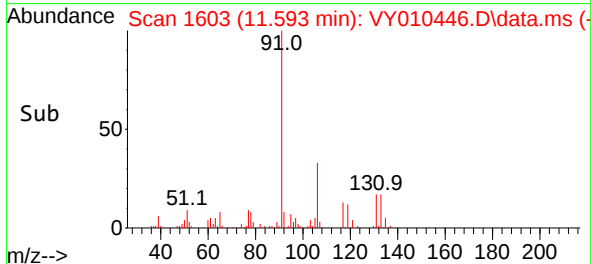
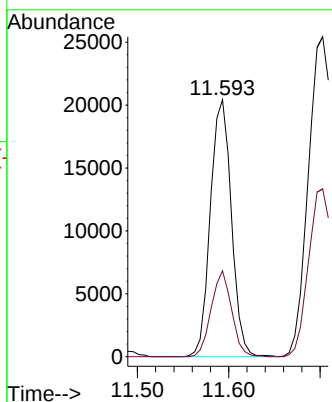
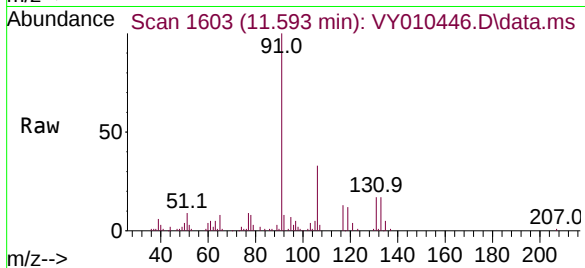




#67
Ethyl Benzene
Concen: 2.578 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

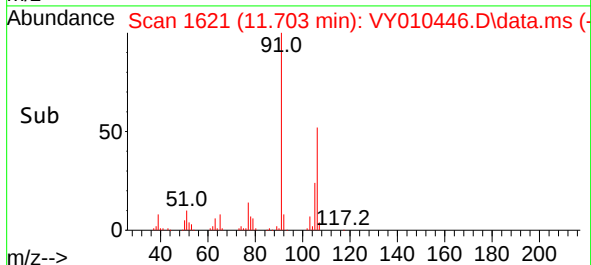
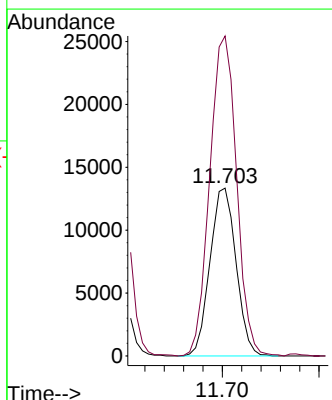
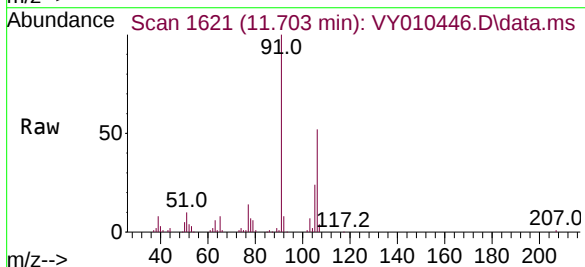
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

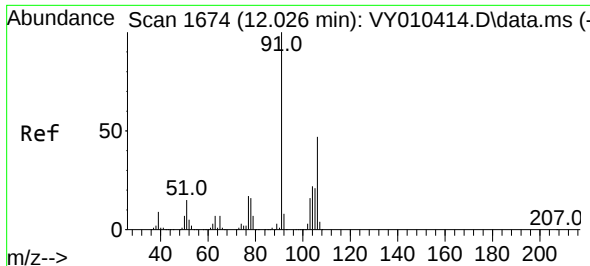
Tgt Ion: 91 Resp: 32617
Ion Ratio Lower Upper
91 100
106 33.5 24.5 36.7



#68
m/p-Xylenes
Concen: 5.027 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 106 Resp: 24966
Ion Ratio Lower Upper
106 100
91 196.3 166.6 249.8

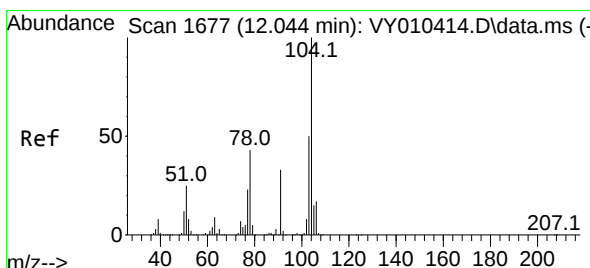
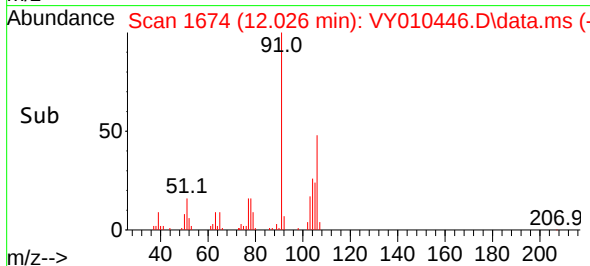
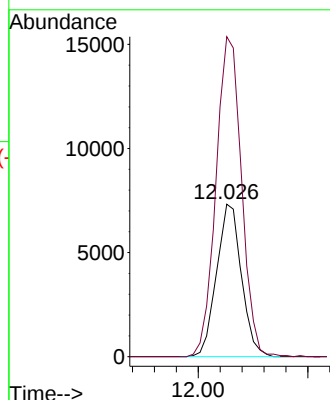
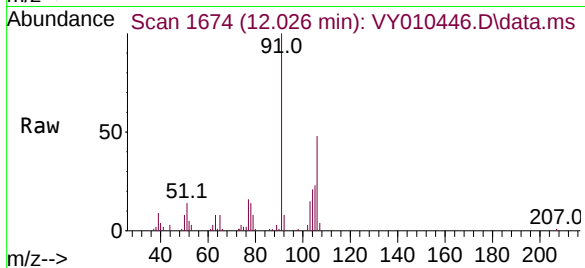




#69
o-Xylene
Concen: 2.432 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

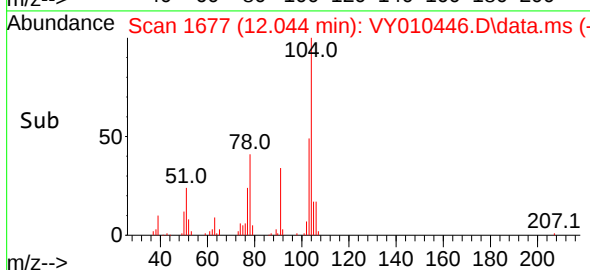
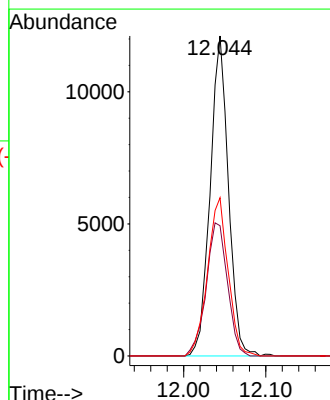
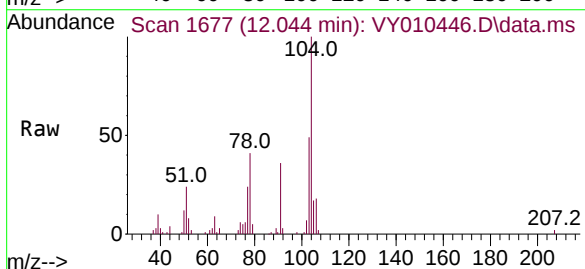
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

Tgt Ion:106 Resp: 11534
Ion Ratio Lower Upper
106 100
91 216.1 110.3 331.0



#70
Styrene
Concen: 2.331 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion:104 Resp: 18711
Ion Ratio Lower Upper
104 100
78 48.4 42.4 63.6
103 55.6 44.4 66.6





#71

Bromoform

Concen: 2.393 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

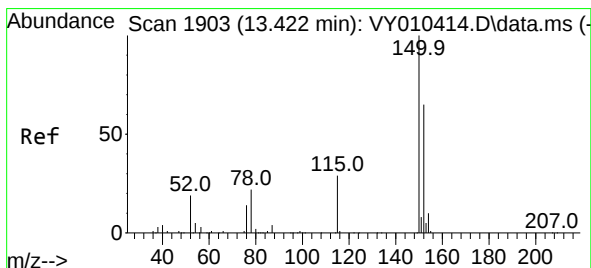
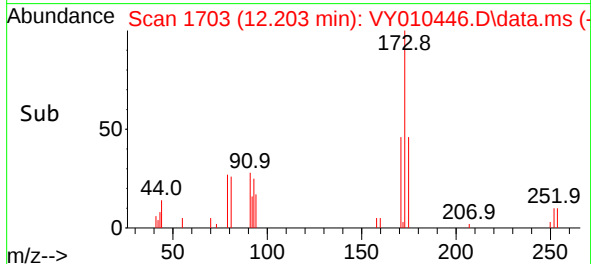
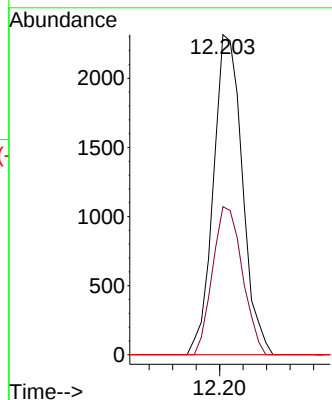
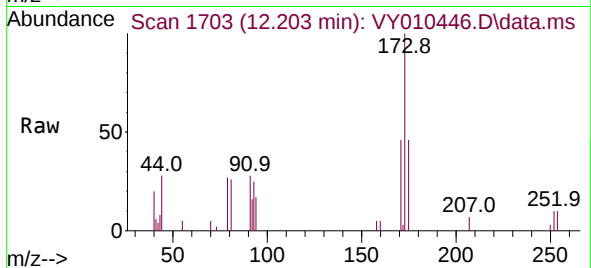
Instrument :

MSVOA_Y

ClientSampleId :

MDL02 2.5PPB

Tgt Ion:173	Resp:	3960
Ion Ratio	Lower	Upper
173	100	
175	47.6	24.6 74.0
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

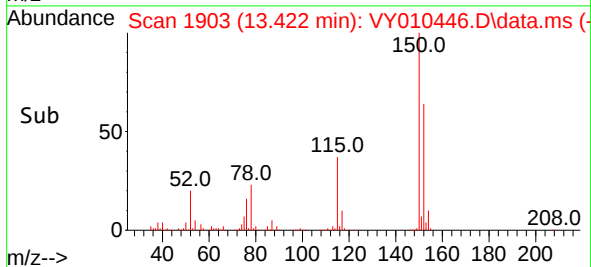
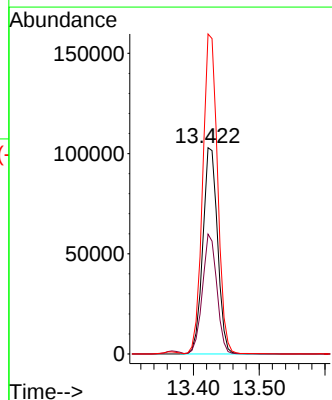
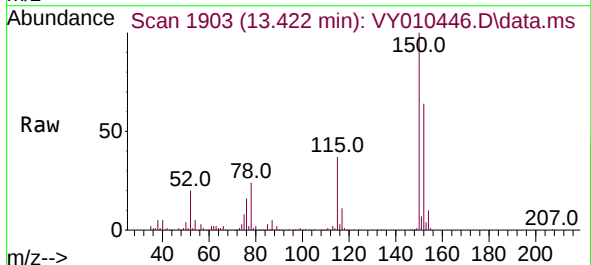
RT: 13.422 min Scan# 1903

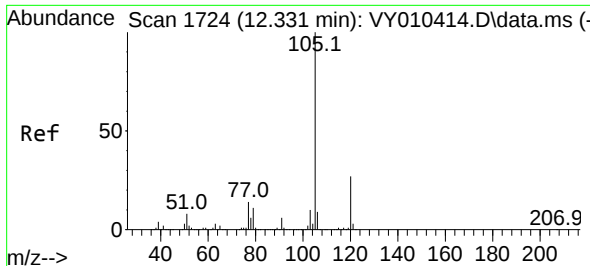
Delta R.T. 0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Tgt Ion:152	Resp:	159839
Ion Ratio	Lower	Upper
152	100	
115	57.0	28.2 84.7
150	157.3	0.0 347.6

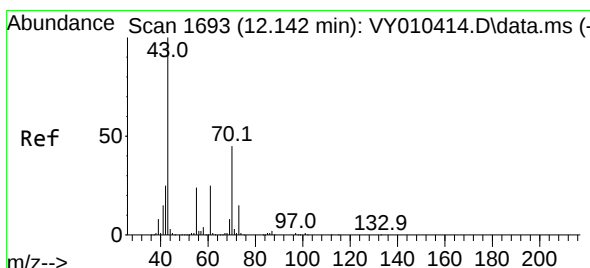
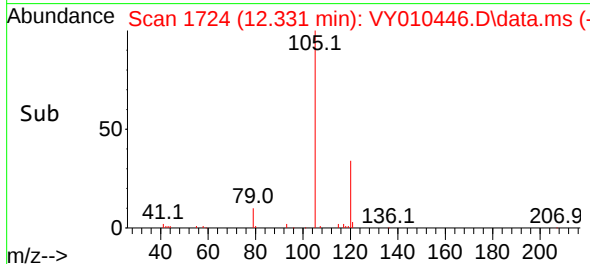
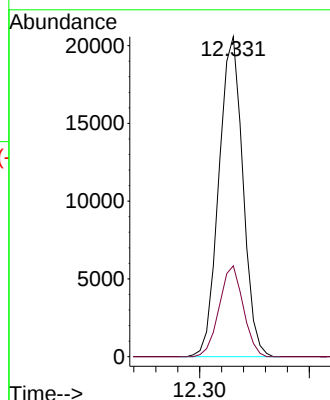
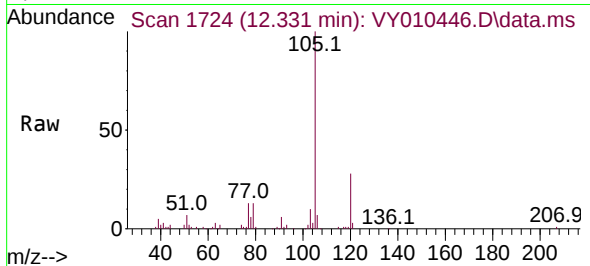




#73
Isopropylbenzene
Concen: 2.512 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

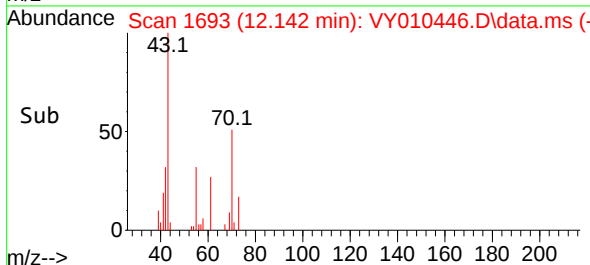
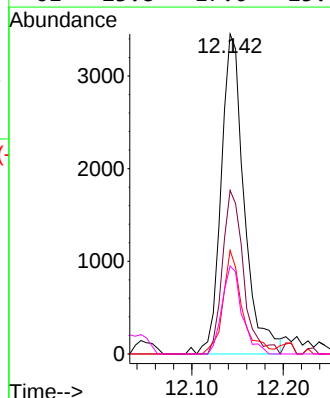
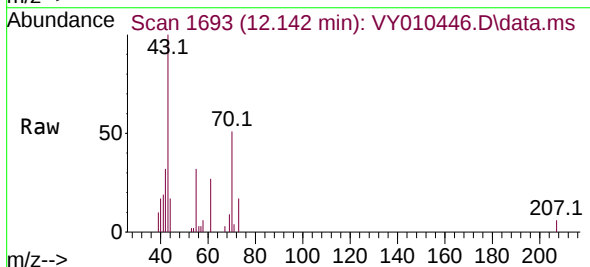
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

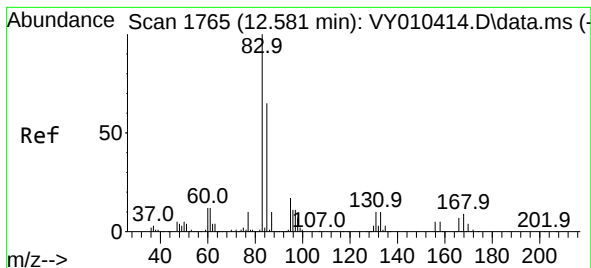
Tgt Ion:105 Resp: 31325
Ion Ratio Lower Upper
105 100
120 28.4 13.4 40.2



#74
N-ethyl acetate
Concen: 2.084 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 43 Resp: 6064
Ion Ratio Lower Upper
43 100
70 46.5 28.7 43.1#
55 27.0 17.3 25.9#
61 23.8 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 2.763 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL02 2.5PPB

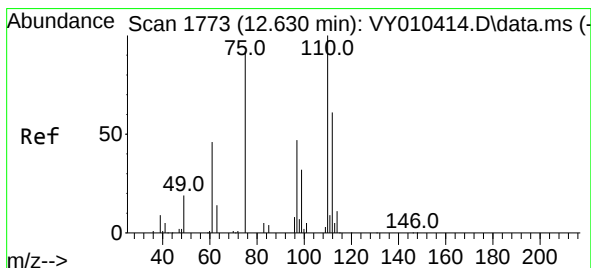
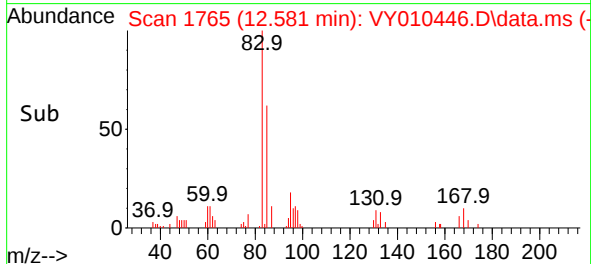
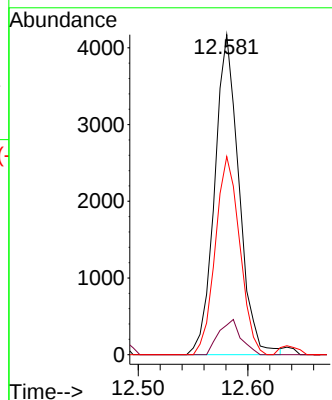
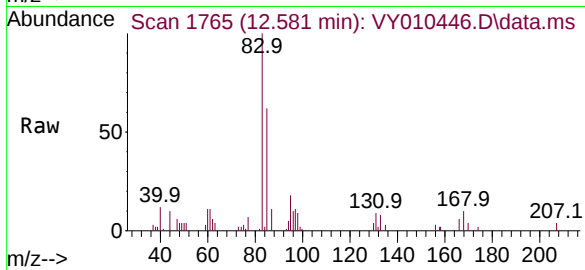
Tgt Ion: 83 Resp: 6446

Ion Ratio Lower Upper

83 100

131 9.9 5.6 16.8

85 62.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 4.707 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.001 min

Lab File: VY010446.D

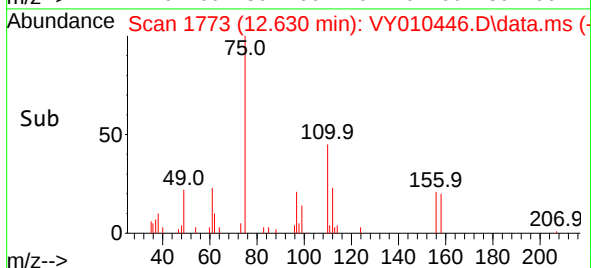
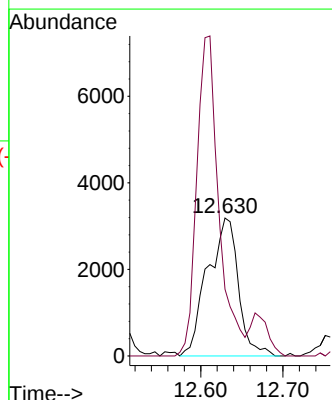
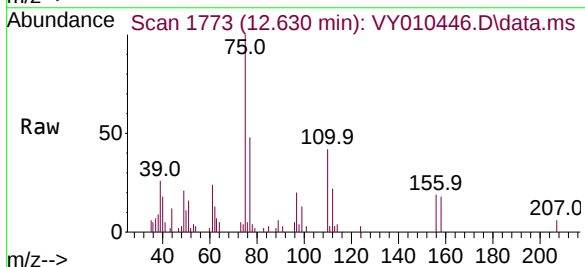
Acq: 12 Sep 2022 14:37

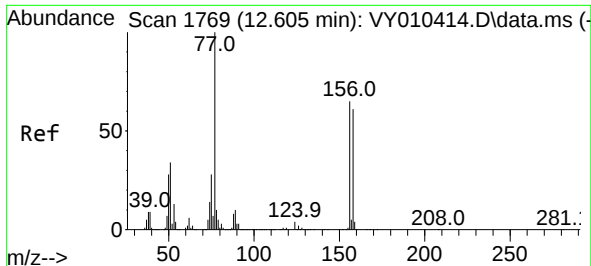
Tgt Ion: 75 Resp: 8303

Ion Ratio Lower Upper

75 100

77 165.8 0.0 0.0#

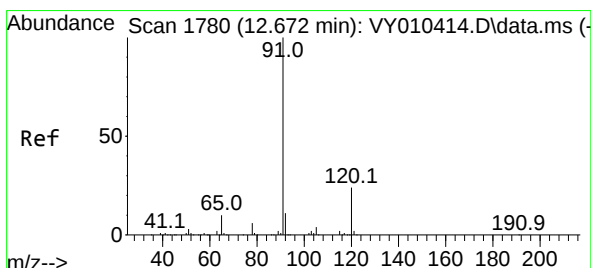
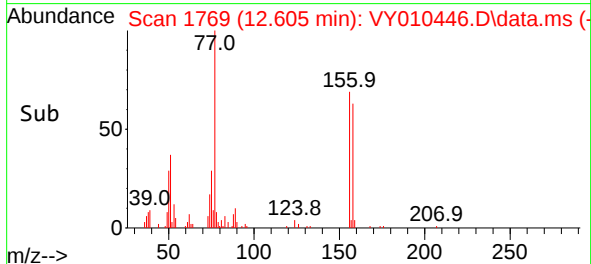
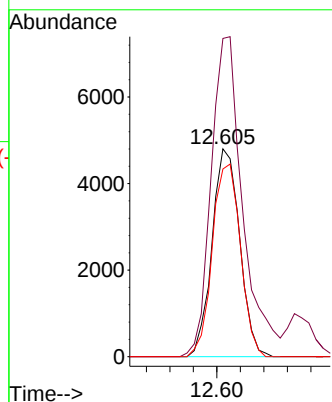
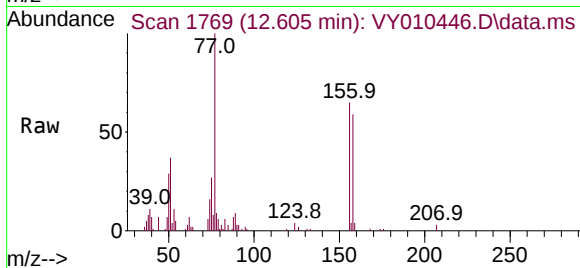




#77
Bromobenzene
Concen: 2.651 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

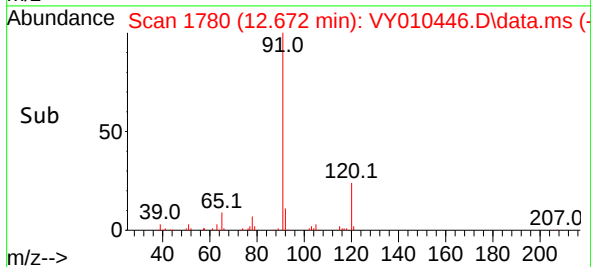
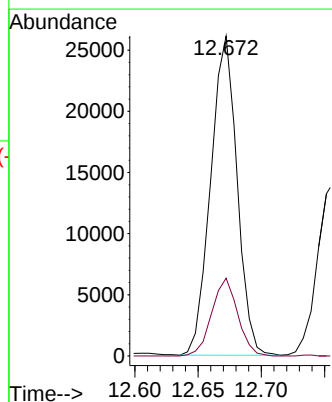
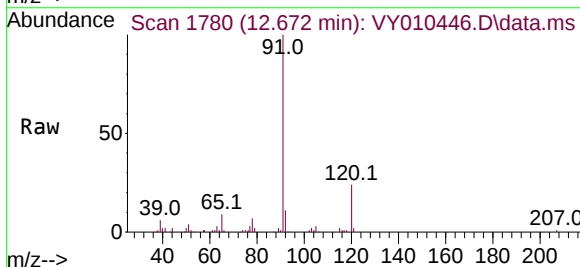
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

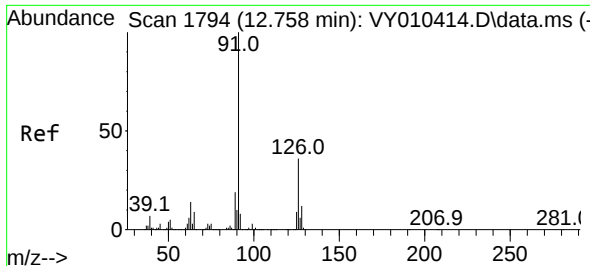
Tgt Ion:156 Resp: 7835
Ion Ratio Lower Upper
156 100
77 175.7 95.5 286.4
158 94.2 48.0 144.0



#78
n-propylbenzene
Concen: 2.565 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 91 Resp: 37883
Ion Ratio Lower Upper
91 100
120 23.9 11.3 33.9

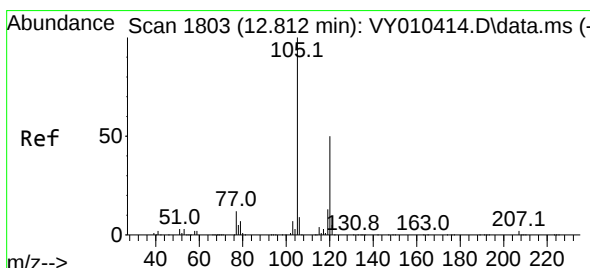
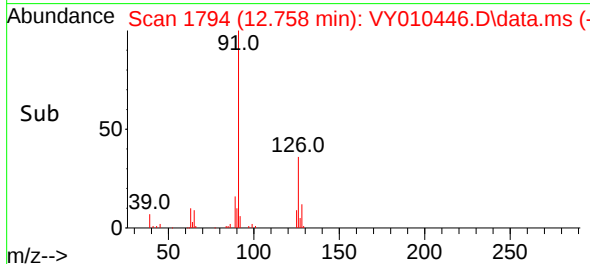
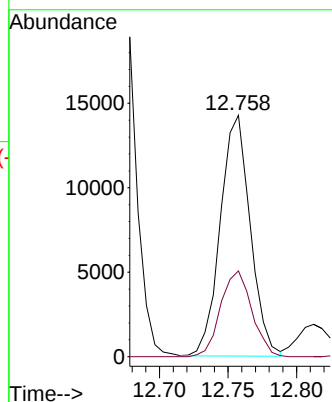
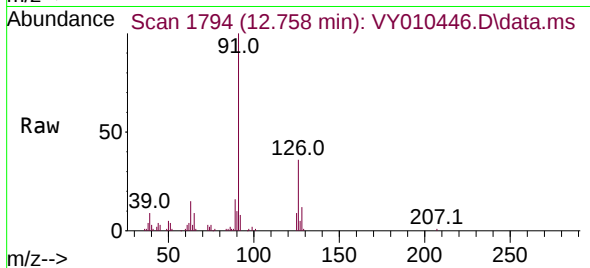




#79
2-Chlorotoluene
Concen: 2.617 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

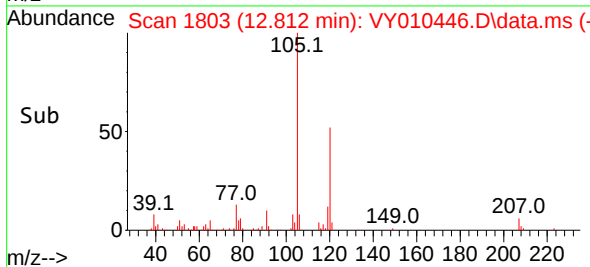
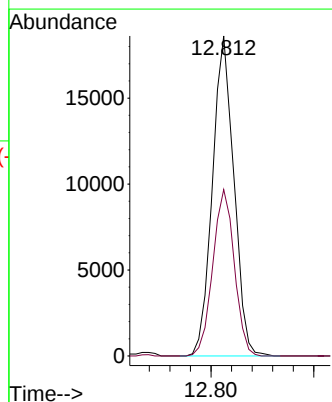
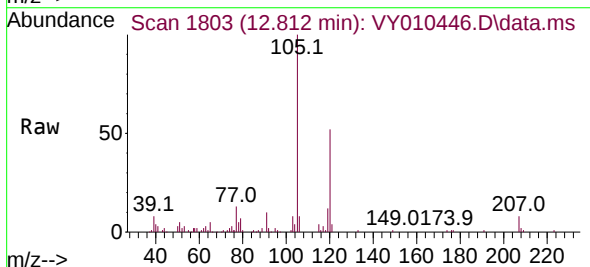
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

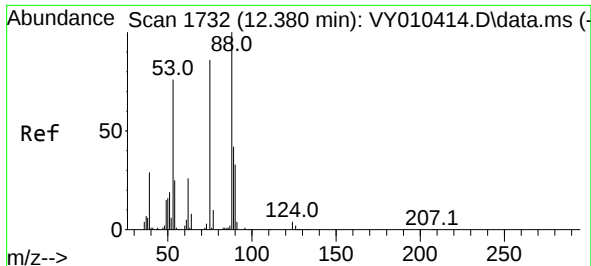
Tgt Ion: 91 Resp: 21707
Ion Ratio Lower Upper
91 100
126 37.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 2.565 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 105 Resp: 26994
Ion Ratio Lower Upper
105 100
120 52.1 24.4 73.4

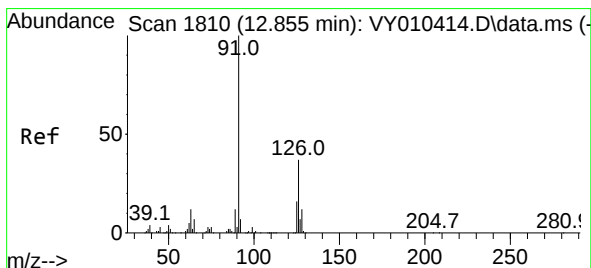
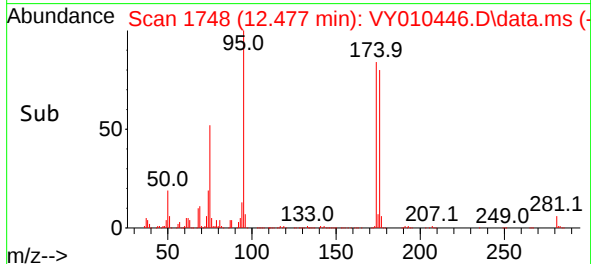
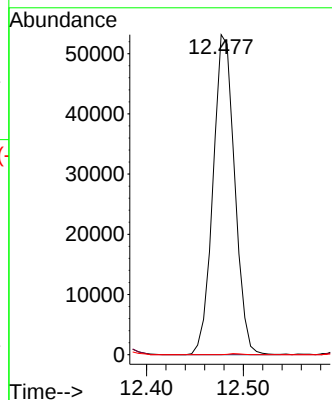
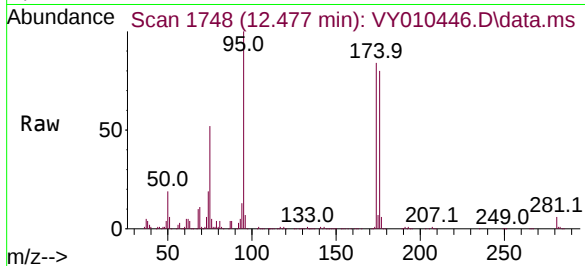




#81
trans-1,4-Dichloro-2-butene
Concen: 103.951 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

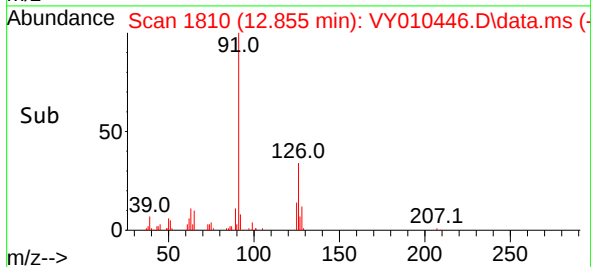
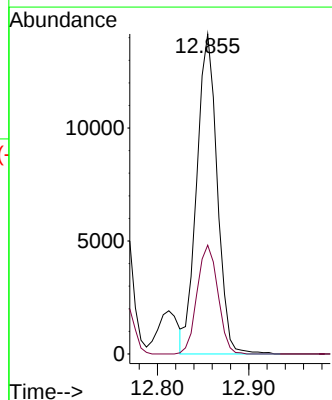
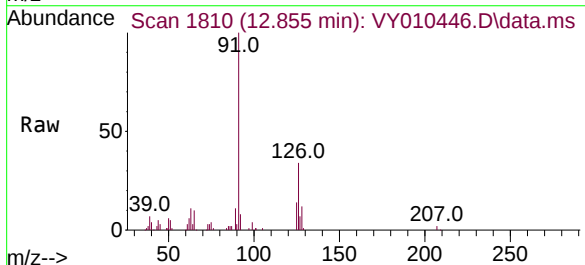
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

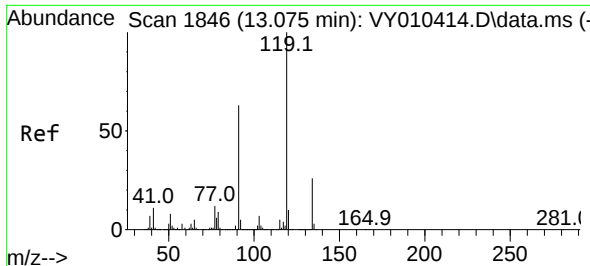
Tgt Ion: 75 Resp: 82590
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#



#82
4-Chlorotoluene
Concen: 2.554 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion: 91 Resp: 22038
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0

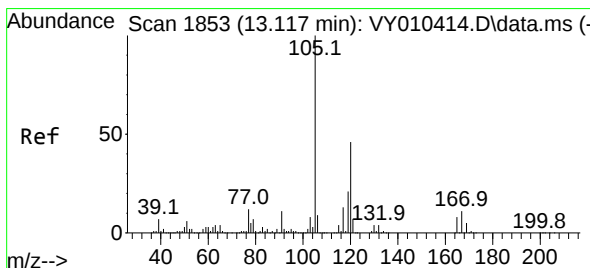
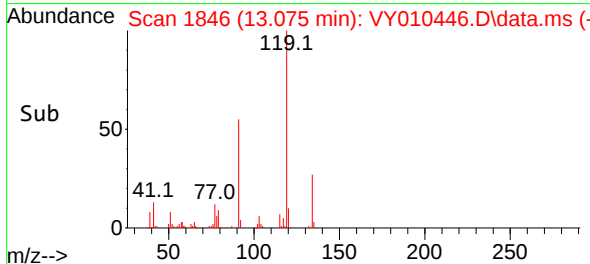
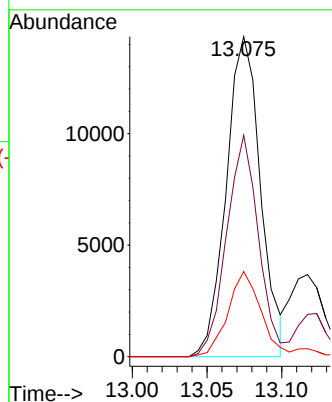
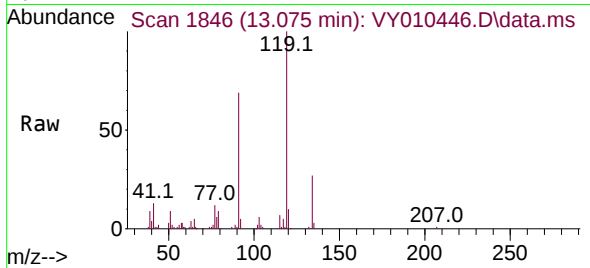




#83
tert-Butylbenzene
Concen: 2.489 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

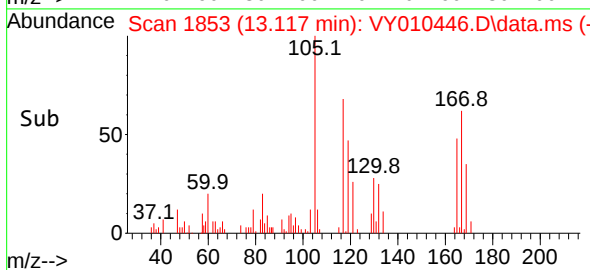
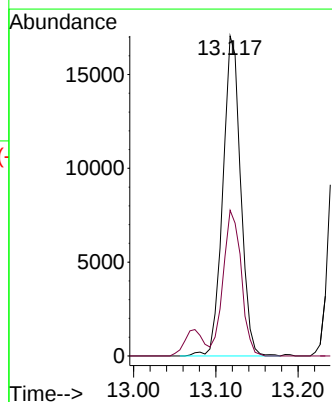
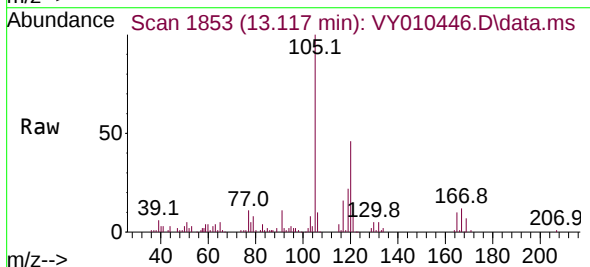
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

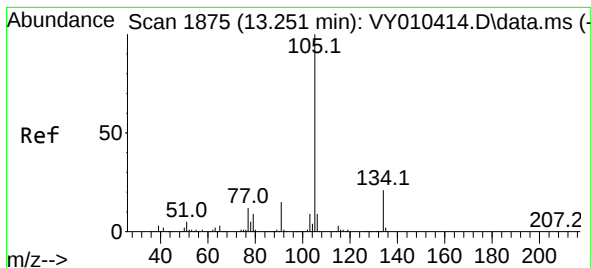
Tgt Ion:119 Resp: 22891
Ion Ratio Lower Upper
119 100
91 64.1 34.8 104.4
134 25.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 2.492 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion:105 Resp: 25659
Ion Ratio Lower Upper
105 100
120 46.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 2.528 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

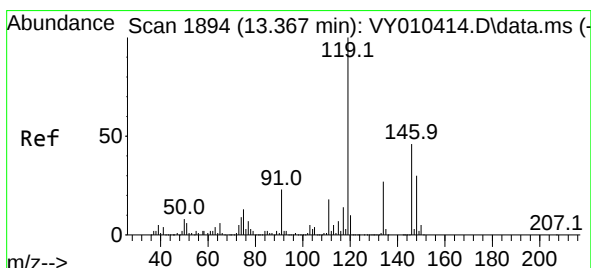
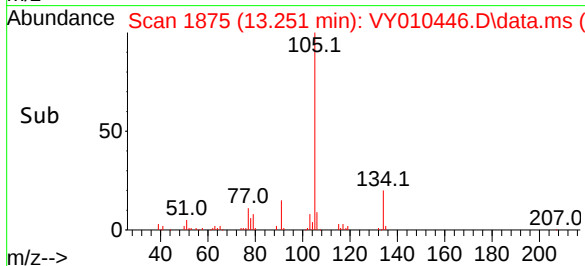
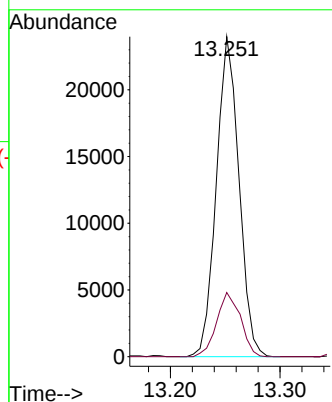
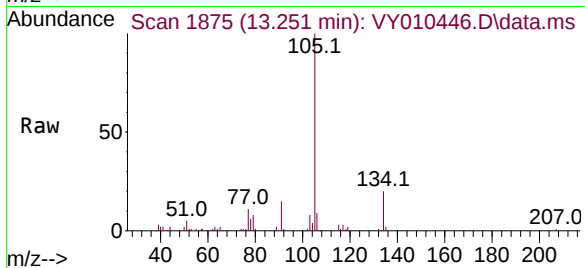
MDL02 2.5PPB

Tgt Ion:105 Resp: 34434

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 2.440 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

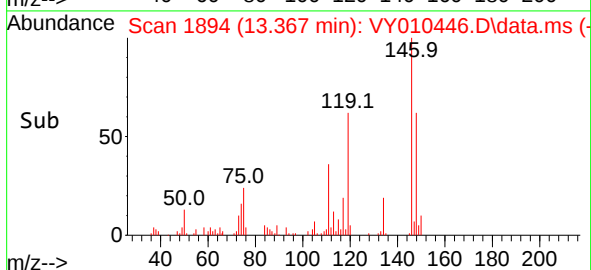
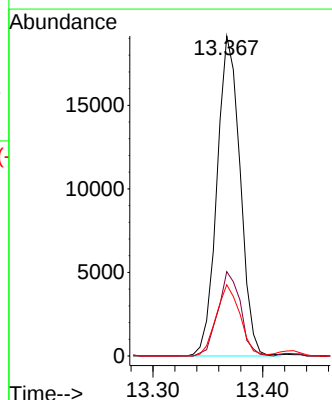
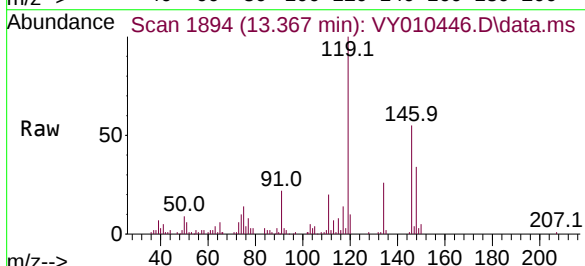
Tgt Ion:119 Resp: 28104

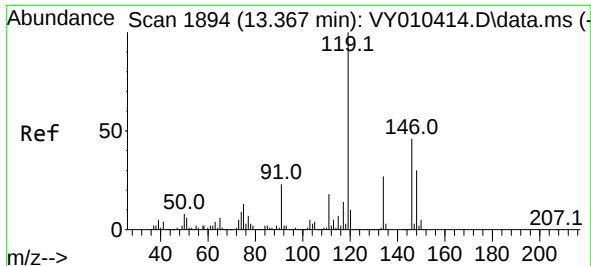
Ion Ratio Lower Upper

119 100

134 25.7 13.2 39.5

91 23.0 12.4 37.2

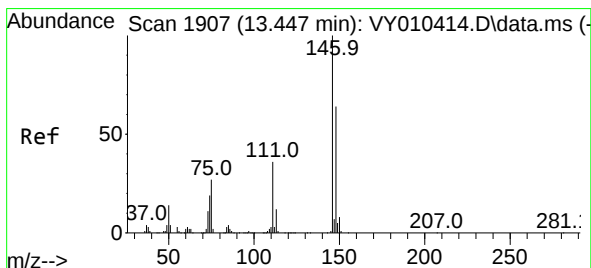
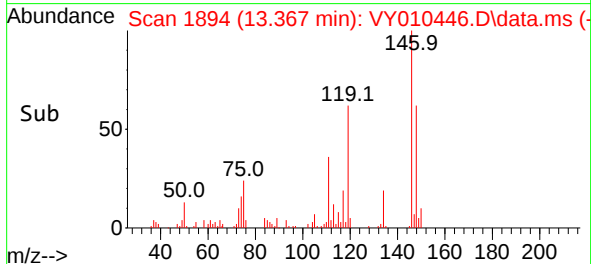
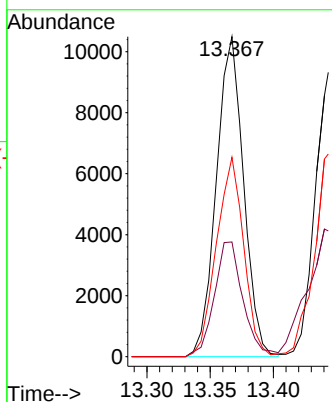
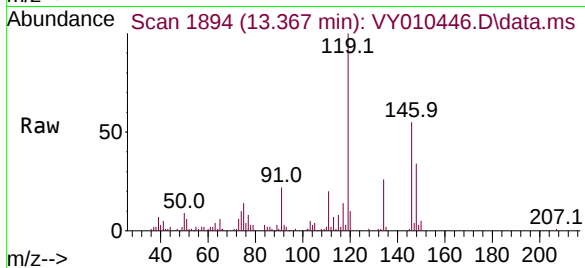




#87
 1,3-Dichlorobenzene
 Concen: 2.646 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY010446.D
 Acq: 12 Sep 2022 14:37

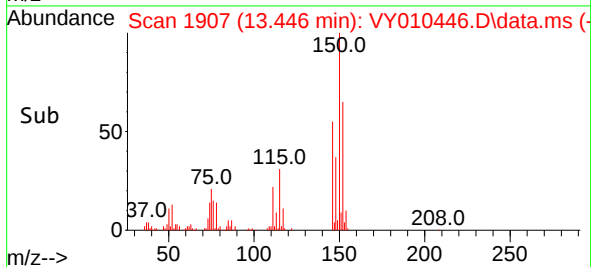
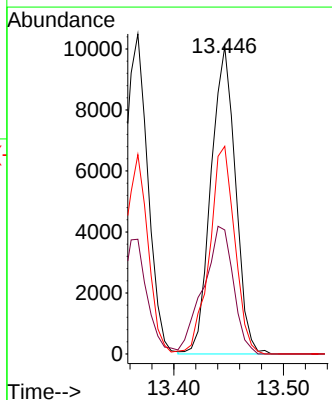
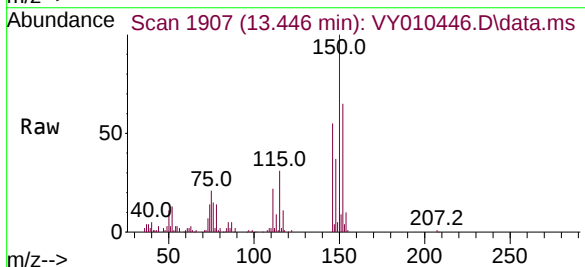
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02 2.5PPB

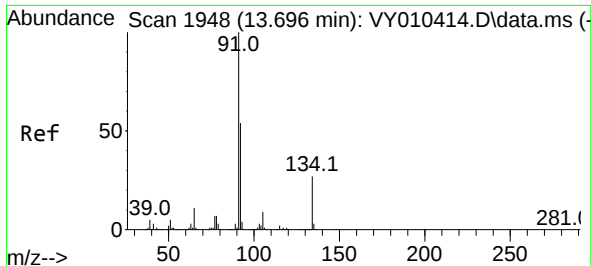
Tgt Ion:	146	Resp:	15703
Ion Ratio	Lower	Upper	
146	100		
111	37.7	19.5	58.5
148	62.5	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 2.662 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.001 min
 Lab File: VY010446.D
 Acq: 12 Sep 2022 14:37

Tgt Ion:	146	Resp:	15642
Ion Ratio	Lower	Upper	
146	100		
111	50.8	19.3	57.8
148	69.6	32.6	97.8





#89

n-Butylbenzene

Concen: 2.481 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL02 2.5PPB

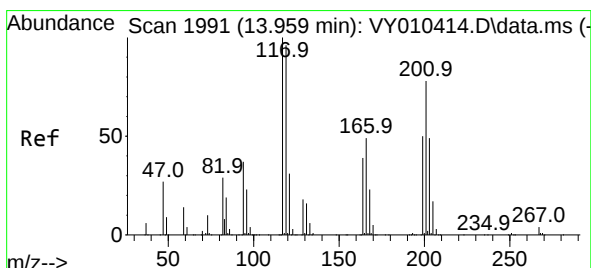
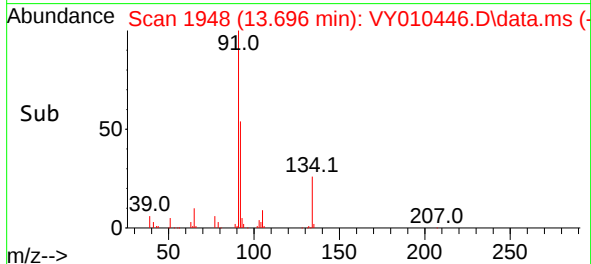
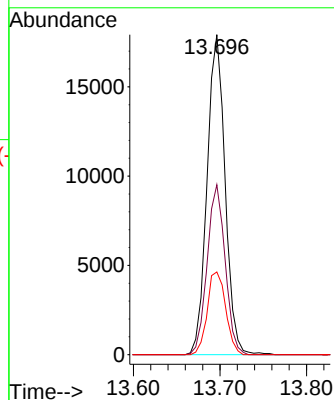
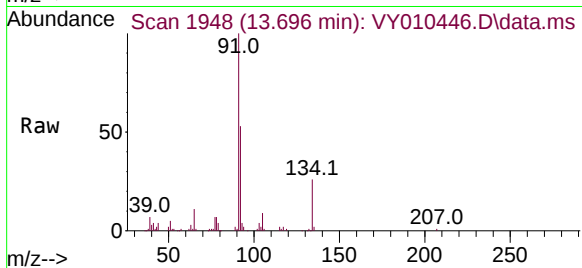
Tgt Ion: 91 Resp: 25945

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 26.5 13.0 38.9



#90

Hexachloroethane

Concen: 2.687 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY010446.D

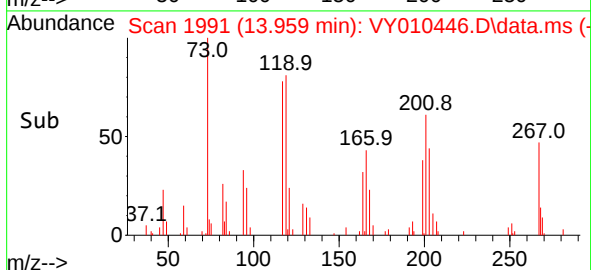
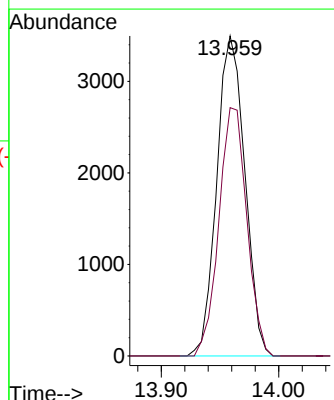
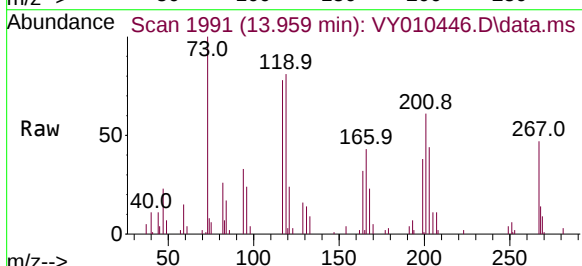
Acq: 12 Sep 2022 14:37

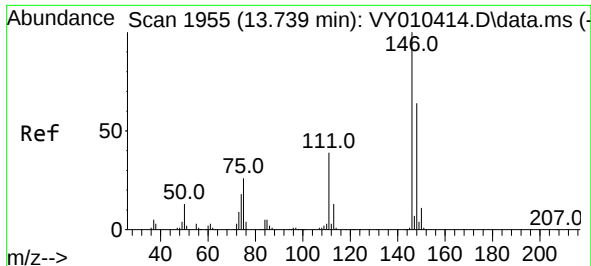
Tgt Ion: 117 Resp: 5811

Ion Ratio Lower Upper

117 100

201 77.3 43.0 128.8

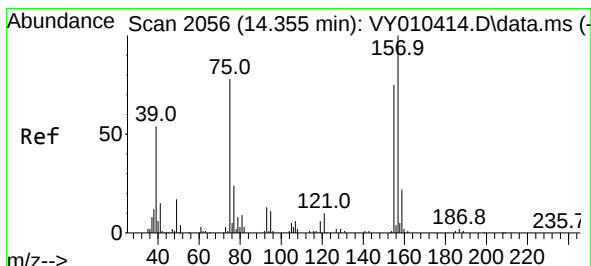
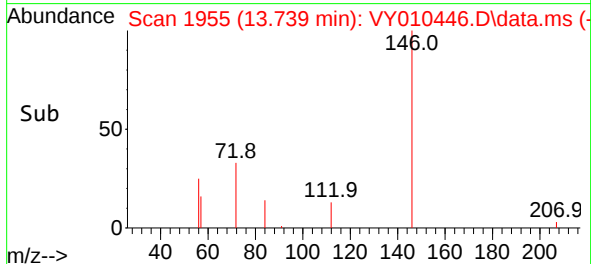
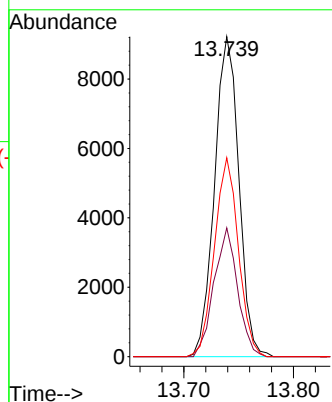
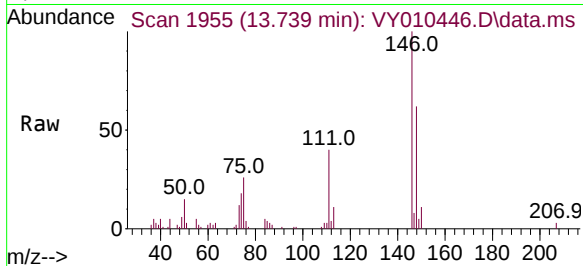




#91
1,2-Dichlorobenzene
Concen: 2.707 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

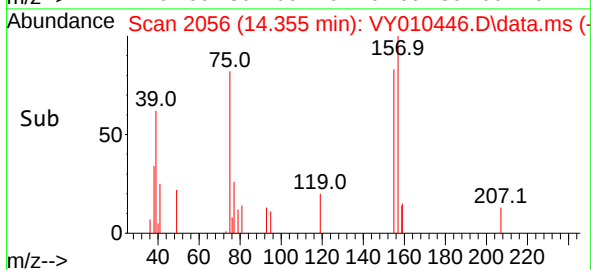
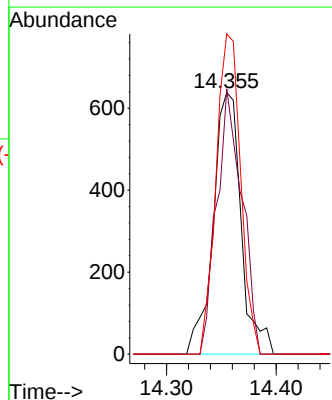
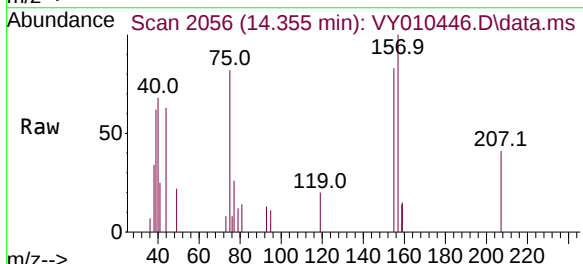
Instrument :
MSVOA_Y
ClientSampleId :
MDL02 2.5PPB

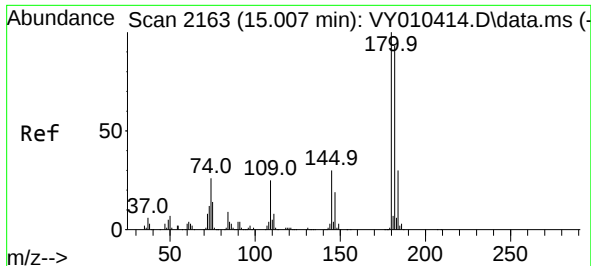
Tgt Ion:	146	Resp:	14230
Ion Ratio	Lower	Upper	
146	100		
111	39.1	20.3	60.9
148	61.3	32.3	96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.867 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY010446.D
Acq: 12 Sep 2022 14:37

Tgt Ion:	75	Resp:	1129
Ion Ratio	Lower	Upper	
75	100		
155	91.8	38.0	113.9
157	107.5	47.8	143.3

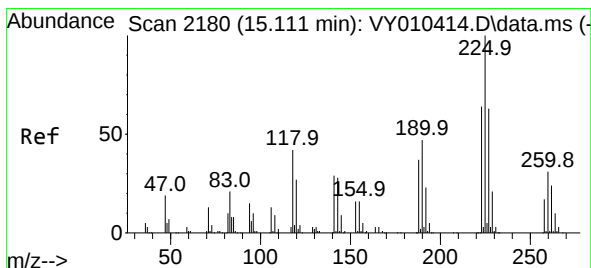
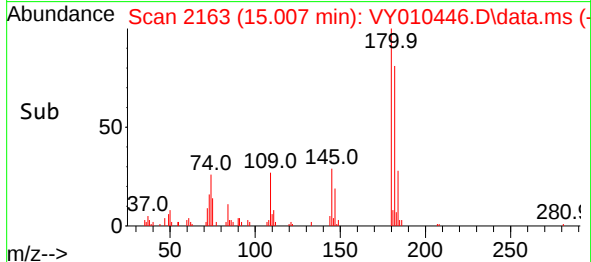
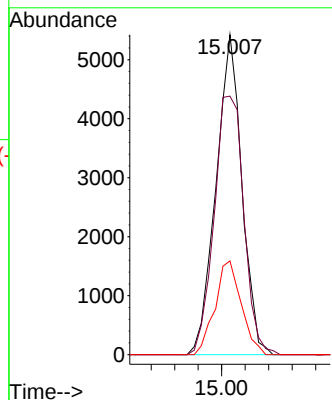
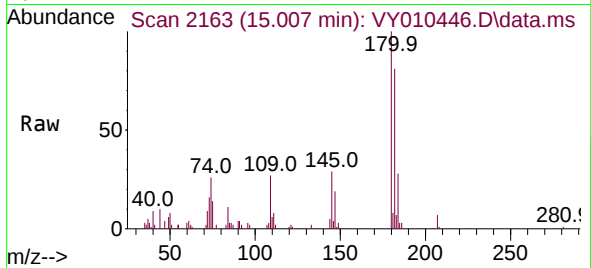




#93
 1,2,4-Trichlorobenzene
 Concen: 2.541 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY010446.D
 Acq: 12 Sep 2022 14:37

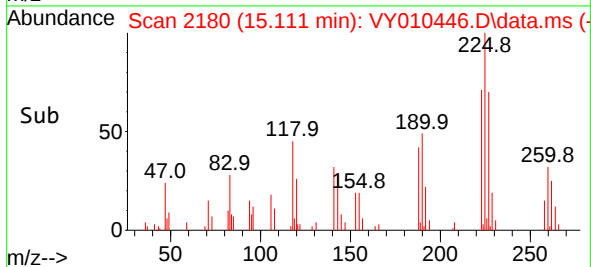
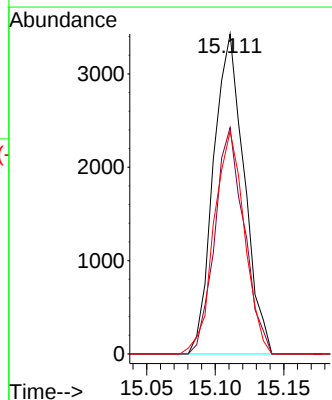
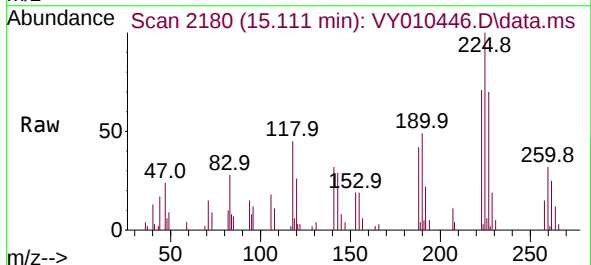
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL02 2.5PPB

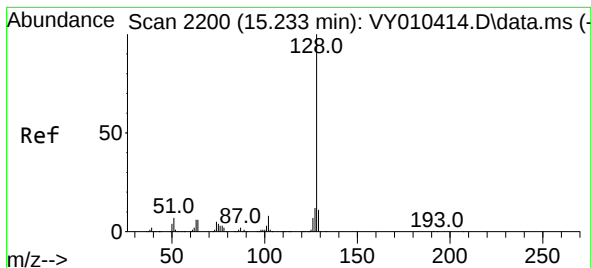
Tgt Ion:180 Resp: 8296
 Ion Ratio Lower Upper
 180 100
 182 92.6 47.3 141.9
 145 29.8 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 2.706 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY010446.D
 Acq: 12 Sep 2022 14:37

Tgt Ion:225 Resp: 5330
 Ion Ratio Lower Upper
 225 100
 223 67.8 30.8 92.3
 227 69.0 31.6 94.7





#95

Naphthalene

Concen: 2.276 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

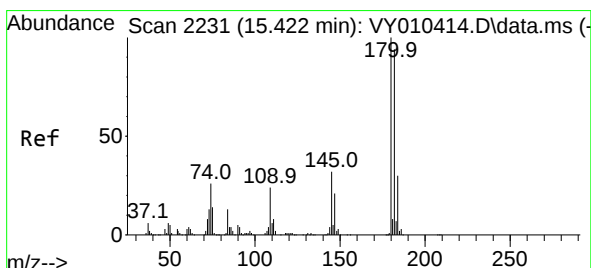
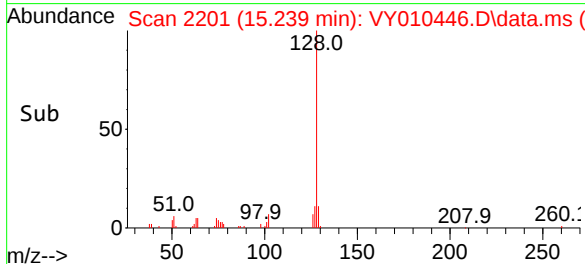
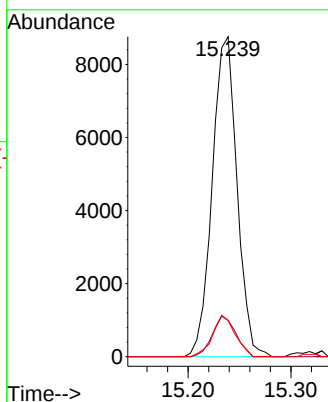
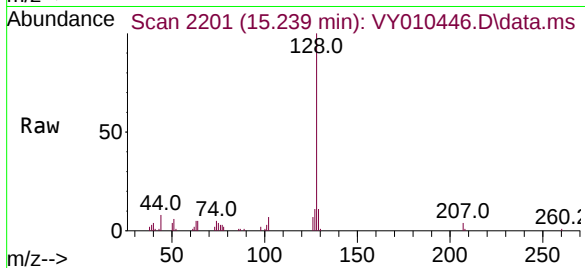
Instrument :

MSVOA_Y

ClientSampleId :

MDL02 2.5PPB

Tgt Ion:128	Resp:	14651
Ion Ratio	Lower	Upper
128	100	
127	12.1	11.0 16.4
129	11.7	8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 2.617 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY010446.D

Acq: 12 Sep 2022 14:37

Tgt Ion:180	Resp:	7457
Ion Ratio	Lower	Upper
180	100	
182	90.4	47.3 141.9
145	30.2	15.3 45.9

