

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082721\
 Data File : VY005885.D
 Acq On : 27 Aug 2021 15:51
 Operator : SY/MD
 Sample : M3569-03
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 03:51:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	9706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	15651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	16559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8339	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5868	59.726	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.460%
35) Dibromofluoromethane	7.728	113	3737	42.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.300%
50) Toluene-d8	10.185	98	21045	57.266	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.540%
62) 4-Bromofluorobenzene	12.489	95	6078	49.944	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.880%

Target Compounds				Qvalue		
3) Chloromethane	2.113	50	139	1.460	ug/l #	42
10) Methyl Iodide	4.107	142	696	6.744	ug/l #	88
16) Acetone	3.960	43	498	20.104	ug/l #	45
20) Methylene Chloride	4.728	84	1097	5.813	ug/l #	78
25) 2-Butanone	7.021	43	52	1.420	ug/l #	48
31) Cyclohexane	7.807	56	224	1.329	ug/l #	52
36) 1,1-Dichloropropene	7.801	75	742	5.055	ug/l #	43
39) Methylcyclohexane	9.197	83	773	4.139	ug/l #	58
46) Dibromomethane	9.258	93	224	3.852	ug/l	88
48) Methyl methacrylate	9.289	41	202	2.655	ug/l #	63
51) 4-Methyl-2-Pentanone	10.106	43	155	1.748	ug/l #	36
56) Ethyl methacrylate	10.502	69	279	2.215	ug/l #	24
57) 1,3-Dichloropropane	10.892	76	251	1.692	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.807	63	473	7.857	ug/l #	46
59) 2-Hexanone	10.837	43	801	12.781	ug/l #	34
60) Dibromochloromethane	11.002	129	227	2.180	ug/l	100
61) 1,2-Dibromoethane	11.111	107	152	1.907	ug/l #	1
64) Tetrachloroethene	10.746	164	357	2.832	ug/l #	4
66) 1,1,1,2-Tetrachloroethane	11.617	131	1404	11.195	ug/l #	30
69) o-Xylene	11.825	106	498	2.208	ug/l	97
71) Bromoform	12.239	173	193	2.373	ug/l #	29
73) Isopropylbenzene	12.428	105	885	1.520	ug/l	94
74) N-ethyl acetate	12.160	43	238	1.358	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.581	83	296	2.644	ug/l #	26
76) 1,2,3-Trichloropropane	12.630	75	442	5.115	ug/l #	100
77) Bromobenzene	12.416	156	135969	950.770	ug/l #	1
78) n-propylbenzene	12.544	91	1250	1.808	ug/l	99
79) 2-Chlorotoluene	12.867	91	1705	4.392	ug/l	70
81) trans-1,4-Dichloro-2-b...	12.380	75	245	5.715	ug/l #	1
82) 4-Chlorotoluene	12.867	91	1705	4.245	ug/l	71
83) tert-Butylbenzene	13.075	119	527	1.216	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.105	105	11511	24.149	ug/l #	35
85) sec-Butylbenzene	13.392	105	702	1.123	ug/l	96
86) p-Isopropyltoluene	13.379	119	687	1.280	ug/l #	37
87) 1,3-Dichlorobenzene	13.373	146	317	1.136	ug/l	73
88) 1,4-Dichlorobenzene	13.373	146	447	1.615	ug/l	94

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QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

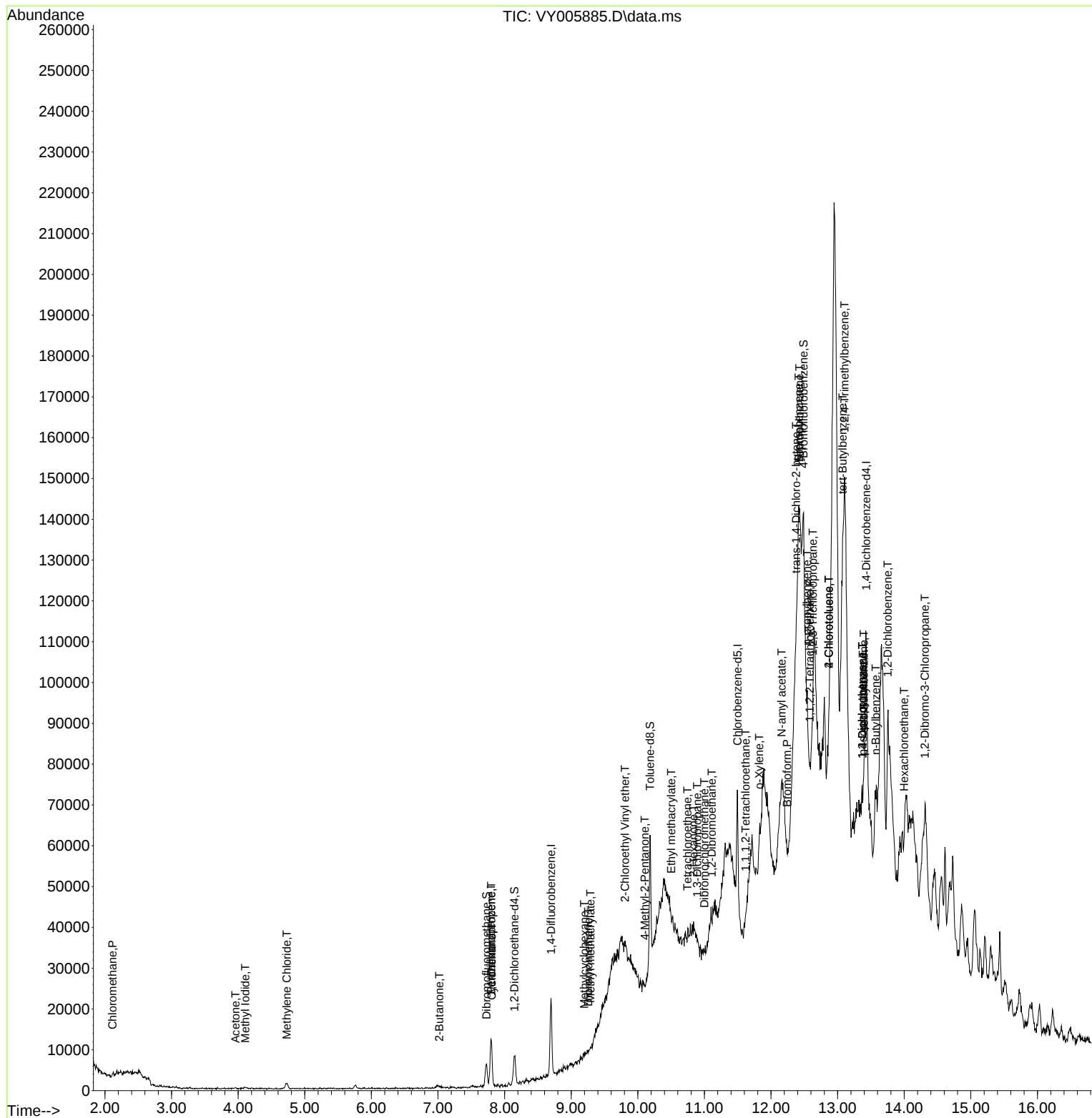
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.574	91	574	1.180	ug/l	70
90) Hexachloroethane	14.001	117	278	2.881	ug/l	52
91) 1,2-Dichlorobenzene	13.751	146	298	1.209	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.312	75	684	32.228	ug/l #	11

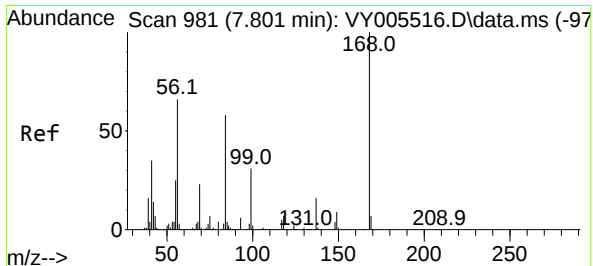
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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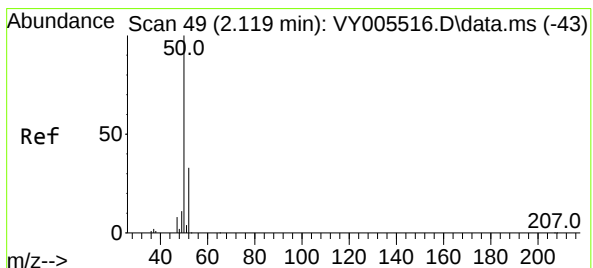
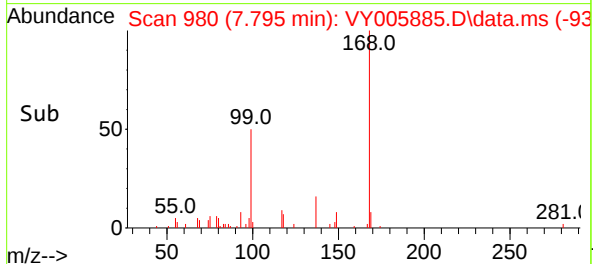
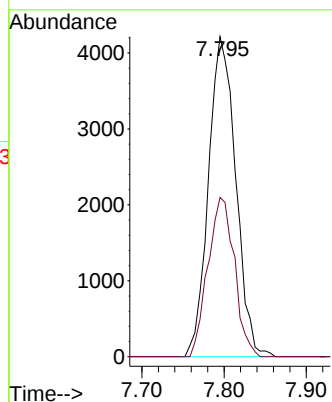
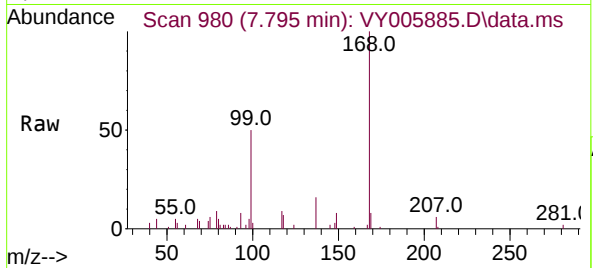




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005885.D
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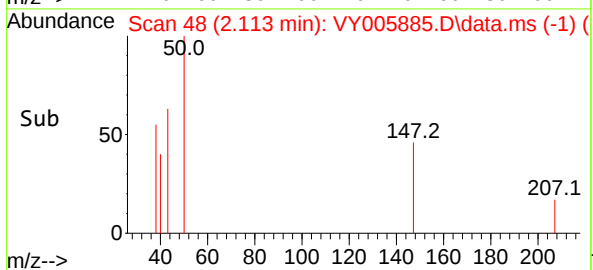
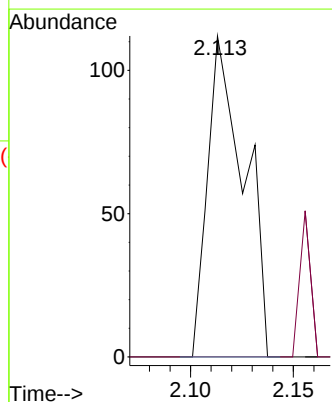
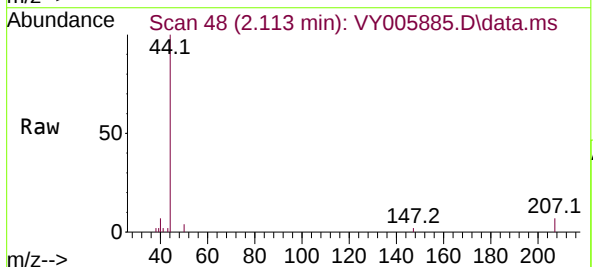
Instrument :
MSVOA_Y
ClientSampled :

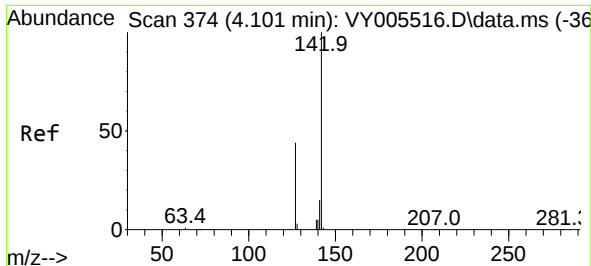
Tgt Ion:168 Resp: 9706
Ion Ratio Lower Upper
168 100
99 49.8 38.9 58.3



#3
Chloromethane
Concen: 1.460 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion: 50 Resp: 139
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#





#10

Methyl Iodide

Concen: 6.744 ug/l

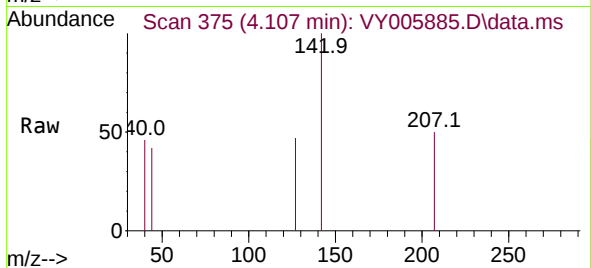
RT: 4.107 min Scan# 375

Delta R.T. 0.006 min

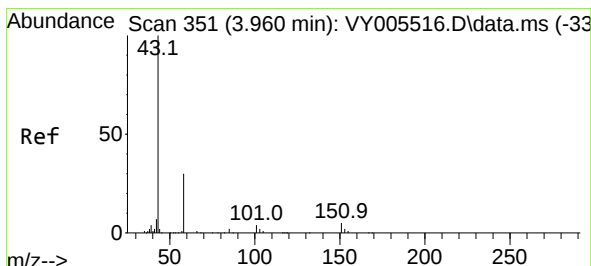
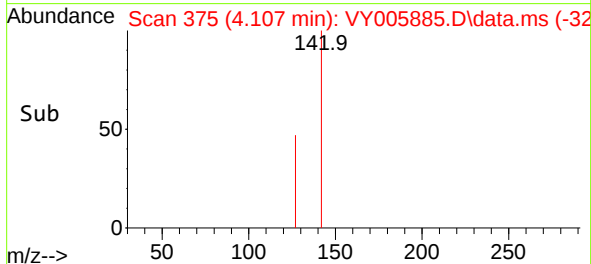
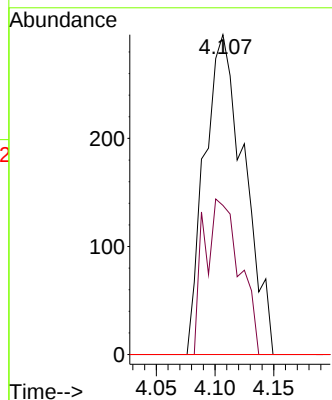
Lab File: VY005885.D

Acq: 27 Aug 2021 15:51

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	142	Resp:	696
Ion	Ratio	Lower	Upper
142	100		
127	43.5	36.6	54.8
141	0.0	12.2	18.4#



#16

Acetone

Concen: 20.104 ug/l

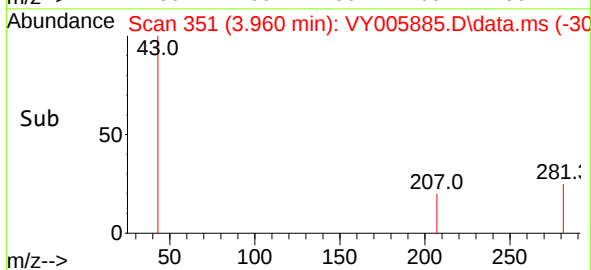
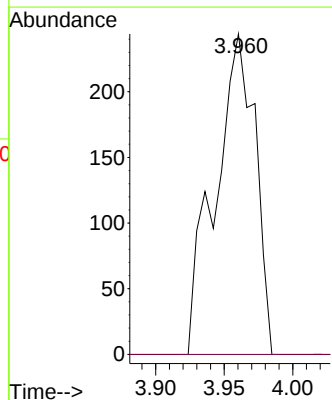
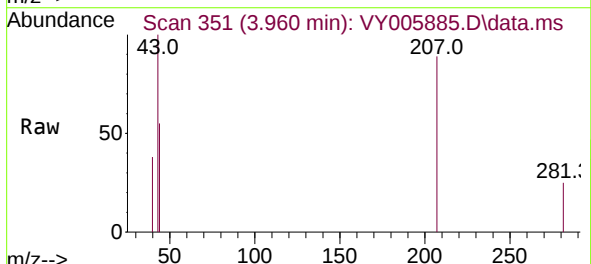
RT: 3.960 min Scan# 351

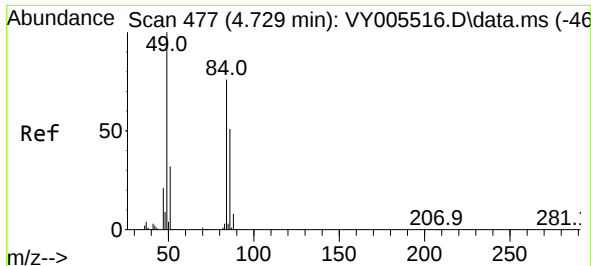
Delta R.T. -0.000 min

Lab File: VY005885.D

Acq: 27 Aug 2021 15:51

Tgt Ion:	43	Resp:	498
Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.8	35.6#

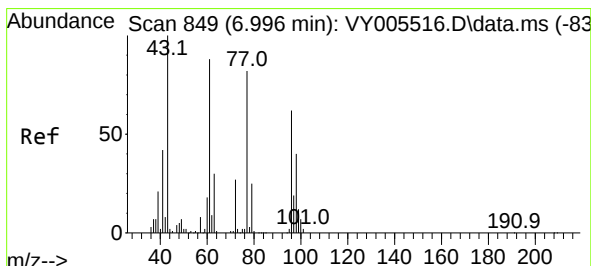
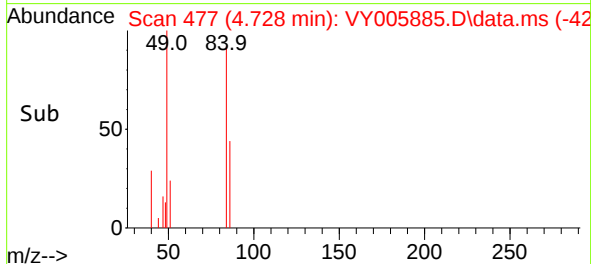
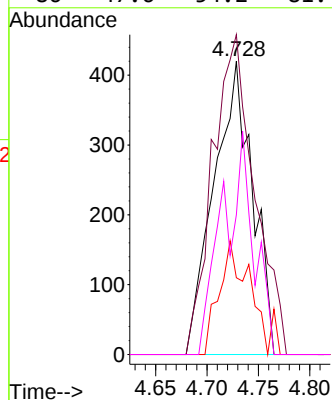
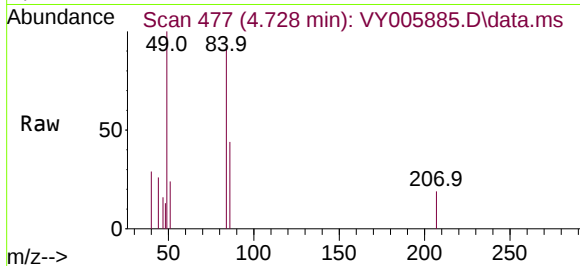




#20
Methylene Chloride
Concen: 5.813 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

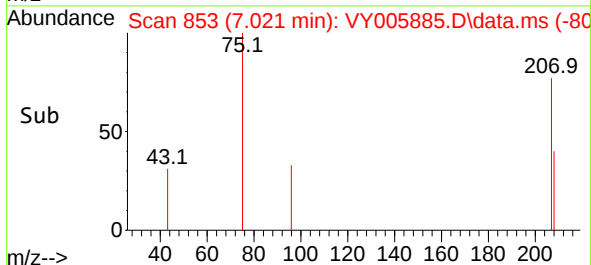
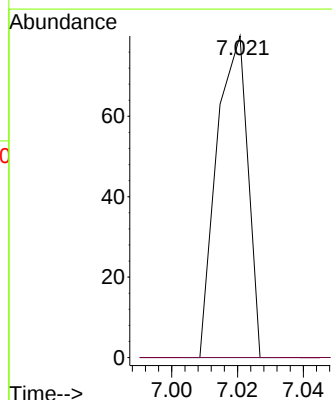
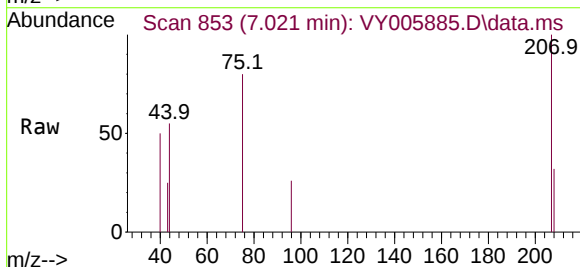
Instrument :
MSVOA_Y
ClientSampled :

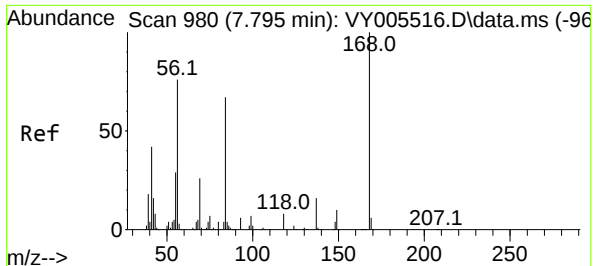
Tgt Ion:	84	Resp:	1097
Ion	Ratio	Lower	Upper
84	100		
49	109.0	105.8	158.6
51	26.2	33.4	50.2#
86	47.6	54.2	81.4#



#25
2-Butanone
Concen: 1.420 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.024 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion:	43	Resp:	52
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#

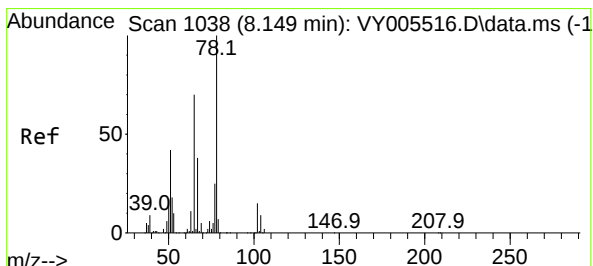
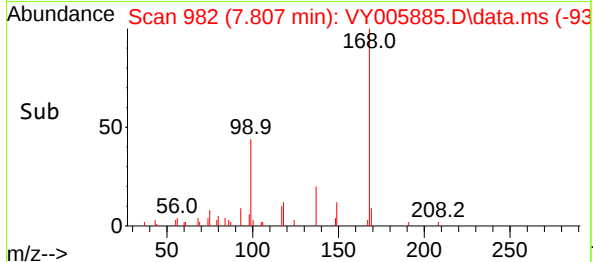
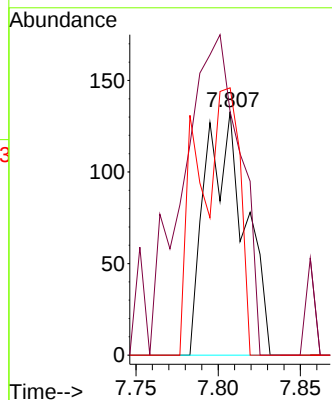
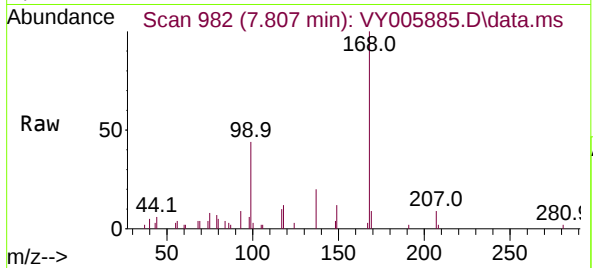




#31
Cyclohexane
Concen: 1.329 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

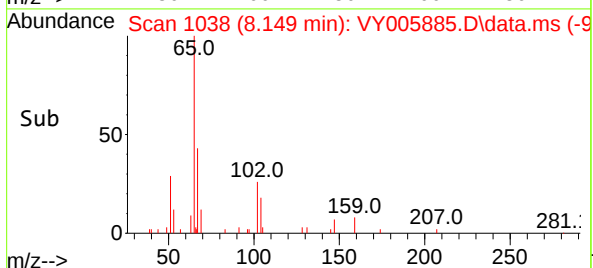
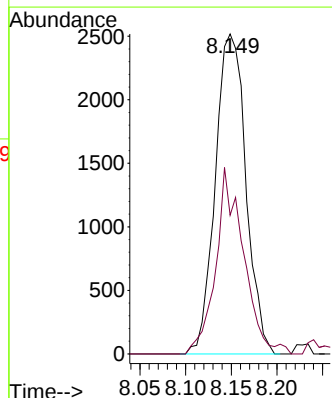
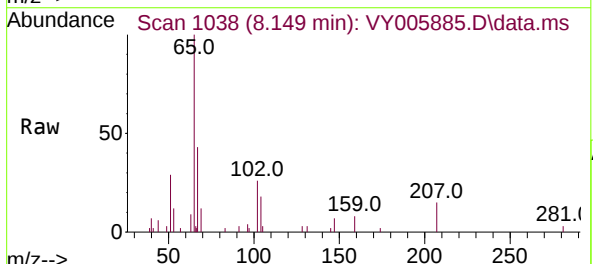
Instrument :
MSVOA_Y
ClientSampleId :

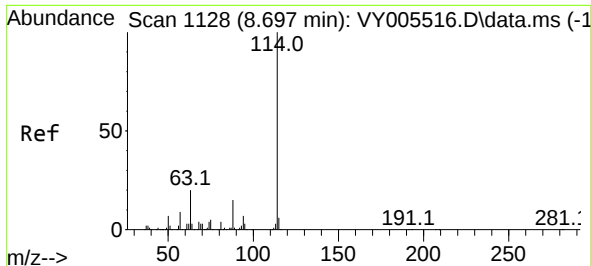
Tgt Ion: 56 Resp: 224
Ion Ratio Lower Upper
56 100
69 100.0 27.7 41.5#
84 109.8 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 59.726 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion: 65 Resp: 5868
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

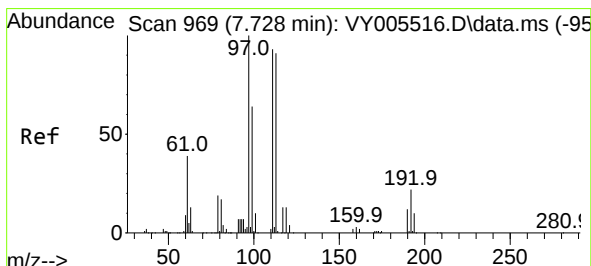
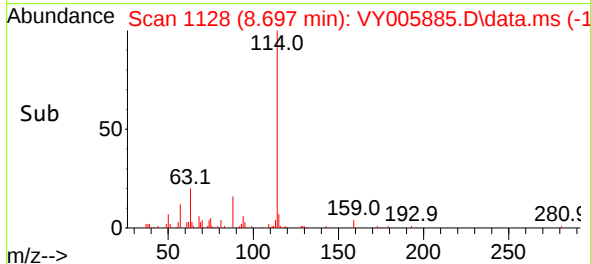
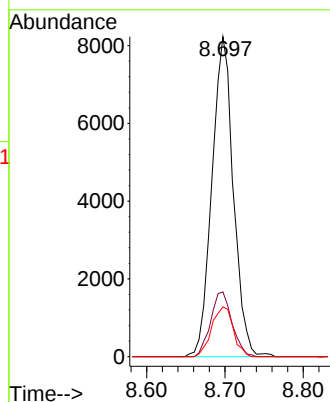
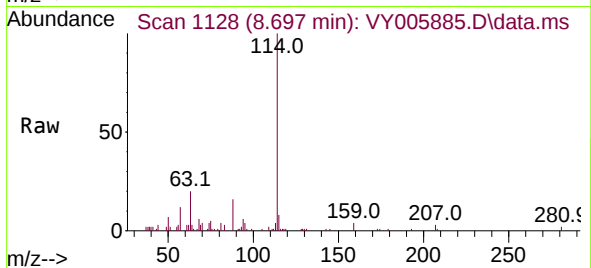
Delta R.T. -0.000 min

Lab File: VY005885.D

Acq: 27 Aug 2021 15:51

Tgt Ion:	114	Resp:	15651
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	39.2
88	15.5	0.0	30.8

Instrument :
MSVOA_Y
ClientSampled :



#35

Dibromofluoromethane

Concen: 42.647 ug/l

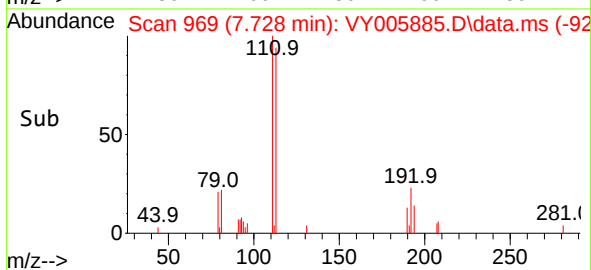
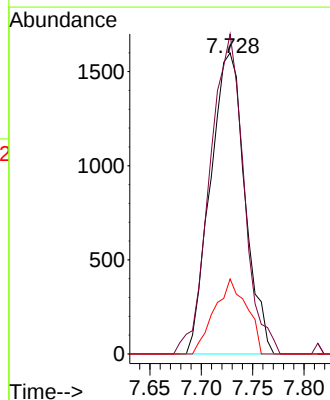
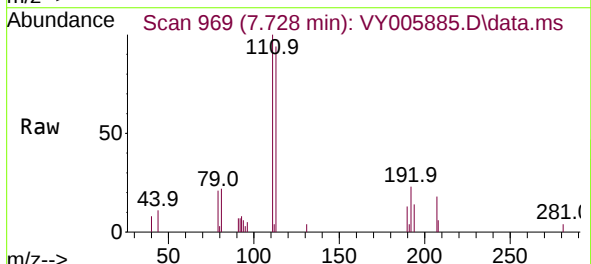
RT: 7.728 min Scan# 969

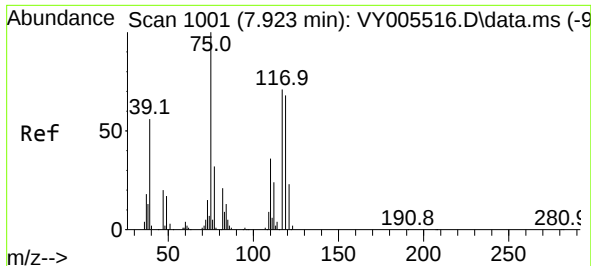
Delta R.T. -0.000 min

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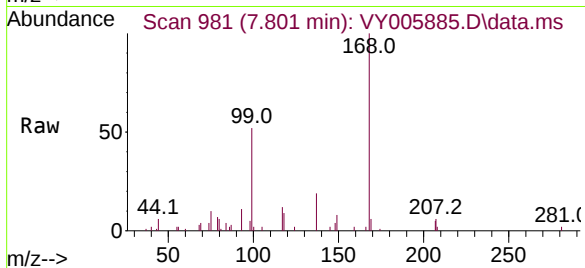
Tgt Ion:	113	Resp:	3737
Ion Ratio	Lower	Upper	
113	100		
111	104.6	81.9	122.9
192	23.2	19.2	28.8



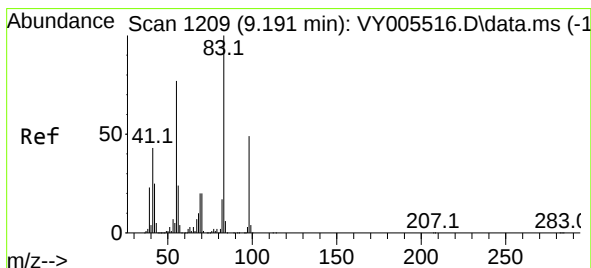
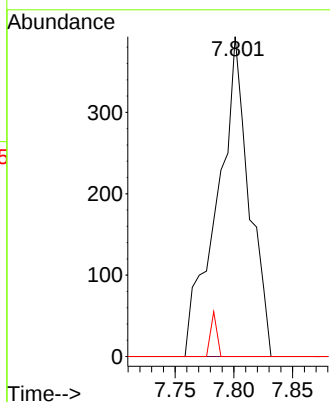
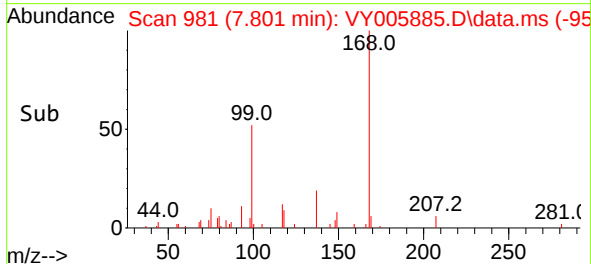


#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

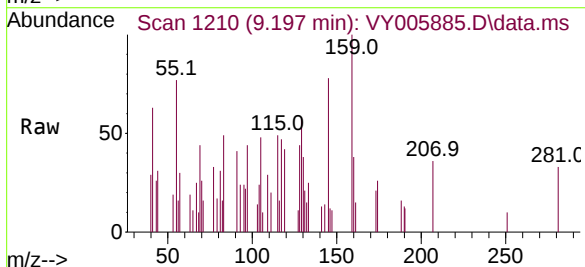
Instrument :
MSVOA_Y
ClientSampled :



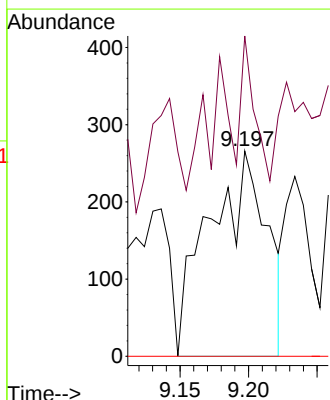
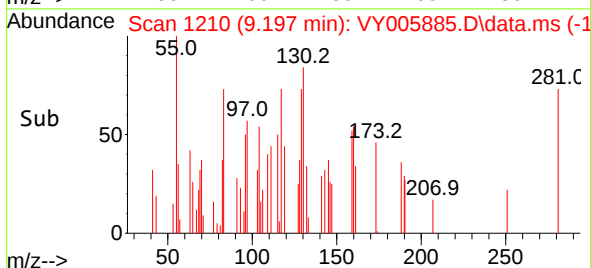
Tgt Ion: 75 Resp: 742
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 2.7 25.1 37.7#

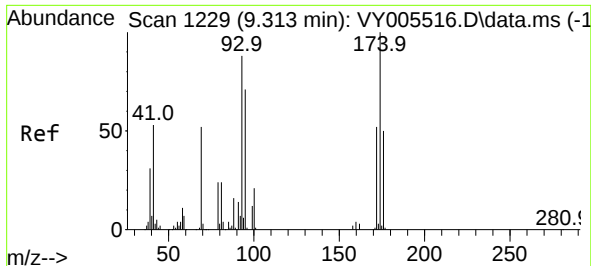


#39
Methylcyclohexane
Concen: 4.139 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. 0.006 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51



Tgt Ion: 83 Resp: 773
Ion Ratio Lower Upper
83 100
55 56.4 61.7 92.5#
98 0.0 38.9 58.3#

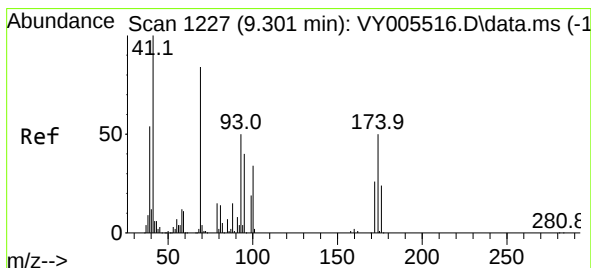
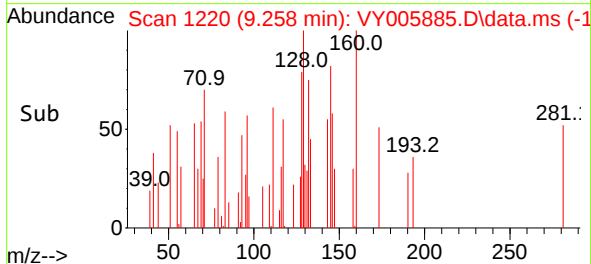
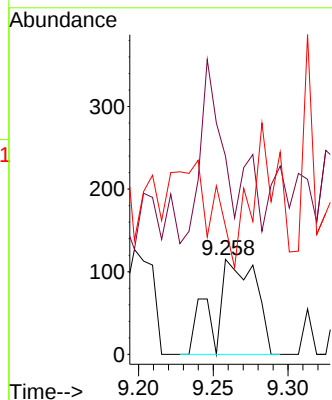
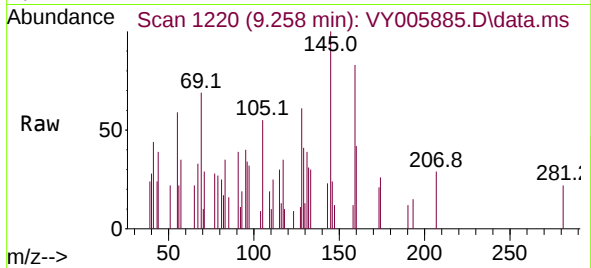




#46
Dibromomethane
Concen: 3.852 ug/l
RT: 9.258 min Scan# 1220
Delta R.T. -0.055 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

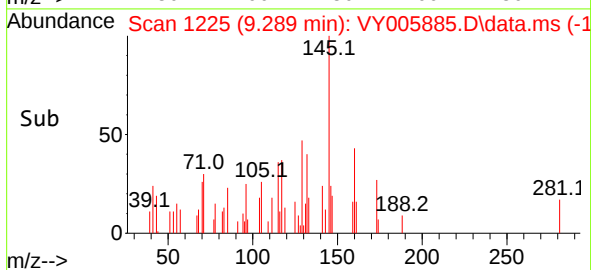
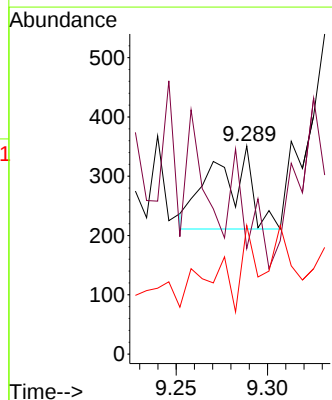
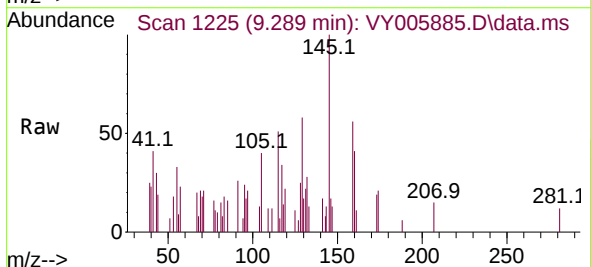
Instrument :
MSVOA_Y
ClientSampled :

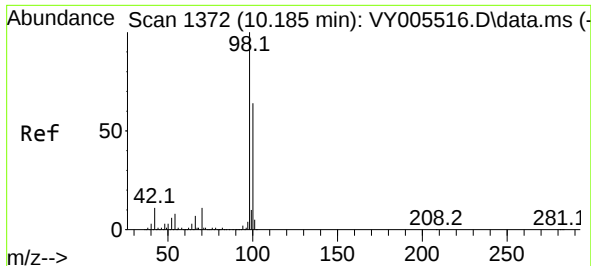
Tgt Ion: 93 Resp: 224
Ion Ratio Lower Upper
93 100
95 97.8 66.5 99.7
174 108.0 93.8 140.6



#48
Methyl methacrylate
Concen: 2.655 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.012 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion: 41 Resp: 202
Ion Ratio Lower Upper
41 100
69 64.4 69.0 103.4#
39 100.0 46.0 69.0#

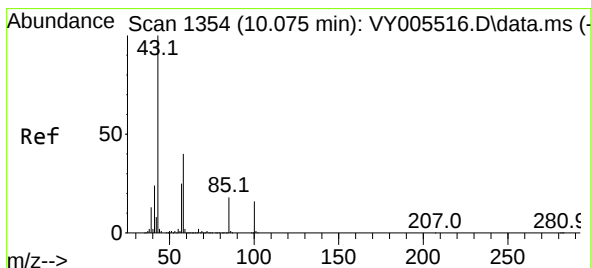
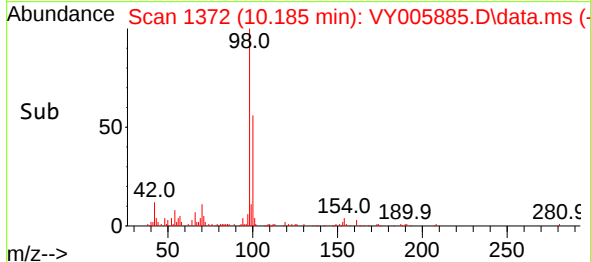
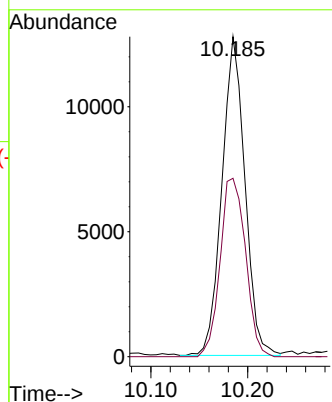
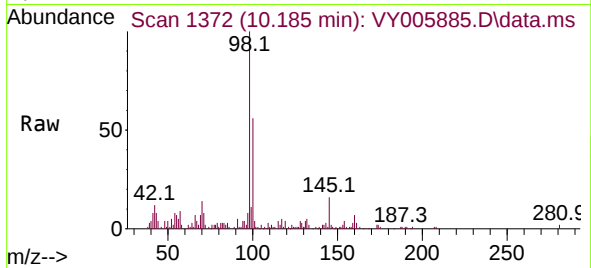




#50
Toluene-d8
Concen: 57.266 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

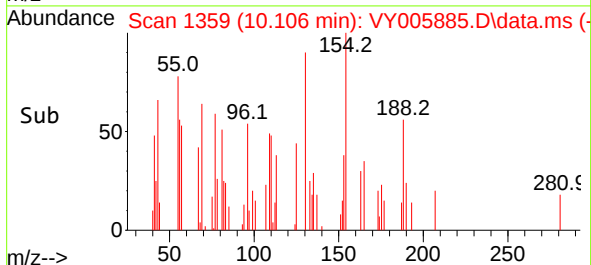
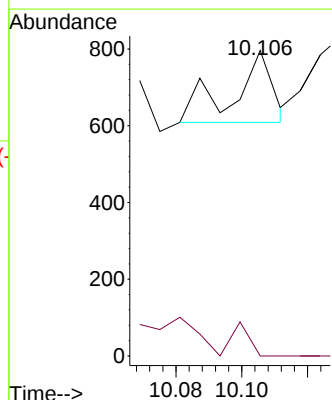
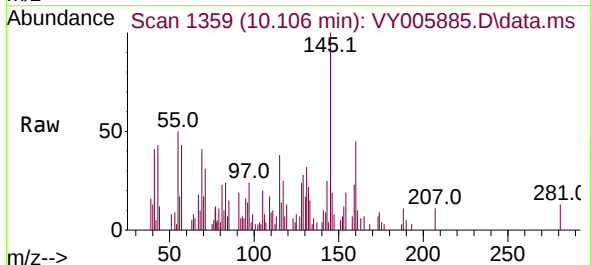
Instrument :
MSVOA_Y
ClientSampled :

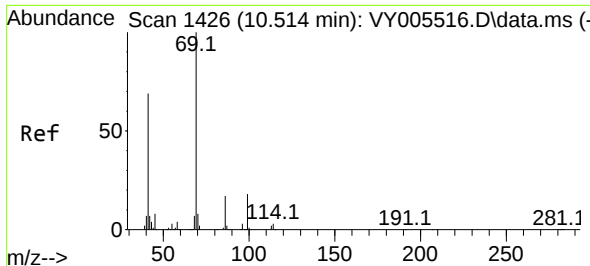
Tgt Ion: 98 Resp: 21045
Ion Ratio Lower Upper
98 100
100 61.9 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.748 ug/l
RT: 10.106 min Scan# 1359
Delta R.T. 0.030 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion: 43 Resp: 155
Ion Ratio Lower Upper
43 100
58 0.0 31.4 47.2#

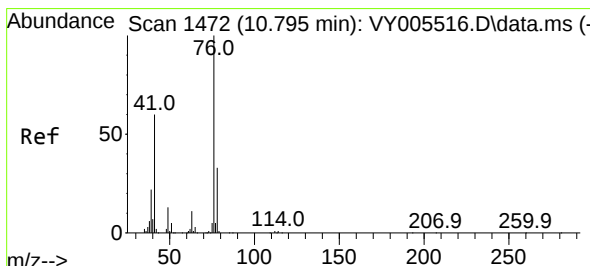
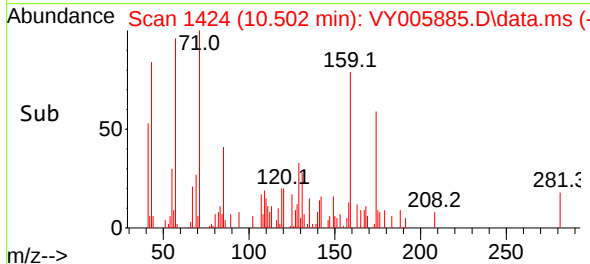
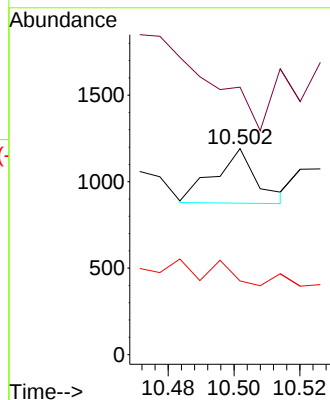
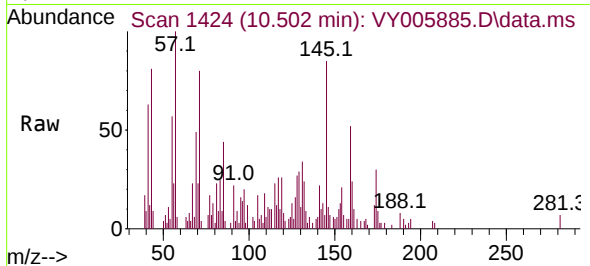




#56
Ethyl methacrylate
Concen: 2.215 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.012 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

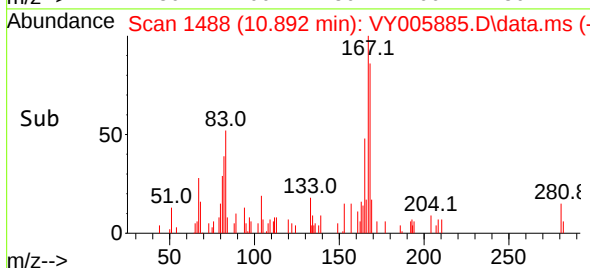
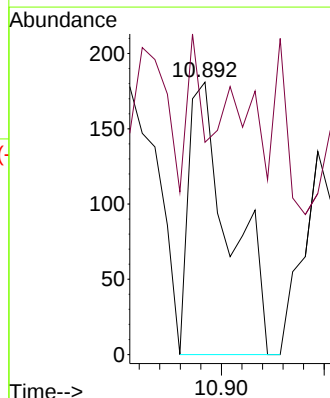
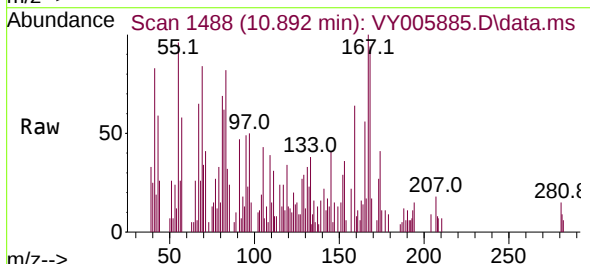
Instrument :
MSVOA_Y
ClientSampleId :

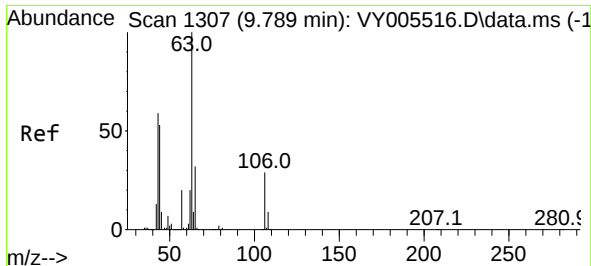
Tgt Ion: 69 Resp: 279
Ion Ratio Lower Upper
69 100
41 0.0 53.9 80.9#
39 0.0 27.0 40.4#



#57
1,3-Dichloropropane
Concen: 1.692 ug/l
RT: 10.892 min Scan# 1488
Delta R.T. 0.097 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion: 76 Resp: 251
Ion Ratio Lower Upper
76 100
78 25.9 25.7 38.5

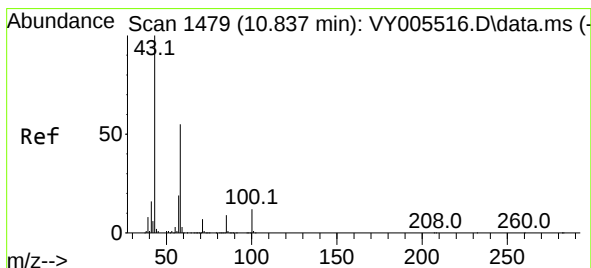
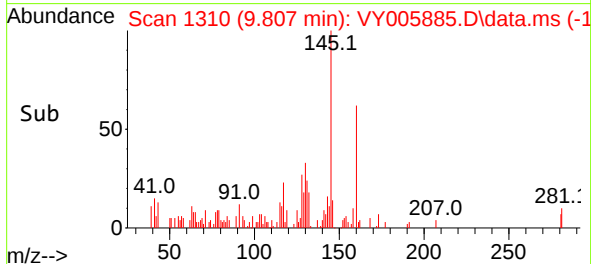
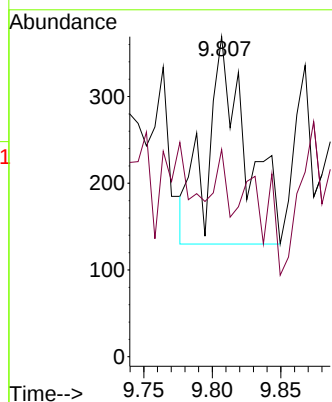
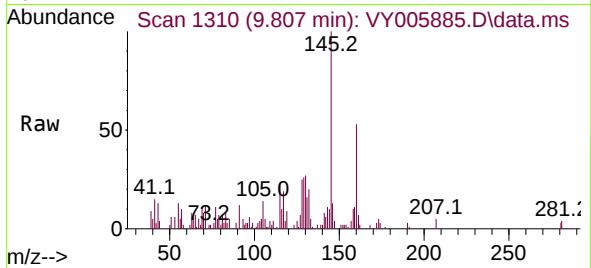




#58
2-Chloroethyl Vinyl ether
Concen: 7.857 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.018 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

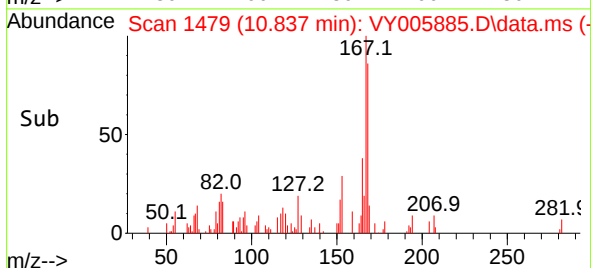
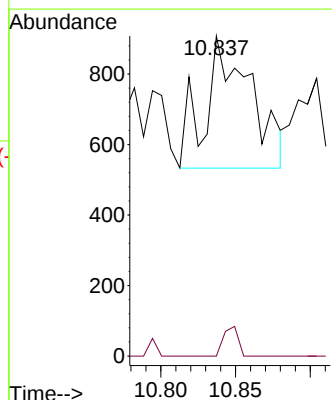
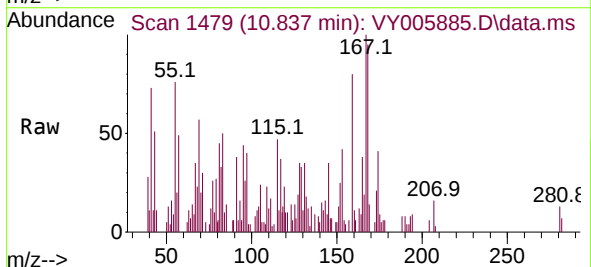
Instrument :
MSVOA_Y
ClientSampled :

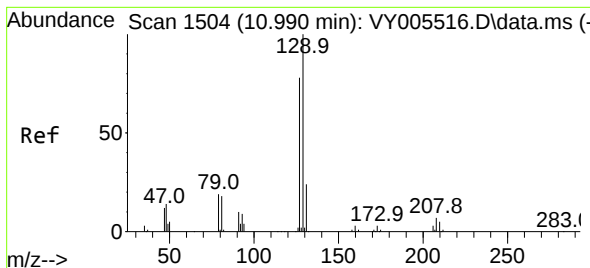
Tgt Ion: 63 Resp: 473
Ion Ratio Lower Upper
63 100
106 0.0 23.1 34.7#



#59
2-Hexanone
Concen: 12.781 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 7.0 27.1 81.2#





#60

Dibromochloromethane

Concen: 2.180 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.012 min

Lab File: VY005885.D

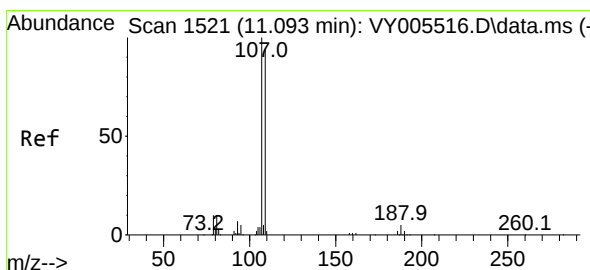
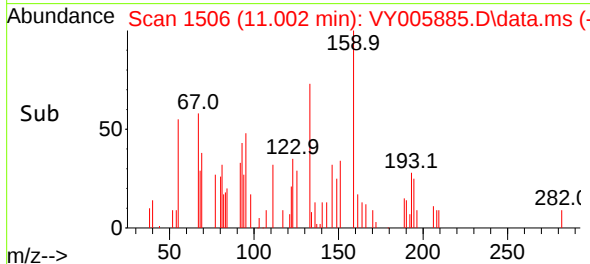
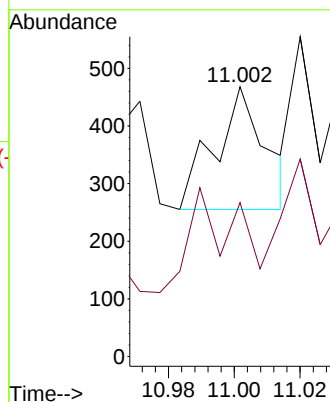
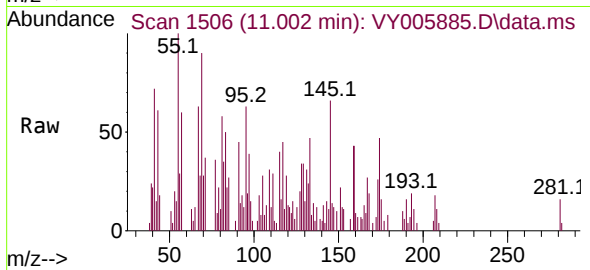
Acq: 27 Aug 2021 15:51

Tgt Ion:129 Resp: 227

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.7



#61

1,2-Dibromoethane

Concen: 1.907 ug/l

RT: 11.111 min Scan# 1524

Delta R.T. 0.018 min

Lab File: VY005885.D

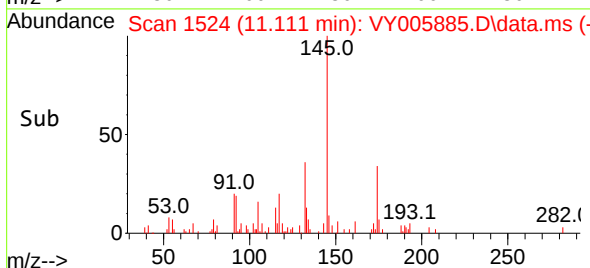
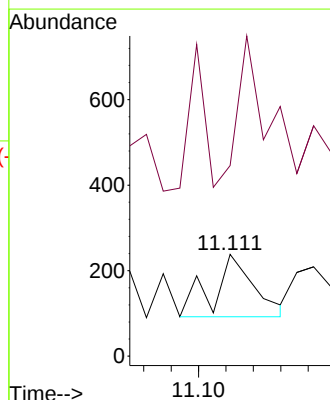
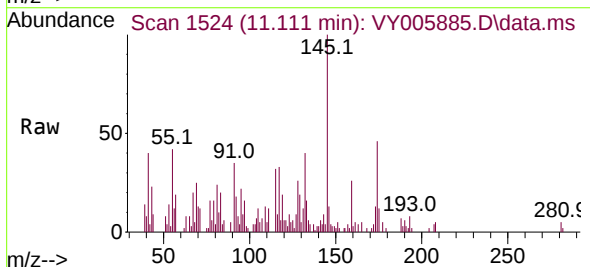
Acq: 27 Aug 2021 15:51

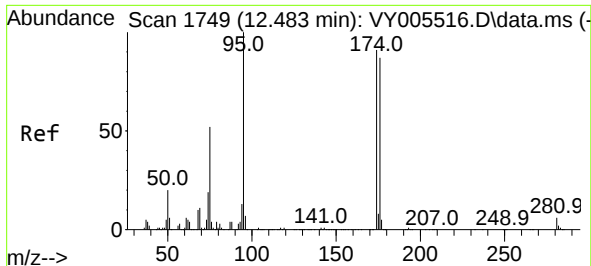
Tgt Ion:107 Resp: 152

Ion Ratio Lower Upper

107 100

109 353.9 74.7 112.1#

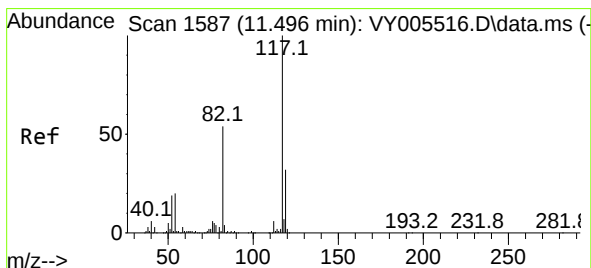
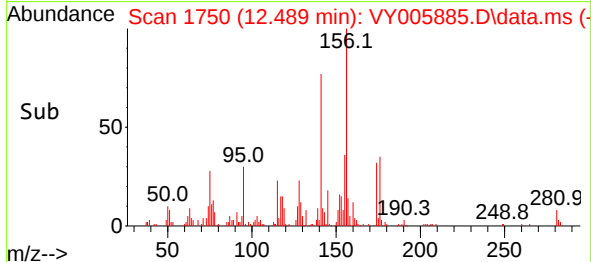
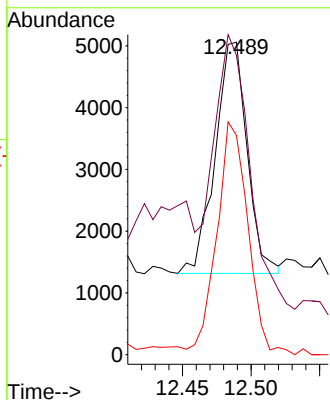
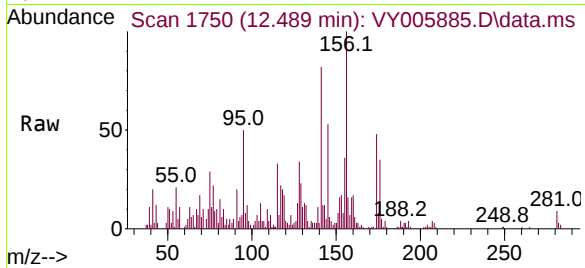




#62
4-Bromofluorobenzene
Concen: 49.944 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

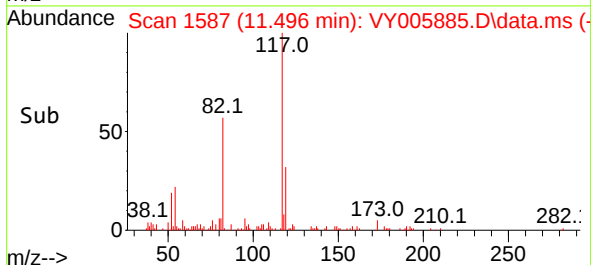
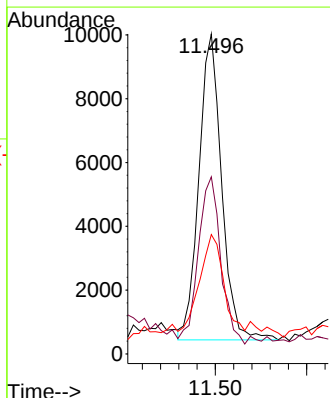
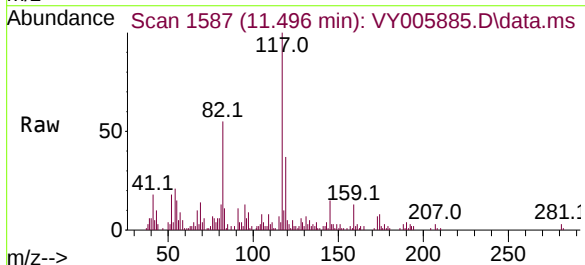
Instrument :
MSVOA_Y
ClientSampled :

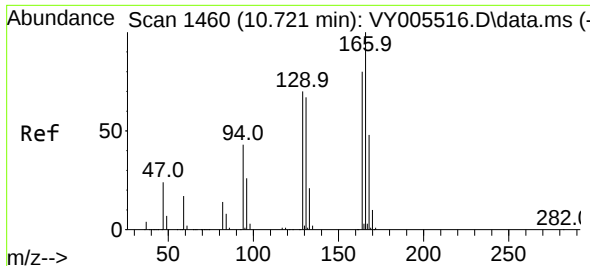
Tgt Ion:	95	Resp:	6078
Ion Ratio	Lower	Upper	
95	100		
174	136.7	0.0	191.4
176	97.8	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

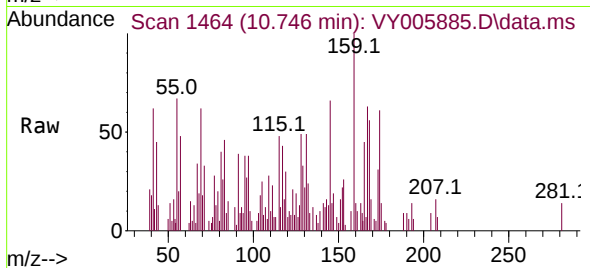
Tgt Ion:	117	Resp:	16559
Ion Ratio	Lower	Upper	
117	100		
82	53.5	43.5	65.3
119	32.1	25.5	38.3



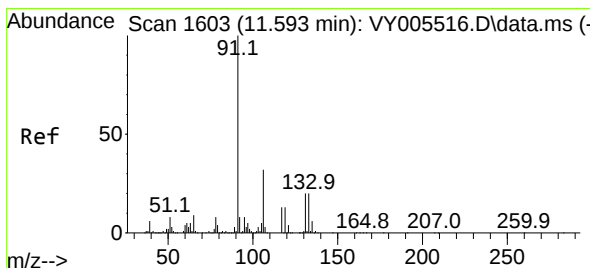
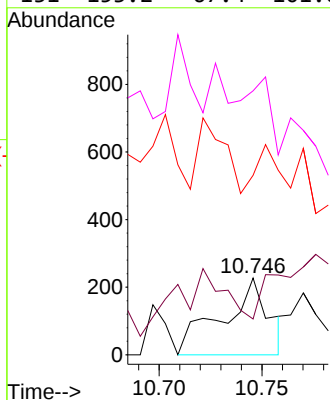
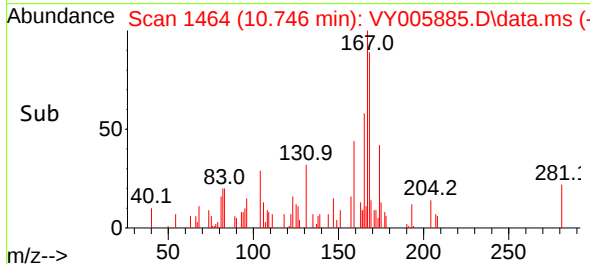


#64
Tetrachloroethene
Concen: 2.832 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.024 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

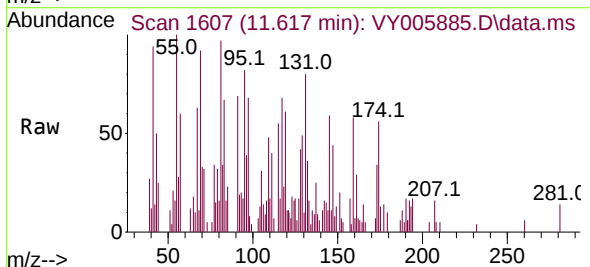
Instrument :
MSVOA_Y
ClientSampled :



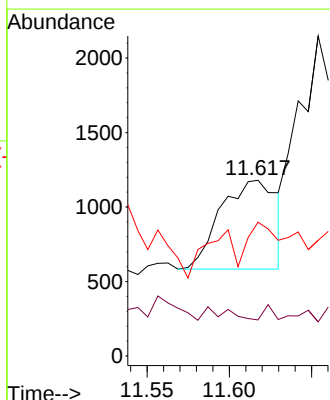
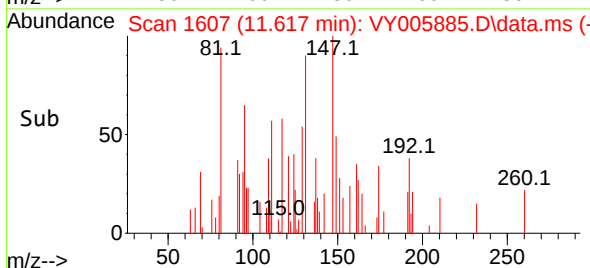
Tgt Ion:164 Resp: 357
Ion Ratio Lower Upper
164 100
166 0.0 99.8 149.8#
129 0.0 70.1 105.1#
131 153.2 67.4 101.0#

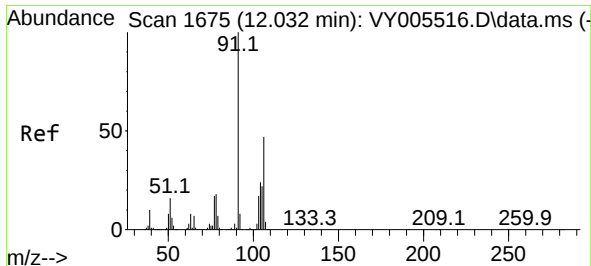


#66
1,1,1,2-Tetrachloroethane
Concen: 11.195 ug/l
RT: 11.617 min Scan# 1607
Delta R.T. 0.024 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51



Tgt Ion:131 Resp: 1404
Ion Ratio Lower Upper
131 100
133 4.2 48.2 144.6#
119 38.2 31.4 94.0

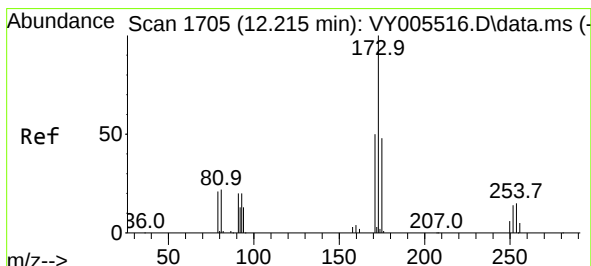
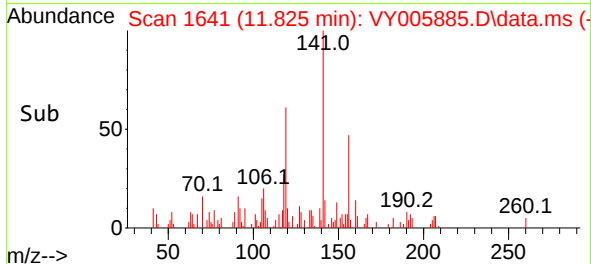
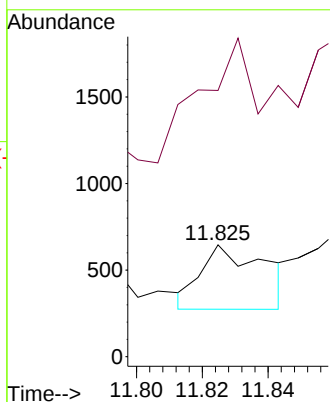
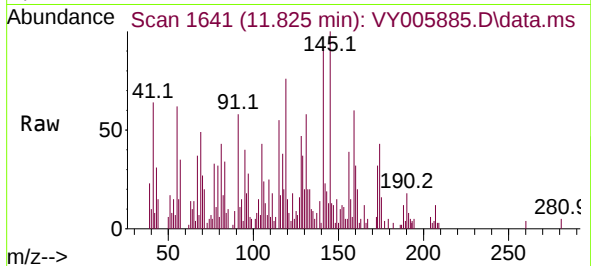




#69
o-Xylene
Concen: 2.208 ug/l
RT: 11.825 min Scan# 1641
Delta R.T. -0.207 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

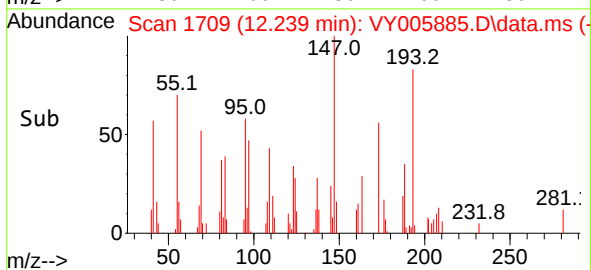
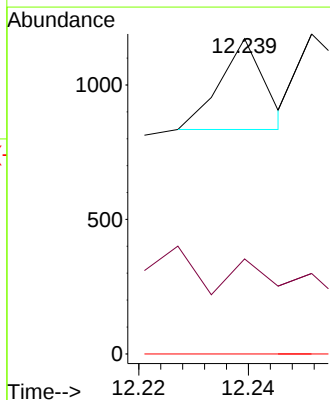
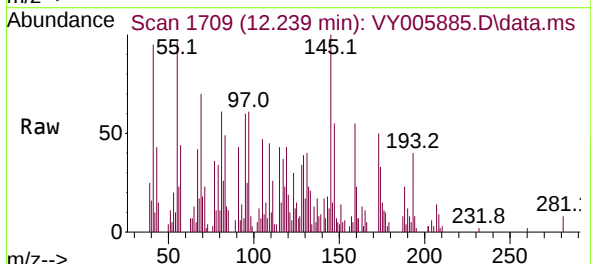
Instrument :
MSVOA_Y
ClientSampleId :

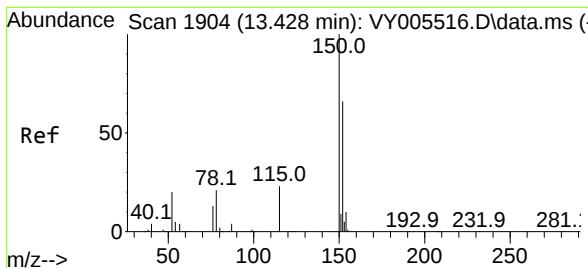
Tgt Ion:106 Resp: 498
Ion Ratio Lower Upper
106 100
91 216.7 106.2 318.6



#71
Bromoform
Concen: 2.373 ug/l
RT: 12.239 min Scan# 1709
Delta R.T. 0.024 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion:173 Resp: 193
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.9#
254 0.0 0.2 0.2#

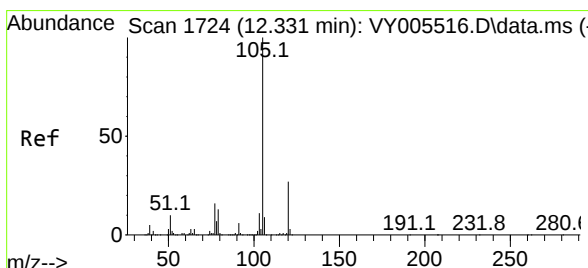
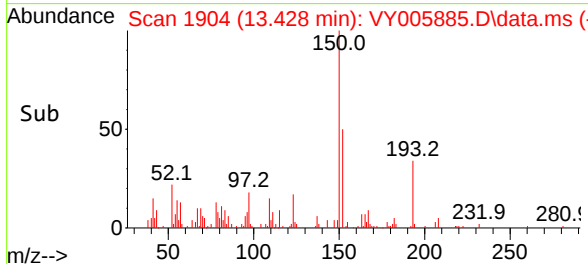
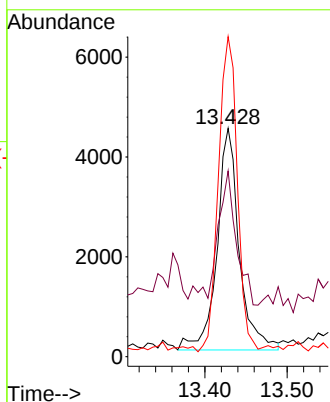
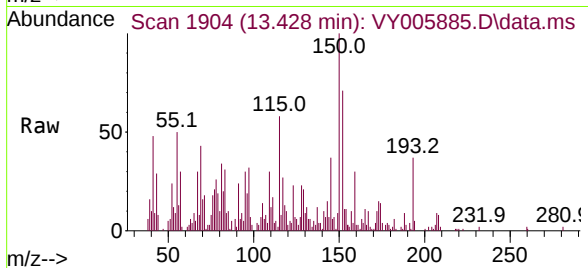




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005885.D
 Acq: 27 Aug 2021 15:51

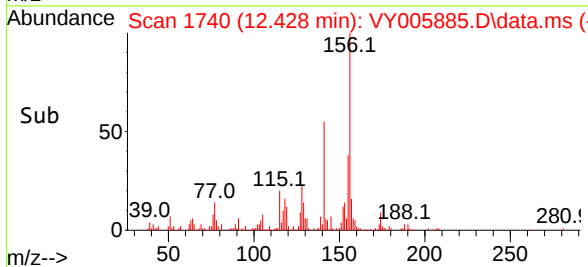
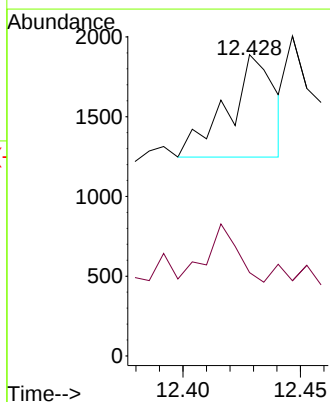
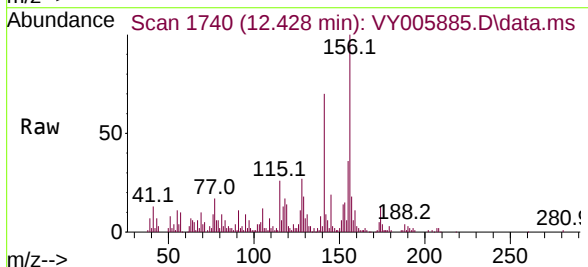
Instrument :
 MSVOA_Y
 ClientSampled :

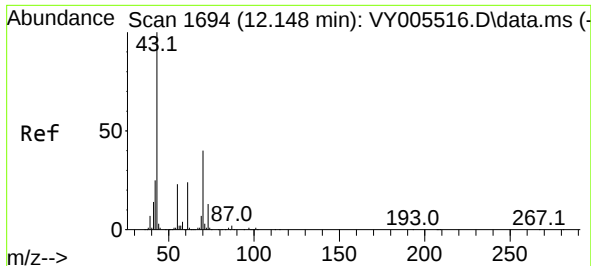
Tgt Ion:	152	Resp:	8339
Ion Ratio	Lower	Upper	
152	100		
115	48.3	27.3	81.9
150	121.4	0.0	350.2



#73
 Isopropylbenzene
 Concen: 1.520 ug/l
 RT: 12.428 min Scan# 1740
 Delta R.T. 0.097 min
 Lab File: VY005885.D
 Acq: 27 Aug 2021 15:51

Tgt Ion:	105	Resp:	885
Ion Ratio	Lower	Upper	
105	100		
120	30.4	13.7	41.1

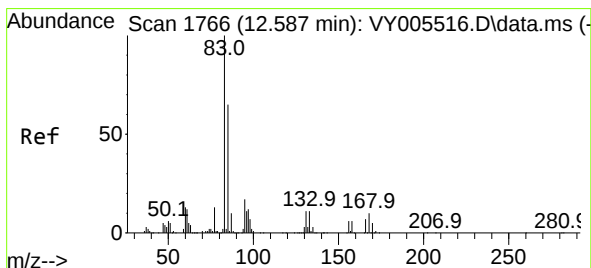
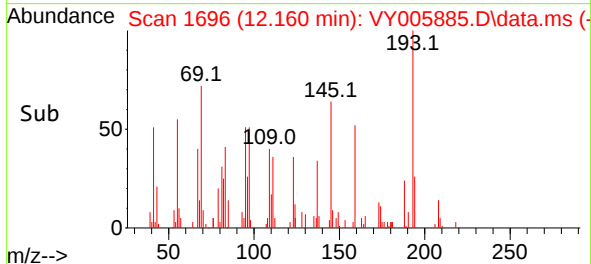
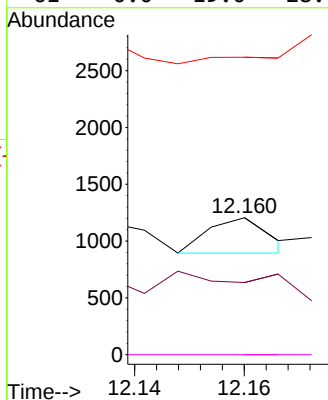
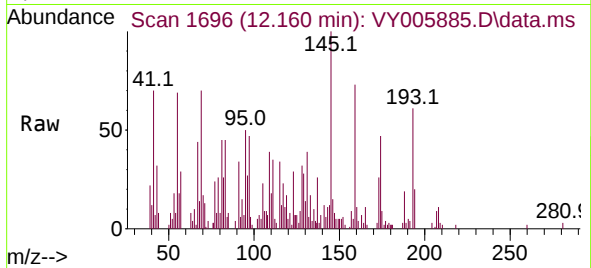




#74
N-amy1 acetate
Concen: 1.358 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.012 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

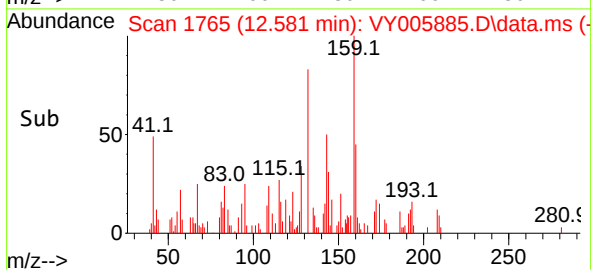
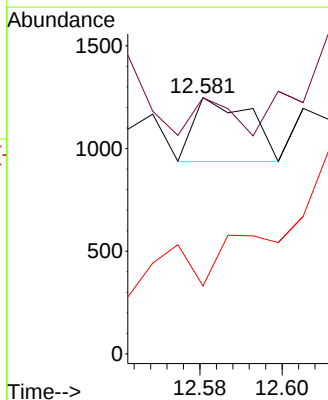
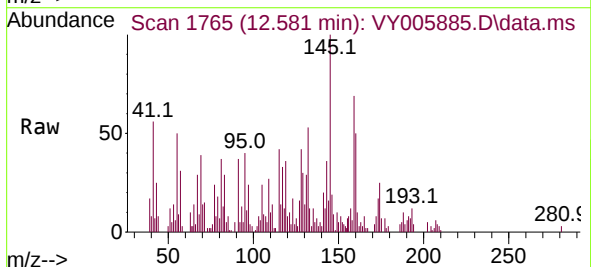
Instrument :
MSVOA_Y
ClientSampled :

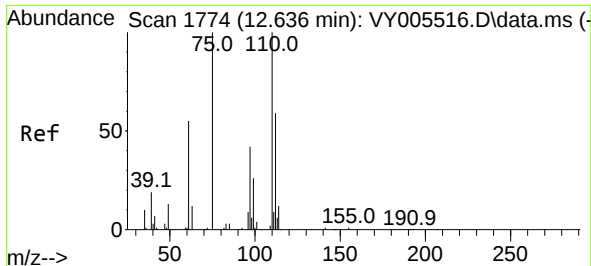
Tgt Ion:	43	Resp:	238
Ion	Ratio	Lower	Upper
43	100		
70	245.0	32.9	49.3#
55	0.0	18.9	28.3#
61	0.0	19.0	28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.644 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion:	83	Resp:	296
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	0.0	32.0	96.2#

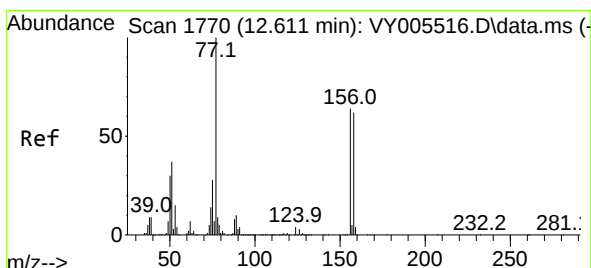
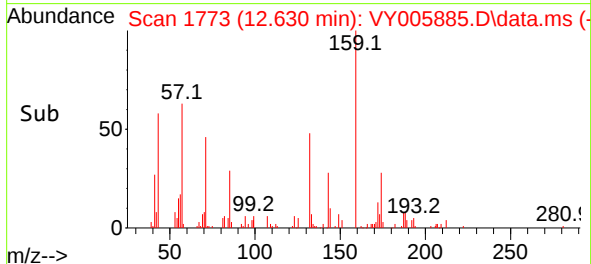
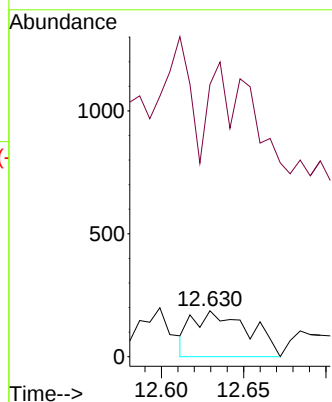
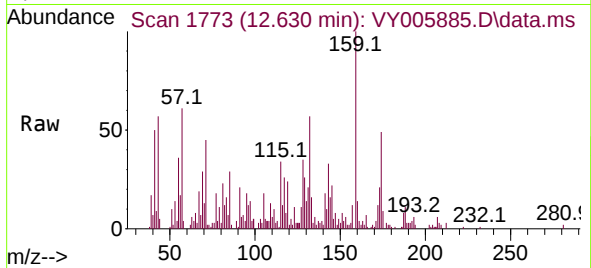




#76
1,2,3-Trichloropropane
Concen: 5.115 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

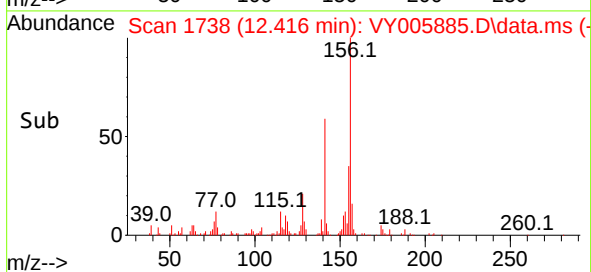
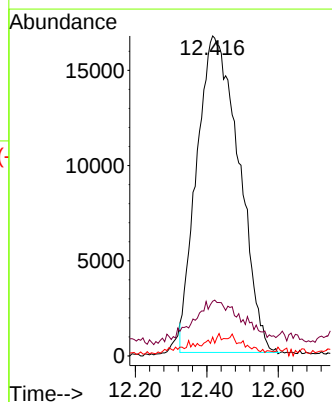
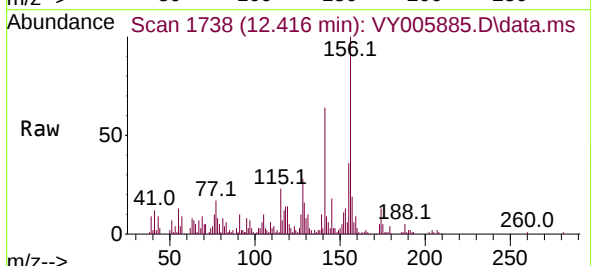
Instrument :
MSVOA_Y
ClientSampled :

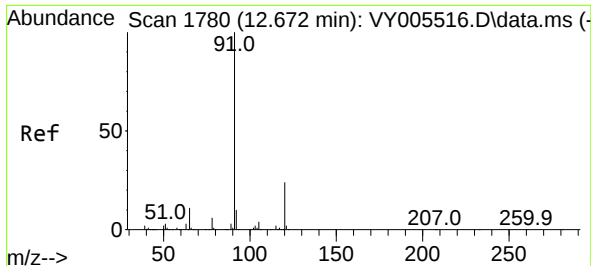
Tgt Ion: 75 Resp: 442
Ion Ratio Lower Upper
75 100
77 72.4 0.0 0.0#



#77
Bromobenzene
Concen: 950.770 ug/l
RT: 12.416 min Scan# 1738
Delta R.T. -0.195 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion:156 Resp: 135969
Ion Ratio Lower Upper
156 100
77 2.4 85.5 256.5#
158 0.2 48.5 145.6#

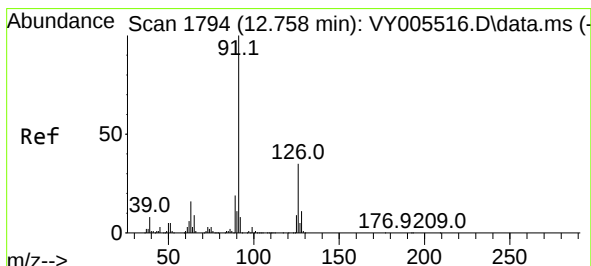
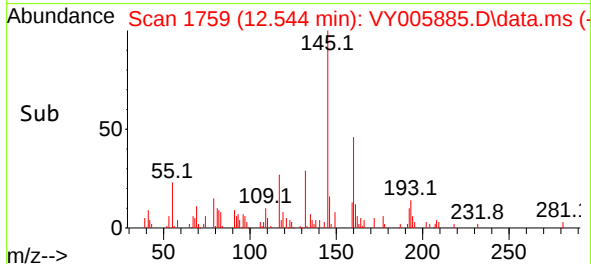
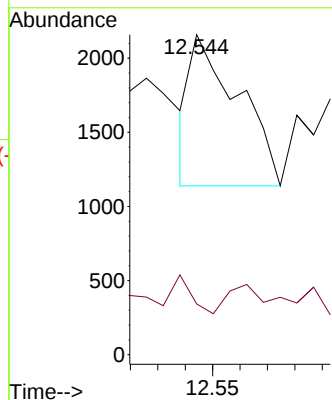
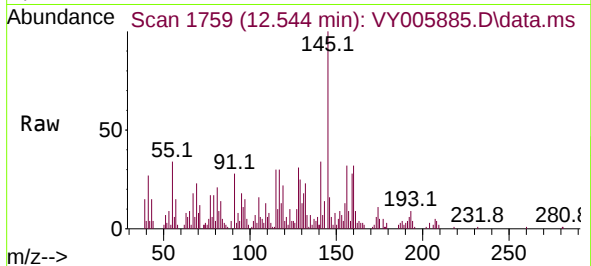




#78
n-propylbenzene
Concen: 1.808 ug/l
RT: 12.544 min Scan# 1759
Delta R.T. -0.128 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

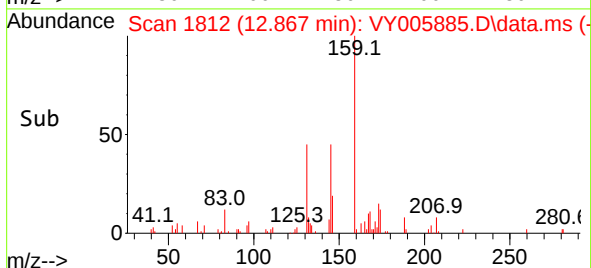
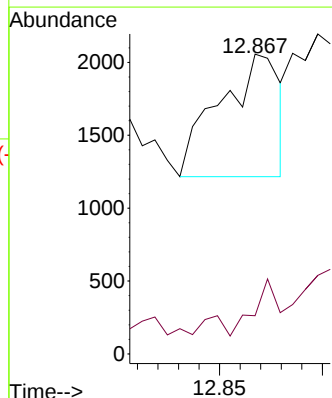
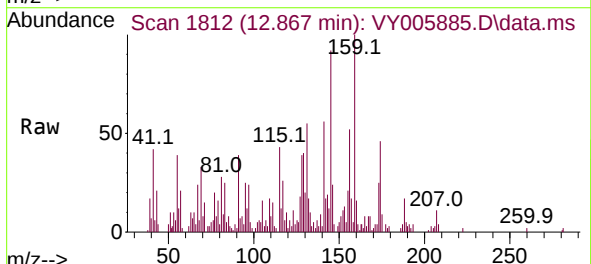
Instrument :
MSVOA_Y
ClientSampled :

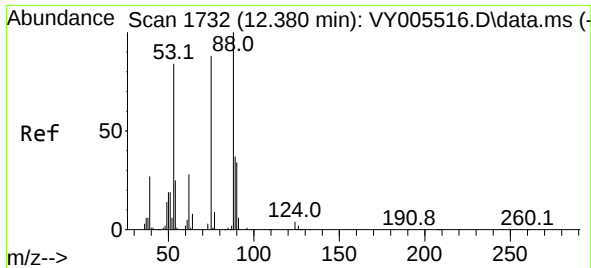
Tgt Ion: 91 Resp: 1250
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.9



#79
2-Chlorotoluene
Concen: 4.392 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.110 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion: 91 Resp: 1705
Ion Ratio Lower Upper
91 100
126 17.9 17.5 52.6

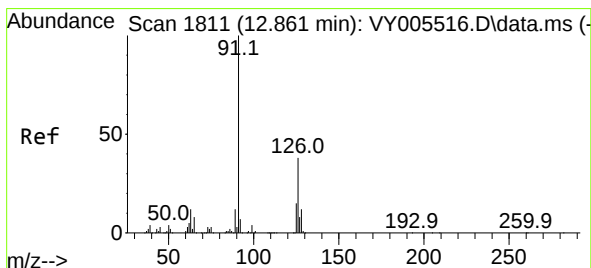
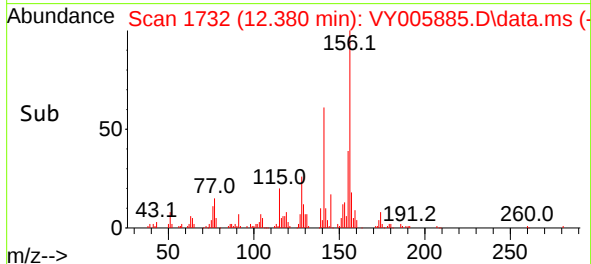
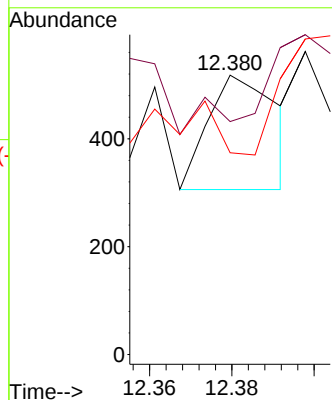
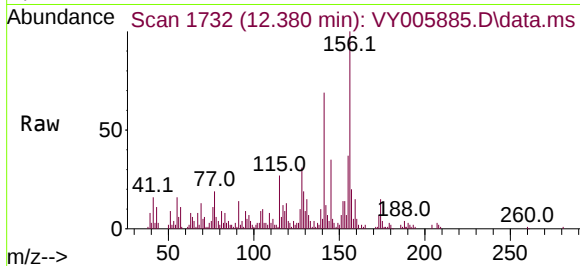




#81
trans-1,4-Dichloro-2-butene
Concen: 5.715 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

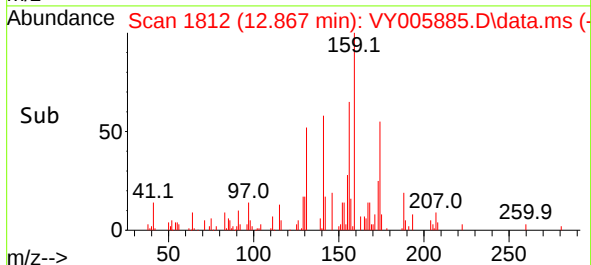
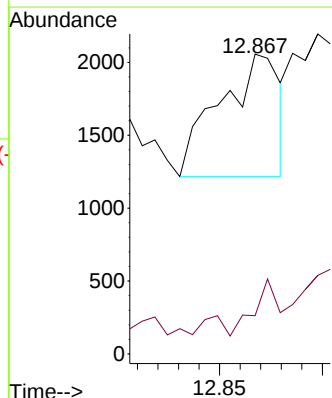
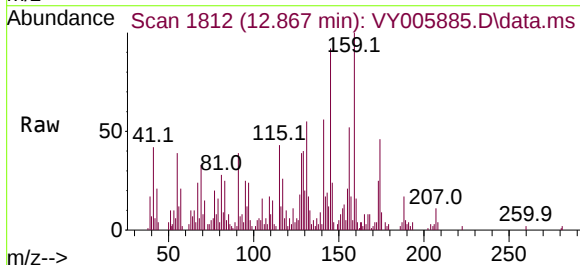
Instrument :
MSVOA_Y
ClientSampled :

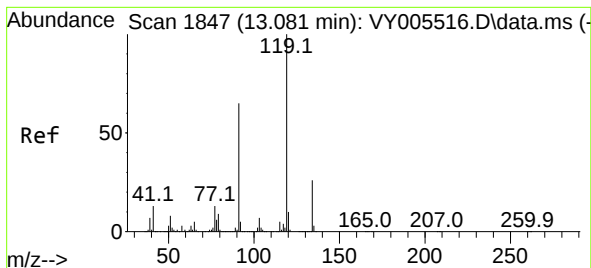
Tgt Ion: 75 Resp: 245
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 174.3 38.4 57.6#



#82
4-Chlorotoluene
Concen: 4.245 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion: 91 Resp: 1705
Ion Ratio Lower Upper
91 100
126 17.9 17.5 52.5

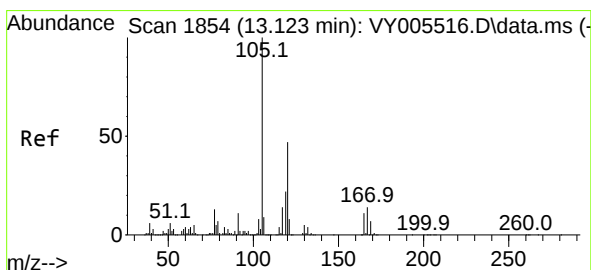
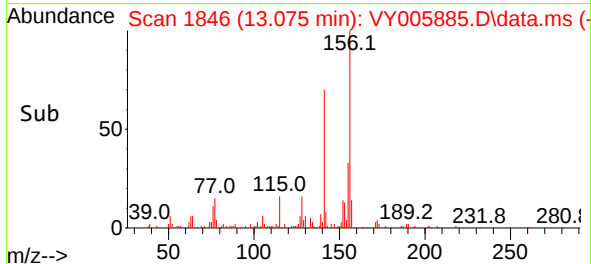
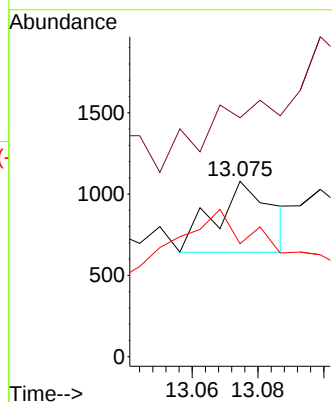
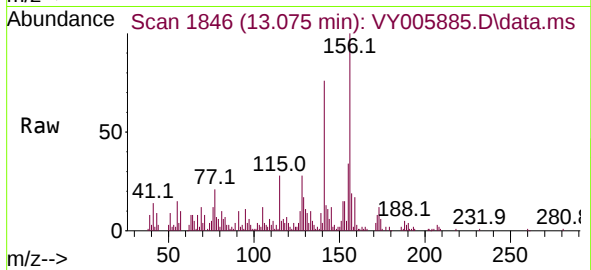




#83
tert-Butylbenzene
Concen: 1.216 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

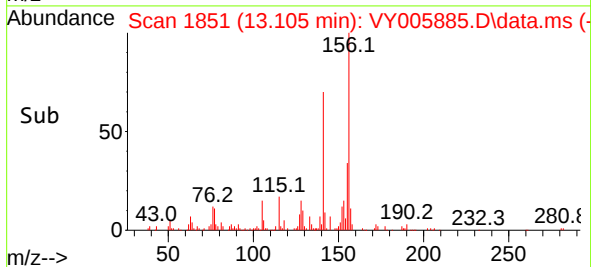
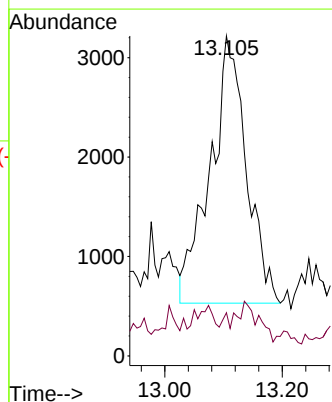
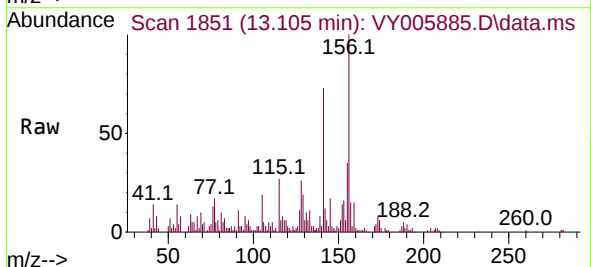
Instrument :
MSVOA_Y
ClientSampleId :

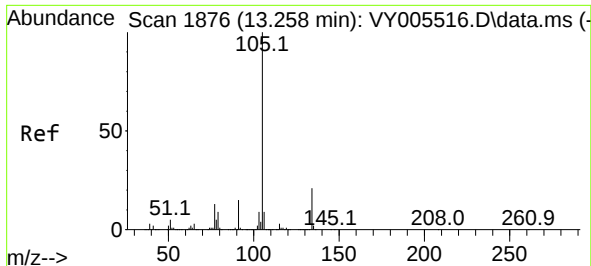
Tgt Ion:119 Resp: 527
Ion Ratio Lower Upper
119 100
91 0.0 31.9 95.9#
134 391.5 13.4 40.2#



#84
1,2,4-Trimethylbenzene
Concen: 24.149 ug/l
RT: 13.105 min Scan# 1851
Delta R.T. -0.018 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion:105 Resp: 11511
Ion Ratio Lower Upper
105 100
120 2.6 22.9 68.5#

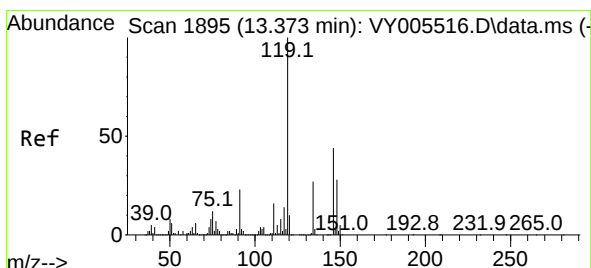
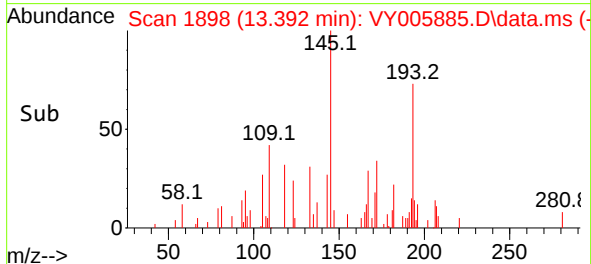
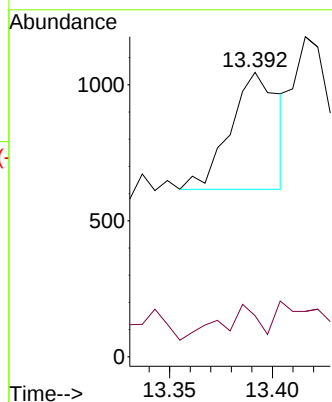
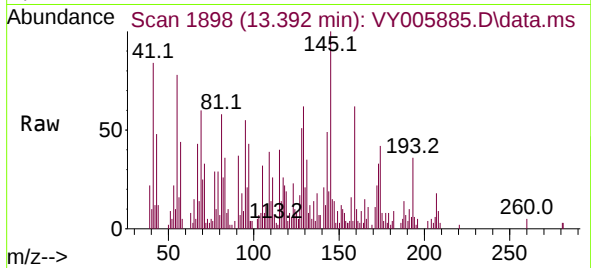




#85
 sec-Butylbenzene
 Concen: 1.123 ug/l
 RT: 13.392 min Scan# 1898
 Delta R.T. 0.134 min
 Lab File: VY005885.D
 Acq: 27 Aug 2021 15:51

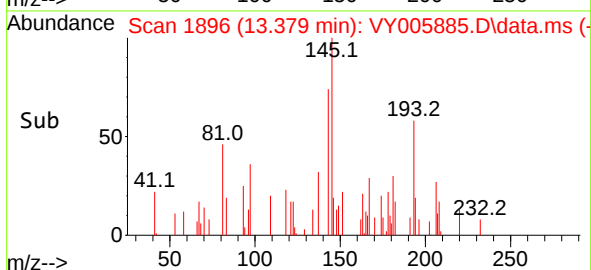
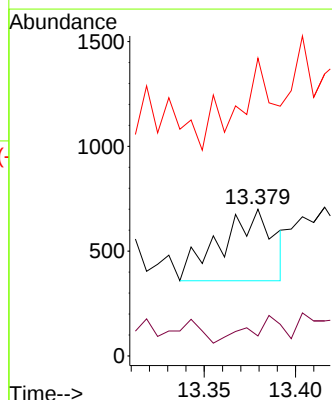
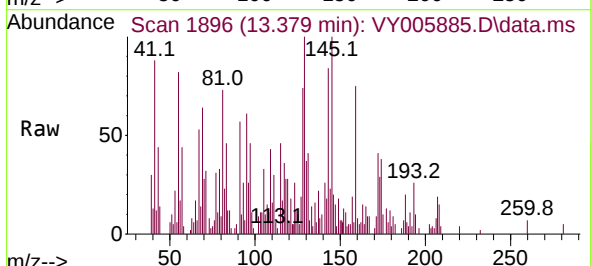
Instrument :
 MSVOA_Y
 ClientSampled :

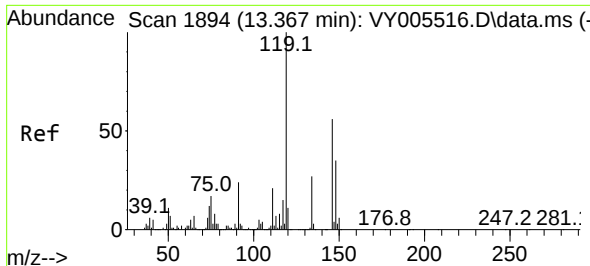
Tgt Ion:105 Resp: 702
 Ion Ratio Lower Upper
 105 100
 134 22.6 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 1.280 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY005885.D
 Acq: 27 Aug 2021 15:51

Tgt Ion:119 Resp: 687
 Ion Ratio Lower Upper
 119 100
 134 23.1 13.6 40.7
 91 85.4 11.6 34.7#





#87

1,3-Dichlorobenzene

Concen: 1.136 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY005885.D

Acq: 27 Aug 2021 15:51

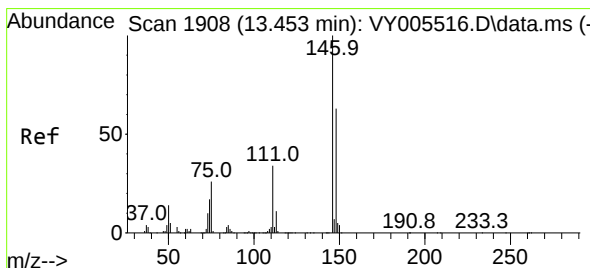
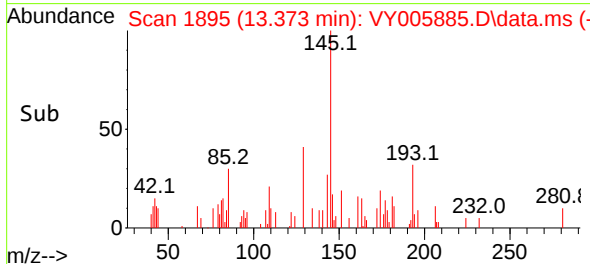
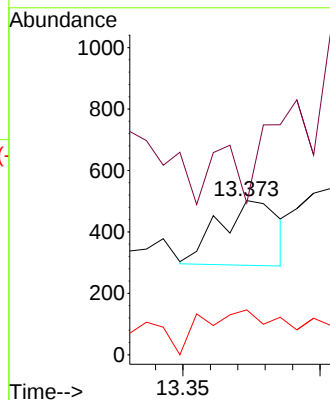
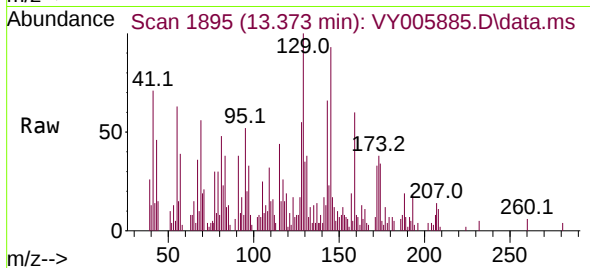
Tgt Ion:146 Resp: 317

Ion Ratio Lower Upper

146 100

111 42.3 18.6 56.0

148 93.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 1.615 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.079 min

Lab File: VY005885.D

Acq: 27 Aug 2021 15:51

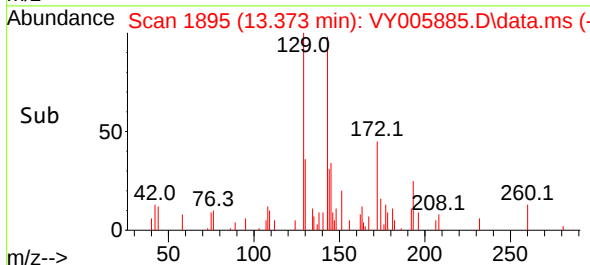
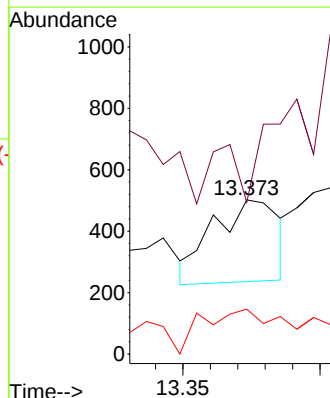
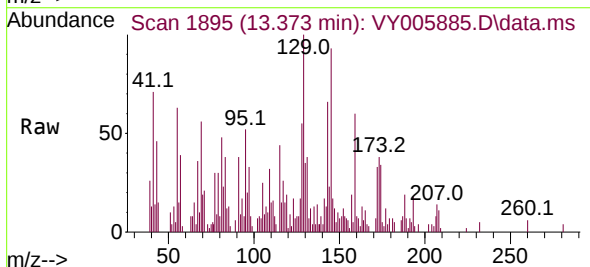
Tgt Ion:146 Resp: 447

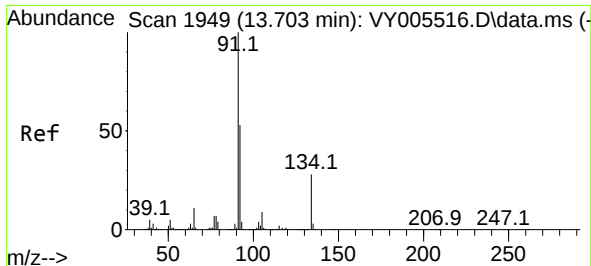
Ion Ratio Lower Upper

146 100

111 30.0 18.1 54.3

148 66.0 31.8 95.3

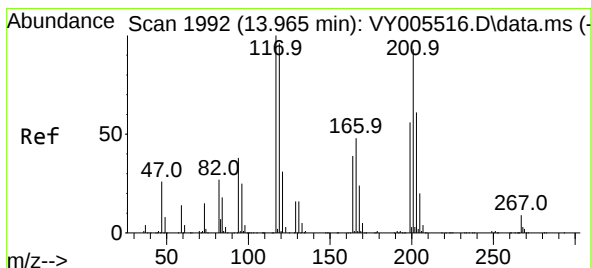
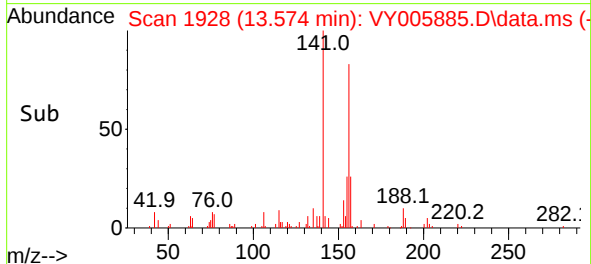
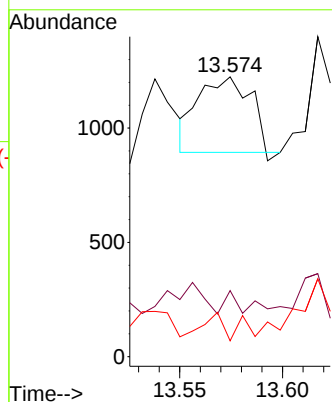
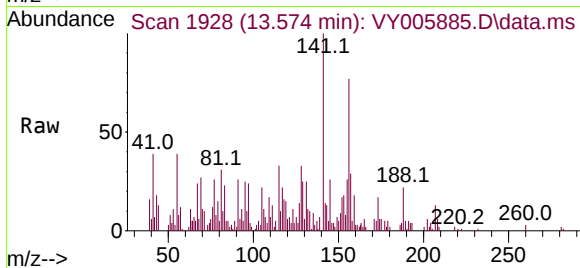




#89
n-Butylbenzene
Concen: 1.180 ug/l
RT: 13.574 min Scan# 1928
Delta R.T. -0.128 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

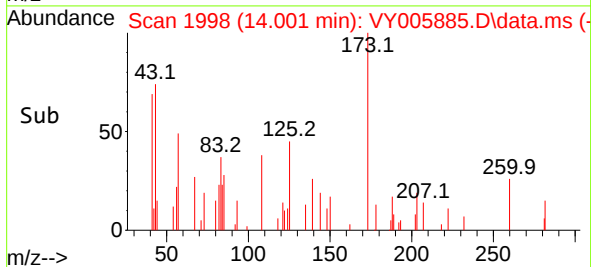
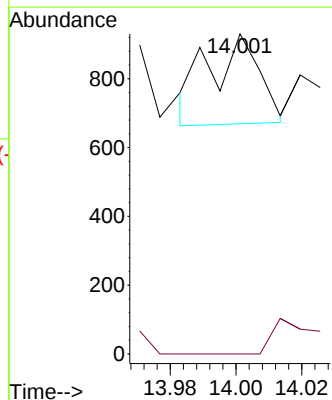
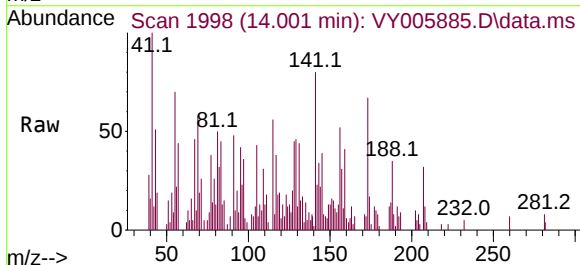
Instrument :
MSVOA_Y
ClientSampled :

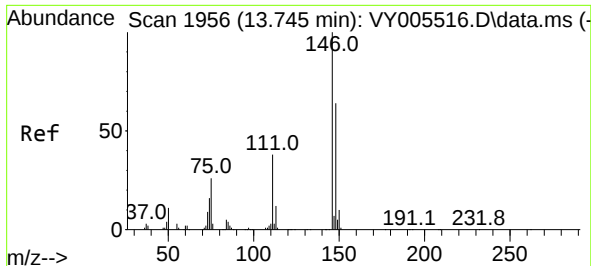
Tgt Ion: 91 Resp: 574
Ion Ratio Lower Upper
91 100
92 29.4 26.7 80.1
134 15.3 13.8 41.4



#90
Hexachloroethane
Concen: 2.881 ug/l
RT: 14.001 min Scan# 1998
Delta R.T. 0.036 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion: 117 Resp: 278
Ion Ratio Lower Upper
117 100
201 47.1 46.7 140.1

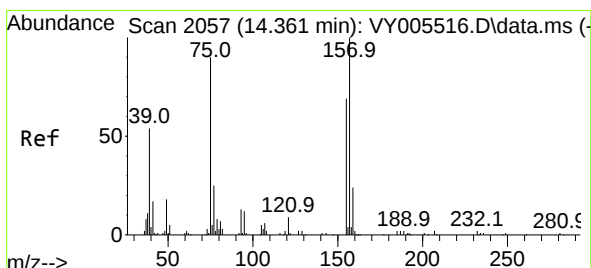
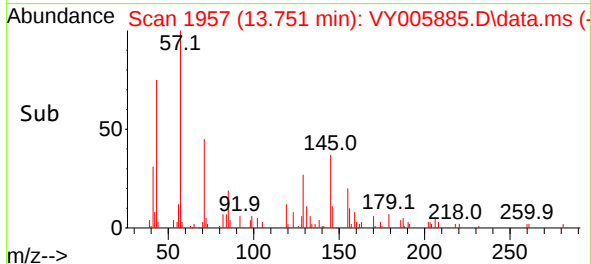
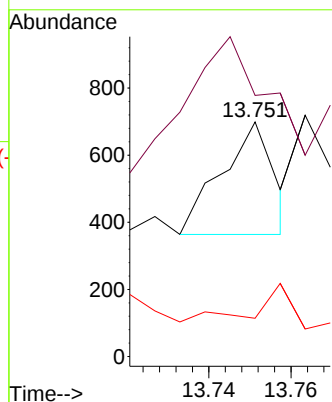
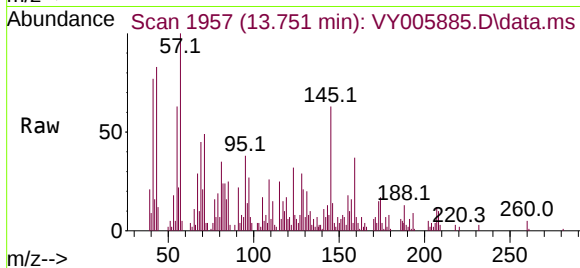




#91
1,2-Dichlorobenzene
Concen: 1.209 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:146 Resp: 298
Ion Ratio Lower Upper
146 100
111 375.2 19.4 58.2#
148 43.3 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 32.228 ug/l
RT: 14.312 min Scan# 2049
Delta R.T. -0.049 min
Lab File: VY005885.D
Acq: 27 Aug 2021 15:51

Tgt Ion: 75 Resp: 684
Ion Ratio Lower Upper
75 100
155 23.8 42.4 127.1#
157 0.0 56.0 168.2#

