

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005636.D
 Acq On : 13 Aug 2021 16:06
 Operator : SY/MD
 Sample : M3404-07
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-1-6FT

Quant Time: Aug 14 03:35:59 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)

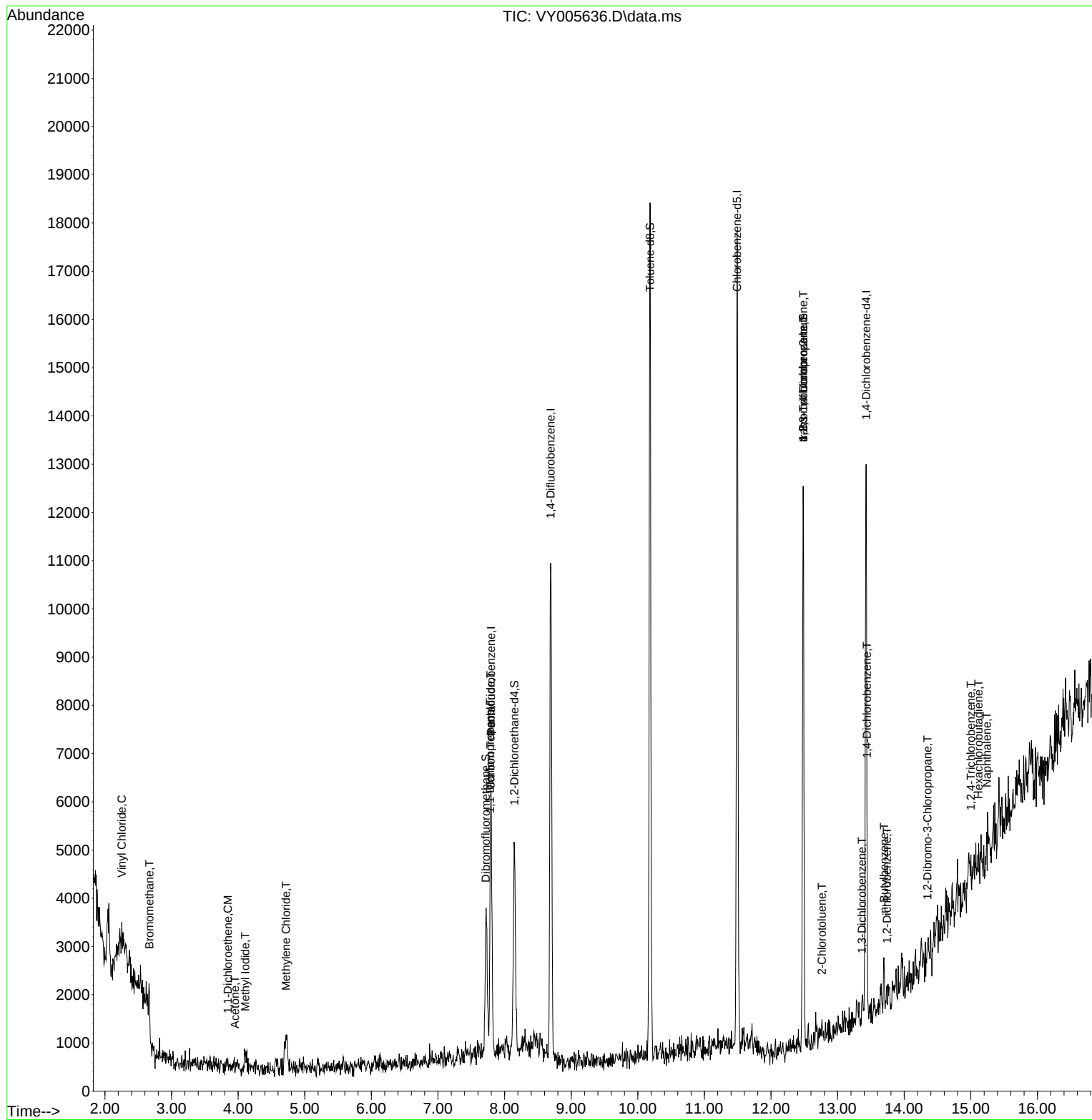
Internal Standards						
1) Pentafluorobenzene	7.795	168	4796	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	9404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	9401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3386	69.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.500%
35) Dibromofluoromethane	7.716	113	1963	37.283	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.560%
50) Toluene-d8	10.185	98	11581	52.447	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.900%
62) 4-Bromofluorobenzene	12.483	95	3350	45.814	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.620%
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.253	62	117	2.076	ug/l	# 78
5) Bromomethane	2.668	94	56	1.510	ug/l	# 34
10) Methyl Iodide	4.107	142	697	13.668	ug/l	# 90
12) 1,1-Dichloroethene	3.844	96	52	1.258	ug/l	# 1
16) Acetone	3.954	43	20	1.634	ug/l	# 45
20) Methylene Chloride	4.716	84	566	6.375	ug/l	# 74
36) 1,1-Dichloropropene	7.783	75	377	4.274	ug/l	# 41
38) Carbon Tetrachloride	7.789	117	354	3.693	ug/l	# 13
76) 1,2,3-Trichloropropane	12.483	75	1913	60.052	ug/l	# 100
79) 2-Chlorotoluene	12.764	91	163	1.139	ug/l	# 40
81) trans-1,4-Dichloro-2-b...	12.483	75	1913	121.058	ug/l	# 11
87) 1,3-Dichlorobenzene	13.367	146	112	1.089	ug/l	# 71
88) 1,4-Dichlorobenzene	13.440	146	188	1.842	ug/l	# 53
89) n-Butylbenzene	13.696	91	230	1.283	ug/l	# 33
91) 1,2-Dichlorobenzene	13.739	146	158	1.739	ug/l	# 35
92) 1,2-Dibromo-3-Chloropr...	14.349	75	19	2.429	ug/l	# 1
93) 1,2,4-Trichlorobenzene	15.001	180	95	1.522	ug/l	# 73
94) Hexachlorobutadiene	15.117	225	83	2.054	ug/l	# 42
95) Naphthalene	15.239	128	199	1.617	ug/l	# 69

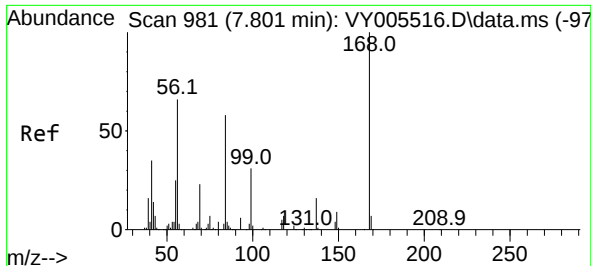
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
Data File : VY005636.D
Acq On : 13 Aug 2021 16:06
Operator : SY/MD
Sample : M3404-07
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

Quant Time: Aug 14 03:35:59 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

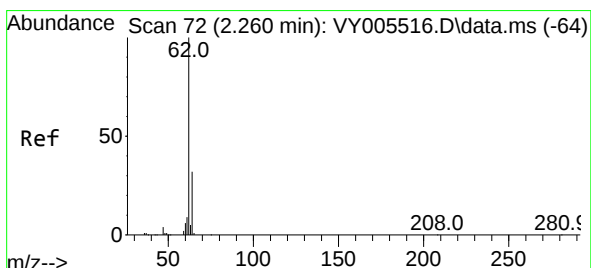
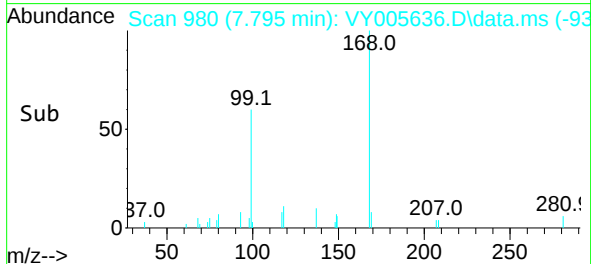
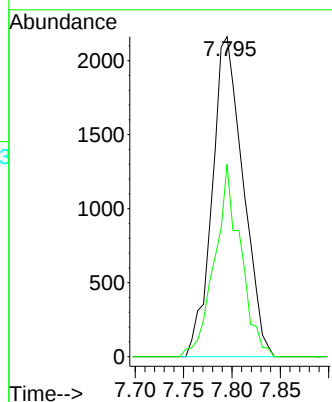
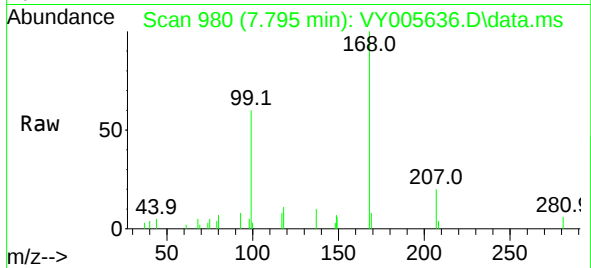




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

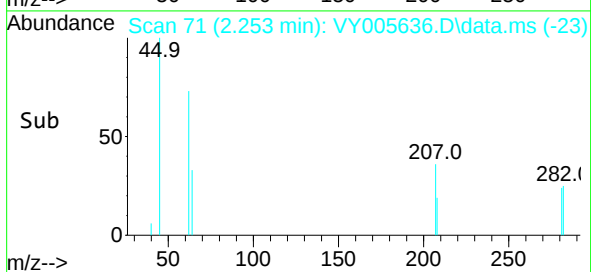
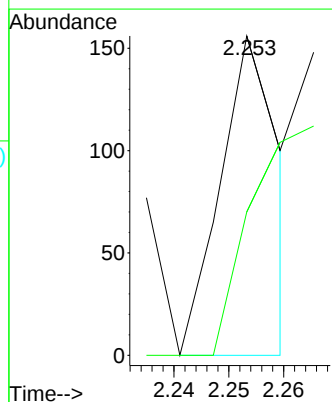
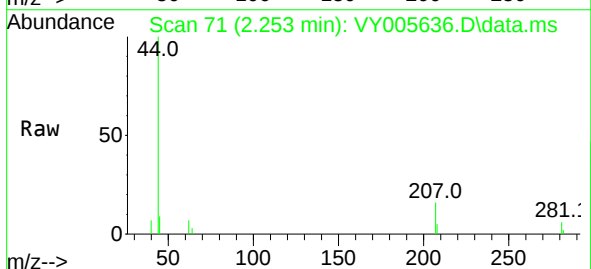
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

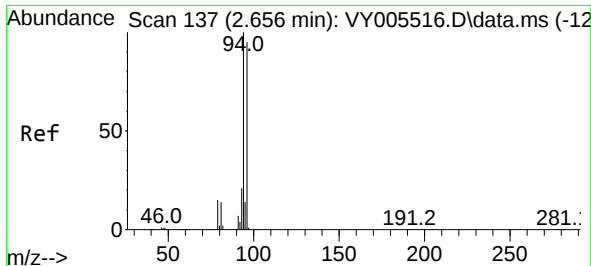
Tgt Ion:168 Resp: 4796
Ion Ratio Lower Upper
168 100
99 60.1 38.9 58.3#



#4
Vinyl Chloride
Concen: 2.076 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion: 62 Resp: 117
Ion Ratio Lower Upper
62 100
64 44.9 25.9 38.9#

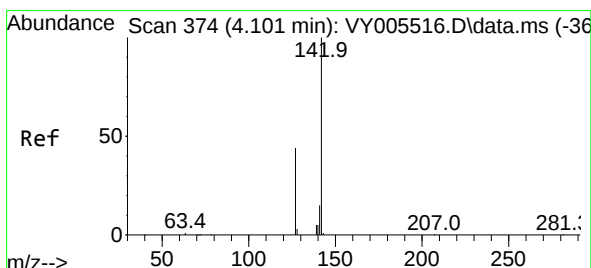
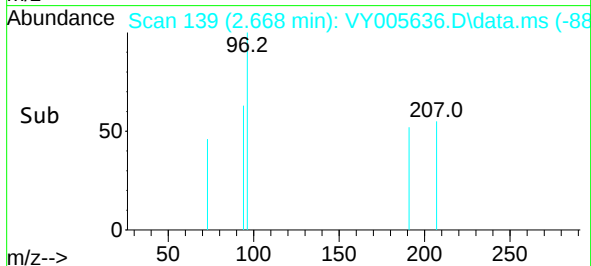
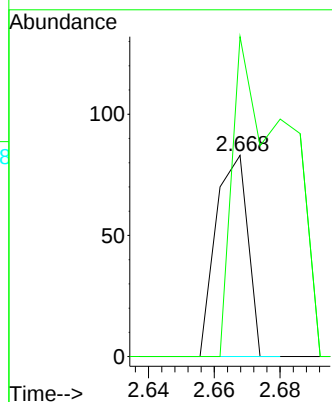
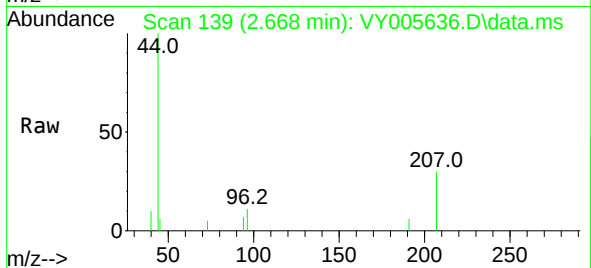




#5
Bromomethane
Concen: 1.510 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

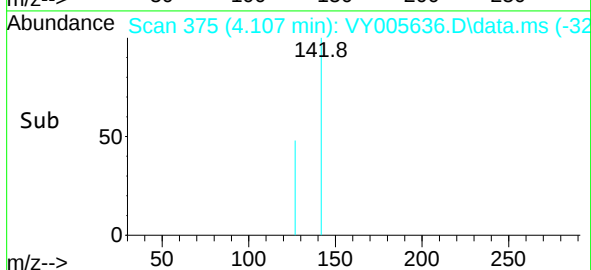
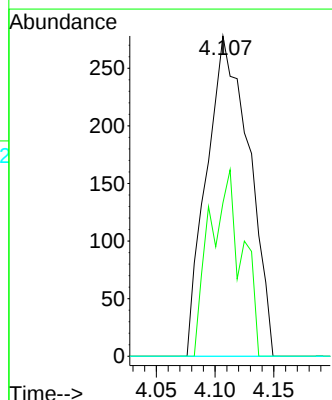
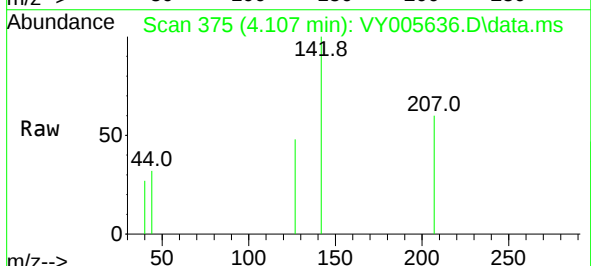
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

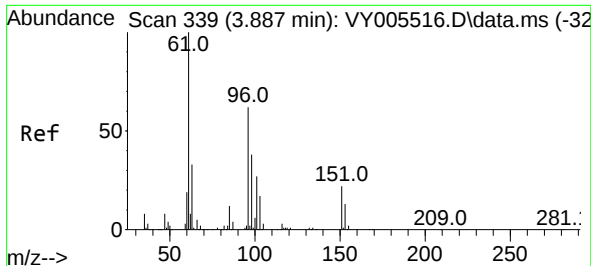
Tgt Ion: 94 Resp: 56
Ion Ratio Lower Upper
94 100
96 159.0 75.7 113.5#



#10
Methyl Iodide
Concen: 13.668 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion: 142 Resp: 697
Ion Ratio Lower Upper
142 100
127 44.6 36.6 54.8
141 0.0 12.2 18.4#

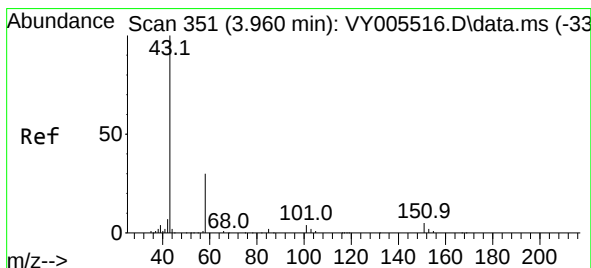
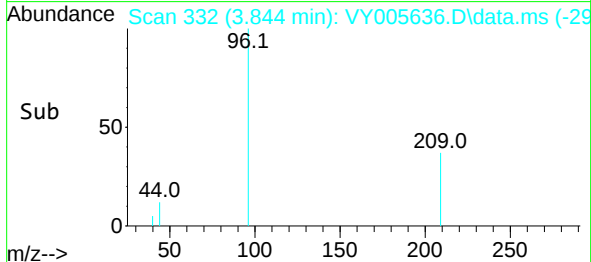
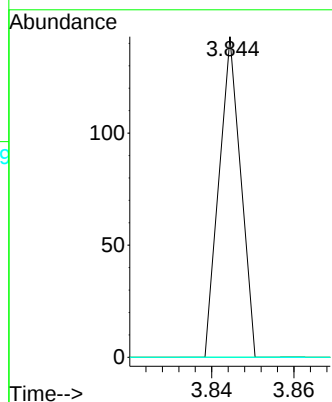
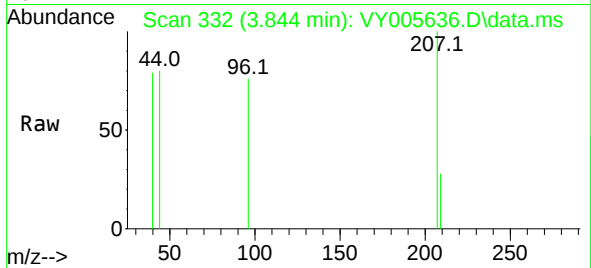




#12
1,1-Dichloroethene
Concen: 1.258 ug/l
RT: 3.844 min Scan# 332
Delta R.T. -0.043 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

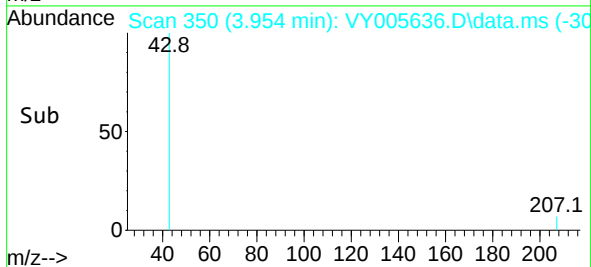
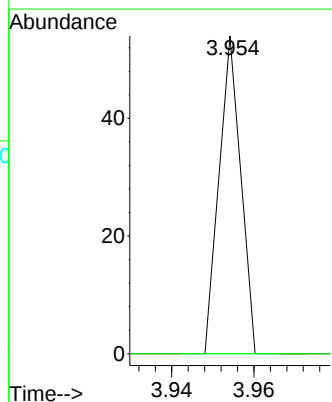
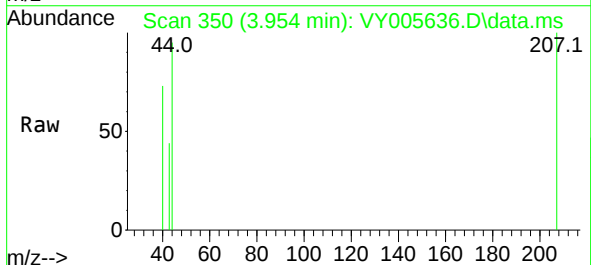
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

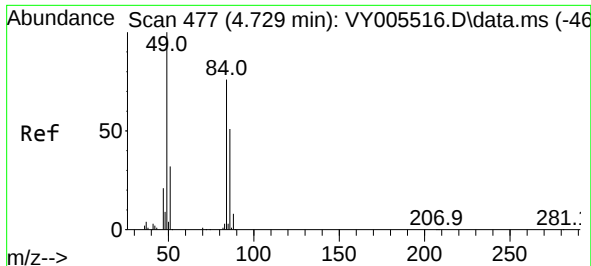
Tgt Ion: 96 Resp: 52
Ion Ratio Lower Upper
96 100
61 0.0 128.6 192.8#
98 0.0 49.2 73.8#



#16
Acetone
Concen: 1.634 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

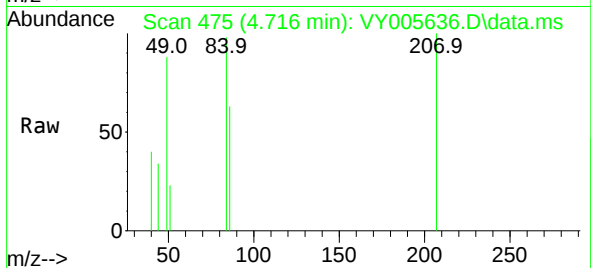
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



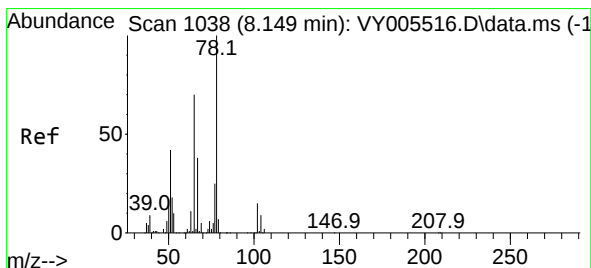
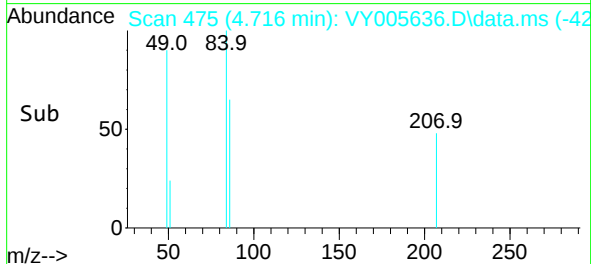
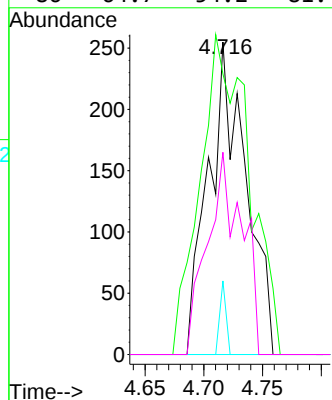


#20
Methylene Chloride
Concen: 6.375 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

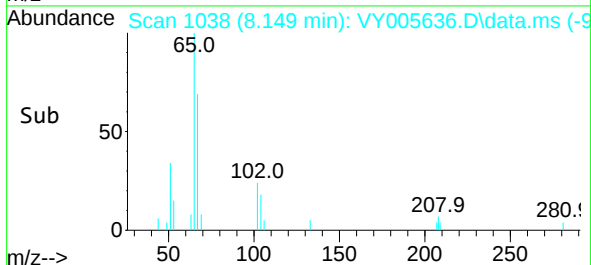
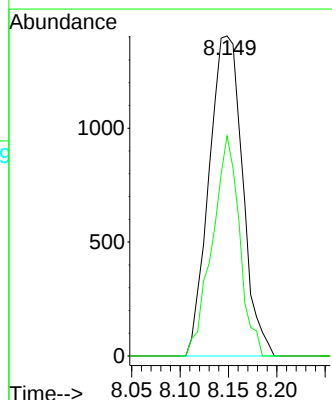
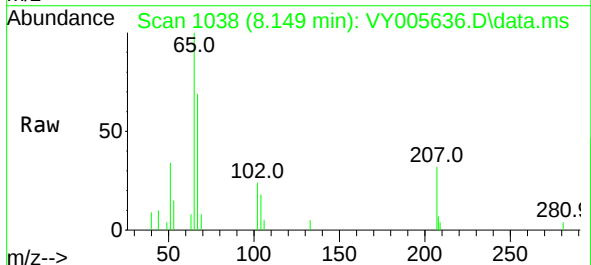


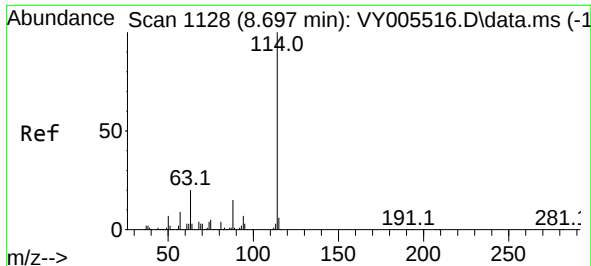
Tgt Ion: 84	Resp: 566
Ion Ratio	Lower Upper
84 100	
49 89.8	105.8 158.6#
51 23.5	33.4 50.2#
86 64.7	54.2 81.4



#33
1,2-Dichloroethane-d4
Concen: 69.746 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion: 65	Resp: 3386
Ion Ratio	Lower Upper
65 100	
67 55.7	0.0 103.4

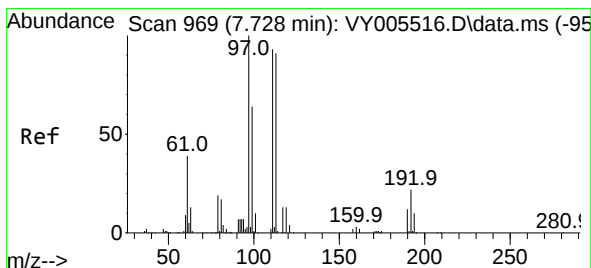
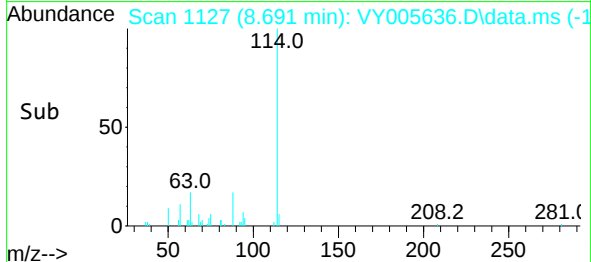
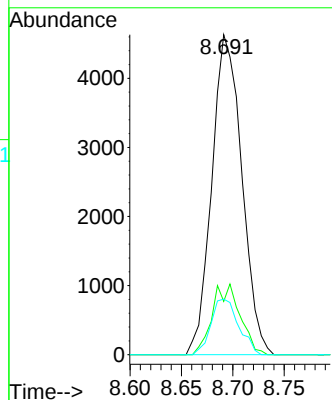
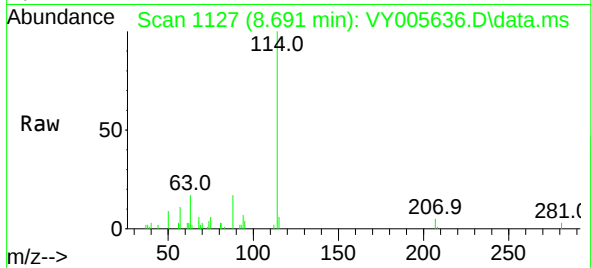




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

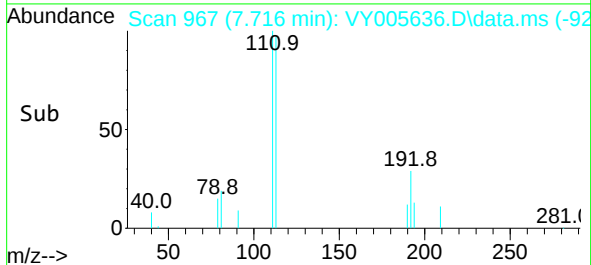
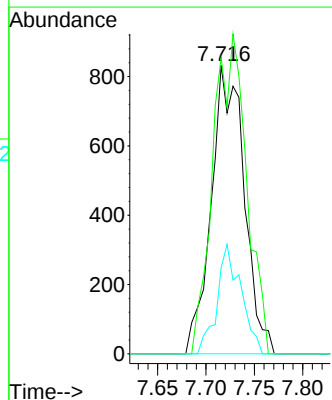
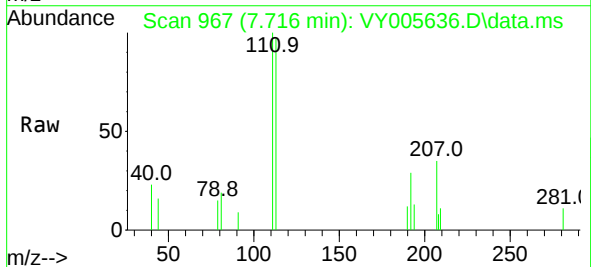
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

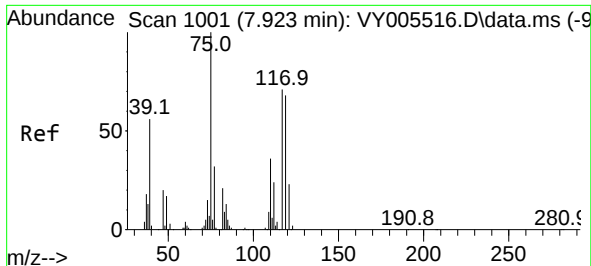
Tgt Ion:114 Resp: 9404
Ion Ratio Lower Upper
114 100
63 16.6 0.0 39.2
88 17.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 37.283 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.012 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion:113 Resp: 1963
Ion Ratio Lower Upper
113 100
111 113.2 81.9 122.9
192 27.6 19.2 28.8

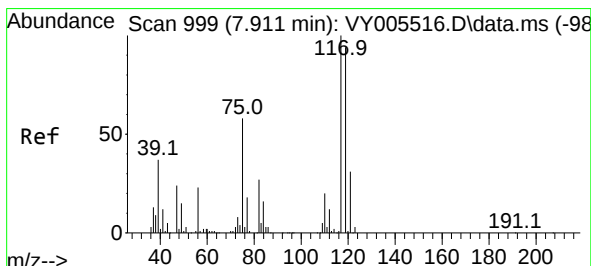
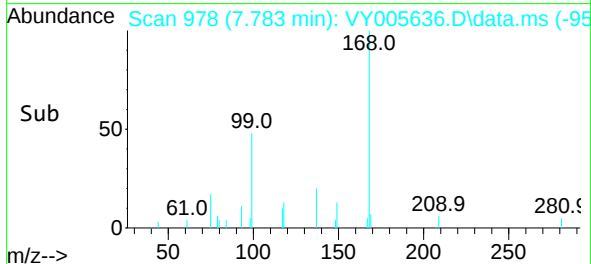
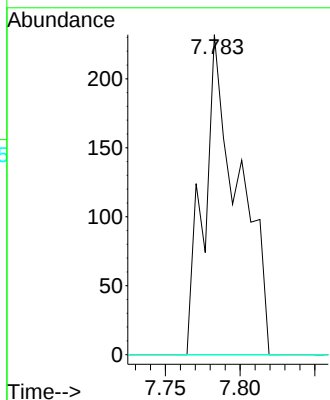
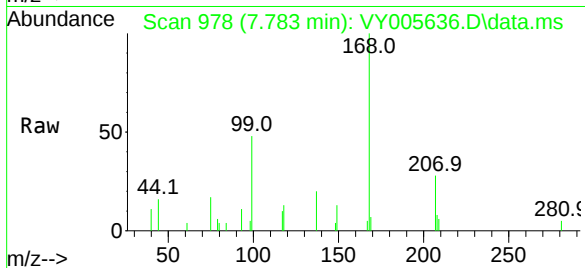




#36
 1,1-Dichloropropene
 Concen: 4.274 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.140 min
 Lab File: VY005636.D
 Acq: 13 Aug 2021 16:06

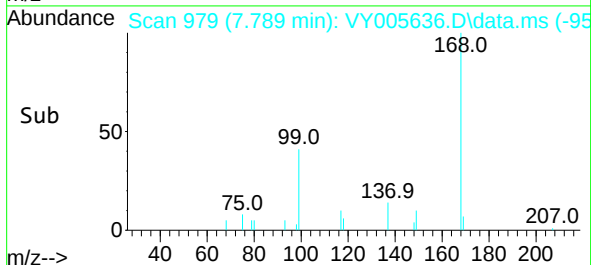
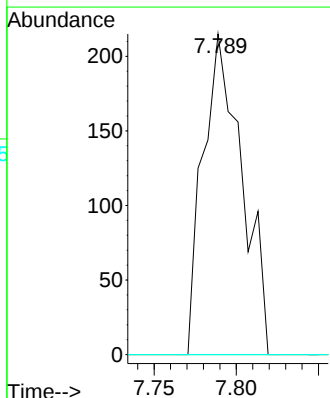
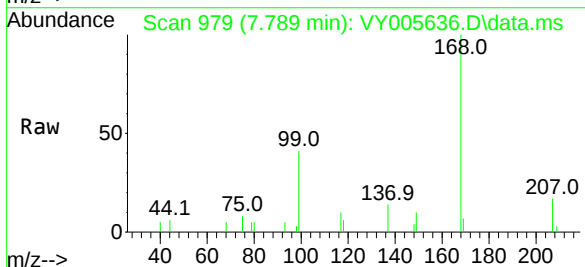
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-1-6FT

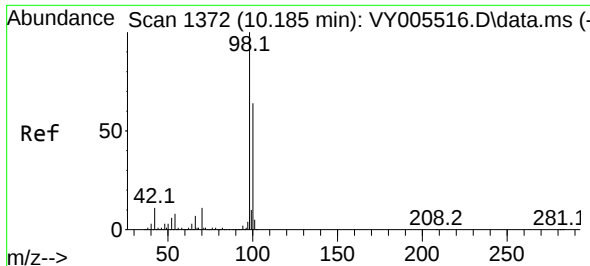
Tgt Ion:	75	Resp:	377
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 3.693 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.122 min
 Lab File: VY005636.D
 Acq: 13 Aug 2021 16:06

Tgt Ion:	117	Resp:	354
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
121	0.0	25.1	37.7#

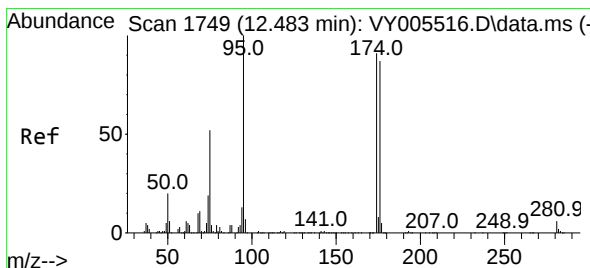
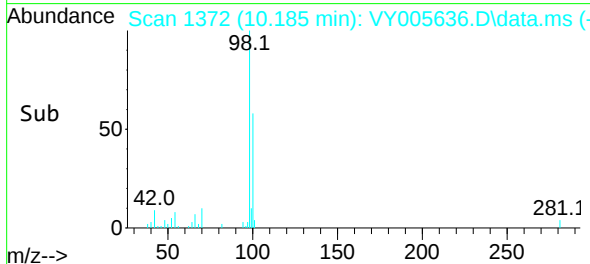
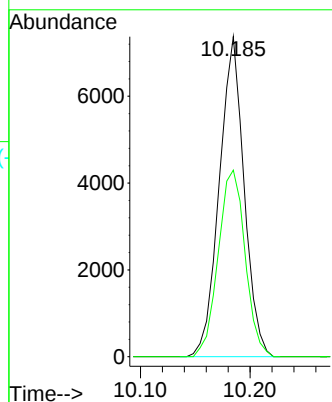
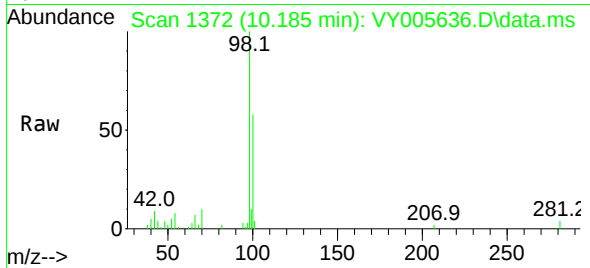




#50
Toluene-d8
Concen: 52.447 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

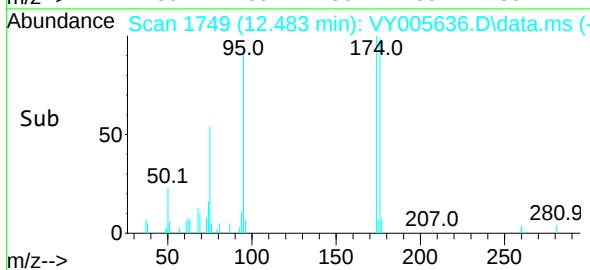
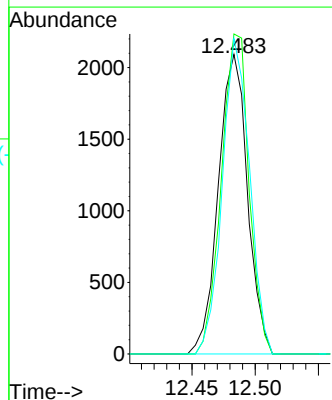
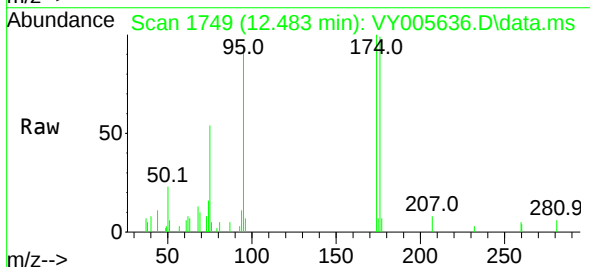
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

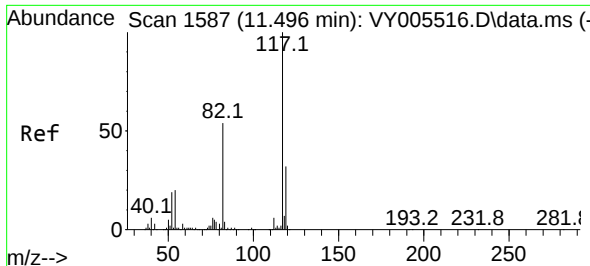
Tgt Ion: 98 Resp: 11581
Ion Ratio Lower Upper
98 100
100 63.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.814 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion: 95 Resp: 3350
Ion Ratio Lower Upper
95 100
174 101.6 0.0 191.4
176 98.2 0.0 183.6

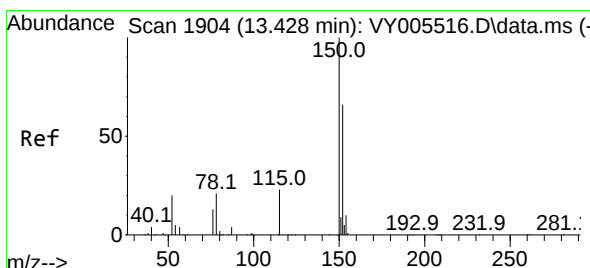
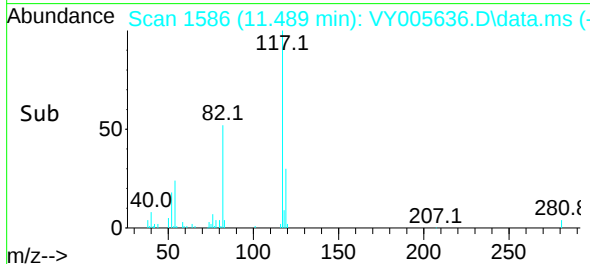
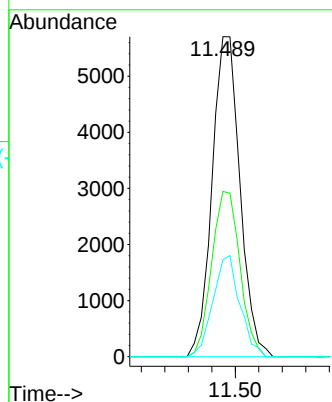
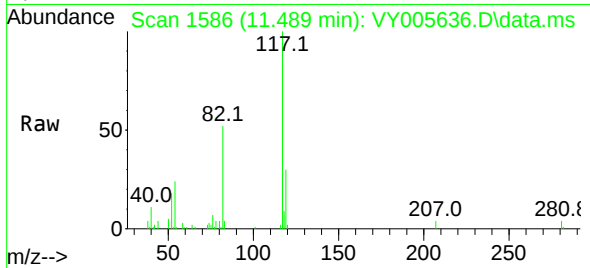




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

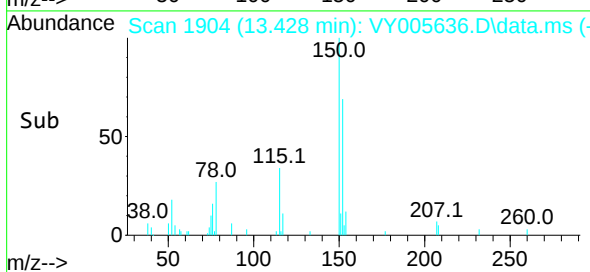
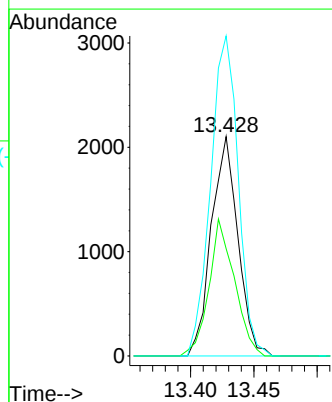
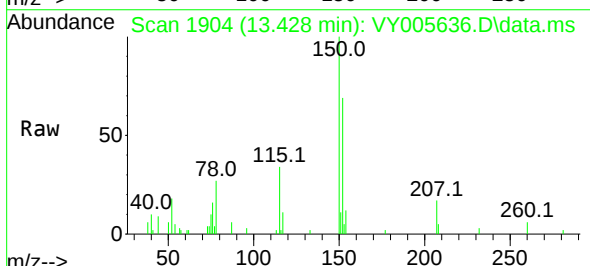
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

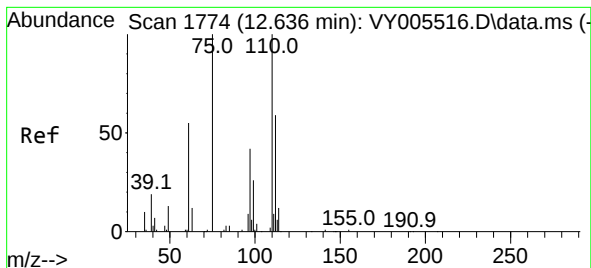
Tgt Ion:	117	Resp:	9401
Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.5	65.3
119	30.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion:	152	Resp:	3074
Ion	Ratio	Lower	Upper
152	100		
115	60.1	27.3	81.9
150	151.5	0.0	350.2

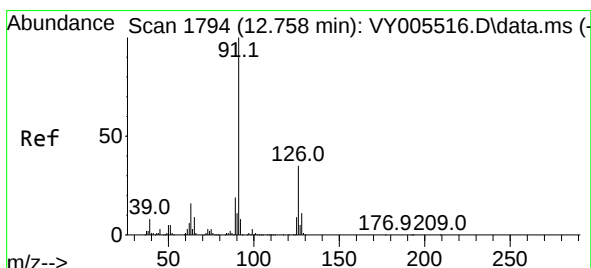
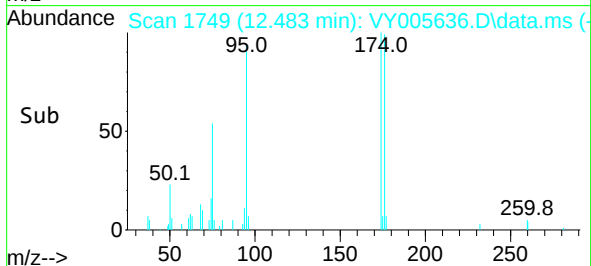
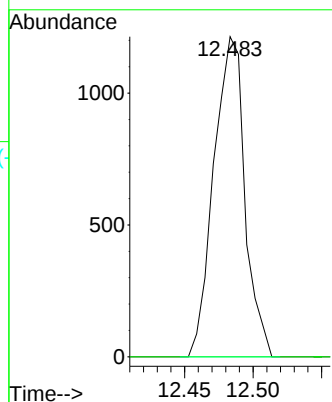
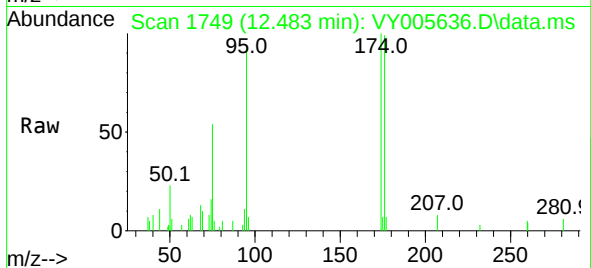




#76
1,2,3-Trichloropropane
Concen: 60.052 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

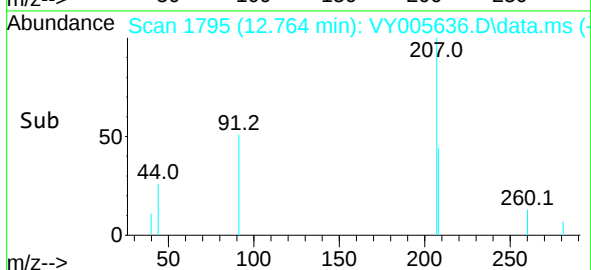
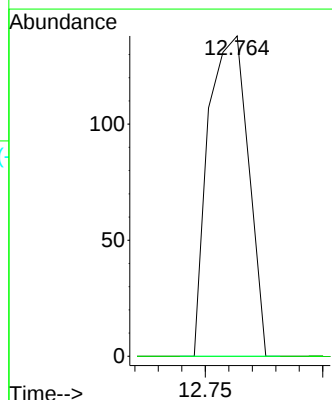
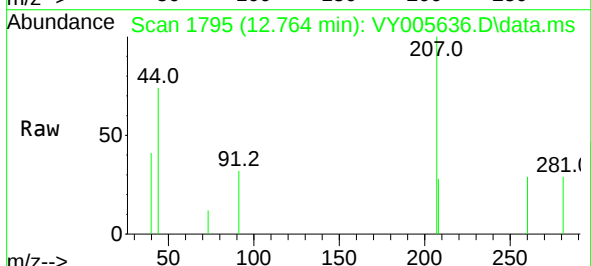
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

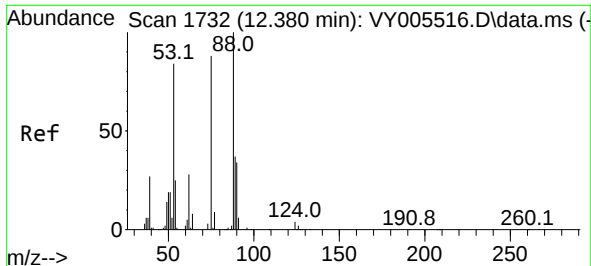
Tgt Ion: 75 Resp: 1913
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#79
2-Chlorotoluene
Concen: 1.139 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion: 91 Resp: 163
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.6#

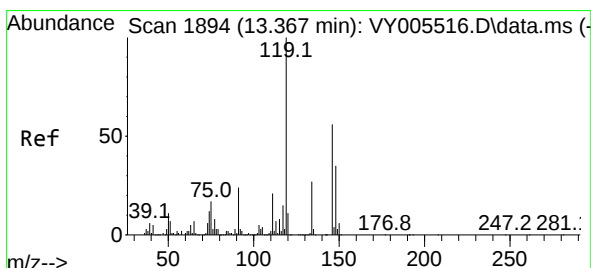
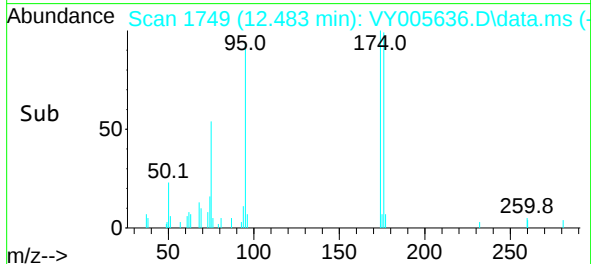
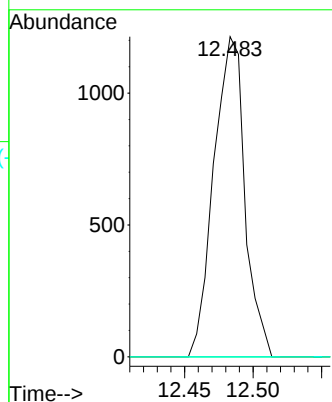
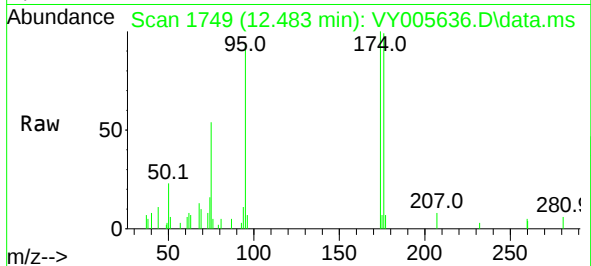




#81
trans-1,4-Dichloro-2-butene
Concen: 121.058 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

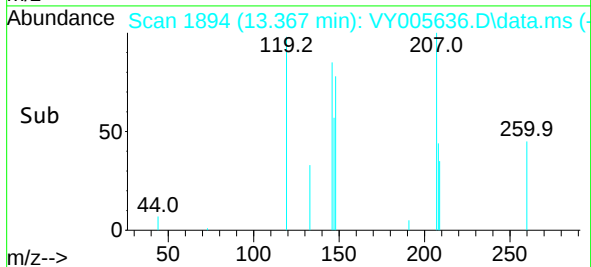
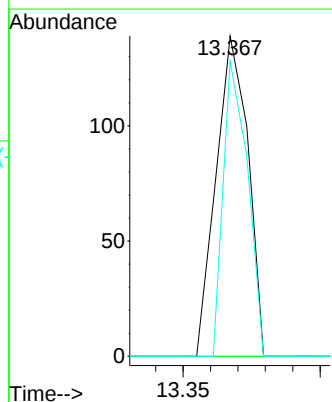
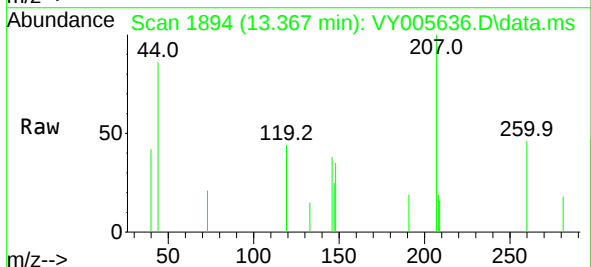
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

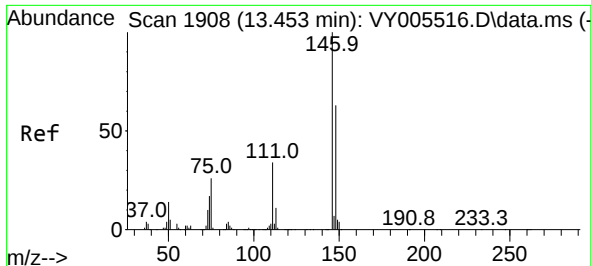
Tgt Ion: 75 Resp: 1913
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#



#87
1,3-Dichlorobenzene
Concen: 1.089 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion:146 Resp: 112
Ion Ratio Lower Upper
146 100
111 0.0 18.6 56.0#
148 70.5 31.7 95.1

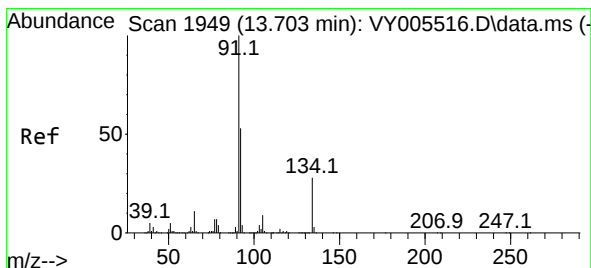
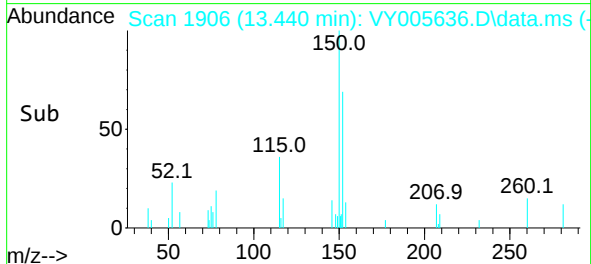
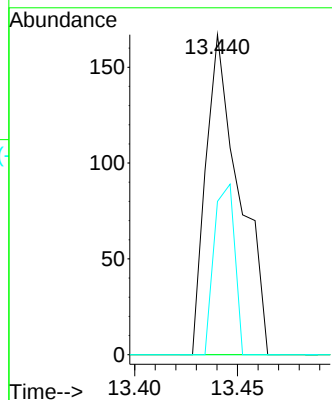
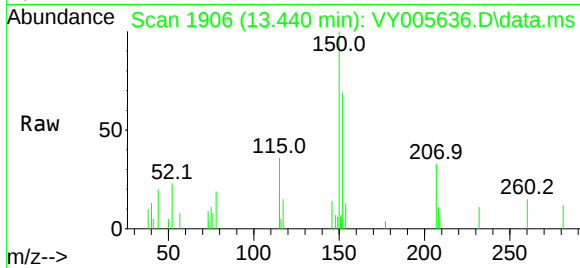




#88
1,4-Dichlorobenzene
Concen: 1.842 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.012 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

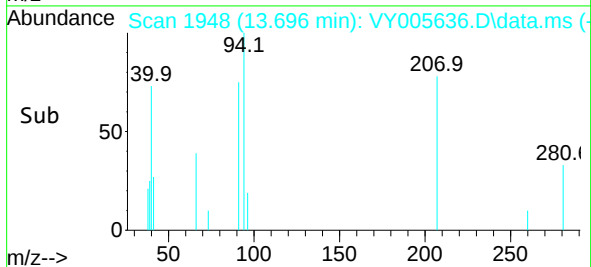
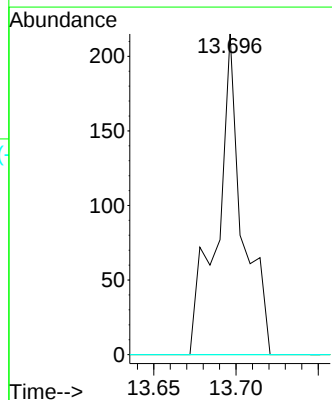
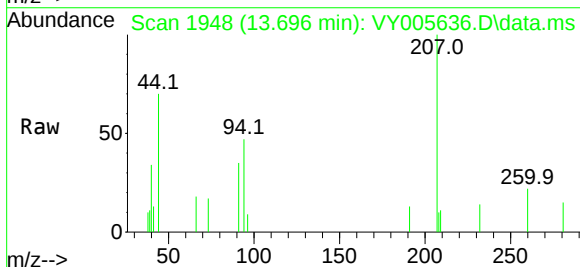
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

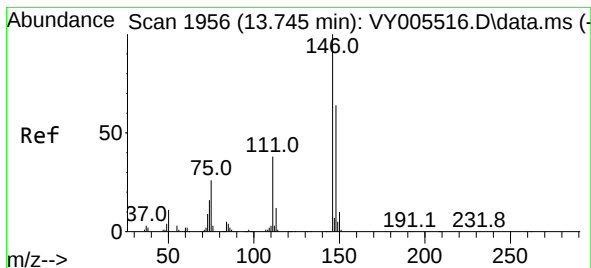
Tgt Ion:146 Resp: 188
Ion Ratio Lower Upper
146 100
111 0.0 18.1 54.3#
148 33.0 31.8 95.3



#89
n-Butylbenzene
Concen: 1.283 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion: 91 Resp: 230
Ion Ratio Lower Upper
91 100
92 0.0 26.7 80.1#
134 0.0 13.8 41.4#

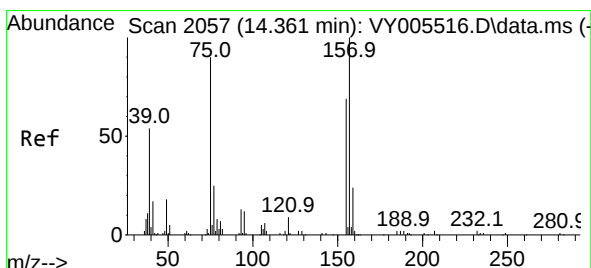
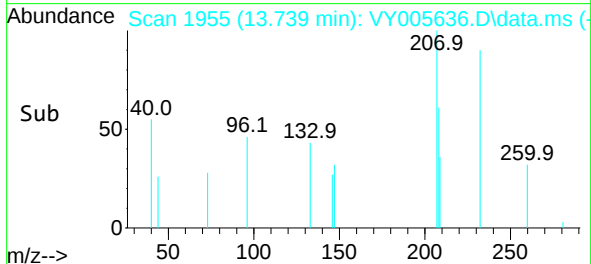
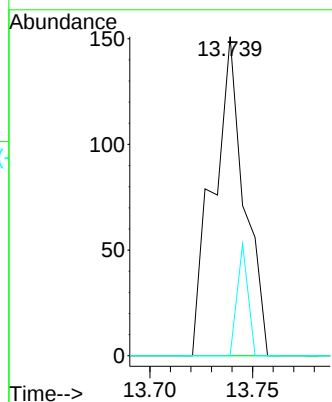
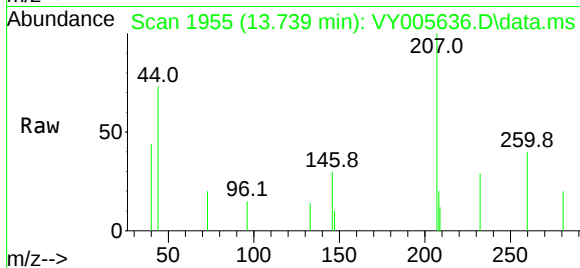




#91
1,2-Dichlorobenzene
Concen: 1.739 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

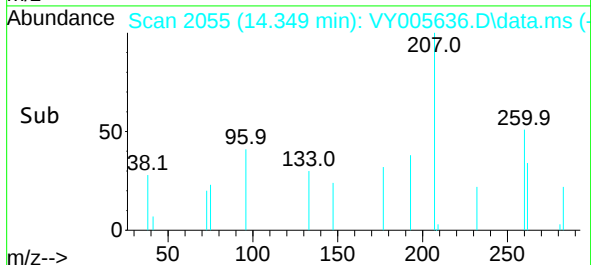
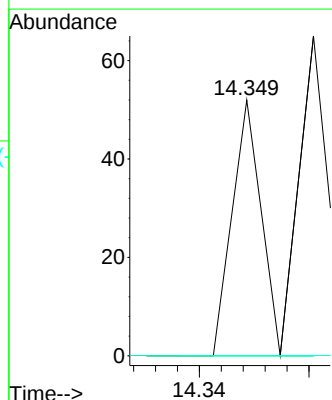
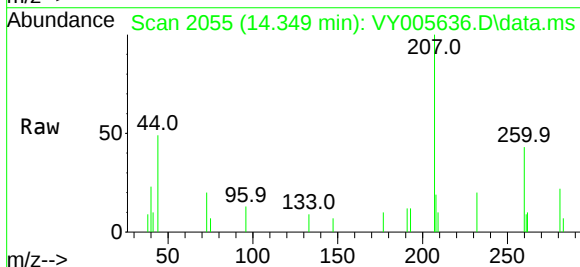
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

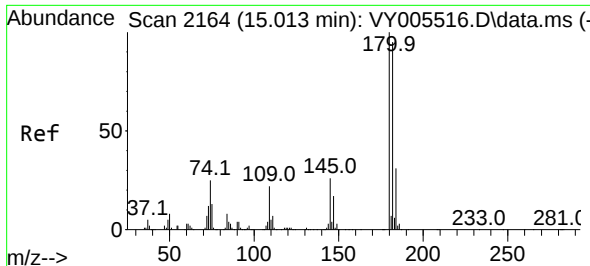
Tgt Ion:146 Resp: 158
Ion Ratio Lower Upper
146 100
111 0.0 19.4 58.2#
148 12.0 31.9 95.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.429 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.012 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
155 0.0 42.4 127.1#
157 0.0 56.0 168.2#

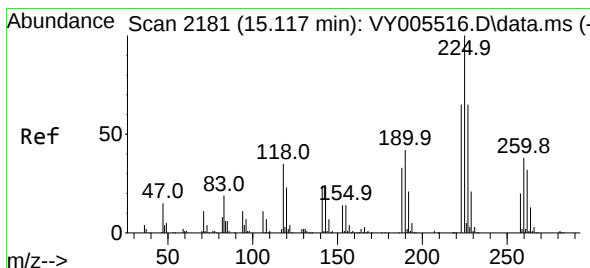
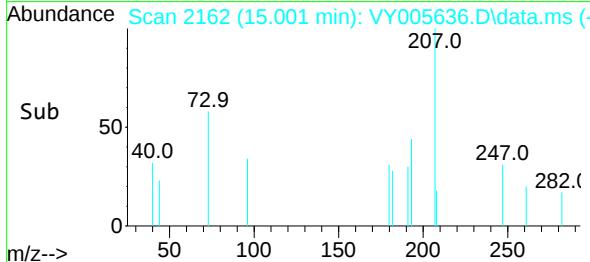
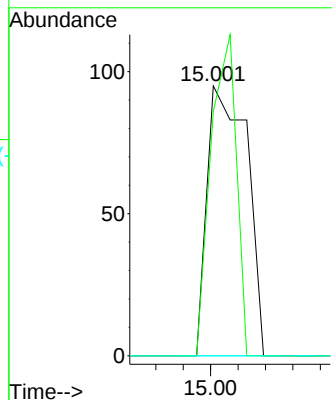
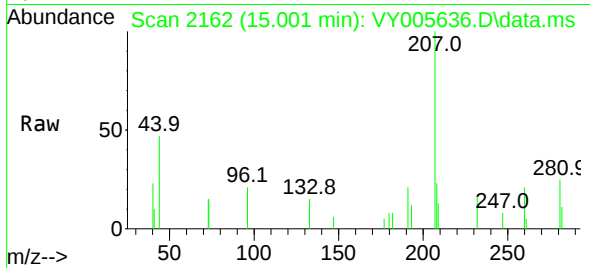




#93
1,2,4-Trichlorobenzene
Concen: 1.522 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.012 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

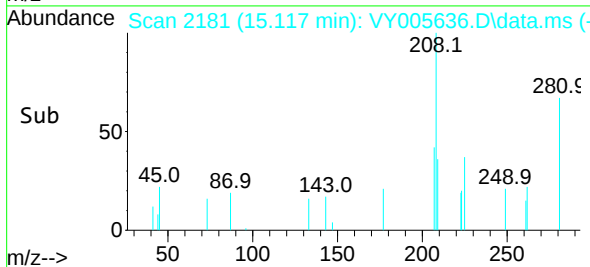
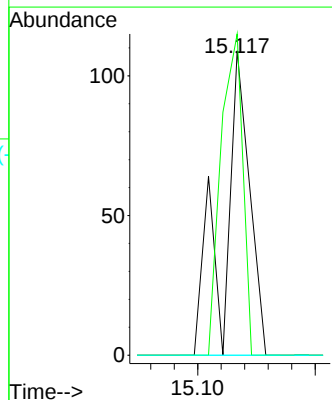
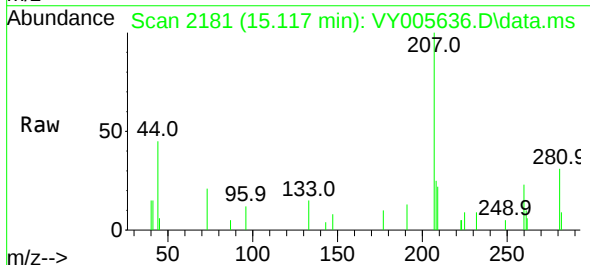
Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

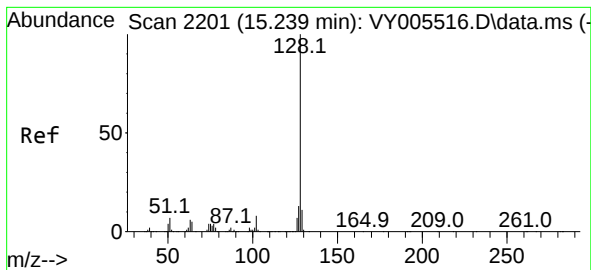
Tgt Ion:180 Resp: 95
Ion Ratio Lower Upper
180 100
182 76.8 47.8 143.4
145 0.0 14.0 42.0#



#94
Hexachlorobutadiene
Concen: 2.054 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Tgt Ion:225 Resp: 83
Ion Ratio Lower Upper
225 100
223 89.2 31.4 94.0
227 0.0 32.2 96.6#





#95
Naphthalene
Concen: 1.617 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005636.D
Acq: 13 Aug 2021 16:06

Instrument :
MSVOA_Y
ClientSampleId :
TP3-1-6FT

Tgt Ion:128 Resp: 199
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.7 13.1#

