

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090721\
 Data File : VY005943.D
 Acq On : 07 Sep 2021 14:52
 Operator : SY/MD
 Sample : M3636-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 14:58:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

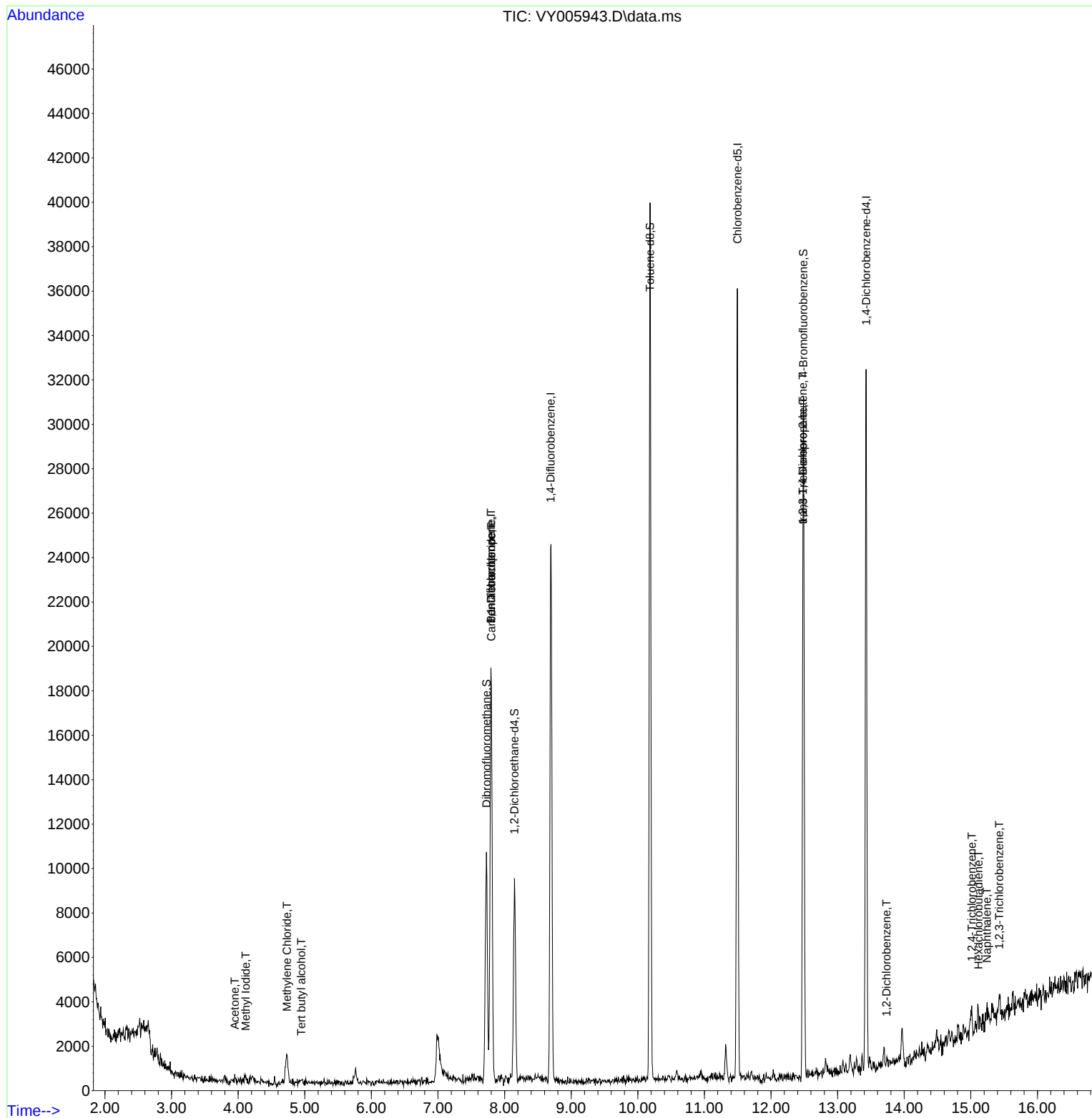
Internal Standards						
1) Pentafluorobenzene	7.795	168	16331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	22517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	20283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6830	41.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.000%
35) Dibromofluoromethane	7.728	113	7007	55.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.820%
50) Toluene-d8	10.185	98	26357	49.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.320%
62) 4-Bromofluorobenzene	12.483	95	7668	43.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.060%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	369	2.127	ug/l #	69
11) Tert butyl alcohol	4.948	59	103	3.183	ug/l #	80
16) Acetone	3.948	43	171	4.075	ug/l #	43
20) Methylene Chloride	4.734	84	969	1.070	ug/l	91
36) 1,1-Dichloropropene	7.795	75	1112	5.245	ug/l #	41
38) Carbon Tetrachloride	7.801	117	1379	6.001	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	3968	47.337	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	3968	90.024	ug/l #	13
91) 1,2-Dichlorobenzene	13.733	146	271	1.045	ug/l #	53
93) 1,2,4-Trichlorobenzene	15.013	180	458	2.616	ug/l #	73
94) Hexachlorobutadiene	15.117	225	145	1.286	ug/l	82
95) Naphthalene	15.239	128	780	2.319	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.428	180	376	2.460	ug/l	85

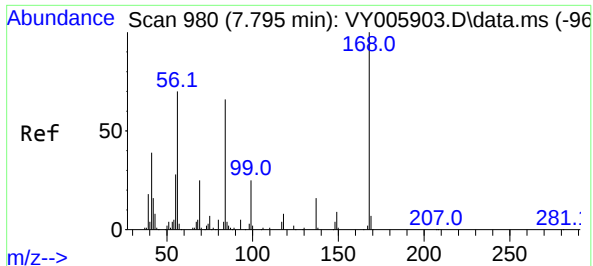
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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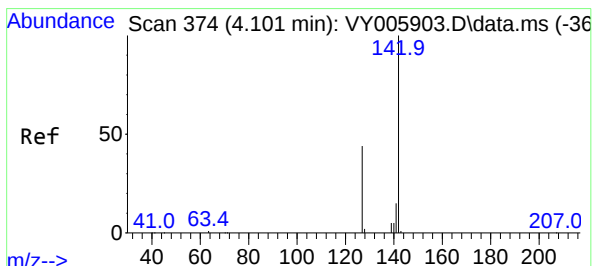
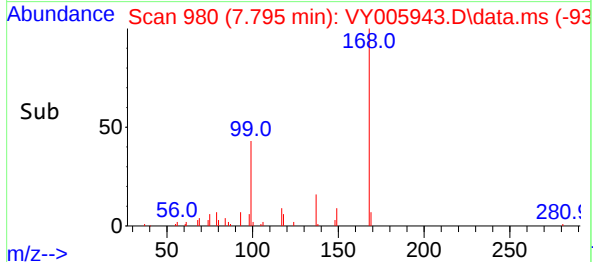
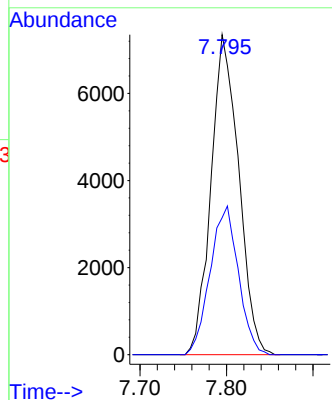
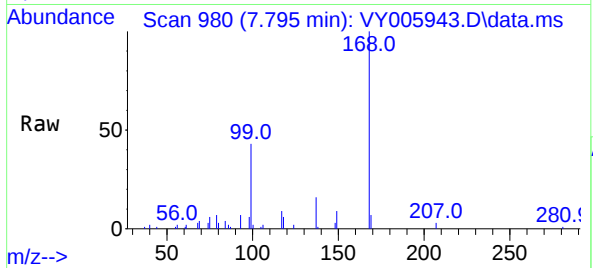




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

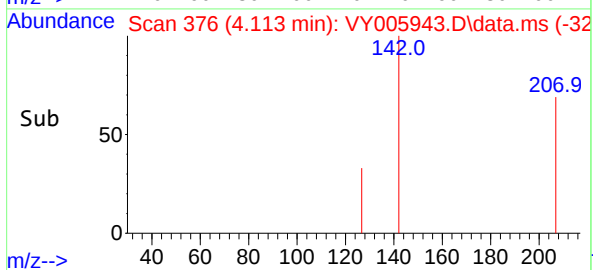
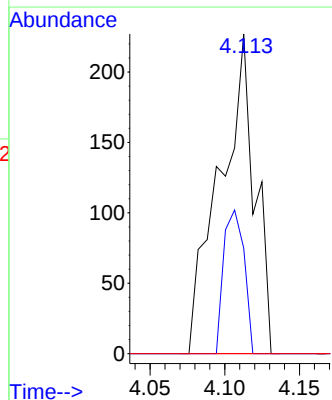
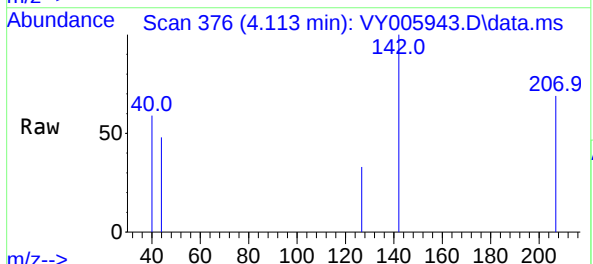
Instrument :
MSVOA_Y
ClientSampleId :

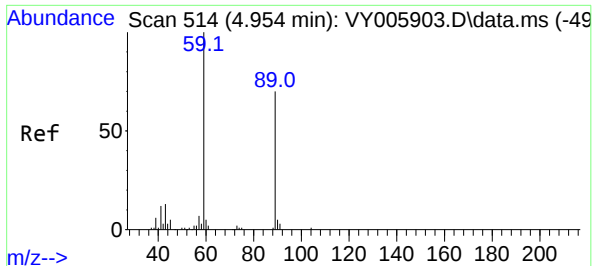
Tgt Ion:168 Resp: 16331
Ion Ratio Lower Upper
168 100
99 42.8 40.6 60.8



#10
Methyl Iodide
Concen: 2.127 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

Tgt Ion:142 Resp: 369
Ion Ratio Lower Upper
142 100
127 26.3 36.7 55.1#
141 0.0 11.8 17.8#

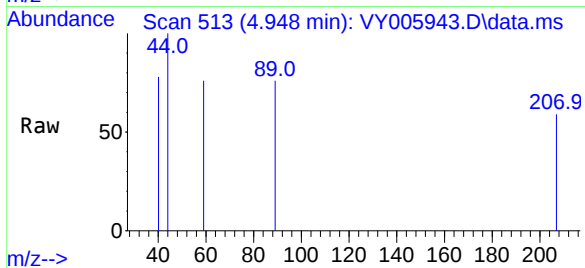




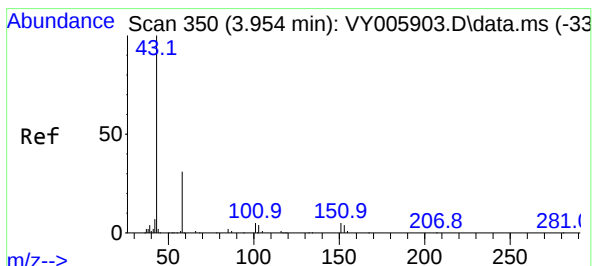
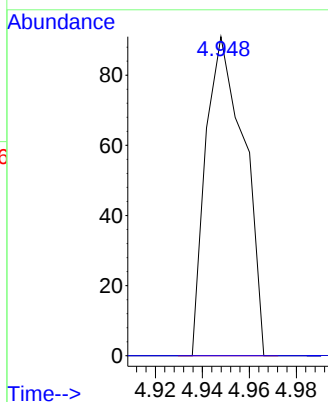
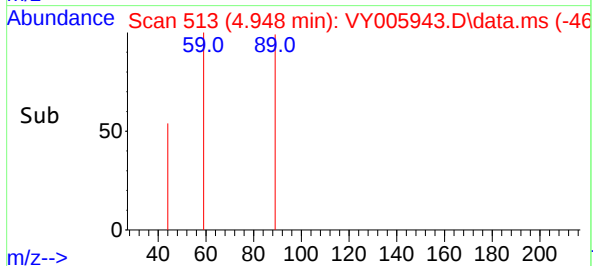
#11

Tert butyl alcohol
Concen: 3.183 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

Instrument :
MSVOA_Y
ClientSampled :

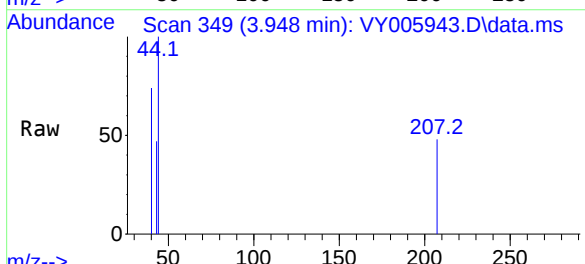


Tgt Ion: 59 Resp: 103
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

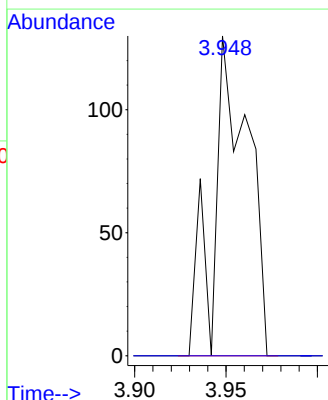
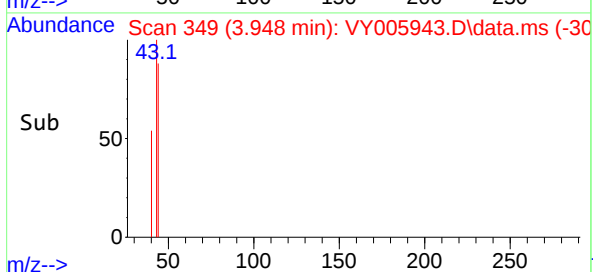


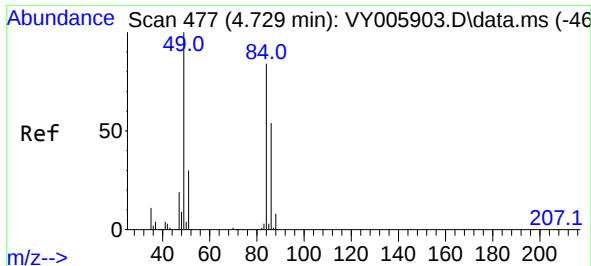
#16

Acetone
Concen: 4.075 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52



Tgt Ion: 43 Resp: 171
Ion Ratio Lower Upper
43 100
58 0.0 25.1 37.7#



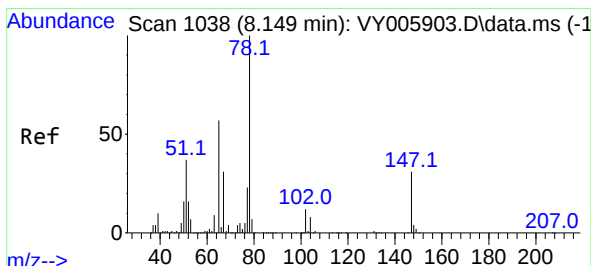
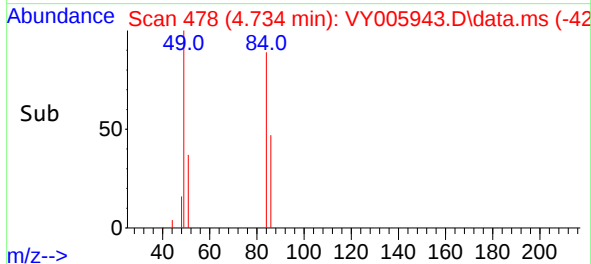
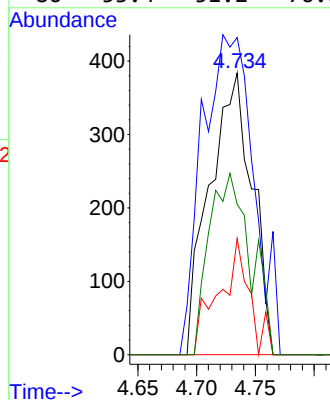
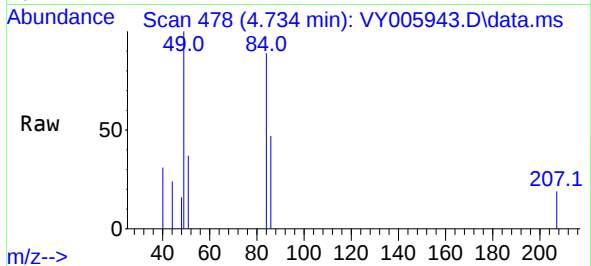


#20
Methylene Chloride
Concen: 1.070 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 84 Resp: 969

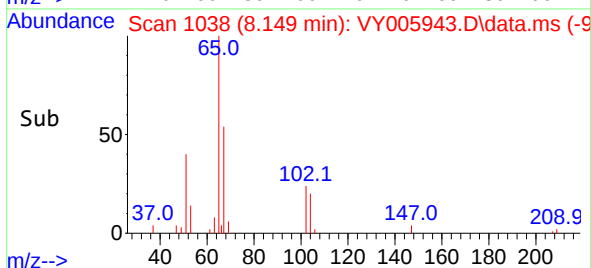
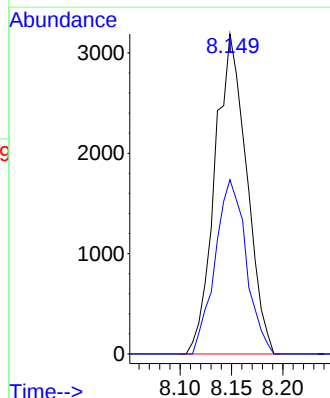
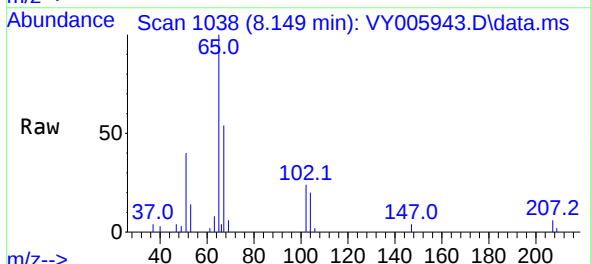
Ion	Ratio	Lower	Upper
84	100		
49	112.5	95.7	143.5
51	41.1	29.0	43.6
86	53.4	51.2	76.8

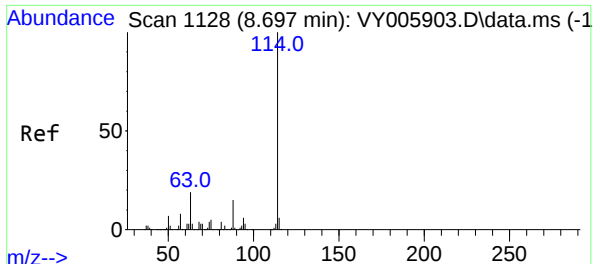


#33
1,2-Dichloroethane-d4
Concen: 41.502 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

Tgt Ion: 65 Resp: 6830

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.4

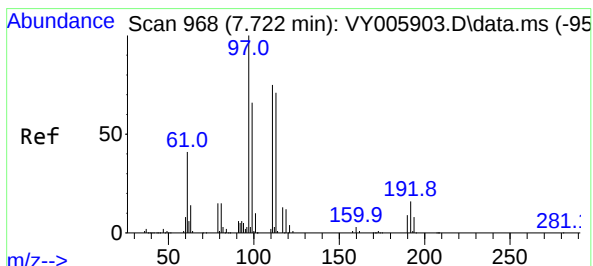
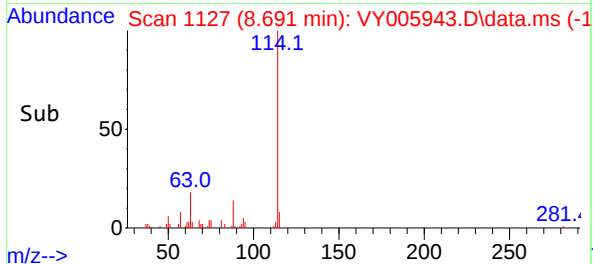
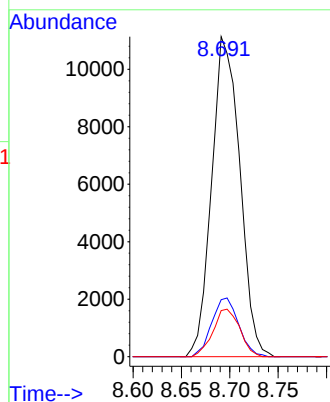
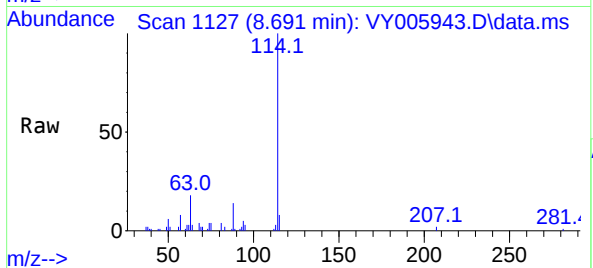




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

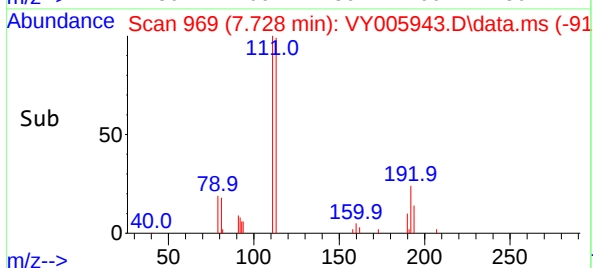
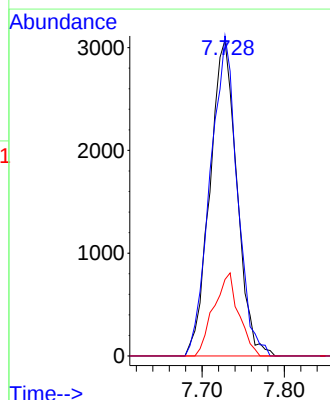
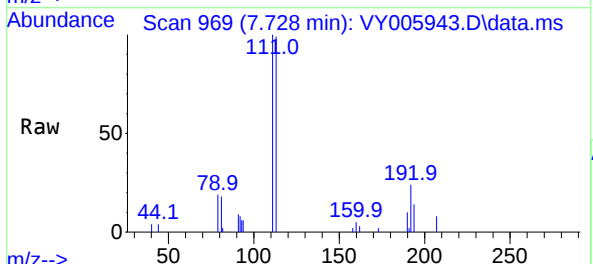
Instrument :
MSVOA_Y
ClientSampleId :

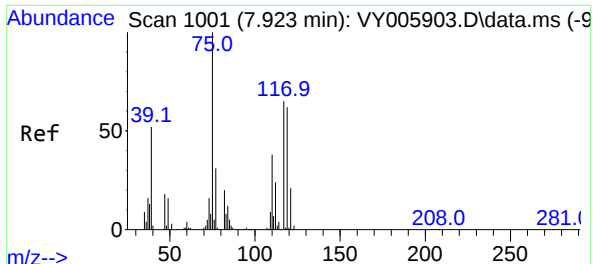
Tgt Ion:	114	Resp:	22517
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	38.4
88	14.4	0.0	30.0



#35
Dibromofluoromethane
Concen: 55.411 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

Tgt Ion:	113	Resp:	7007
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.9	122.9
192	24.3	19.4	29.0

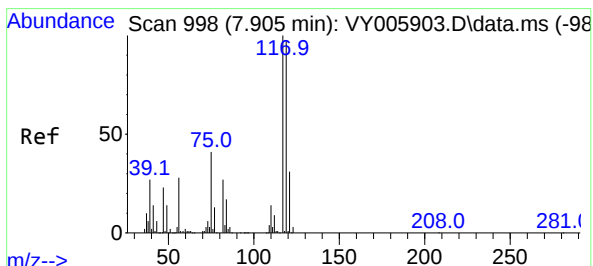
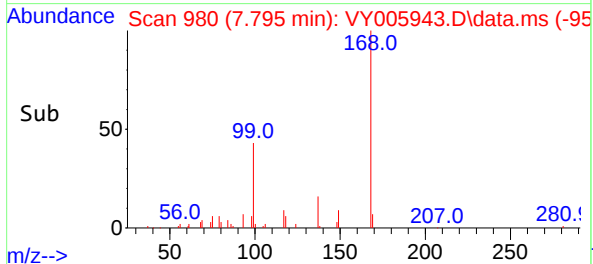
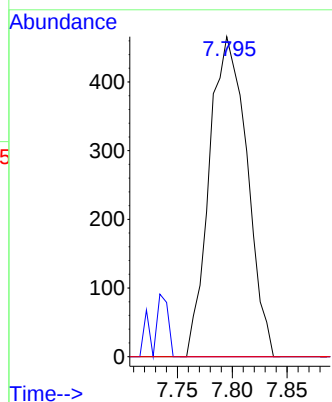
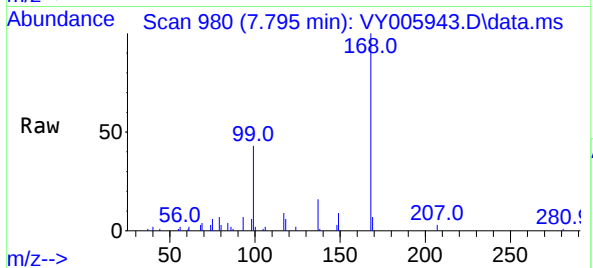




#36
1,1-Dichloropropene
Concen: 5.245 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

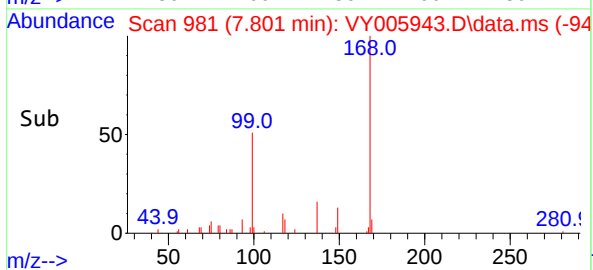
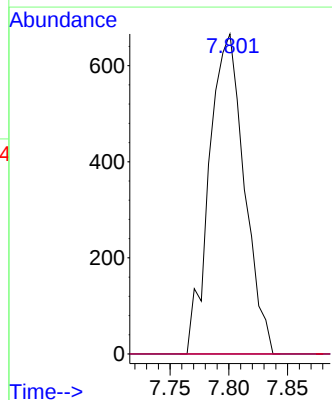
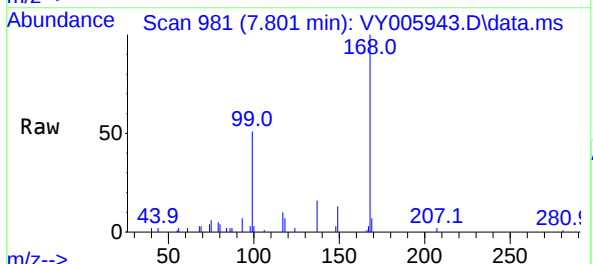
Instrument :
MSVOA_Y
ClientSampleId :

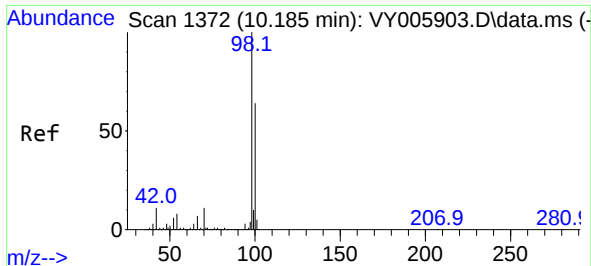
Tgt Ion: 75 Resp: 1112
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.001 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

Tgt Ion: 117 Resp: 1379
Ion Ratio Lower Upper
117 100
119 0.0 77.5 116.3#
121 0.0 25.0 37.6#

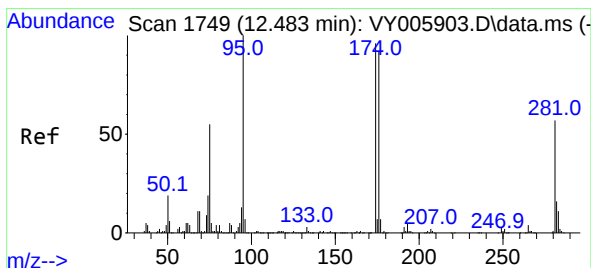
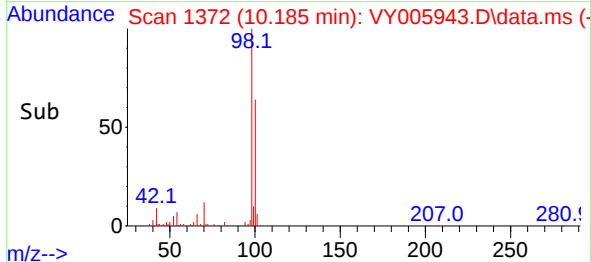
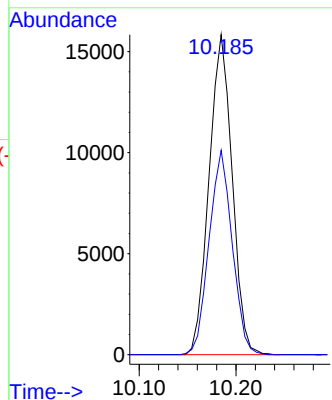
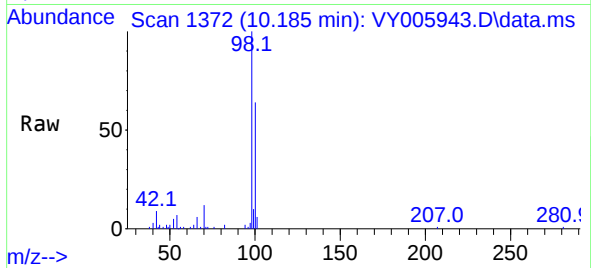




#50
Toluene-d8
Concen: 49.664 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

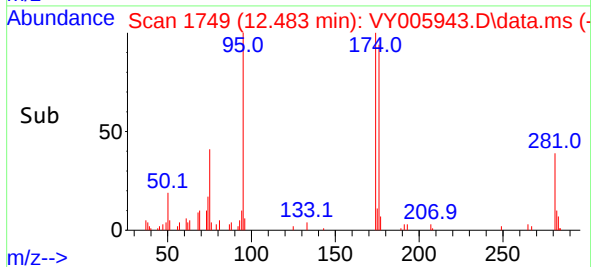
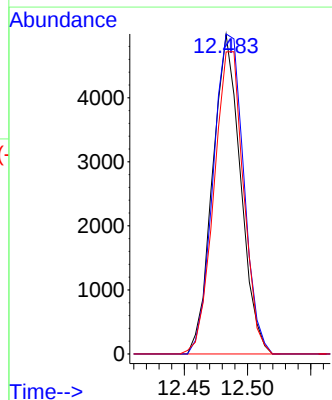
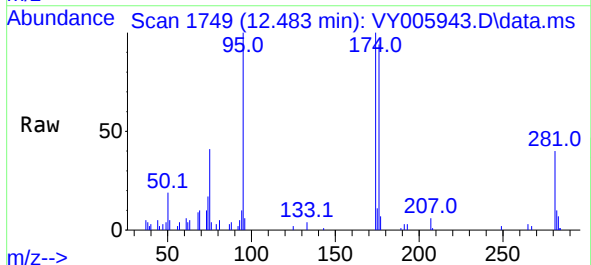
Instrument :
MSVOA_Y
ClientSampled :

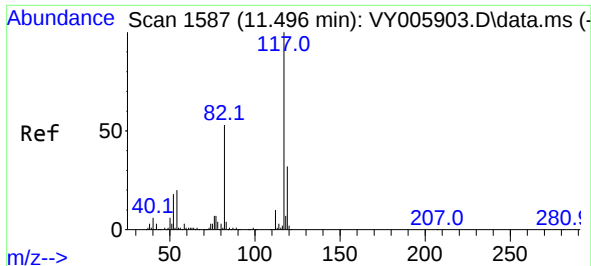
Tgt Ion: 98 Resp: 26357
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.030 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

Tgt Ion: 95 Resp: 7668
Ion Ratio Lower Upper
95 100
174 108.4 0.0 192.4
176 99.9 0.0 186.8

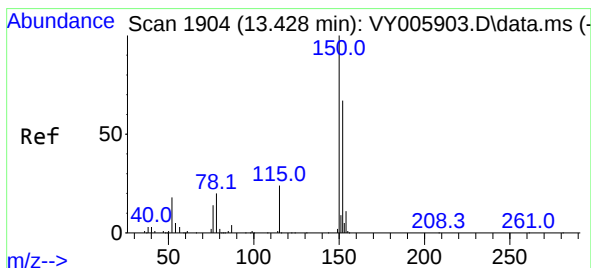
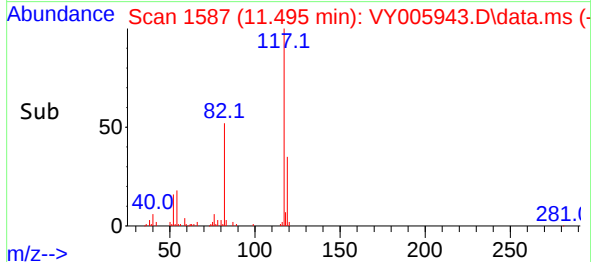
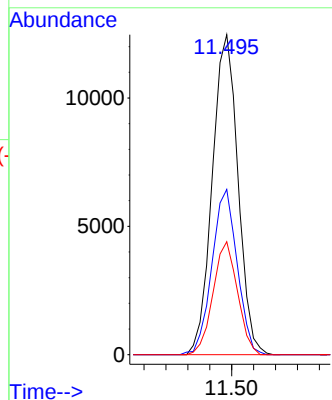
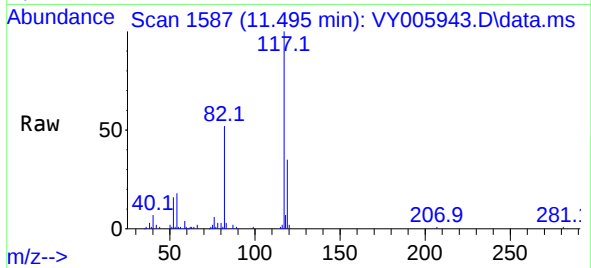




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

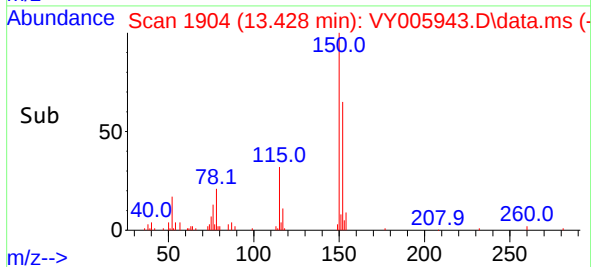
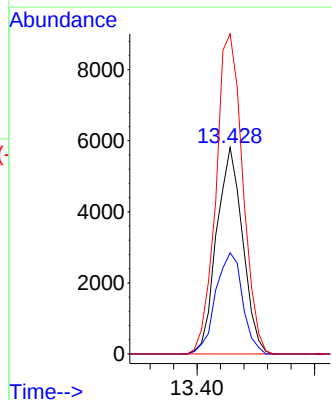
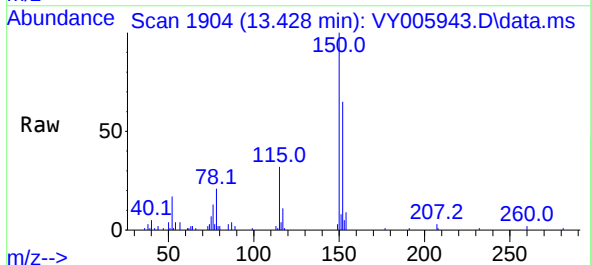
Instrument :
MSVOA_Y
ClientSampled :

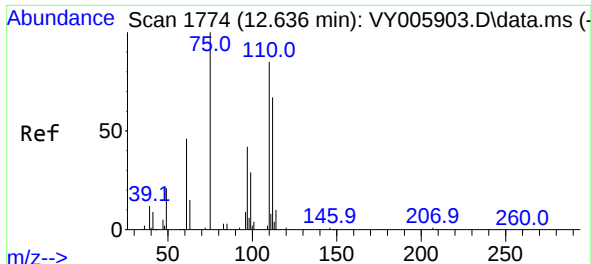
Tgt Ion:	117	Resp:	20283
Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.4	63.6
119	35.3	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

Tgt Ion:	152	Resp:	8956
Ion	Ratio	Lower	Upper
152	100		
115	50.6	26.8	80.4
150	159.1	0.0	345.6

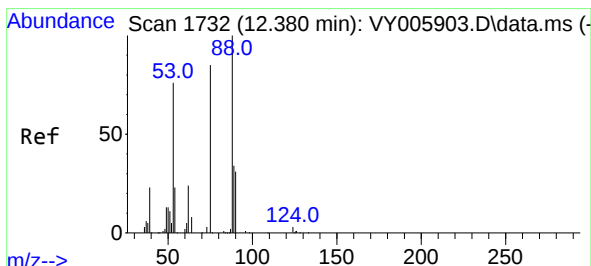
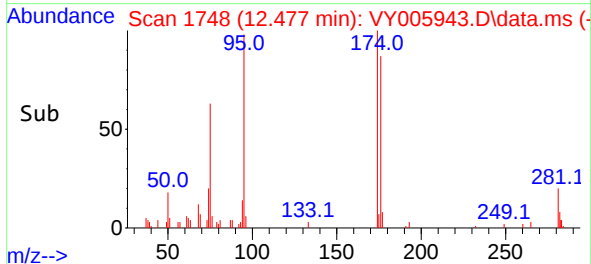
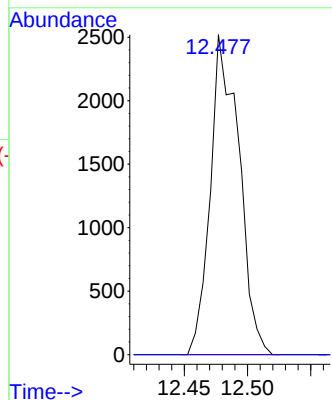
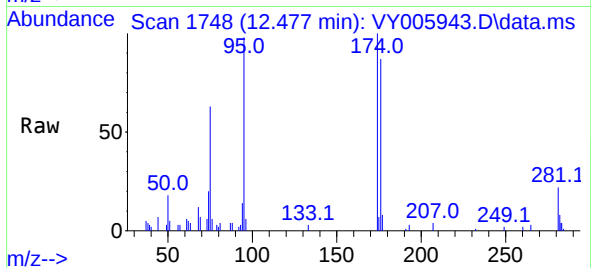




#76
1,2,3-Trichloropropane
Concen: 47.337 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

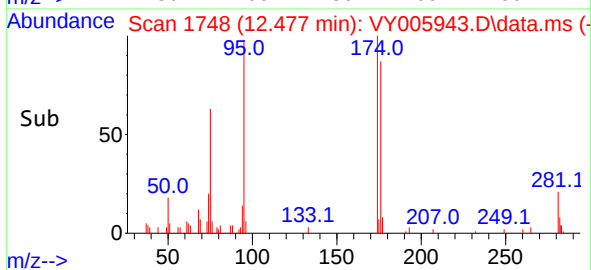
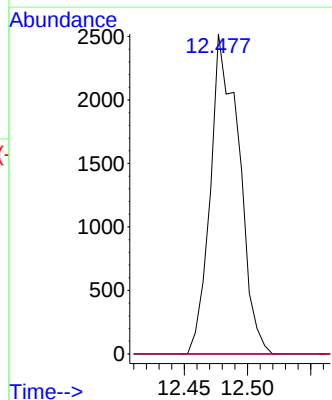
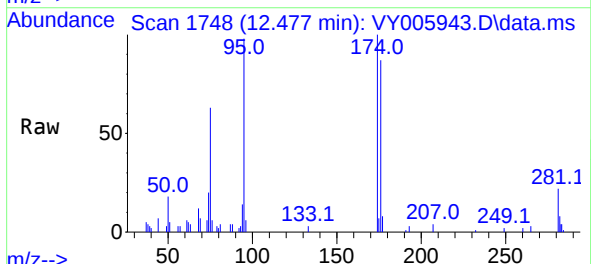
Instrument :
MSVOA_Y
ClientSampled :

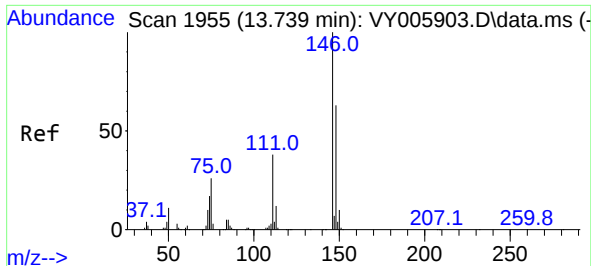
Tgt Ion: 75 Resp: 3968
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 90.024 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

Tgt Ion: 75 Resp: 3968
Ion Ratio Lower Upper
75 100
53 0.0 71.8 107.8#
89 0.0 35.8 53.6#

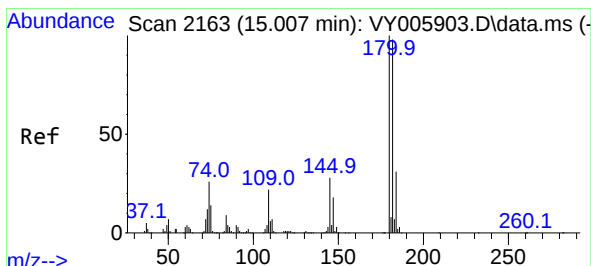
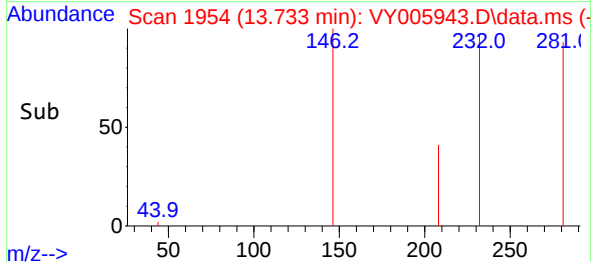
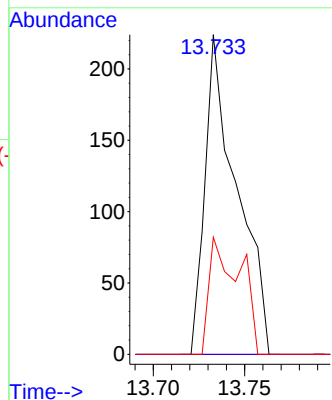
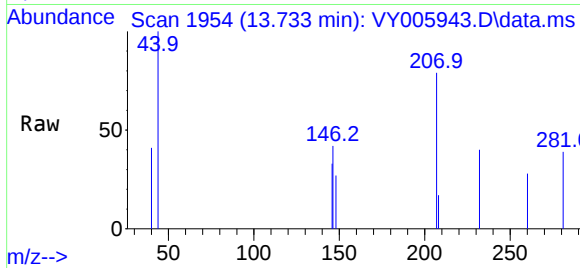




#91
1,2-Dichlorobenzene
Concen: 1.045 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

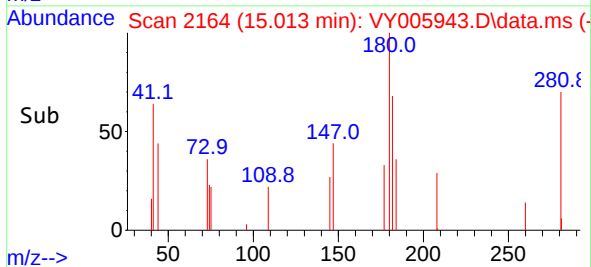
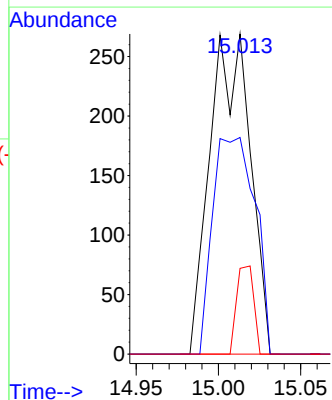
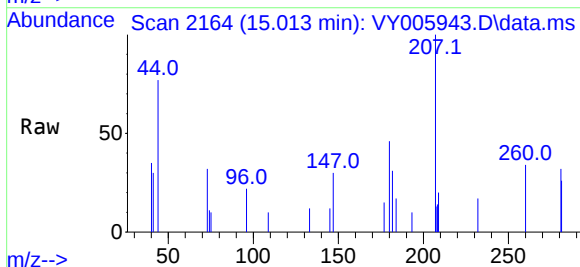
Instrument :
MSVOA_Y
ClientSampled :

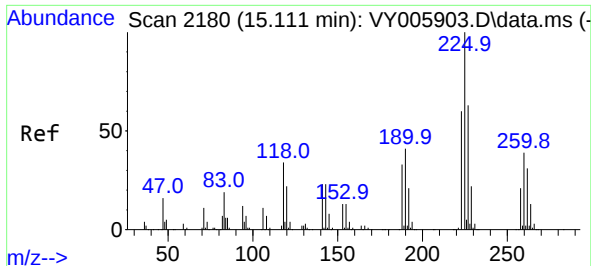
Tgt Ion:146 Resp: 271
Ion Ratio Lower Upper
146 100
111 0.0 19.4 58.2#
148 35.1 32.2 96.6



#93
1,2,4-Trichlorobenzene
Concen: 2.616 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

Tgt Ion:180 Resp: 458
Ion Ratio Lower Upper
180 100
182 71.4 48.1 144.4
145 11.6 13.9 41.6#

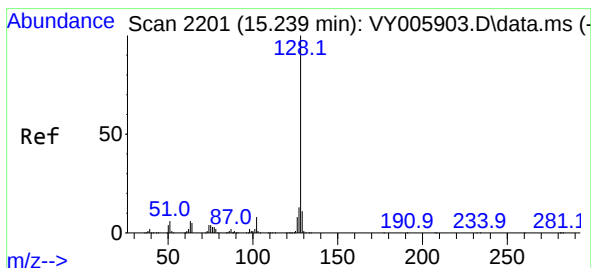
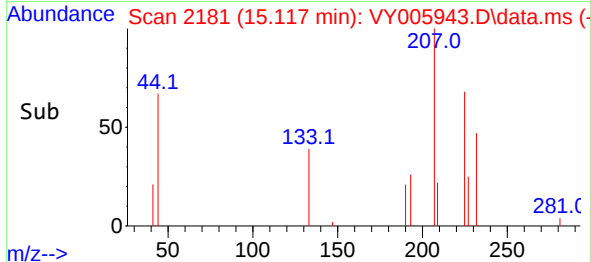
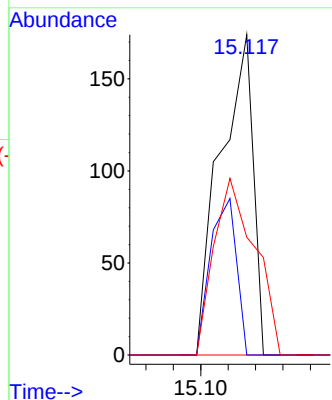
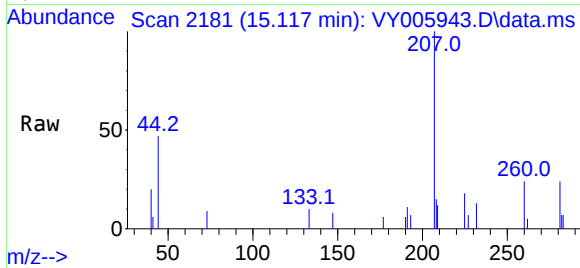




#94
Hexachlorobutadiene
Concen: 1.286 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

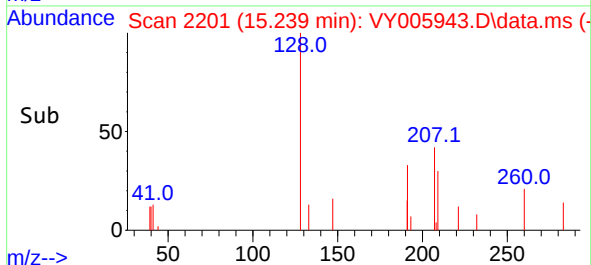
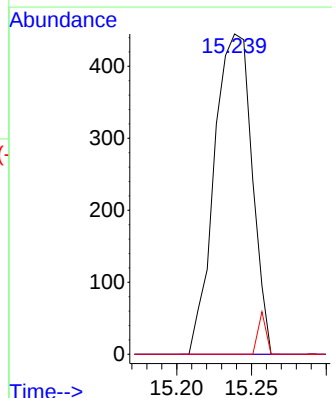
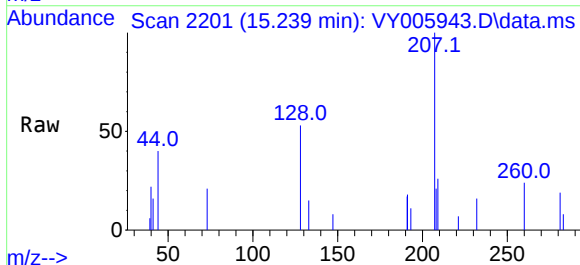
Instrument :
MSVOA_Y
ClientSampled :

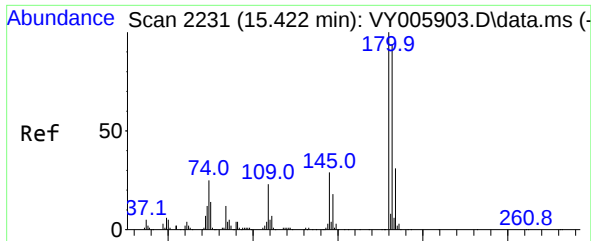
Tgt Ion:	225	Resp:	145
Ion	Ratio	Lower	Upper
225	100		
223	38.6	31.1	93.3
227	68.3	32.2	96.6



#95
Naphthalene
Concen: 2.319 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005943.D
Acq: 07 Sep 2021 14:52

Tgt Ion:	128	Resp:	780
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	2.8	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.460 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. 0.006 min
 Lab File: VY005943.D
 Acq: 07 Sep 2021 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:	180	Resp:	376
Ion	Ratio	Lower	Upper
180	100		
182	114.1	47.8	143.3
145	28.7	14.2	42.8

