

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003927.D
 Acq On : 14 Jan 2021 18:24
 Operator : SY/MD
 Sample : M1141-20
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 15 00:59:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

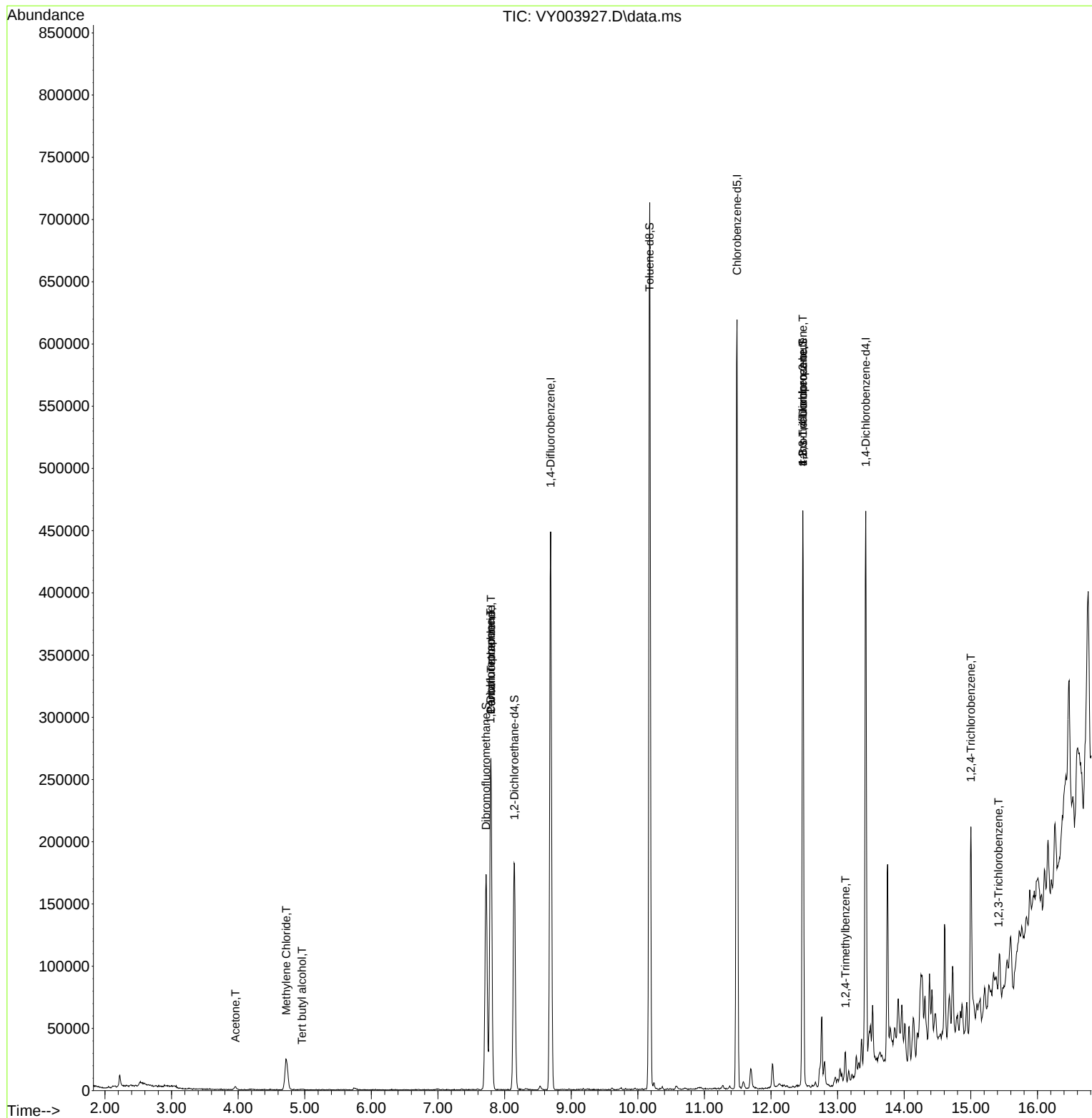
Internal Standards						
1) Pentafluorobenzene	7.795	168	207900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	355034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	142609	44.16	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.32%		
35) Dibromofluoromethane	7.722	113	114864	39.59	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.18%		
50) Toluene-d8	10.179	98	438525	37.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	74.60%		
62) 4-Bromofluorobenzene	12.477	95	131951	30.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	61.46%		
Target Compounds						
2) Dichlorodifluoromethane	1.912	85	58	Below Cal	#	39
3) Chloromethane	2.119	50	627	Below Cal	#	63
11) Tert butyl alcohol	4.960	59	1209	3.60	ug/l #	73
16) Acetone	3.960	43	3836	4.80	ug/l #	86
20) Methylene Chloride	4.722	84	17044	5.70	ug/l	89
36) 1,1-Dichloropropene	7.789	75	16183	3.33	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19934	3.88	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	74697	52.33	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	74697	99.35	ug/l #	3
84) 1,2,4-Trimethylbenzene	13.117	105	12456	1.53	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	44858	15.59	ug/l	96
96) 1,2,3-Trichlorobenzene	15.416	180	9829	3.88	ug/l #	80

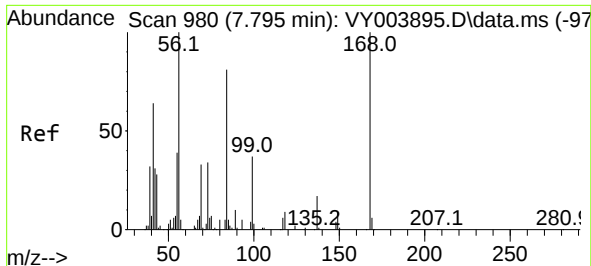
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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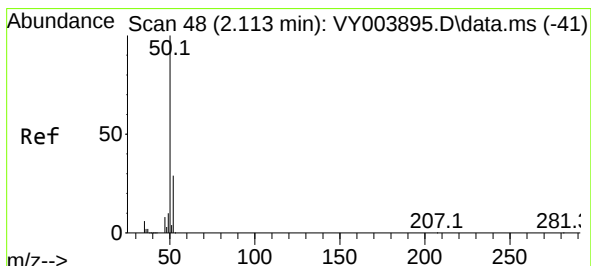
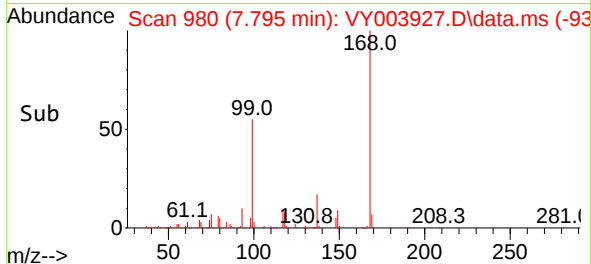
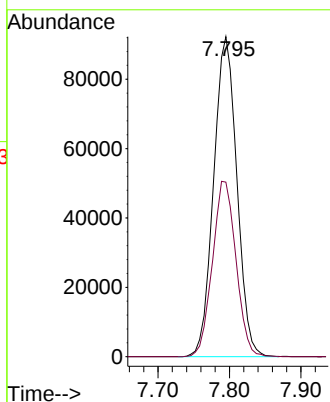
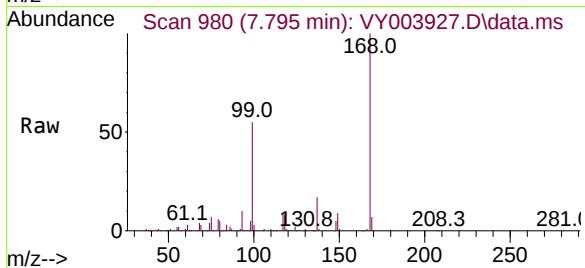




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

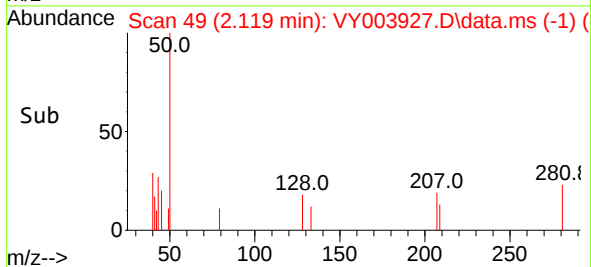
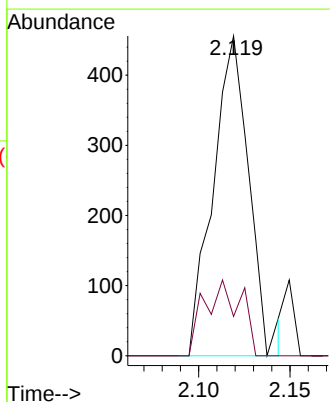
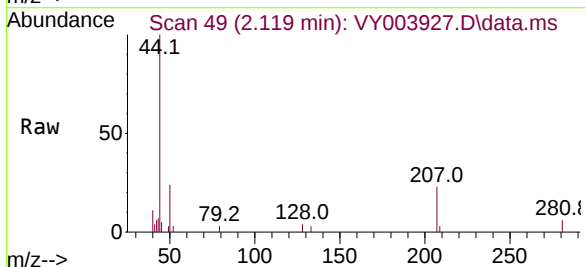
Instrument :
MSVOA_Y
ClientSampleId :

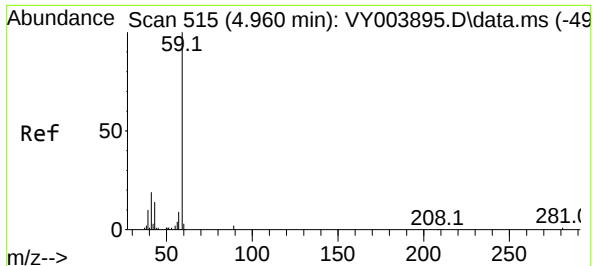
Tgt Ion:168 Resp: 207900
Ion Ratio Lower Upper
168 100
99 54.5 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 50 Resp: 627
Ion Ratio Lower Upper
50 100
52 12.3 26.6 40.0





#11

Tert butyl alcohol

Concen: 3.60 ug/l

RT: 4.960 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY003927.D

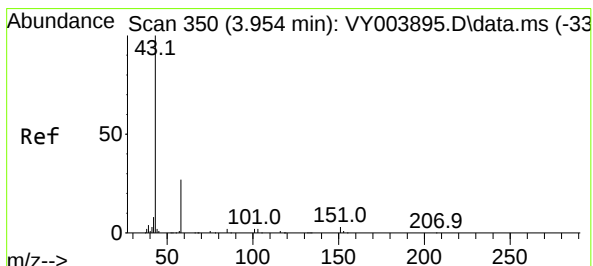
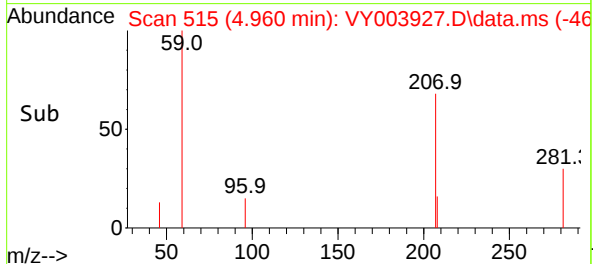
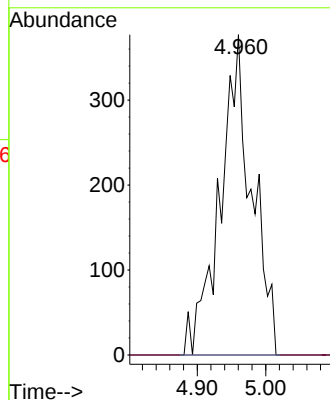
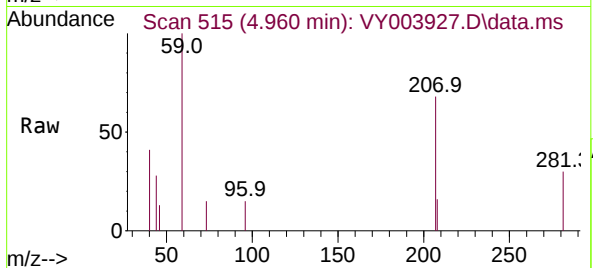
Acq: 14 Jan 2021 18:24

Tgt Ion: 59 Resp: 1209

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 4.80 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY003927.D

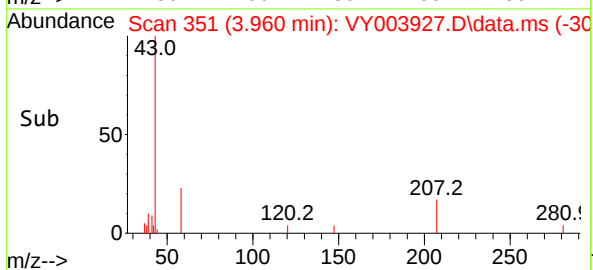
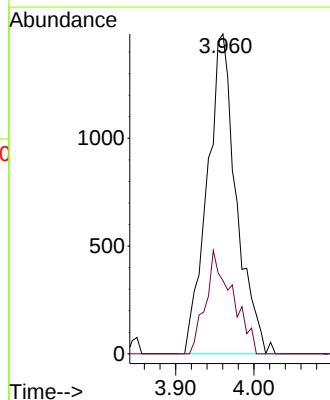
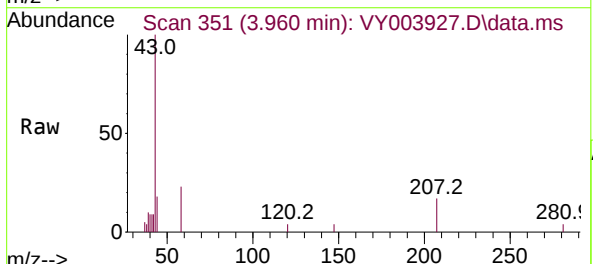
Acq: 14 Jan 2021 18:24

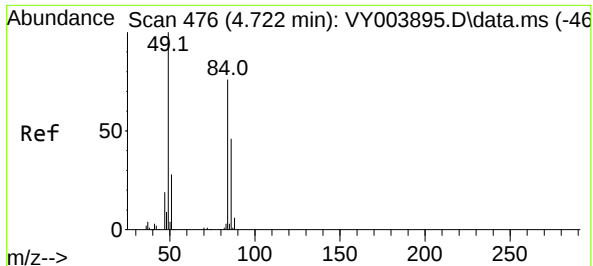
Tgt Ion: 43 Resp: 3836

Ion Ratio Lower Upper

43 100

58 22.9 24.5 36.7#



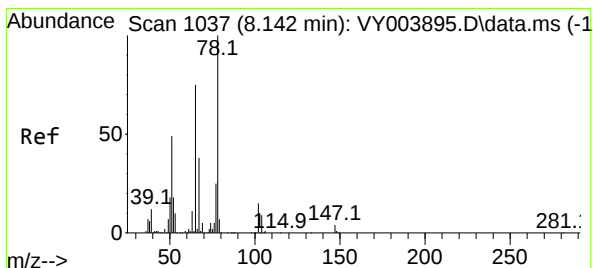
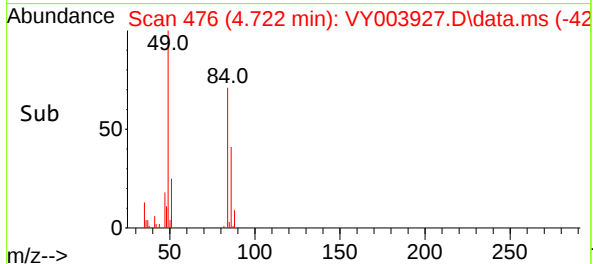
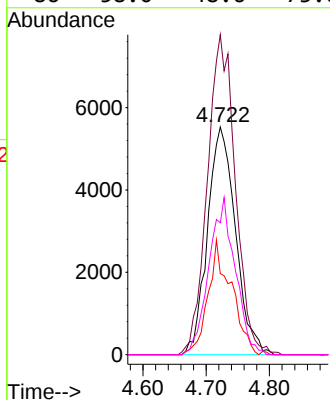
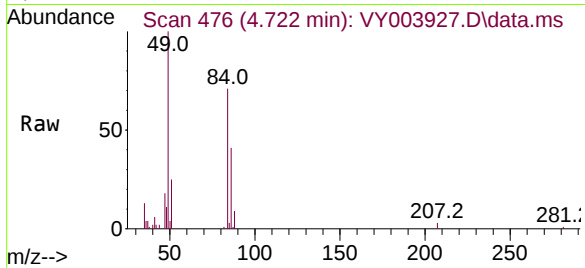


#20
Methylene Chloride
Concen: 5.70 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 17044

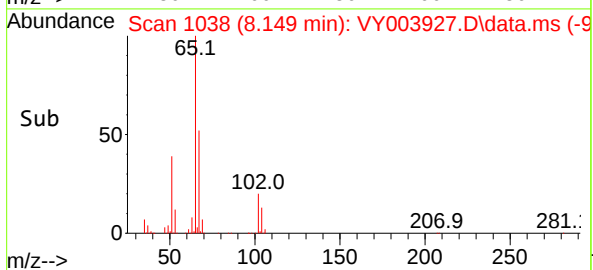
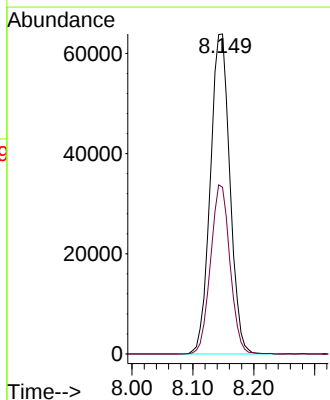
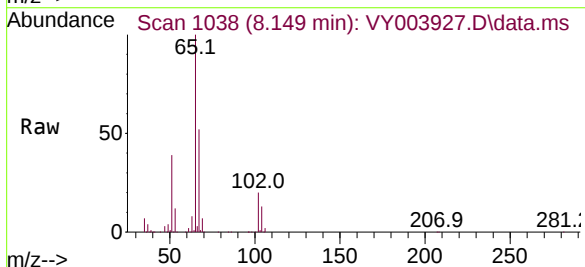
Ion	Ratio	Lower	Upper
84	100		
49	140.6	98.0	147.0
51	35.6	30.5	45.7
86	58.0	48.6	73.0

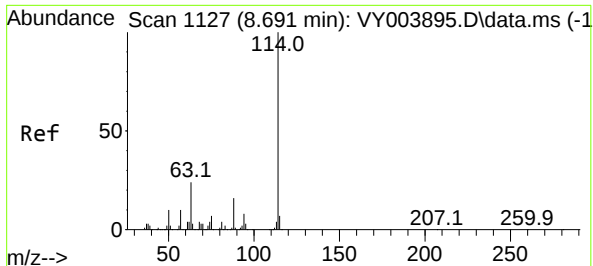


#33
1,2-Dichloroethane-d4
Concen: 44.16 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 65 Resp: 142609

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY003927.D

Acq: 14 Jan 2021 18:24

Tgt Ion:114 Resp: 355034

Ion Ratio Lower Upper

114 100

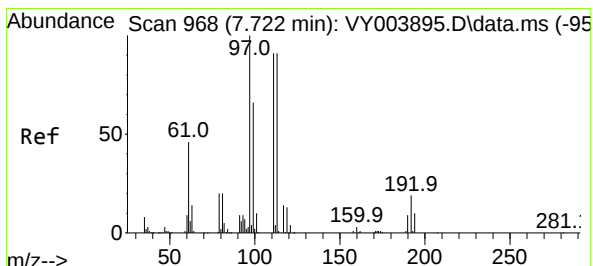
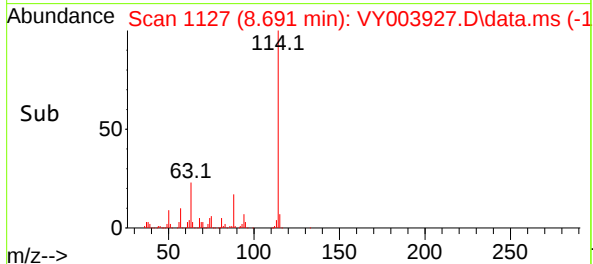
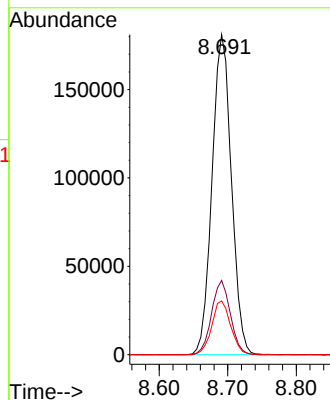
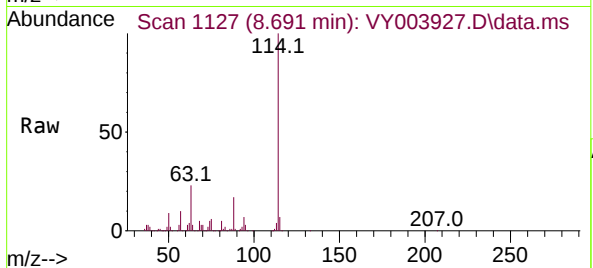
63 23.2 0.0 38.8

88 16.8 0.0 31.4

Instrument :

MSVOA_Y

ClientSampleId :



#35

Dibromofluoromethane

Concen: 39.59 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY003927.D

Acq: 14 Jan 2021 18:24

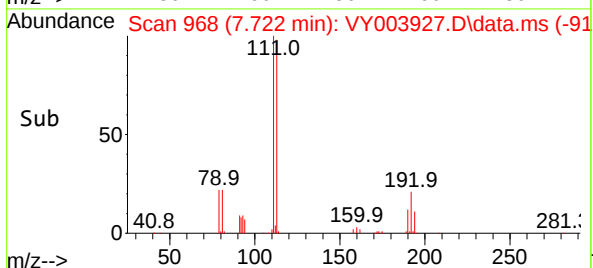
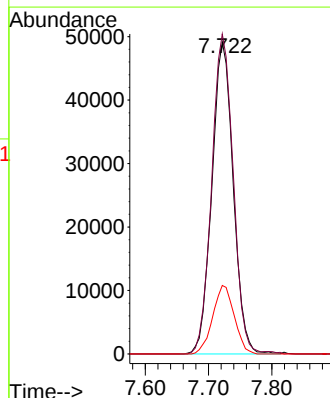
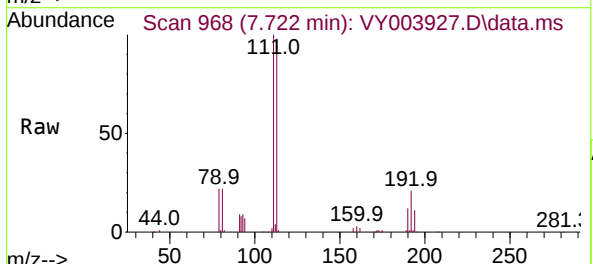
Tgt Ion:113 Resp: 114864

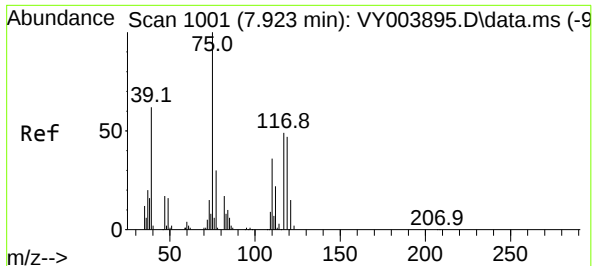
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

192 22.2 19.8 29.6

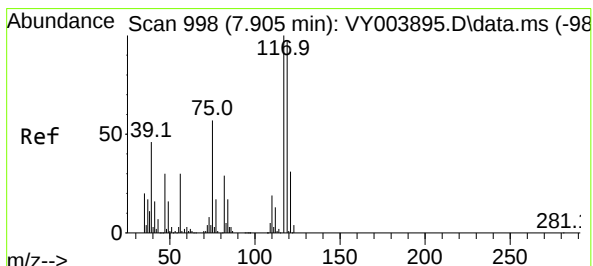
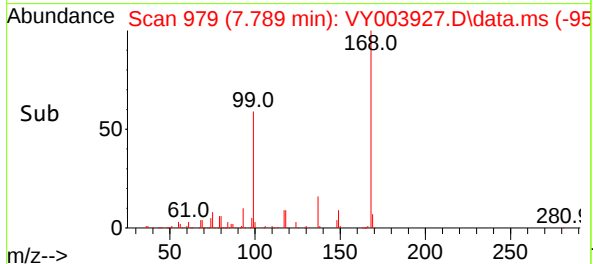
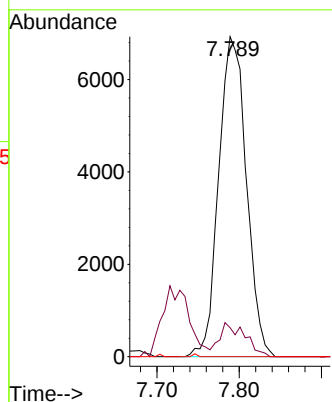
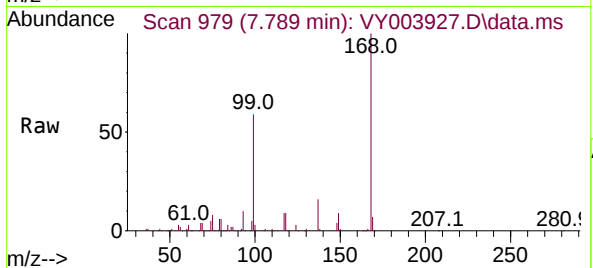




#36
1,1-Dichloropropene
Concen: 3.33 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

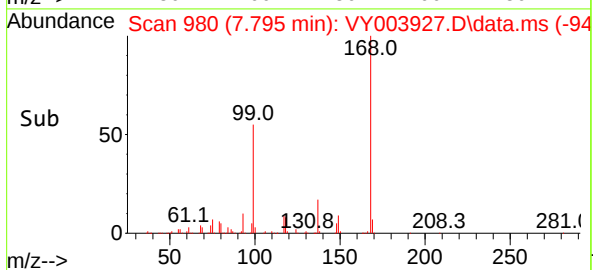
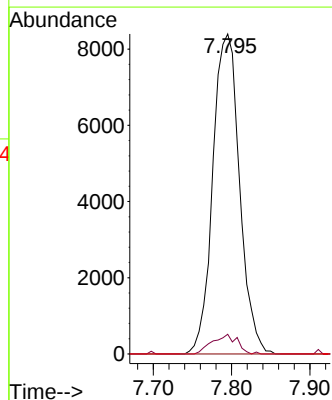
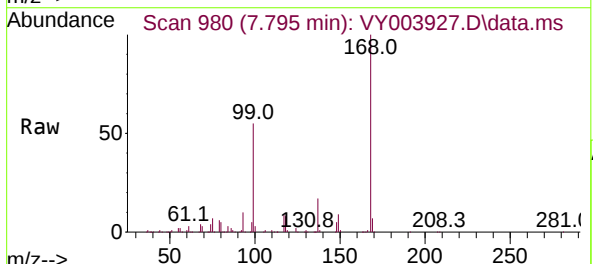
Instrument :
MSVOA_Y
ClientSampleId :

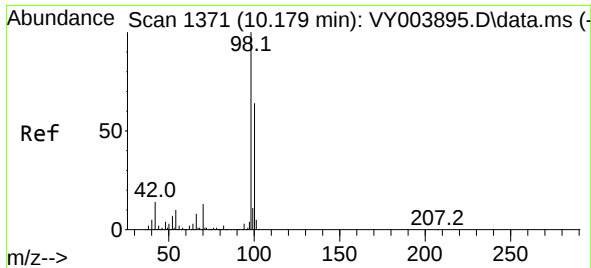
Tgt Ion: 75 Resp: 16183
Ion Ratio Lower Upper
75 100
110 9.7 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 3.88 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 117 Resp: 19934
Ion Ratio Lower Upper
117 100
119 6.1 78.6 118.0#
121 0.0 25.8 38.6#

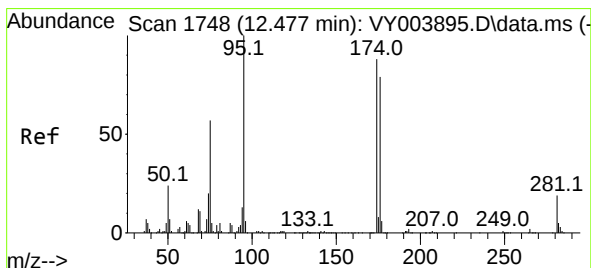
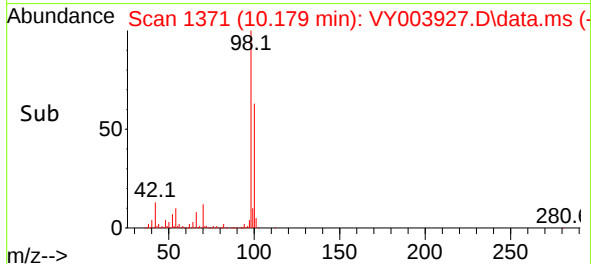
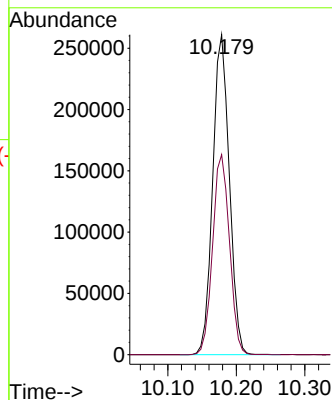
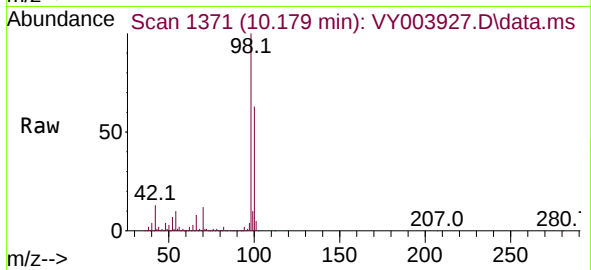




#50
Toluene-d8
Concen: 37.30 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

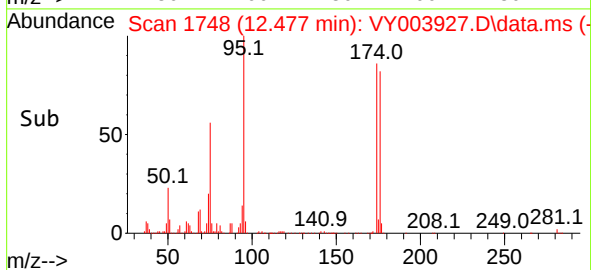
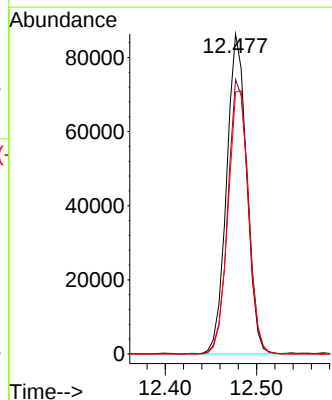
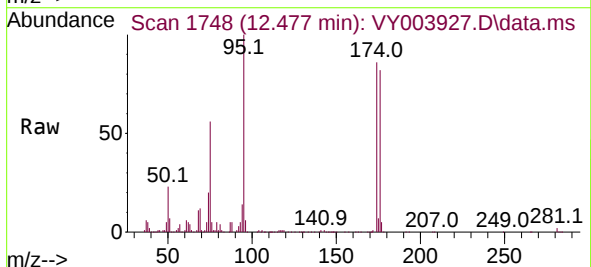
Instrument :
MSVOA_Y
ClientSampled :

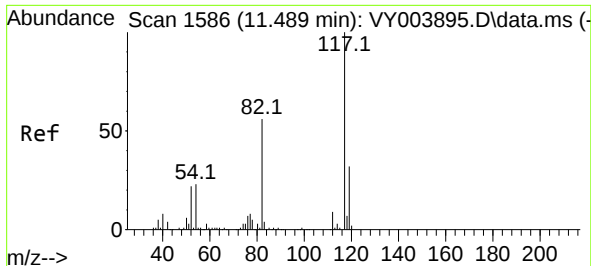
Tgt Ion: 98 Resp: 438525
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 30.73 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 95 Resp: 131951
Ion Ratio Lower Upper
95 100
174 87.0 0.0 193.2
176 84.2 0.0 187.0

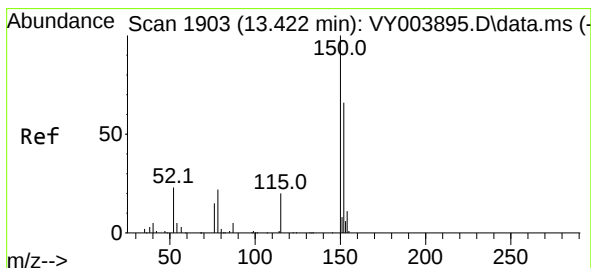
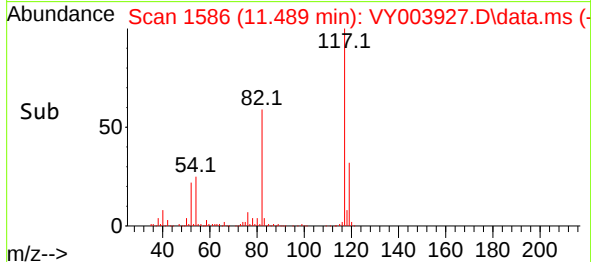
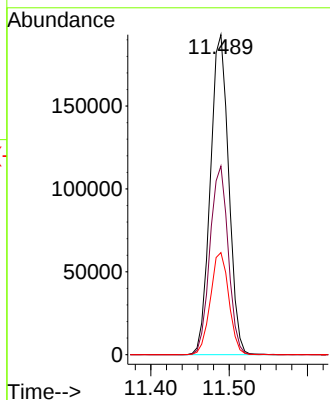
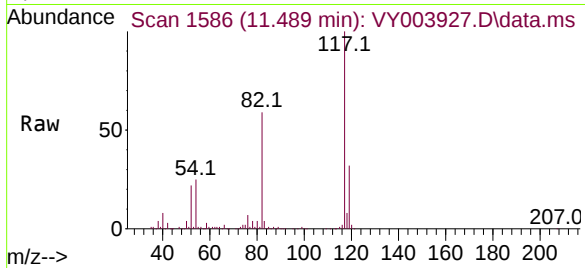




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

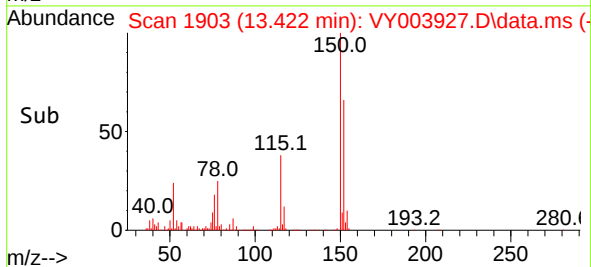
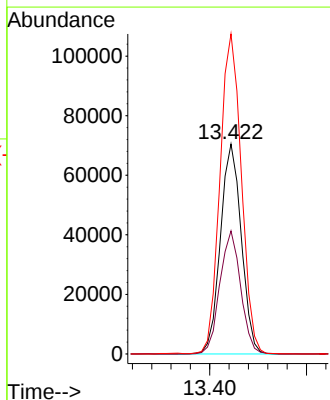
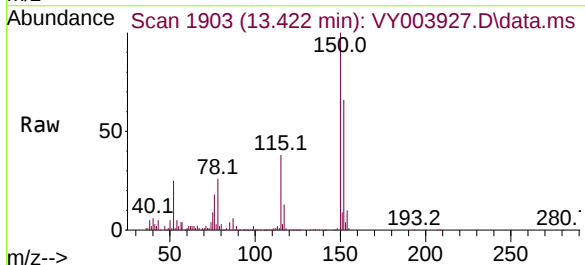
Instrument :
MSVOA_Y
ClientSampleId :

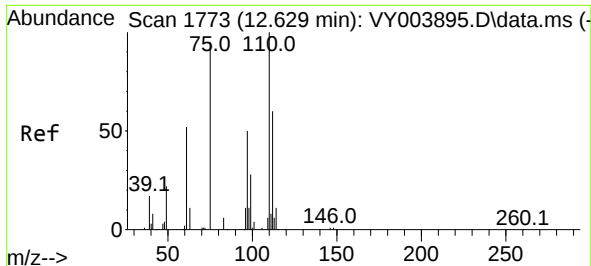
Tgt Ion:117 Resp: 313546
Ion Ratio Lower Upper
117 100
82 58.9 43.9 65.9
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion:152 Resp: 105560
Ion Ratio Lower Upper
152 100
115 58.2 27.9 83.7
150 155.7 0.0 356.4

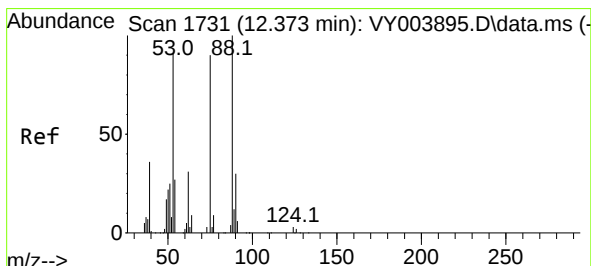
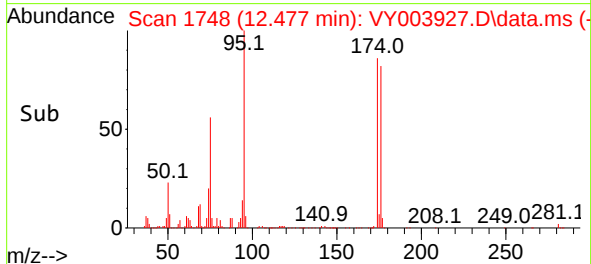
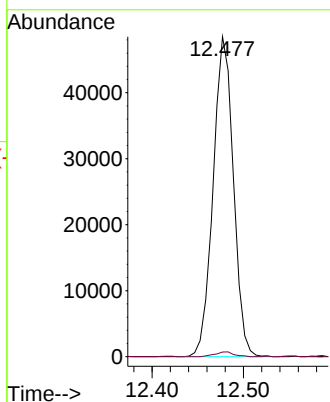
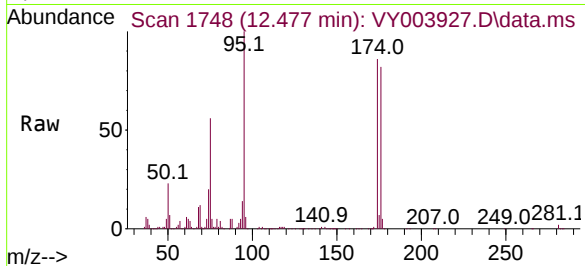




#76
1,2,3-Trichloropropane
Concen: 52.33 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

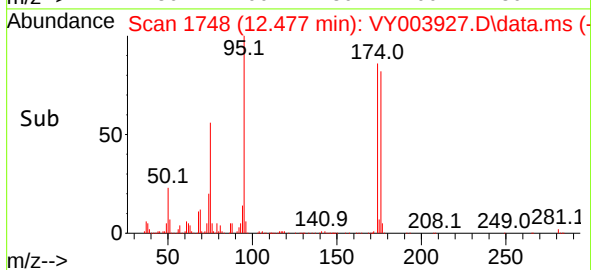
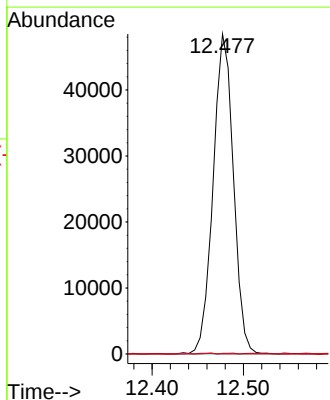
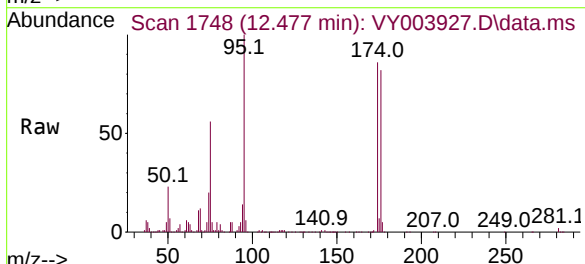
Instrument :
MSVOA_Y
ClientSampled :

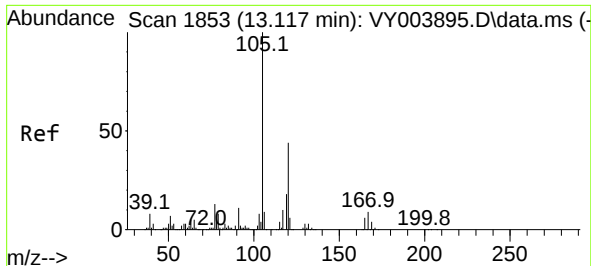
Tgt Ion: 75 Resp: 74697
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.35 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion: 75 Resp: 74697
Ion Ratio Lower Upper
75 100
53 0.2 75.0 112.6#
89 0.1 0.0 0.0#

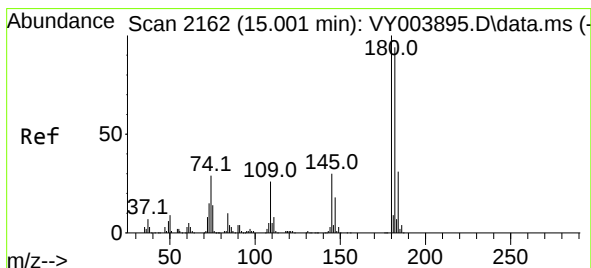
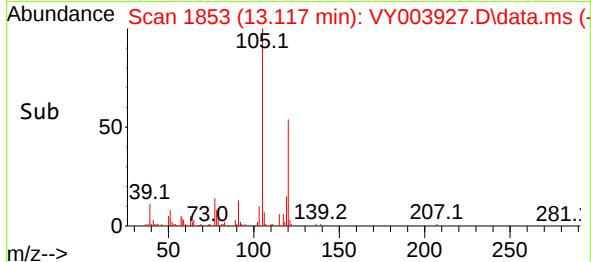
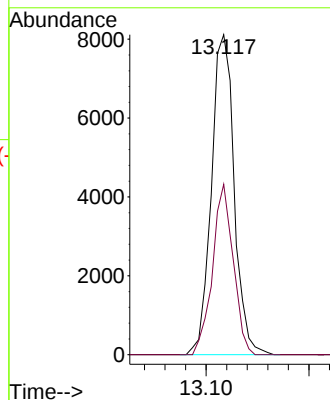
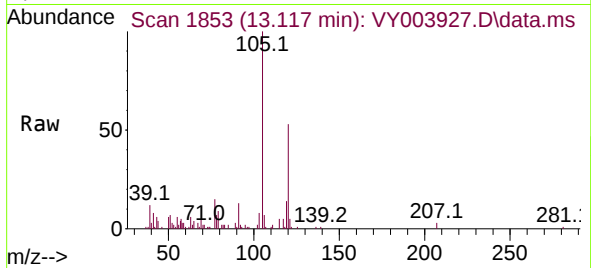




#84
1,2,4-Trimethylbenzene
Concen: 1.53 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

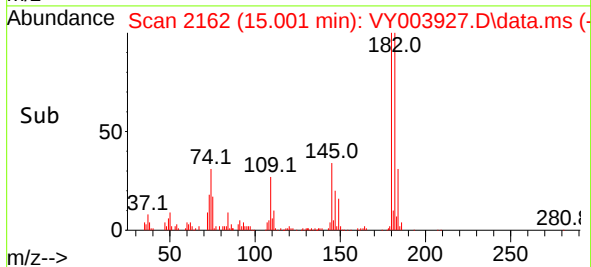
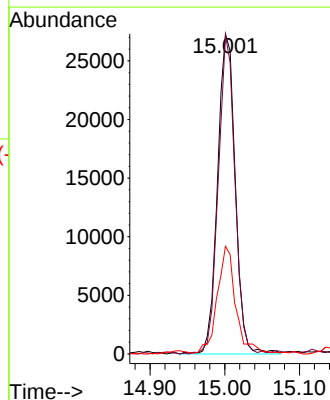
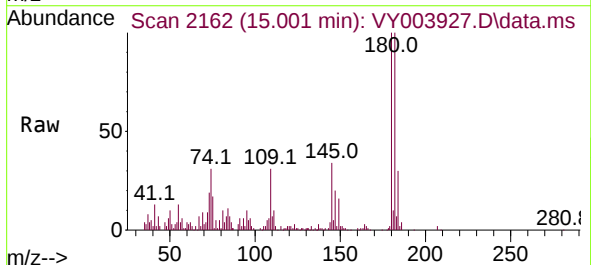
Instrument :
MSVOA_Y
ClientSampleId :

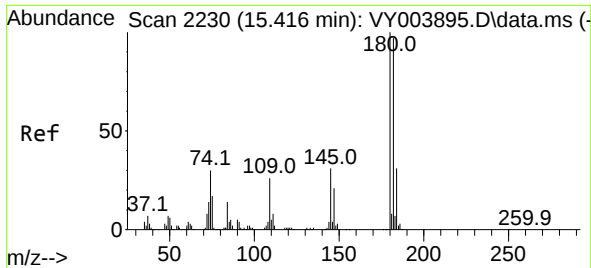
Tgt Ion:105 Resp: 12456
Ion Ratio Lower Upper
105 100
120 48.5 22.9 68.5



#93
1,2,4-Trichlorobenzene
Concen: 15.59 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VY003927.D
Acq: 14 Jan 2021 18:24

Tgt Ion:180 Resp: 44858
Ion Ratio Lower Upper
180 100
182 94.0 47.8 143.3
145 34.7 14.2 42.8





#96
 1,2,3-Trichlorobenzene
 Concen: 3.88 ug/l
 RT: 15.416 min Scan# 2230
 Delta R.T. -0.000 min
 Lab File: VY003927.D
 Acq: 14 Jan 2021 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:180 Resp: 9829
 Ion Ratio Lower Upper
 180 100
 182 78.7 47.8 143.4
 145 44.7 14.8 44.4#

