

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051721\
 Data File : VY004801.D
 Acq On : 17 May 2021 13:46
 Operator : SY/MD
 Sample : M2420-03
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 18 01:04:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

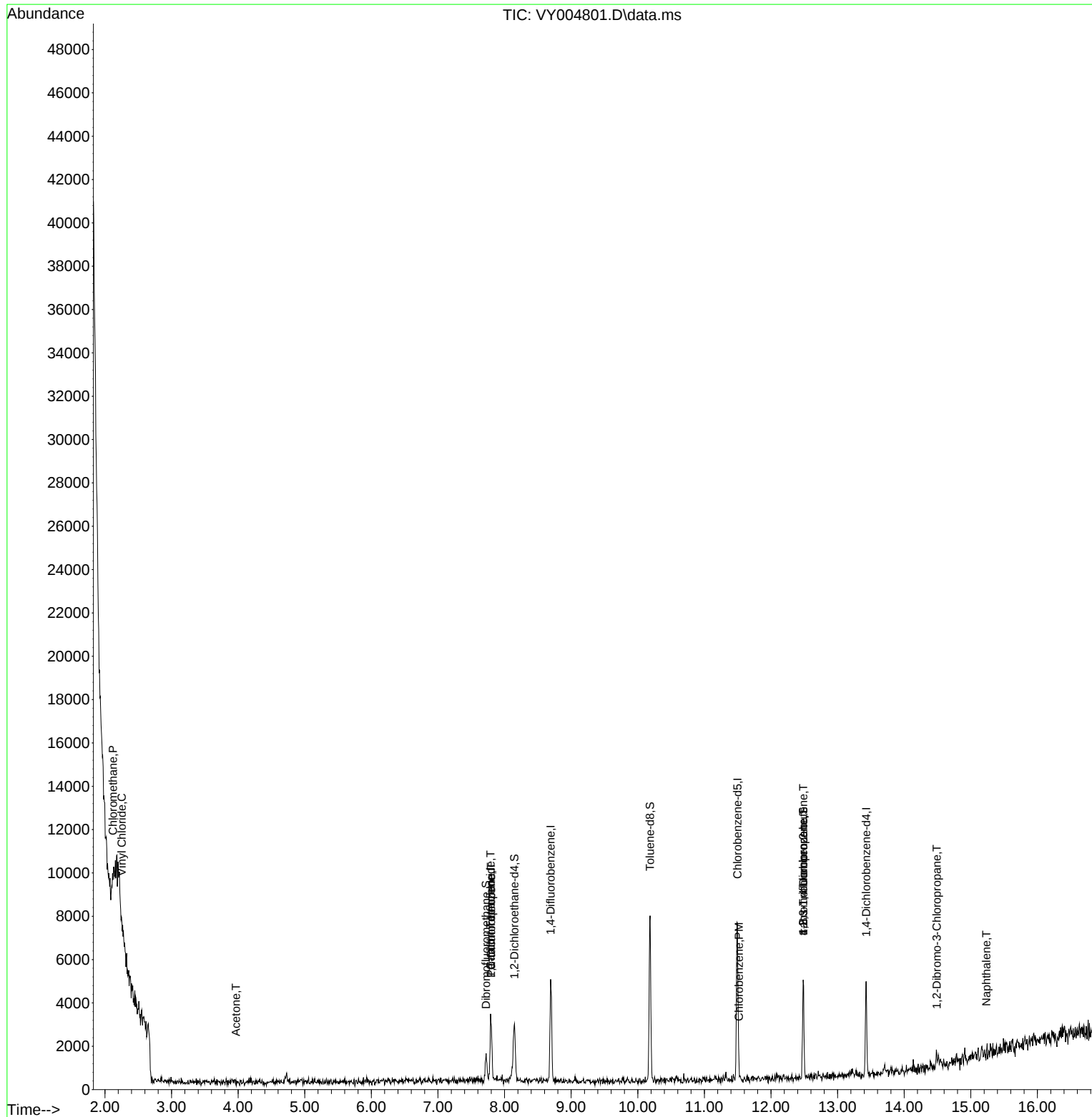
Internal Standards						
1) Pentafluorobenzene	7.795	168	2336	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	3961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2067	74.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.68%
35) Dibromofluoromethane	7.722	113	815	37.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.16%
50) Toluene-d8	10.185	98	5323	54.34	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.68%
62) 4-Bromofluorobenzene	12.483	95	1481	44.80	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.60%
Target Compounds						
						Qvalue
3) Chloromethane	2.119	50	128	3.69	ug/l	# 43
4) Vinyl Chloride	2.253	62	310	8.74	ug/l	# 43
16) Acetone	3.967	43	21	3.36	ug/l	# 45
20) Methylene Chloride	4.716	84	154	Below Cal	#	31
36) 1,1-Dichloropropene	7.795	75	200	4.93	ug/l	# 42
38) Carbon Tetrachloride	7.789	117	188	5.15	ug/l	# 12
65) Chlorobenzene	11.520	112	238	2.77	ug/l	# 43
76) 1,2,3-Trichloropropane	12.483	75	805	65.06	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	805	112.80	ug/l	# 13
92) 1,2-Dibromo-3-Chloropr...	14.489	75	20	6.10	ug/l	# 4
95) Naphthalene	15.233	128	96	2.01	ug/l	# 69

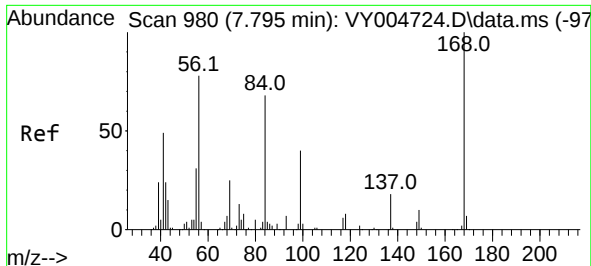
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 18 01:04:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

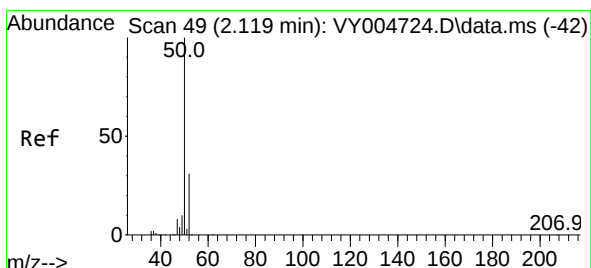
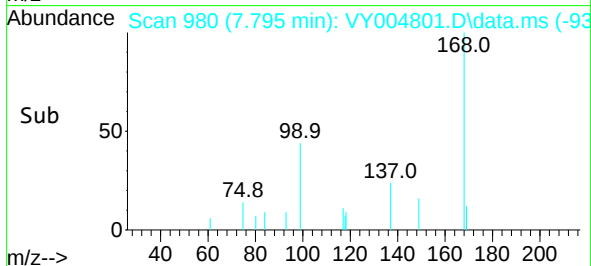
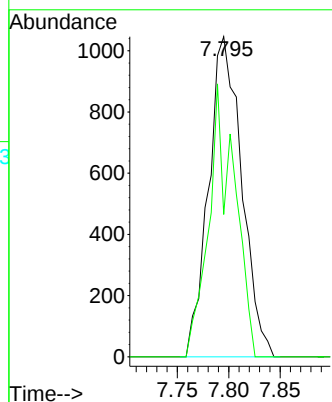
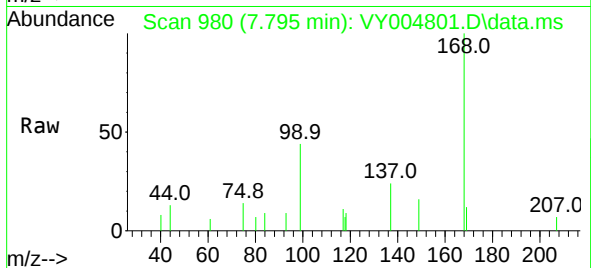




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

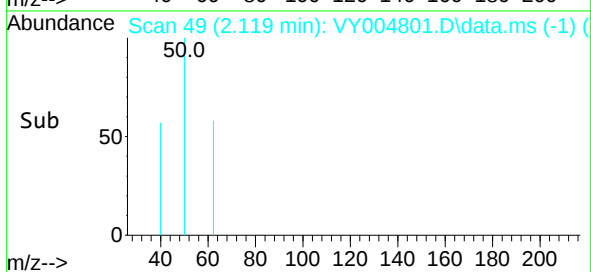
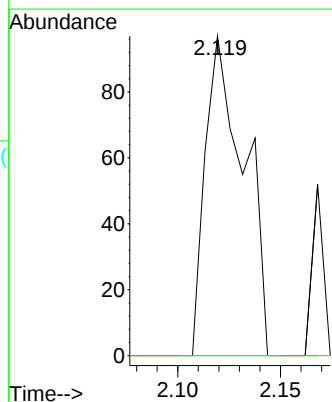
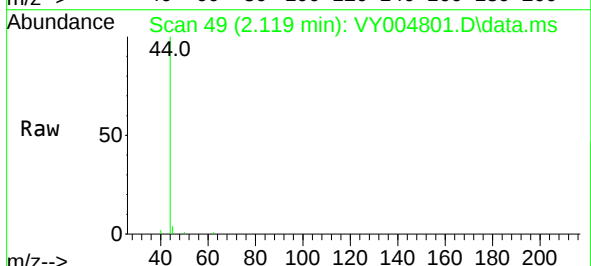
Instrument :
MSVOA_Y
ClientSampled :

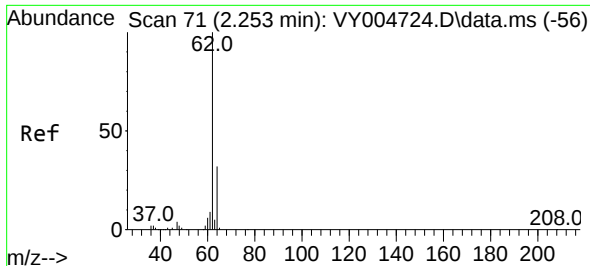
Tgt Ion:168 Resp: 2336
Ion Ratio Lower Upper
168 100
99 44.5 45.6 68.4#



#3
Chloromethane
Concen: 3.69 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

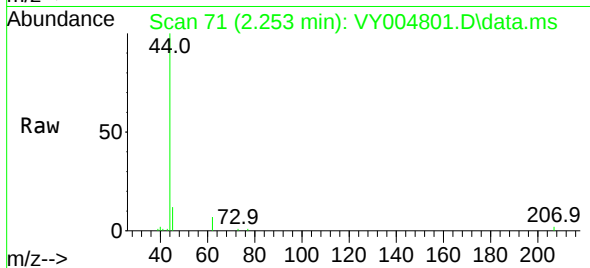
Tgt Ion: 50 Resp: 128
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.6#



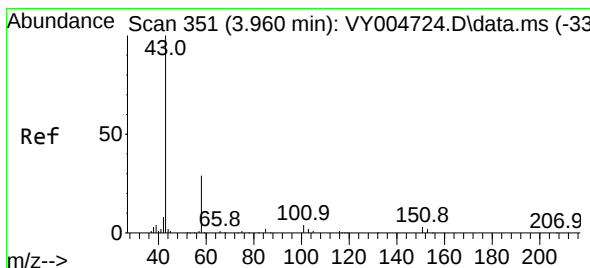
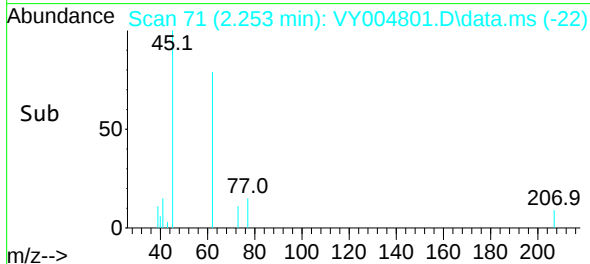
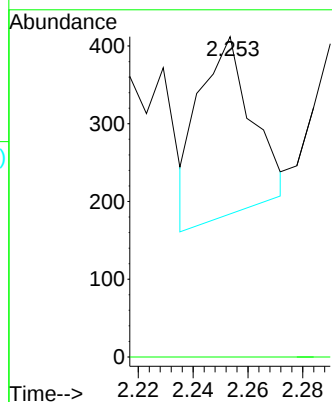


#4
 Vinyl Chloride
 Concen: 8.74 ug/l
 RT: 2.253 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VY004801.D
 Acq: 17 May 2021 13:46

Instrument :
 MSVOA_Y
 ClientSampled :

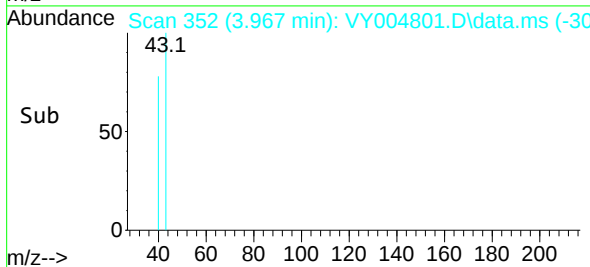
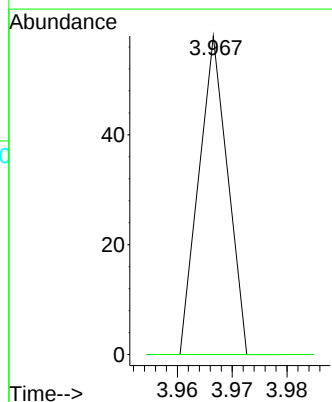
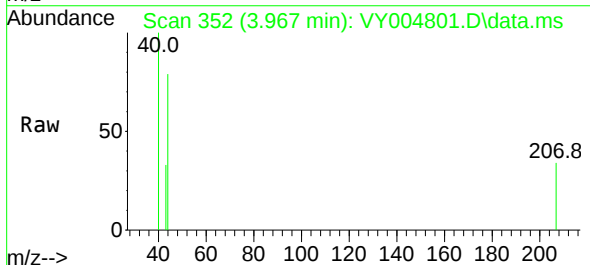


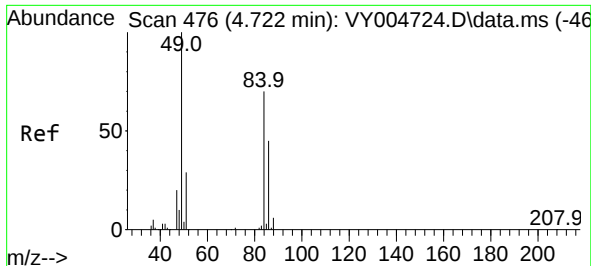
Tgt Ion: 62 Resp: 310
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.2#



#16
 Acetone
 Concen: 3.36 ug/l
 RT: 3.967 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VY004801.D
 Acq: 17 May 2021 13:46

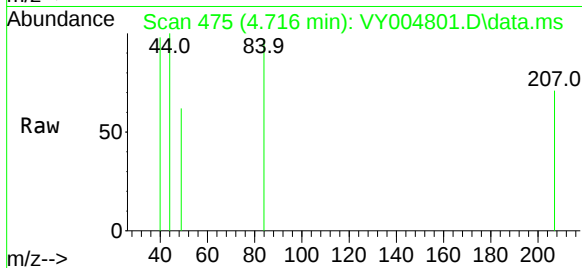
Tgt Ion: 43 Resp: 21
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.6 35.4#



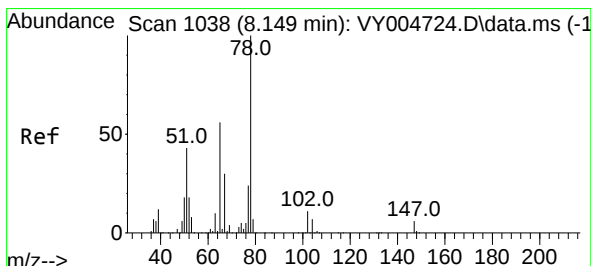
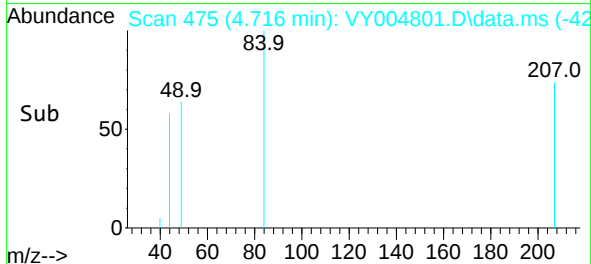
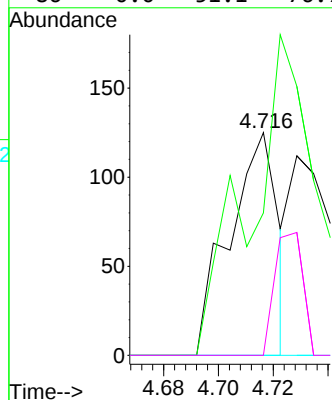


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

Instrument :
MSVOA_Y
ClientSampled :

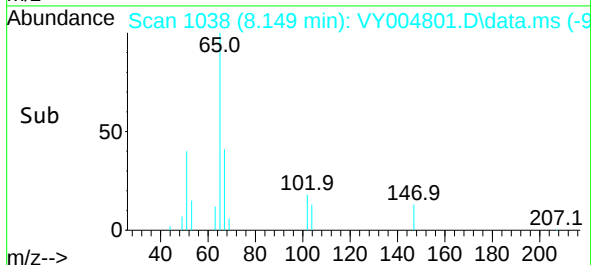
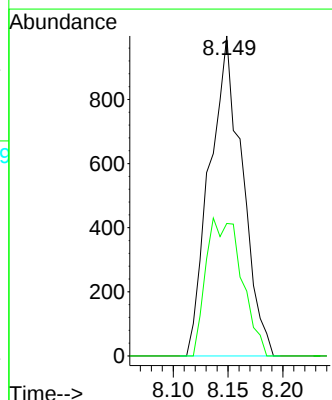
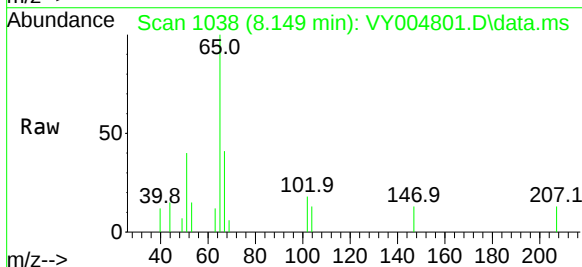


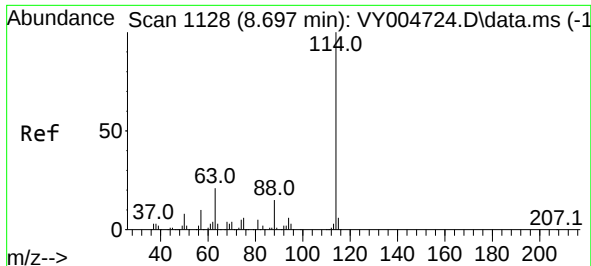
Tgt Ion: 84 Resp: 154
Ion Ratio Lower Upper
84 100
49 64.0 113.8 170.8#
51 0.0 33.5 50.3#
86 0.0 51.1 76.7#



#33
1,2-Dichloroethane-d4
Concen: 74.34 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

Tgt Ion: 65 Resp: 2067
Ion Ratio Lower Upper
65 100
67 47.0 0.0 108.0

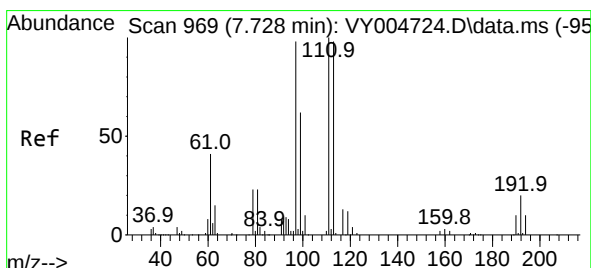
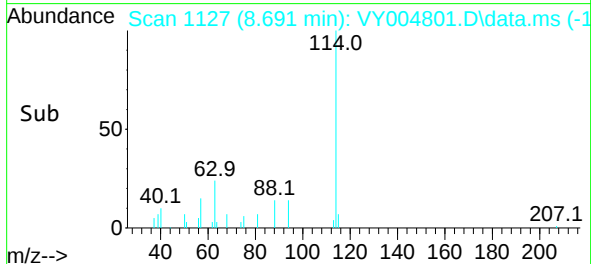
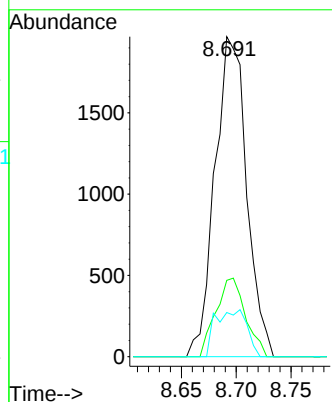
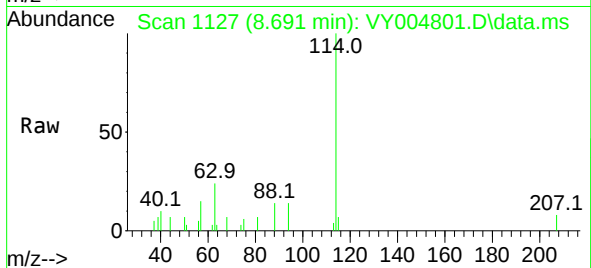




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

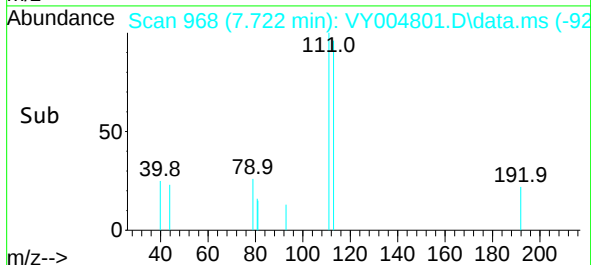
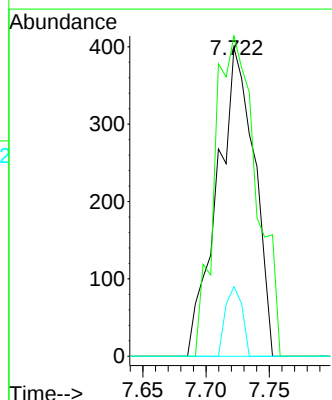
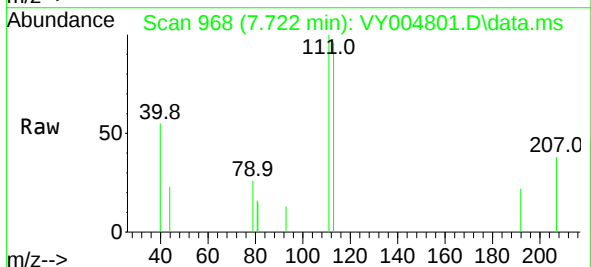
Instrument :
MSVOA_Y
ClientSampled :

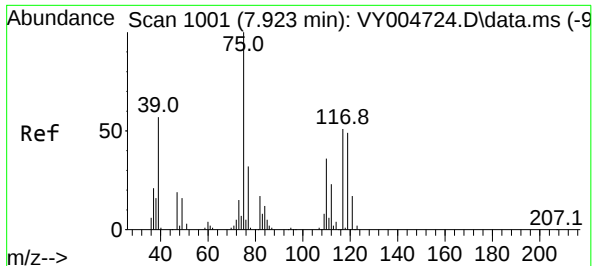
Tgt Ion:114	Resp:	3961
Ion Ratio	Lower	Upper
114	100	
63	27.0	0.0 42.8
88	13.8	0.0 31.0



#35
Dibromofluoromethane
Concen: 37.58 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

Tgt Ion:113	Resp:	815
Ion Ratio	Lower	Upper
113	100	
111	115.8	80.5 120.7
192	10.1	15.0 22.6#

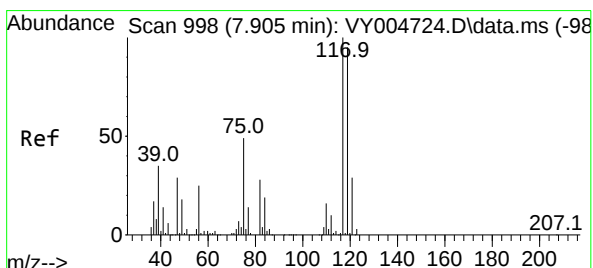
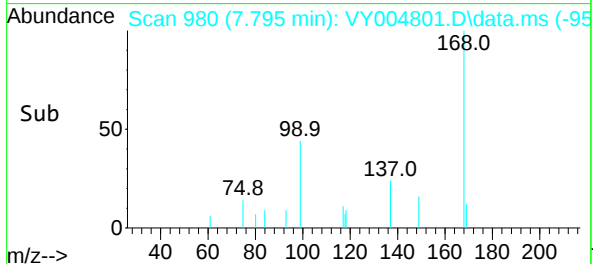
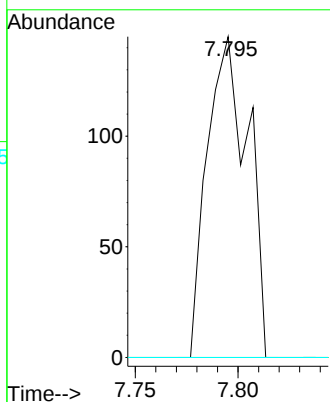
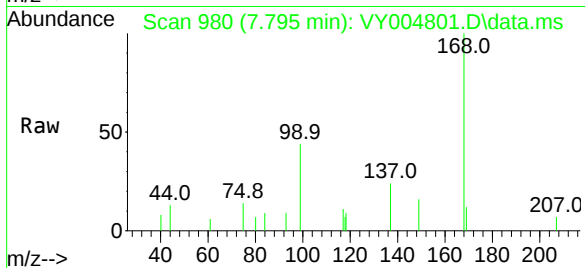




#36
1,1-Dichloropropene
Concen: 4.93 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

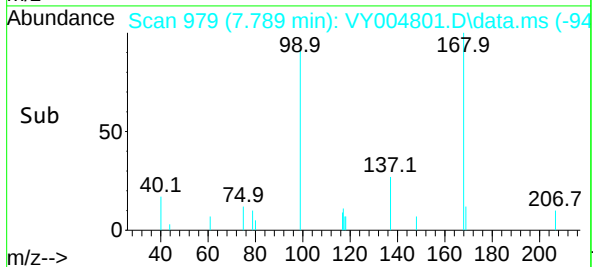
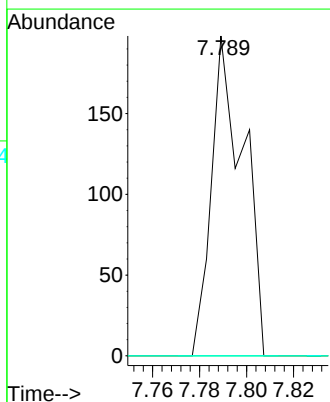
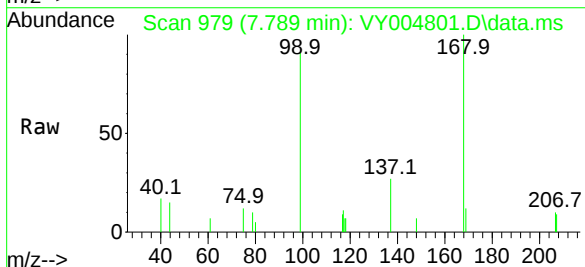
Instrument :
MSVOA_Y
ClientSampled :

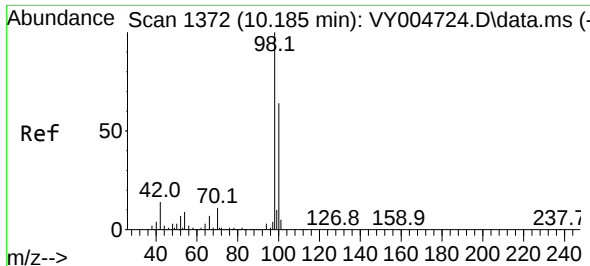
Tgt Ion: 75 Resp: 200
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.15 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

Tgt Ion: 117 Resp: 188
Ion Ratio Lower Upper
117 100
119 0.0 76.3 114.5#
121 0.0 23.0 34.6#

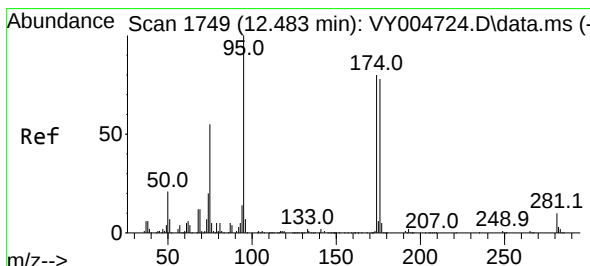
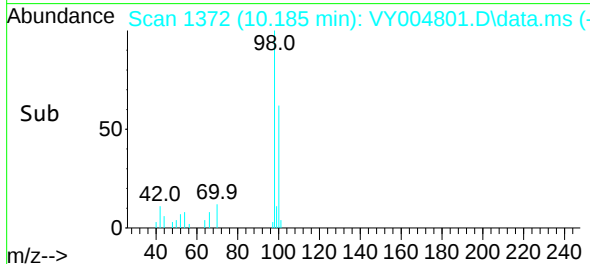
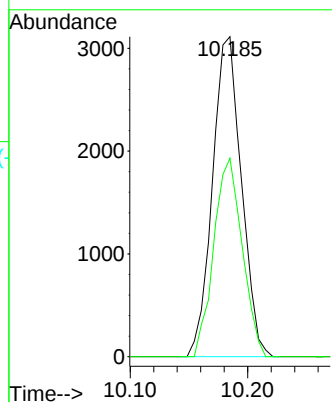
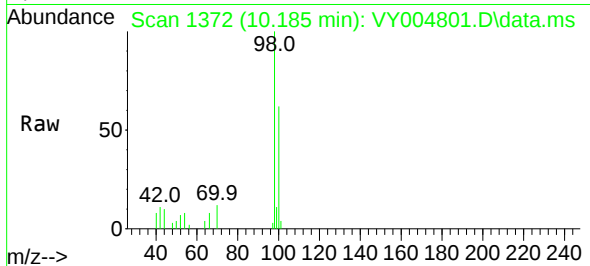




#50
Toluene-d8
Concen: 54.34 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

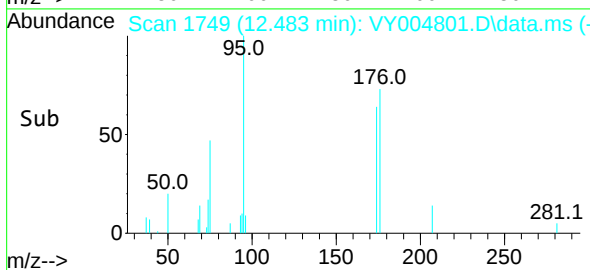
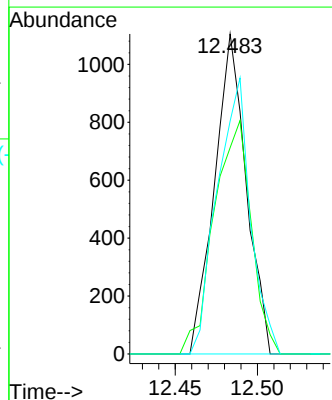
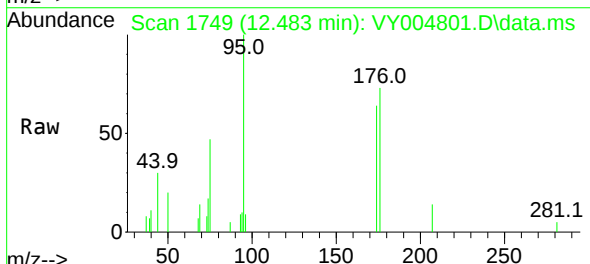
Instrument :
MSVOA_Y
ClientSampled :

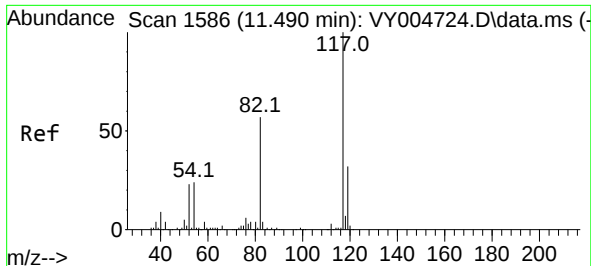
Tgt Ion: 98 Resp: 5323
Ion Ratio Lower Upper
98 100
100 60.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 44.80 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

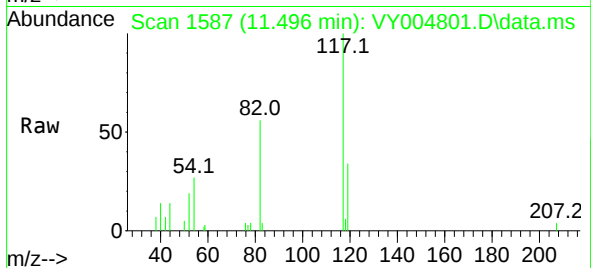
Tgt Ion: 95 Resp: 1481
Ion Ratio Lower Upper
95 100
174 85.4 0.0 164.2
176 90.6 0.0 159.0



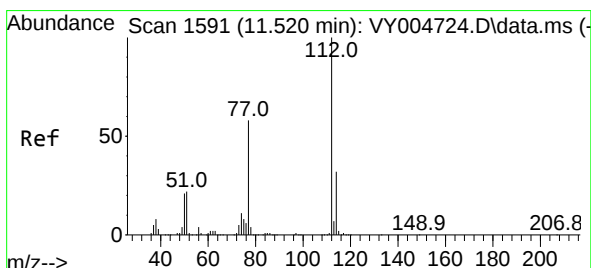
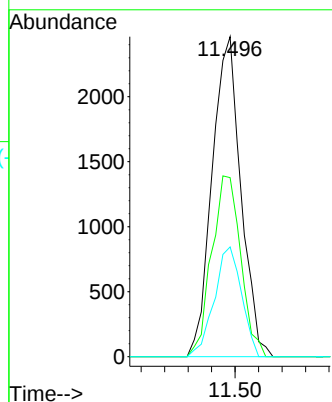
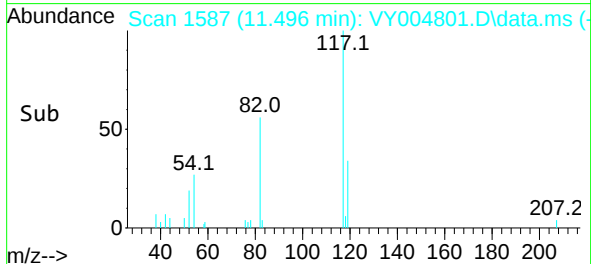


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

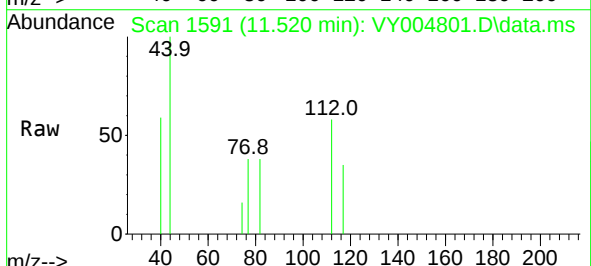
Instrument :
MSVOA_Y
ClientSampled :



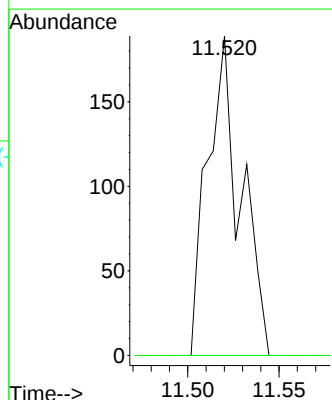
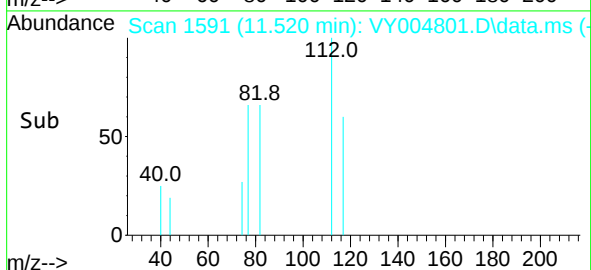
Tgt Ion:117 Resp: 4176
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 34.3 25.8 38.6

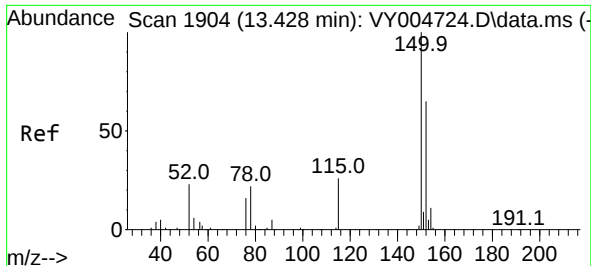


#65
Chlorobenzene
Concen: 2.77 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46



Tgt Ion:112 Resp: 238
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#

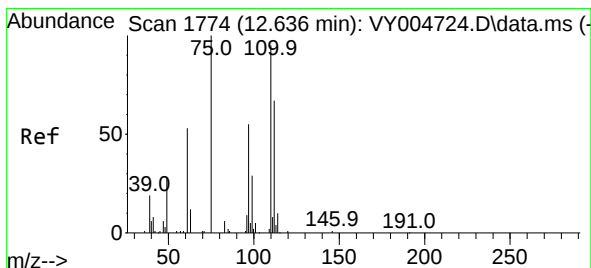
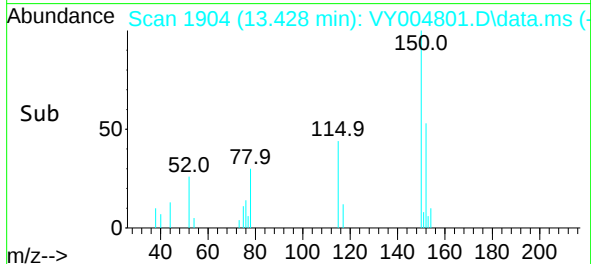
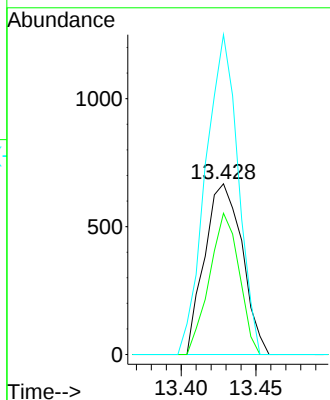
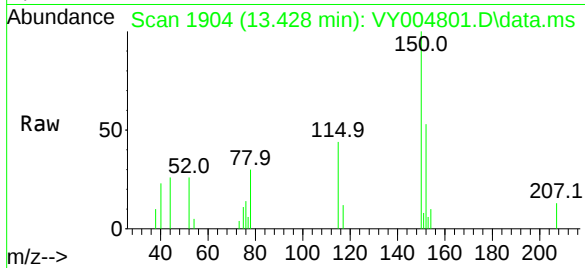




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

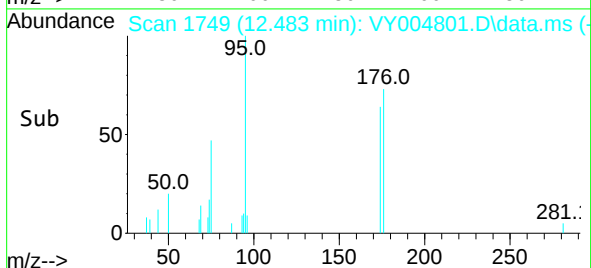
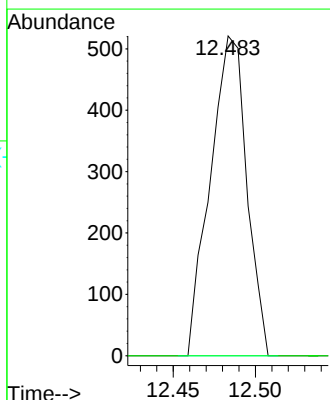
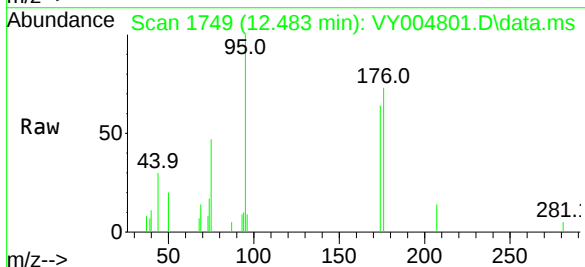
Instrument :
MSVOA_Y
ClientSampled :

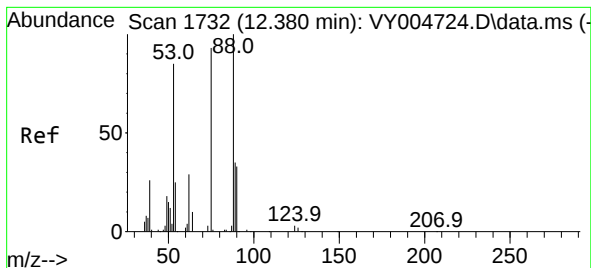
Tgt Ion:152 Resp: 1165
Ion Ratio Lower Upper
152 100
115 65.5 29.4 88.3
150 162.7 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 65.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

Tgt Ion: 75 Resp: 805
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

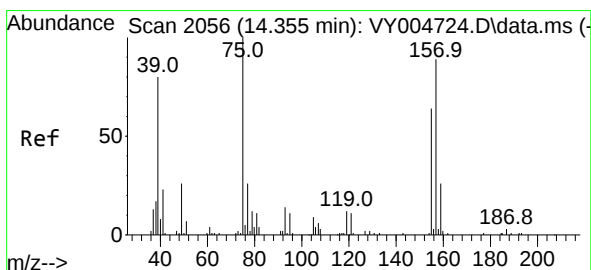
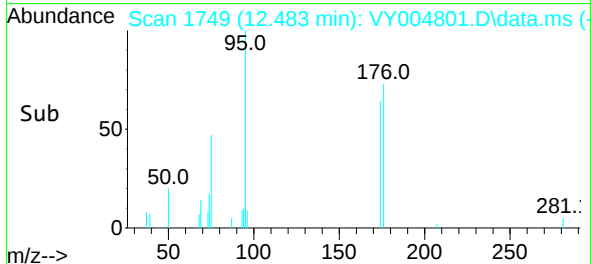
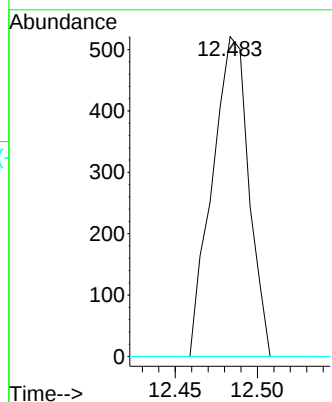
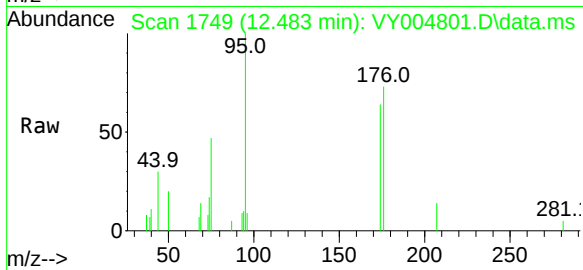




#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.80 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004801.D
 Acq: 17 May 2021 13:46

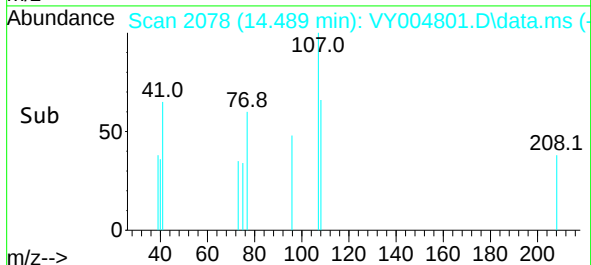
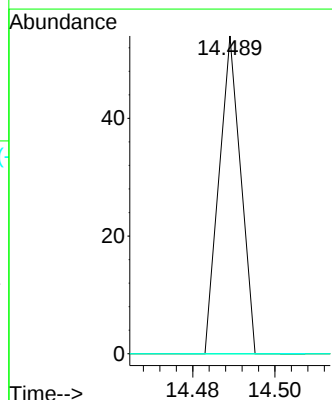
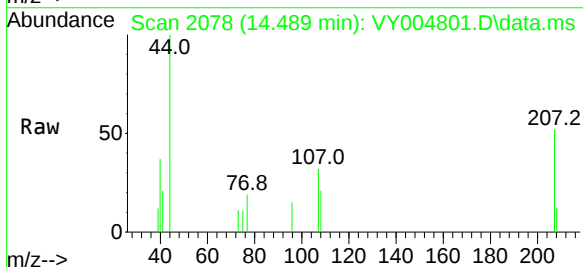
Instrument :
 MSVOA_Y
 ClientSampled :

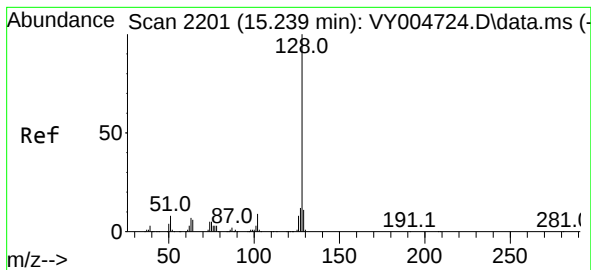
Tgt Ion: 75 Resp: 805
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 35.5 53.3#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.10 ug/l
 RT: 14.489 min Scan# 2078
 Delta R.T. 0.134 min
 Lab File: VY004801.D
 Acq: 17 May 2021 13:46

Tgt Ion: 75 Resp: 20
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.0 117.0#
 157 0.0 50.2 150.7#





#95
Naphthalene
Concen: 2.01 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004801.D
Acq: 17 May 2021 13:46

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 96
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

