

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004493.D
 Acq On : 19 Apr 2021 13:19
 Operator : SY/MD
 Sample : M2050-17RE
 Misc : 5.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Apr 20 01:47:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

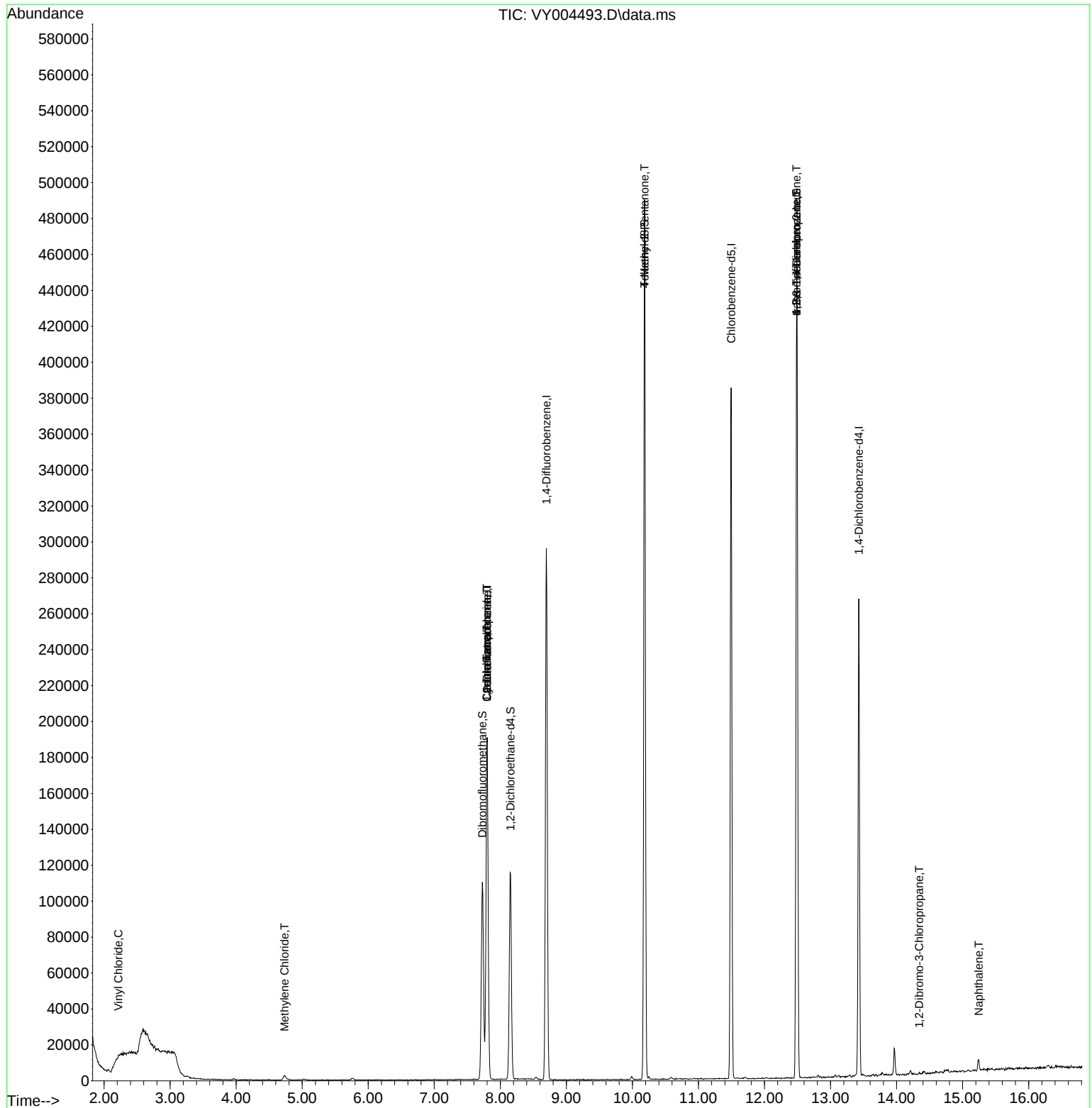
Internal Standards						
1) Pentafluorobenzene	7.801	168	144331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	244924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	199184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62440	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	89458	55.79	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.58%
35) Dibromofluoromethane	7.728	113	76169	56.04	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.08%
50) Toluene-d8	10.185	98	298138	51.57	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.14%
62) 4-Bromofluorobenzene	12.483	95	75803	38.64	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.28%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.217	62	5953	2.92	ug/l #	43
16) Acetone	3.960	43	970	Below	Cal	98
20) Methylene Chloride	4.735	84	1665	1.07	ug/l	93
31) Cyclohexane	7.795	56	3458	1.18	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12076	4.96	ug/l #	51
38) Carbon Tetrachloride	7.795	117	14388	6.84	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1602	1.05	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	43998	65.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43998	117.45	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.343	75	183	1.12	ug/l #	2
95) Naphthalene	15.245	128	4858	1.88	ug/l	99

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

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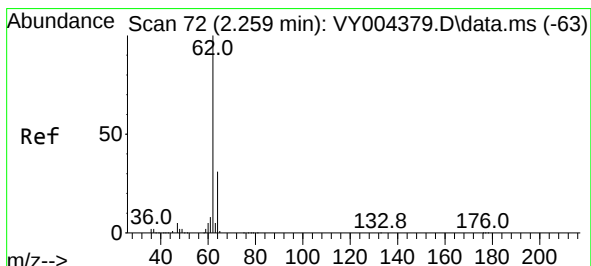
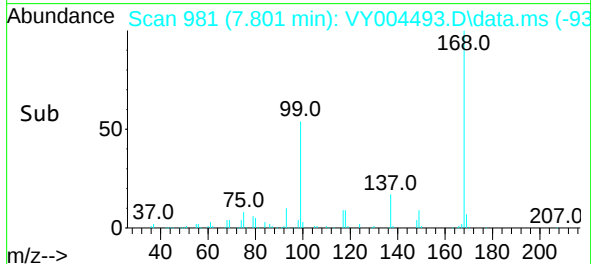
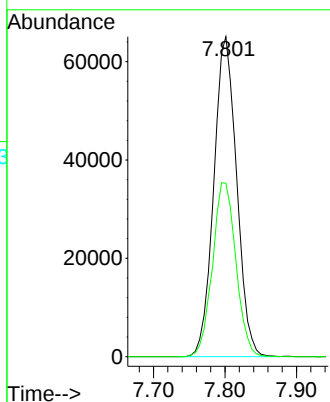
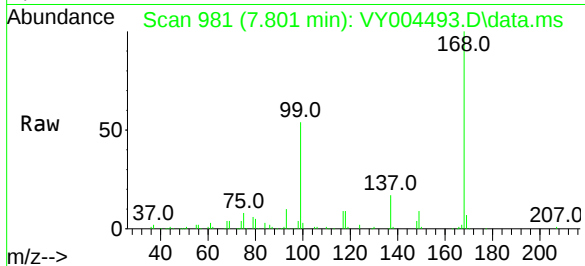




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

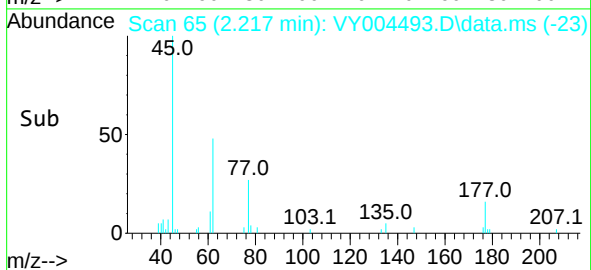
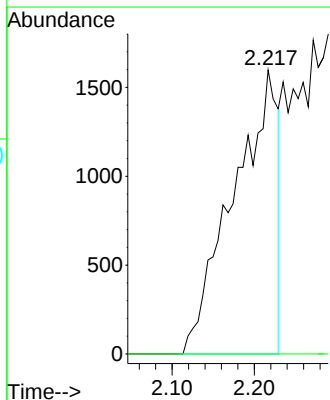
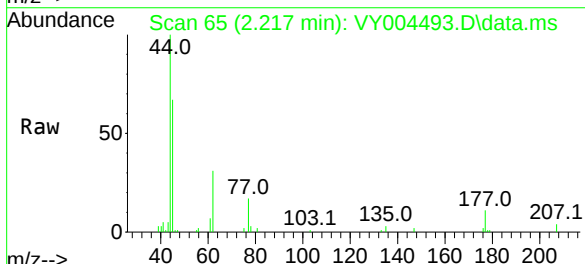
Instrument :
MSVOA_Y
ClientSampled :
TP-6

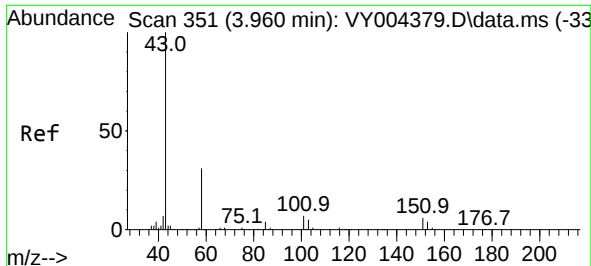
Tgt Ion:168 Resp: 144331
Ion Ratio Lower Upper
168 100
99 54.2 45.5 68.3



#4
Vinyl Chloride
Concen: 2.92 ug/l
RT: 2.217 min Scan# 65
Delta R.T. -0.042 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

Tgt Ion: 62 Resp: 5953
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

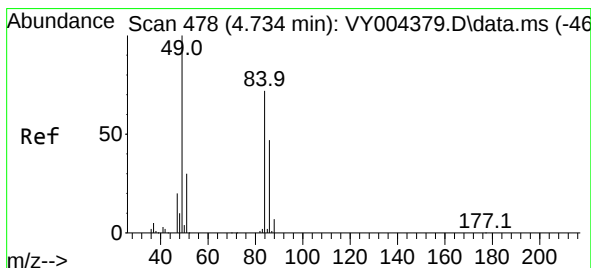
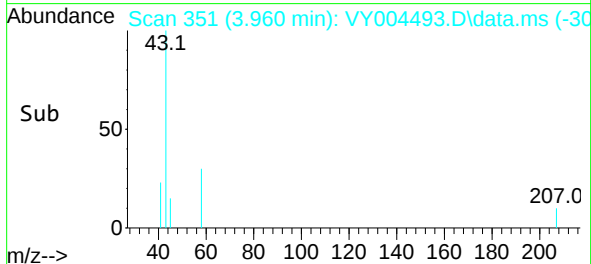
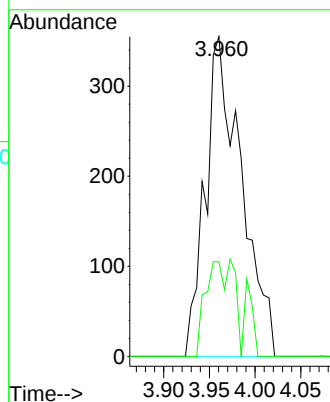
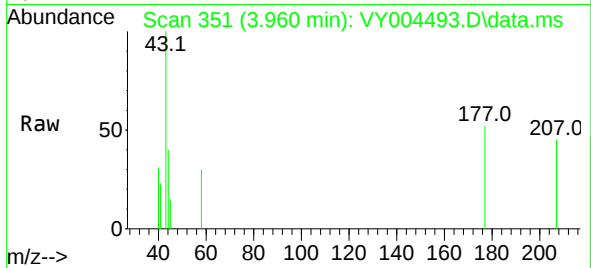




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

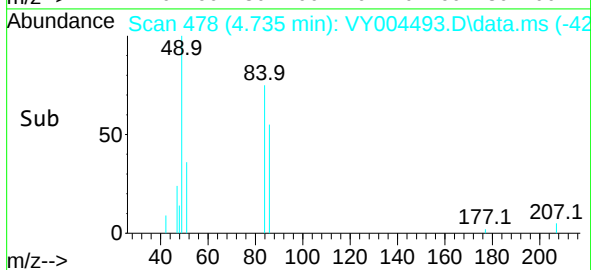
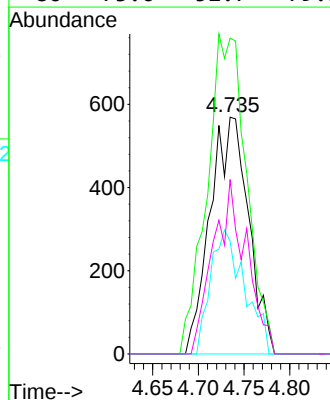
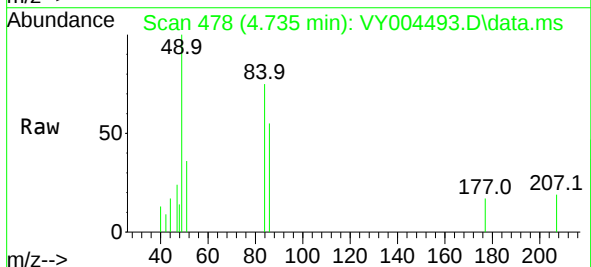
Instrument :
MSVOA_Y
ClientSampled :
TP-6

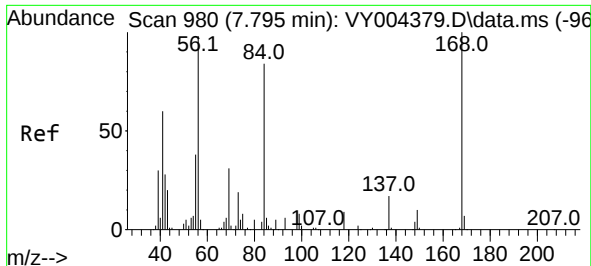
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 29.6 24.6 37.0



#20
Methylene Chloride
Concen: 1.07 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

Tgt Ion: 84 Resp: 1665
Ion Ratio Lower Upper
84 100
49 133.4 111.2 166.8
51 47.6 33.4 50.2
86 73.6 52.7 79.1

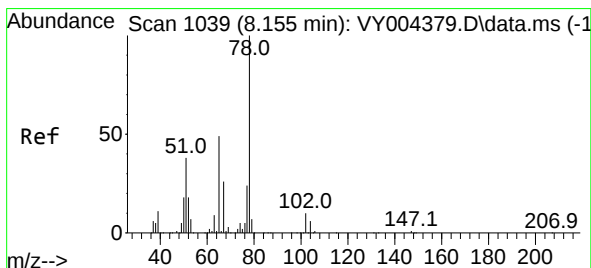
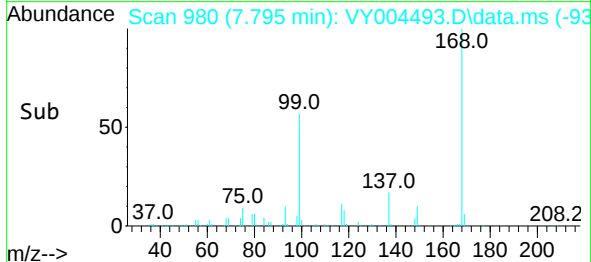
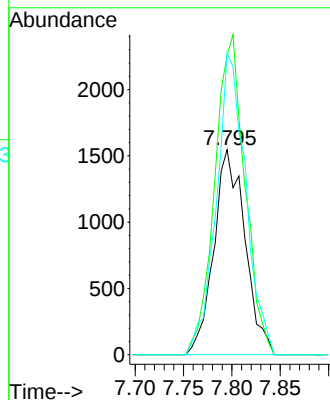
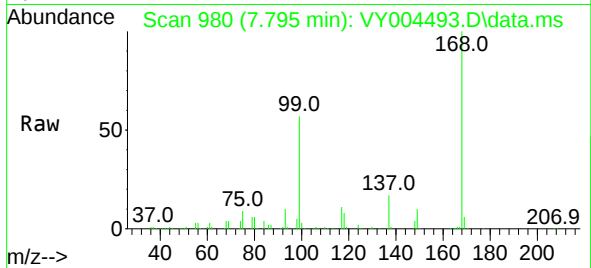




#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

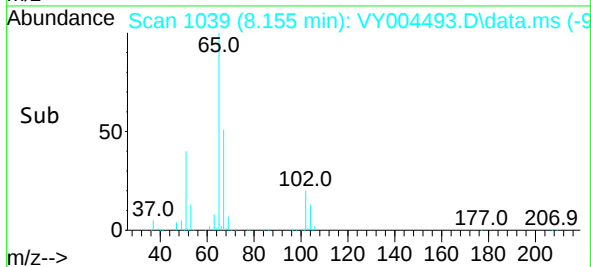
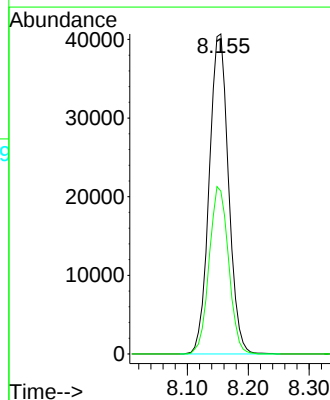
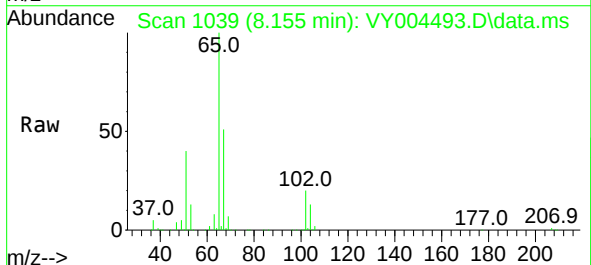
Instrument :
MSVOA_Y
ClientSampled :
TP-6

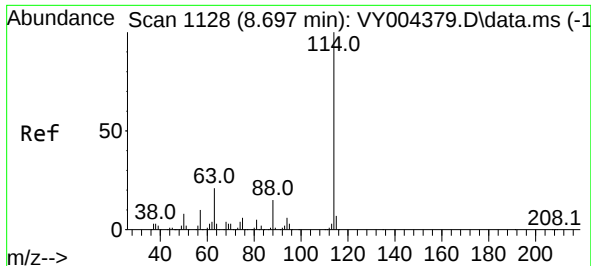
Tgt Ion: 56 Resp: 3458
Ion Ratio Lower Upper
56 100
69 146.2 25.8 38.6#
84 147.3 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 55.79 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

Tgt Ion: 65 Resp: 89458
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.4

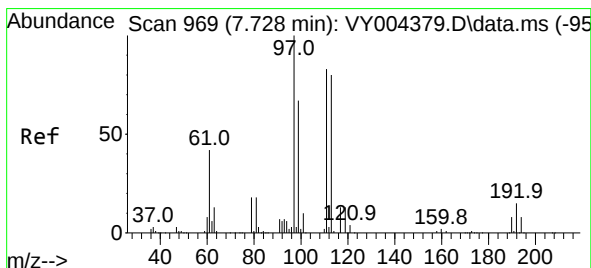
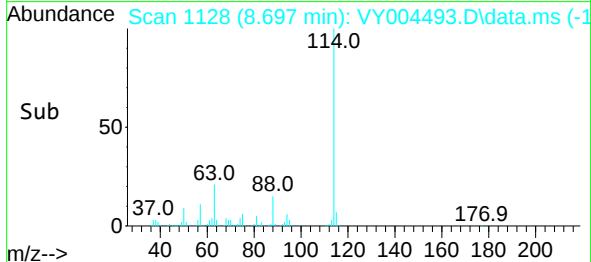
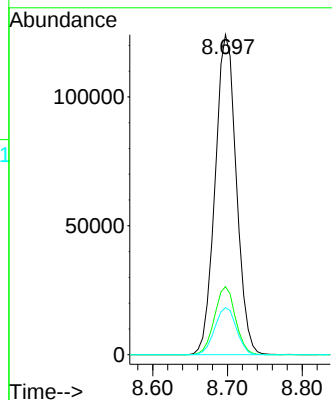
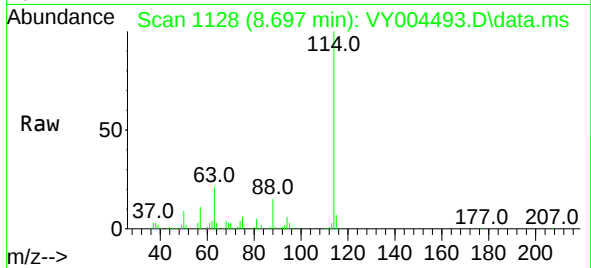




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

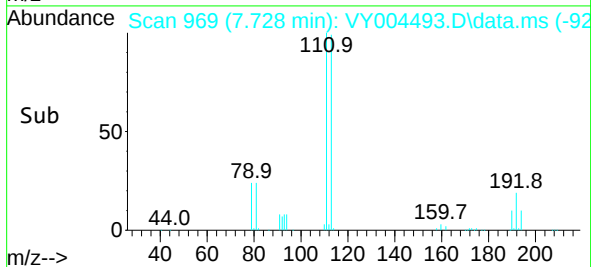
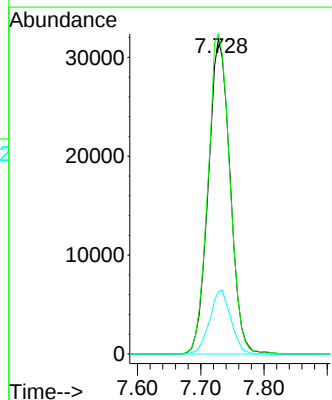
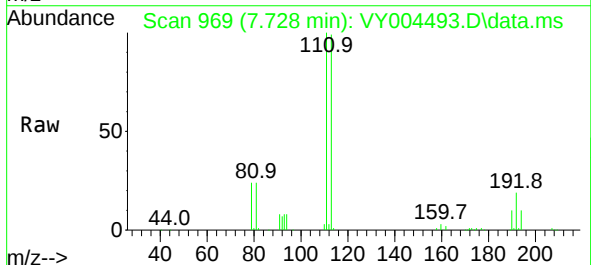
Instrument :
MSVOA_Y
ClientSampled :
TP-6

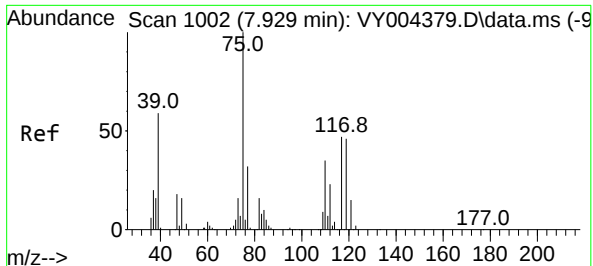
Tgt Ion:114 Resp: 244924
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 14.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.04 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

Tgt Ion:113 Resp: 76169
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 19.8 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.96 ug/l

RT: 7.795 min Scan# 980

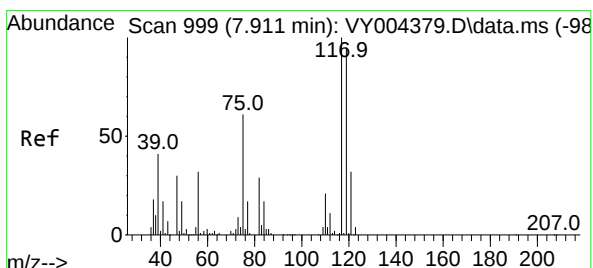
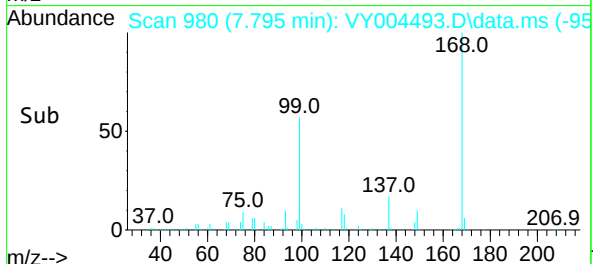
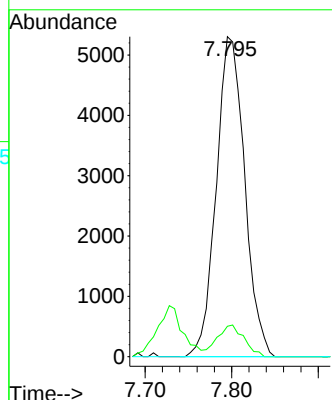
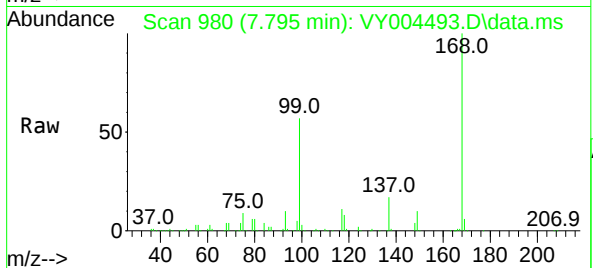
Delta R.T. -0.134 min

Lab File: VY004493.D

Acq: 19 Apr 2021 13:19

Tgt Ion:	75	Resp:	12076
Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampled :
TP-6



#38

Carbon Tetrachloride

Concen: 6.84 ug/l

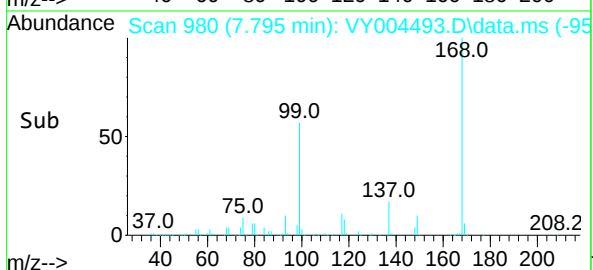
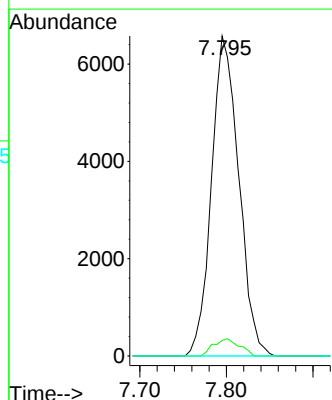
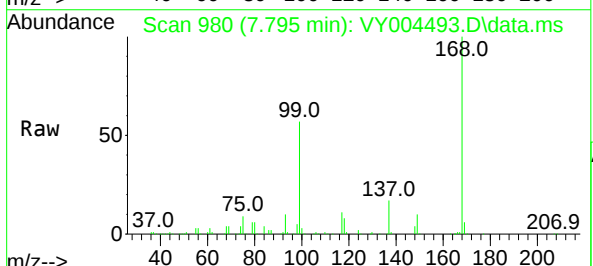
RT: 7.795 min Scan# 980

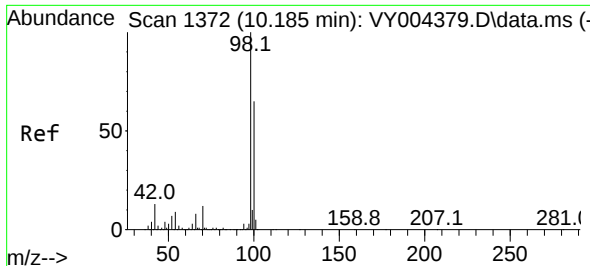
Delta R.T. -0.116 min

Lab File: VY004493.D

Acq: 19 Apr 2021 13:19

Tgt Ion:	117	Resp:	14388
Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.8	113.8#
121	0.0	25.3	37.9#

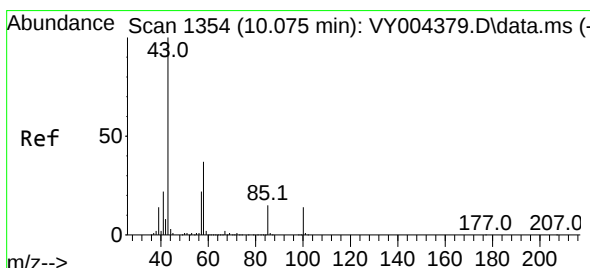
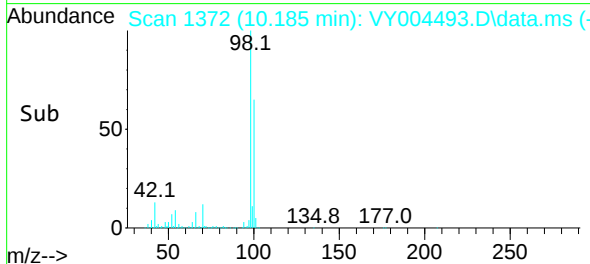
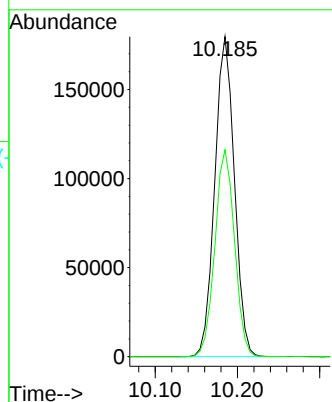
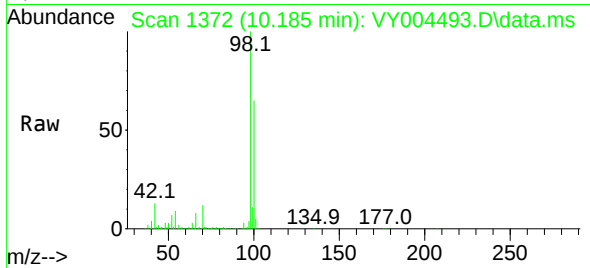




#50
Toluene-d8
Concen: 51.57 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

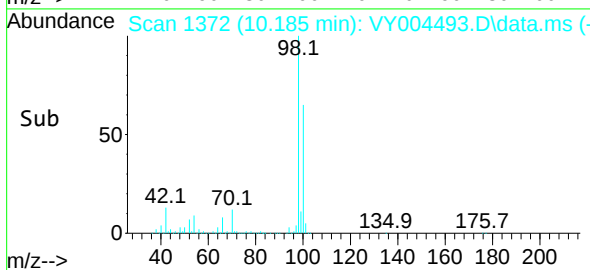
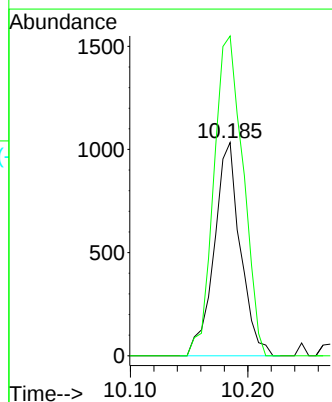
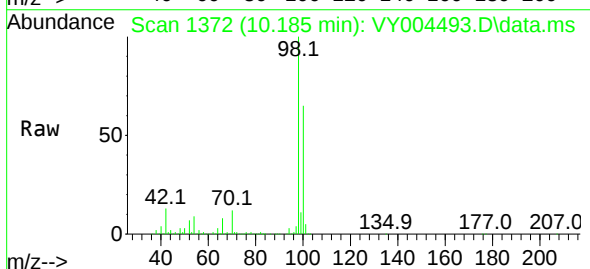
Instrument :
MSVOA_Y
ClientSampled :
TP-6

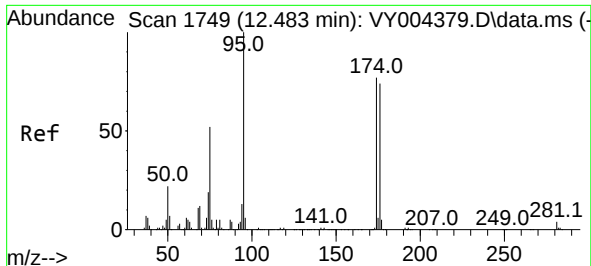
Tgt Ion: 98 Resp: 298138
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.05 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
58 167.4 29.2 43.8#

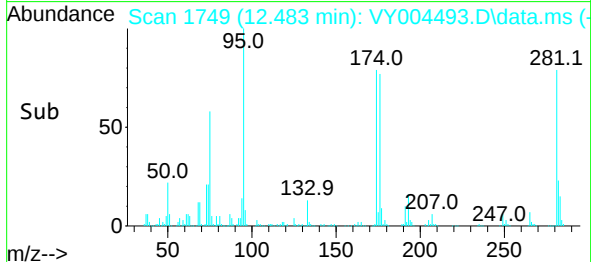
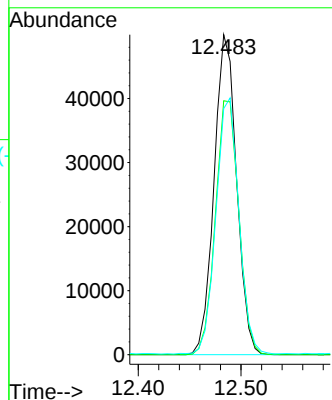
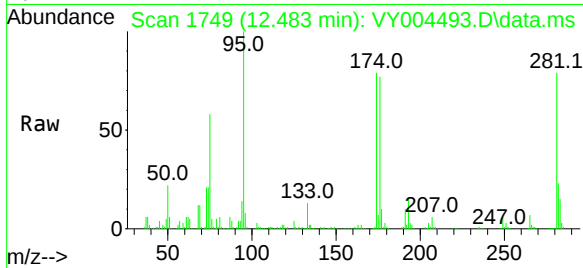




#62
4-Bromofluorobenzene
Concen: 38.64 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

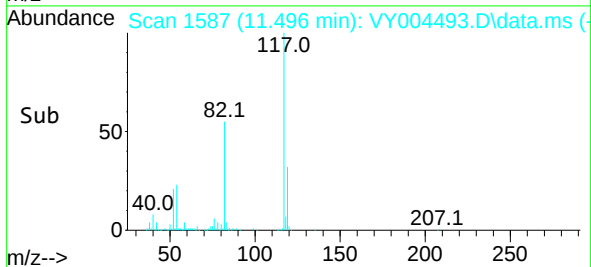
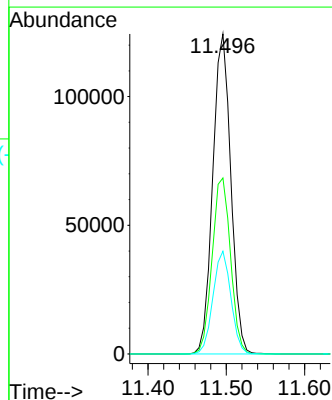
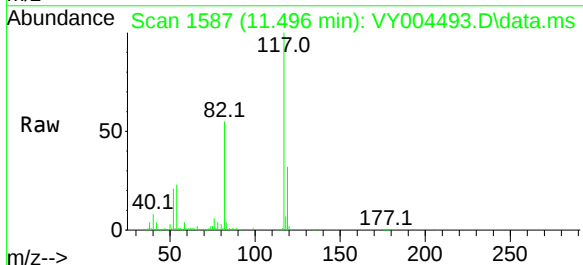
Instrument :
MSVOA_Y
ClientSampled :
TP-6

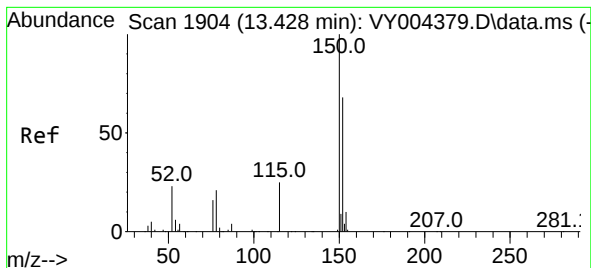
Tgt Ion:	95	Resp:	75803
Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	162.4
176	81.6	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

Tgt Ion:	117	Resp:	199184
Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.9	67.3
119	32.1	25.4	38.0

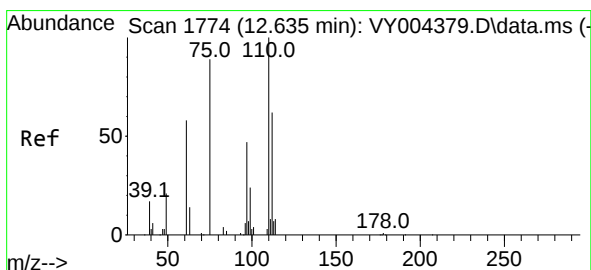
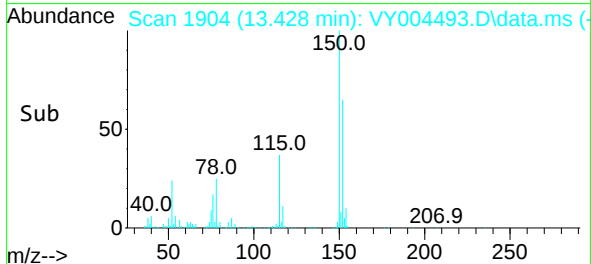
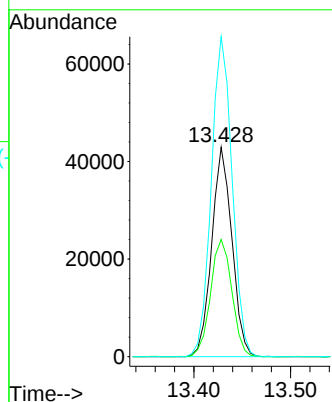
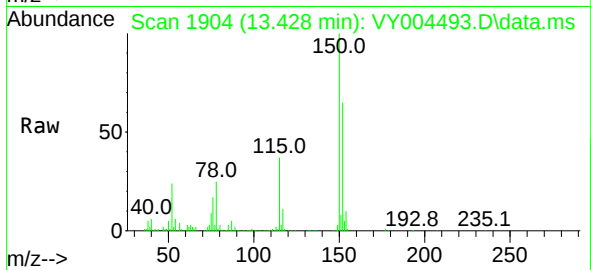




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

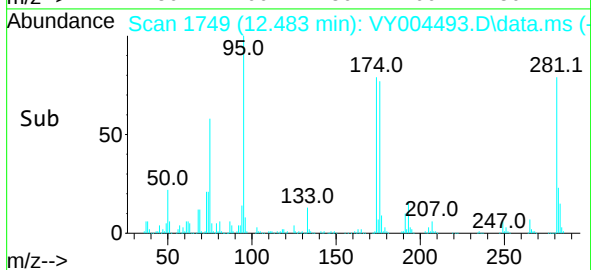
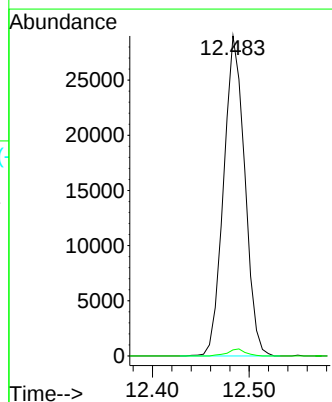
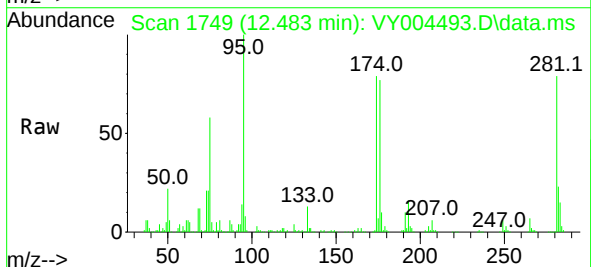
Instrument :
MSVOA_Y
ClientSampled :
TP-6

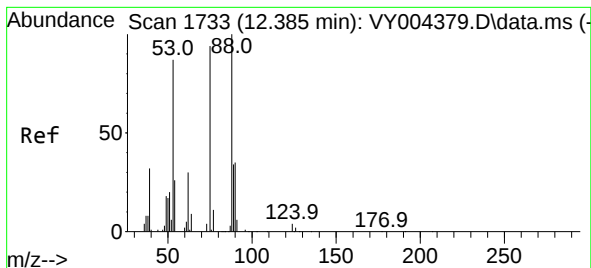
Tgt Ion:152 Resp: 62440
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 157.4 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 65.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

Tgt Ion: 75 Resp: 43998
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#

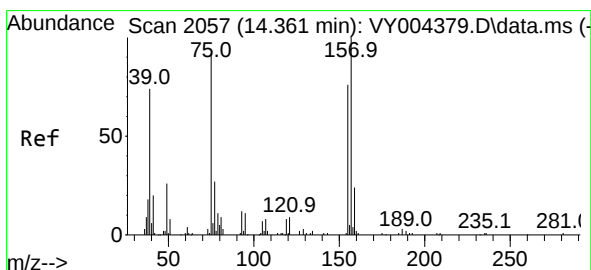
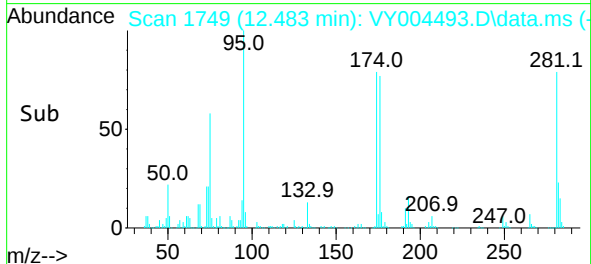
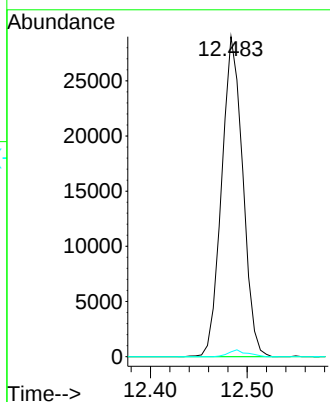
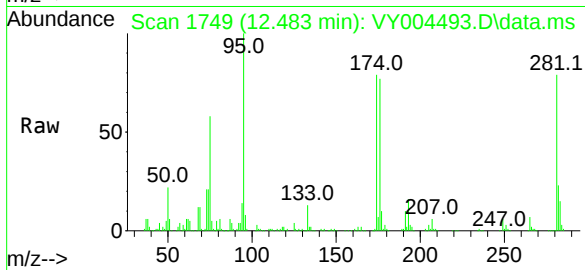




#81
trans-1,4-Dichloro-2-butene
Concen: 117.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

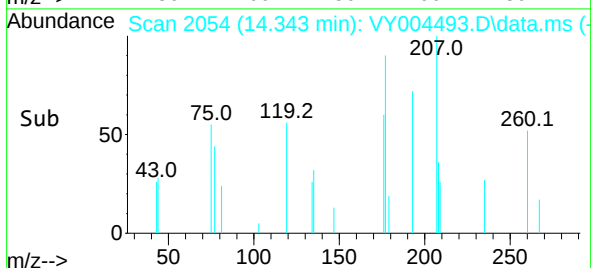
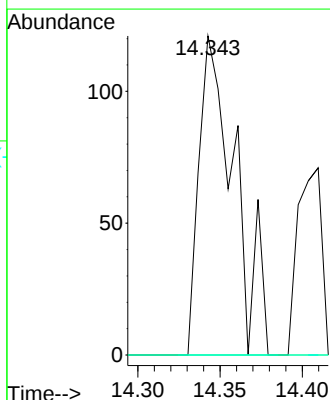
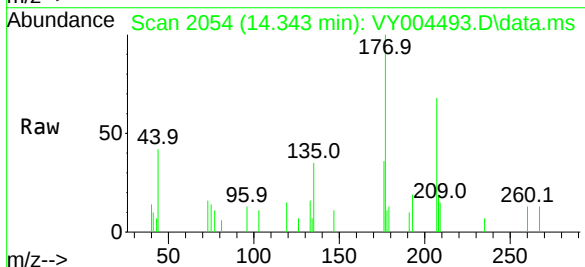
Instrument :
MSVOA_Y
ClientSampled :
TP-6

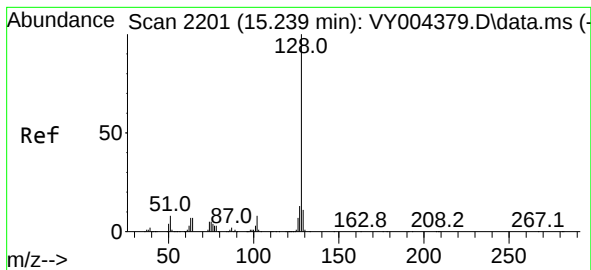
Tgt Ion: 75 Resp: 43998
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 1.8 36.1 54.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.12 ug/l
RT: 14.343 min Scan# 2054
Delta R.T. -0.018 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

Tgt Ion: 75 Resp: 183
Ion Ratio Lower Upper
75 100
155 0.0 40.6 121.8#
157 0.0 53.0 159.0#





#95
Naphthalene
Concen: 1.88 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY004493.D
Acq: 19 Apr 2021 13:19

Instrument :
MSVOA_Y
ClientSampleId :
TP-6

Tgt Ion:128 Resp: 4858
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 10.6 8.8 13.2

