

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004491.D
 Acq On : 19 Apr 2021 12:32
 Operator : SY/MD
 Sample : M2050-01RE
 Misc : 5.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7RE

Quant Time: Apr 20 01:46:57 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)

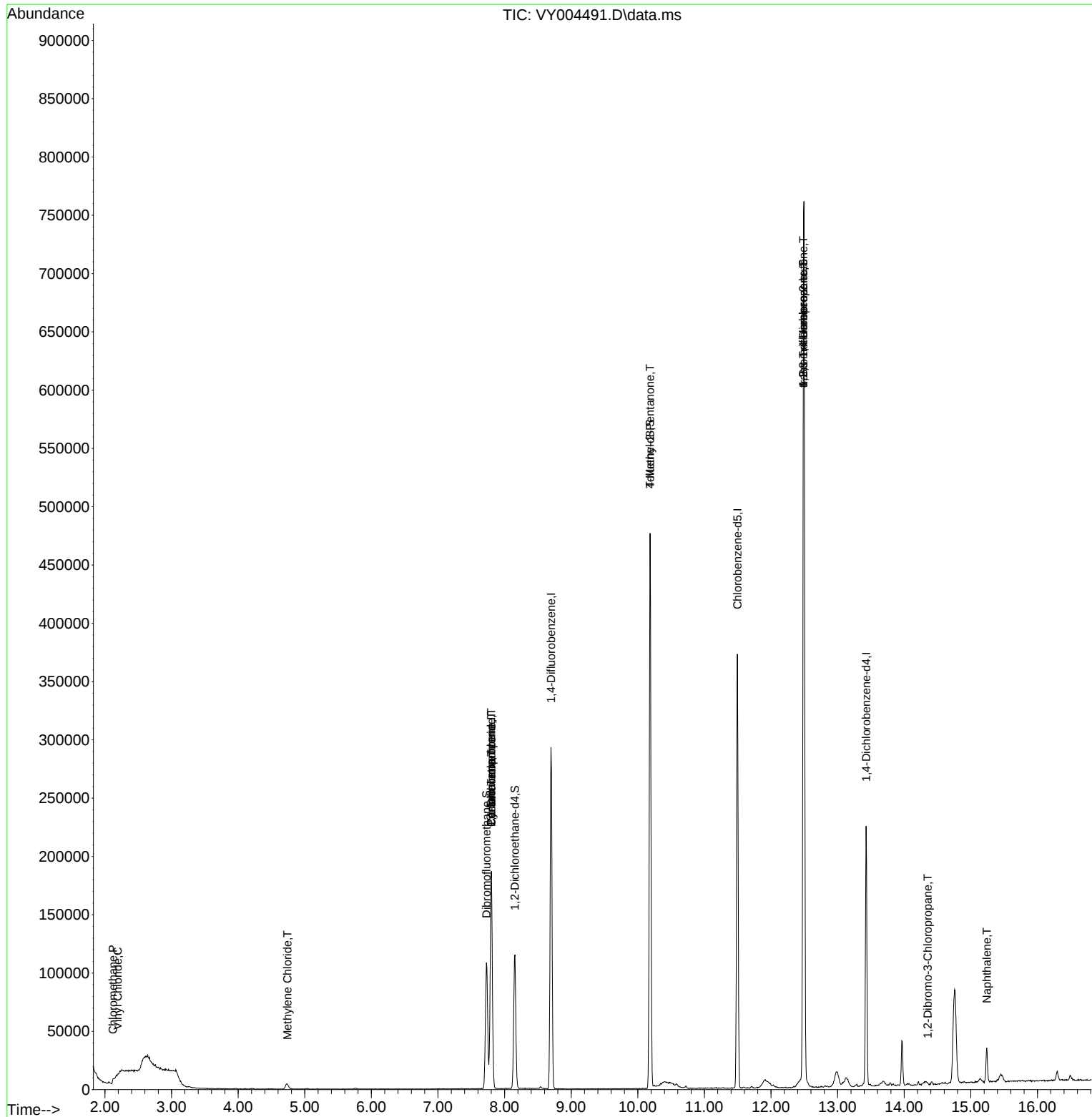
Internal Standards						
1) Pentafluorobenzene	7.801	168	141085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	240766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	188085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	88725	56.60	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.20%			
35) Dibromofluoromethane	7.728	113	74995	56.13	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.26%			
50) Toluene-d8	10.185	98	291859	51.35	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.70%			
62) 4-Bromofluorobenzene	12.483	95	69483	36.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 72.06%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	2480	1.31	ug/l #	87
4) Vinyl Chloride	2.192	62	4723	2.37	ug/l #	43
16) Acetone	3.972	43	808	Below Cal	#	83
20) Methylene Chloride	4.741	84	3294	2.18	ug/l #	83
31) Cyclohexane	7.801	56	3543	1.23	ug/l #	21
36) 1,1-Dichloropropene	7.801	75	11798	4.93	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13946	6.74	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	1683	1.12	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	43074	76.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43074	137.29	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.355	75	403	2.94	ug/l #	2
95) Naphthalene	15.239	128	22678	10.51	ug/l	99

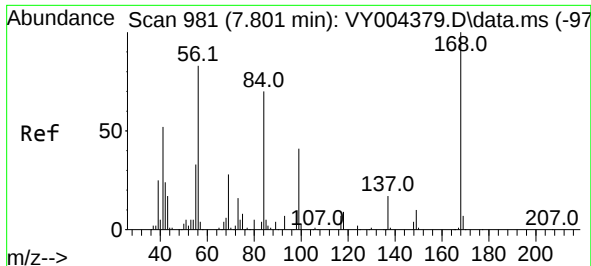
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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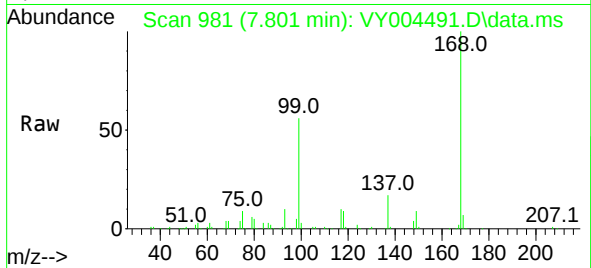
Quant Time: Apr 20 01:46:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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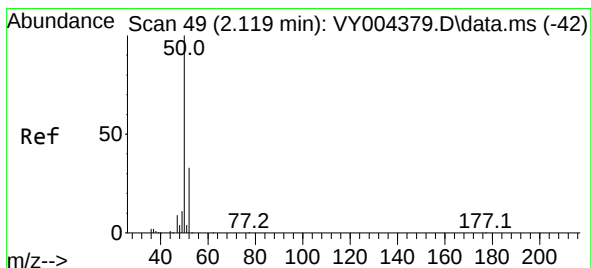
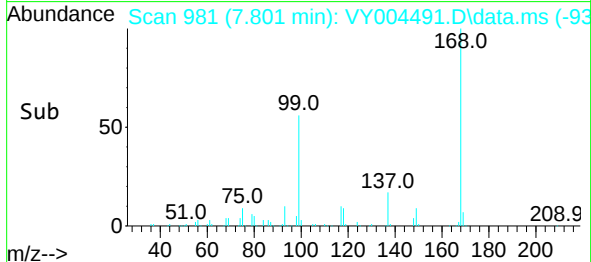
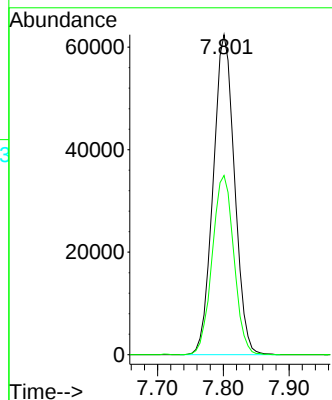


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-7RE

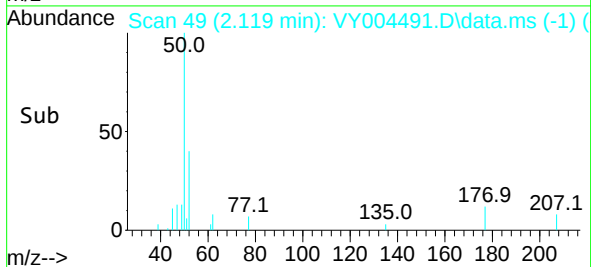
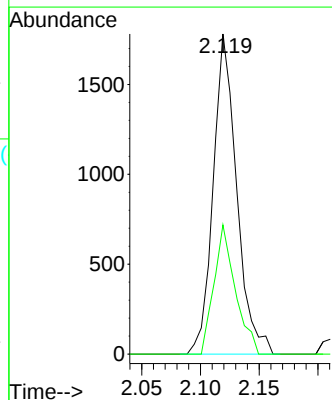
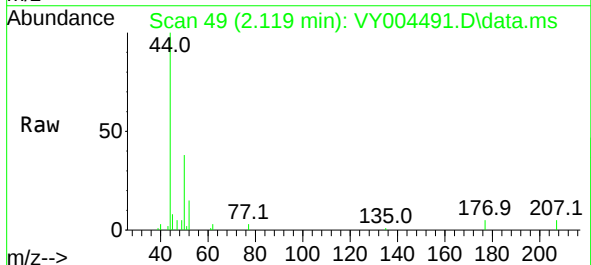


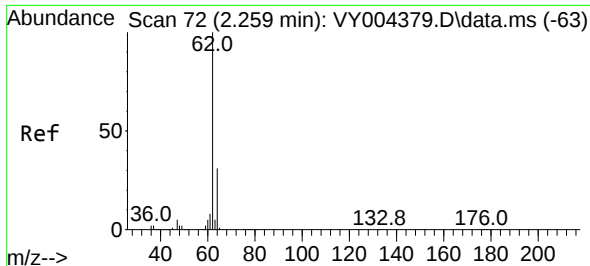
Tgt Ion:168 Resp: 141085
Ion Ratio Lower Upper
168 100
99 56.0 45.5 68.3



#3
Chloromethane
Concen: 1.31 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

Tgt Ion: 50 Resp: 2480
Ion Ratio Lower Upper
50 100
52 40.4 26.6 39.8#

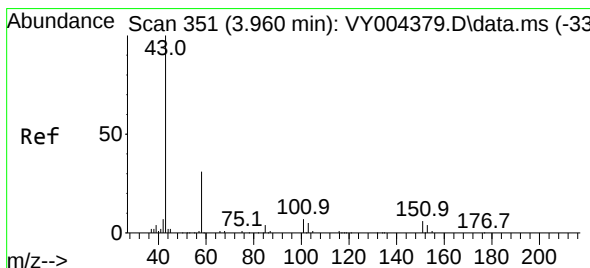
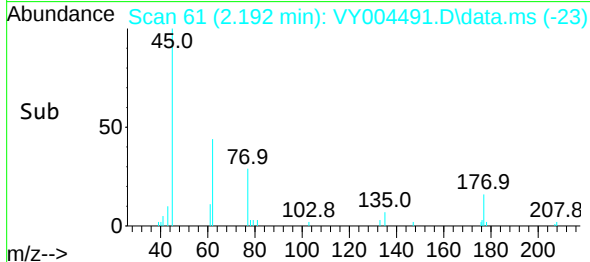
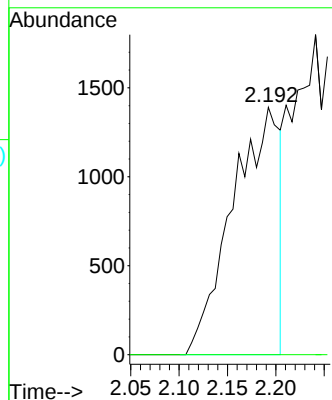
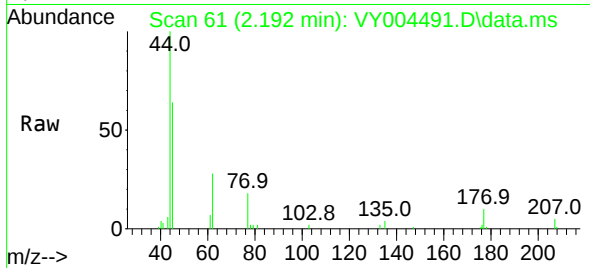




#4
 Vinyl Chloride
 Concen: 2.37 ug/l
 RT: 2.192 min Scan# 61
 Delta R.T. -0.067 min
 Lab File: VY004491.D
 Acq: 19 Apr 2021 12:32

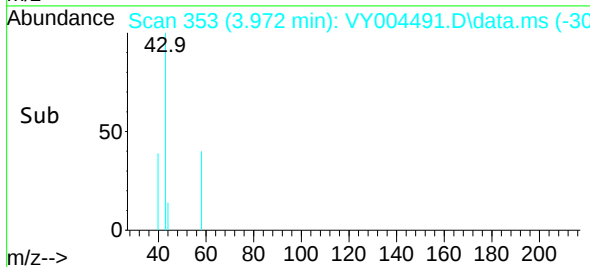
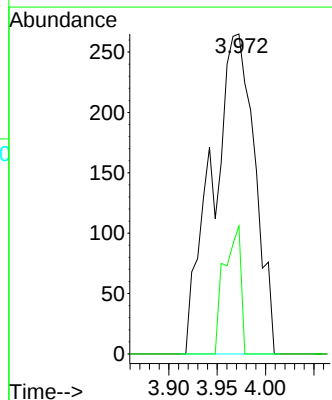
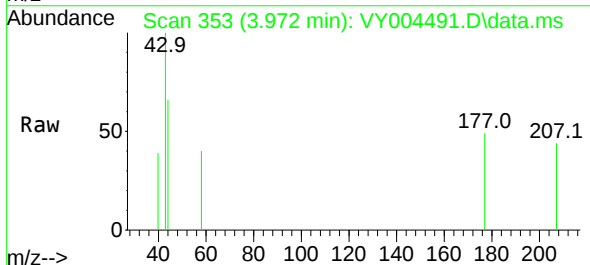
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7RE

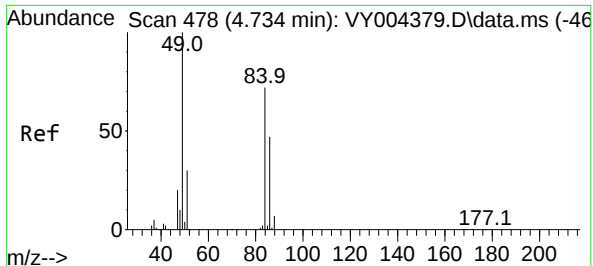
Tgt Ion: 62 Resp: 4723
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.1 37.7#



#16
 Acetone
 Concen: Below Cal
 RT: 3.972 min Scan# 353
 Delta R.T. 0.012 min
 Lab File: VY004491.D
 Acq: 19 Apr 2021 12:32

Tgt Ion: 43 Resp: 808
 Ion Ratio Lower Upper
 43 100
 58 40.0 24.6 37.0#





#20

Methylene Chloride

Concen: 2.18 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY004491.D

Acq: 19 Apr 2021 12:32

Tgt Ion: 84 Resp: 3294

Ion Ratio Lower Upper

84 100

49 119.0 111.2 166.8

51 33.1 33.4 50.2#

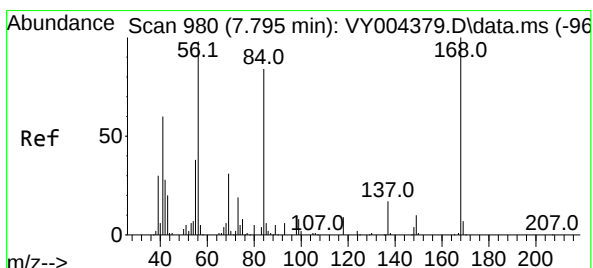
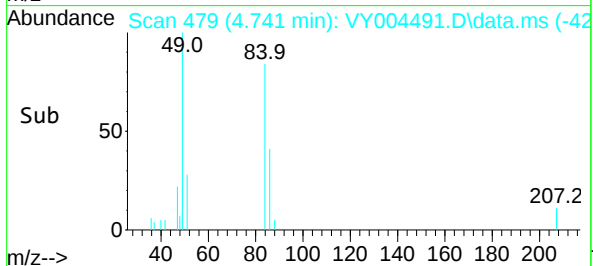
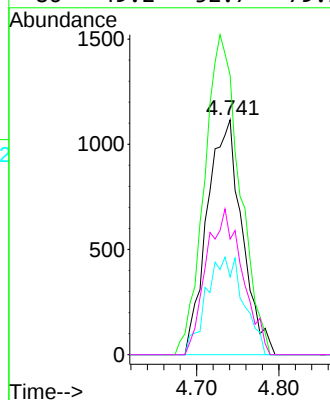
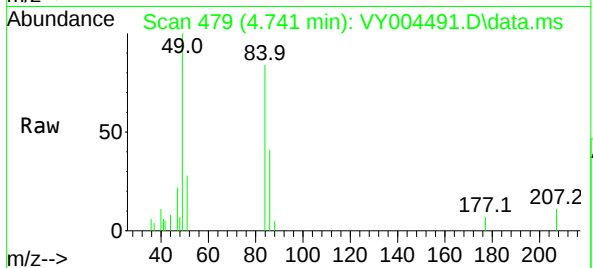
86 49.2 52.7 79.1#

Instrument :

MSVOA_Y

ClientSampleId :

TP-7RE



#31

Cyclohexane

Concen: 1.23 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.006 min

Lab File: VY004491.D

Acq: 19 Apr 2021 12:32

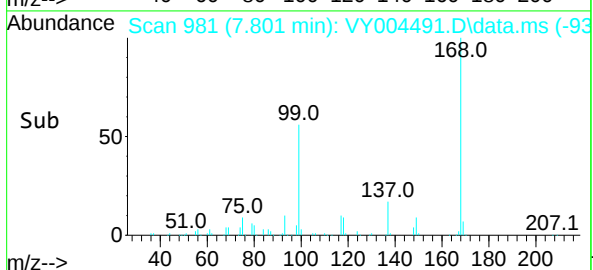
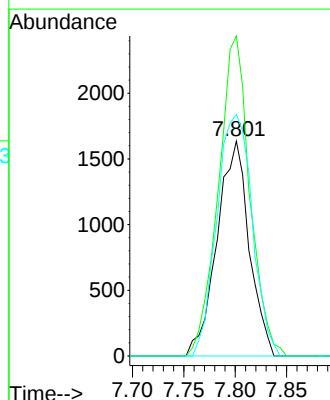
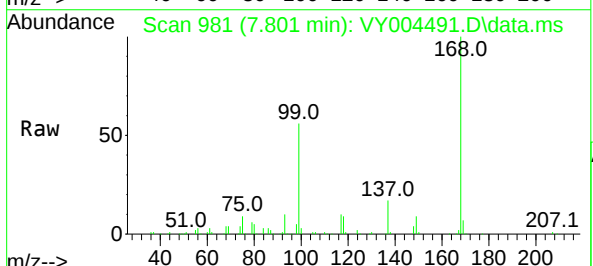
Tgt Ion: 56 Resp: 3543

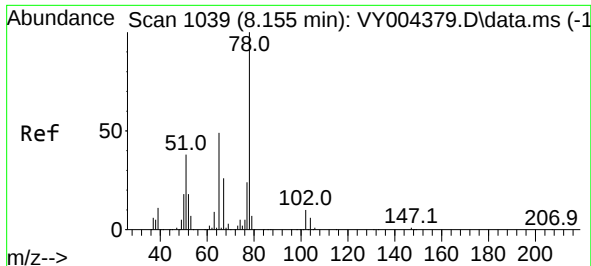
Ion Ratio Lower Upper

56 100

69 148.9 25.8 38.6#

84 112.3 68.2 102.4#

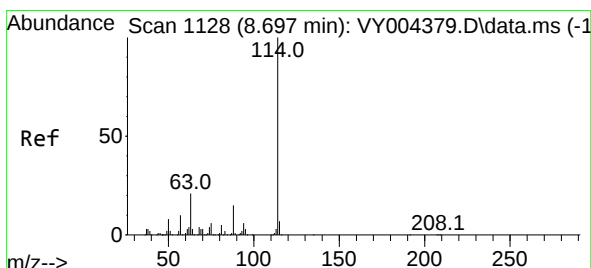
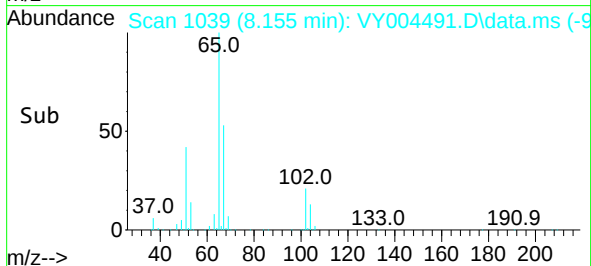
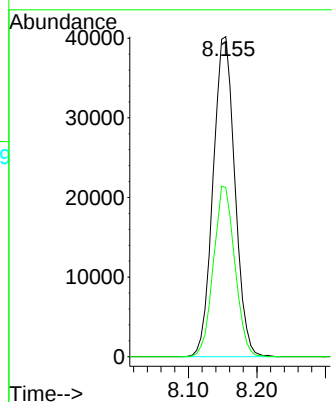
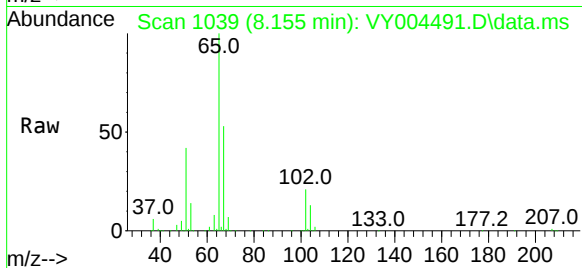




#33
1,2-Dichloroethane-d4
Concen: 56.60 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

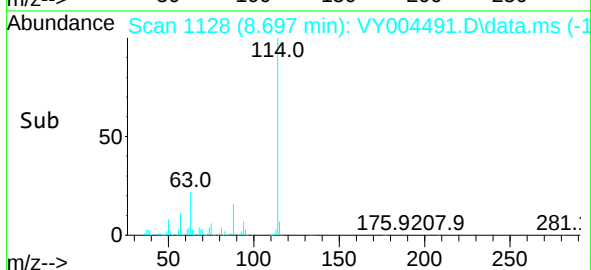
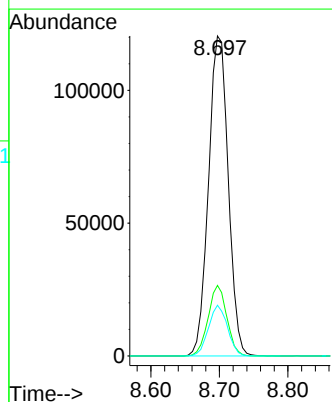
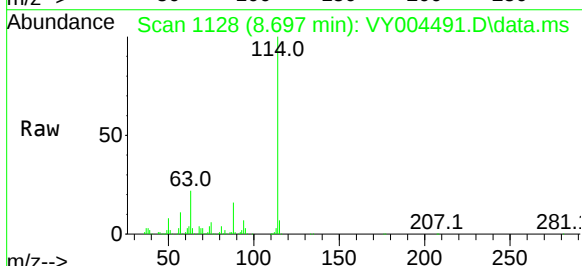
Instrument :
MSVOA_Y
ClientSampleId :
TP-7RE

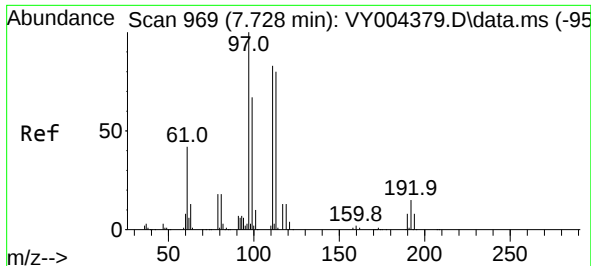
Tgt Ion: 65 Resp: 88725
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

Tgt Ion: 114 Resp: 240766
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 56.13 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004491.D

Acq: 19 Apr 2021 12:32

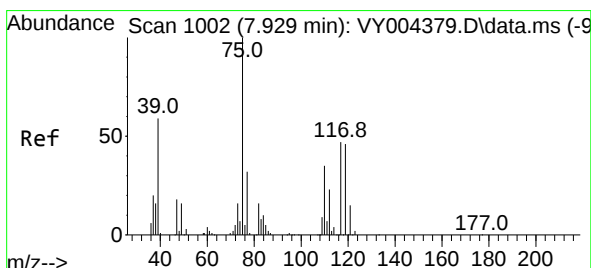
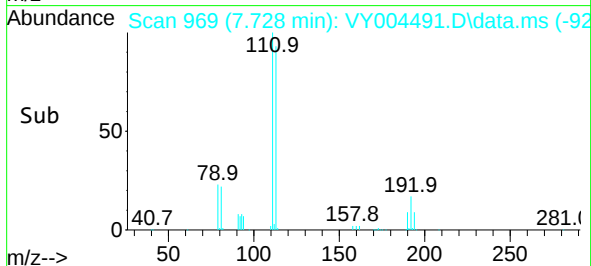
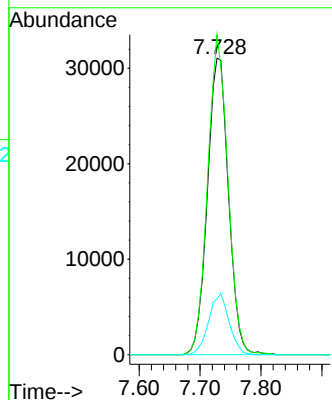
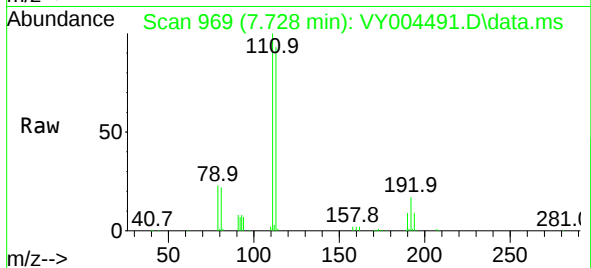
Tgt Ion:113 Resp: 74995

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 19.9 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.93 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY004491.D

Acq: 19 Apr 2021 12:32

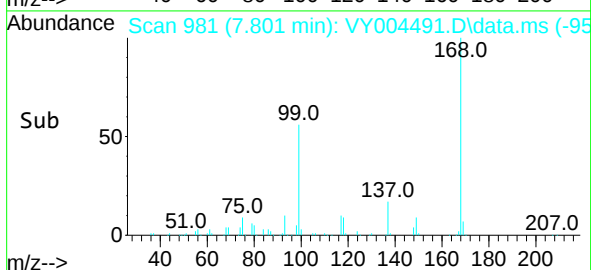
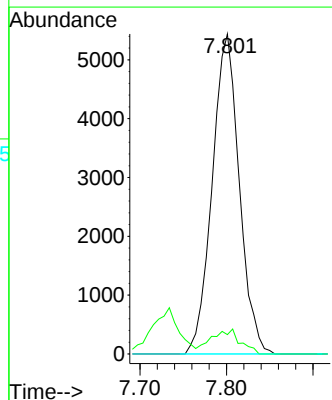
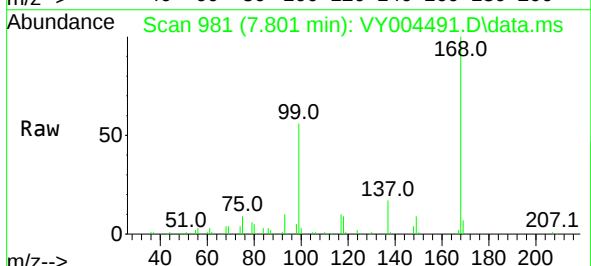
Tgt Ion: 75 Resp: 11798

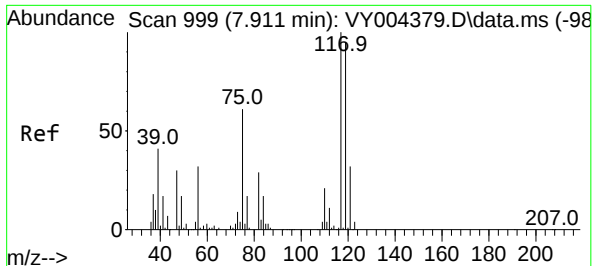
Ion Ratio Lower Upper

75 100

110 8.3 17.3 51.7#

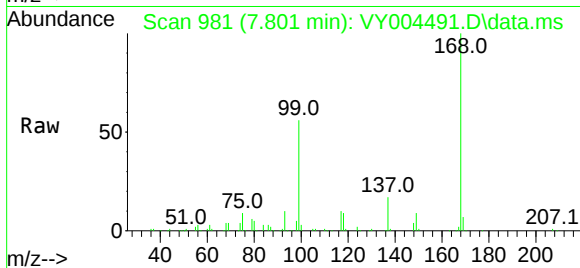
77 0.0 24.3 36.5#



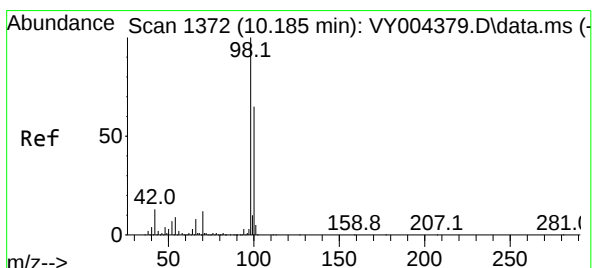
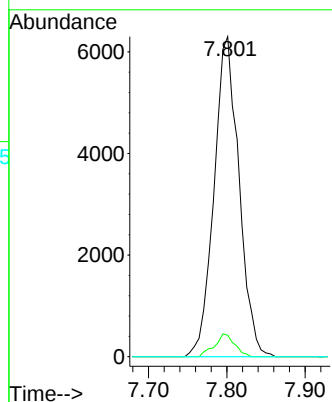
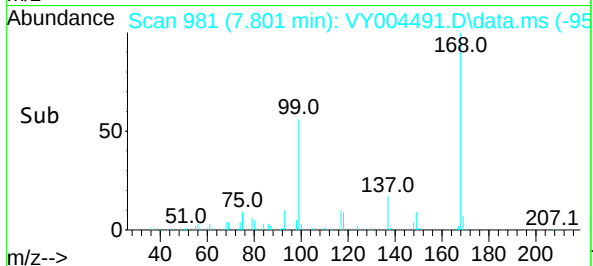


#38
Carbon Tetrachloride
Concen: 6.74 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

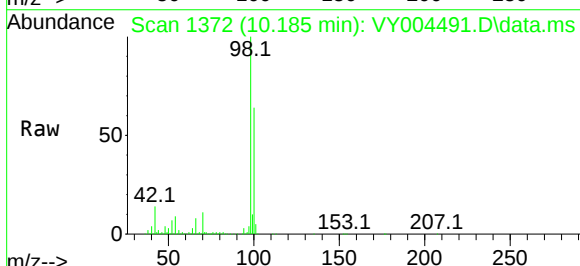
Instrument :
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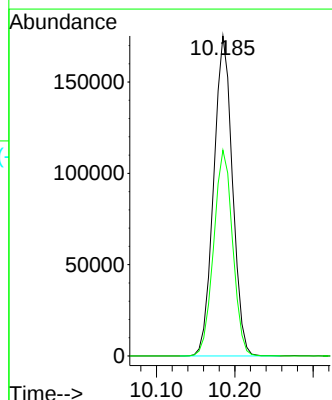
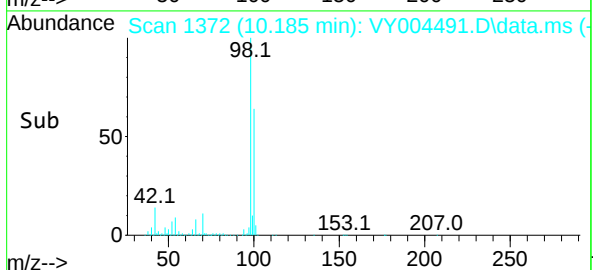
Tgt Ion:117 Resp: 13946
Ion Ratio Lower Upper
117 100
119 6.7 75.8 113.8#
121 0.0 25.3 37.9#

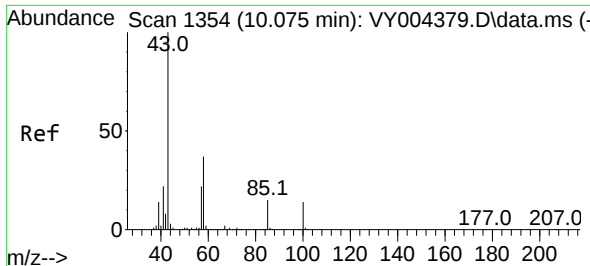


#50
Toluene-d8
Concen: 51.35 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32



Tgt Ion: 98 Resp: 291859
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

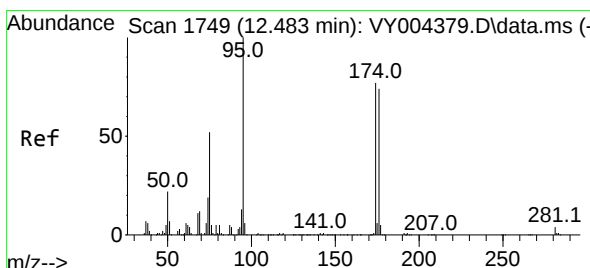
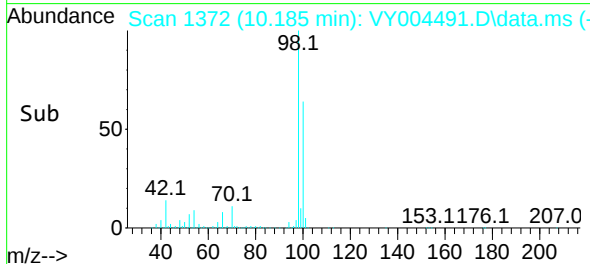
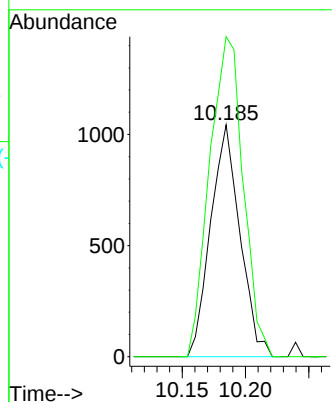
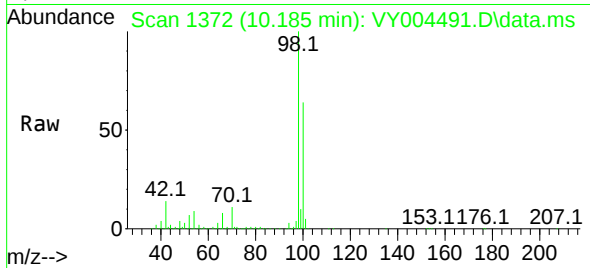




#51
4-Methyl-2-Pentanone
Concen: 1.12 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

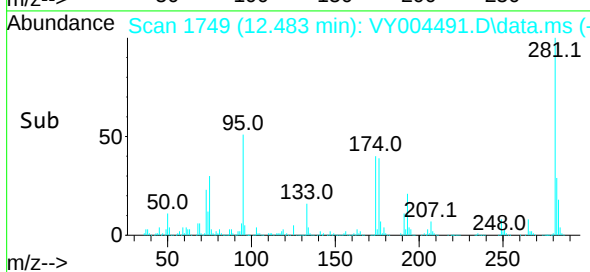
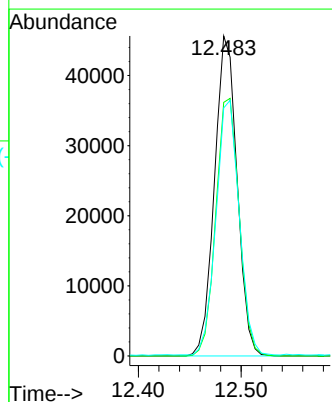
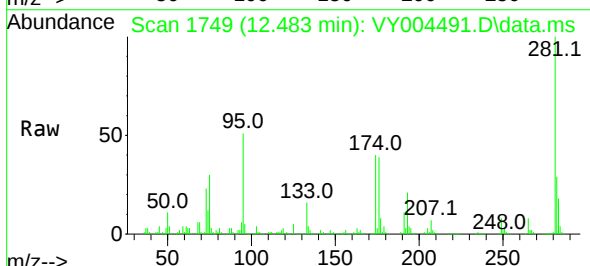
Instrument :
MSVOA_Y
ClientSampleId :
TP-7RE

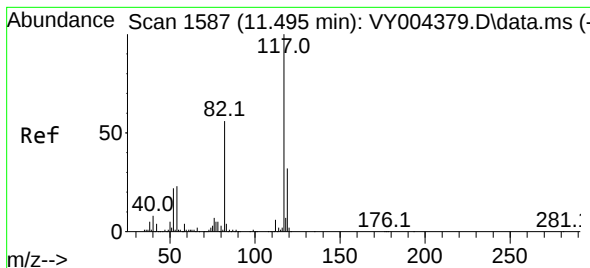
Tgt Ion: 43 Resp: 1683
Ion Ratio Lower Upper
43 100
58 158.3 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 36.03 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

Tgt Ion: 95 Resp: 69483
Ion Ratio Lower Upper
95 100
174 83.0 0.0 162.4
176 81.6 0.0 156.0

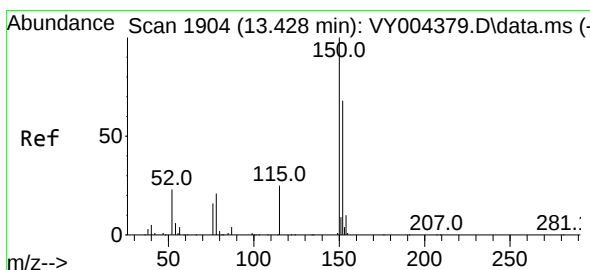
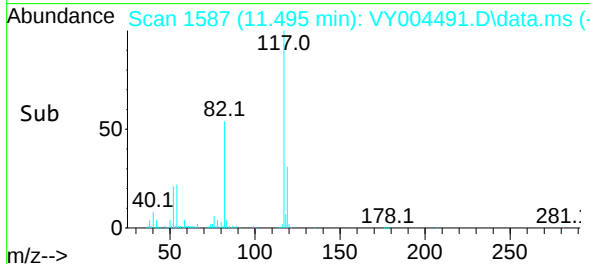
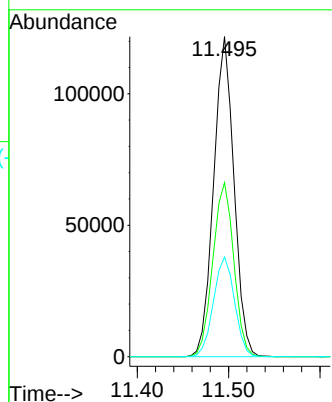
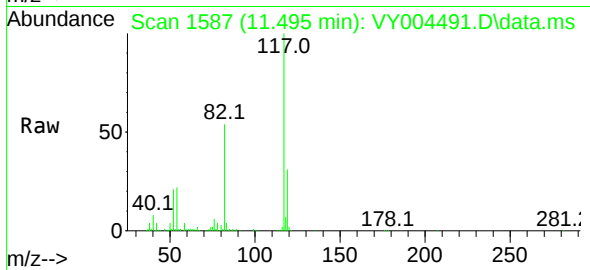




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

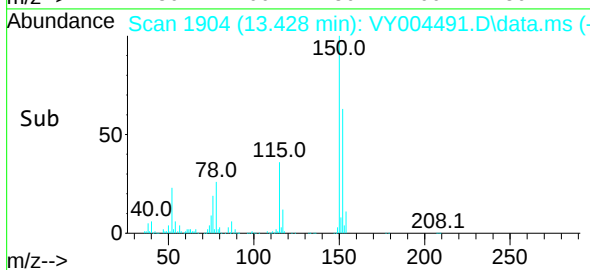
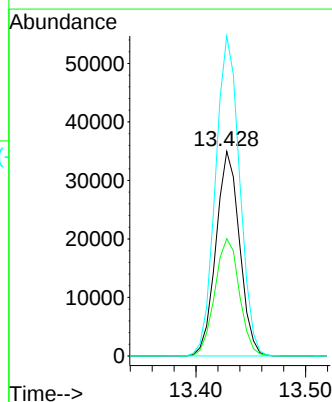
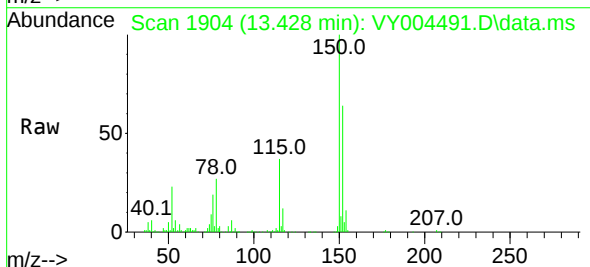
Instrument :
MSVOA_Y
ClientSampleId :
TP-7RE

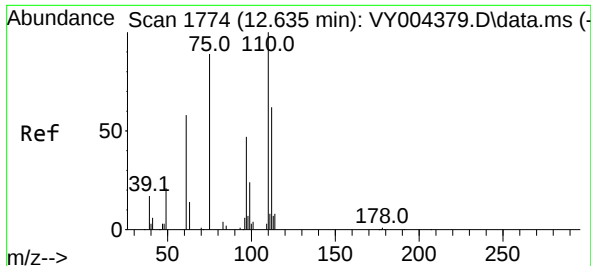
Tgt Ion:117 Resp: 188085
Ion Ratio Lower Upper
117 100
82 54.4 44.9 67.3
119 31.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

Tgt Ion:152 Resp: 52293
Ion Ratio Lower Upper
152 100
115 59.7 29.6 88.8
150 160.1 0.0 348.4

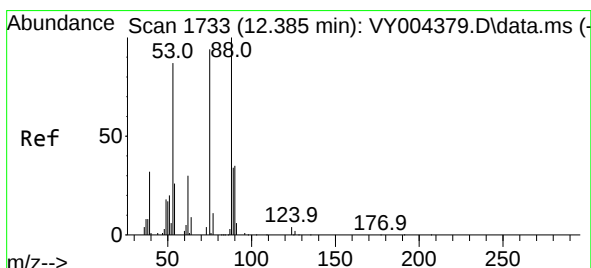
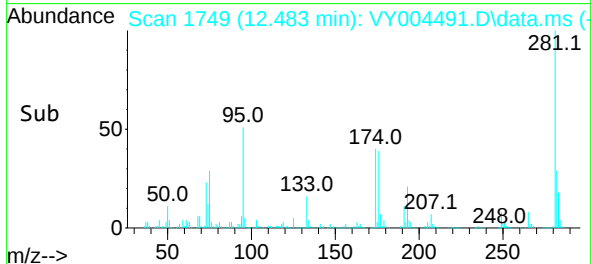
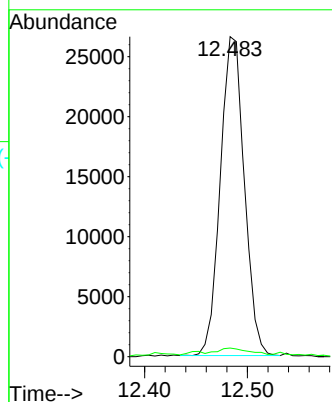
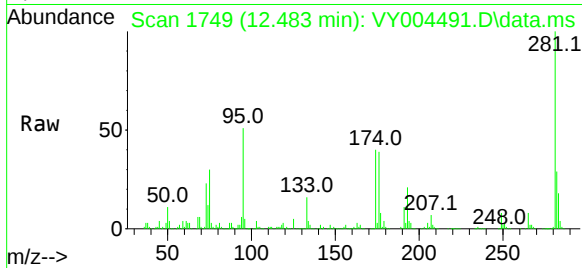




#76
1,2,3-Trichloropropane
Concen: 76.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

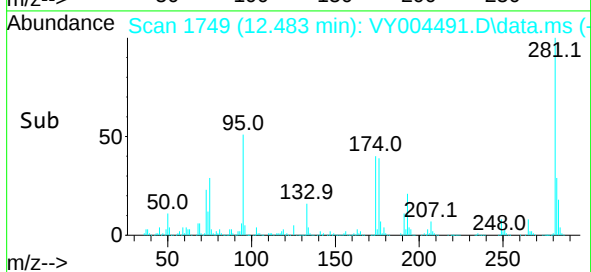
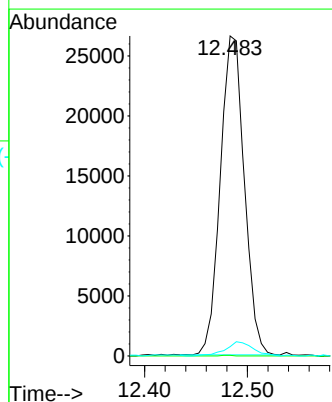
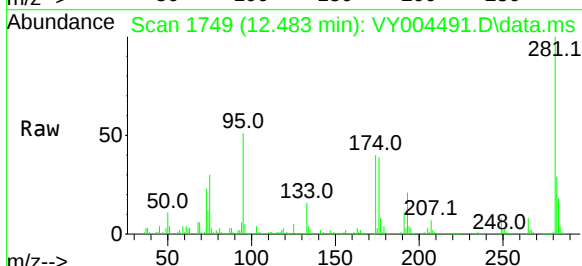
Instrument :
MSVOA_Y
ClientSampled :
TP-7RE

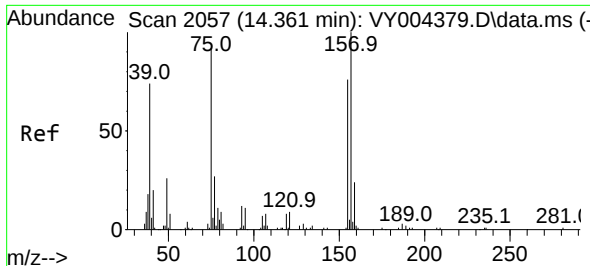
Tgt Ion: 75 Resp: 43074
Ion Ratio Lower Upper
75 100
77 2.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.29 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

Tgt Ion: 75 Resp: 43074
Ion Ratio Lower Upper
75 100
53 0.1 75.0 112.6#
89 5.1 36.1 54.1#

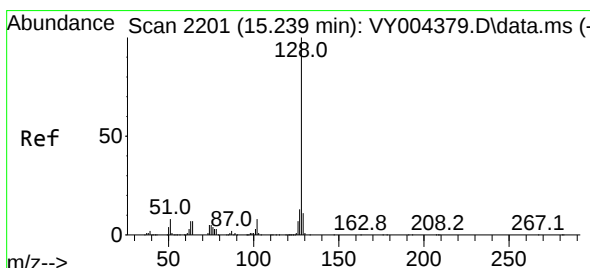
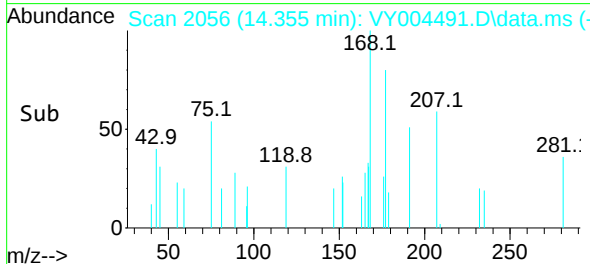
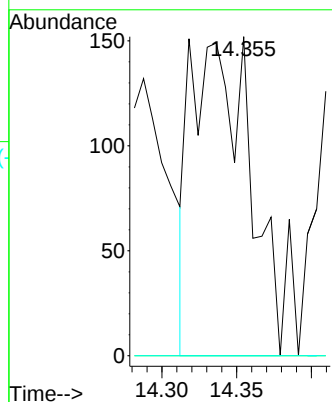
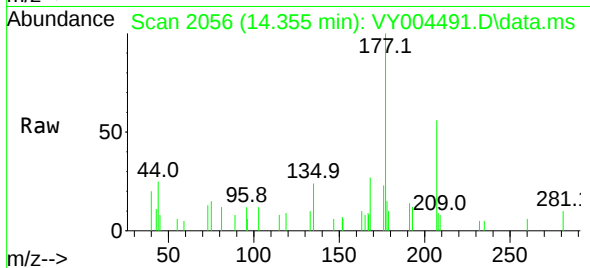




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.94 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

Instrument :
MSVOA_Y
ClientSampleId :
TP-7RE

Tgt Ion: 75 Resp: 403
Ion Ratio Lower Upper
75 100
155 0.0 40.6 121.8#
157 0.0 53.0 159.0#



#95
Naphthalene
Concen: 10.51 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004491.D
Acq: 19 Apr 2021 12:32

Tgt Ion: 128 Resp: 22678
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 11.9 8.8 13.2

