

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004492.D
 Acq On : 19 Apr 2021 12:55
 Operator : SY/MD
 Sample : M2050-09RE
 Misc : 4.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE

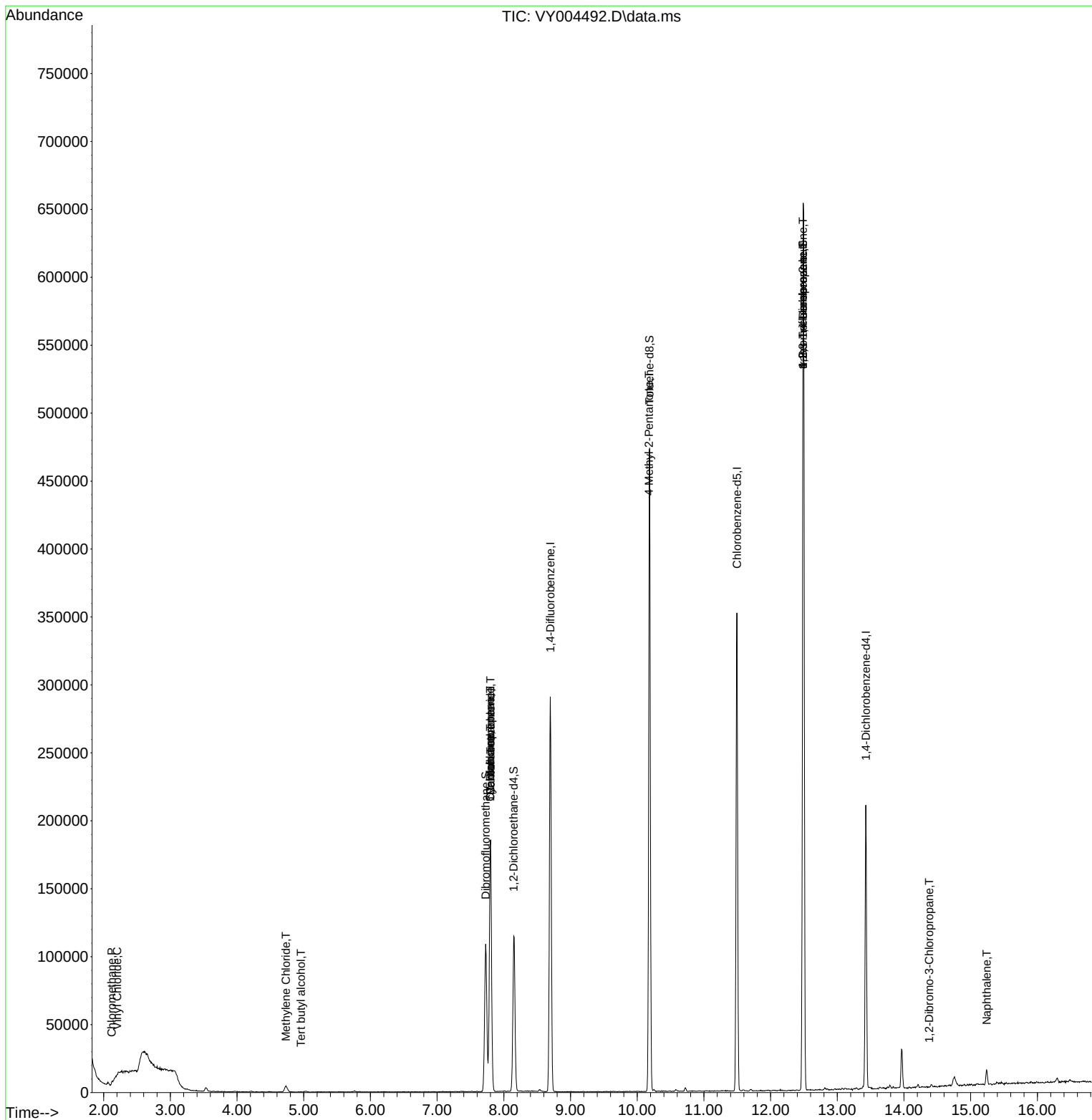
Quant Time: Apr 20 01:47:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

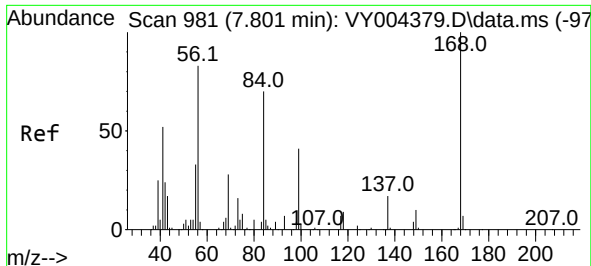
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	140877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	180709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	49460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87677	56.02	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.04%
35) Dibromofluoromethane	7.728	113	74334	56.81	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.62%
50) Toluene-d8	10.185	98	286438	51.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.94%
62) 4-Bromofluorobenzene	12.483	95	64236	34.01	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.02%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	1931	1.02	ug/l	91
4) Vinyl Chloride	2.204	62	4969	2.49	ug/l #	43
11) Tert butyl alcohol	4.960	59	214	1.39	ug/l #	73
16) Acetone	3.966	43	928	Below	Cal #	44
20) Methylene Chloride	4.735	84	3054	2.02	ug/l #	83
31) Cyclohexane	7.795	56	3433	1.20	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11864	5.06	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13884	6.86	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	1570	1.07	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	40664	76.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40664	137.03	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.379	75	147	1.13	ug/l #	2
95) Naphthalene	15.239	128	8300	4.07	ug/l	97

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

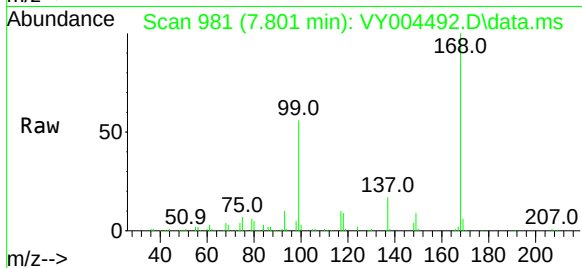
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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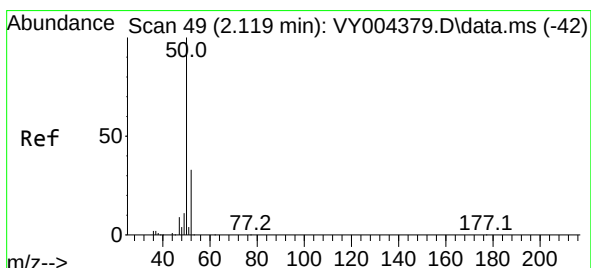
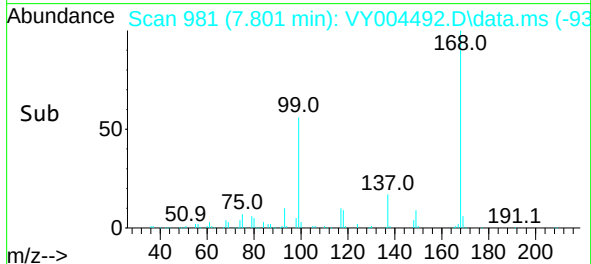
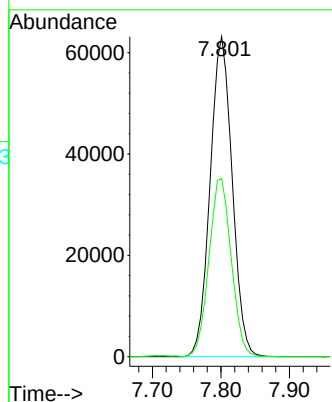


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

Instrument :
MSVOA_Y
ClientSampled :
TP-4RE

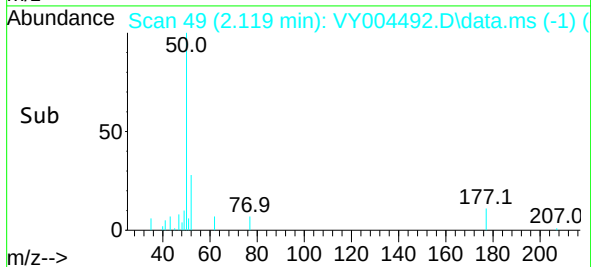
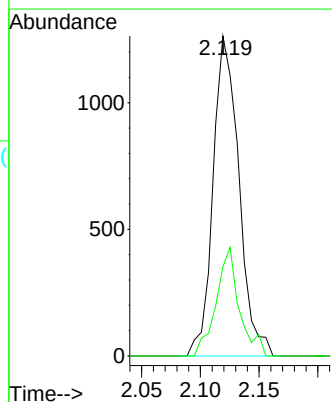
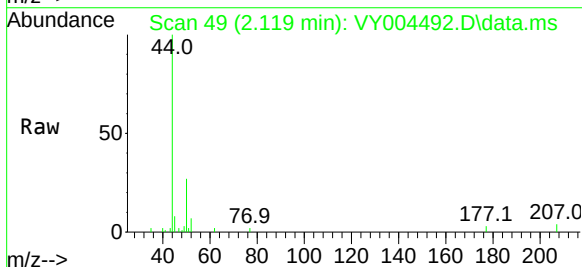


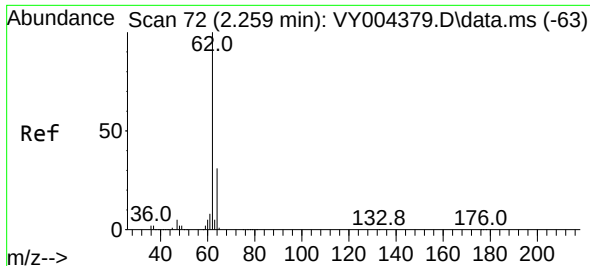
Tgt Ion:168 Resp: 140877
Ion Ratio Lower Upper
168 100
99 55.6 45.5 68.3



#3
Chloromethane
Concen: 1.02 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

Tgt Ion: 50 Resp: 1931
Ion Ratio Lower Upper
50 100
52 27.8 26.6 39.8

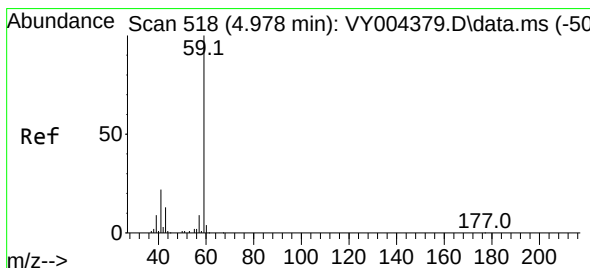
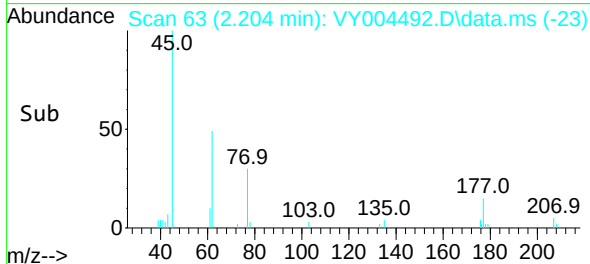
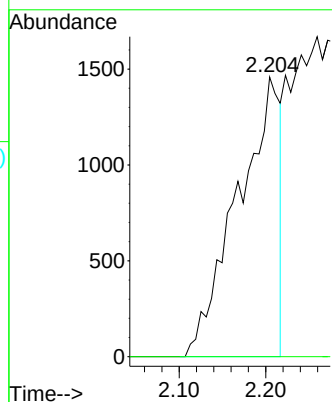
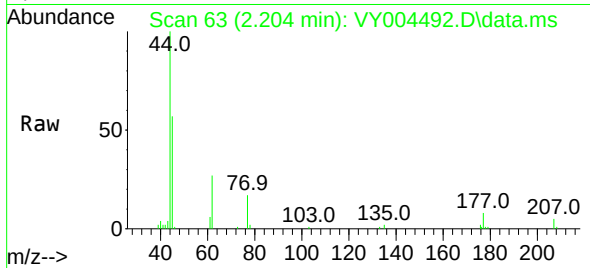




#4
 Vinyl Chloride
 Concen: 2.49 ug/l
 RT: 2.204 min Scan# 63
 Delta R.T. -0.055 min
 Lab File: VY004492.D
 Acq: 19 Apr 2021 12:55

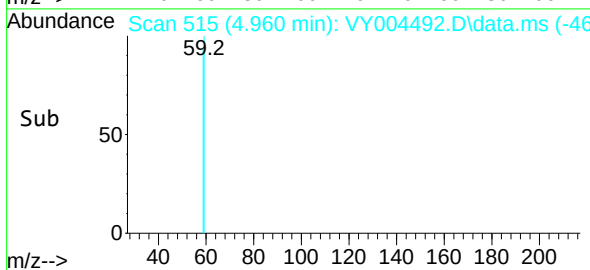
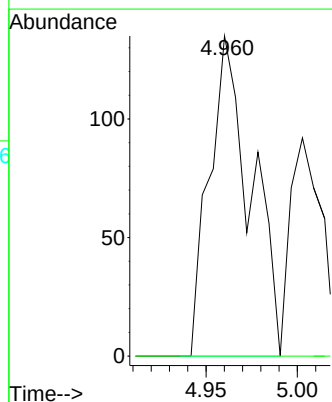
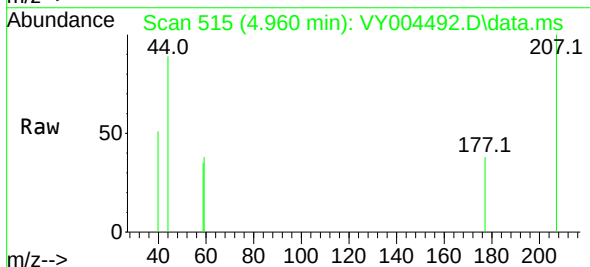
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-4RE

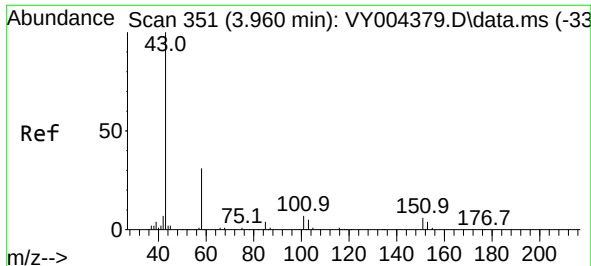
Tgt Ion: 62 Resp: 4969
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.1 37.7#



#11
 Tert butyl alcohol
 Concen: 1.39 ug/l
 RT: 4.960 min Scan# 515
 Delta R.T. -0.018 min
 Lab File: VY004492.D
 Acq: 19 Apr 2021 12:55

Tgt Ion: 59 Resp: 214
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

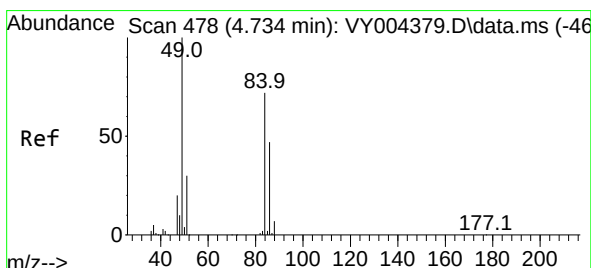
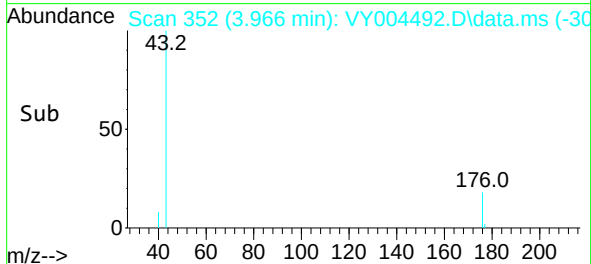
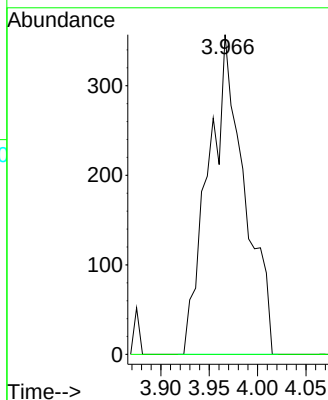
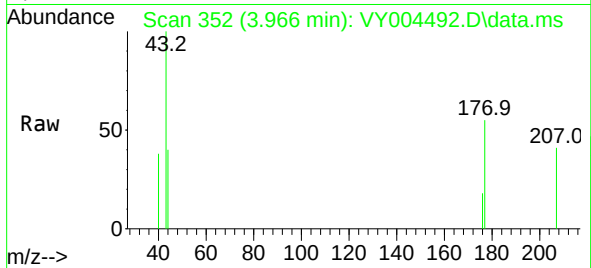




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

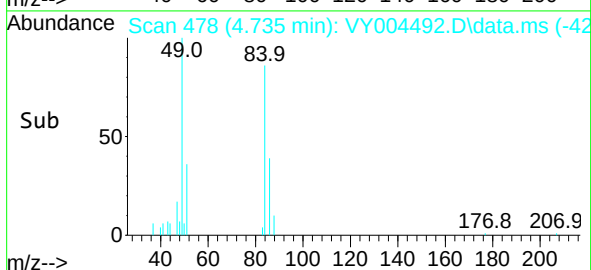
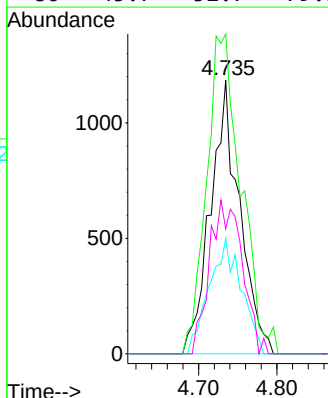
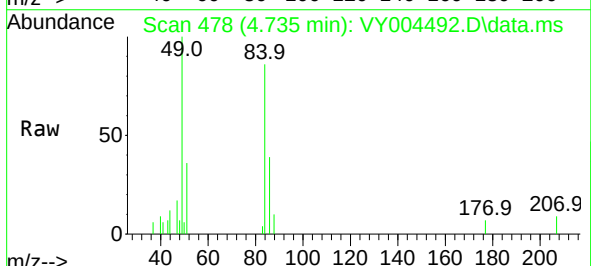
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

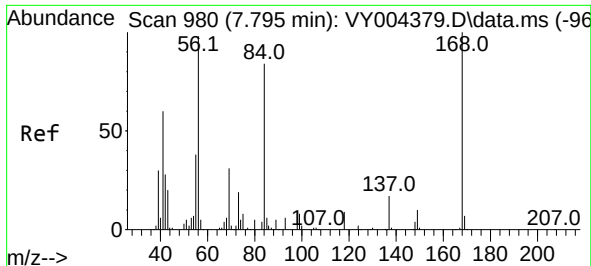
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#



#20
Methylene Chloride
Concen: 2.02 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

Tgt Ion: 84 Resp: 3054
Ion Ratio Lower Upper
84 100
49 116.9 111.2 166.8
51 42.2 33.4 50.2
86 45.7 52.7 79.1#

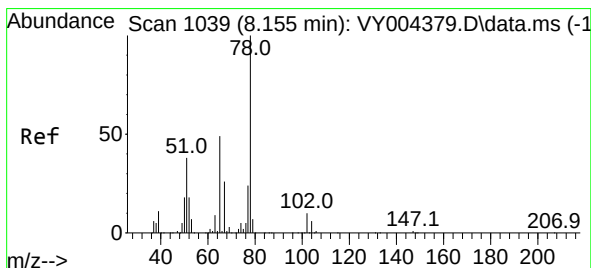
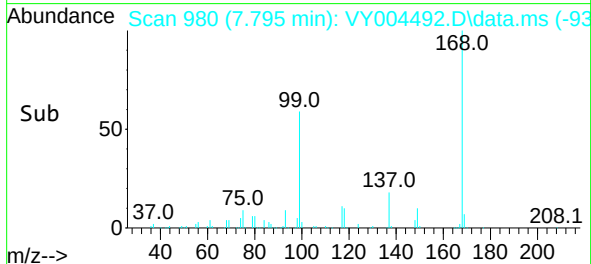
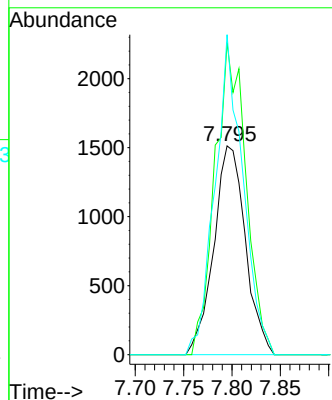
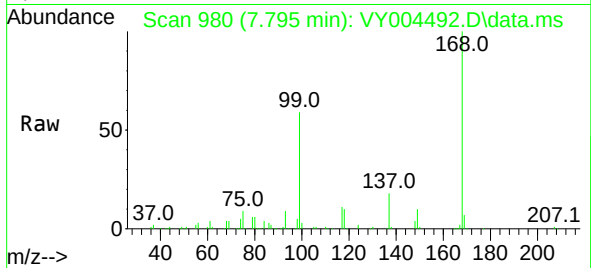




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

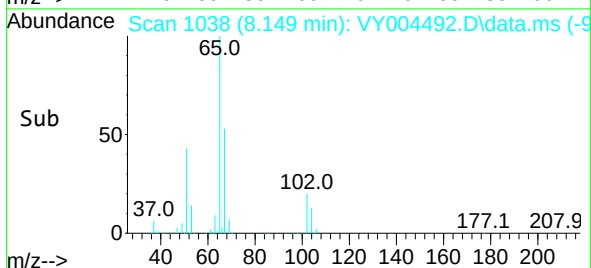
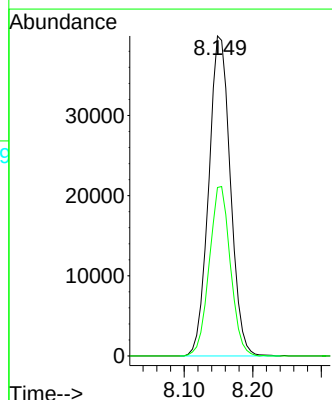
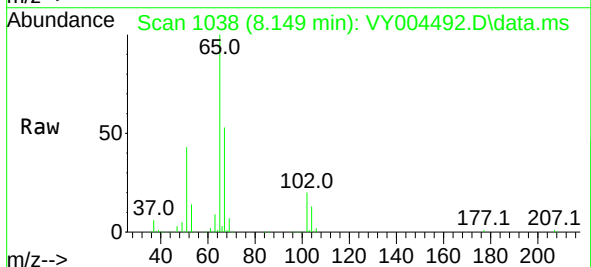
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

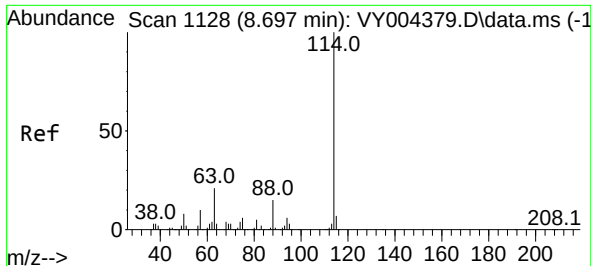
Tgt Ion: 56 Resp: 3433
Ion Ratio Lower Upper
56 100
69 149.5 25.8 38.6#
84 153.3 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 56.02 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

Tgt Ion: 65 Resp: 87677
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.4

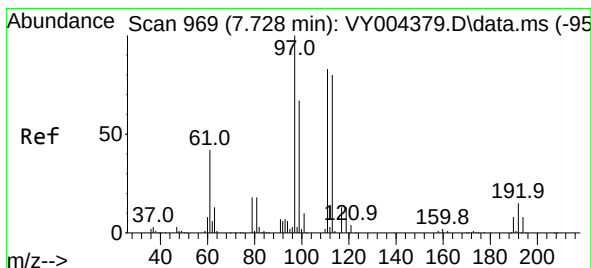
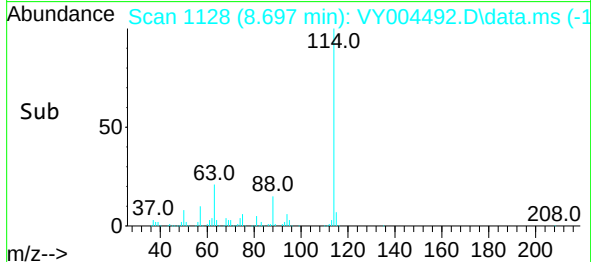
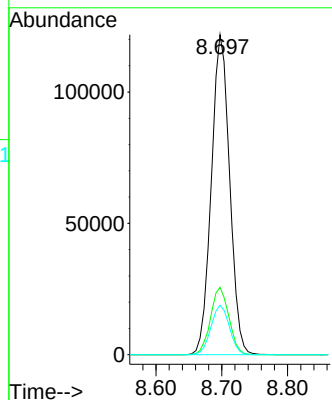
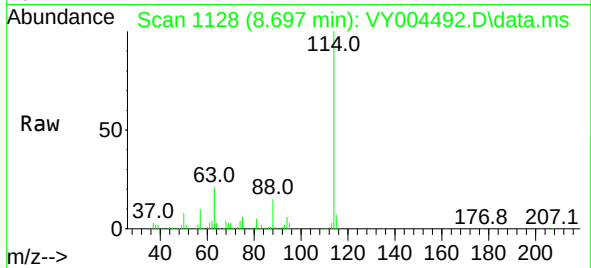




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

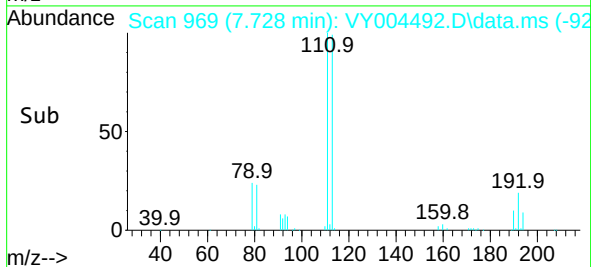
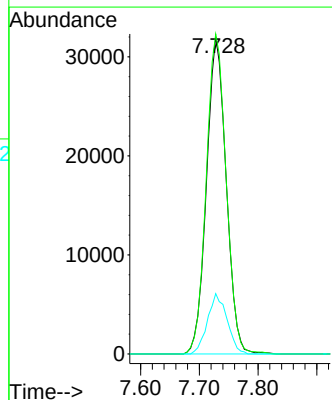
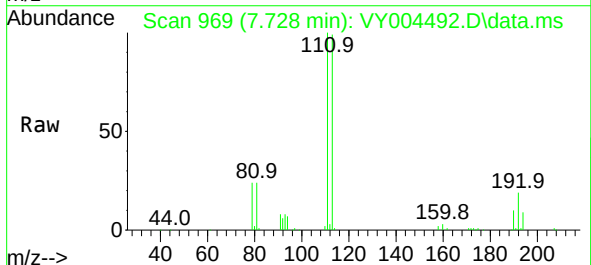
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

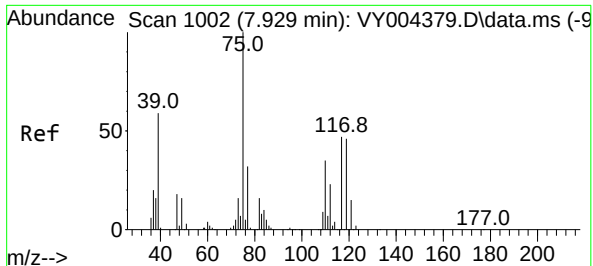
Tgt Ion:114 Resp: 235765
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.81 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

Tgt Ion:113 Resp: 74334
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 19.0 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.06 ug/l

RT: 7.795 min Scan# 980

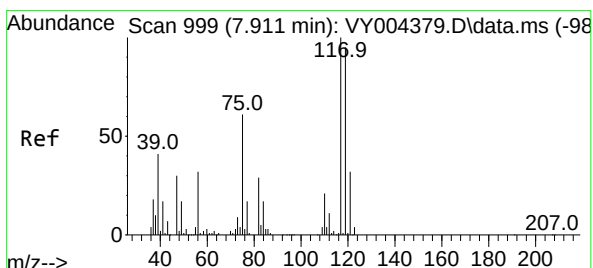
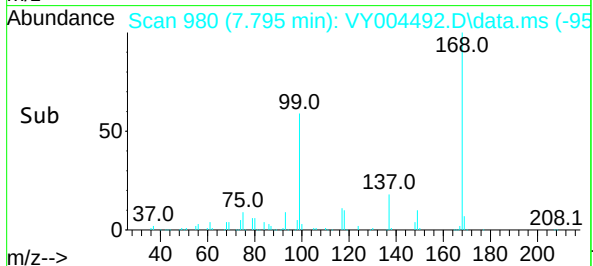
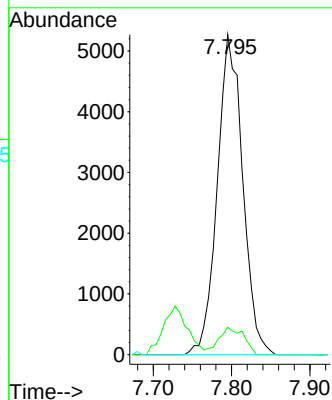
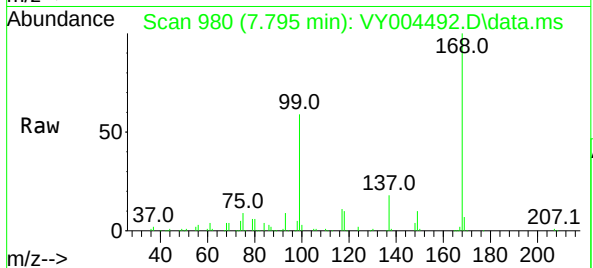
Delta R.T. -0.134 min

Lab File: VY004492.D

Acq: 19 Apr 2021 12:55

Tgt Ion:	75	Resp:	11864
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampled :
TP-4RE



#38

Carbon Tetrachloride

Concen: 6.86 ug/l

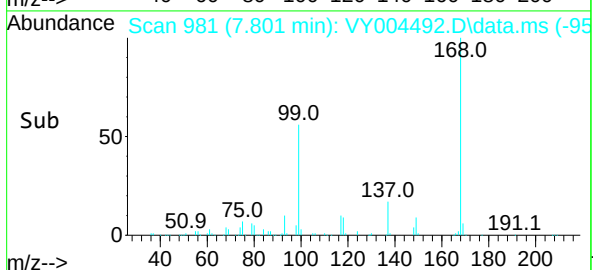
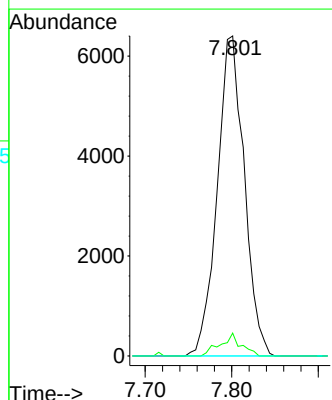
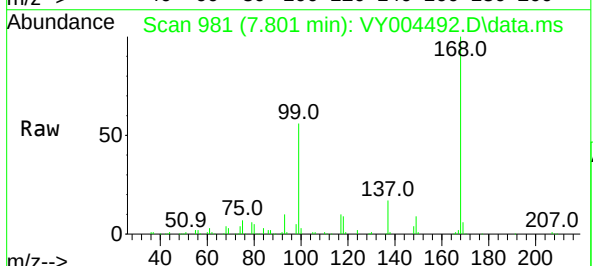
RT: 7.801 min Scan# 981

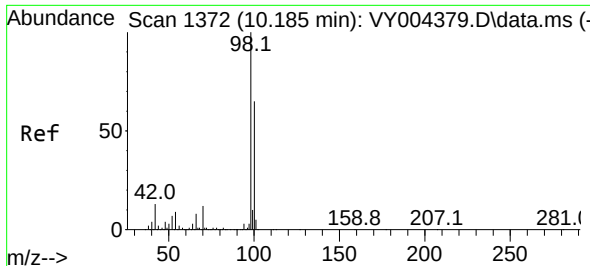
Delta R.T. -0.110 min

Lab File: VY004492.D

Acq: 19 Apr 2021 12:55

Tgt Ion:	117	Resp:	13884
Ion	Ratio	Lower	Upper
117	100		
119	7.2	75.8	113.8#
121	0.0	25.3	37.9#

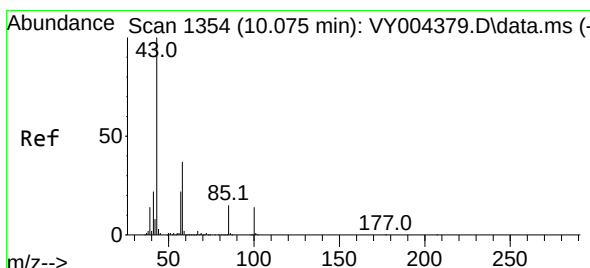
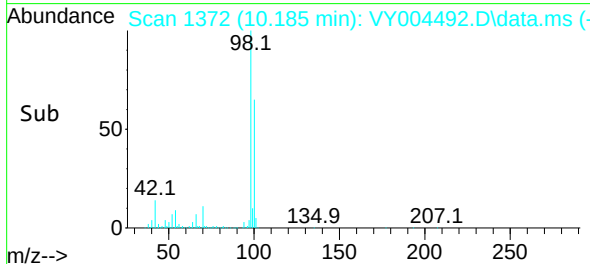
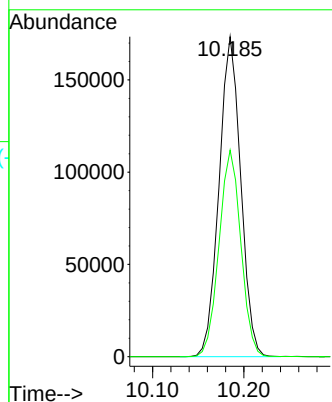
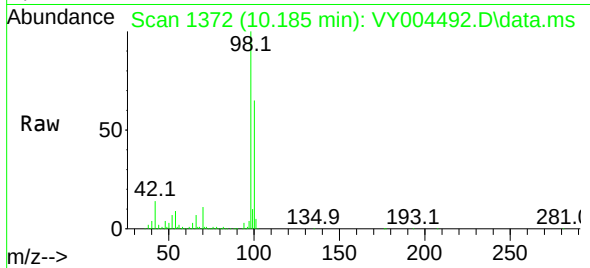




#50
Toluene-d8
Concen: 51.47 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

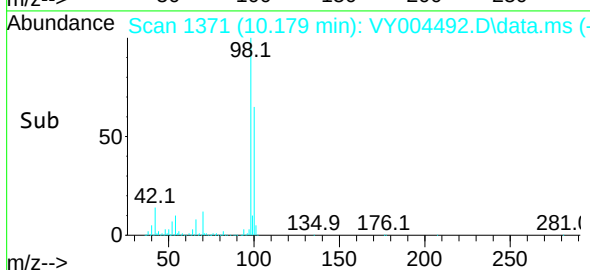
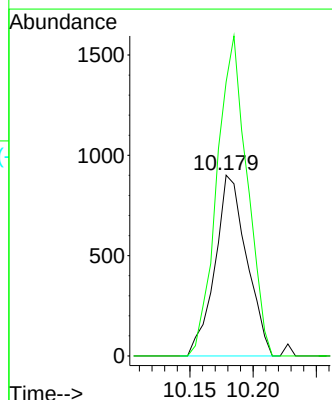
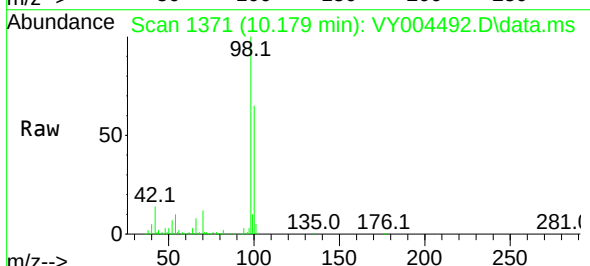
Instrument :
MSVOA_Y
ClientSampled :
TP-4RE

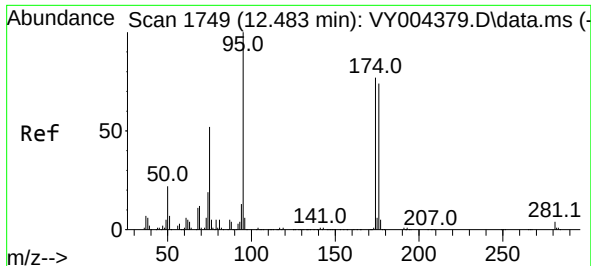
Tgt Ion: 98 Resp: 286438
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.07 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

Tgt Ion: 43 Resp: 1570
Ion Ratio Lower Upper
43 100
58 169.0 29.2 43.8#

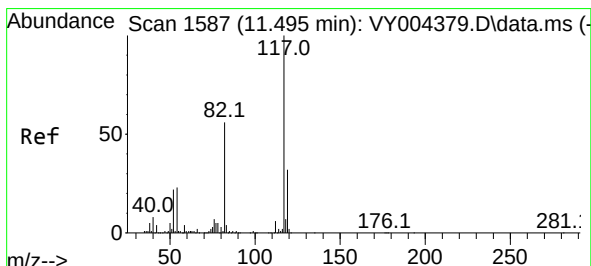
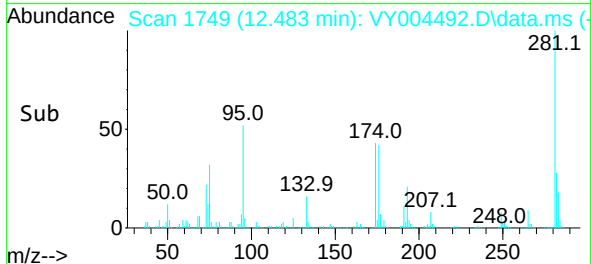
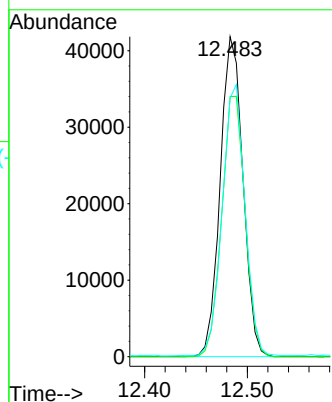
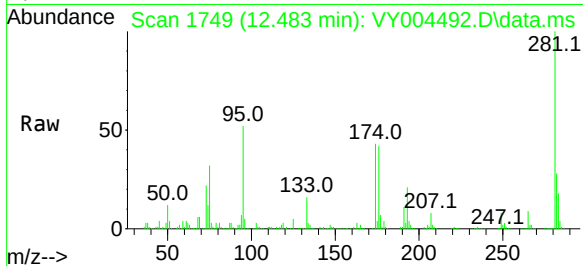




#62
4-Bromofluorobenzene
Concen: 34.01 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

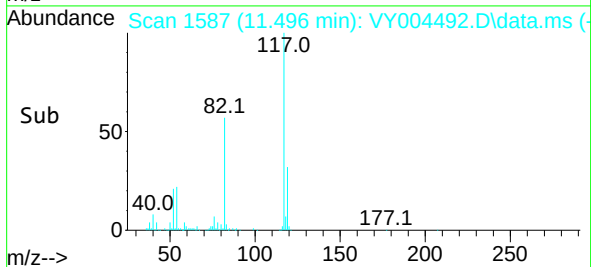
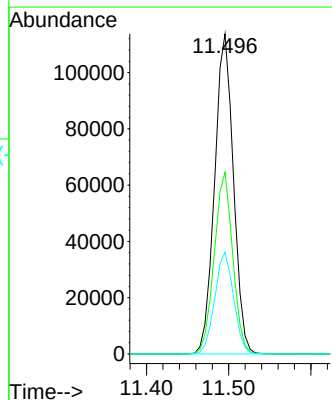
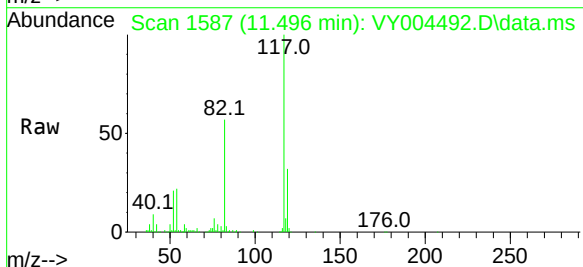
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

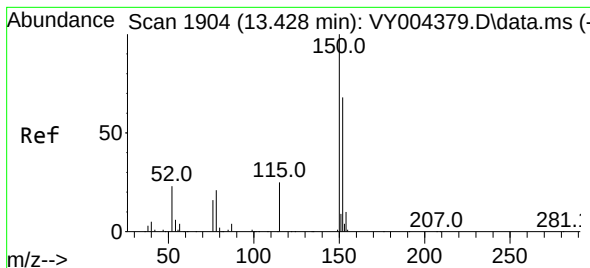
Tgt Ion: 95 Resp: 64236
Ion Ratio Lower Upper
95 100
174 83.5 0.0 162.4
176 84.6 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

Tgt Ion: 117 Resp: 180709
Ion Ratio Lower Upper
117 100
82 56.8 44.9 67.3
119 31.8 25.4 38.0

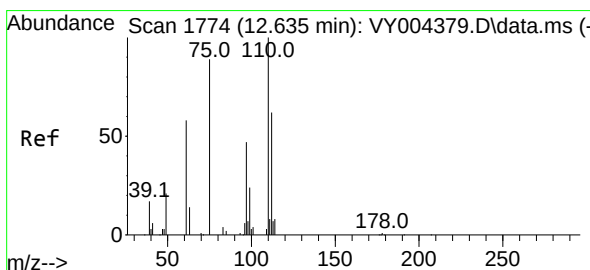
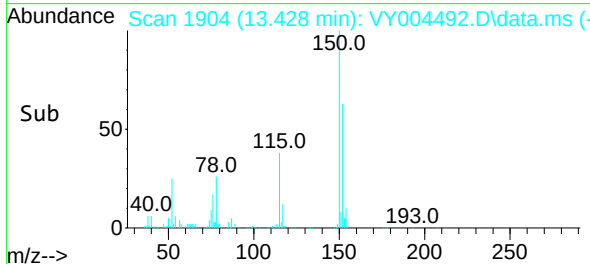
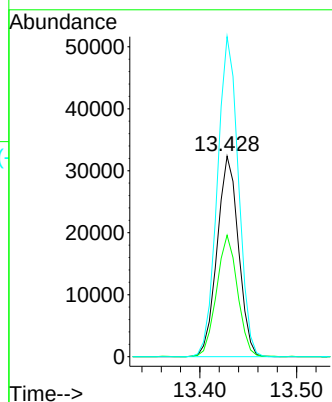
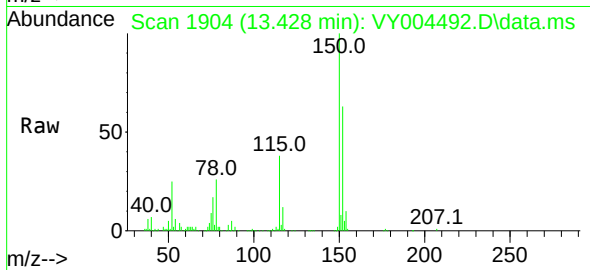




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

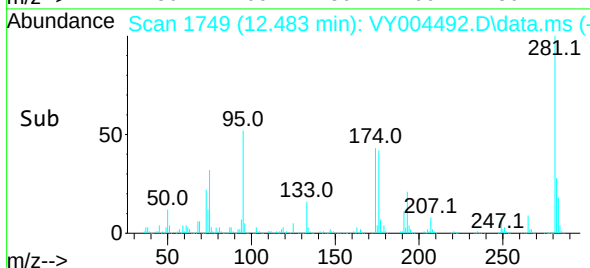
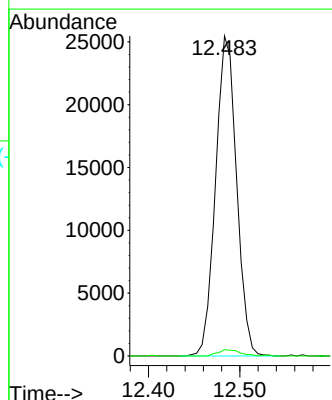
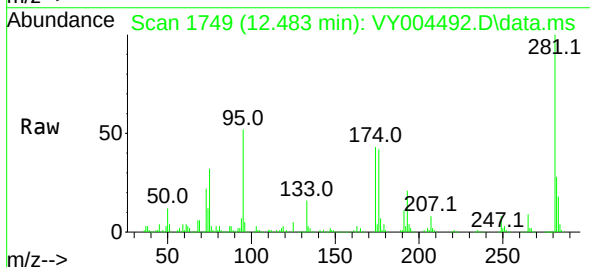
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

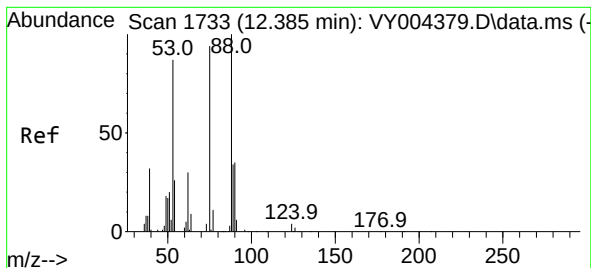
Tgt Ion:152 Resp: 49460
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.8
150 157.6 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 76.60 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

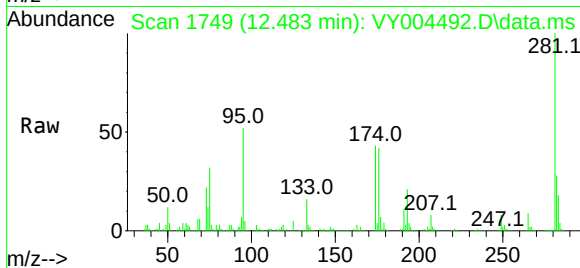
Tgt Ion: 75 Resp: 40664
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



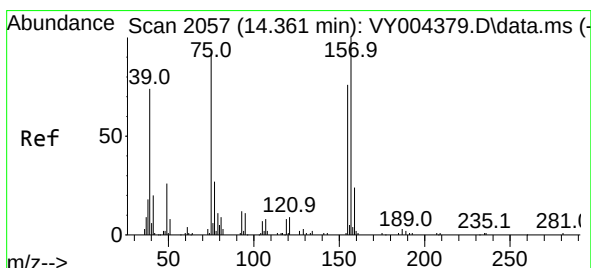
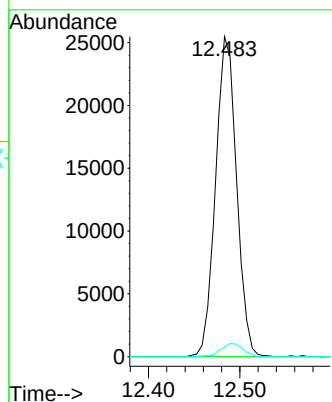
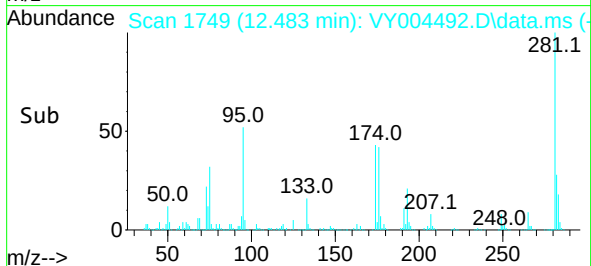


#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.03 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004492.D
 Acq: 19 Apr 2021 12:55

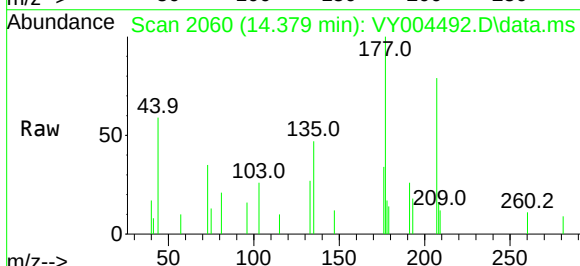
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE



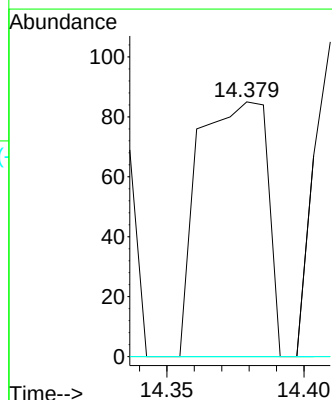
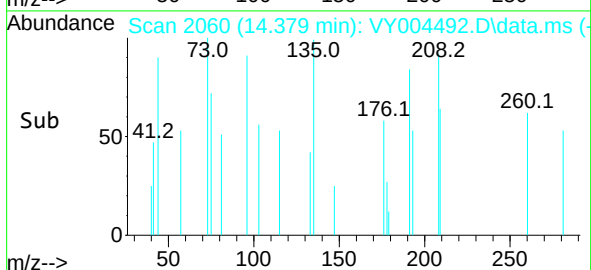
Tgt Ion: 75 Resp: 40664
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.0 112.6#
 89 4.4 36.1 54.1#

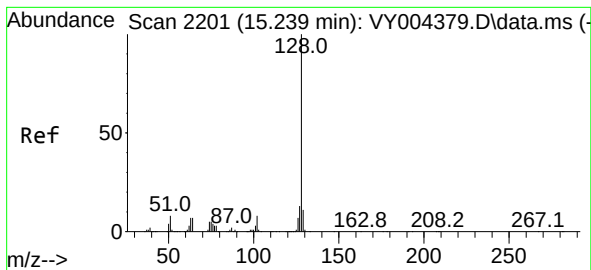


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.13 ug/l
 RT: 14.379 min Scan# 2060
 Delta R.T. 0.018 min
 Lab File: VY004492.D
 Acq: 19 Apr 2021 12:55



Tgt Ion: 75 Resp: 147
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.6 121.8#
 157 0.0 53.0 159.0#





#95
Naphthalene
Concen: 4.07 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004492.D
Acq: 19 Apr 2021 12:55

Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

Tgt Ion:128 Resp: 8300
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.2
129 11.5 8.8 13.2

