

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004500.D
 Acq On : 19 Apr 2021 16:01
 Operator : SY/MD
 Sample : M2075-16
 Misc : 6.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-D

Quant Time: Apr 20 01:49:16 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)

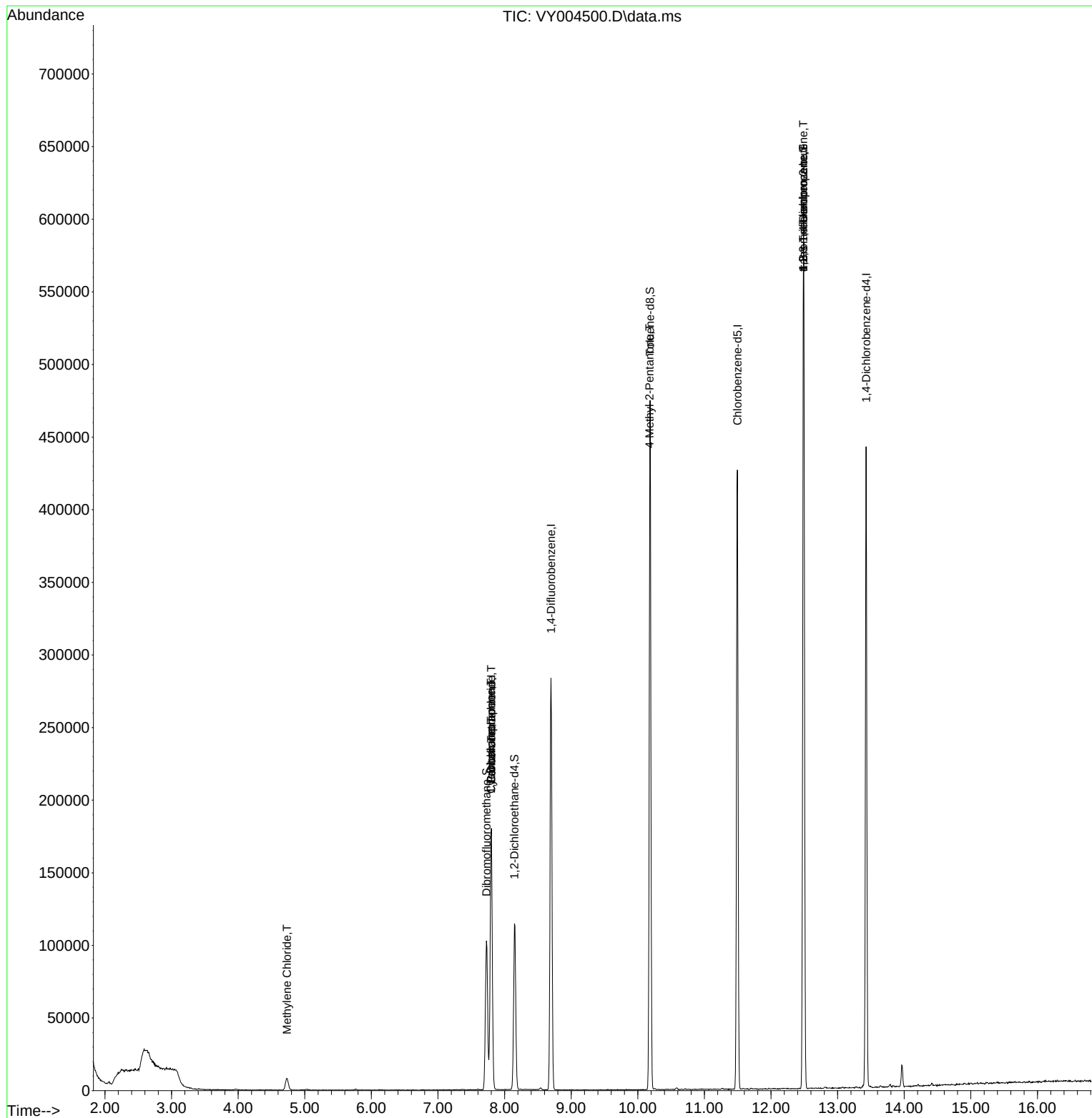
Internal Standards						
1) Pentafluorobenzene	7.801	168	135349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	221871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87395	58.12	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.24%			
35) Dibromofluoromethane	7.728	113	72447	55.35	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.70%			
50) Toluene-d8	10.185	98	290868	52.25	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.50%			
62) 4-Bromofluorobenzene	12.483	95	100895	53.41	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.82%			
Target Compounds						
16) Acetone	3.966	43	1109	Below Cal	#	88
20) Methylene Chloride	4.735	84	5983	4.12	ug/l	98
31) Cyclohexane	7.795	56	3241	1.18	ug/l	# 23
36) 1,1-Dichloropropene	7.795	75	11037	4.71	ug/l	# 51
38) Carbon Tetrachloride	7.801	117	13841	6.83	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.179	43	1565	1.06	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	58394	53.33	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	58394	95.40	ug/l	# 13

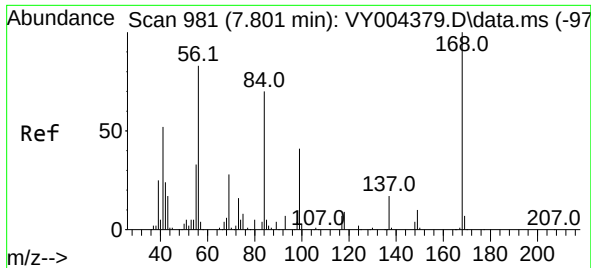
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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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
Response via : Initial Calibration

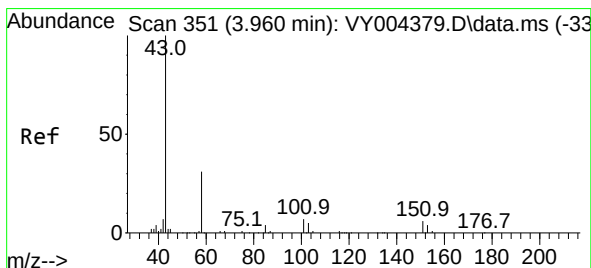
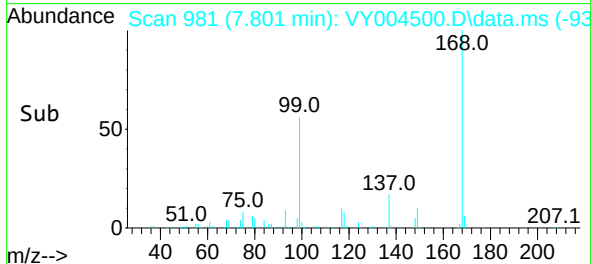
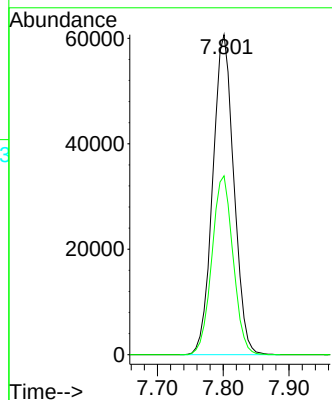
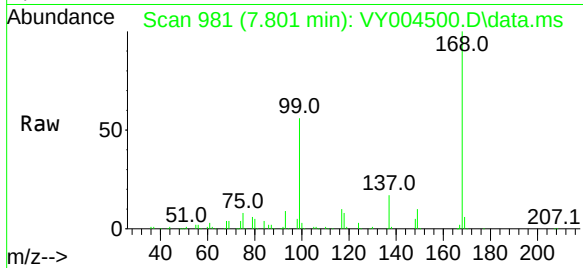




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

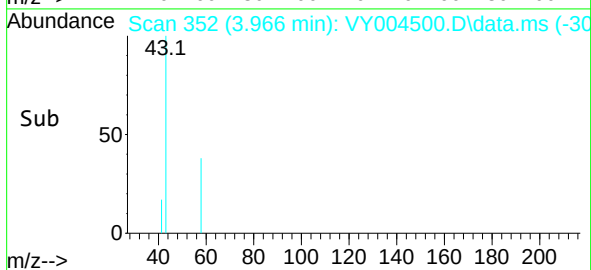
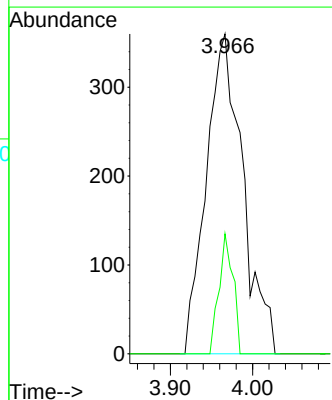
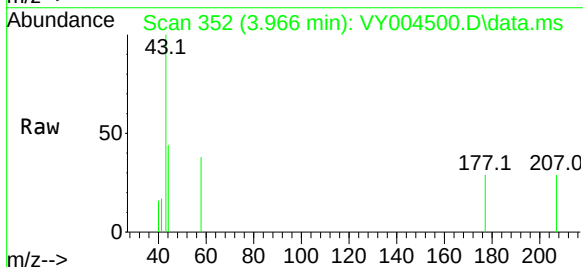
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-D

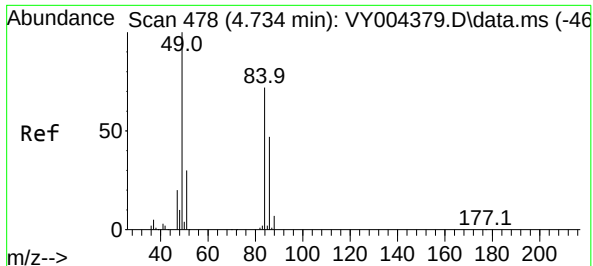
Tgt Ion:168 Resp: 135349
Ion Ratio Lower Upper
168 100
99 55.9 45.5 68.3



#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
58 37.5 24.6 37.0#





#20

Methylene Chloride

Concen: 4.12 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY004500.D

Acq: 19 Apr 2021 16:01

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-D

Tgt Ion: 84 Resp: 5983

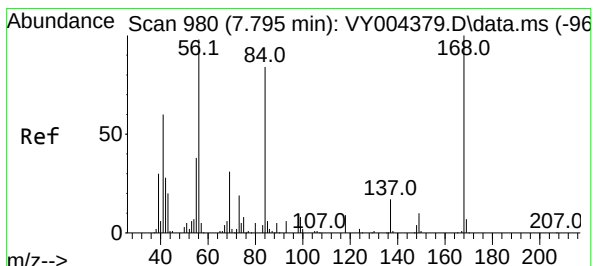
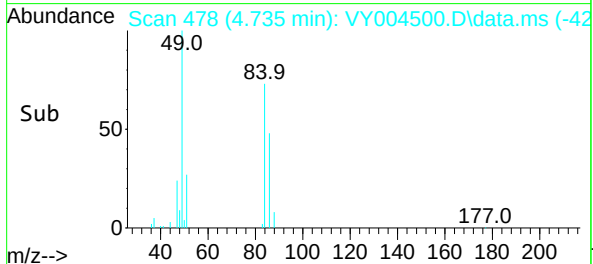
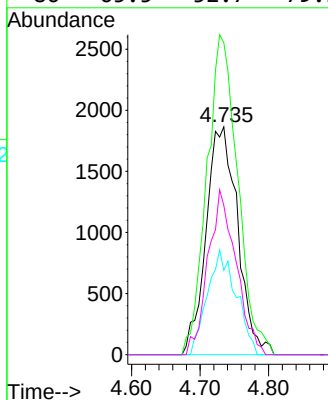
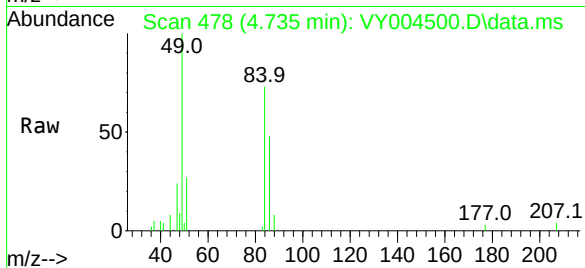
Ion Ratio Lower Upper

84 100

49 137.0 111.2 166.8

51 37.0 33.4 50.2

86 65.5 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: VY004500.D

Acq: 19 Apr 2021 16:01

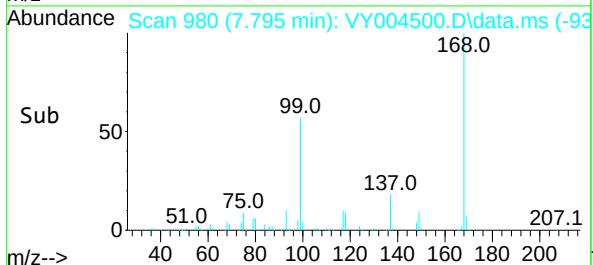
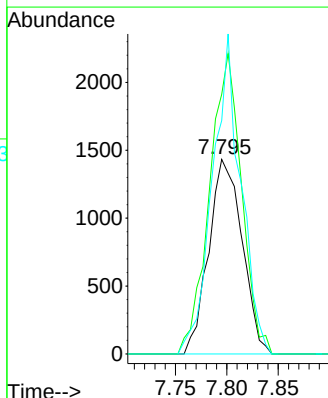
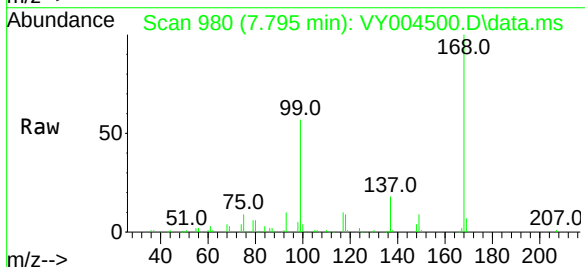
Tgt Ion: 56 Resp: 3241

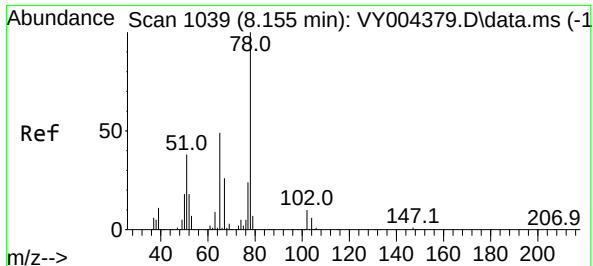
Ion Ratio Lower Upper

56 100

69 133.5 25.8 38.6#

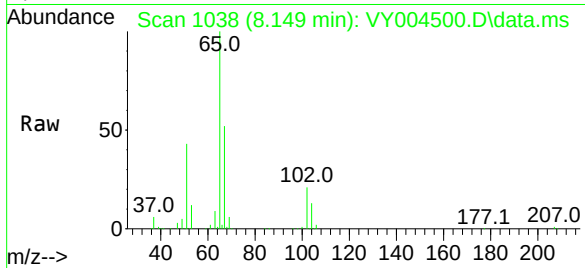
84 120.0 68.2 102.4#



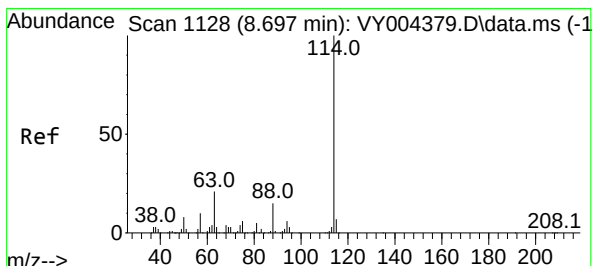
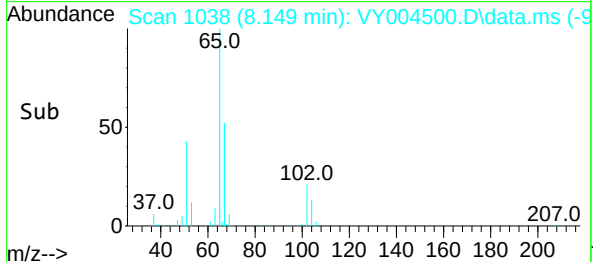
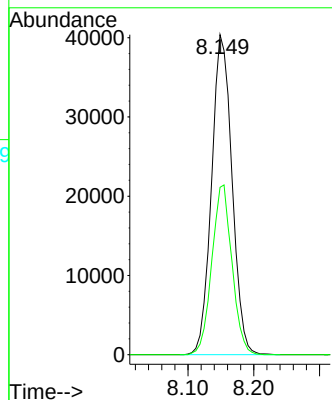


#33
 1,2-Dichloroethane-d4
 Concen: 58.12 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004500.D
 Acq: 19 Apr 2021 16:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-D

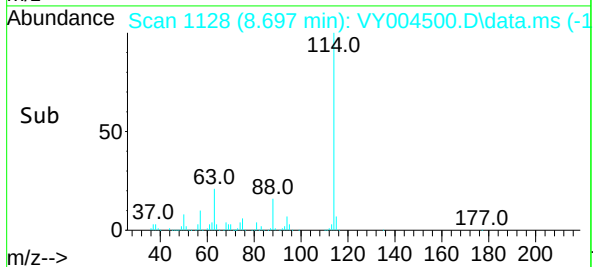
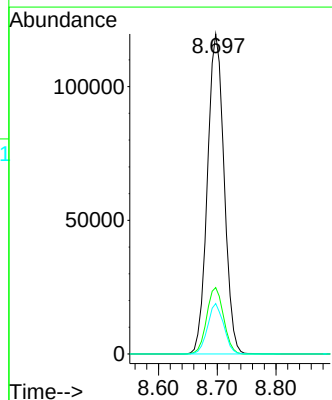
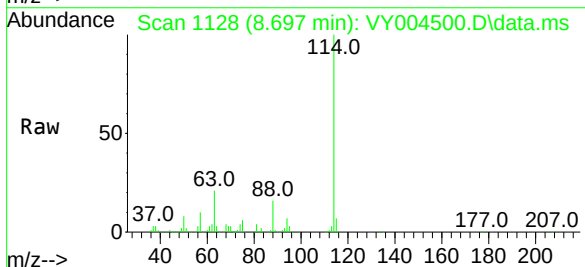


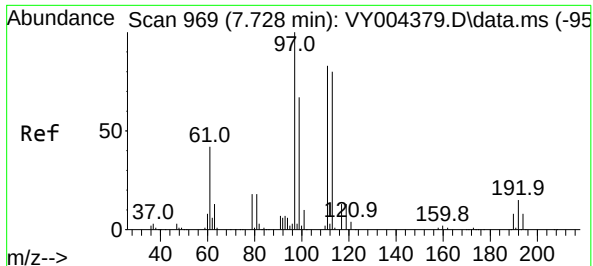
Tgt Ion: 65 Resp: 87395
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004500.D
 Acq: 19 Apr 2021 16:01

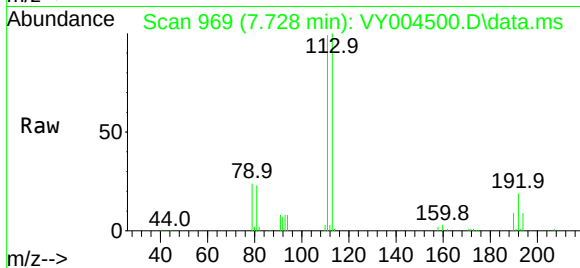
Tgt Ion: 114 Resp: 235839
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.8 0.0 30.8



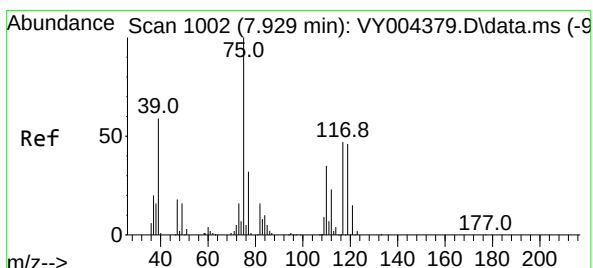
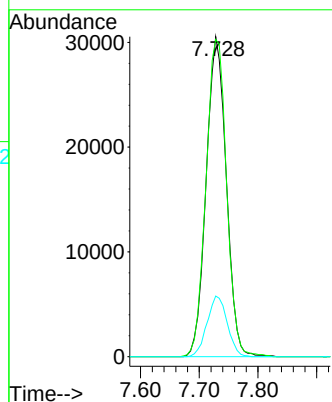
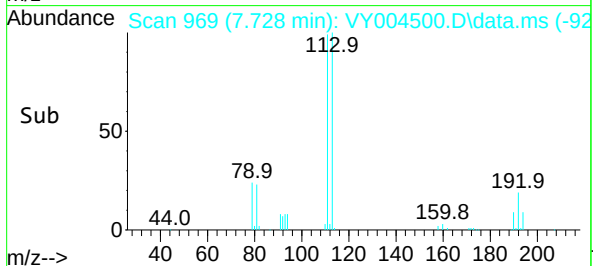


#35
Dibromofluoromethane
Concen: 55.35 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

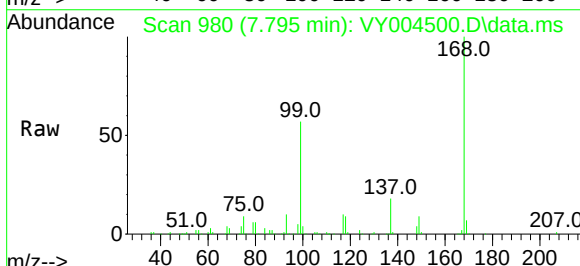
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-D



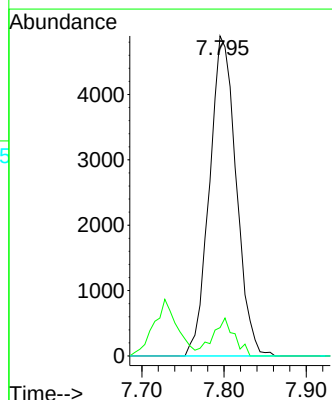
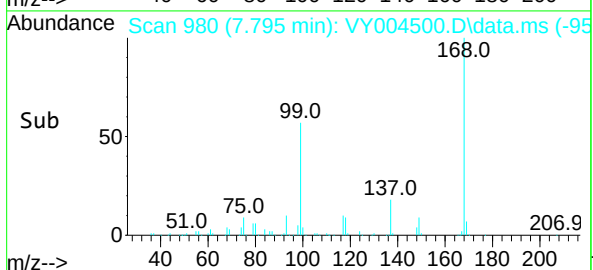
Tgt Ion:113 Resp: 72447
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.0 16.1 24.1

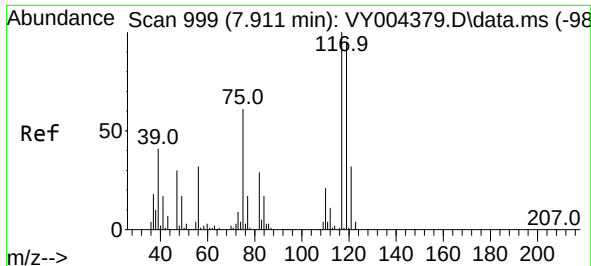


#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01



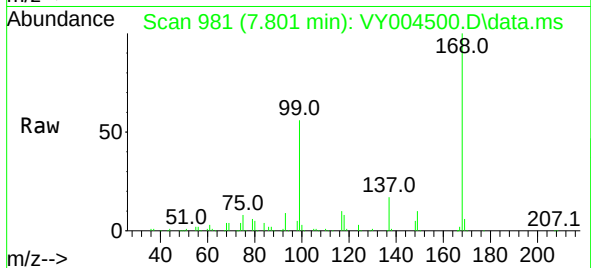
Tgt Ion: 75 Resp: 11037
Ion Ratio Lower Upper
75 100
110 9.6 17.3 51.7#
77 0.0 24.3 36.5#



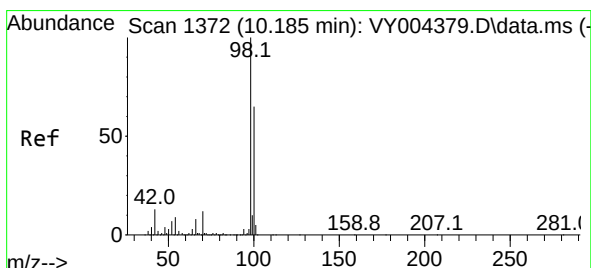
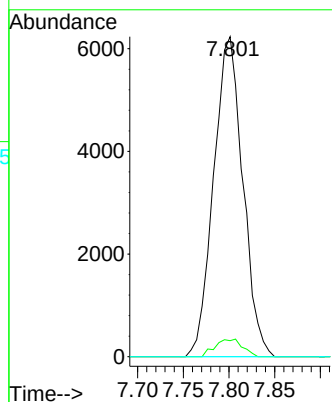
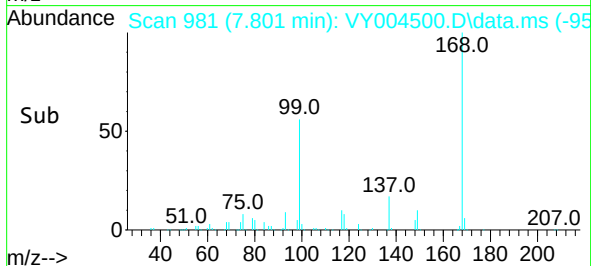


#38
Carbon Tetrachloride
Concen: 6.83 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

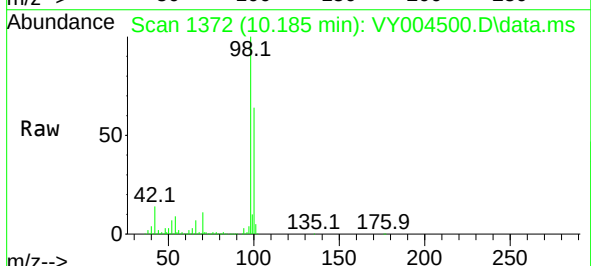
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-D



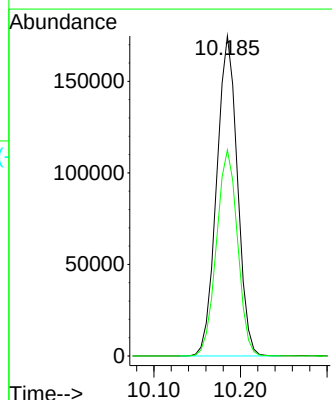
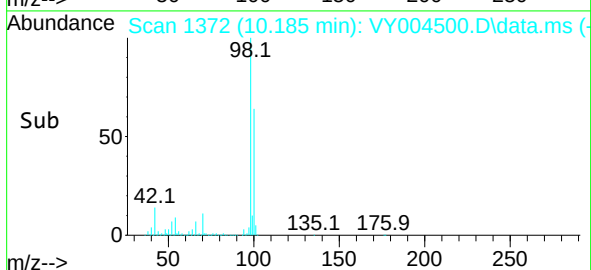
Tgt Ion:117 Resp: 13841
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 25.3 37.9#

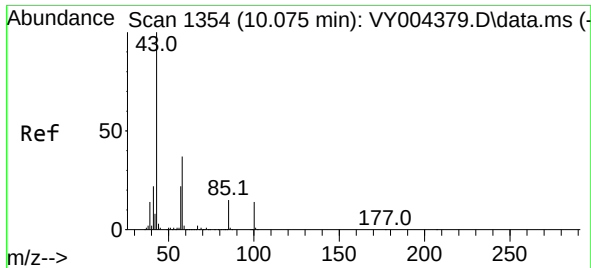


#50
Toluene-d8
Concen: 52.25 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01



Tgt Ion: 98 Resp: 290868
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

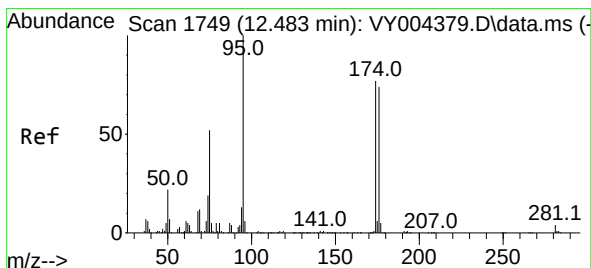
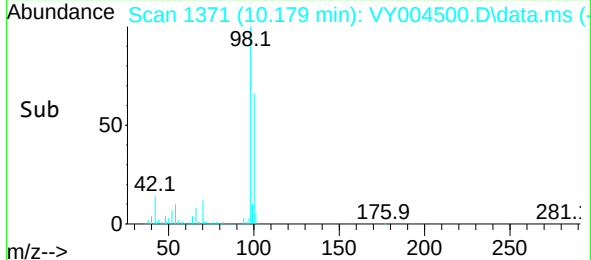
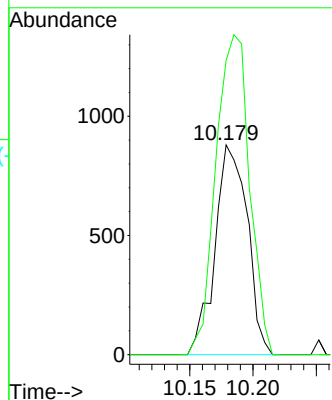
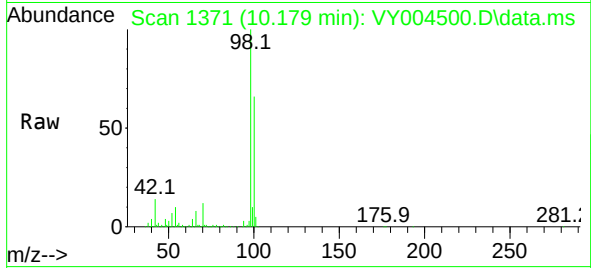




#51
4-Methyl-2-Pentanone
Concen: 1.06 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

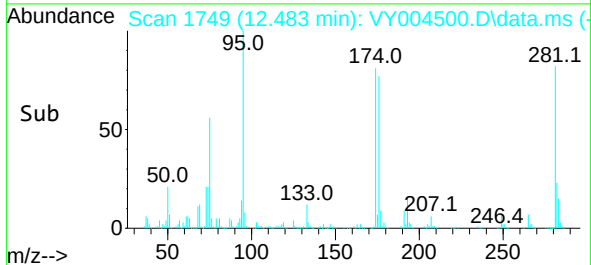
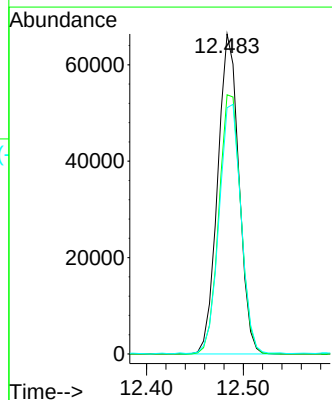
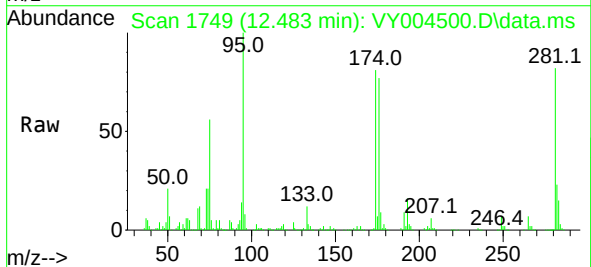
Instrument :
MSVOA_Y
ClientSampled :
TP-4-D

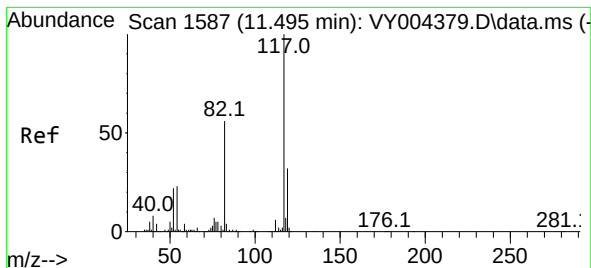
Tgt Ion: 43 Resp: 1565
Ion Ratio Lower Upper
43 100
58 159.1 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 53.41 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

Tgt Ion: 95 Resp: 100895
Ion Ratio Lower Upper
95 100
174 83.4 0.0 162.4
176 81.2 0.0 156.0

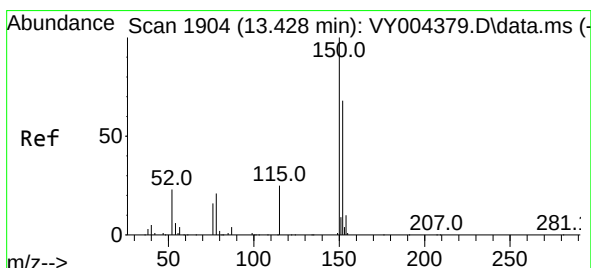
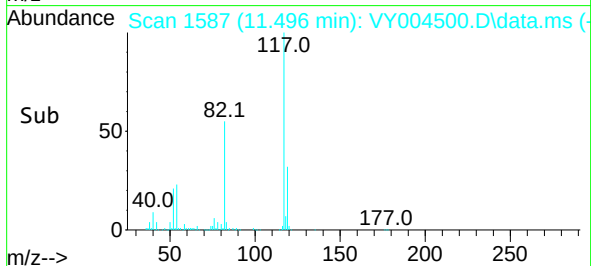
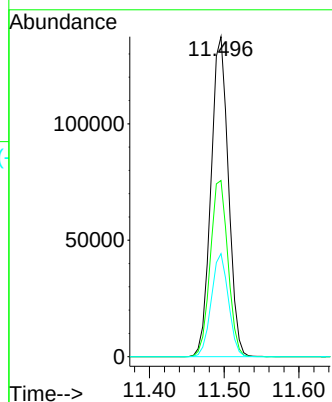
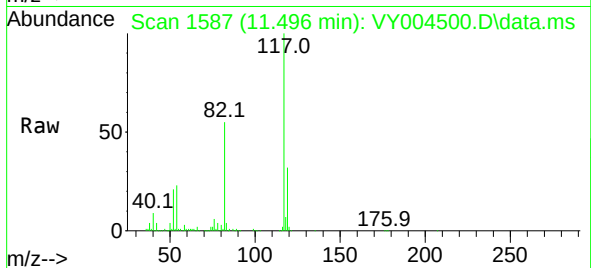




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

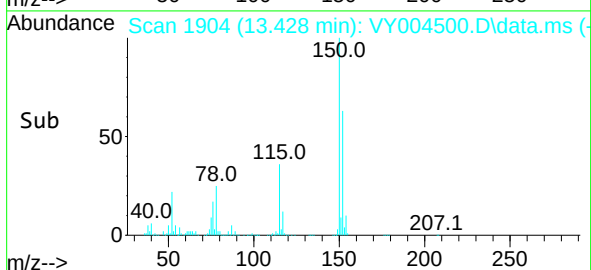
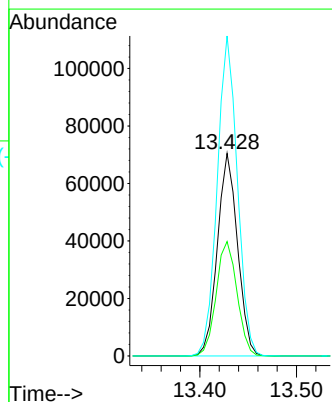
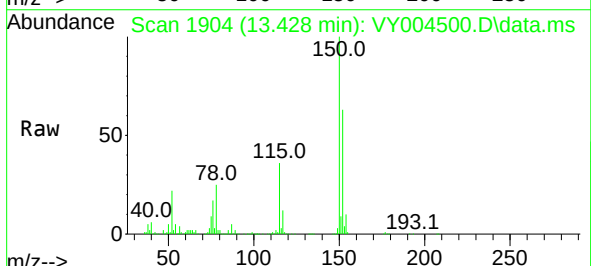
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-D

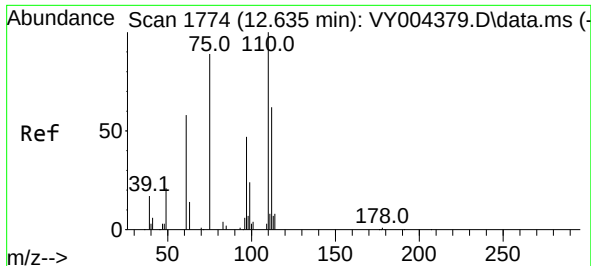
Tgt Ion:117 Resp: 221871
Ion Ratio Lower Upper
117 100
82 55.1 44.9 67.3
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

Tgt Ion:152 Resp: 102021
Ion Ratio Lower Upper
152 100
115 58.3 29.6 88.8
150 157.7 0.0 348.4

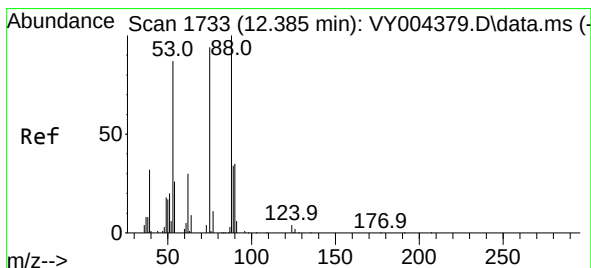
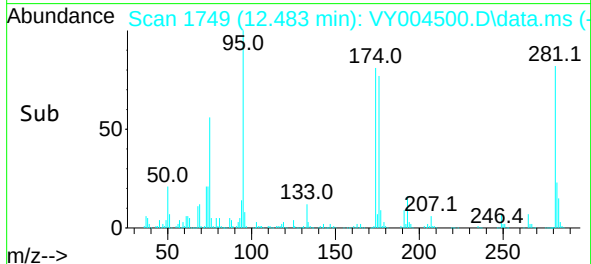
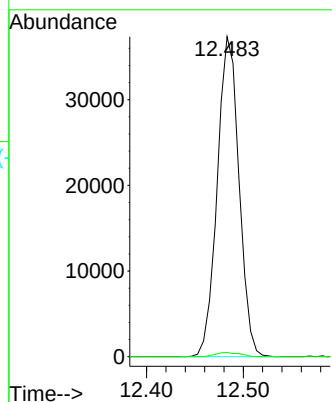
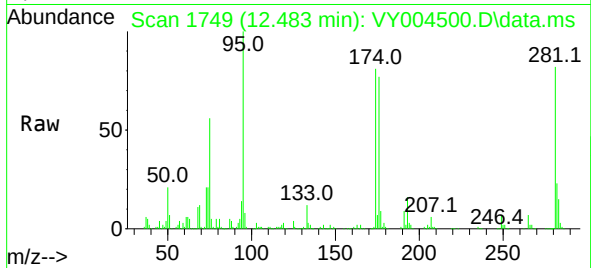




#76
1,2,3-Trichloropropane
Concen: 53.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

Instrument :
MSVOA_Y
ClientSampleId :
TP-4-D

Tgt Ion: 75 Resp: 58394
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.40 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004500.D
Acq: 19 Apr 2021 16:01

Tgt Ion: 75 Resp: 58394
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 2.1 36.1 54.1#

