

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042221\
 Data File : VY004583.D
 Acq On : 22 Apr 2021 14:28
 Operator : SY/MD
 Sample : M2111-03RE
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 23 09:20:11 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)

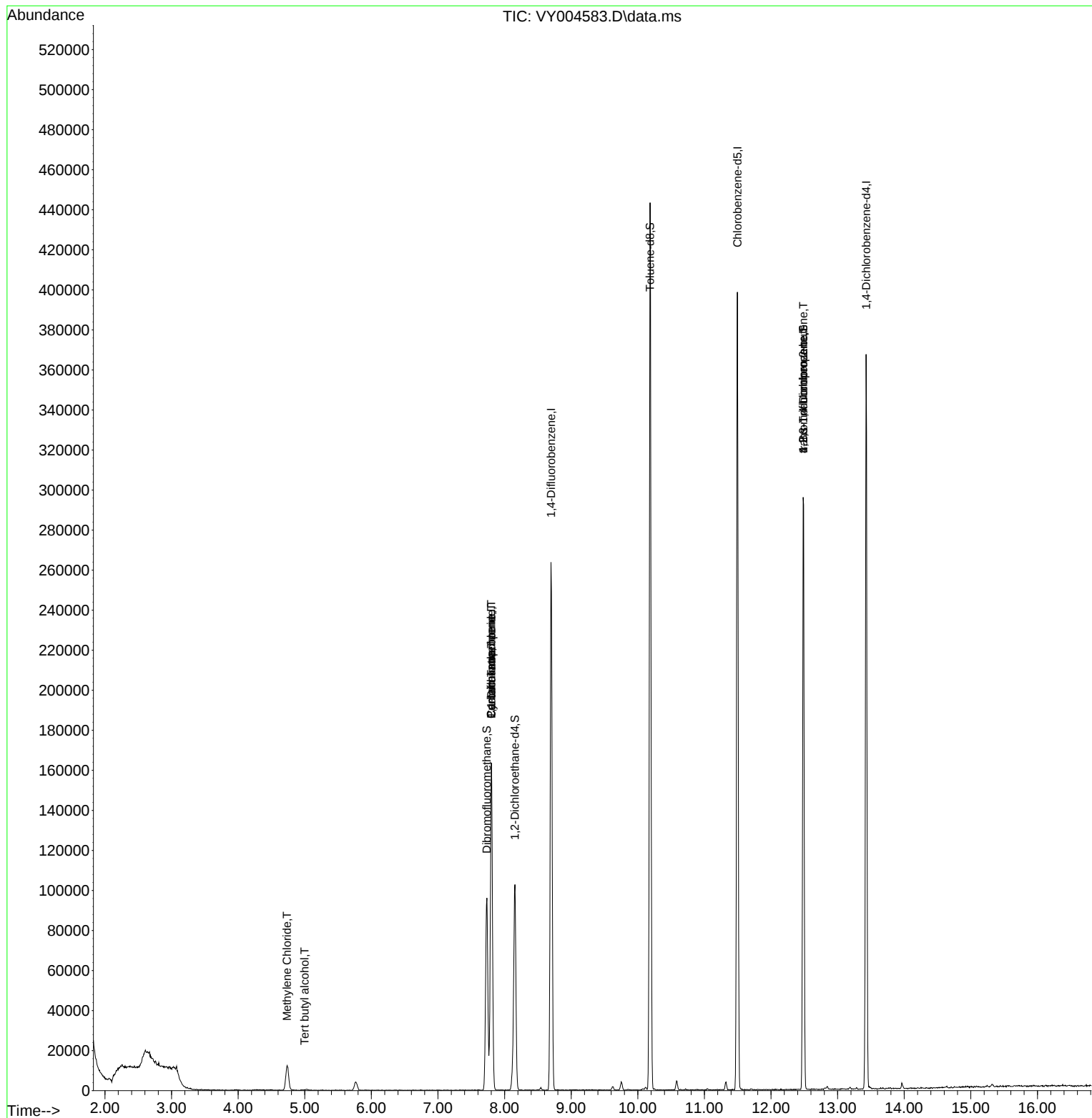
Internal Standards						
1) Pentafluorobenzene	7.801	168	120840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	201331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	77939	58.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.10%	
35) Dibromofluoromethane	7.734	113	66762	55.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.72%	
50) Toluene-d8	10.185	98	266851	52.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.98%	
62) 4-Bromofluorobenzene	12.483	95	86304	50.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.04%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.997	59	361	2.73	ug/l #	73
16) Acetone	3.973	43	737	Below	Cal	98
20) Methylene Chloride	4.735	84	8650	6.67	ug/l	98
31) Cyclohexane	7.801	56	3027	1.23	ug/l #	20
36) 1,1-Dichloropropene	7.801	75	10138	4.74	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12220	6.60	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	48475	51.25	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48475	91.68	ug/l #	12

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

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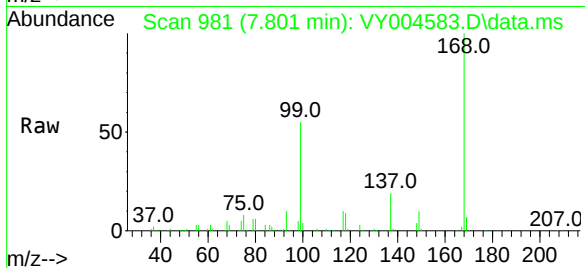
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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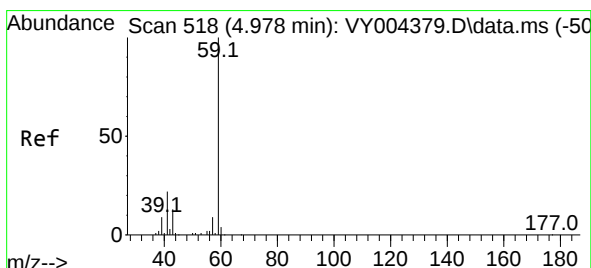
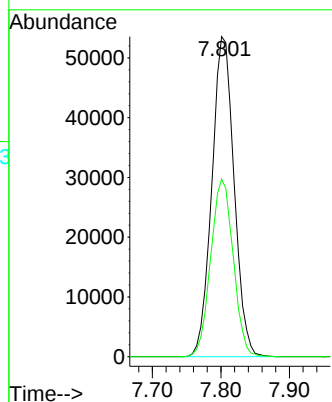
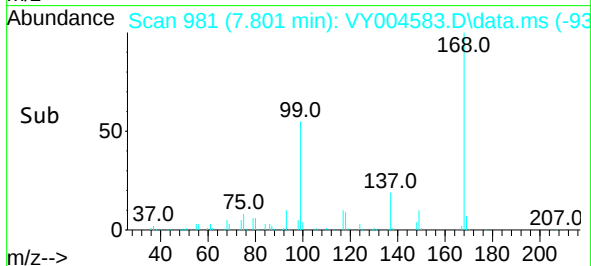


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

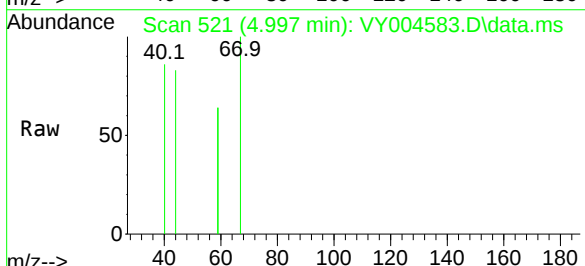
Instrument :
MSVOA_Y
ClientSampled :



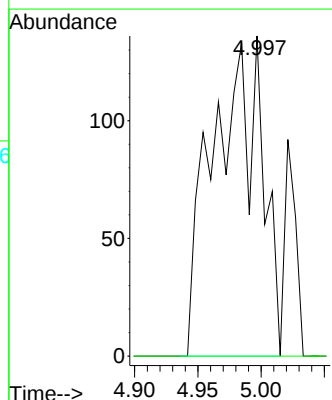
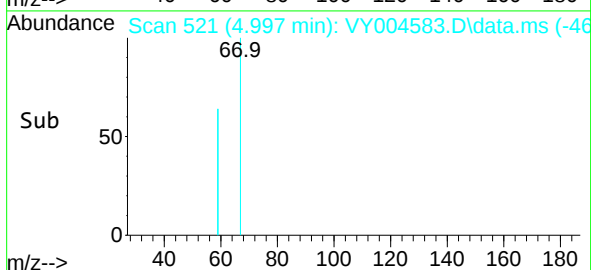
Tgt Ion:168 Resp: 120840
Ion Ratio Lower Upper
168 100
99 55.5 45.5 68.3

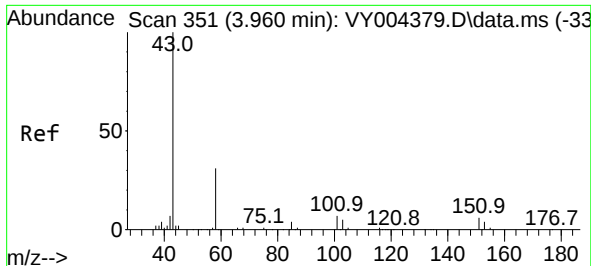


#11
Tert butyl alcohol
Concen: 2.73 ug/l
RT: 4.997 min Scan# 521
Delta R.T. 0.018 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28



Tgt Ion: 59 Resp: 361
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

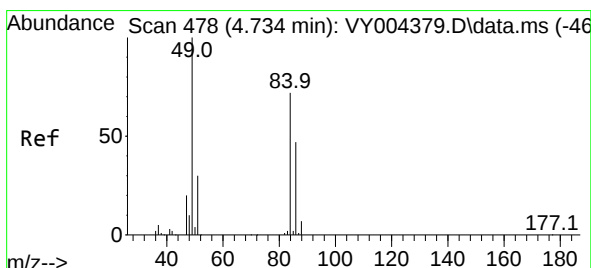
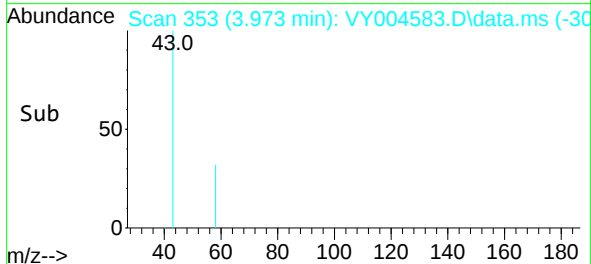
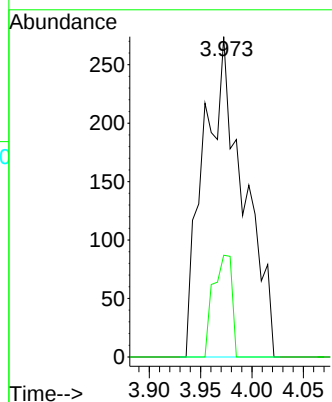
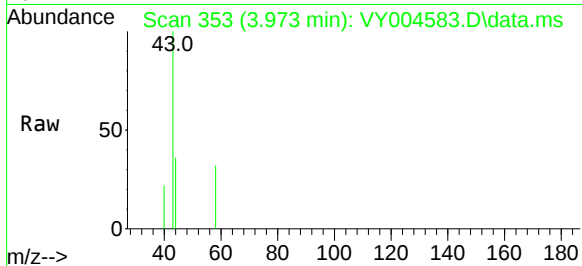




#16
Acetone
Concen: Below Cal
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

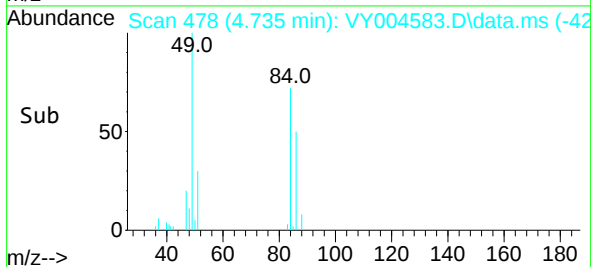
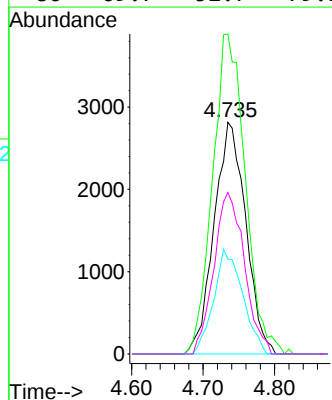
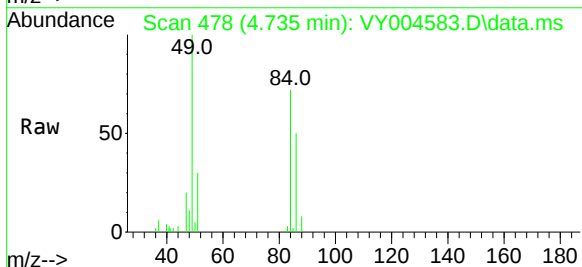
Instrument :
MSVOA_Y
ClientSampled :

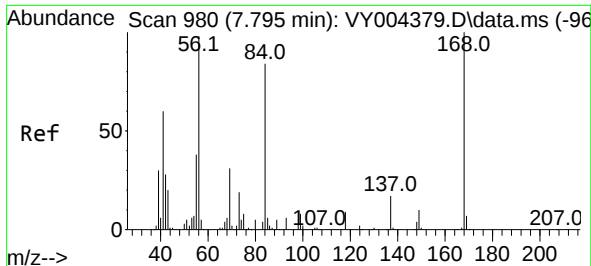
Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 31.8 24.6 37.0



#20
Methylene Chloride
Concen: 6.67 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

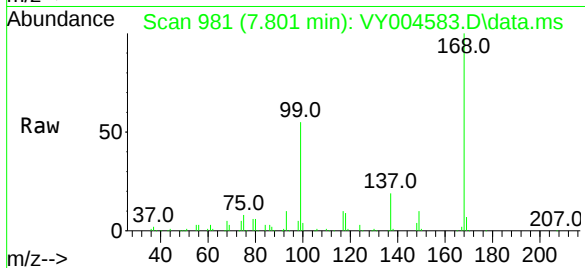
Tgt Ion: 84 Resp: 8650
Ion Ratio Lower Upper
84 100
49 138.2 111.2 166.8
51 41.0 33.4 50.2
86 69.7 52.7 79.1



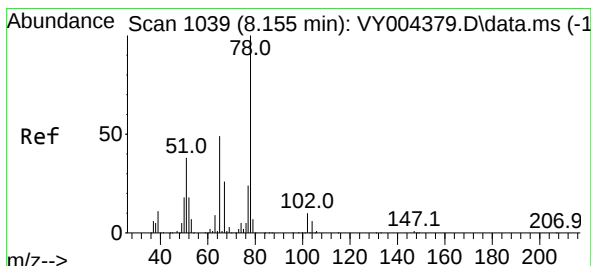
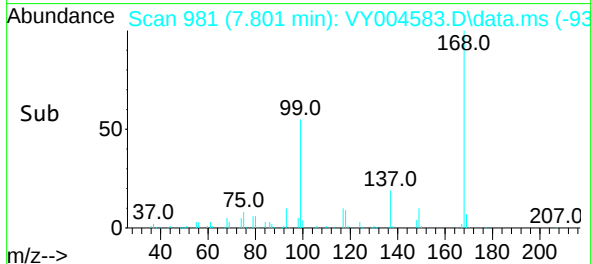
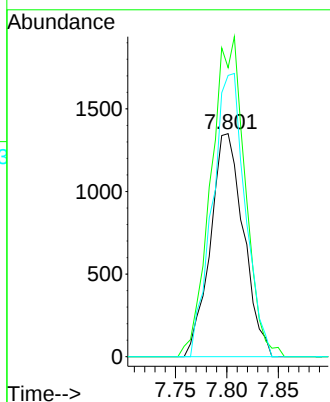


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

Instrument :
MSVOA_Y
ClientSampleId :

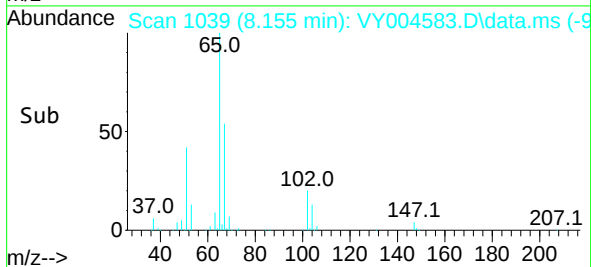
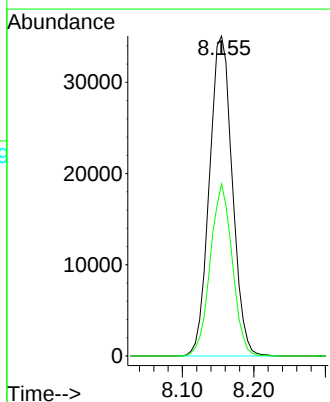
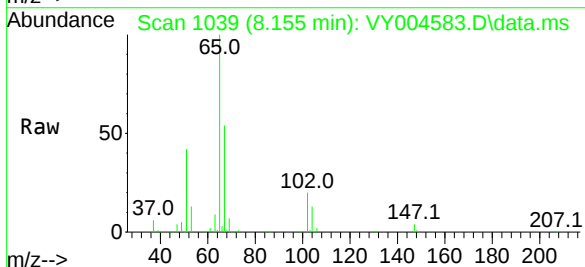


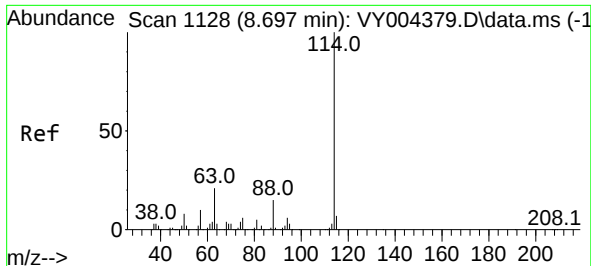
Tgt Ion: 56 Resp: 3027
Ion Ratio Lower Upper
56 100
69 129.6 25.8 38.6#
84 126.1 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 58.05 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

Tgt Ion: 65 Resp: 77939
Ion Ratio Lower Upper
65 100
67 51.5 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: VY004583.D

Acq: 22 Apr 2021 14:28

Tgt Ion:114 Resp: 215382

Ion Ratio Lower Upper

114 100

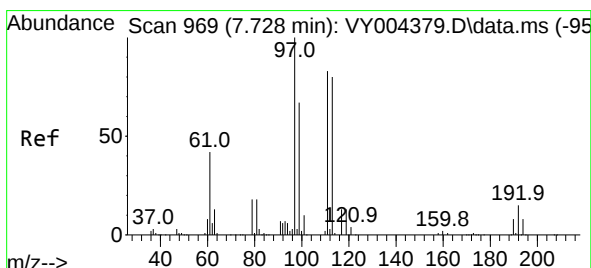
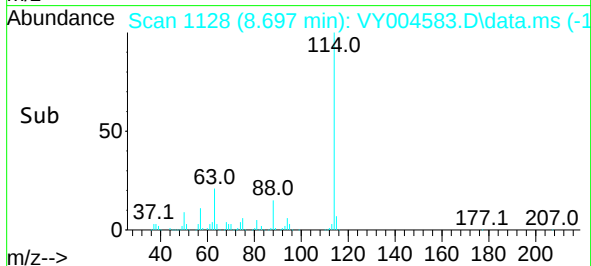
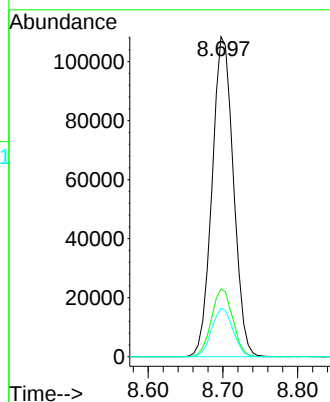
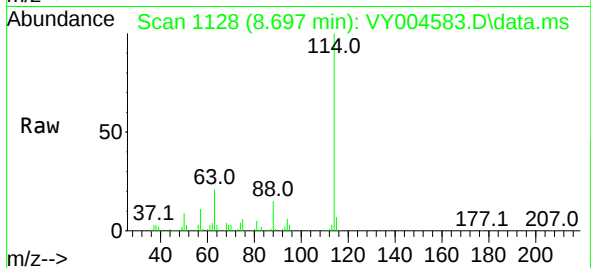
63 21.1 0.0 42.4

88 15.1 0.0 30.8

Instrument :

MSVOA_Y

ClientSampleId :



#35

Dibromofluoromethane

Concen: 55.86 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY004583.D

Acq: 22 Apr 2021 14:28

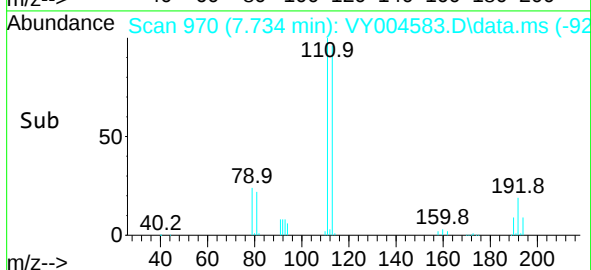
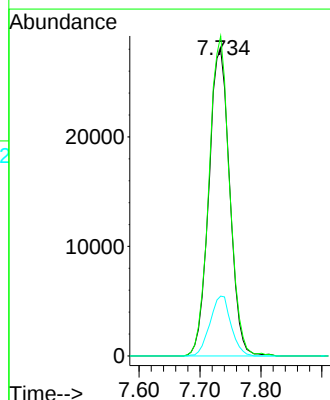
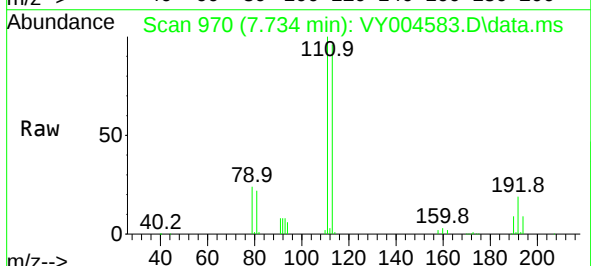
Tgt Ion:113 Resp: 66762

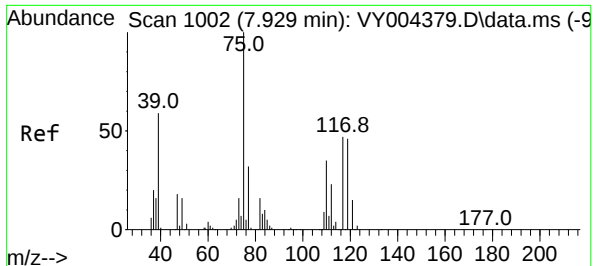
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 19.6 16.1 24.1

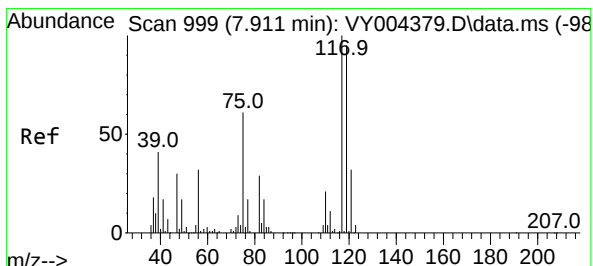
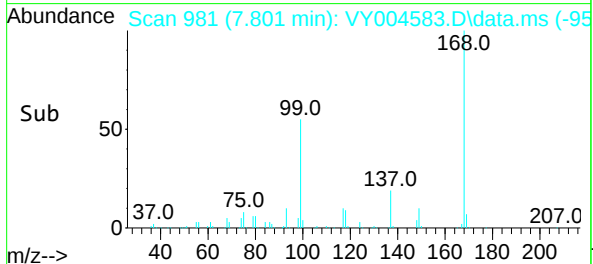
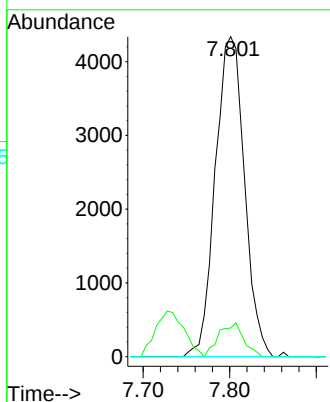
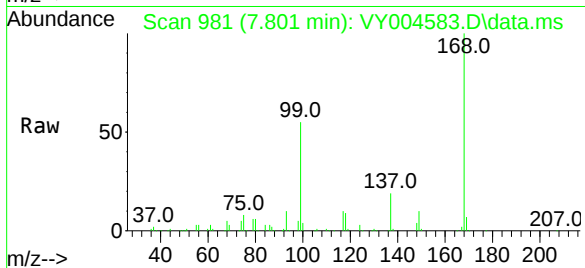




#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

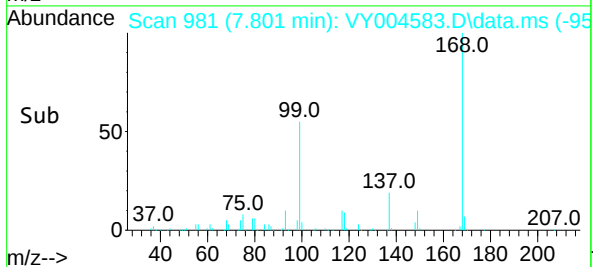
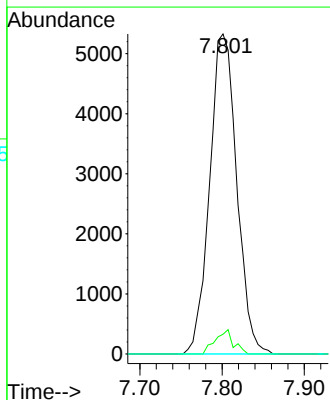
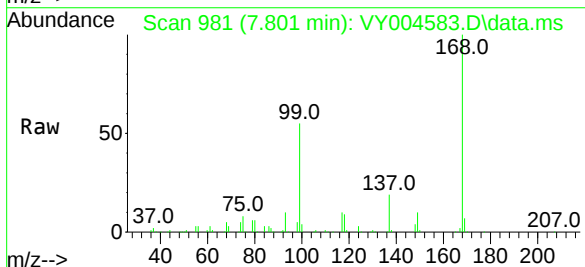
Instrument :
MSVOA_Y
ClientSampled :

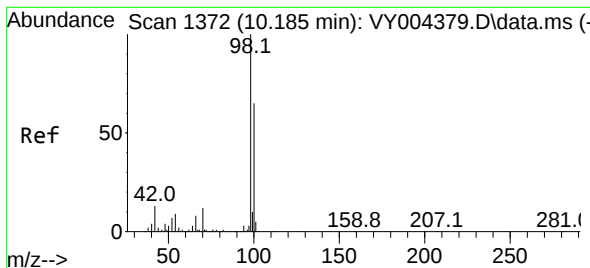
Tgt Ion: 75 Resp: 10138
Ion Ratio Lower Upper
75 100
110 9.0 17.3 51.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

Tgt Ion: 117 Resp: 12220
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 25.3 37.9#

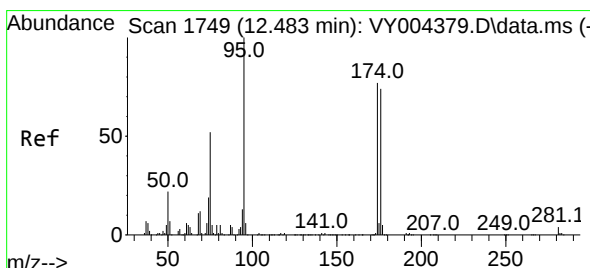
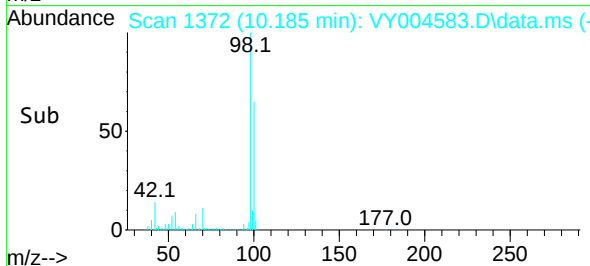
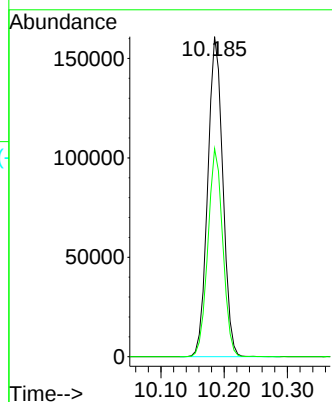
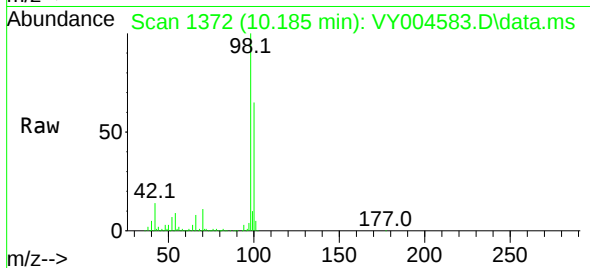




#50
Toluene-d8
Concen: 52.49 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

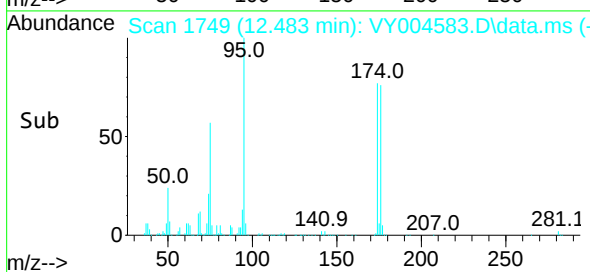
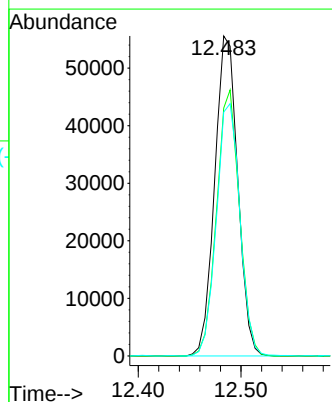
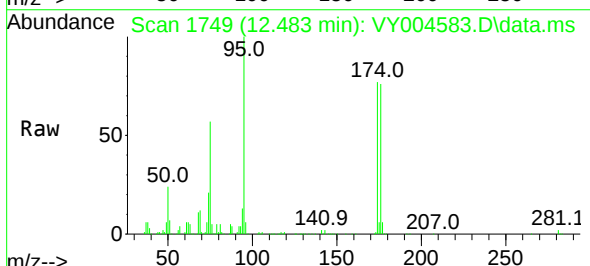
Instrument :
MSVOA_Y
ClientSampled :

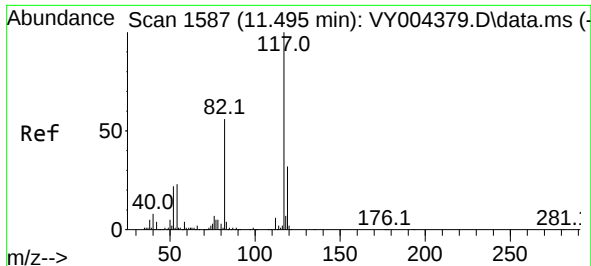
Tgt Ion: 98 Resp: 266851
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.02 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

Tgt Ion: 95 Resp: 86304
Ion Ratio Lower Upper
95 100
174 82.4 0.0 162.4
176 80.6 0.0 156.0

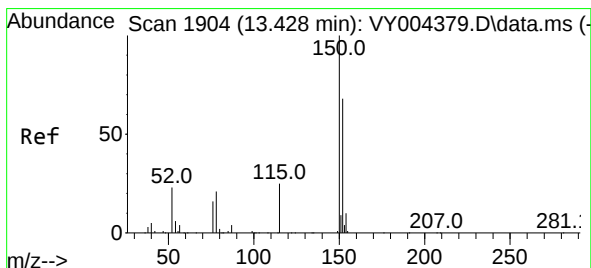
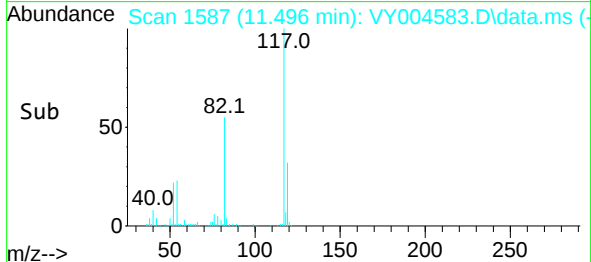
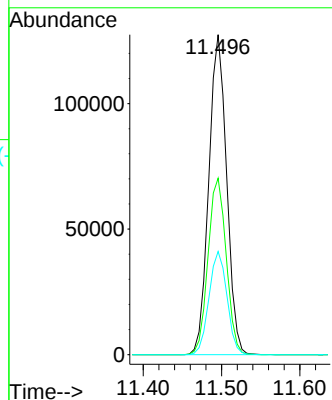
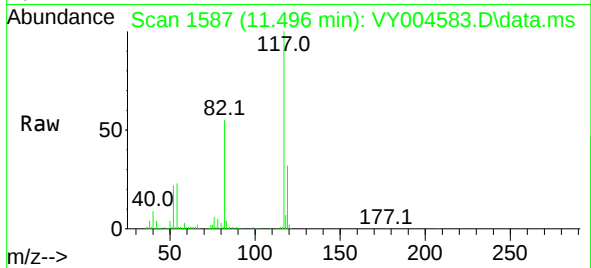




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

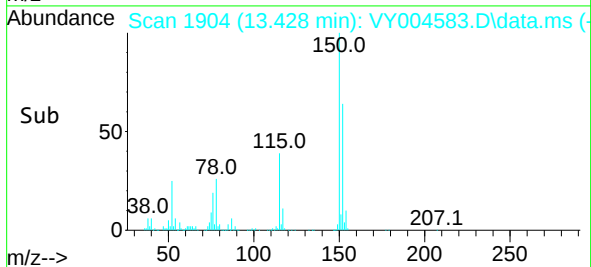
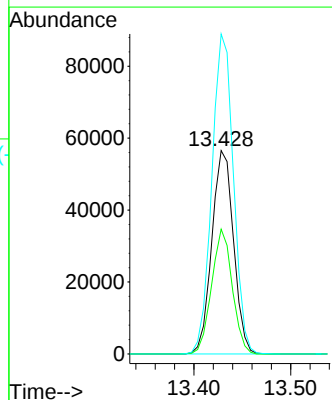
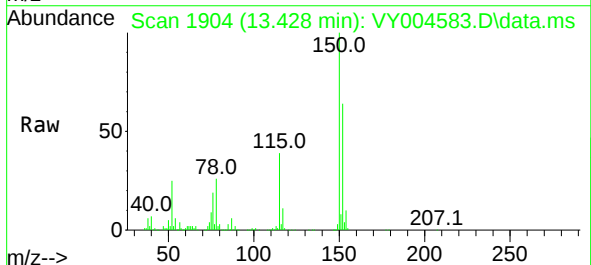
Instrument :
MSVOA_Y
ClientSampleId :

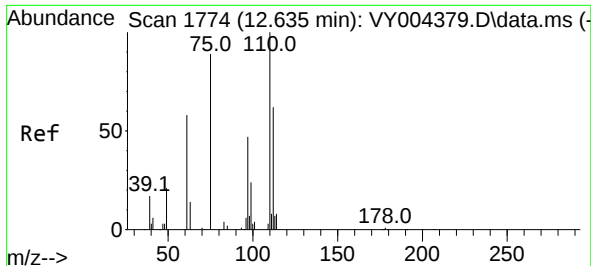
Tgt Ion:117 Resp: 201331
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

Tgt Ion:152 Resp: 88130
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 156.3 0.0 348.4

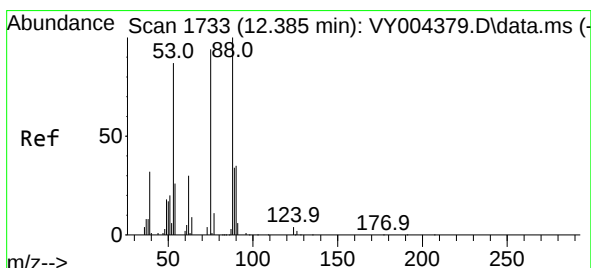
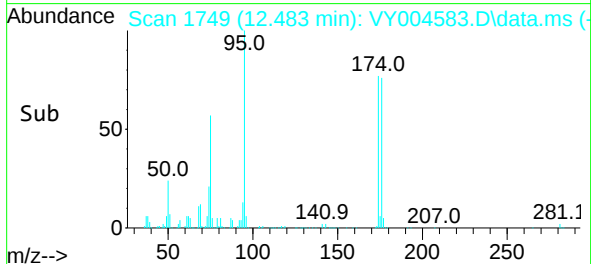
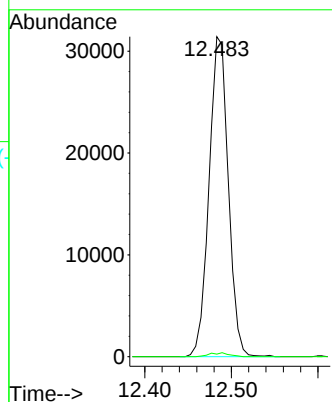
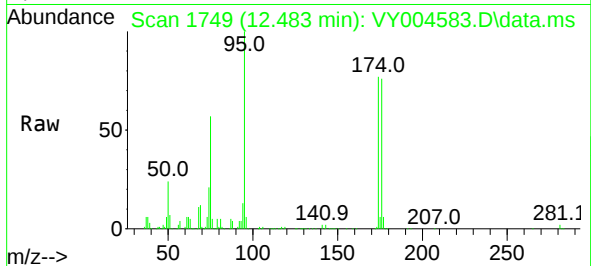




#76
1,2,3-Trichloropropane
Concen: 51.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 48475
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.68 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004583.D
Acq: 22 Apr 2021 14:28

Tgt Ion: 75 Resp: 48475
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 36.1 54.1#

