

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006364.D
 Acq On : 08 Oct 2021 18:55
 Operator : SY/MD
 Sample : M4117-19
 Misc : 5.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 03:20:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

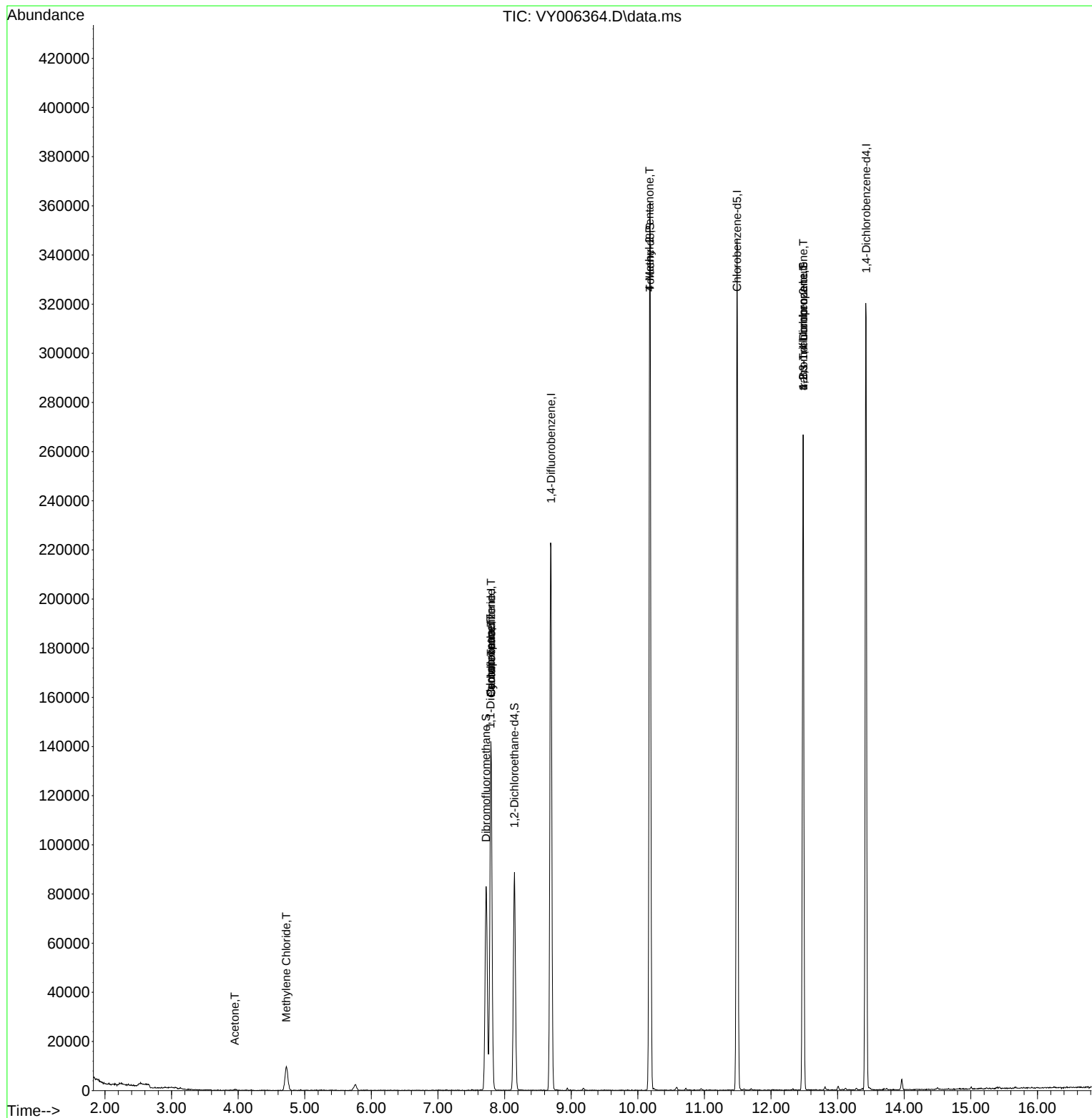
Internal Standards						
1) Pentafluorobenzene	7.795	168	109186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	171500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73048	62.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.020%			
35) Dibromofluoromethane	7.722	113	55568	56.613	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.220%			
50) Toluene-d8	10.185	98	232441	56.584	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.160%			
62) 4-Bromofluorobenzene	12.483	95	72133	51.689	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.380%			
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	359	1.100	ug/l #	86
20) Methylene Chloride	4.722	84	7230	2.899	ug/l	90
31) Cyclohexane	7.795	56	2756	1.245	ug/l #	46
36) 1,1-Dichloropropene	7.789	75	8351	4.569	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10436	5.407	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1123	1.059	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	42150	54.372	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42150	106.849	ug/l #	7

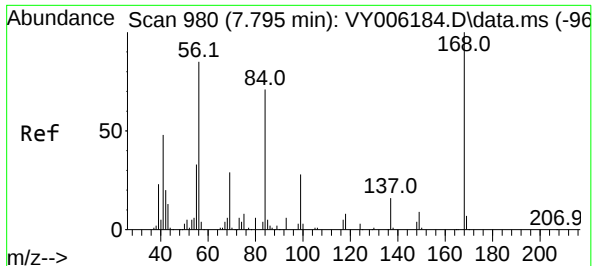
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 11 03:20:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration

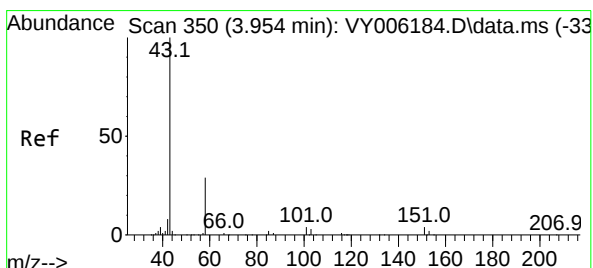
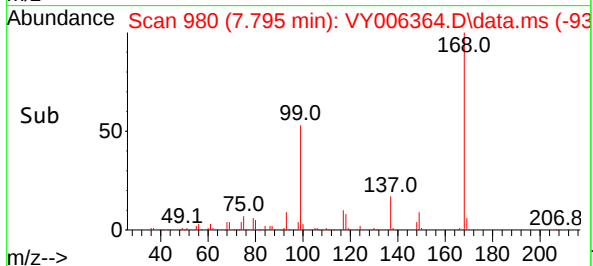
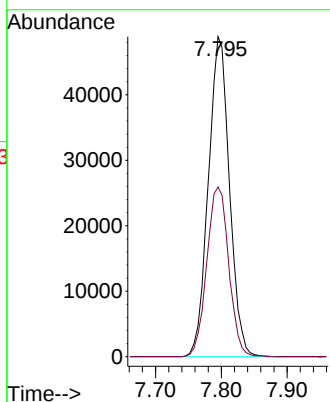
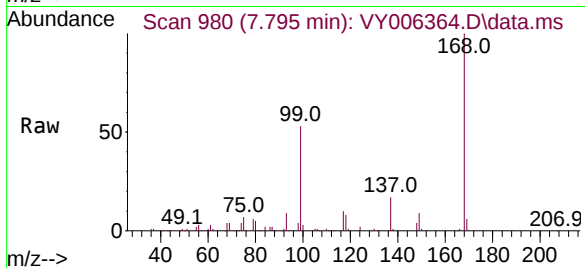




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

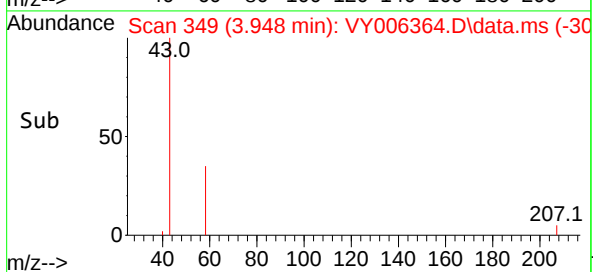
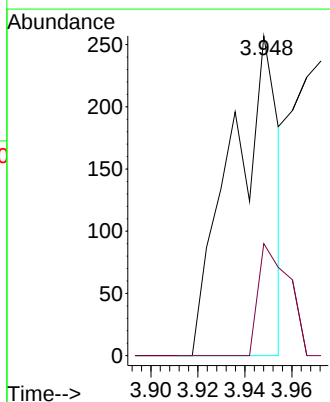
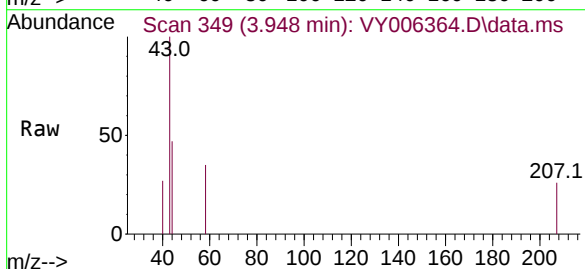
Instrument :
MSVOA_Y
ClientSampleId :

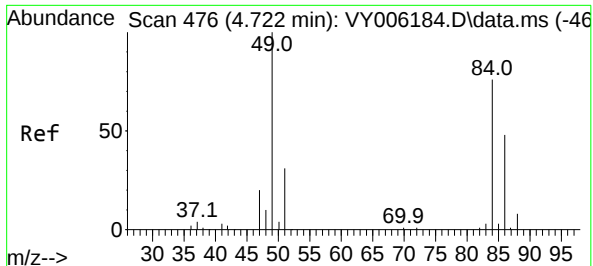
Tgt Ion:168 Resp: 109186
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#16
Acetone
Concen: 1.100 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

Tgt Ion: 43 Resp: 359
Ion Ratio Lower Upper
43 100
58 35.0 22.0 33.0#





#20

Methylene Chloride

Concen: 2.899 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY006364.D

Acq: 08 Oct 2021 18:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 7230

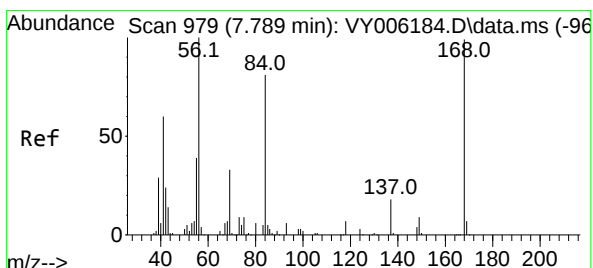
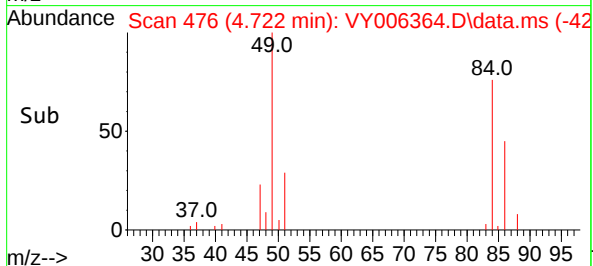
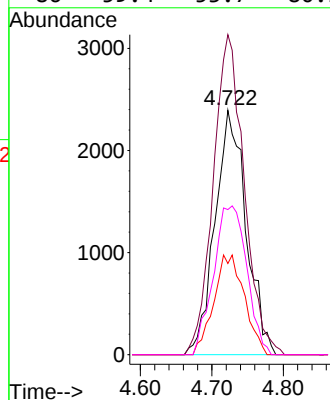
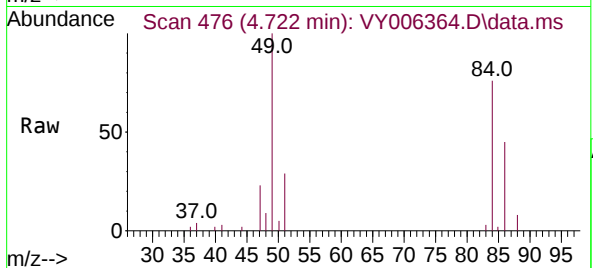
Ion Ratio Lower Upper

84 100

49 131.0 114.4 171.6

51 37.4 35.3 52.9

86 59.4 53.7 80.5



#31

Cyclohexane

Concen: 1.245 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006364.D

Acq: 08 Oct 2021 18:55

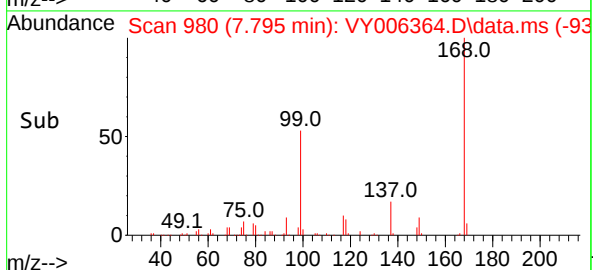
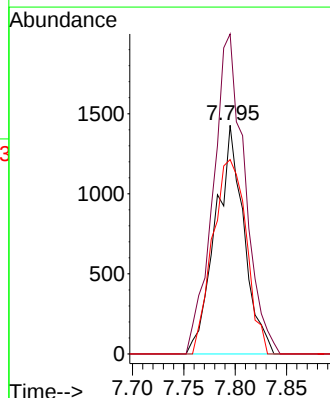
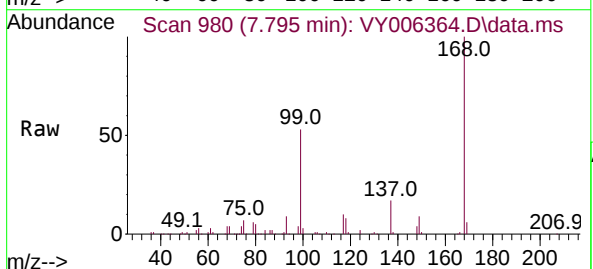
Tgt Ion: 56 Resp: 2756

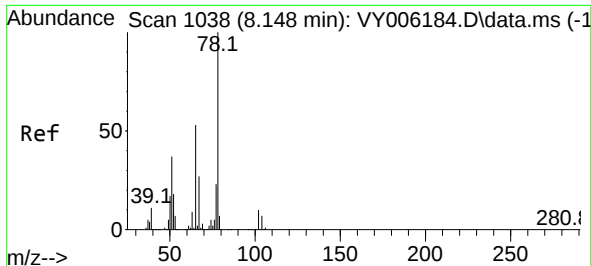
Ion Ratio Lower Upper

56 100

69 139.9 26.7 40.1#

84 85.0 67.2 100.8

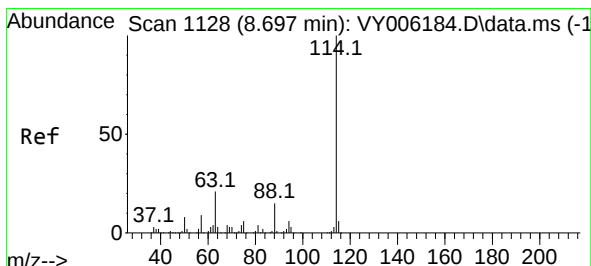
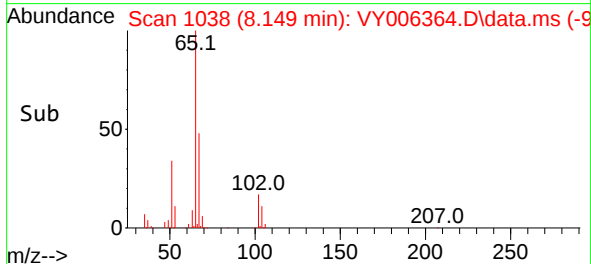
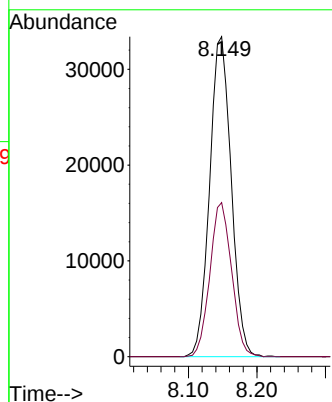
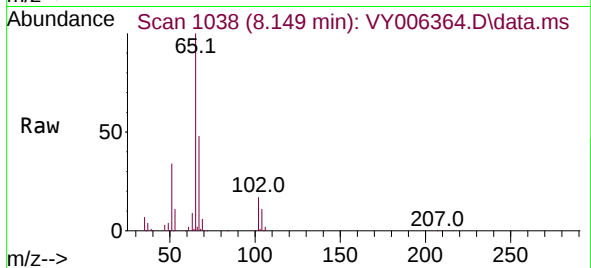




#33
1,2-Dichloroethane-d4
Concen: 62.508 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

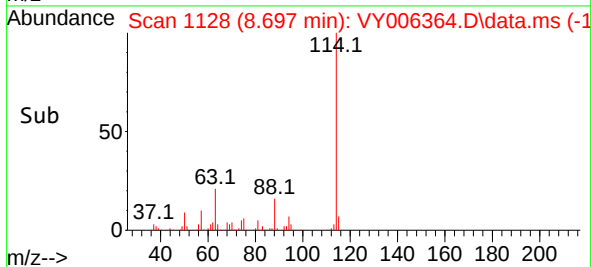
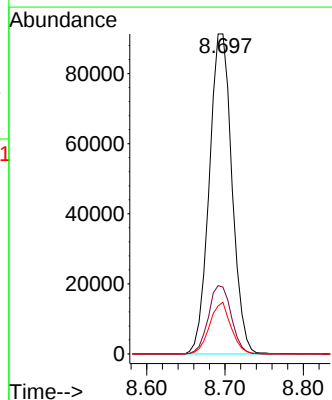
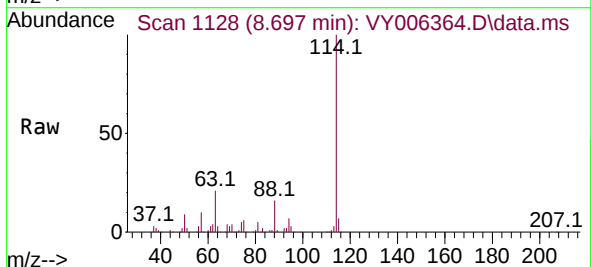
Instrument :
MSVOA_Y
ClientSampled :

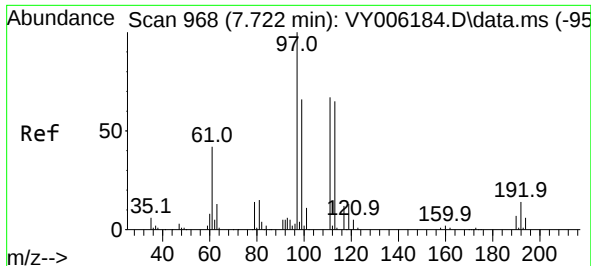
Tgt Ion: 65 Resp: 73048
Ion Ratio Lower Upper
65 100
67 48.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

Tgt Ion:114 Resp: 183719
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 16.2 0.0 31.8

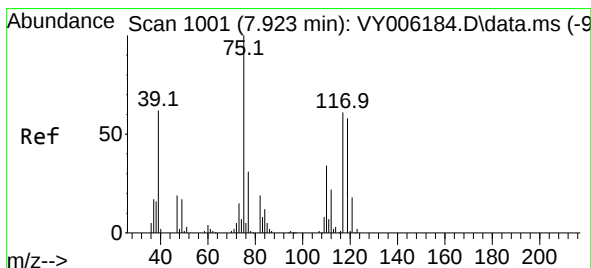
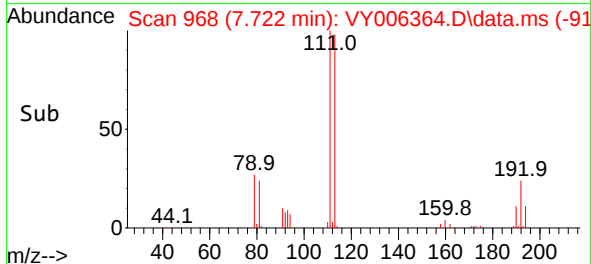
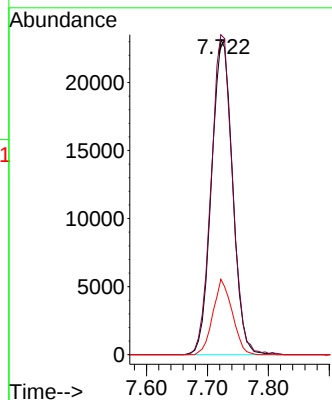
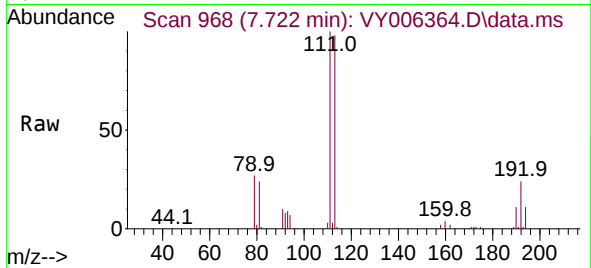




#35
Dibromofluoromethane
Concen: 56.613 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

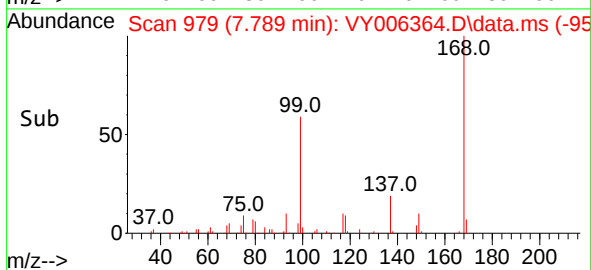
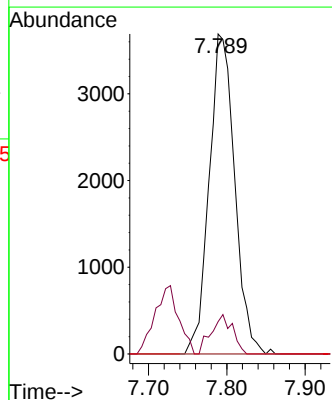
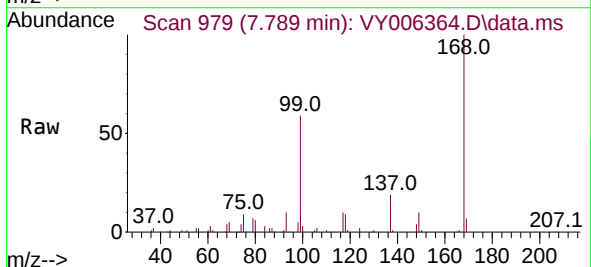
Instrument :
MSVOA_Y
ClientSampleId :

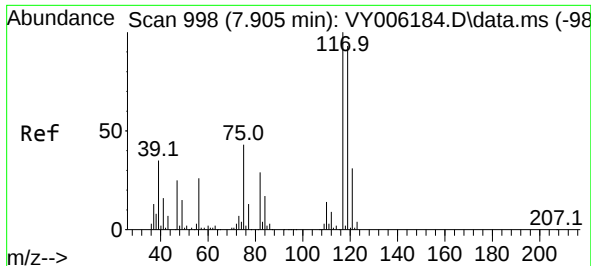
Tgt Ion:113 Resp: 55568
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.569 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

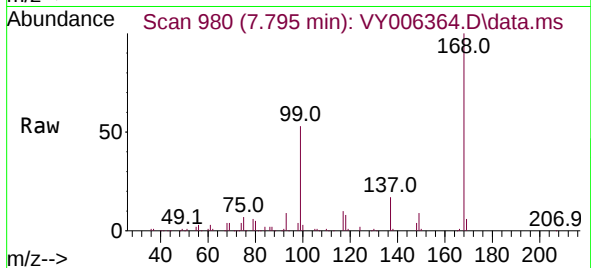
Tgt Ion: 75 Resp: 8351
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.0 24.4 36.6#



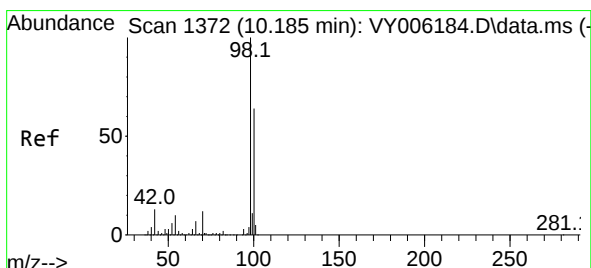
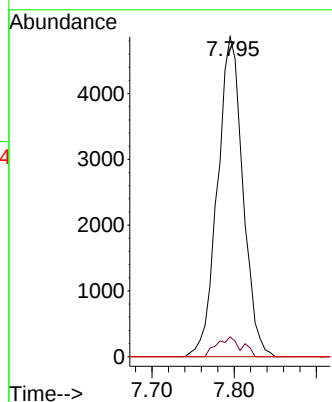
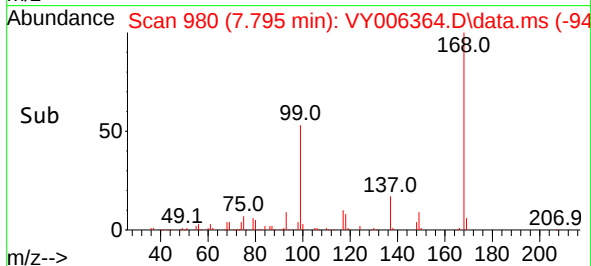


#38
Carbon Tetrachloride
Concen: 5.407 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

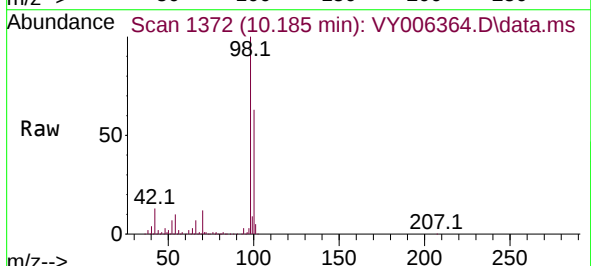
Instrument :
MSVOA_Y
ClientSampleId :



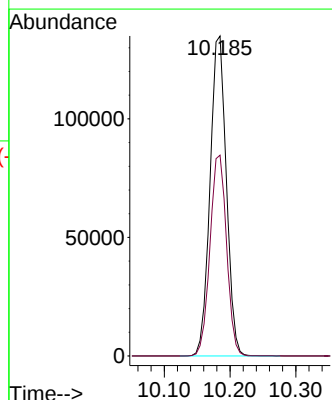
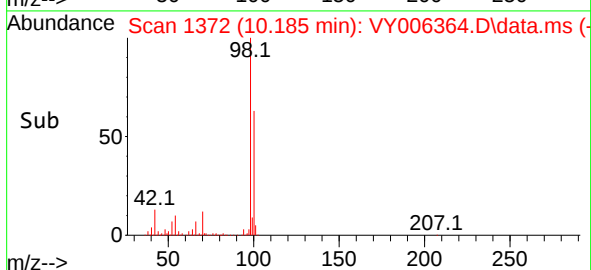
Tgt Ion:117 Resp: 10436
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#

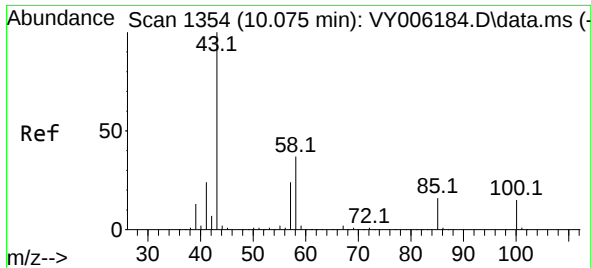


#50
Toluene-d8
Concen: 56.584 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55



Tgt Ion: 98 Resp: 232441
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

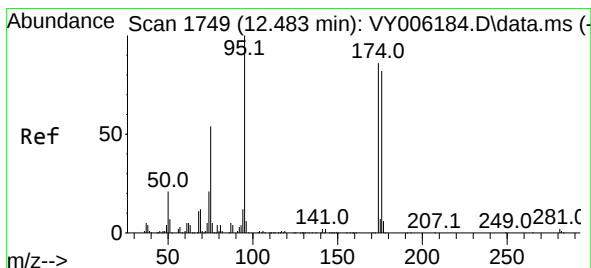
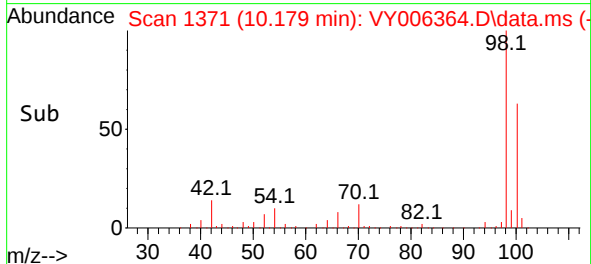
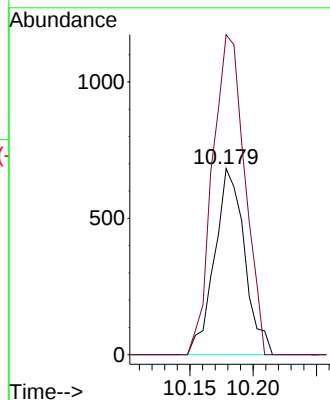
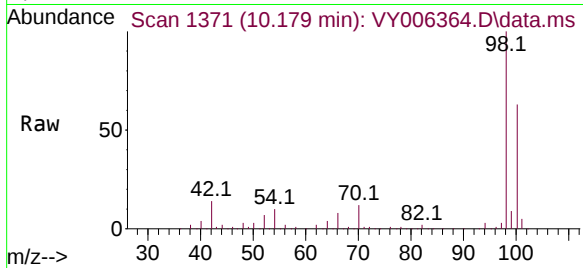




#51
4-Methyl-2-Pentanone
Concen: 1.059 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

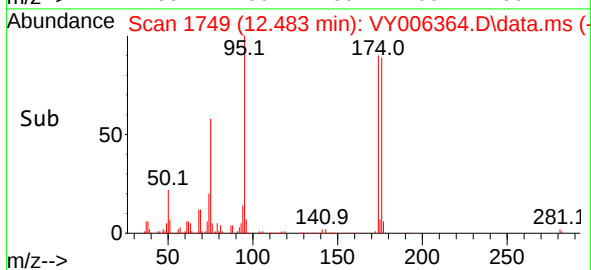
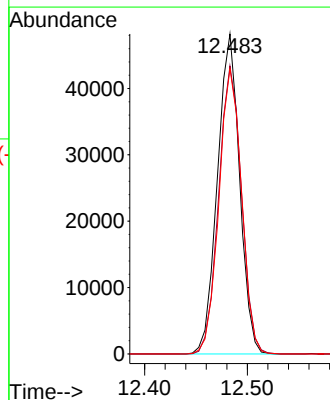
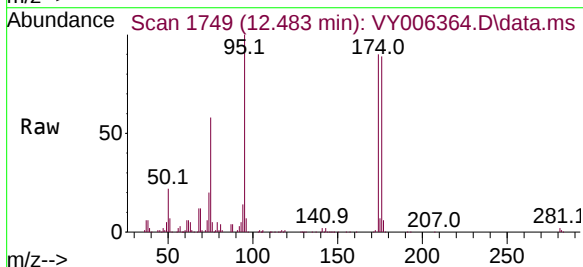
Instrument :
MSVOA_Y
ClientSampled :

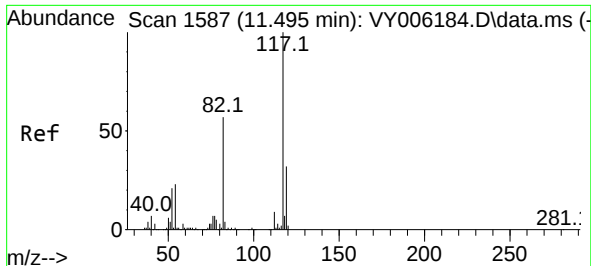
Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 184.8 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 51.689 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

Tgt Ion: 95 Resp: 72133
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 90.7 0.0 175.8

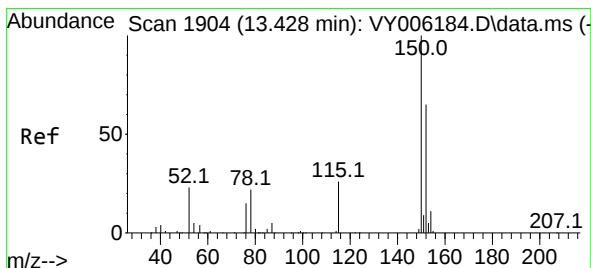
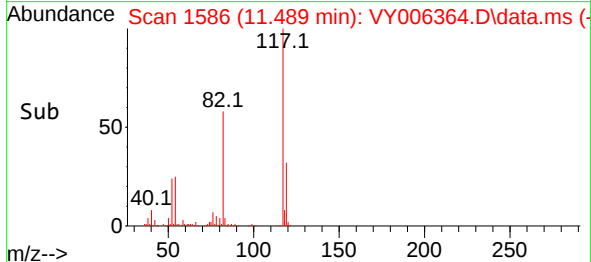
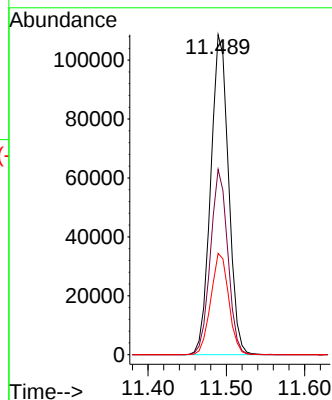
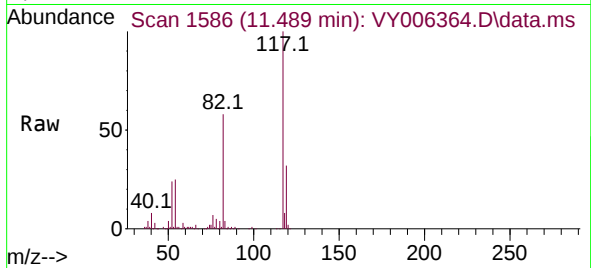




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

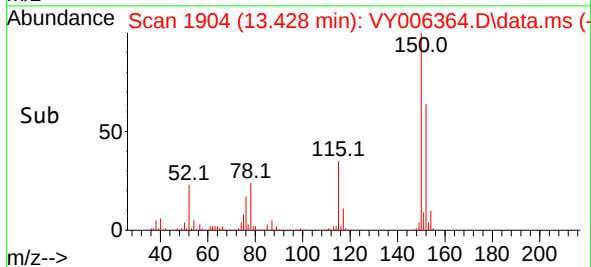
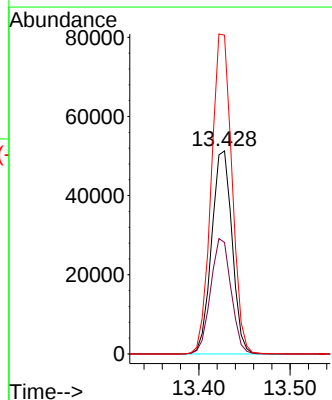
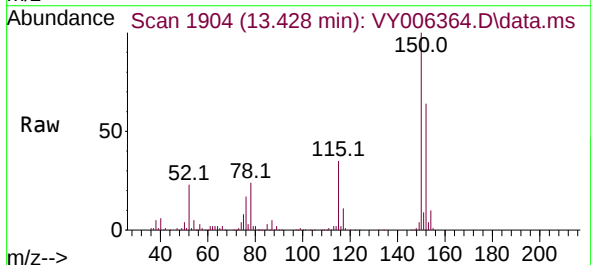
Instrument :
MSVOA_Y
ClientSampleId :

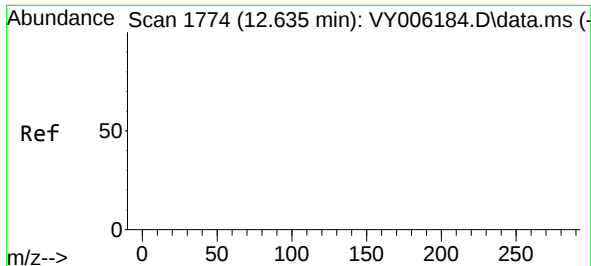
Tgt Ion:117 Resp: 171500
Ion Ratio Lower Upper
117 100
82 57.9 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

Tgt Ion:152 Resp: 79759
Ion Ratio Lower Upper
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115 57.0 28.2 84.7
150 158.8 0.0 347.6

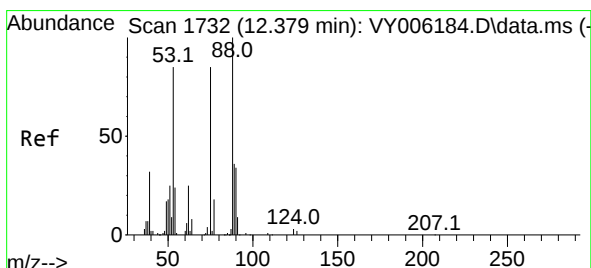
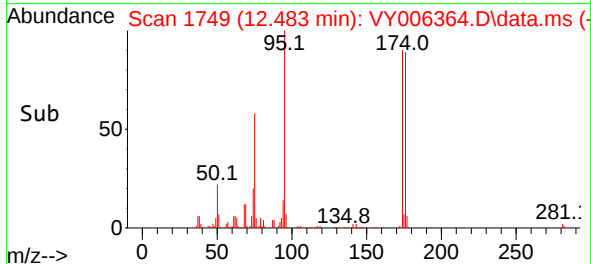
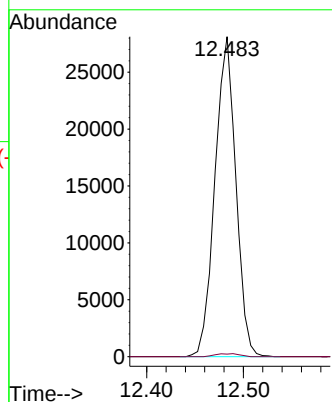
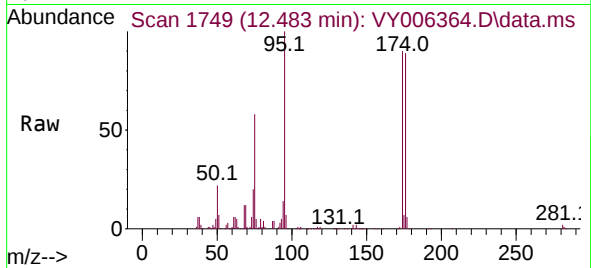




#76
1,2,3-Trichloropropane
Concen: 54.372 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 42150
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.849 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006364.D
Acq: 08 Oct 2021 18:55

Tgt Ion: 75 Resp: 42150
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

