

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006215.D
 Acq On : 29 Sep 2021 16:05
 Operator : SY/MD
 Sample : M3987-01
 Misc : 4.97G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 07:01:46 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)

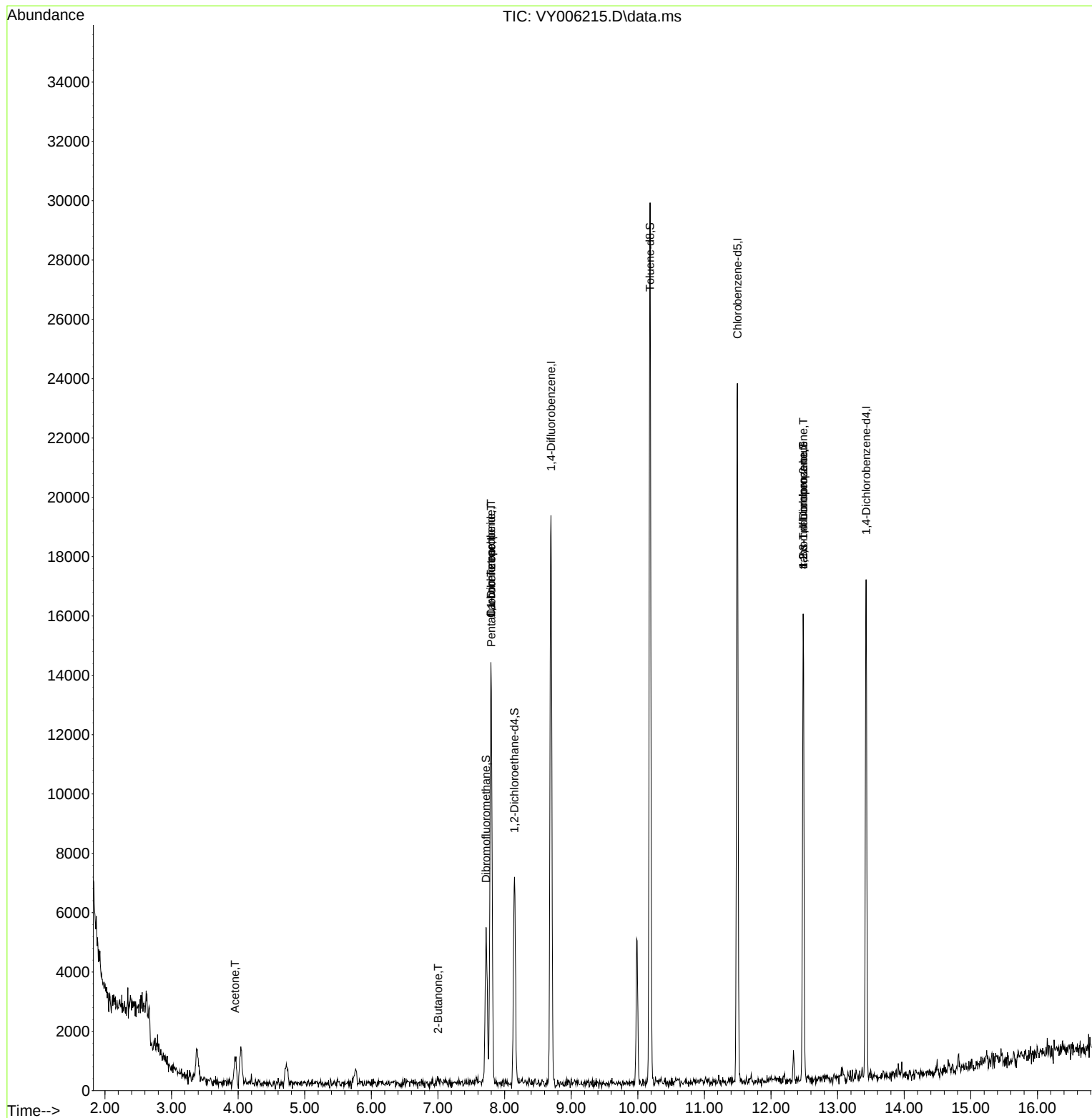
Internal Standards						
1) Pentafluorobenzene	7.801	168	11125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	15864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	12624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5958	50.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.080%	
35) Dibromofluoromethane	7.722	113	3372	39.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.580%	
50) Toluene-d8	10.185	98	19258	54.291	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.580%	
62) 4-Bromofluorobenzene	12.483	95	4581	38.016	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.040%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1742	52.381	ug/l	95
25) 2-Butanone	7.003	43	279	6.023	ug/l #	54
36) 1,1-Dichloropropene	7.795	75	808	5.119	ug/l #	42
38) Carbon Tetrachloride	7.795	117	1266	7.596	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2447	59.490	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2447	116.907	ug/l #	7

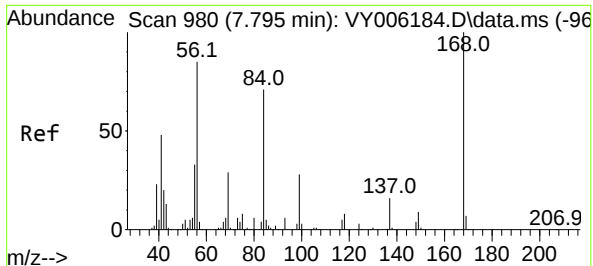
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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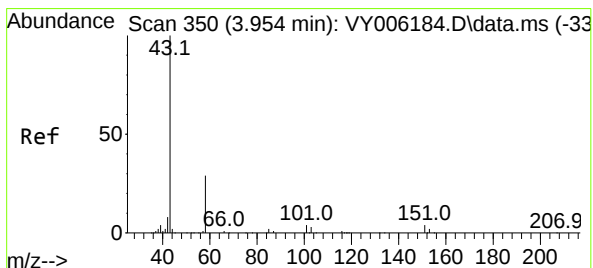
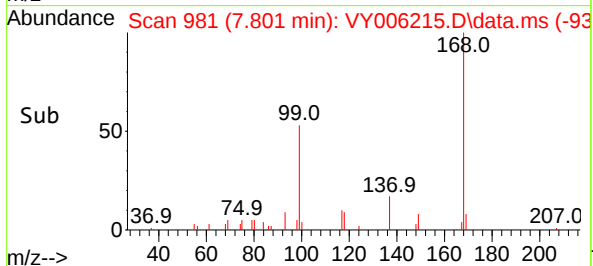
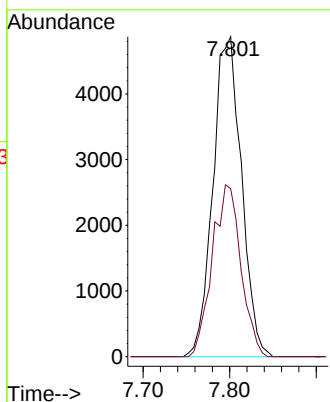
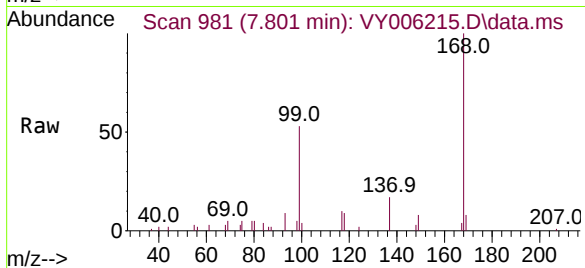




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006215.D
Acq: 29 Sep 2021 16:05

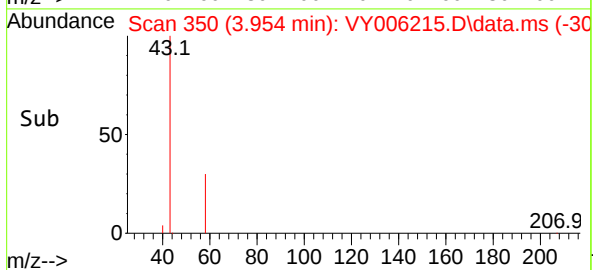
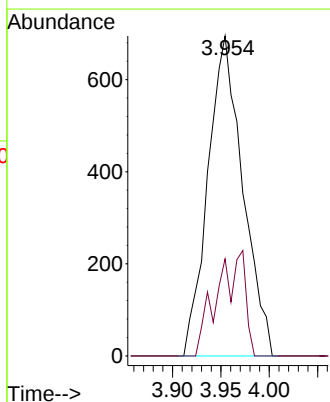
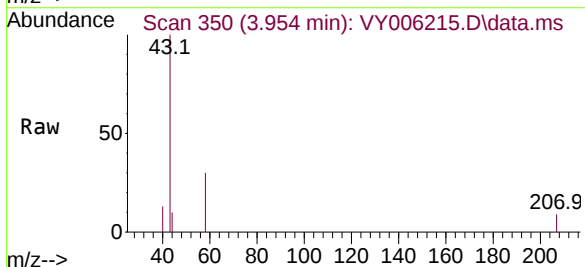
Instrument :
MSVOA_Y
ClientSampleId :

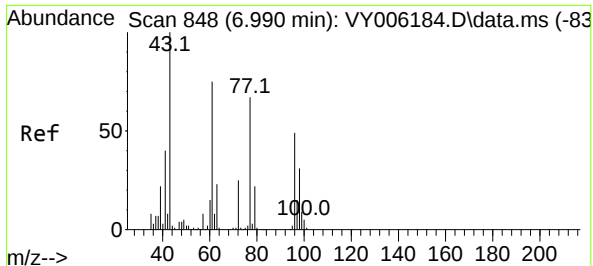
Tgt Ion:168 Resp: 11125
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#16
Acetone
Concen: 52.381 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006215.D
Acq: 29 Sep 2021 16:05

Tgt Ion: 43 Resp: 1742
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0





#25

2-Butanone

Concen: 6.023 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY006215.D

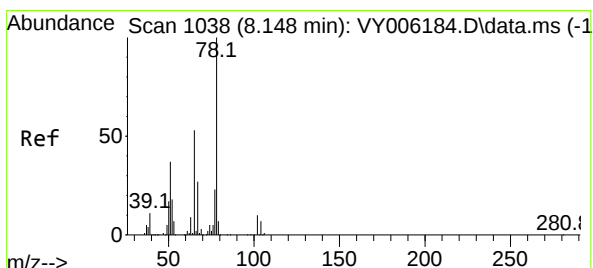
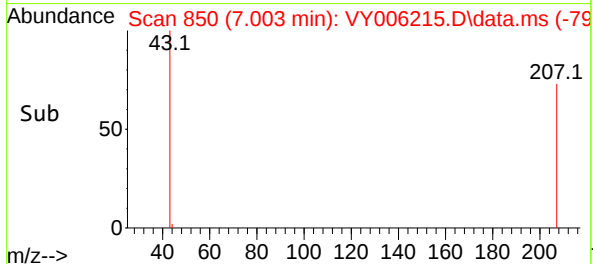
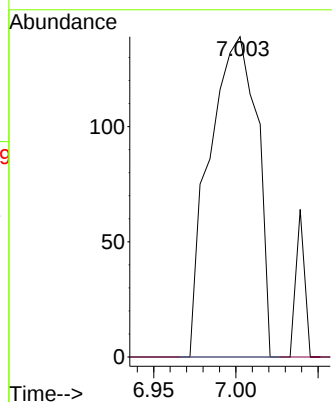
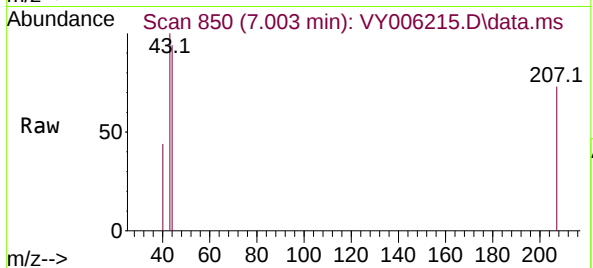
Acq: 29 Sep 2021 16:05

Tgt Ion: 43 Resp: 279

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 50.038 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006215.D

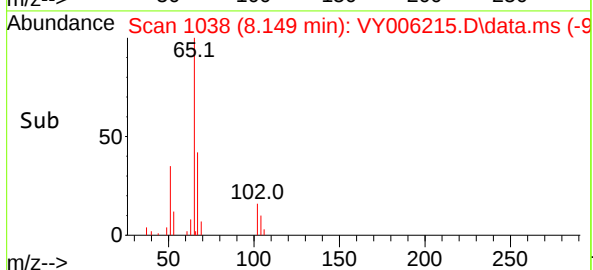
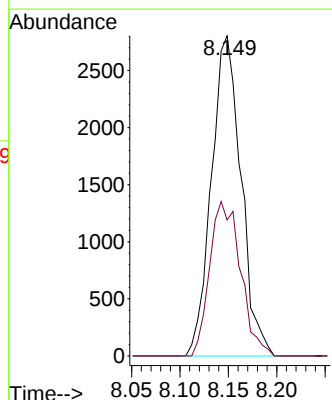
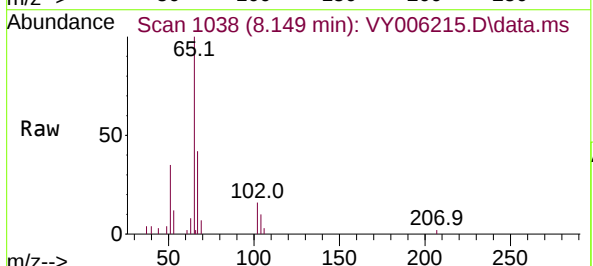
Acq: 29 Sep 2021 16:05

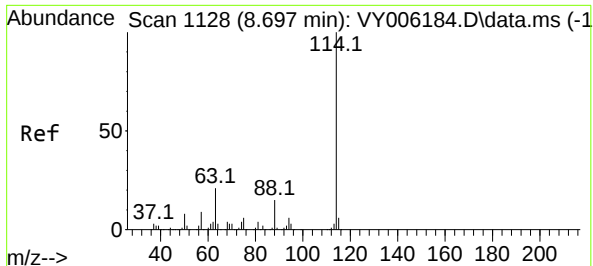
Tgt Ion: 65 Resp: 5958

Ion Ratio Lower Upper

65 100

67 50.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

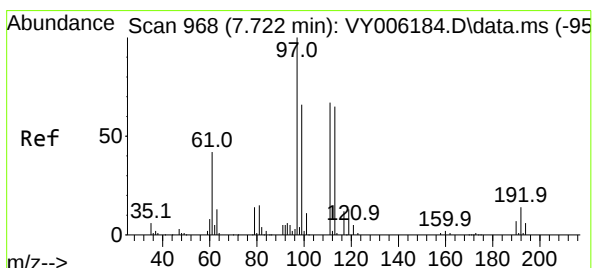
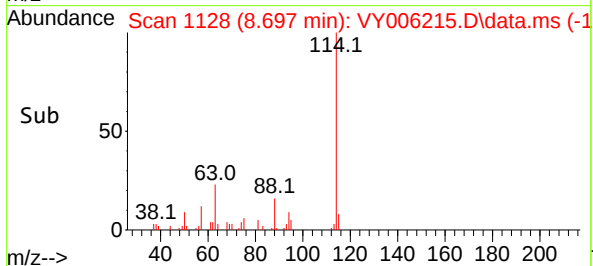
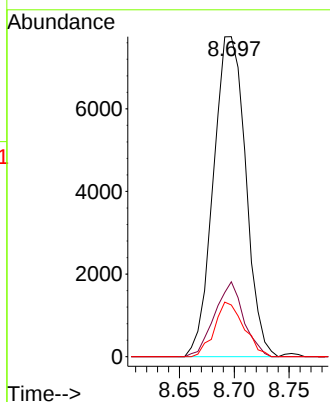
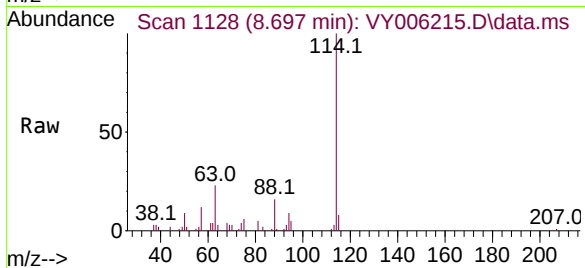
Delta R.T. 0.000 min

Lab File: VY006215.D

Acq: 29 Sep 2021 16:05

Tgt Ion:	114	Resp:	15864
Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	43.2
88	16.1	0.0	31.8

Instrument :
MSVOA_Y
ClientSampleId :



#35

Dibromofluoromethane

Concen: 39.785 ug/l

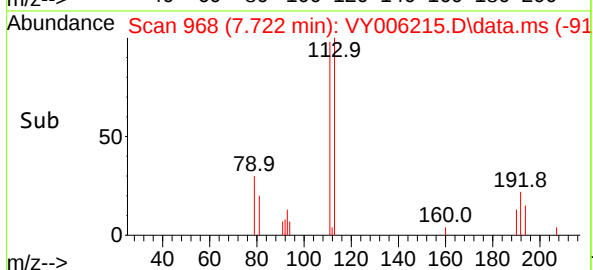
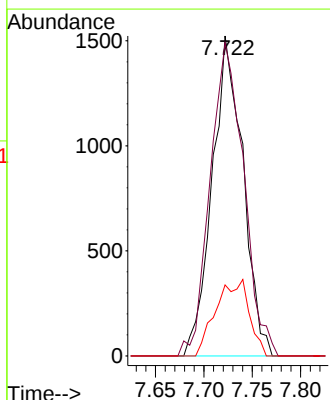
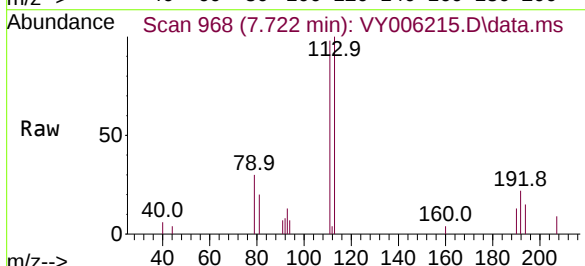
RT: 7.722 min Scan# 968

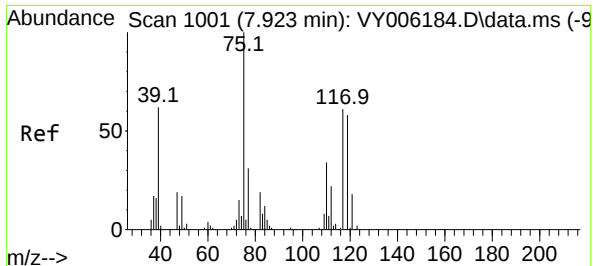
Delta R.T. 0.000 min

Lab File: VY006215.D

Acq: 29 Sep 2021 16:05

Tgt Ion:	113	Resp:	3372
Ion	Ratio	Lower	Upper
113	100		
111	106.5	82.6	124.0
192	25.7	17.6	26.4





#36

1,1-Dichloropropene

Concen: 5.119 ug/l

RT: 7.795 min Scan# 980

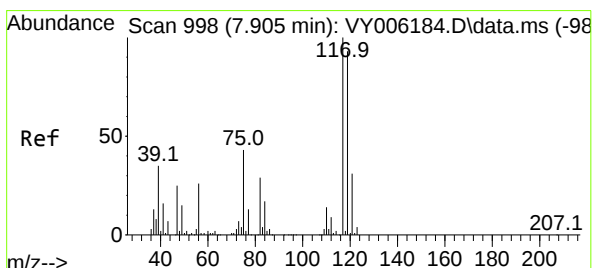
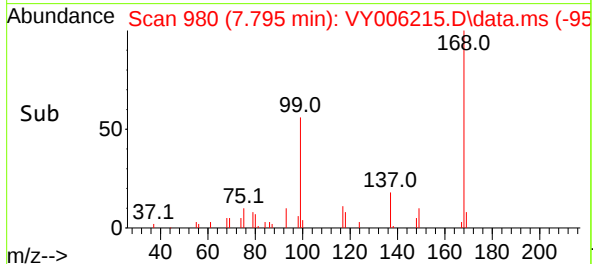
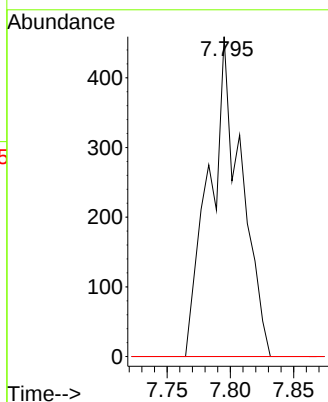
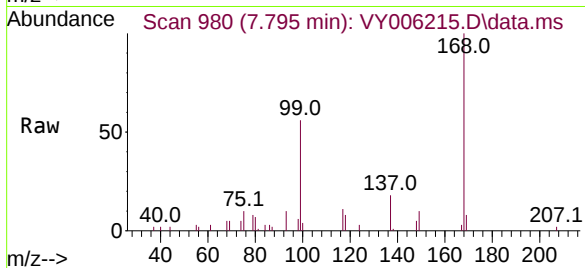
Delta R.T. -0.128 min

Lab File: VY006215.D

Acq: 29 Sep 2021 16:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75	Resp:	808
Ion Ratio	Lower	Upper
75	100	
110	0.0	17.1
77	0.0	24.4



#38

Carbon Tetrachloride

Concen: 7.596 ug/l

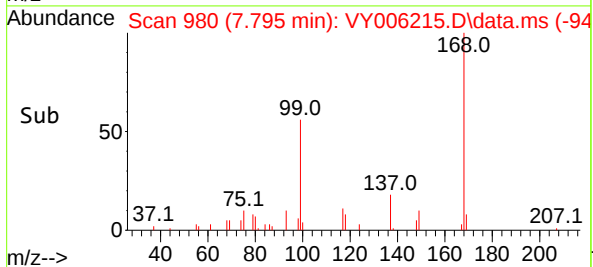
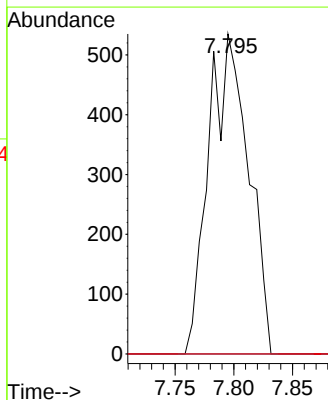
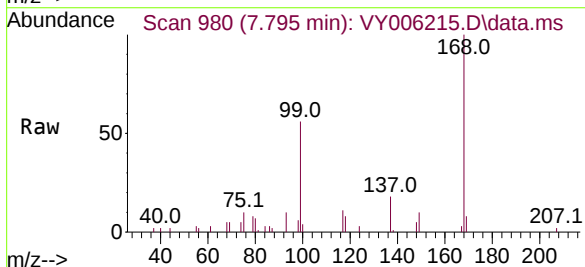
RT: 7.795 min Scan# 980

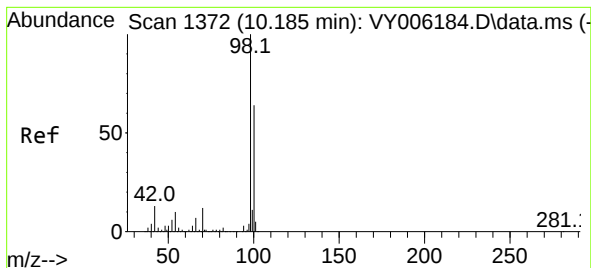
Delta R.T. -0.110 min

Lab File: VY006215.D

Acq: 29 Sep 2021 16:05

Tgt Ion: 117	Resp:	1266
Ion Ratio	Lower	Upper
117	100	
119	0.0	77.9
121	0.0	24.8

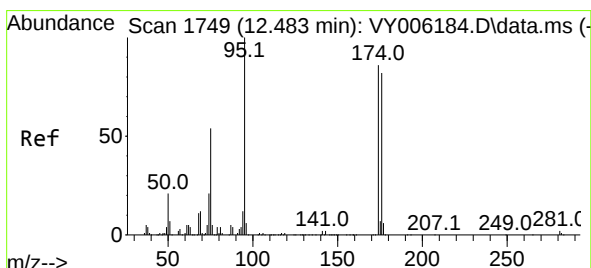
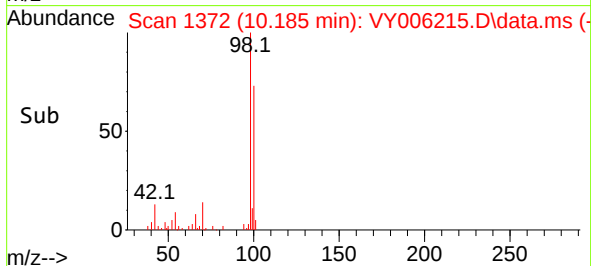
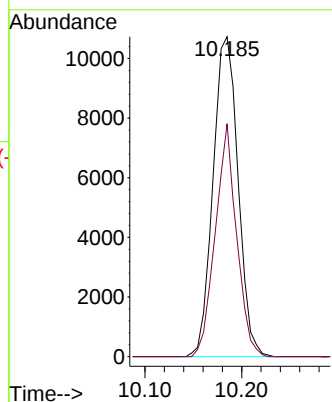
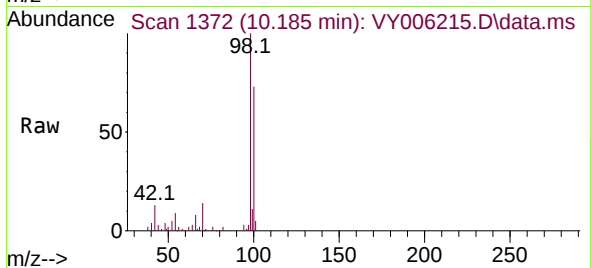




#50
Toluene-d8
Concen: 54.291 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006215.D
Acq: 29 Sep 2021 16:05

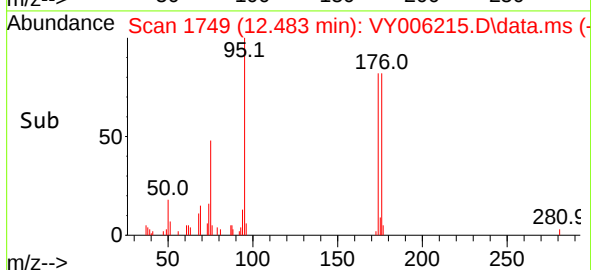
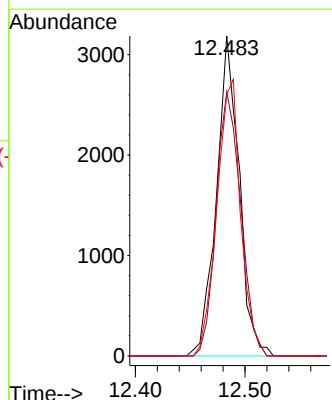
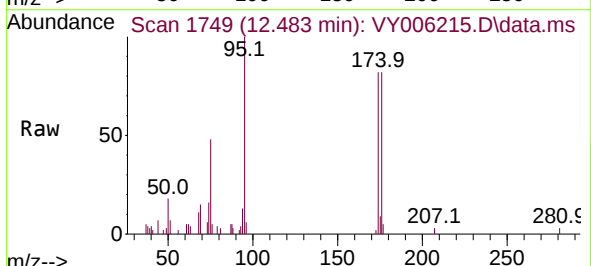
Instrument :
MSVOA_Y
ClientSampled :

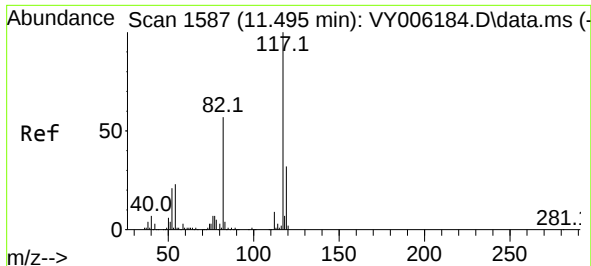
Tgt Ion: 98 Resp: 19258
Ion Ratio Lower Upper
98 100
100 62.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.016 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006215.D
Acq: 29 Sep 2021 16:05

Tgt Ion: 95 Resp: 4581
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 90.5 0.0 175.8

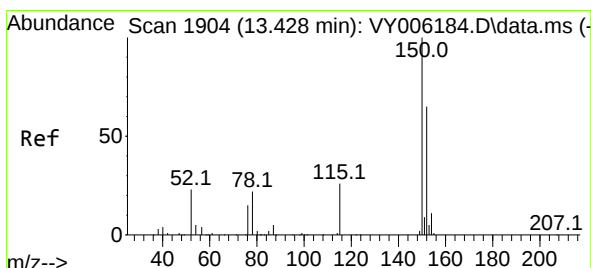
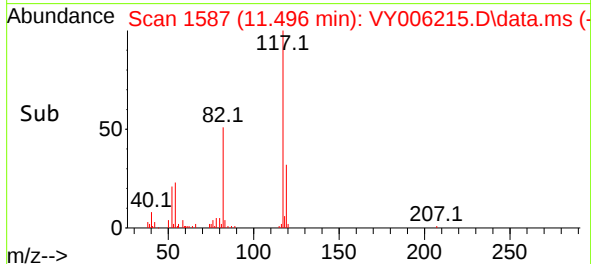
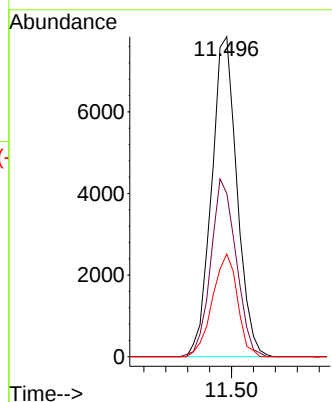
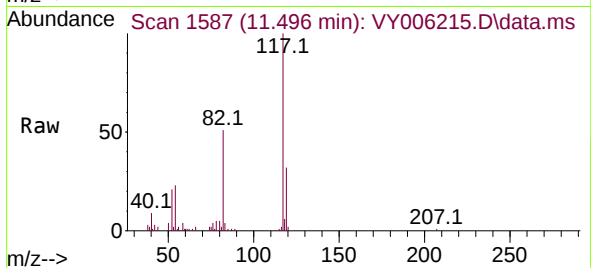




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006215.D
Acq: 29 Sep 2021 16:05

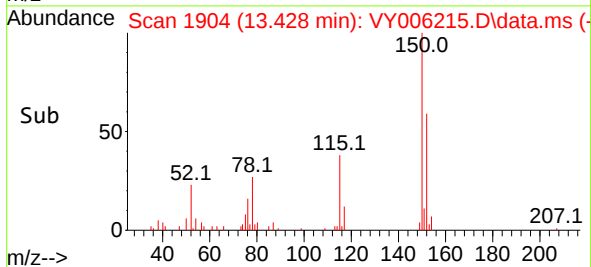
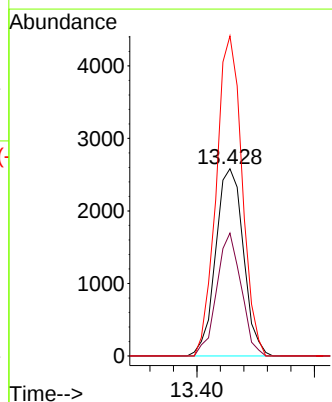
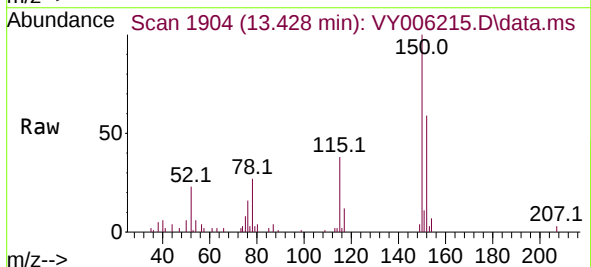
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	117	Resp:	12624
Ion Ratio	Lower	Upper	
117	100		
82	51.0	43.0	64.4
119	32.1	25.4	38.0

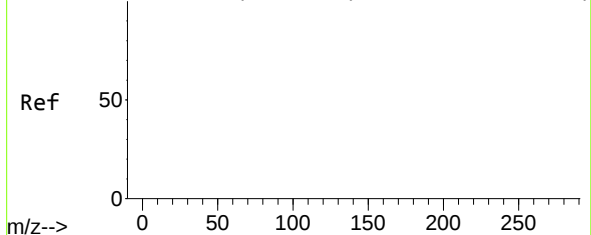


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006215.D
Acq: 29 Sep 2021 16:05

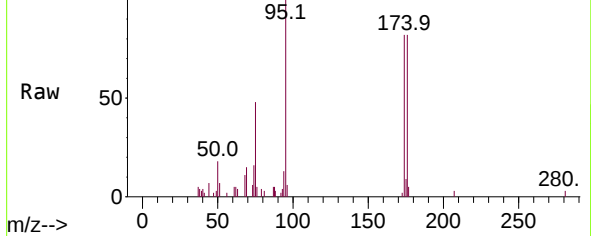
Tgt Ion:	152	Resp:	4232
Ion Ratio	Lower	Upper	
152	100		
115	57.8	28.2	84.7
150	159.2	0.0	347.6



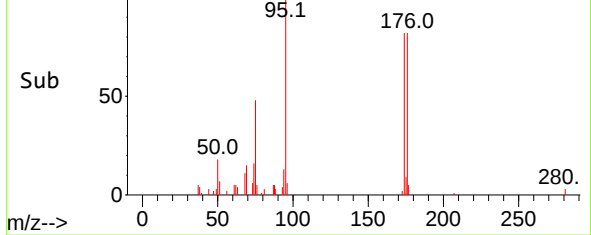
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



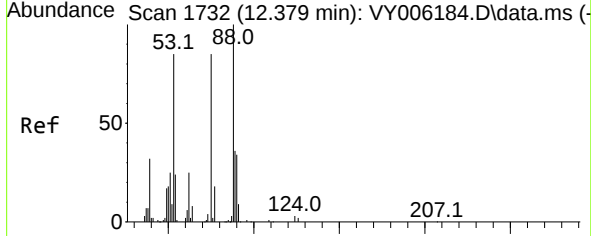
Ref 50



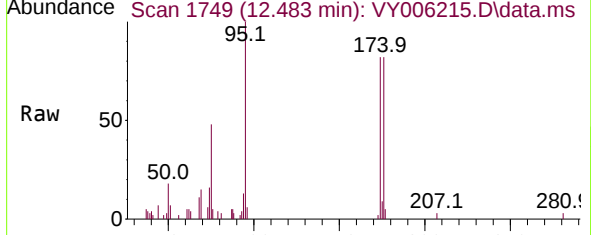
Raw 50



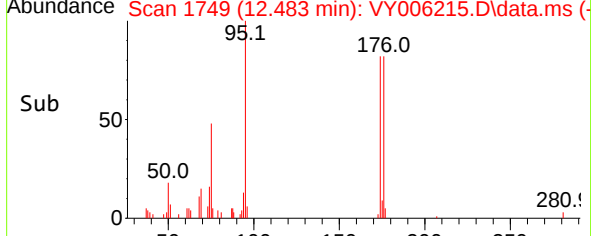
Sub 50



Ref 50



Raw 50



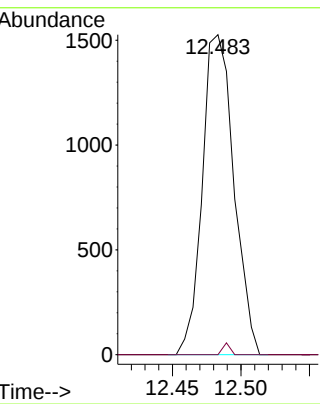
Sub 50



m/z-->

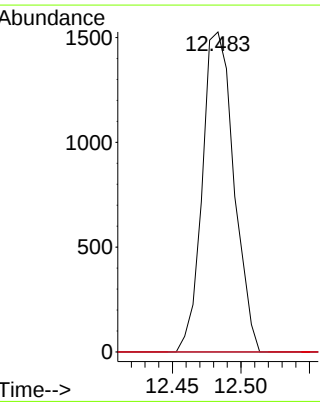
#76
1,2,3-Trichloropropane
Concen: 59.490 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006215.D
Acq: 29 Sep 2021 16:05

Tgt Ion: 75 Resp: 2447
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.907 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006215.D
Acq: 29 Sep 2021 16:05

Tgt Ion: 75 Resp: 2447
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



Instrument :
MSVOA_Y
ClientSampled :