

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082521\
 Data File : VY005843.D
 Acq On : 25 Aug 2021 16:25
 Operator : SY/MD
 Sample : M3524-08
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-6D

Quant Time: Aug 26 03:38:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

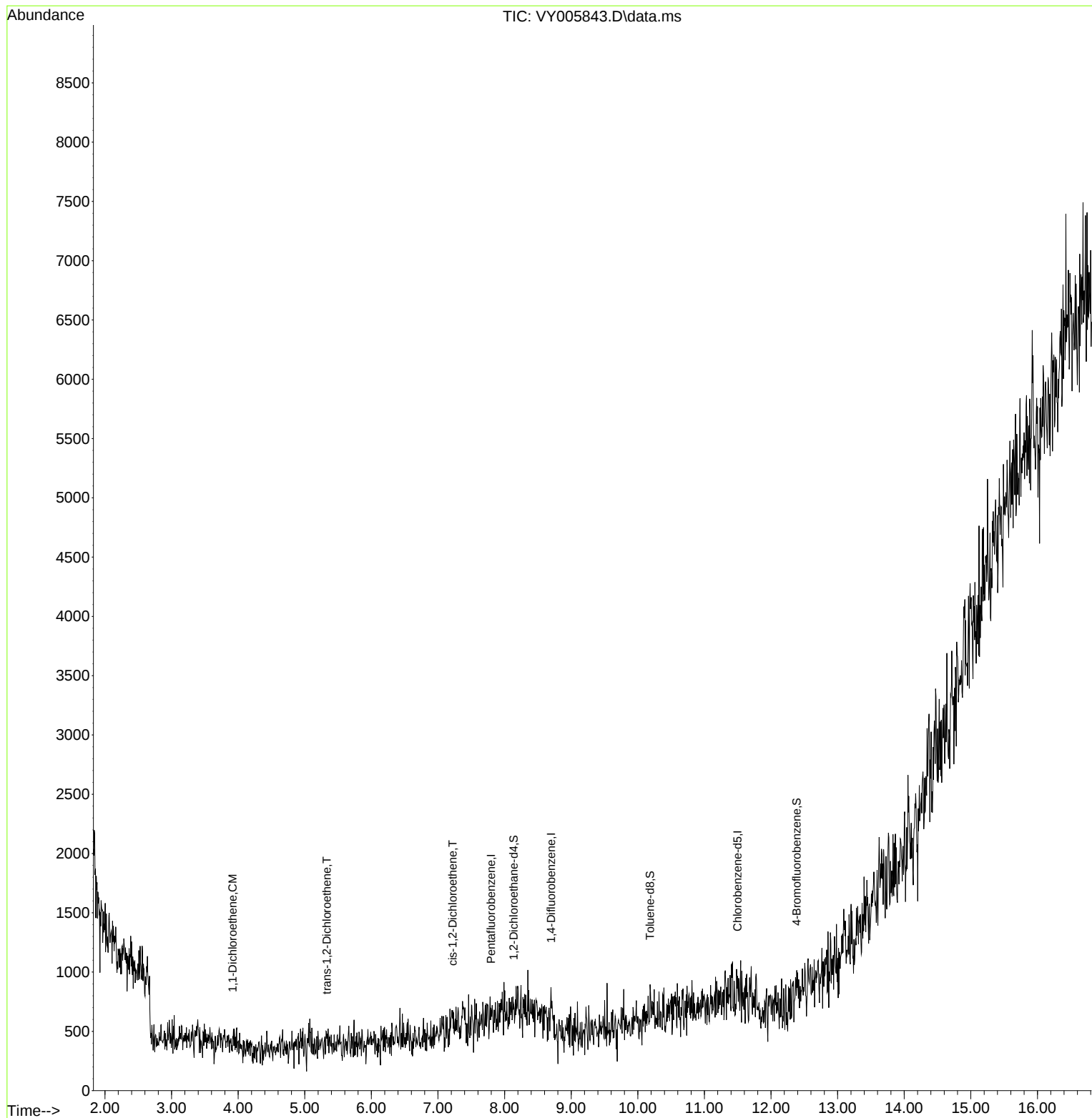
Internal Standards						
1) Pentafluorobenzene	7.795	168	182	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	57	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20	10.856	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.720%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.185	98	90	12.246	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	24.500%#
62) 4-Bromofluorobenzene	12.385	95	20	8.218	ug/l	-0.10
Spiked Amount	50.000	Range	25 - 144	Recovery	=	16.440%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.917	96	21	13.389	ug/l #	1
21) trans-1,2-Dichloroethene	5.332	96	26	14.827	ug/l #	1
27) cis-1,2-Dichloroethene	7.222	96	21	10.529	ug/l #	1

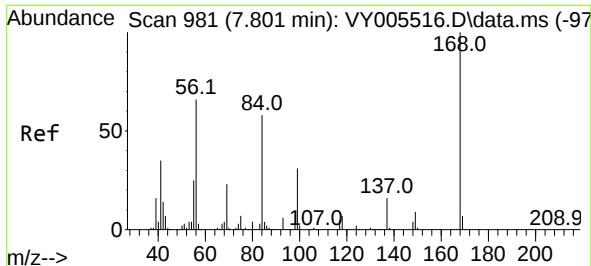
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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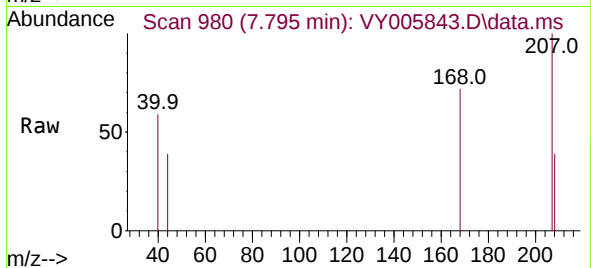
Quant Time: Aug 26 03:38:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
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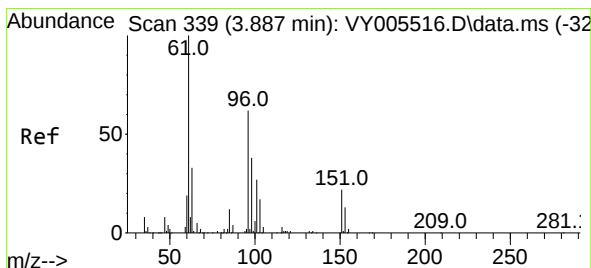
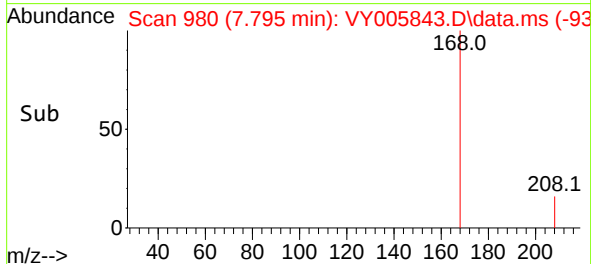
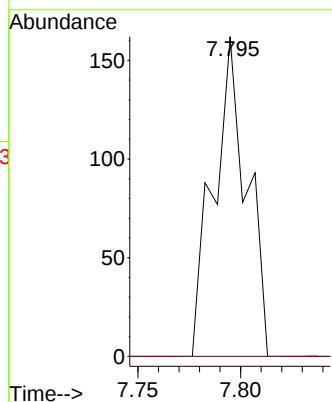


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005843.D
Acq: 25 Aug 2021 16:25

Instrument :
MSVOA_Y
ClientSampleId :
PE-6D

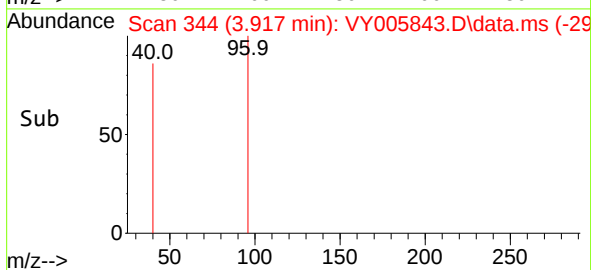
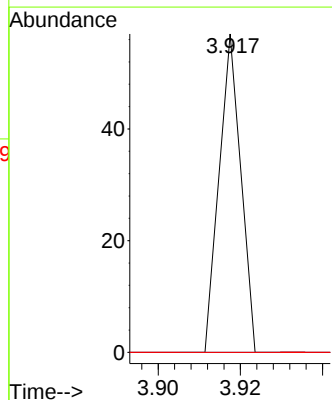
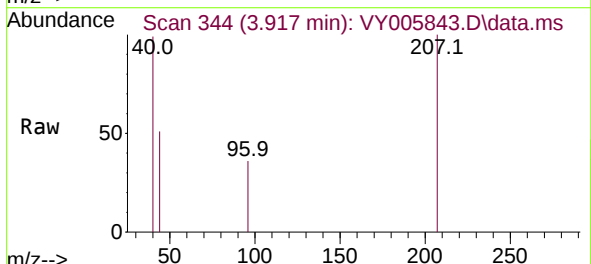


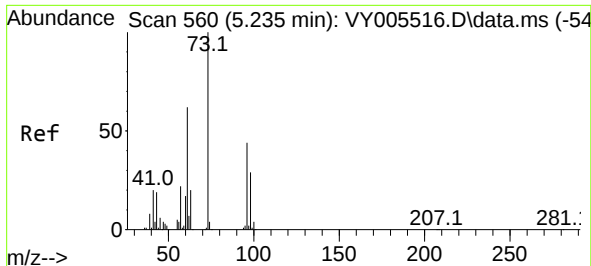
Tgt Ion:168 Resp: 182
Ion Ratio Lower Upper
168 100
99 0.0 38.9 58.3#



#12
1,1-Dichloroethene
Concen: 13.389 ug/l
RT: 3.917 min Scan# 344
Delta R.T. 0.030 min
Lab File: VY005843.D
Acq: 25 Aug 2021 16:25

Tgt Ion: 96 Resp: 21
Ion Ratio Lower Upper
96 100
61 0.0 128.6 192.8#
98 0.0 49.2 73.8#

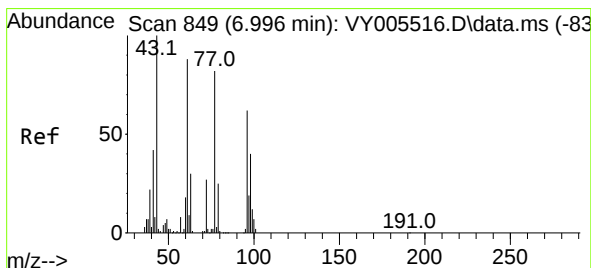
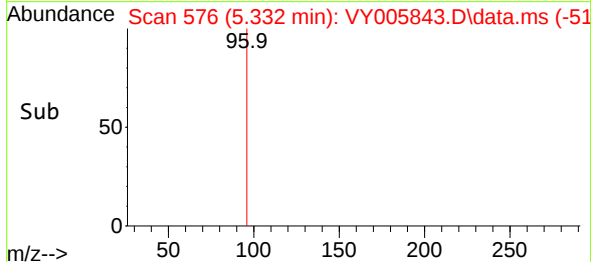
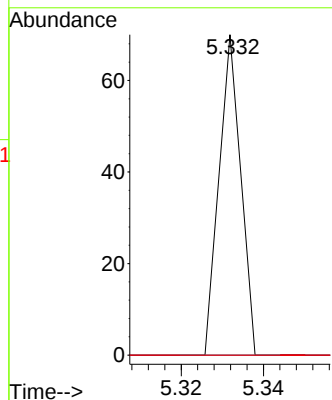
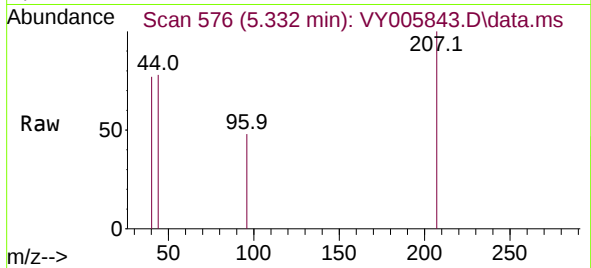




#21
trans-1,2-Dichloroethene
Concen: 14.827 ug/l
RT: 5.332 min Scan# 576
Delta R.T. 0.097 min
Lab File: VY005843.D
Acq: 25 Aug 2021 16:25

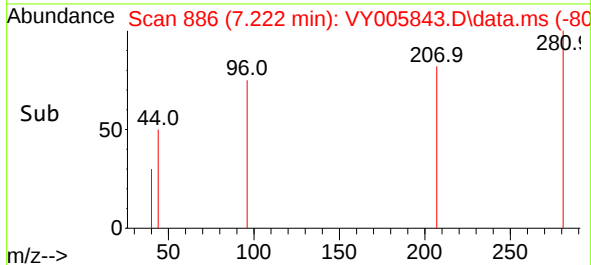
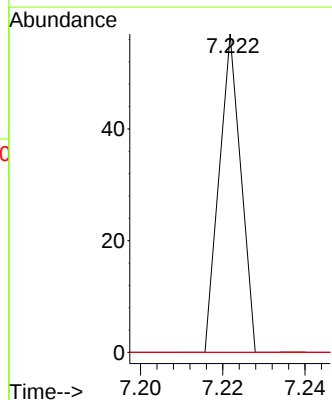
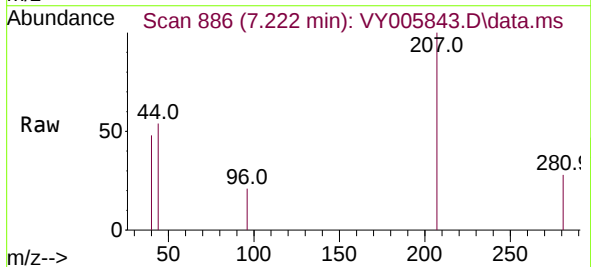
Instrument :
MSVOA_Y
ClientSampleId :
PE-6D

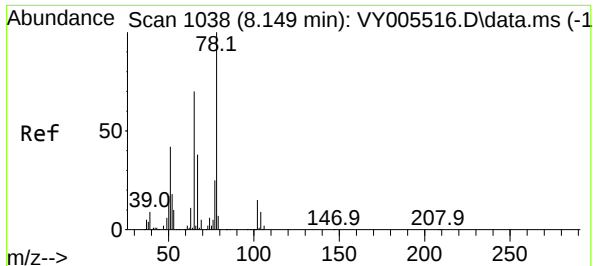
Tgt Ion: 96 Resp: 26
Ion Ratio Lower Upper
96 100
61 0.0 112.6 168.8#
98 0.0 52.2 78.4#



#27
cis-1,2-Dichloroethene
Concen: 10.529 ug/l
RT: 7.222 min Scan# 886
Delta R.T. 0.225 min
Lab File: VY005843.D
Acq: 25 Aug 2021 16:25

Tgt Ion: 96 Resp: 21
Ion Ratio Lower Upper
96 100
61 0.0 0.0 290.0
98 0.0 0.0 128.0

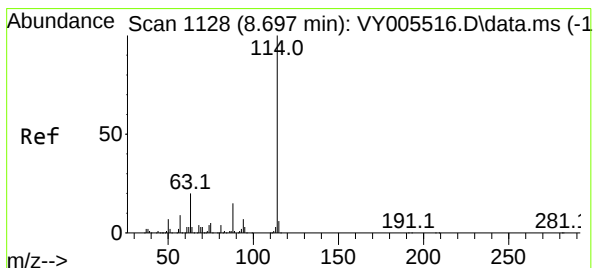
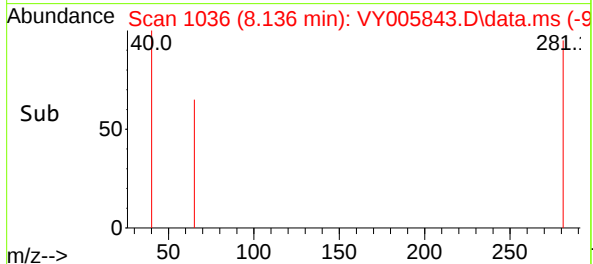
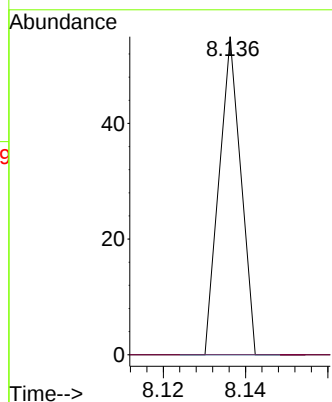
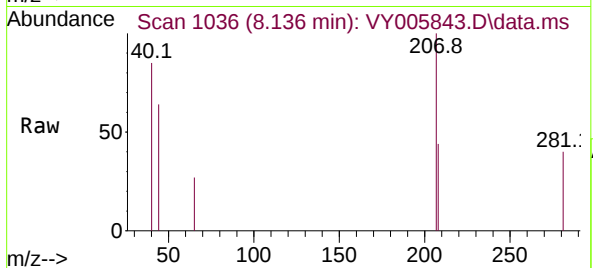




#33
1,2-Dichloroethane-d4
Concen: 10.856 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY005843.D
Acq: 25 Aug 2021 16:25

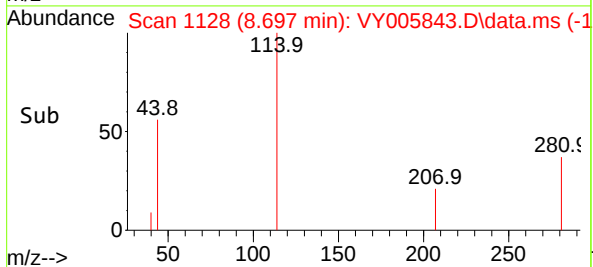
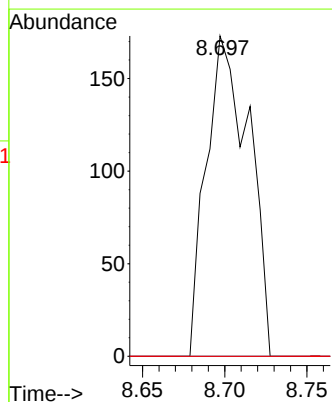
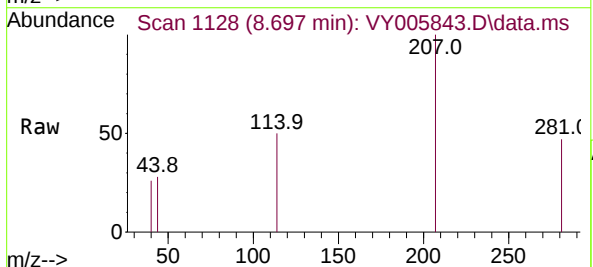
Instrument :
MSVOA_Y
ClientSampled :
PE-6D

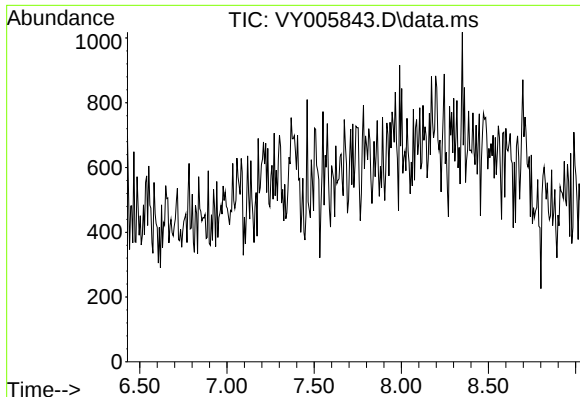
Tgt Ion: 65 Resp: 20
Ion Ratio Lower Upper
65 100
67 0.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005843.D
Acq: 25 Aug 2021 16:25

Tgt Ion: 114 Resp: 313
Ion Ratio Lower Upper
114 100
63 0.0 0.0 39.2
88 0.0 0.0 30.8



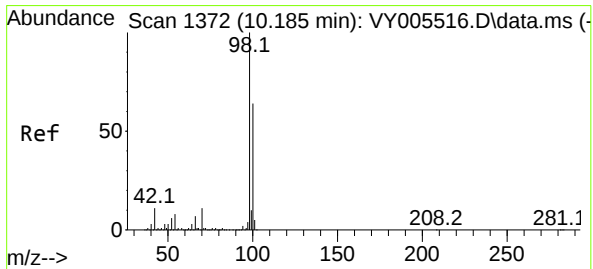
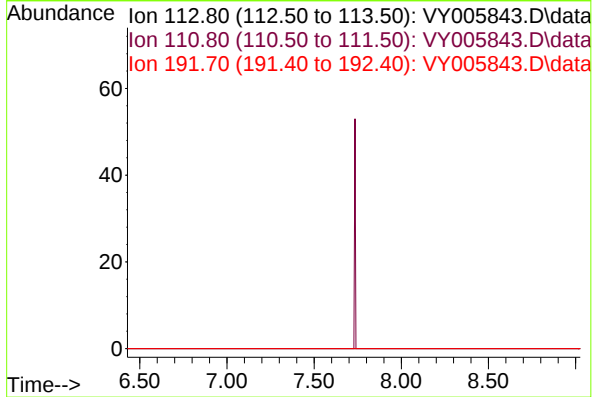


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.73 min
 Lab File: VY005843.D
 Acq: 25 Aug 2021 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-6D

Tgt Ion: 113

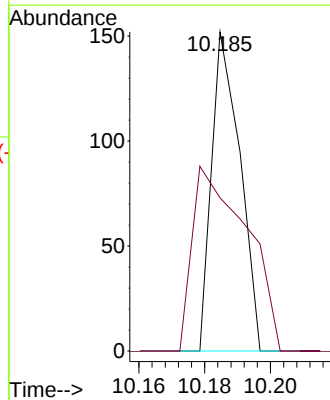
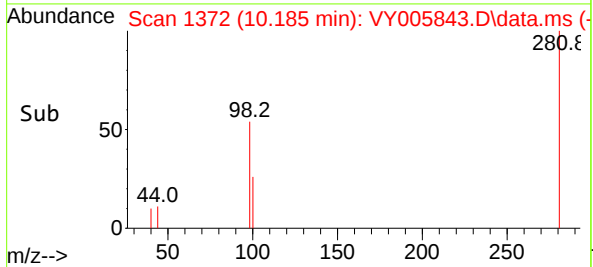
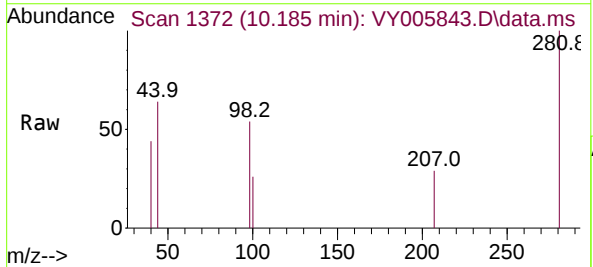
Sig	Exp Ratio
113	100
111	102.4
192	24.0

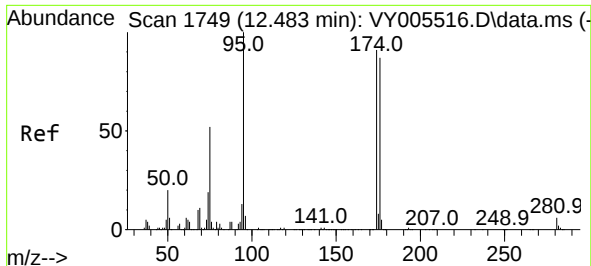


#50
 Toluene-d8
 Concen: 12.246 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.000 min
 Lab File: VY005843.D
 Acq: 25 Aug 2021 16:25

Tgt Ion: 98 Resp: 90

Ion	Ratio	Lower	Upper
98	100		
100	112.2	51.3	76.9

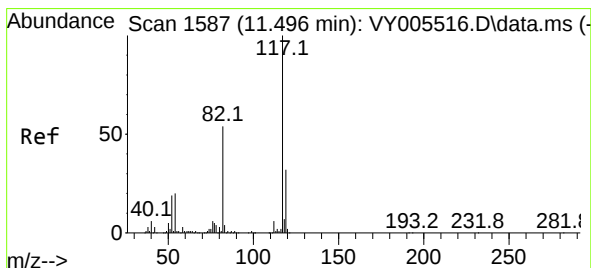
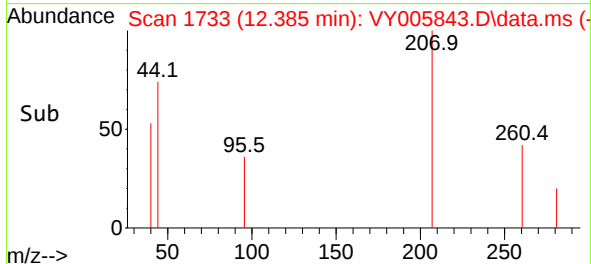
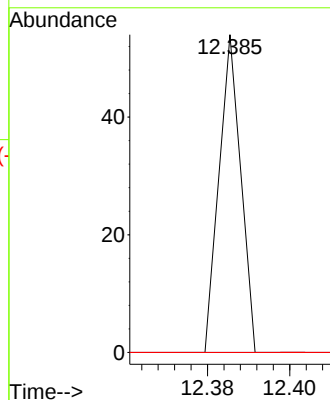
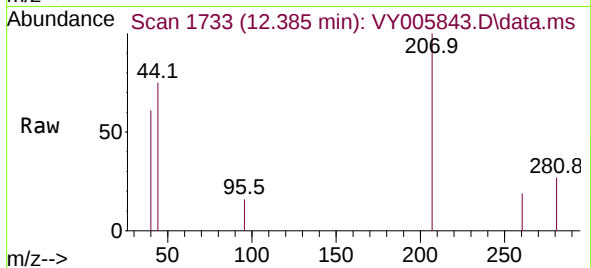




#62
4-Bromofluorobenzene
Concen: 8.218 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. -0.098 min
Lab File: VY005843.D
Acq: 25 Aug 2021 16:25

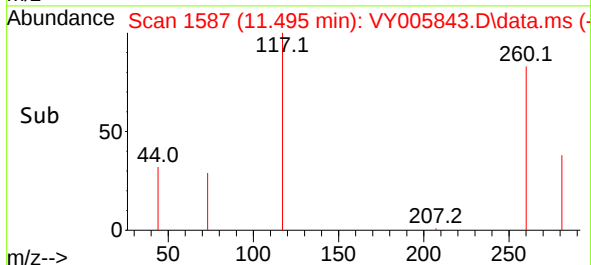
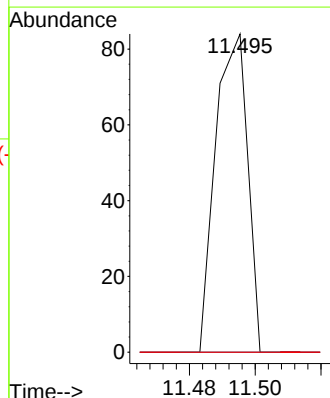
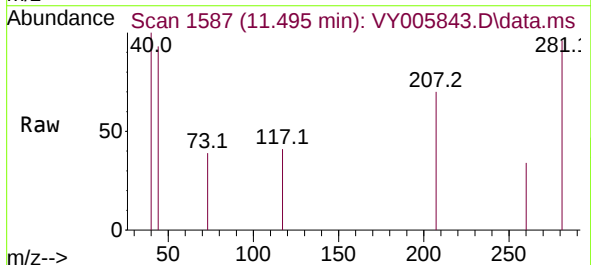
Instrument :
MSVOA_Y
ClientSampled :
PE-6D

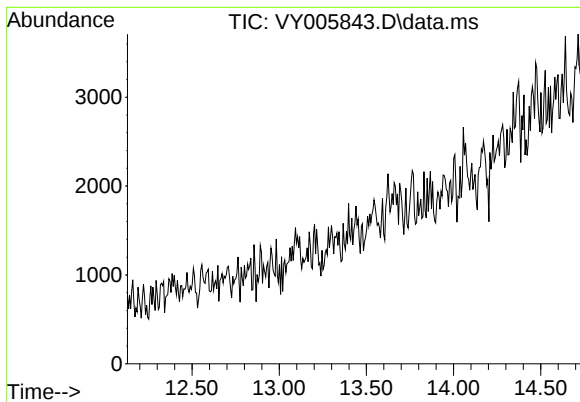
Tgt Ion: 95 Resp: 20
Ion Ratio Lower Upper
95 100
174 0.0 0.0 191.4
176 0.0 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005843.D
Acq: 25 Aug 2021 16:25

Tgt Ion: 117 Resp: 57
Ion Ratio Lower Upper
117 100
82 0.0 43.5 65.3#
119 0.0 25.5 38.3#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min

Lab File: VY005843.D
Acq: 25 Aug 2021 16:25

Instrument :
MSVOA_Y
ClientSampleId :
PE-6D

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	54.6
150	175.1

