

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006564.D
 Acq On : 01 Nov 2021 20:03
 Operator : SY/MD
 Sample : M4424-09
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 03:32:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

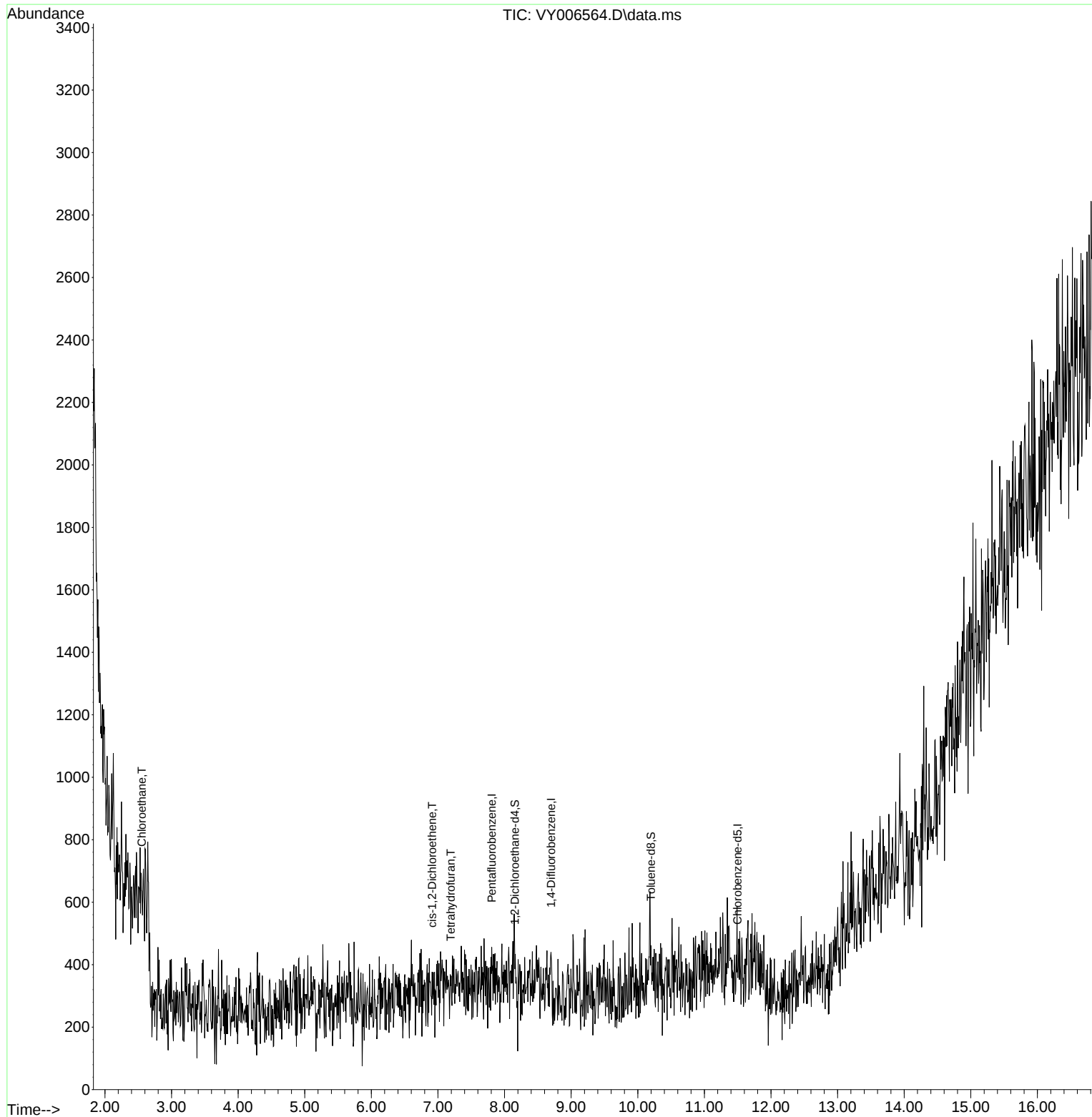
Internal Standards						
1) Pentafluorobenzene	7.807	168	60	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.697	114	243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	60	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	104	140.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	281.720%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.197	98	304	52.947	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.900%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
6) Chloroethane	2.552	64	20	40.509	ug/l #	45
27) cis-1,2-Dichloroethene	6.911	96	27	38.501	ug/l #	1
29) Tetrahydrofuran	7.192	42	19	111.189	ug/l #	36

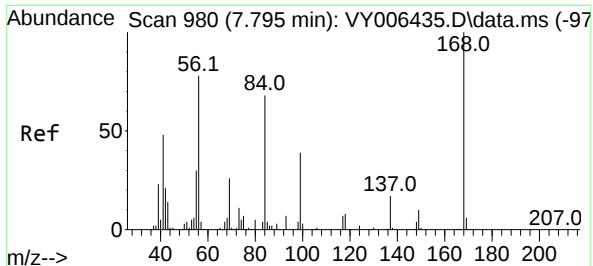
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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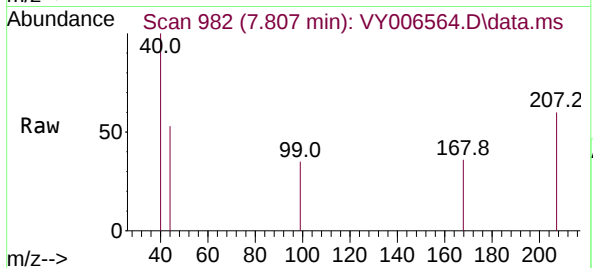
Quant Time: Nov 02 03:32:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
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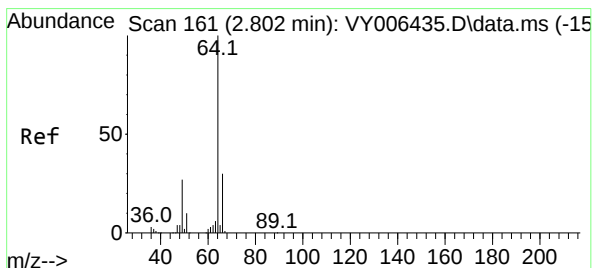
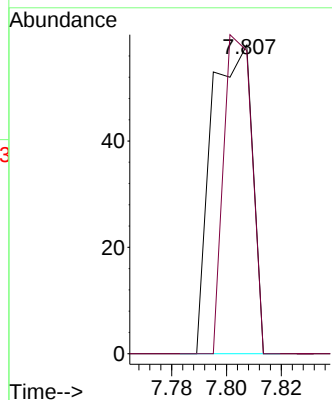
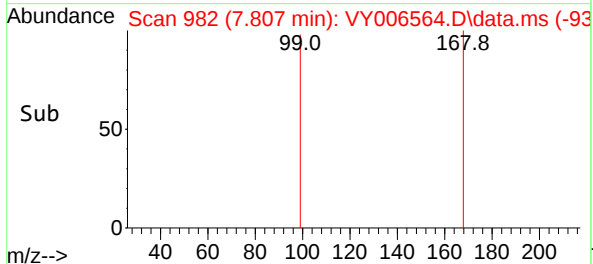


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY006564.D
Acq: 01 Nov 2021 20:03

Instrument :
MSVOA_Y
ClientSampleId :

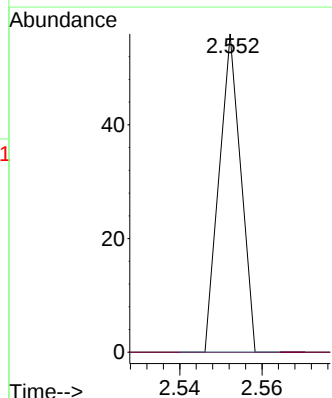
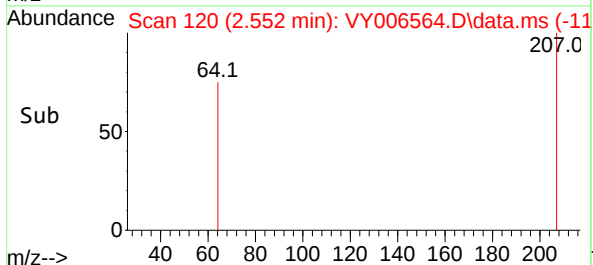
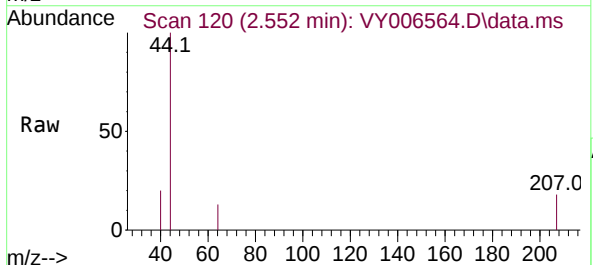


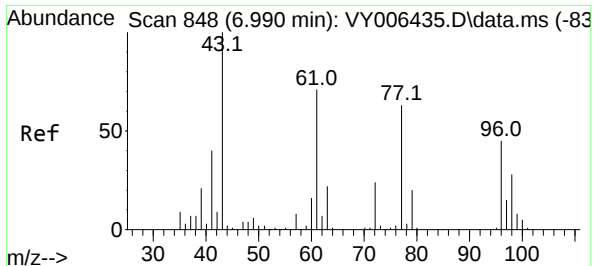
Tgt Ion:168 Resp: 60
Ion Ratio Lower Upper
168 100
99 98.3 44.8 67.2#



#6
Chloroethane
Concen: 40.509 ug/l
RT: 2.552 min Scan# 120
Delta R.T. -0.250 min
Lab File: VY006564.D
Acq: 01 Nov 2021 20:03

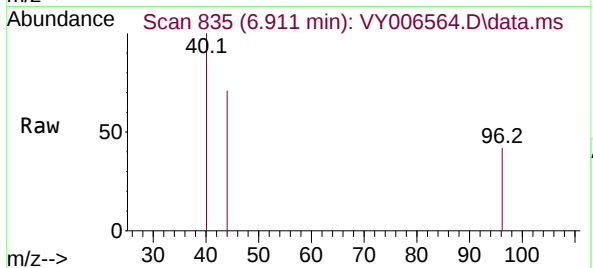
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#



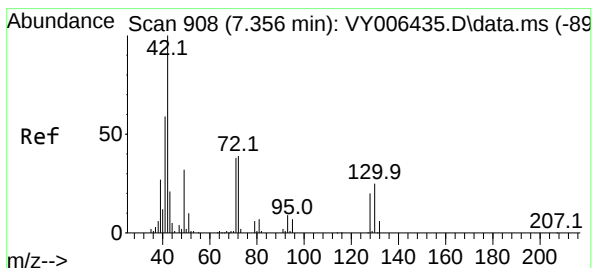
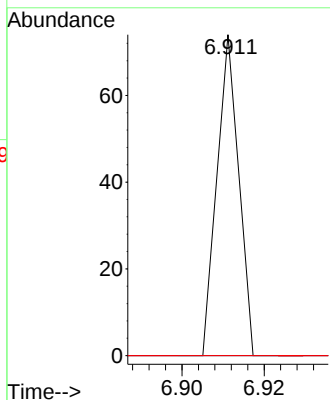
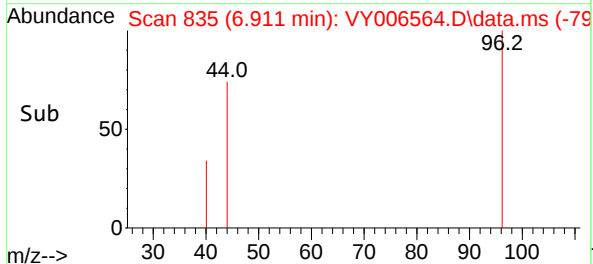


#27
 cis-1,2-Dichloroethene
 Concen: 38.501 ug/l
 RT: 6.911 min Scan# 81
 Delta R.T. -0.079 min
 Lab File: VY006564.D
 Acq: 01 Nov 2021 20:03

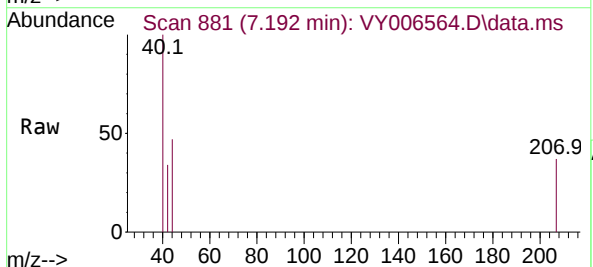
Instrument :
 MSVOA_Y
 ClientSampleId :



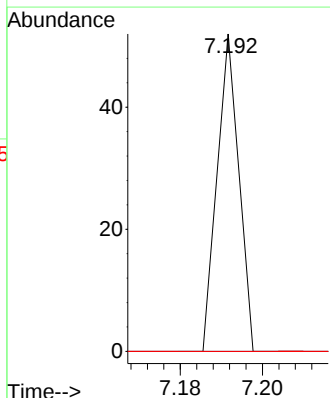
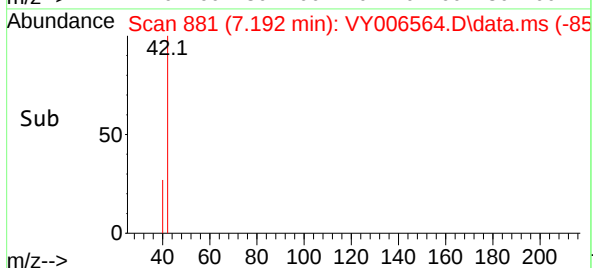
Tgt Ion: 96	Resp:	27	
Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	314.0
98	0.0	0.0	127.8

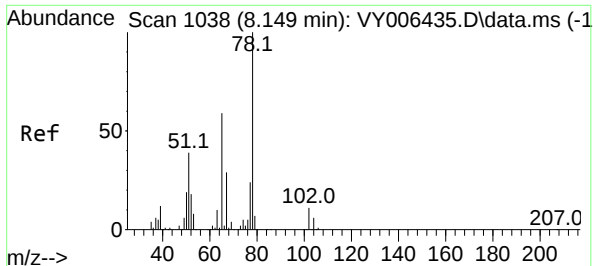


#29
 Tetrahydrofuran
 Concen: 111.189 ug/l
 RT: 7.192 min Scan# 881
 Delta R.T. -0.164 min
 Lab File: VY006564.D
 Acq: 01 Nov 2021 20:03



Tgt Ion: 42	Resp:	19	
Ion Ratio	Lower	Upper	
42 100			
72 0.0	32.0	48.0#	
71 0.0	30.3	45.5#	





#33

1,2-Dichloroethane-d4

Concen: 140.857 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

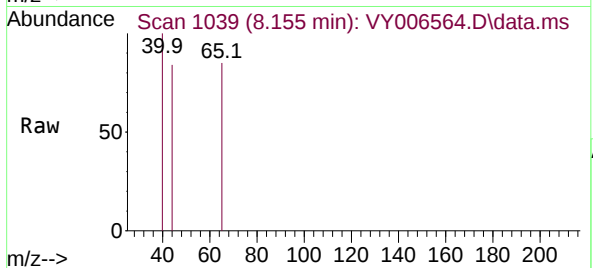
Lab File: VY006564.D

Acq: 01 Nov 2021 20:03

Instrument :

MSVOA_Y

ClientSampleId :

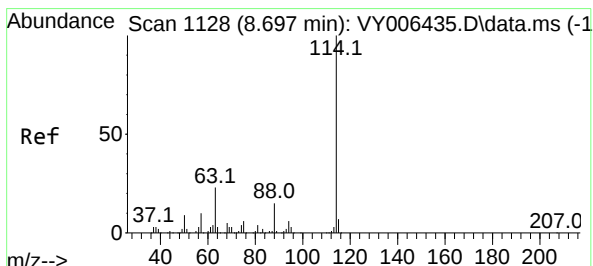
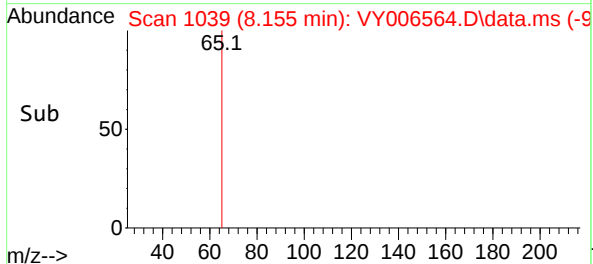
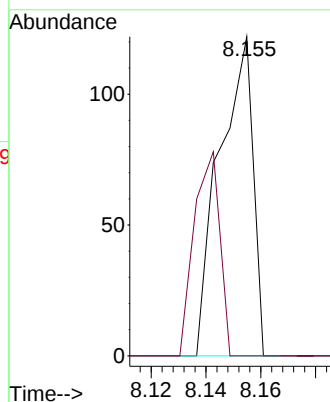


Tgt Ion: 65 Resp: 104

Ion Ratio Lower Upper

65 100

67 48.1 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006564.D

Acq: 01 Nov 2021 20:03

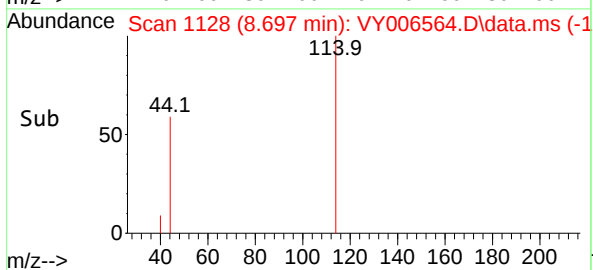
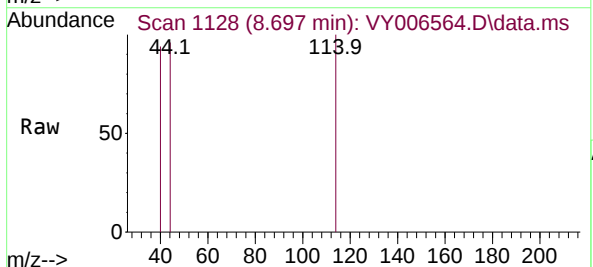
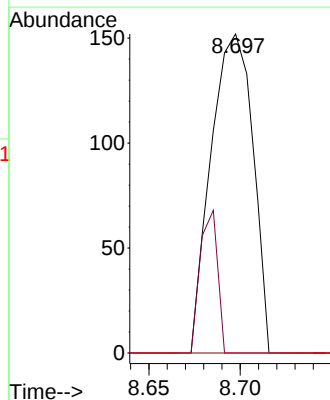
Tgt Ion: 114 Resp: 243

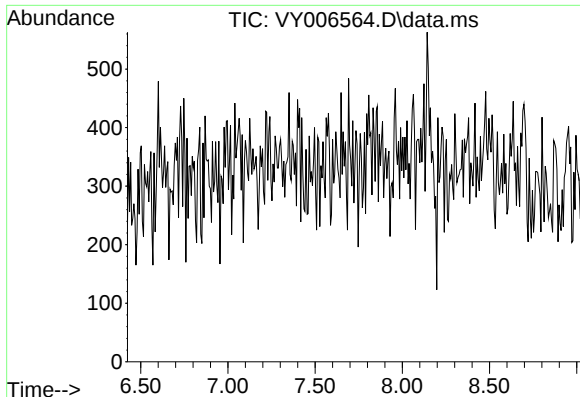
Ion Ratio Lower Upper

114 100

63 0.0 0.0 45.0

88 0.0 0.0 30.6



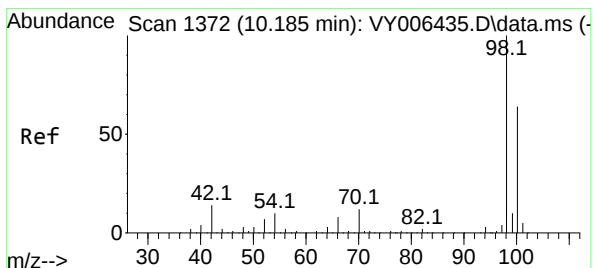
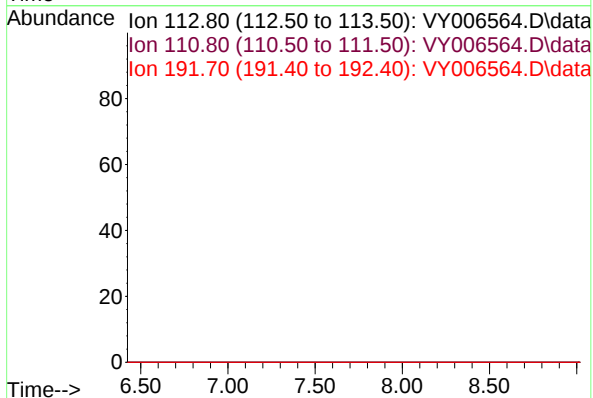


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.72 min
 Lab File: VY006564.D
 Acq: 01 Nov 2021 20:03

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 113

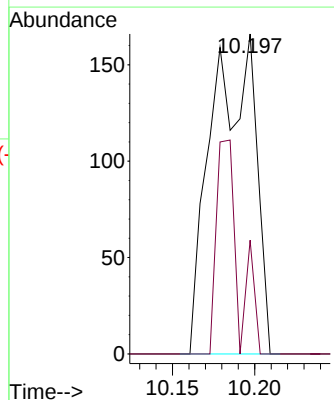
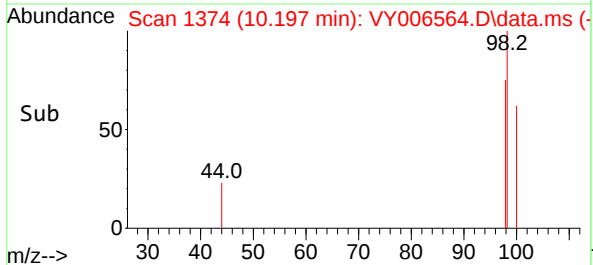
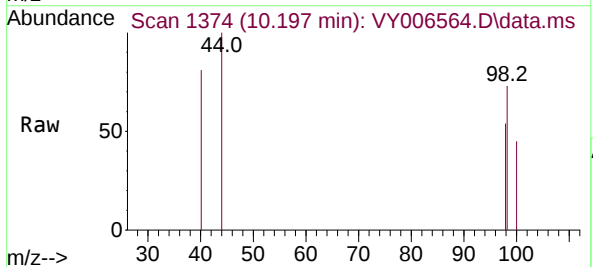
Sig	Exp Ratio
113	100
111	102.9
192	21.8

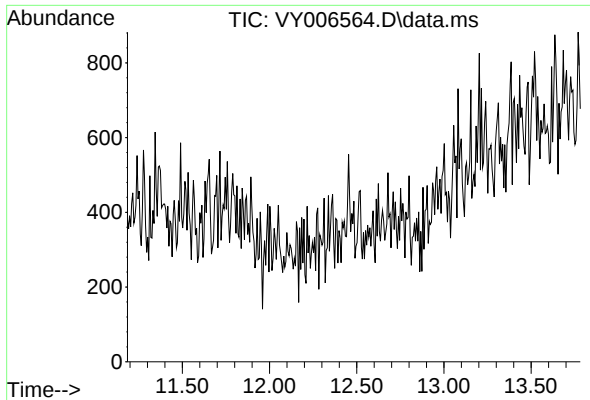


#50
 Toluene-d8
 Concen: 52.947 ug/l
 RT: 10.197 min Scan# 1374
 Delta R.T. 0.012 min
 Lab File: VY006564.D
 Acq: 01 Nov 2021 20:03

Tgt Ion: 98 Resp: 304

Ion	Ratio	Lower	Upper
98	100		
100	33.6	50.9	76.3

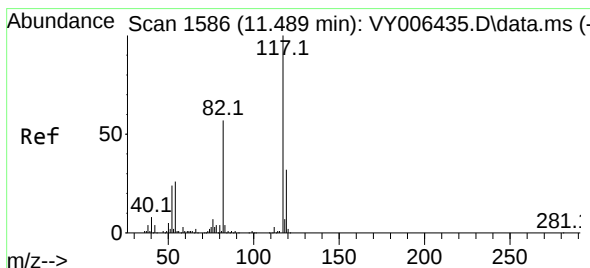
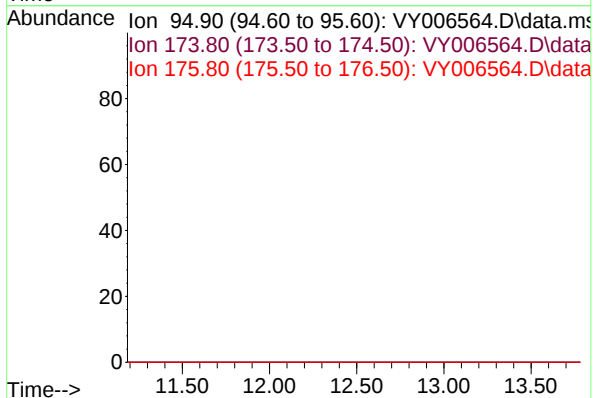




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.48 min
 Lab File: VY006564.D
 Acq: 01 Nov 2021 20:03

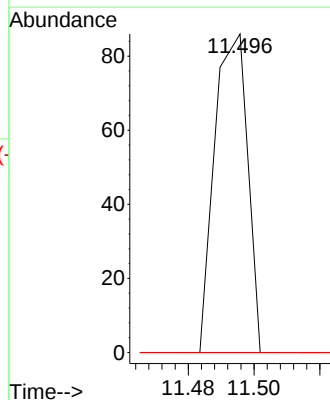
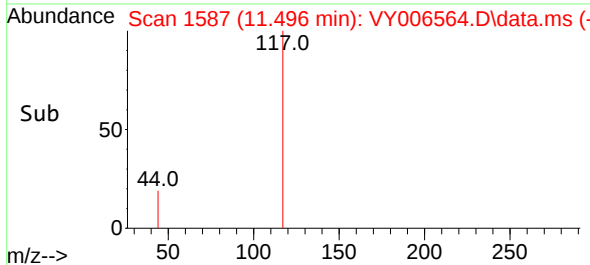
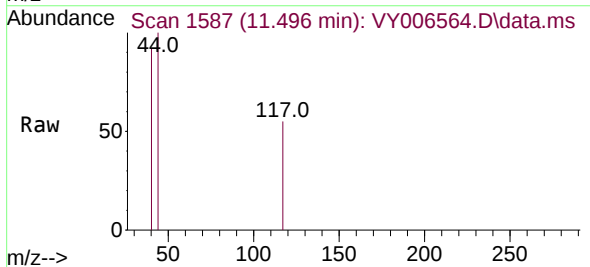
Instrument :
 MSVOA_Y
 ClientSampleId :

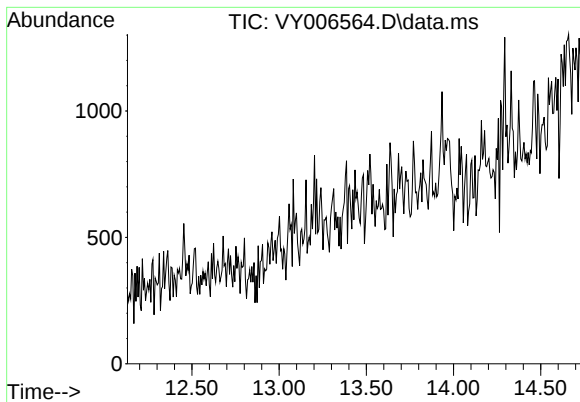
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 88.5
 176 84.7



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.496 min Scan# 1587
 Delta R.T. 0.006 min
 Lab File: VY006564.D
 Acq: 01 Nov 2021 20:03

Tgt Ion: 117 Resp: 60
 Ion Ratio Lower Upper
 117 100
 82 0.0 45.7 68.5#
 119 0.0 25.5 38.3#





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

Lab File: VY006564.D
Acq: 01 Nov 2021 20:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.0
150 174.1

