

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
 Data File : VY007260.D
 Acq On : 21 Jan 2022 18:03
 Operator : SY/MD
 Sample : N1233-03
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4743

Quant Time: Jan 22 00:24:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	662	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.704	114	1263	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	924	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	112	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	568	69.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.860%
35) Dibromofluoromethane	7.722	113	520	60.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.780%
50) Toluene-d8	10.185	98	1421	45.537	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.489	95	205	18.468	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	36.940%

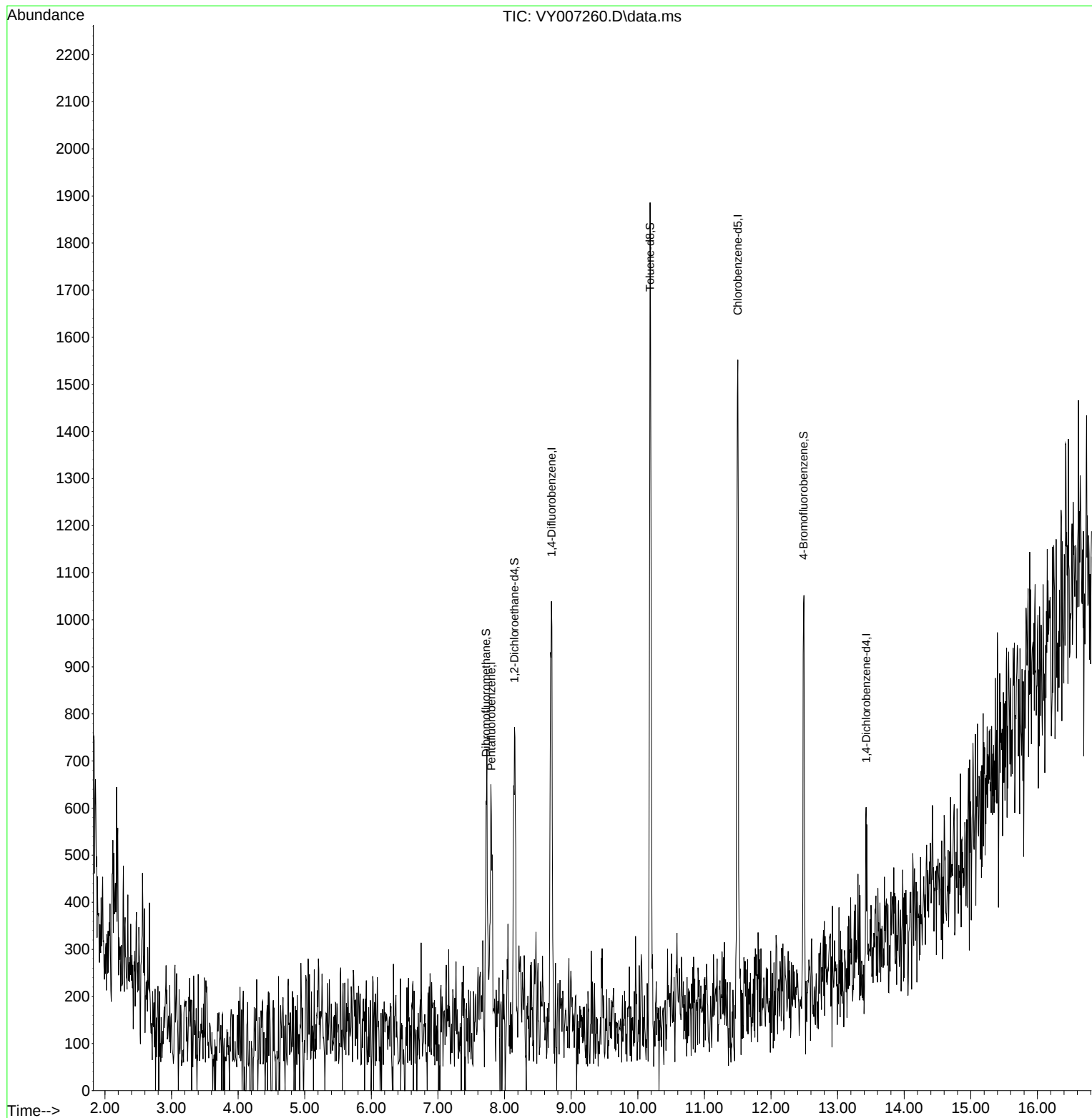
Target Compounds	Qvalue

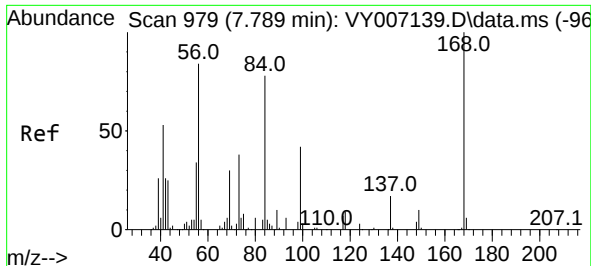
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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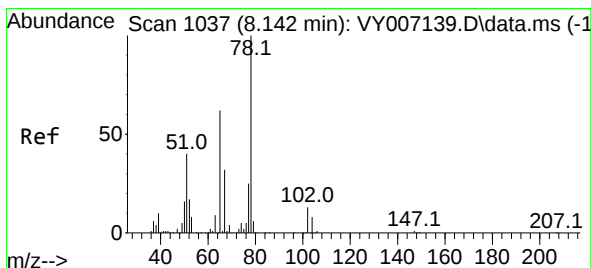
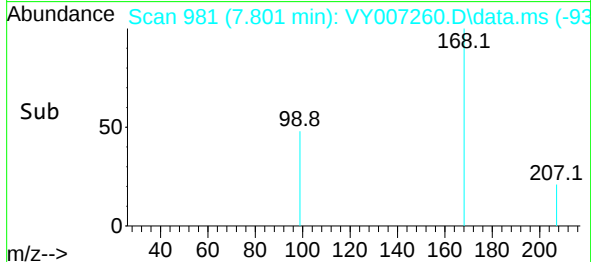
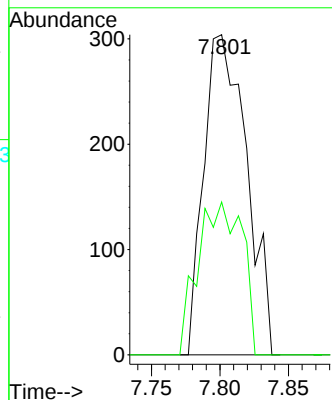
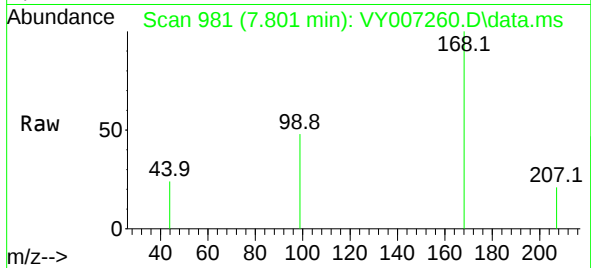




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007260.D
Acq: 21 Jan 2022 18:03

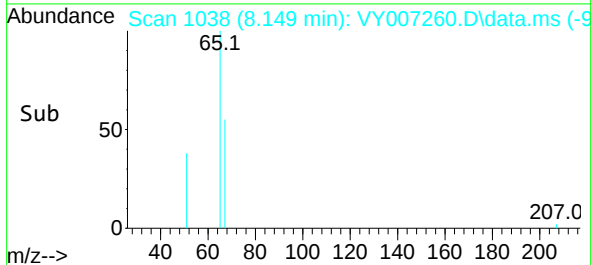
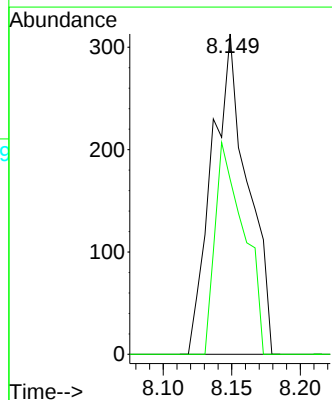
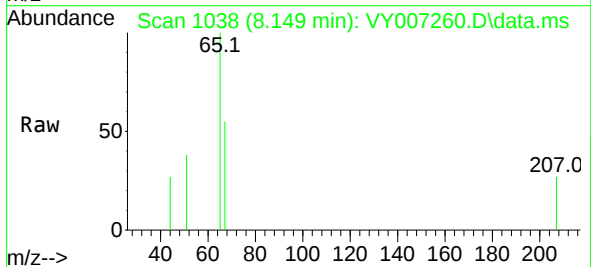
Instrument :
MSVOA_Y
ClientSampleId :
RT4743

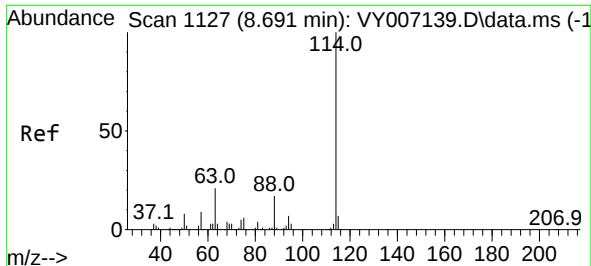
Tgt Ion:168 Resp: 662
Ion Ratio Lower Upper
168 100
99 47.7 49.1 73.7#



#33
1,2-Dichloroethane-d4
Concen: 69.926 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY007260.D
Acq: 21 Jan 2022 18:03

Tgt Ion: 65 Resp: 568
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.6

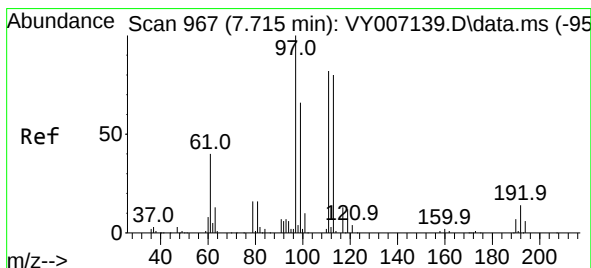
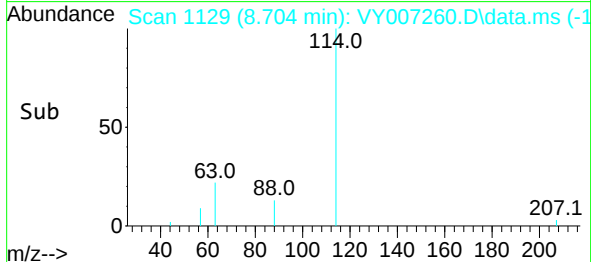
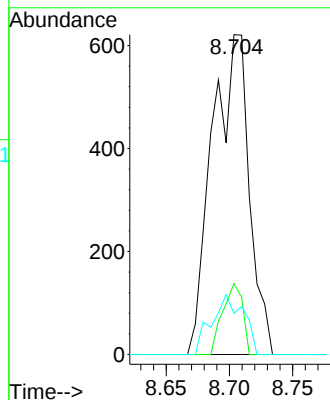
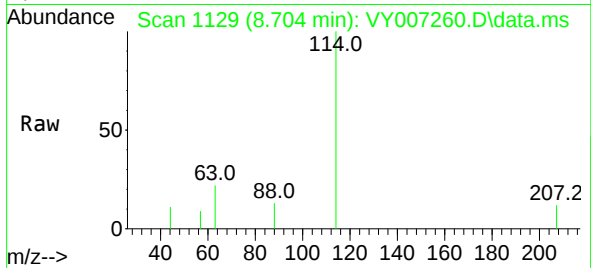




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1127
Delta R.T. 0.013 min
Lab File: VY007260.D
Acq: 21 Jan 2022 18:03

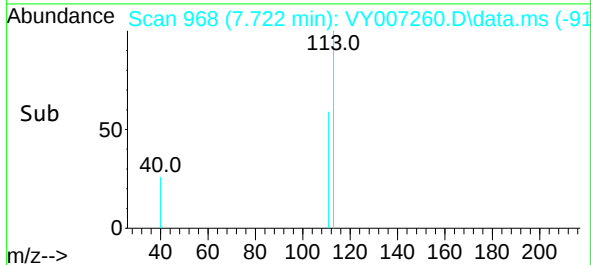
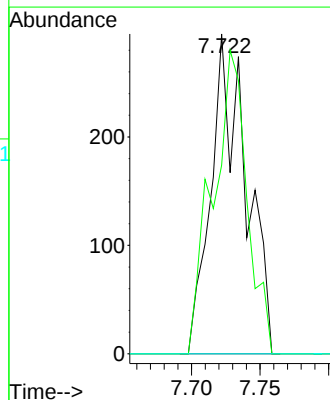
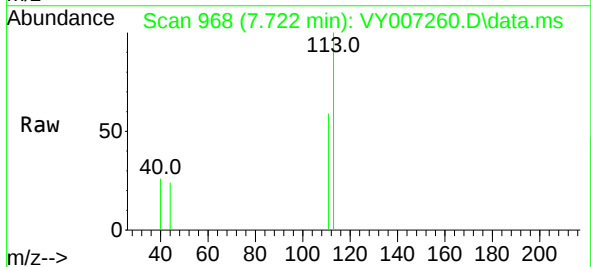
Instrument :
MSVOA_Y
ClientSampleId :
RT4743

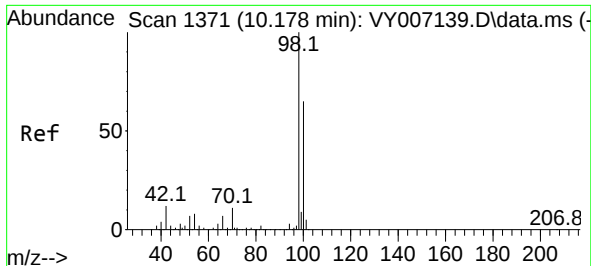
Tgt Ion:114	Resp:	1263
Ion	Ratio	Lower Upper
114	100	
63	22.2	0.0 39.2
88	12.9	0.0 31.0



#35
Dibromofluoromethane
Concen: 60.888 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007260.D
Acq: 21 Jan 2022 18:03

Tgt Ion:113	Resp:	520
Ion	Ratio	Lower Upper
113	100	
111	94.0	82.2 123.4
192	0.0	14.2 21.4

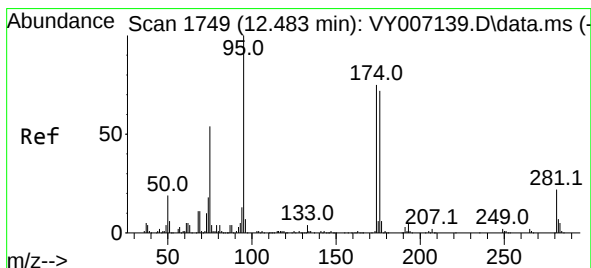
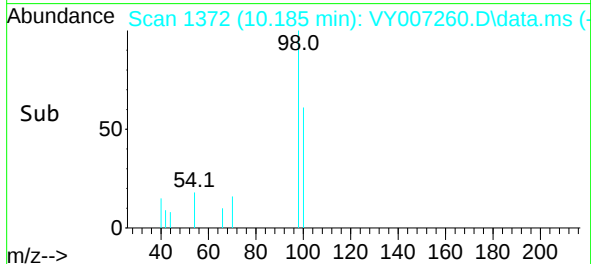
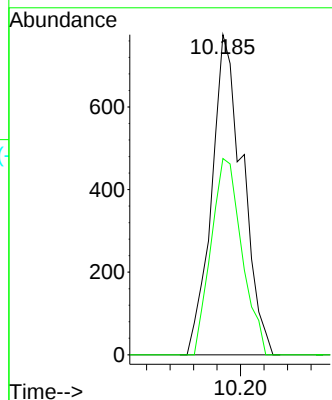
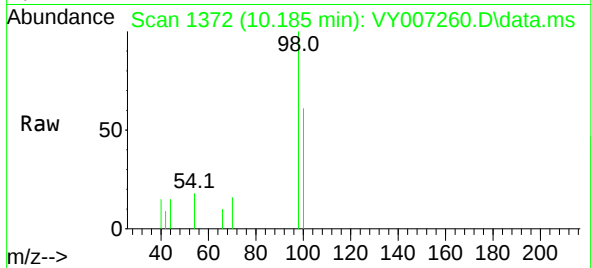




#50
Toluene-d8
Concen: 45.537 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007260.D
Acq: 21 Jan 2022 18:03

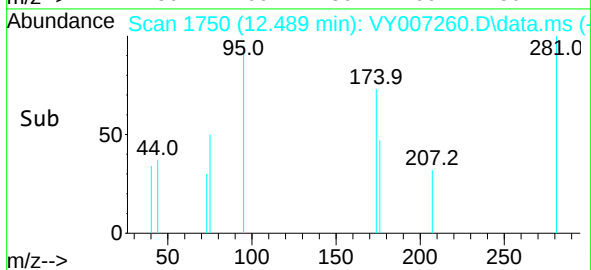
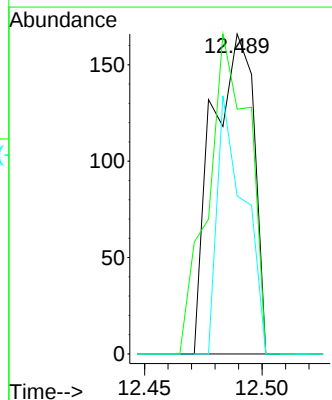
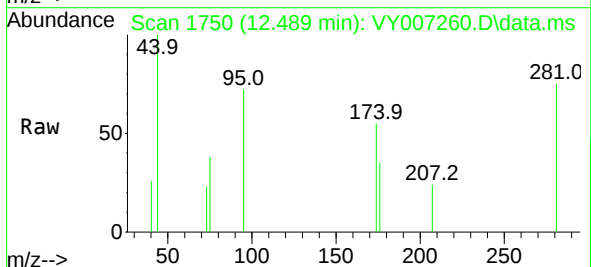
Instrument :
MSVOA_Y
ClientSampleId :
RT4743

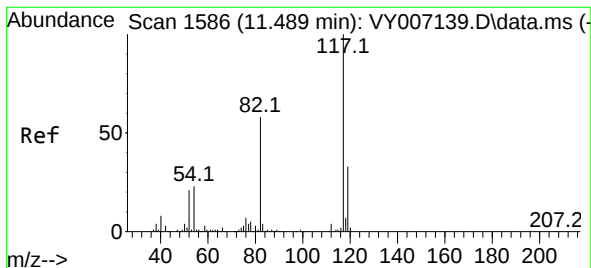
Tgt Ion: 98 Resp: 1421
Ion Ratio Lower Upper
98 100
100 60.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 18.468 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VY007260.D
Acq: 21 Jan 2022 18:03

Tgt Ion: 95 Resp: 205
Ion Ratio Lower Upper
95 100
174 98.0 0.0 148.4
176 52.2 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY007260.D

Acq: 21 Jan 2022 18:03

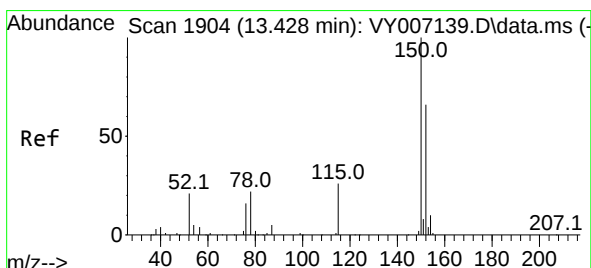
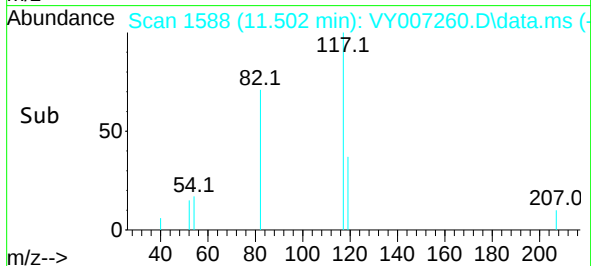
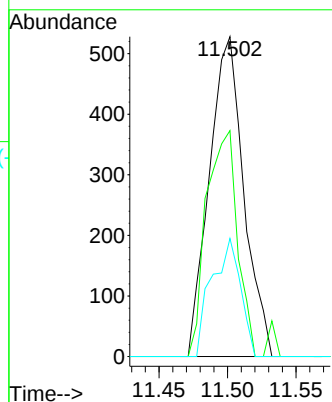
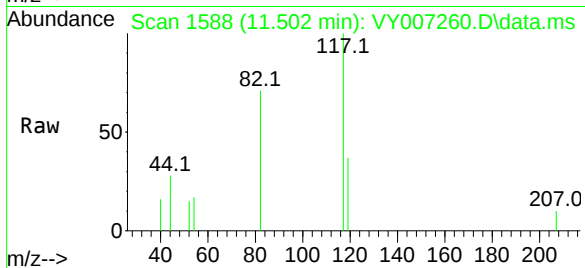
Instrument :

MSVOA_Y

ClientSampleId :

RT4743

Tgt Ion:117	Resp:	924
Ion	Ratio	Lower Upper
117	100	
82	70.6	45.4 68.0#
119	36.9	26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.001 min

Lab File: VY007260.D

Acq: 21 Jan 2022 18:03

Tgt Ion:152	Resp:	112
Ion	Ratio	Lower Upper
152	100	
115	0.0	31.4 94.0#
150	194.6	0.0 348.4

