

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
 Data File : VY007259.D
 Acq On : 21 Jan 2022 17:39
 Operator : SY/MD
 Sample : N1233-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT3876

Quant Time: Jan 22 00:24:41 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	7.795	168	13219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	21111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	17259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6311	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6971	42.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.960%
35) Dibromofluoromethane	7.722	113	6828	47.832	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.660%
50) Toluene-d8	10.185	98	24065	46.137	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.280%
62) 4-Bromofluorobenzene	12.483	95	6904	37.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.420%

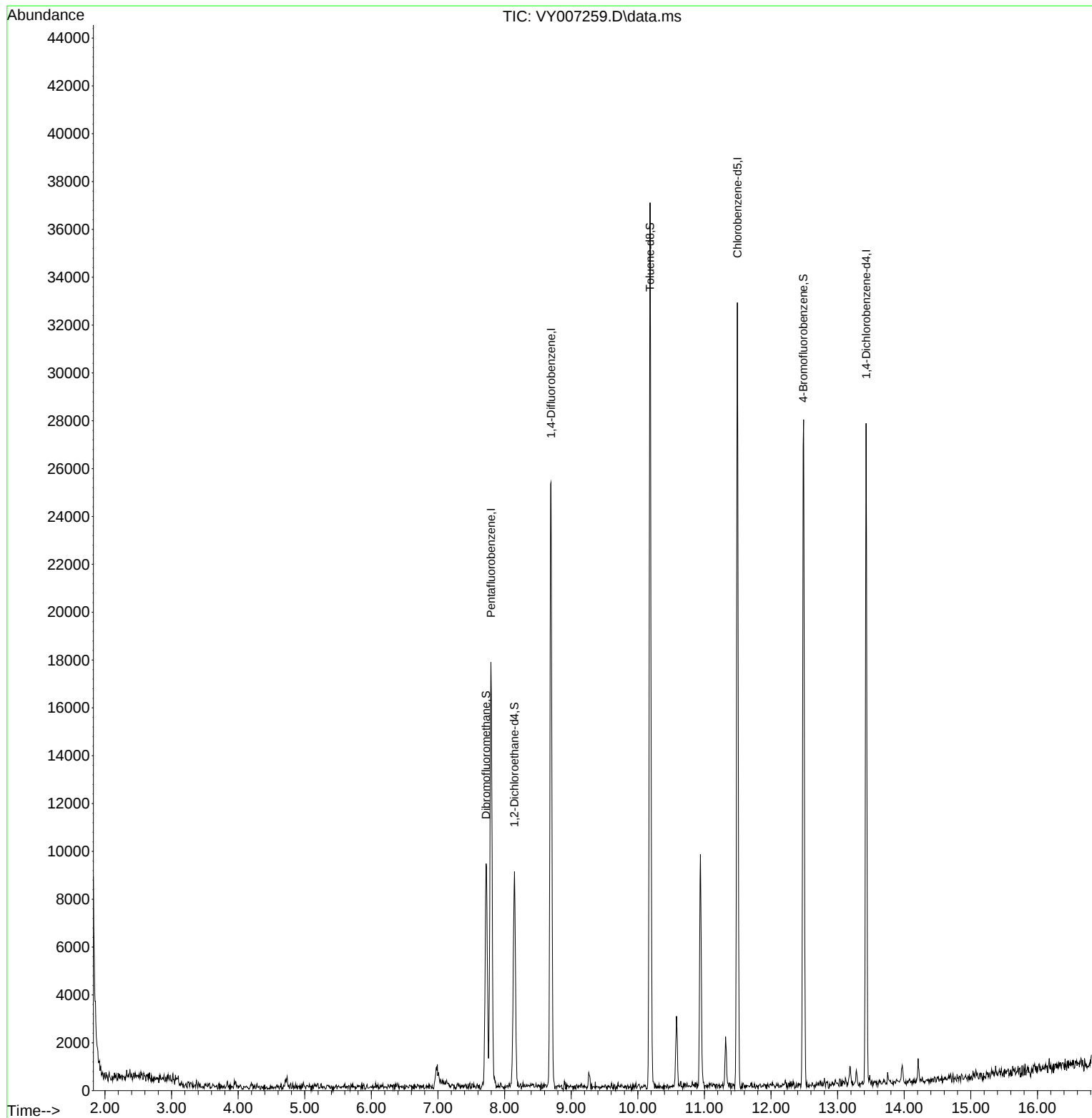
Target Compounds	Qvalue

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

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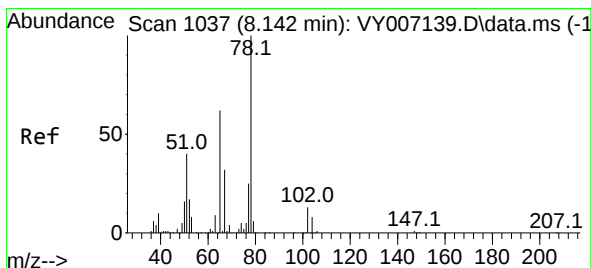
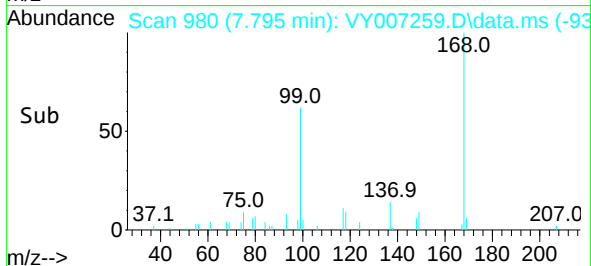
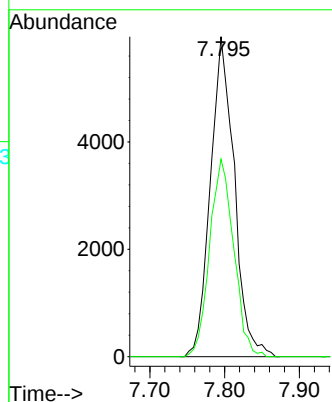
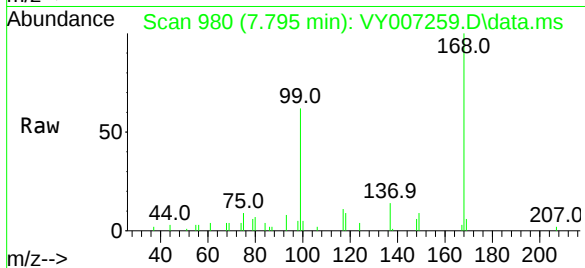




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007259.D
Acq: 21 Jan 2022 17:39

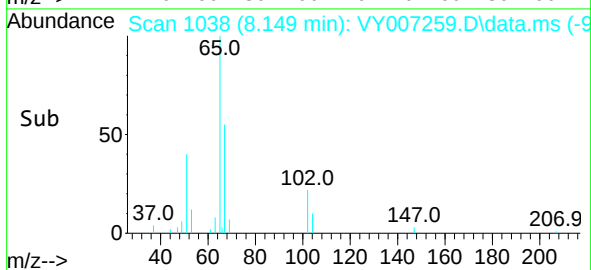
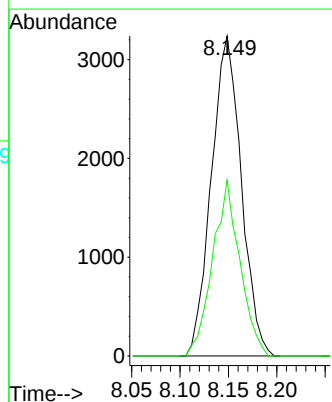
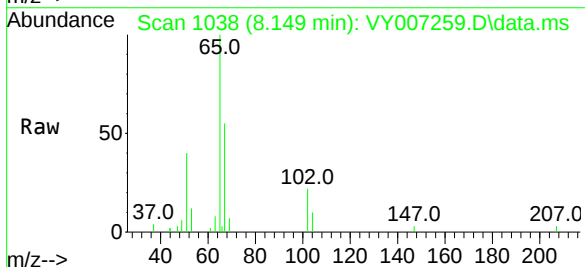
Instrument :
MSVOA_Y
ClientSampleId :
RT3876

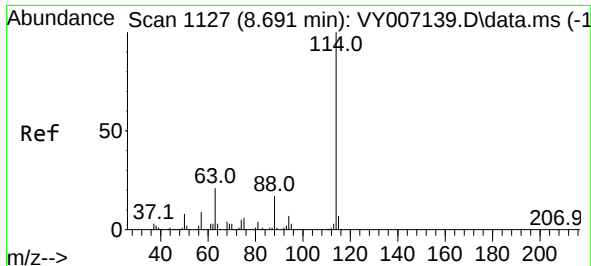
Tgt Ion:168 Resp: 13219
Ion Ratio Lower Upper
168 100
99 61.7 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 42.978 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007259.D
Acq: 21 Jan 2022 17:39

Tgt Ion: 65 Resp: 6971
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.6

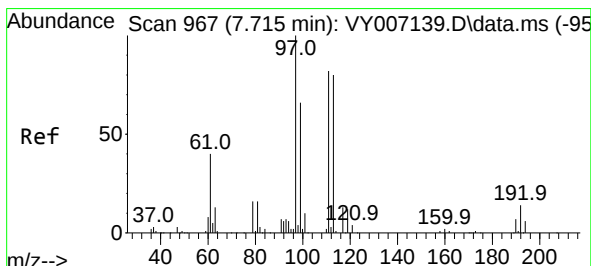
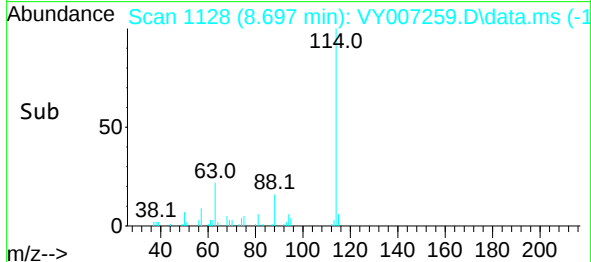
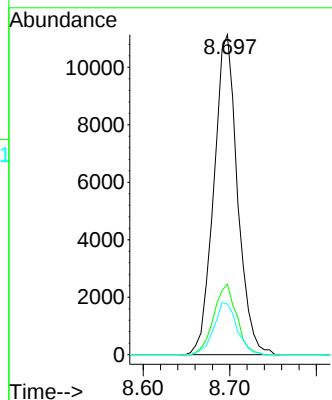
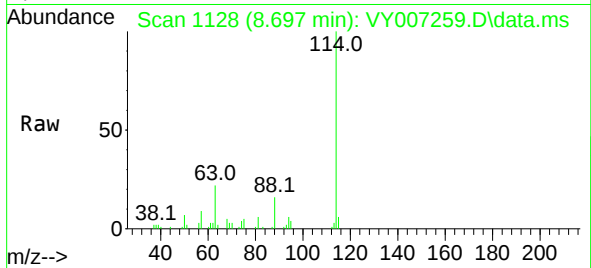




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY007259.D
Acq: 21 Jan 2022 17:39

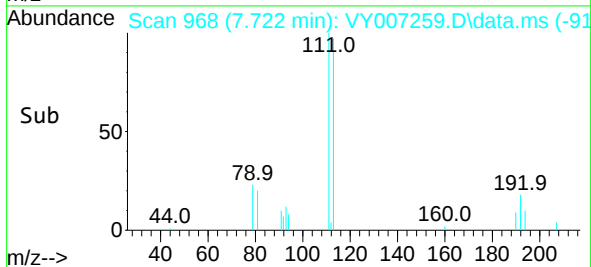
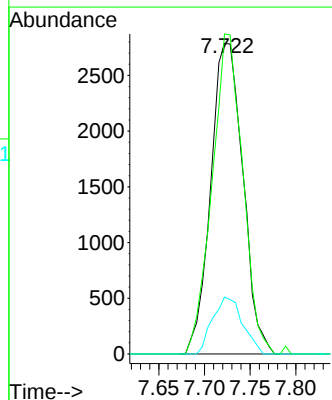
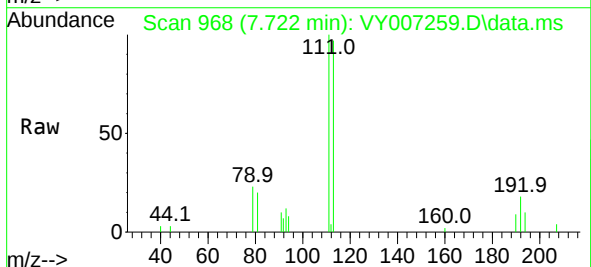
Instrument :
MSVOA_Y
ClientSampleId :
RT3876

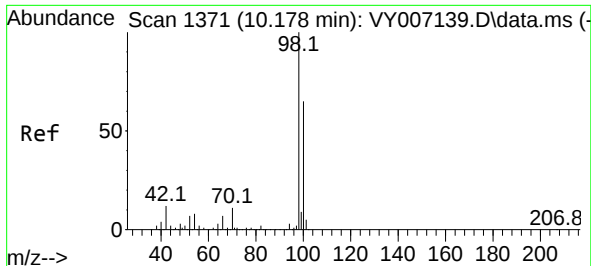
Tgt Ion:114	Resp:	21111
Ion Ratio	Lower	Upper
114	100	
63	22.1	0.0 39.2
88	15.9	0.0 31.0



#35
Dibromofluoromethane
Concen: 47.832 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007259.D
Acq: 21 Jan 2022 17:39

Tgt Ion:113	Resp:	6828
Ion Ratio	Lower	Upper
113	100	
111	98.2	82.2 123.4
192	17.1	14.2 21.4

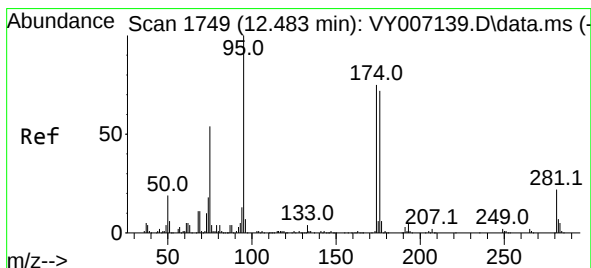
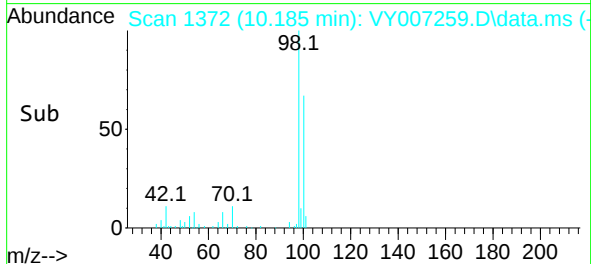
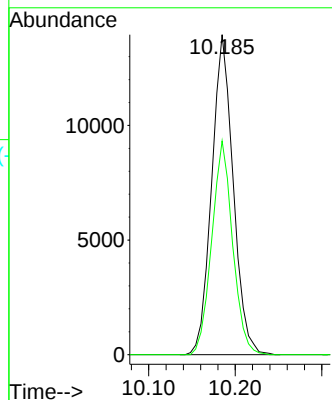
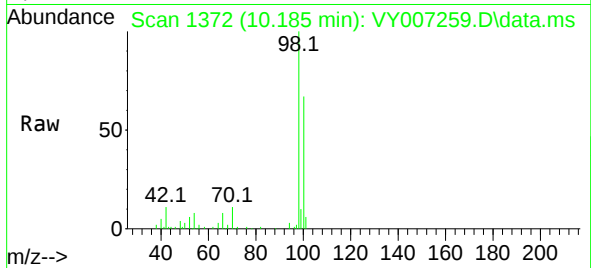




#50
Toluene-d8
Concen: 46.137 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007259.D
Acq: 21 Jan 2022 17:39

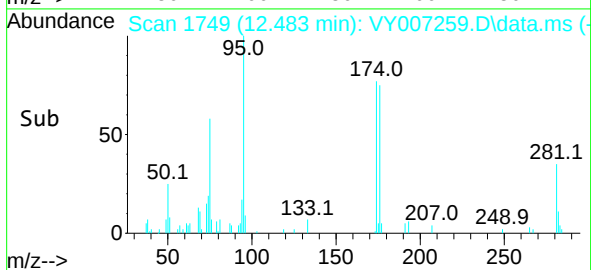
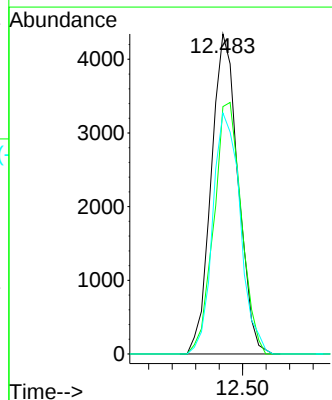
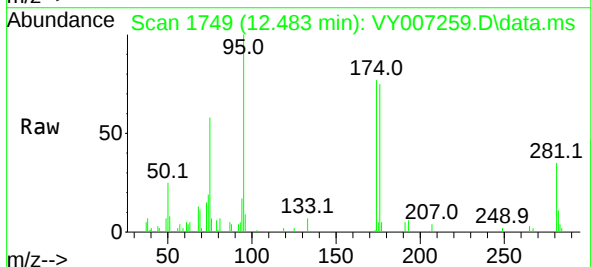
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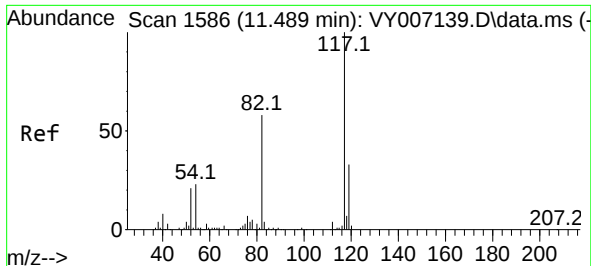
Tgt Ion: 98 Resp: 24065
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 37.210 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007259.D
Acq: 21 Jan 2022 17:39

Tgt Ion: 95 Resp: 6904
Ion Ratio Lower Upper
95 100
174 80.3 0.0 148.4
176 77.0 0.0 146.6

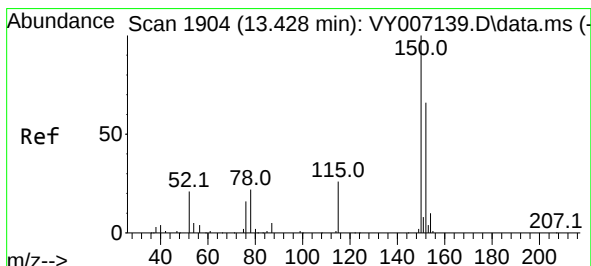
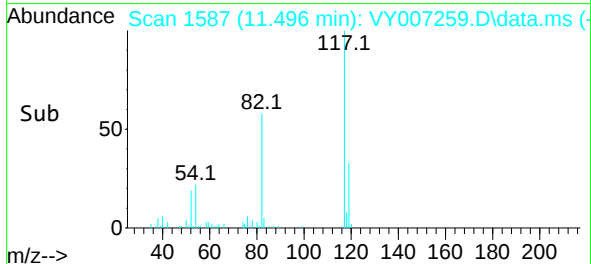
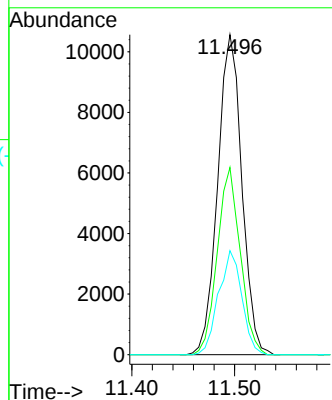
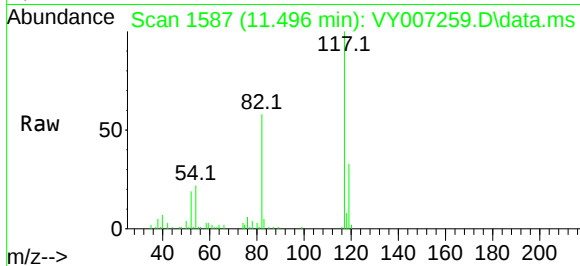




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY007259.D
Acq: 21 Jan 2022 17:39

Instrument :
MSVOA_Y
ClientSampleId :
RT3876

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.4	68.0
119	32.5	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007259.D
Acq: 21 Jan 2022 17:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.4	94.0
150	164.7	0.0	348.4

