

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091021\
 Data File : VY005988.D
 Acq On : 10 Sep 2021 17:16
 Operator : SY/MD
 Sample : M3684-18
 Misc : 5.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampled :
 A001015

Quant Time: Sep 11 01:22:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	195899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	318551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108646	55.035	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.722	113	105778	56.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.080%
50) Toluene-d8	10.185	98	411571	52.423	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.840%
62) 4-Bromofluorobenzene	12.483	95	124735	47.316	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.640%

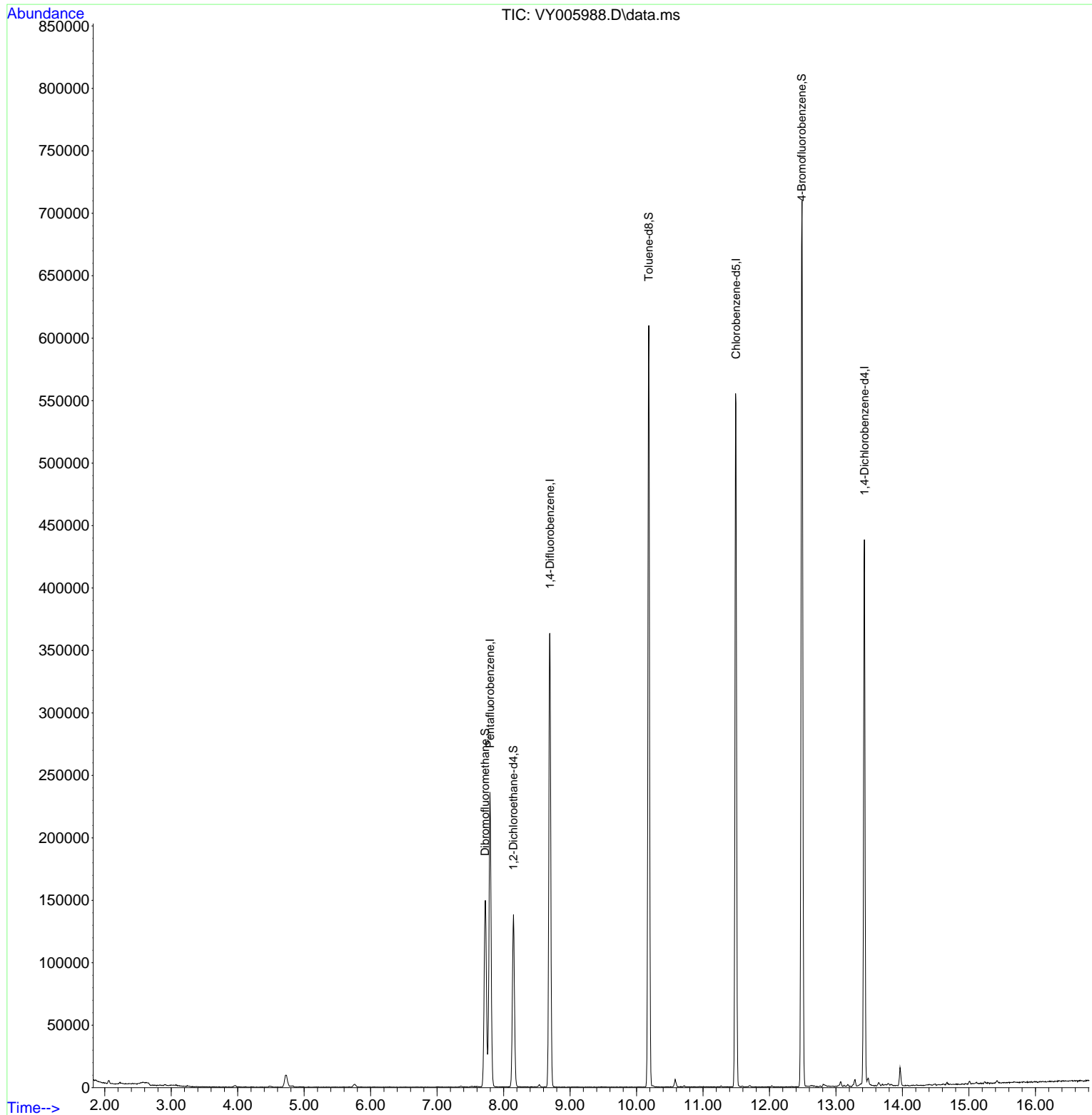
Target Compounds Qvalue

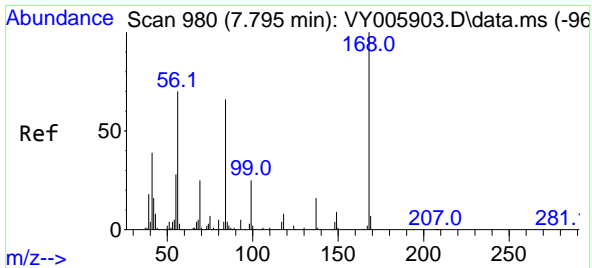
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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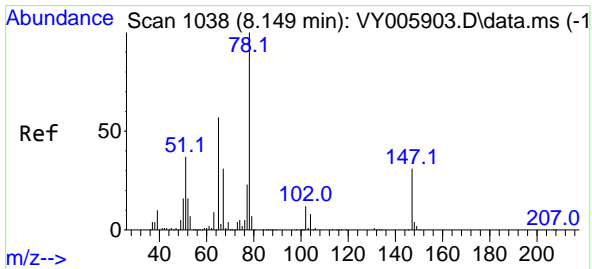
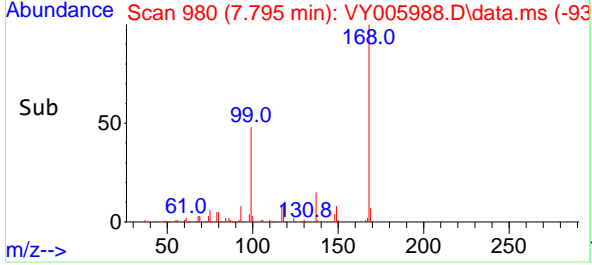
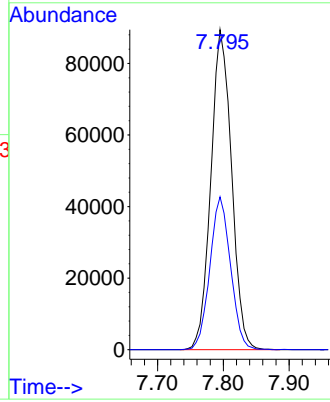
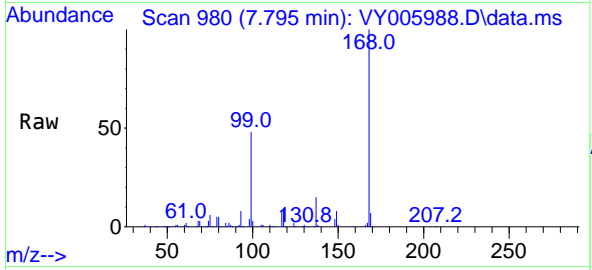




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VY005988.D
 Acq: 10 Sep 2021 17:16

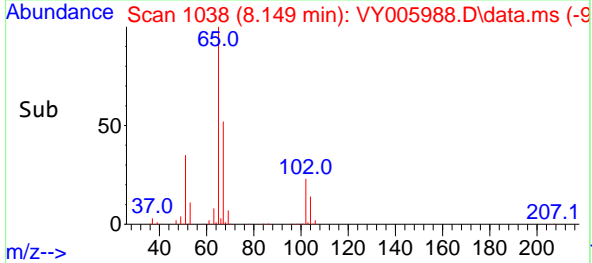
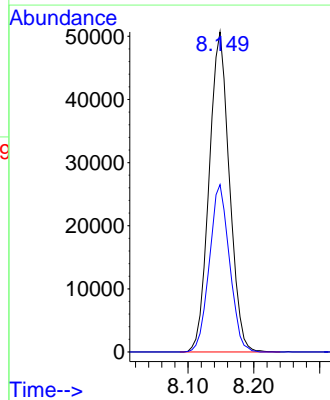
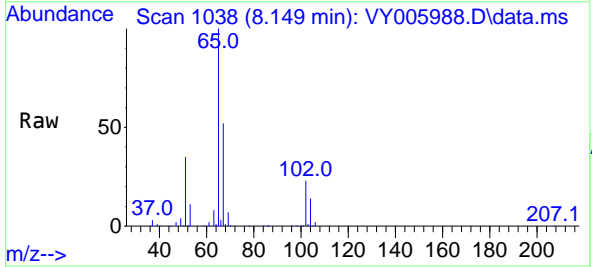
Instrument :
 MSVOA_Y
 ClientSampled :
 A001015

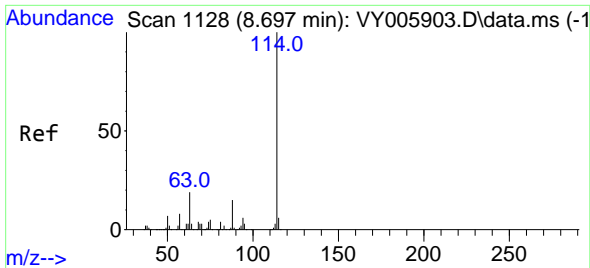
Tgt Ion:168 Resp: 195899
 Ion Ratio Lower Upper
 168 100
 99 47.8 40.6 60.8



1,2-Dichloroethane-d4
 Concen: 55.035 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005988.D
 Acq: 10 Sep 2021 17:16

Tgt Ion: 65 Resp: 108646
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.4



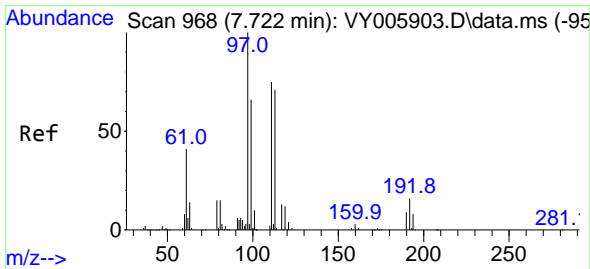
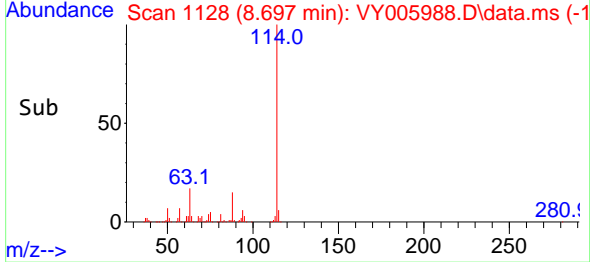
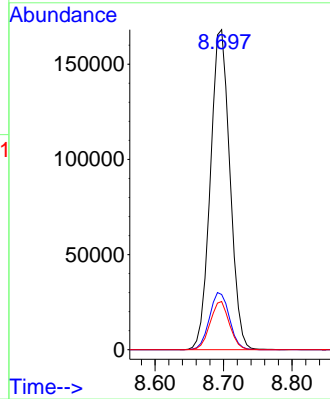
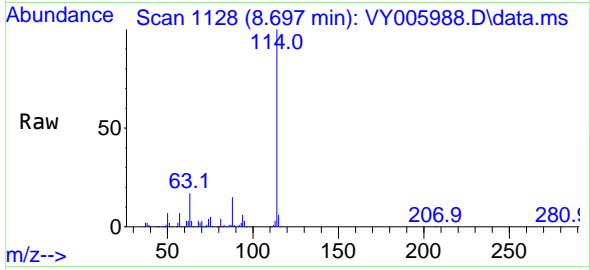


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005988.D
 Acq: 10 Sep 2021 17:16

Instrument : MSVOA_Y
 ClientSampled : A001015

Tgt Ion:114 Resp: 333102

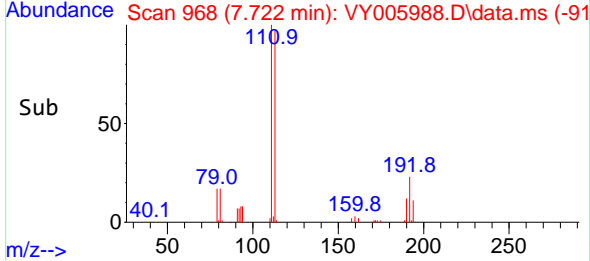
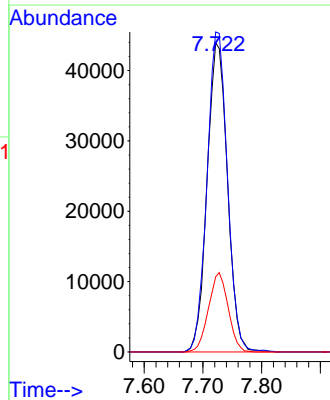
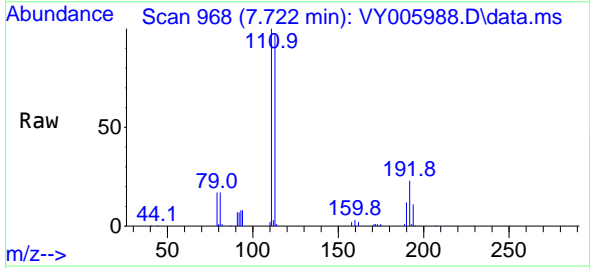
Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	38.4
88	15.0	0.0	30.0

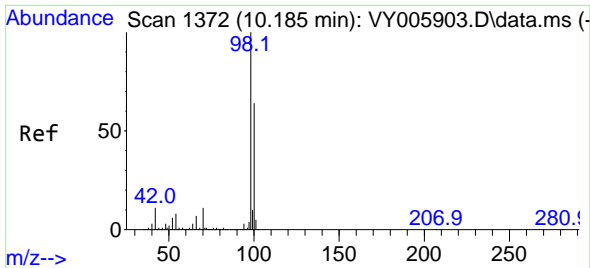


#35
 Dibromofluoromethane
 Concen: 56.545 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VY005988.D
 Acq: 10 Sep 2021 17:16

Tgt Ion:113 Resp: 105778

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	24.7	19.4	29.0

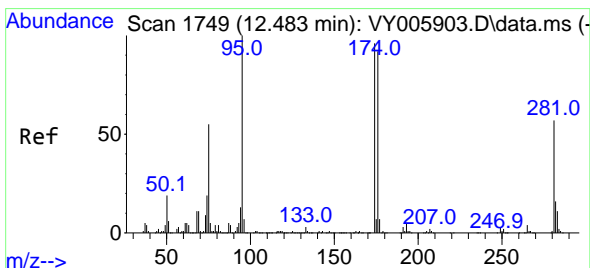
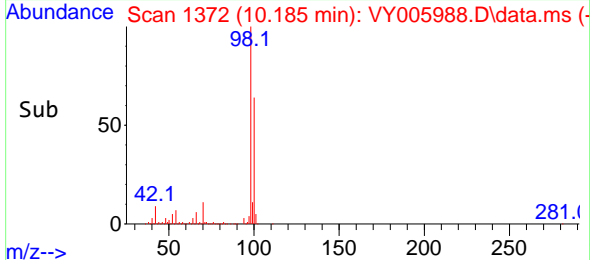
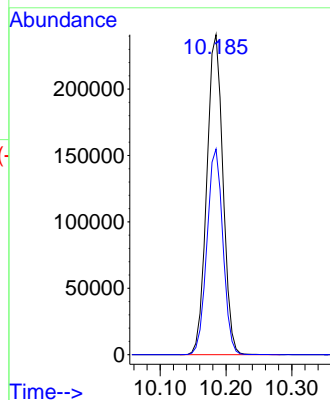
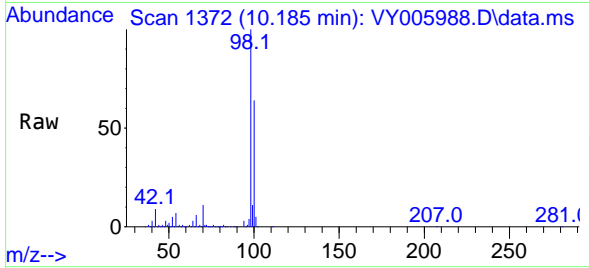




#50
 Toluene-d8
 Concen: 52.423 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.000 min
 Lab File: VY005988.D
 Acq: 10 Sep 2021 17:16

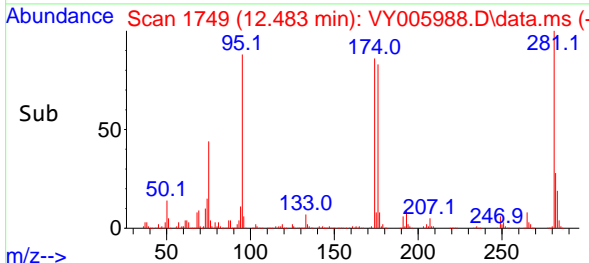
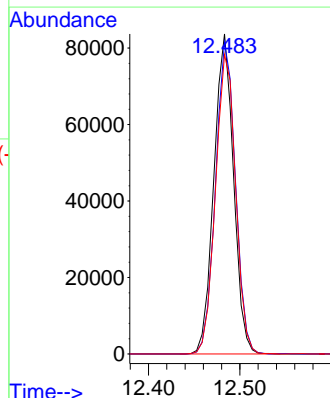
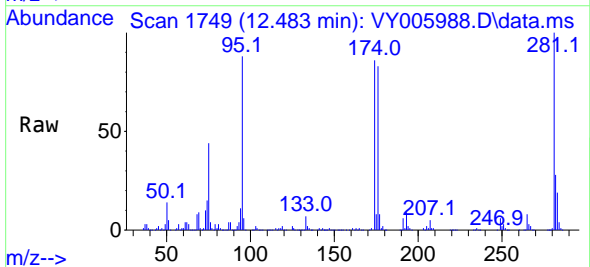
Instrument :
 MSVOA_Y
 ClientSampled :
 A001015

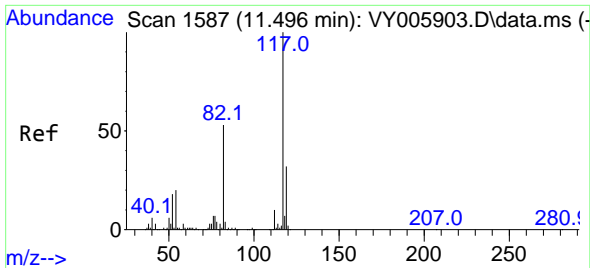
Tgt Ion: 98 Resp: 411571
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.9 76.3



#62
 4-Bromofluorobenzene
 Concen: 47.316 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY005988.D
 Acq: 10 Sep 2021 17:16

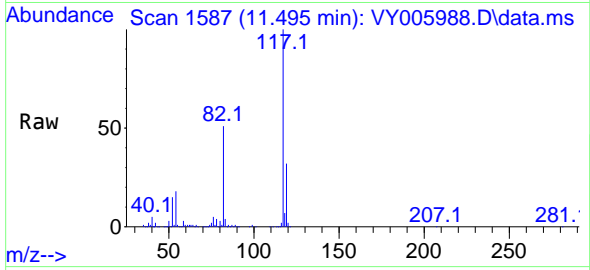
Tgt Ion: 95 Resp: 124735
 Ion Ratio Lower Upper
 95 100
 174 98.8 0.0 192.4
 176 96.0 0.0 186.8





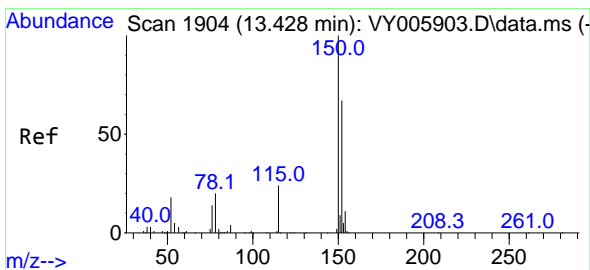
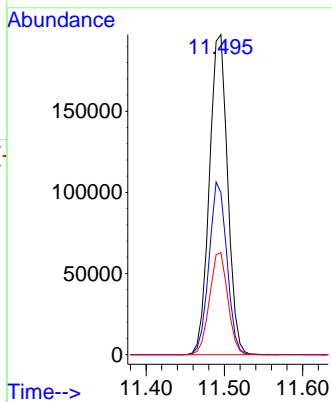
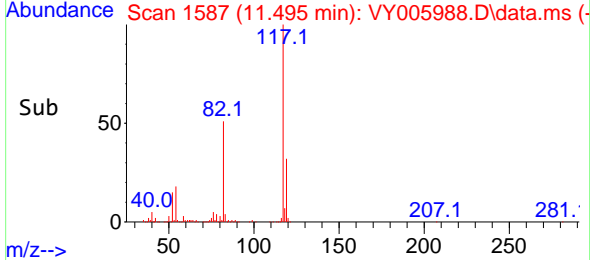
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.495 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: VY005988.D
 Acq: 10 Sep 2021 17:16

Instrument :
 MSVOA_Y
 ClientSampled :
 A001015

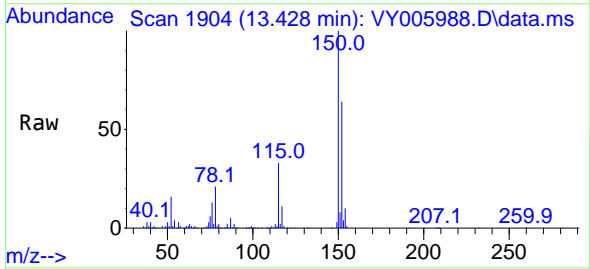


Tgt Ion:117 Resp: 318551

Ion	Ratio	Lower	Upper
117	100		
82	50.6	42.4	63.6
119	31.9	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: VY005988.D
 Acq: 10 Sep 2021 17:16



Tgt Ion:152 Resp: 119205

Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.8	80.4
150	158.9	0.0	345.6

