

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003965.D
 Acq On : 03 Feb 2021 17:28
 Operator : SY/MD
 Sample : M1291-01
 Misc : 5.49g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU421-007-0002

Quant Time: Feb 04 01:21:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	82840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	135550	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	109702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54927	60.30	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.60%
35) Dibromofluoromethane	7.734	113	44709	56.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.82%
50) Toluene-d8	10.185	98	159662	51.33	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.66%
62) 4-Bromofluorobenzene	12.483	95	42347	37.35	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.70%

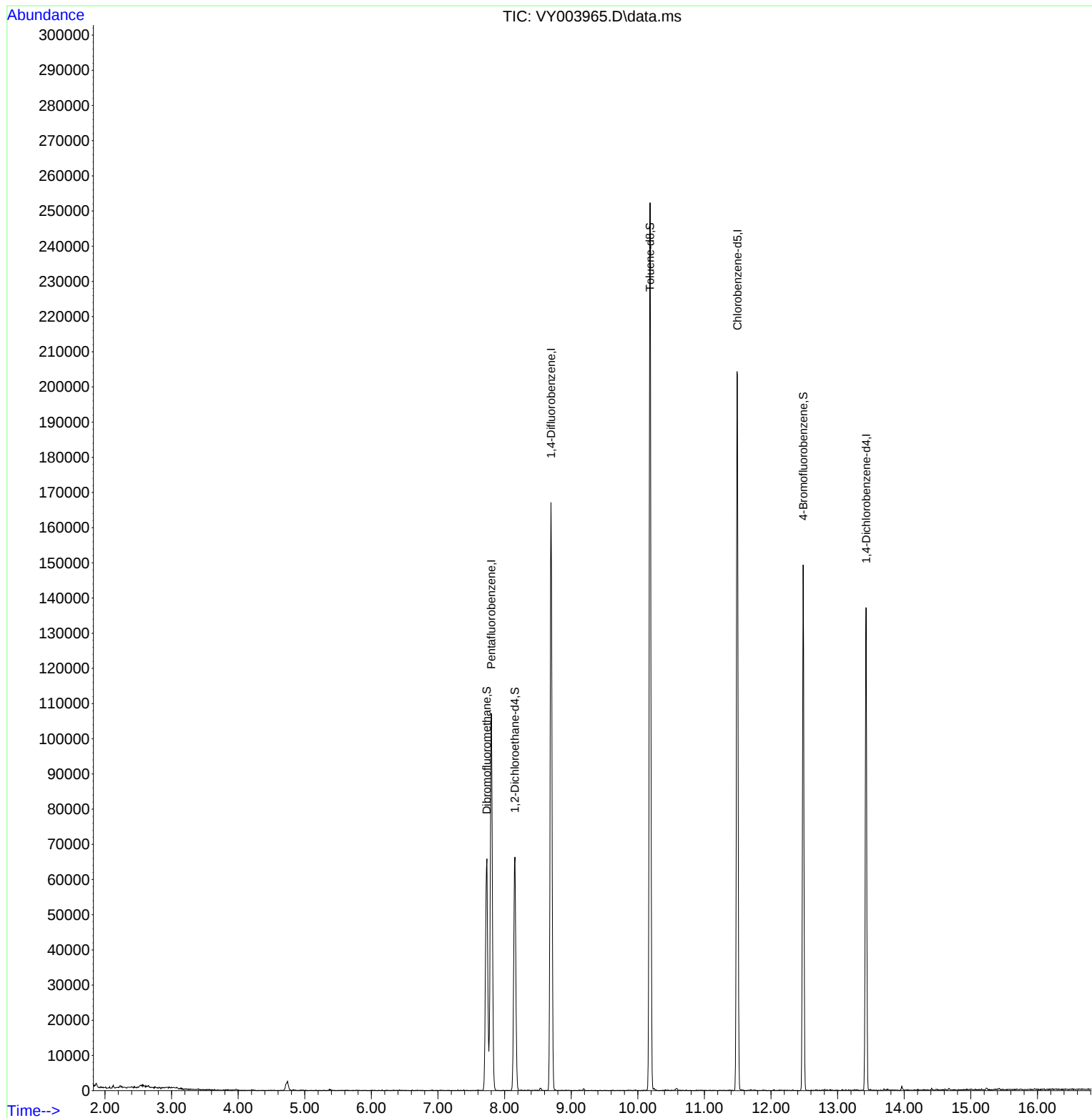
Target Compounds	Qvalue

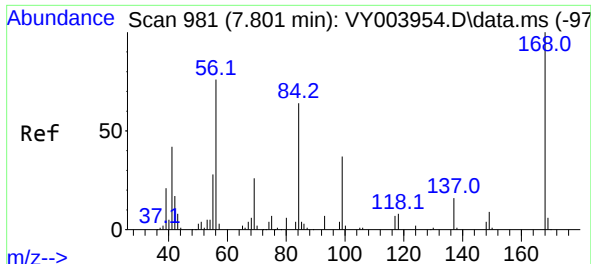
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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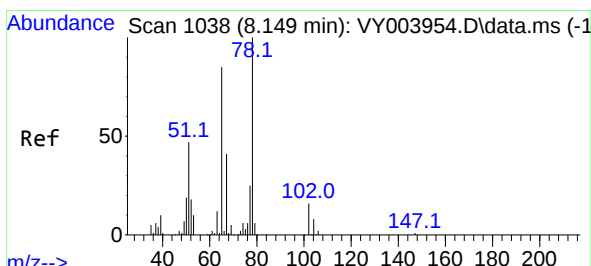
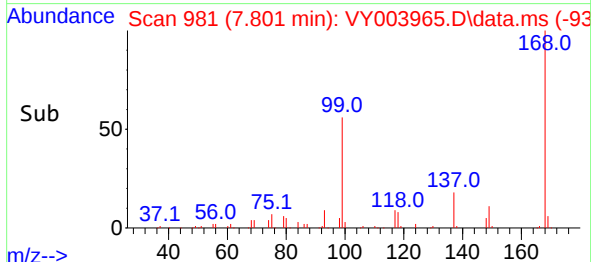
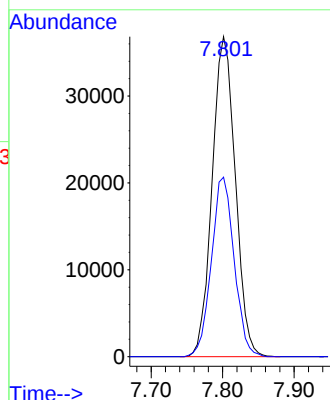
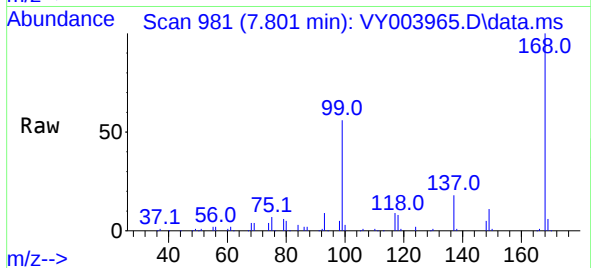




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

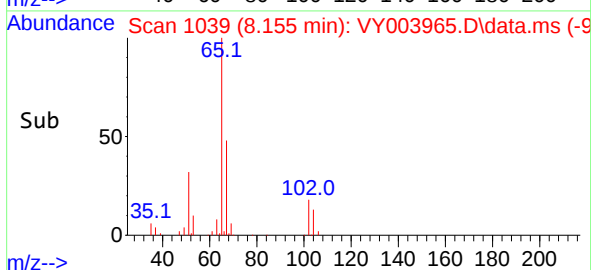
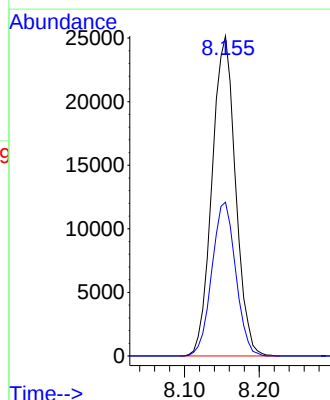
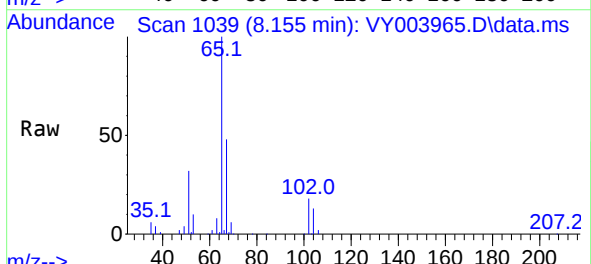
Instrument :
MSVOA_Y
ClientSampleId :
OU421-007-0002

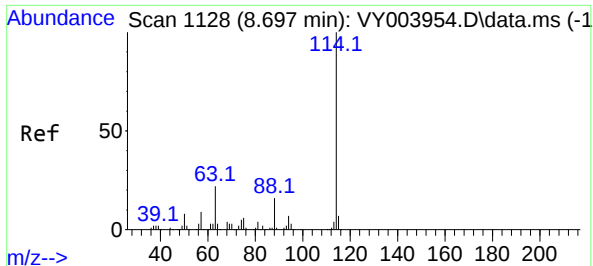
Tgt Ion:168 Resp: 82840
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 60.30 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Tgt Ion: 65 Resp: 54927
Ion Ratio Lower Upper
65 100
67 48.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY003965.D

Acq: 03 Feb 2021 17:28

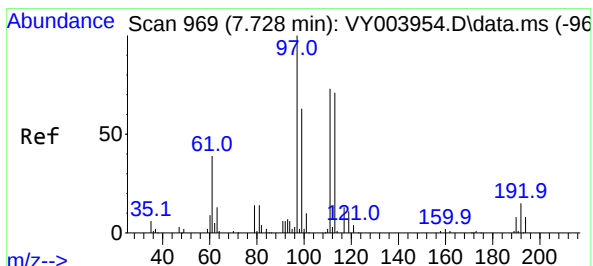
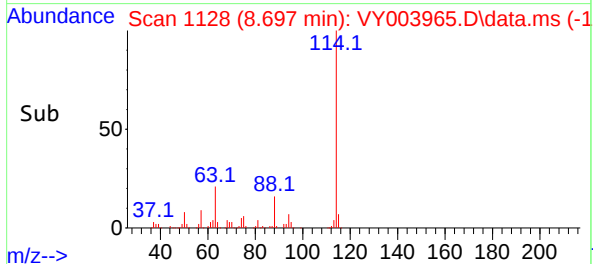
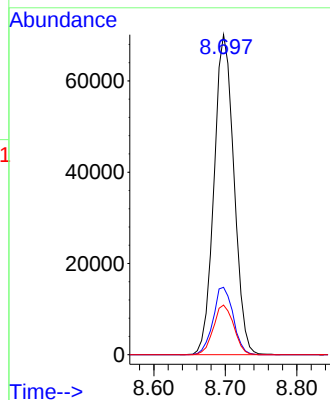
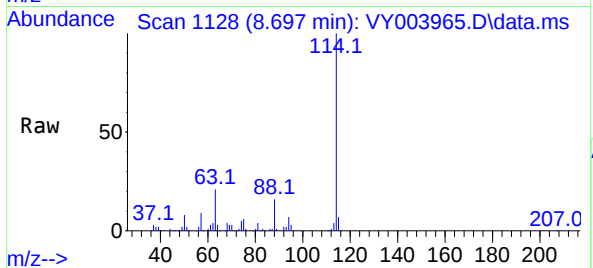
Tgt Ion:114 Resp: 135550

Ion Ratio Lower Upper

114 100

63 21.0 0.0 47.2

88 15.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 56.41 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY003965.D

Acq: 03 Feb 2021 17:28

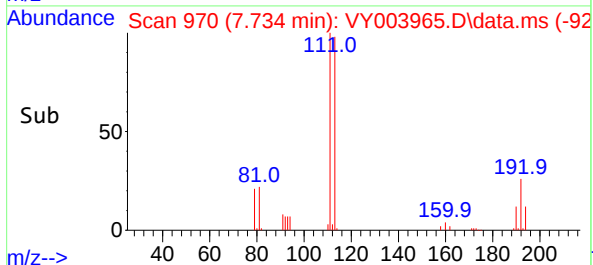
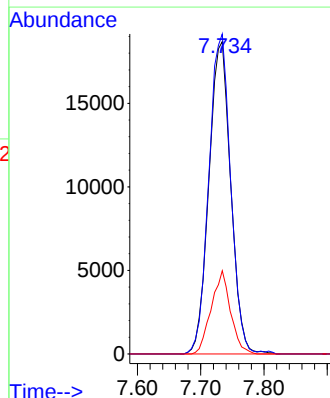
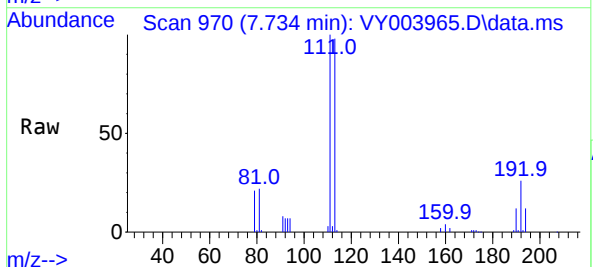
Tgt Ion:113 Resp: 44709

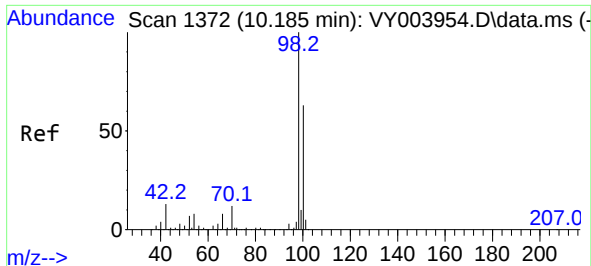
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 23.6 18.3 27.5

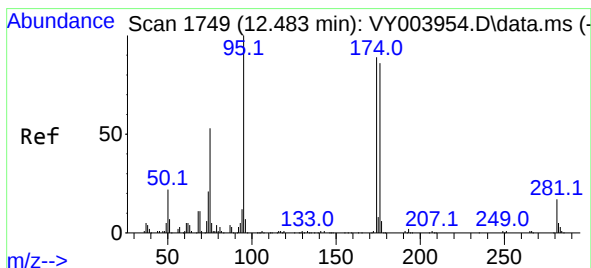
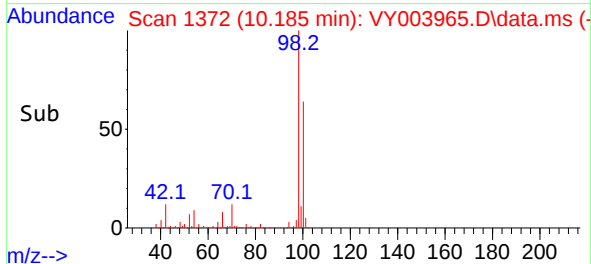
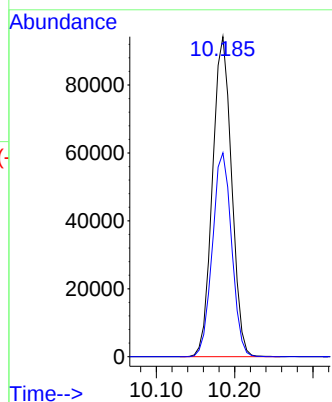
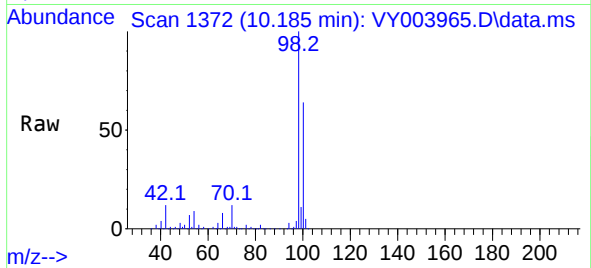




#50
Toluene-d8
Concen: 51.33 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

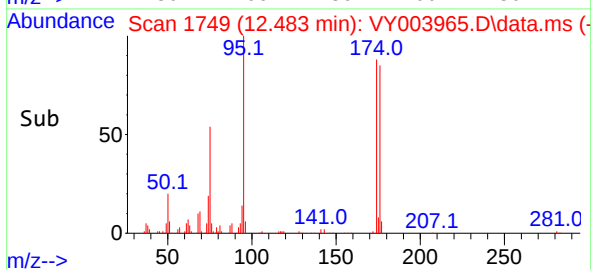
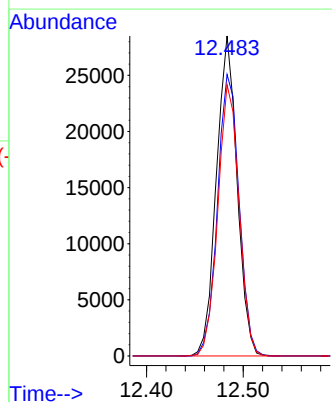
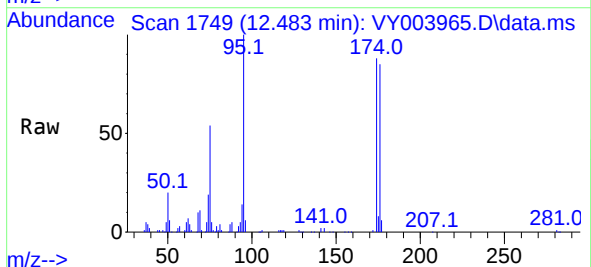
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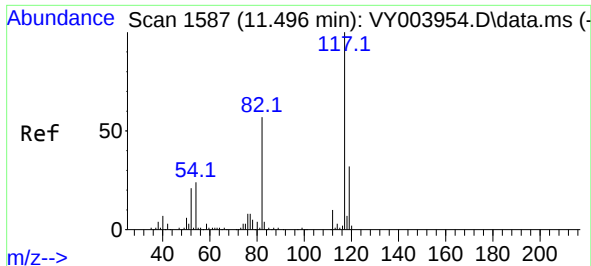
Tgt Ion: 98 Resp: 159662
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 37.35 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Tgt Ion: 95 Resp: 42347
Ion Ratio Lower Upper
95 100
174 91.6 0.0 184.4
176 86.5 0.0 177.2

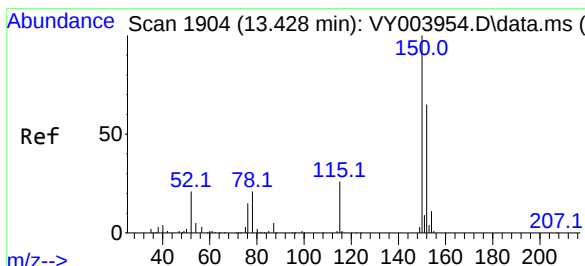
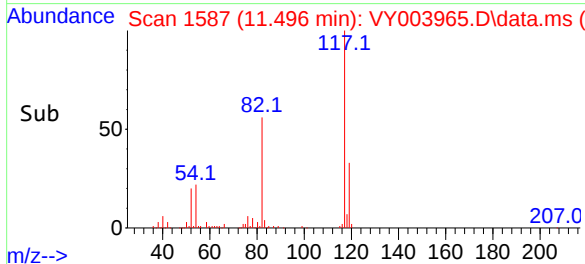
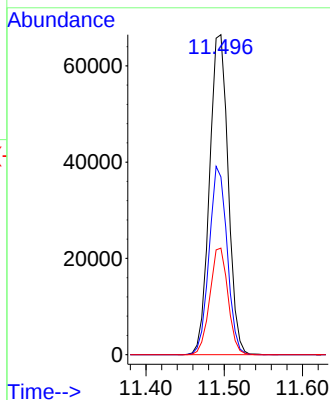
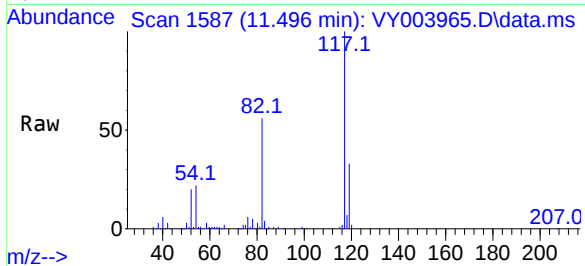




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Instrument :
MSVOA_Y
ClientSampleId :
OU421-007-0002

Tgt Ion:	117	Resp:	109702
Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.3	66.5
119	33.3	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY003965.D
Acq: 03 Feb 2021 17:28

Tgt Ion:	152	Resp:	33660
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.2	84.6
150	159.6	0.0	356.2

