

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061121\
 Data File : VY005114.D
 Acq On : 11 Jun 2021 11:01
 Operator : SY/MD
 Sample : VY0611SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBL01

Quant Time: Jun 12 00:34:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	174829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	309507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	108023	58.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.900%
35) Dibromofluoromethane	7.728	113	98116	57.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.040%
50) Toluene-d8	10.185	98	393120	55.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.000%
62) 4-Bromofluorobenzene	12.483	95	130323	53.494	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.980%

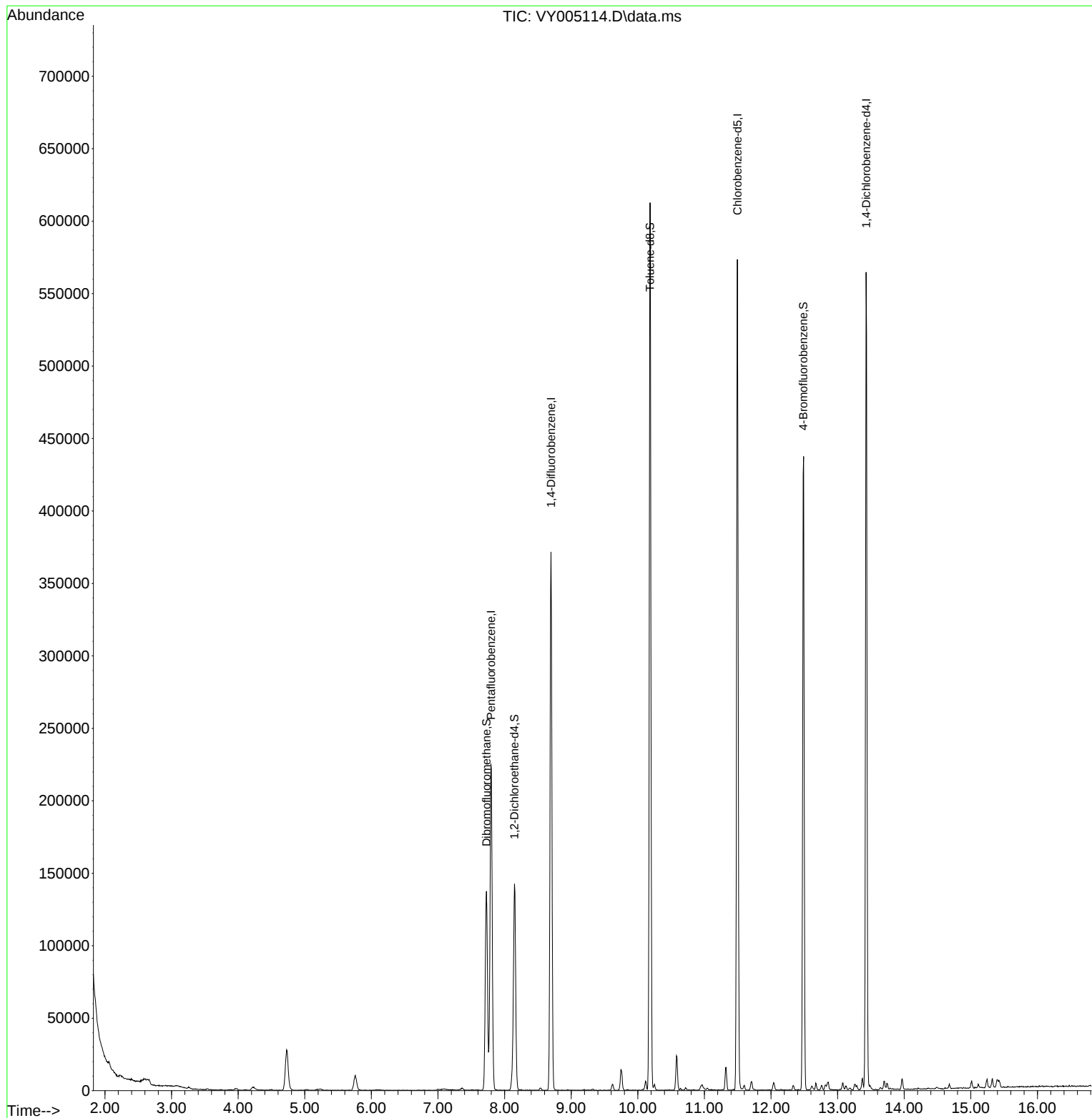
Target Compounds	Qvalue

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

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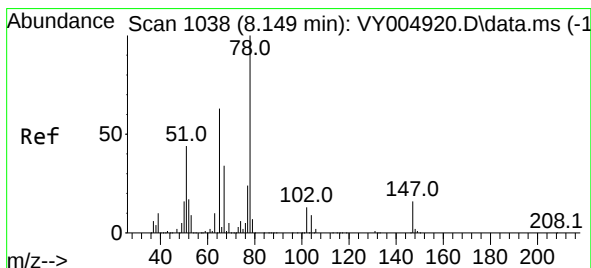
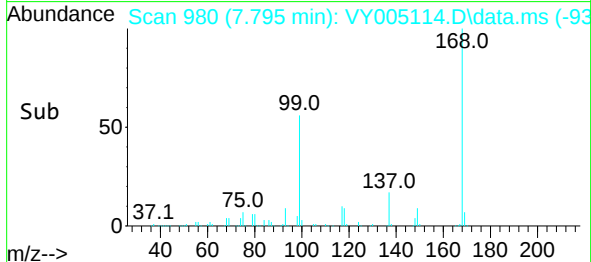
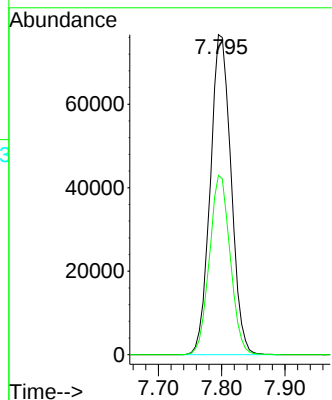
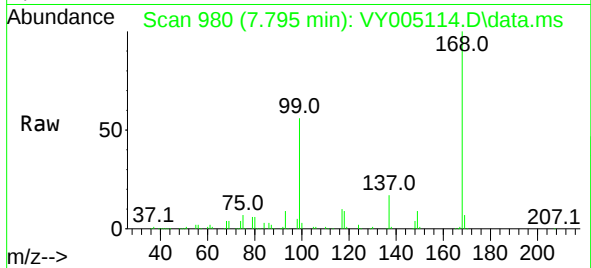




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

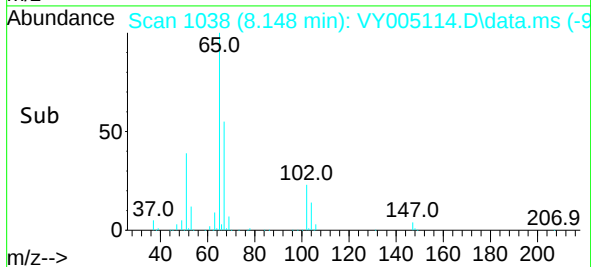
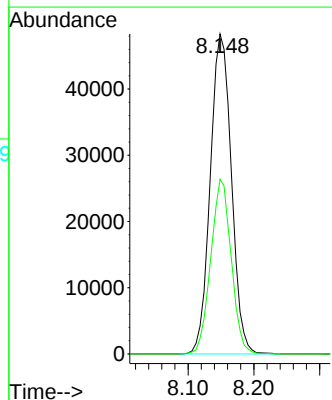
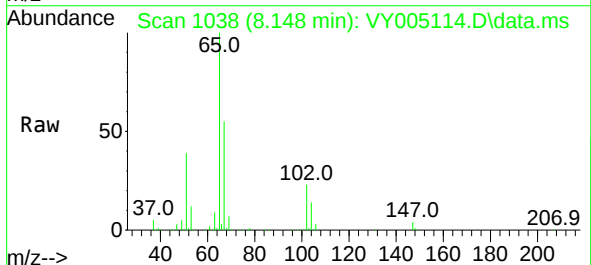
Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

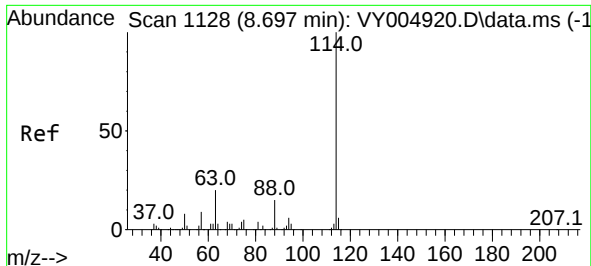
Tgt Ion:168 Resp: 174829
Ion Ratio Lower Upper
168 100
99 56.1 43.9 65.9



#33
1,2-Dichloroethane-d4
Concen: 58.446 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Tgt Ion: 65 Resp: 108023
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.6

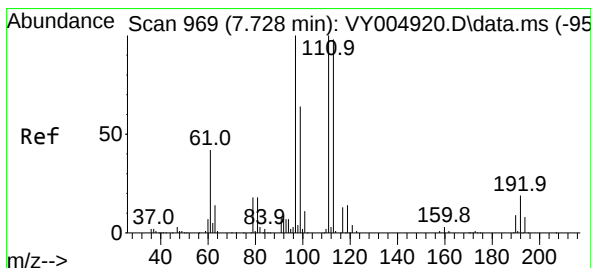
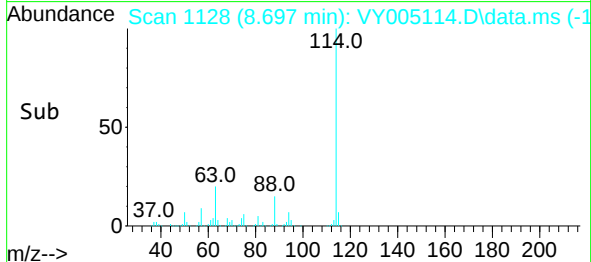
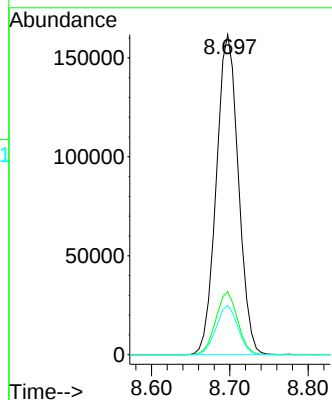
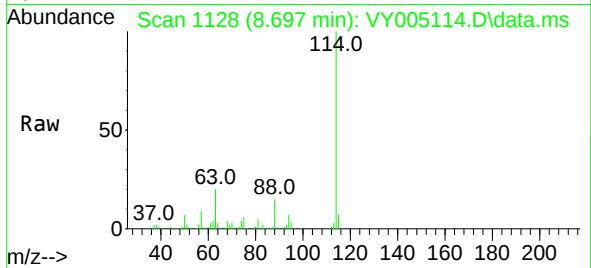




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

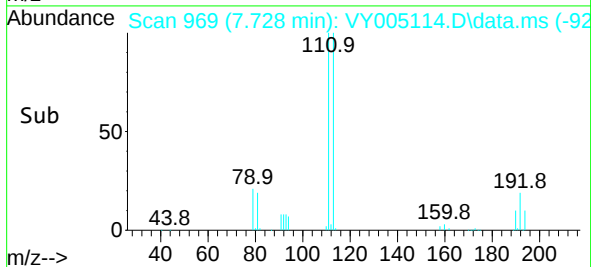
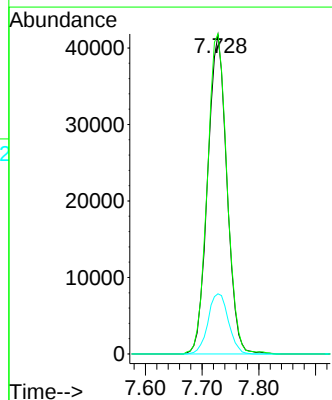
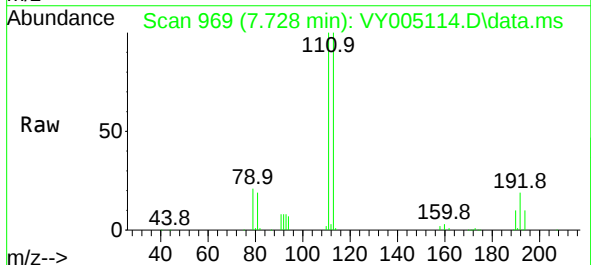
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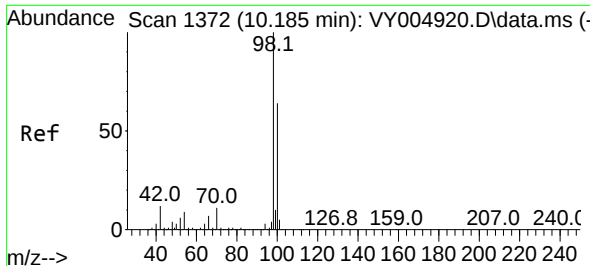
Tgt Ion:	114	Resp:	317024
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.0
88	15.3	0.0	30.6



#35
Dibromofluoromethane
Concen: 57.525 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Tgt Ion:	113	Resp:	98116
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	20.0	15.3	22.9

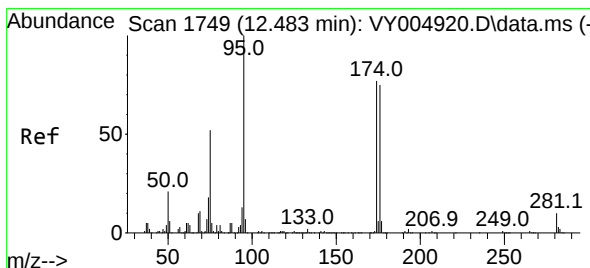
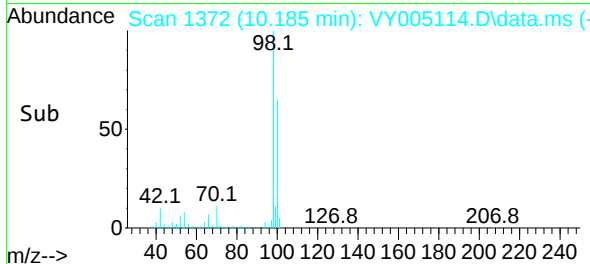
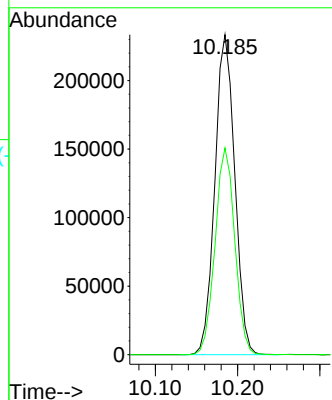
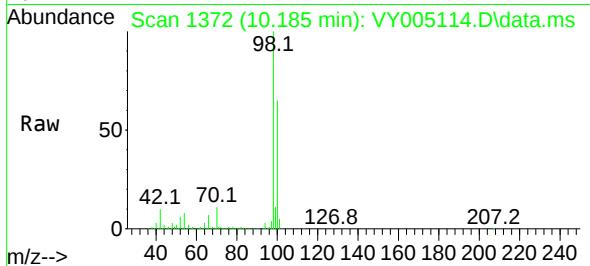




#50
Toluene-d8
Concen: 55.496 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

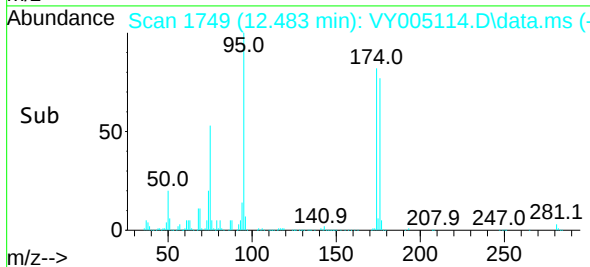
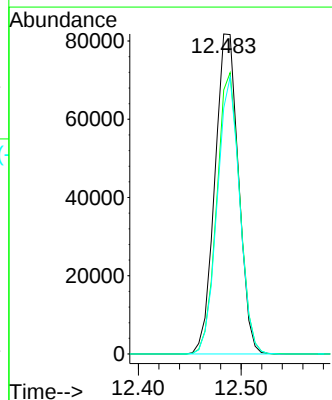
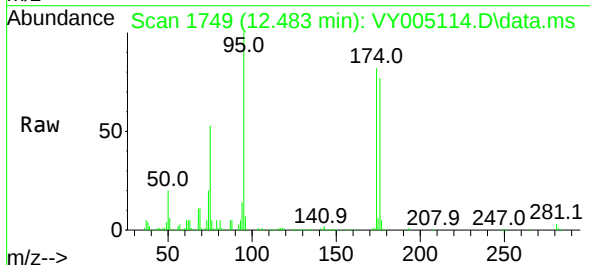
Instrument :
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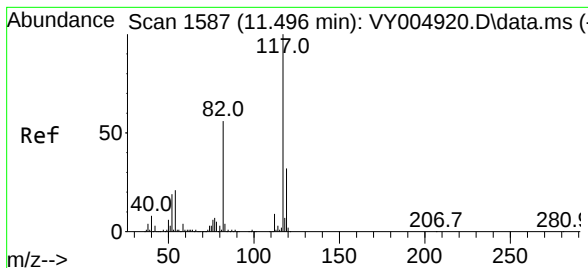
Tgt Ion: 98 Resp: 393120
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.494 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Tgt Ion: 95 Resp: 130323
Ion Ratio Lower Upper
95 100
174 85.3 0.0 160.8
176 82.3 0.0 155.6

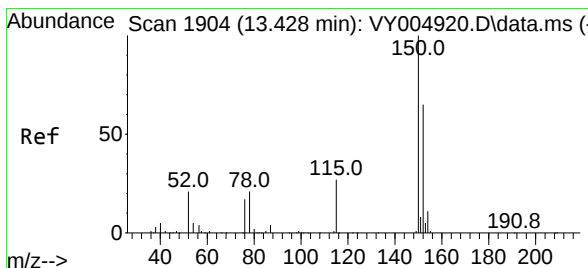
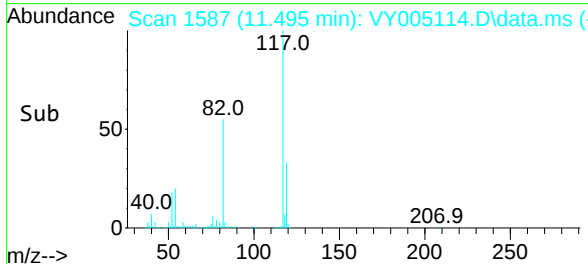
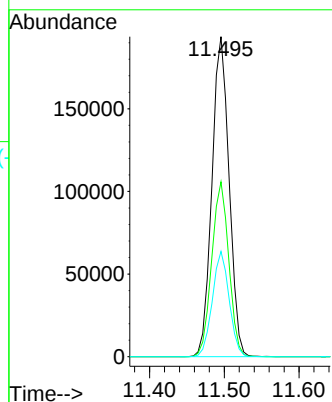
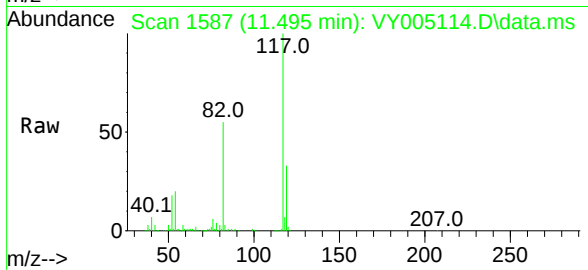




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0611SBL01

Tgt Ion:117 Resp: 309507
Ion Ratio Lower Upper
117 100
82 54.7 44.8 67.2
119 32.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005114.D
Acq: 11 Jun 2021 11:01

Tgt Ion:152 Resp: 142487
Ion Ratio Lower Upper
152 100
115 57.8 29.9 89.7
150 157.9 0.0 347.8

