

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006616.D
 Acq On : 03 Nov 2021 21:03
 Operator : SY/MD
 Sample : M4438-01
 Misc : 4.46G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FDR-20211101-WC-S

Quant Time: Nov 03 21:59:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	138721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	233969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	201742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68033	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	103654	60.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.440%
35) Dibromofluoromethane	7.728	113	72003	55.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.420%
50) Toluene-d8	10.184	98	295077	53.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.760%
62) 4-Bromofluorobenzene	12.483	95	80891	43.438	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.880%

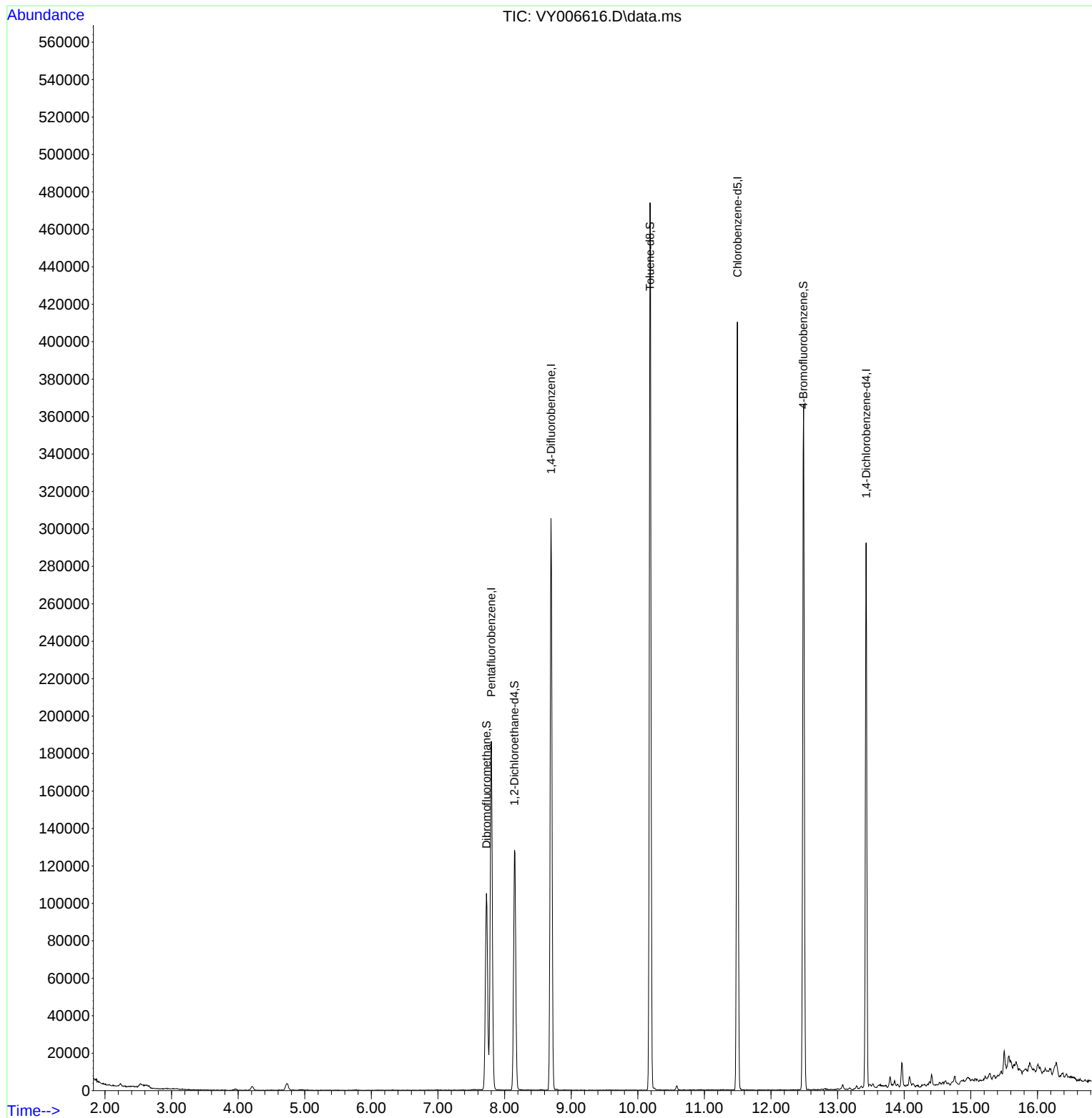
Target Compounds	Qvalue

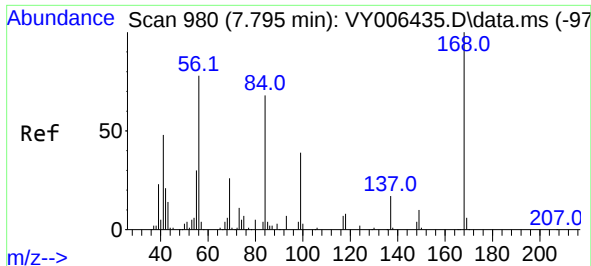
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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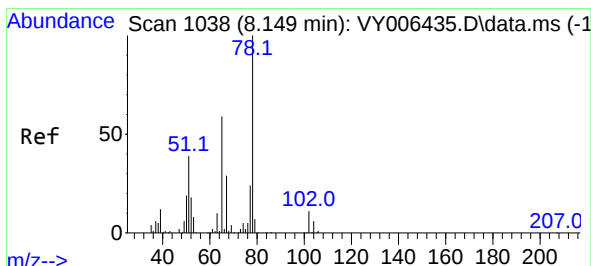
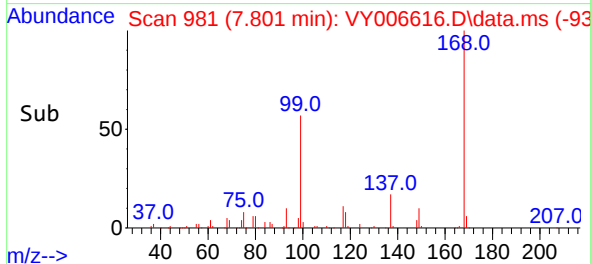
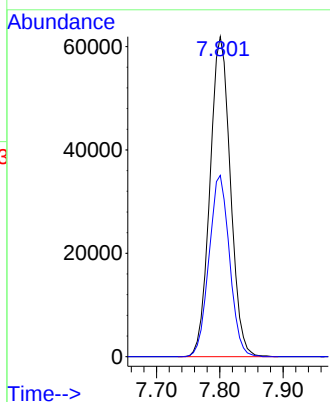
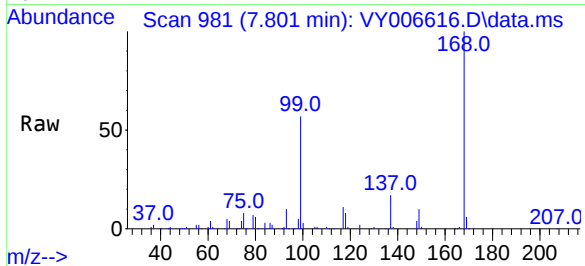




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006616.D
Acq: 03 Nov 2021 21:03

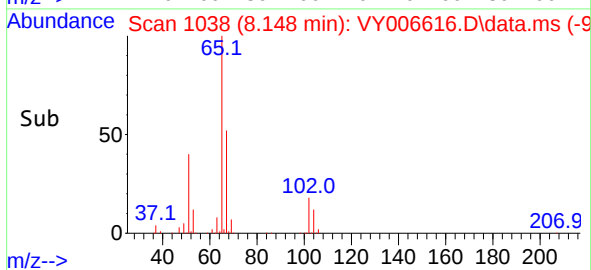
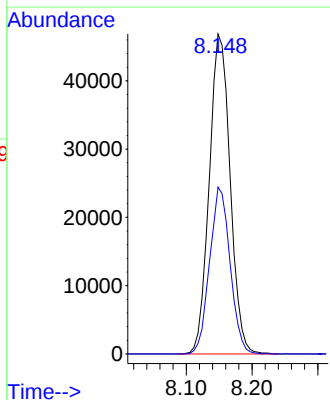
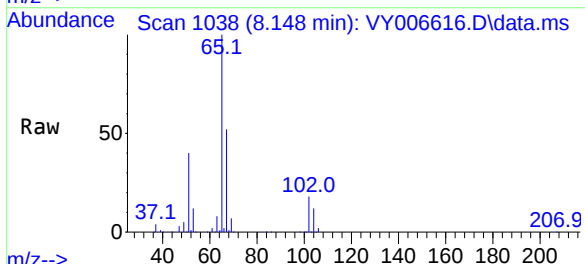
Instrument :
MSVOA_Y
ClientSampleId :
FDR-20211101-WC-S

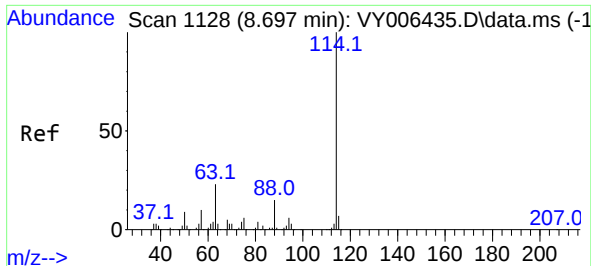
Tgt Ion:168 Resp: 138721
Ion Ratio Lower Upper
168 100
99 56.6 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 60.721 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006616.D
Acq: 03 Nov 2021 21:03

Tgt Ion: 65 Resp: 103654
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006616.D

Acq: 03 Nov 2021 21:03

Instrument :

MSVOA_Y

ClientSampleId :

FDR-20211101-WC-S

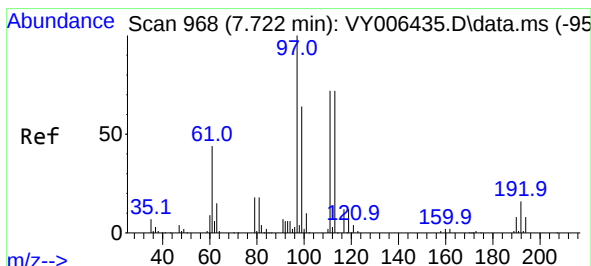
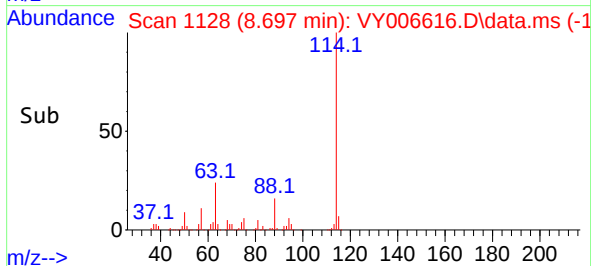
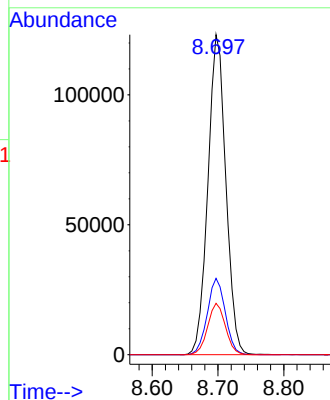
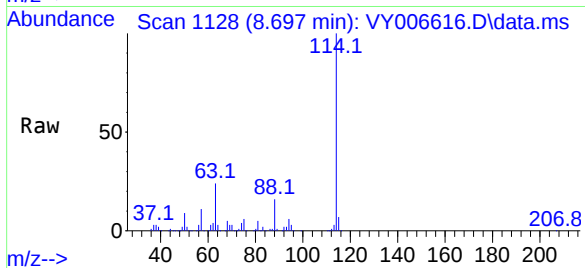
Tgt Ion:114 Resp: 233969

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.214 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006616.D

Acq: 03 Nov 2021 21:03

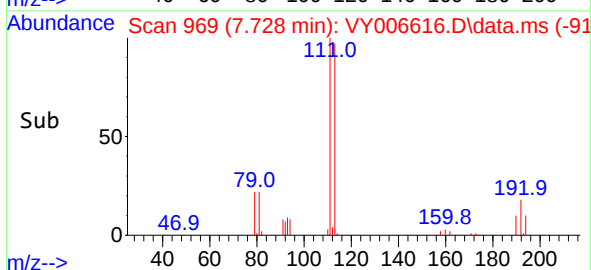
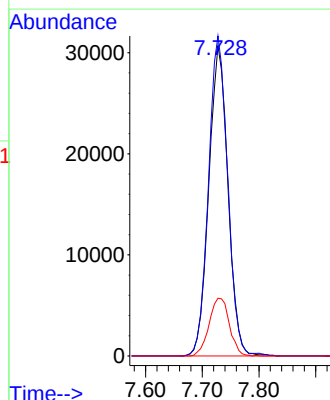
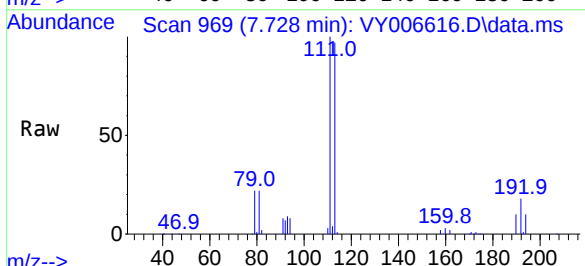
Tgt Ion:113 Resp: 72003

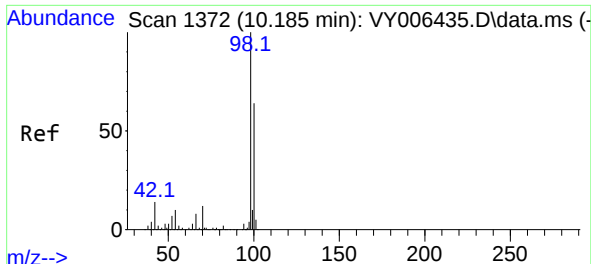
Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 19.7 17.4 26.2

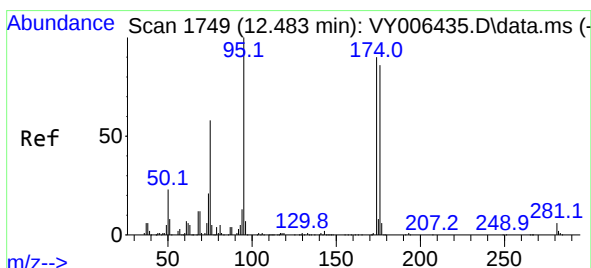
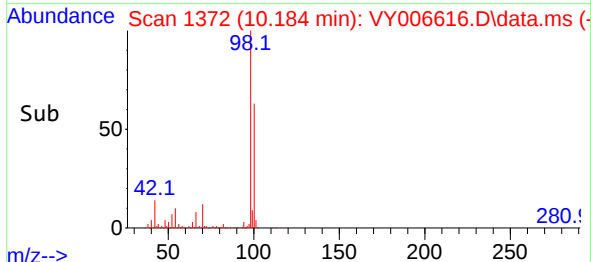
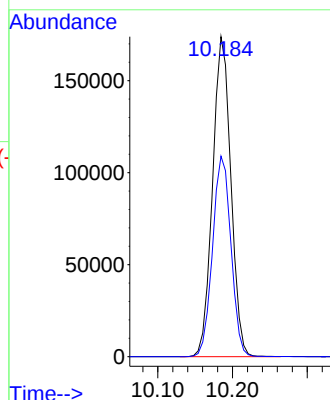
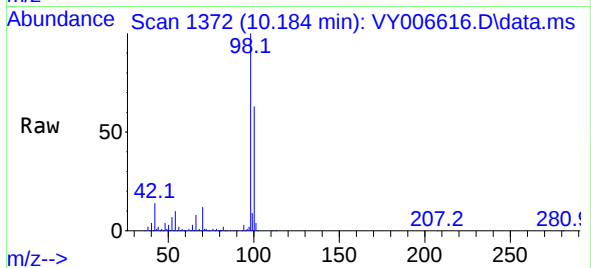




#50
Toluene-d8
Concen: 53.377 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006616.D
Acq: 03 Nov 2021 21:03

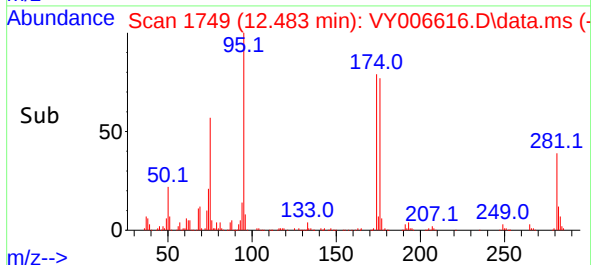
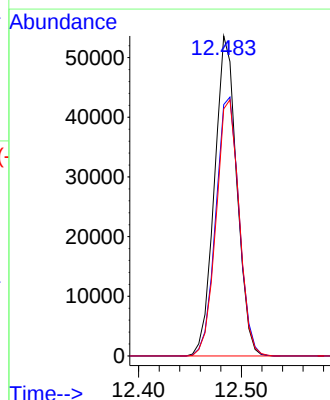
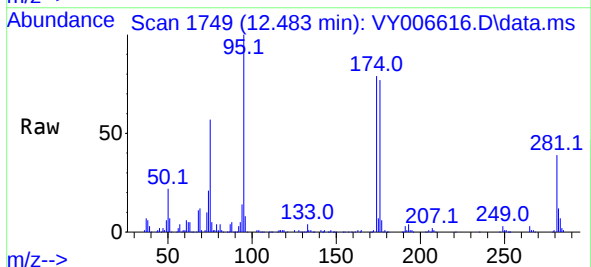
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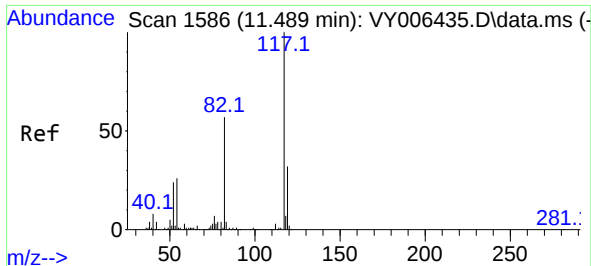
Tgt Ion: 98 Resp: 295077
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.438 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006616.D
Acq: 03 Nov 2021 21:03

Tgt Ion: 95 Resp: 80891
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 82.0 0.0 169.4

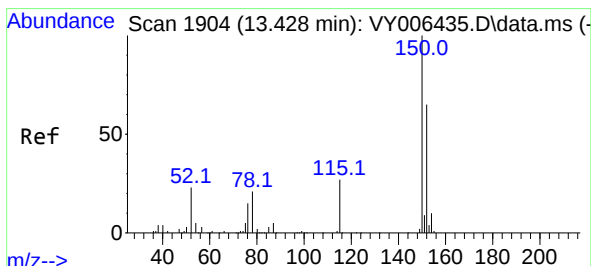
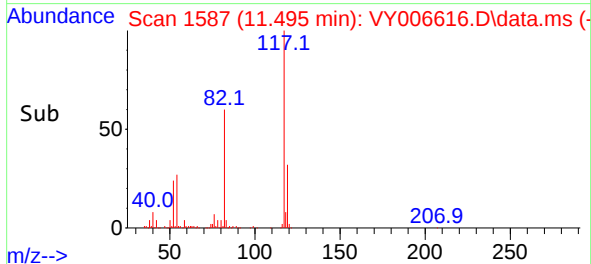
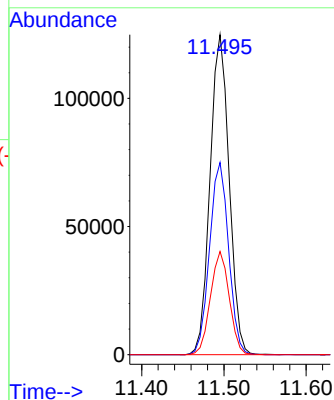
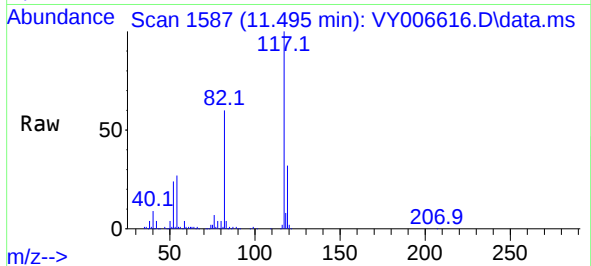




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006616.D
Acq: 03 Nov 2021 21:03

Instrument :
MSVOA_Y
ClientSampleId :
FDR-20211101-WC-S

Tgt Ion:117 Resp: 201742
Ion Ratio Lower Upper
117 100
82 60.1 45.7 68.5
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006616.D
Acq: 03 Nov 2021 21:03

Tgt Ion:152 Resp: 68033
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.5
150 157.0 0.0 348.2

