

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009832.D
 Acq On : 04 Aug 2022 15:11
 Operator : KP/MD
 Sample : N3961-01
 Misc : 2.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-168

Quant Time: Aug 05 01:43:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	52297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	100490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	94348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	27238	65.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.400%
35) Dibromofluoromethane	7.710	113	25454	41.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.080%
50) Toluene-d8	10.179	98	90042	50.067	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.483	95	27103	32.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	65.340%

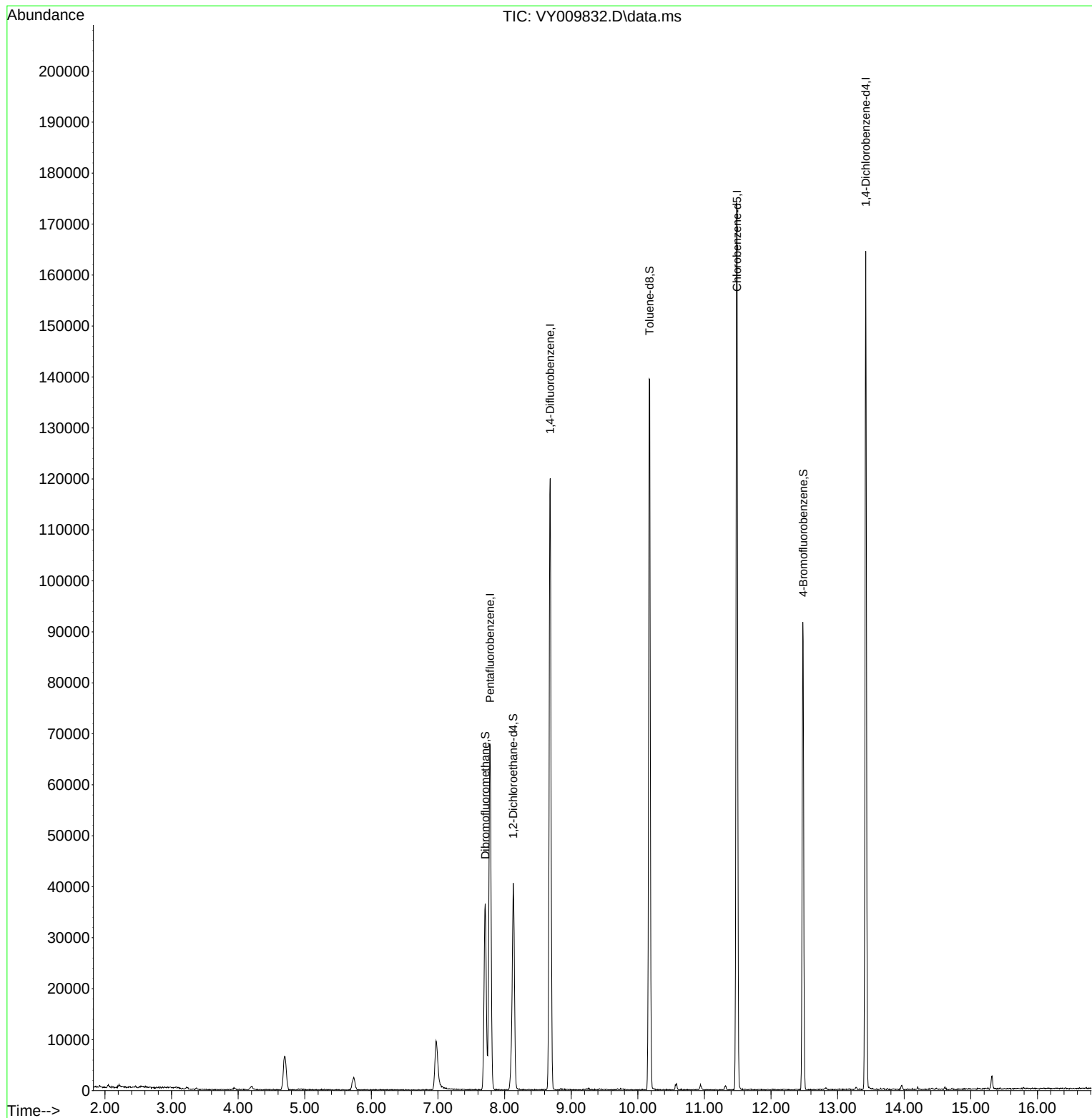
Target Compounds	Qvalue

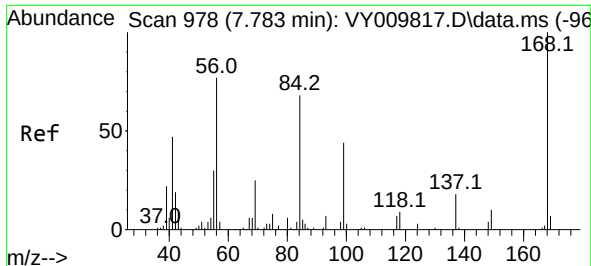
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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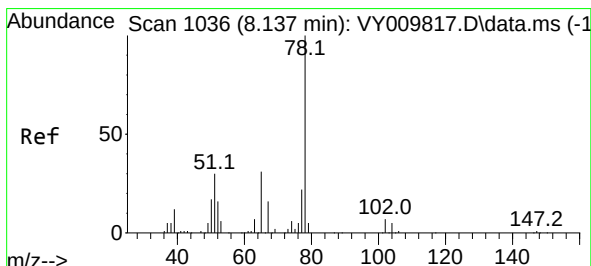
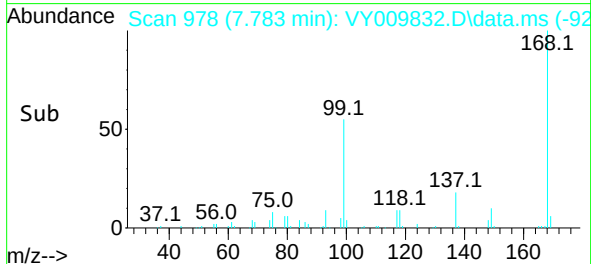
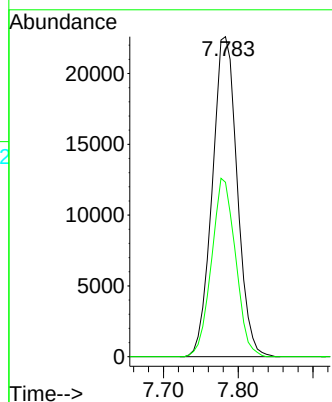
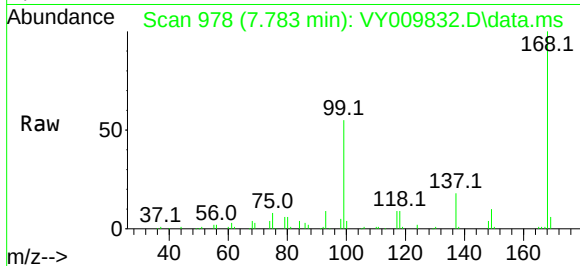




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

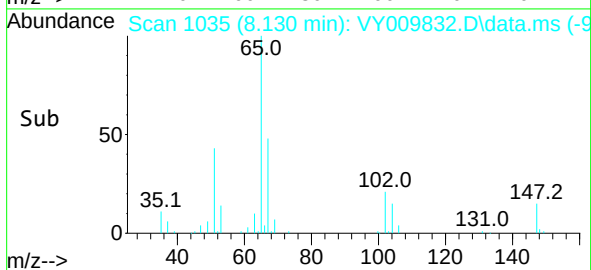
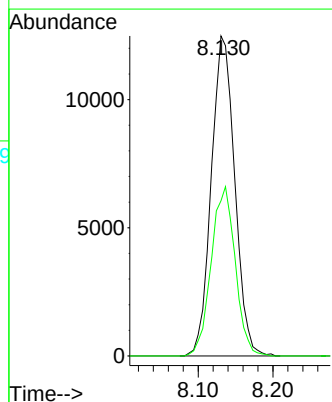
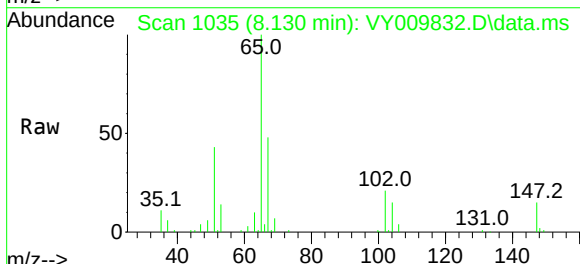
Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

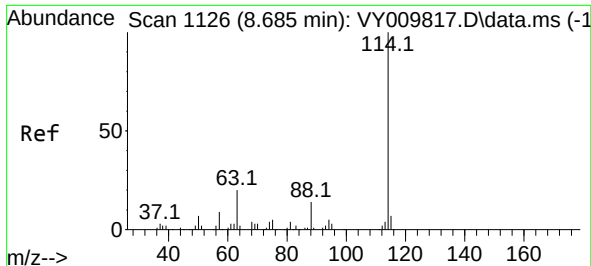
Tgt Ion:168 Resp: 52297
Ion Ratio Lower Upper
168 100
99 54.5 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 65.202 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

Tgt Ion: 65 Resp: 27238
Ion Ratio Lower Upper
65 100
67 54.2 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009832.D

Acq: 04 Aug 2022 15:11

Instrument :

MSVOA_Y

ClientSampleId :

RVE-168

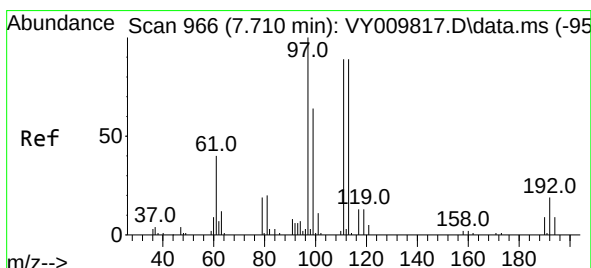
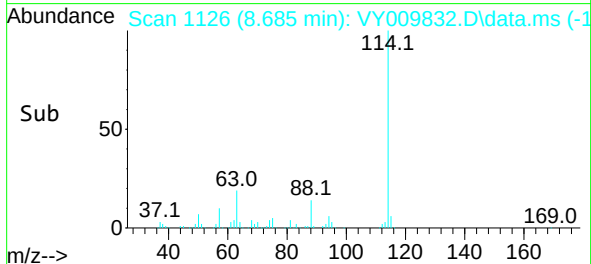
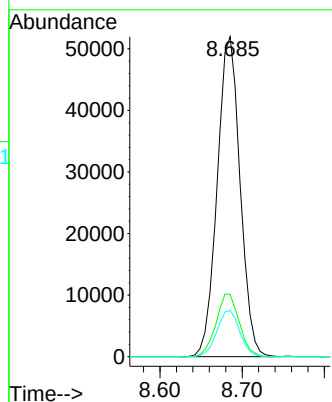
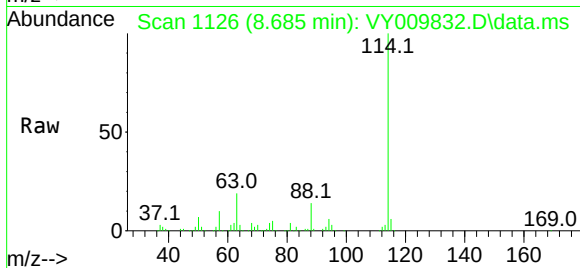
Tgt Ion:114 Resp: 100490

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 14.4 0.0 27.6



#35

Dibromofluoromethane

Concen: 41.544 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009832.D

Acq: 04 Aug 2022 15:11

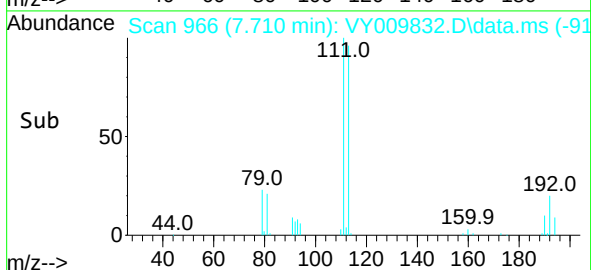
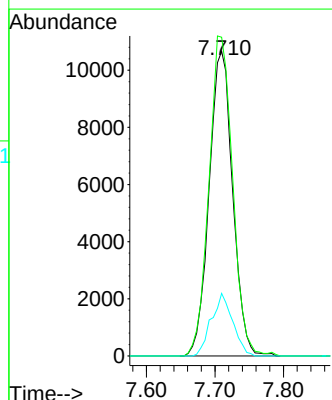
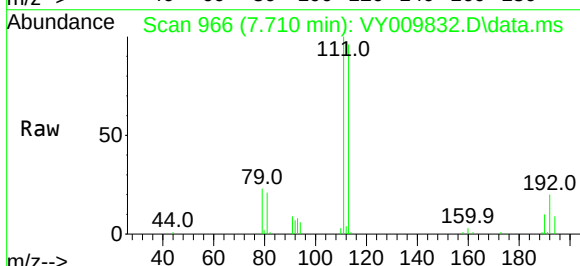
Tgt Ion:113 Resp: 25454

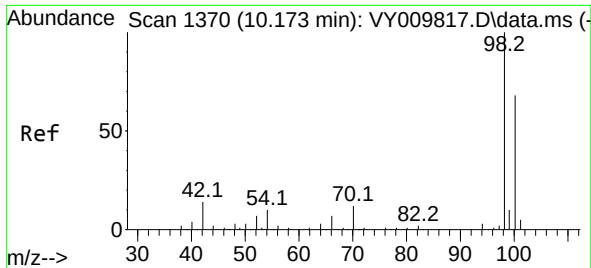
Ion Ratio Lower Upper

113 100

111 105.8 82.4 123.6

192 18.7 16.5 24.7

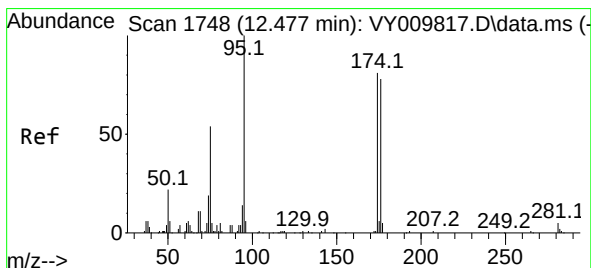
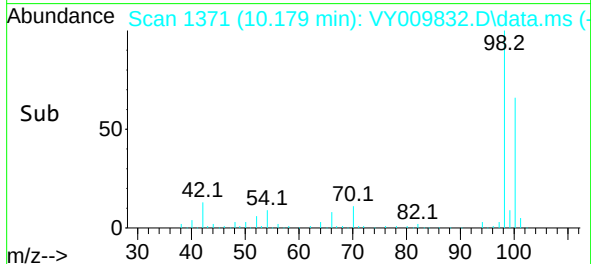
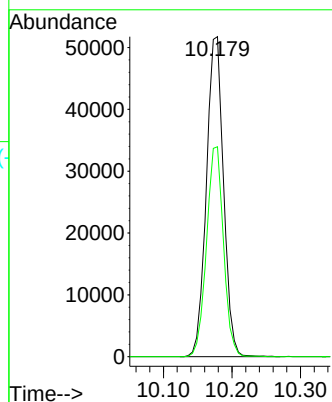
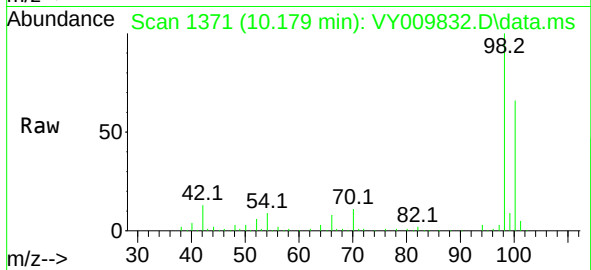




#50
Toluene-d8
Concen: 50.067 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

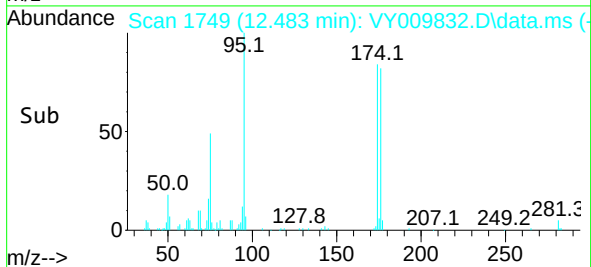
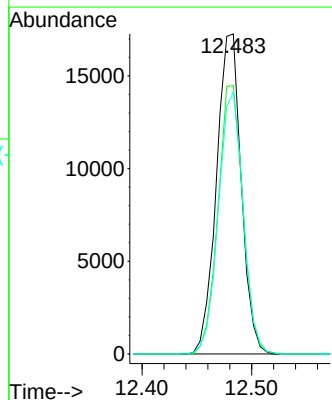
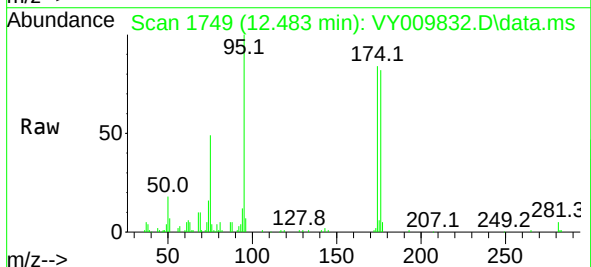
Instrument :
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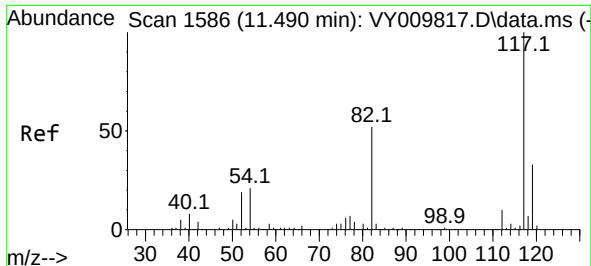
Tgt Ion: 98 Resp: 90042
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 32.667 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

Tgt Ion: 95 Resp: 27103
Ion Ratio Lower Upper
95 100
174 84.1 0.0 168.6
176 82.0 0.0 163.6

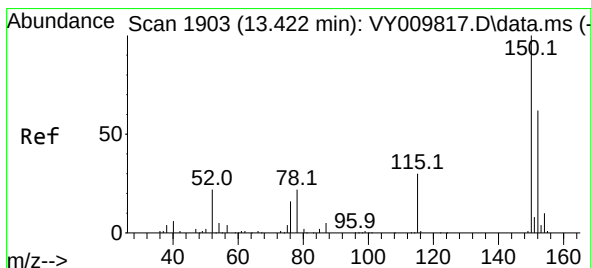
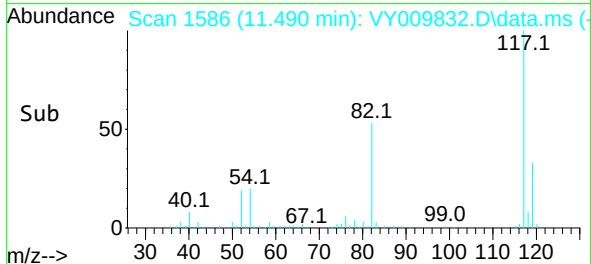
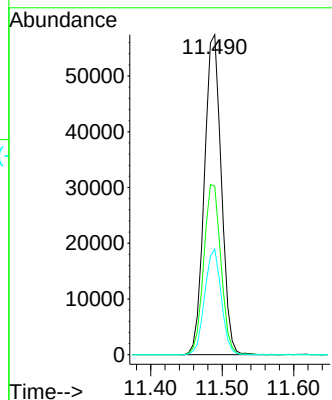
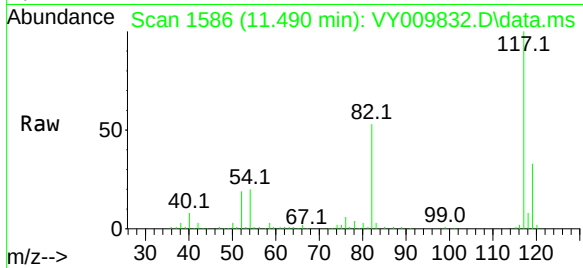




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

Instrument :
MSVOA_Y
ClientSampleId :
RVE-168

Tgt Ion:117 Resp: 94348
Ion Ratio Lower Upper
117 100
82 52.7 41.7 62.5
119 33.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009832.D
Acq: 04 Aug 2022 15:11

Tgt Ion:152 Resp: 39851
Ion Ratio Lower Upper
152 100
115 57.1 28.9 86.7
150 159.0 0.0 354.2

