

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009015.D
 Acq On : 23 May 2022 18:38
 Operator : KP/MD
 Sample : N2910-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D2472-PADS

Quant Time: May 24 01:50:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	106857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	194335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67722	61.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.160%
35) Dibromofluoromethane	7.716	113	62713	51.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.800%
50) Toluene-d8	10.179	98	243761	54.677	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.360%
62) 4-Bromofluorobenzene	12.483	95	66247	36.837	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.680%

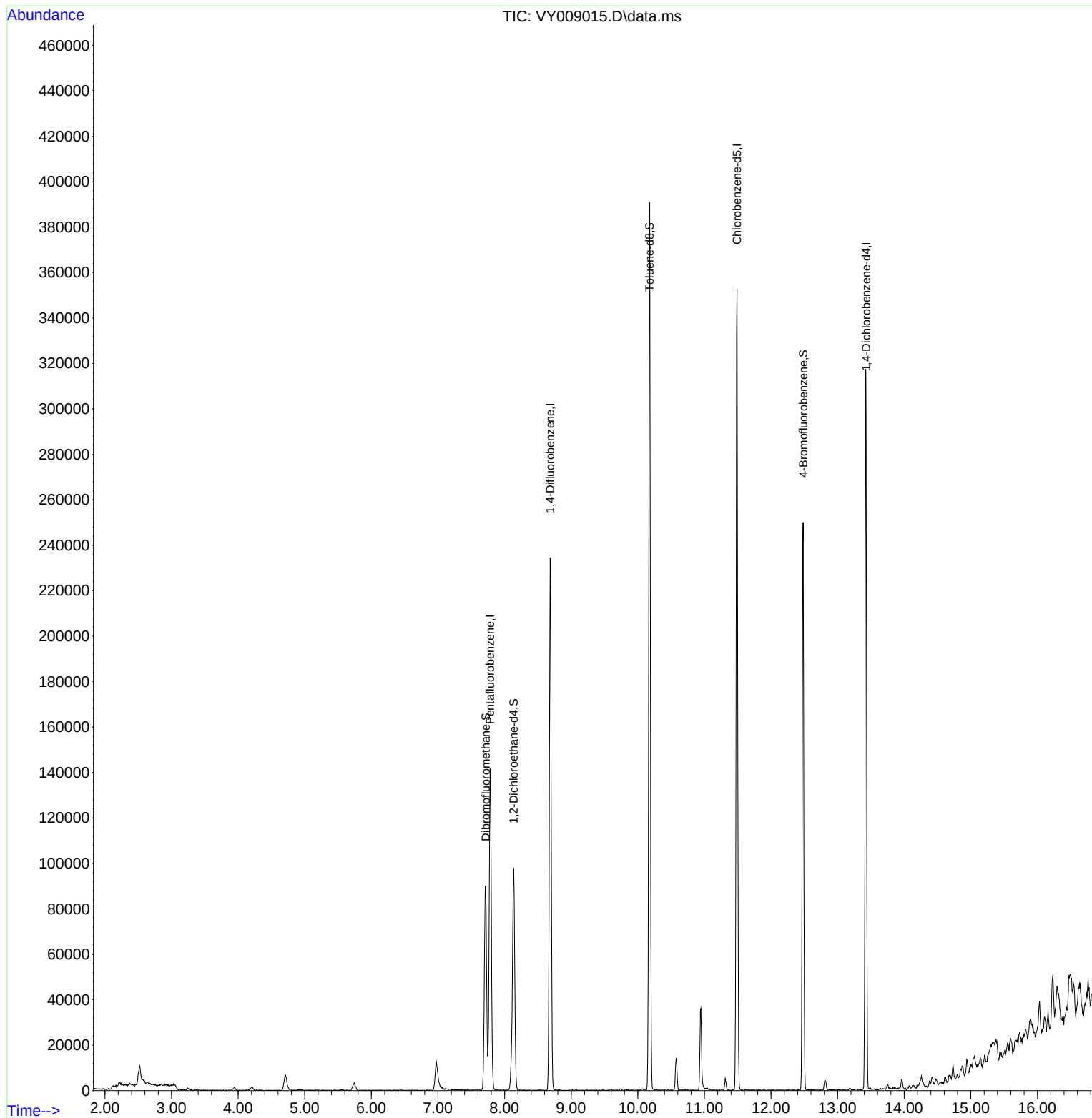
Target Compounds	Qvalue

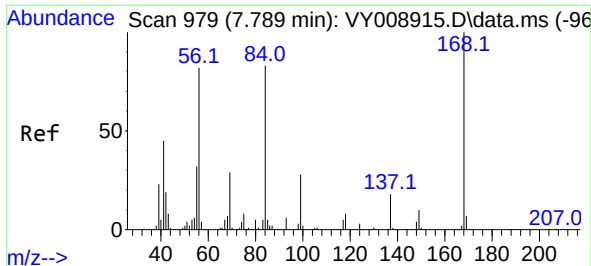
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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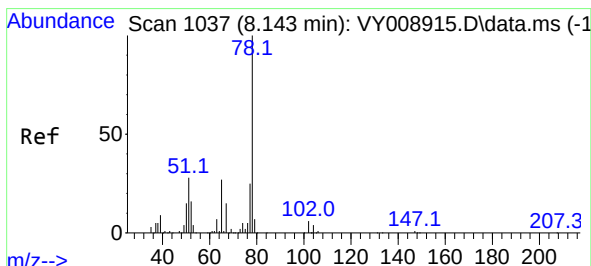
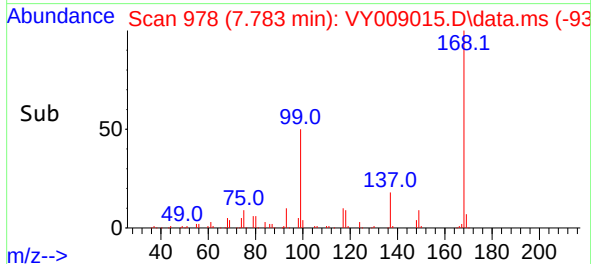
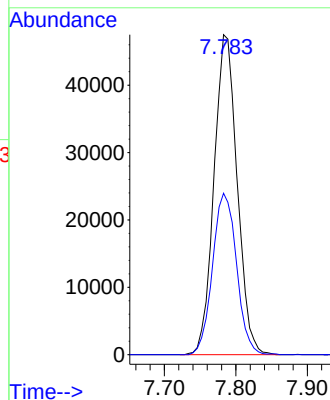
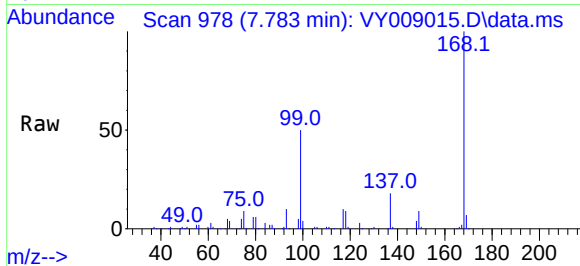




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

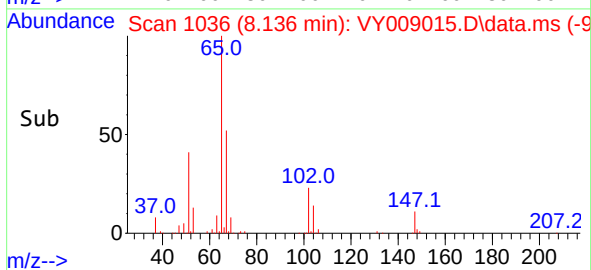
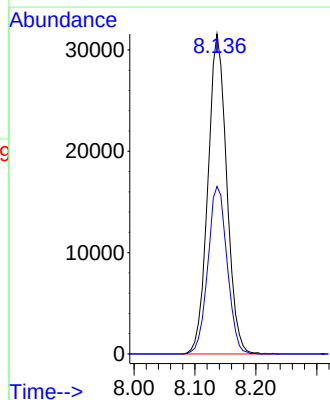
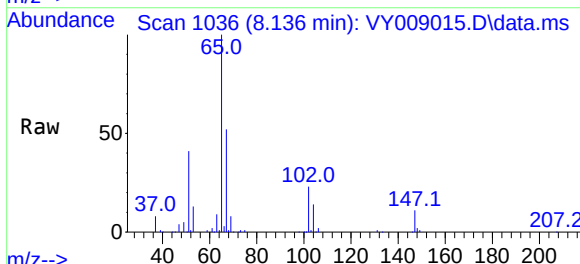
Instrument :
MSVOA_Y
ClientSampleId :
D2472-PADS

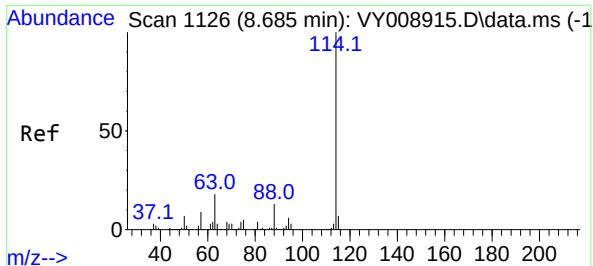
Tgt Ion:168 Resp: 106857
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.579 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

Tgt Ion: 65 Resp: 67722
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009015.D

Acq: 23 May 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

D2472-PADS

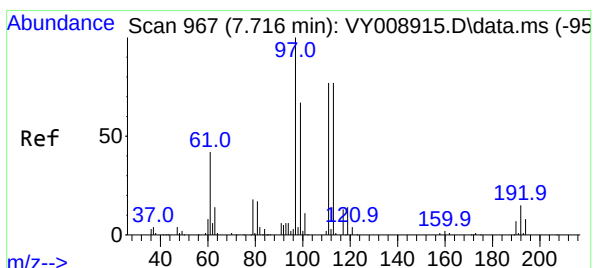
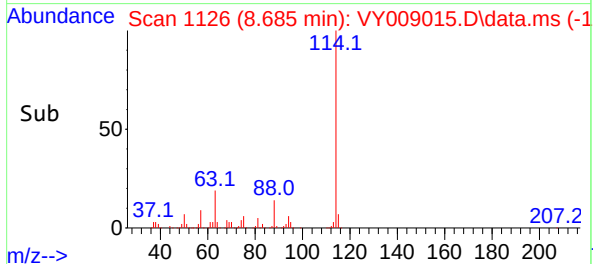
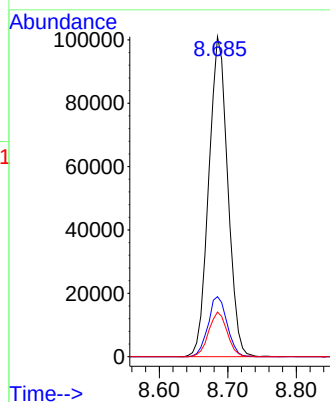
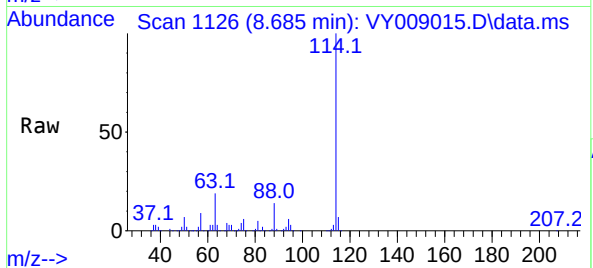
Tgt Ion:114 Resp: 194335

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.895 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009015.D

Acq: 23 May 2022 18:38

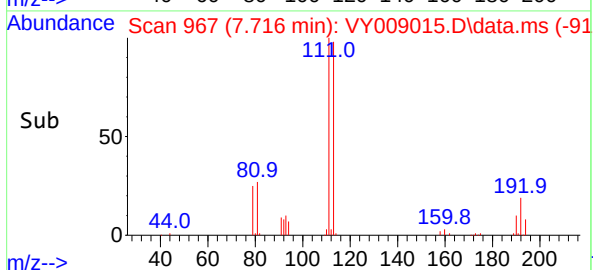
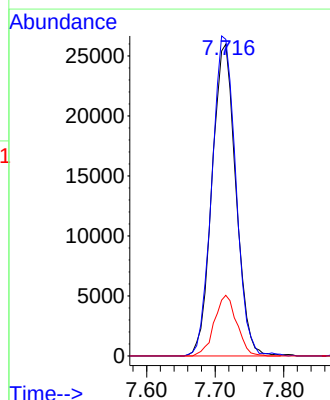
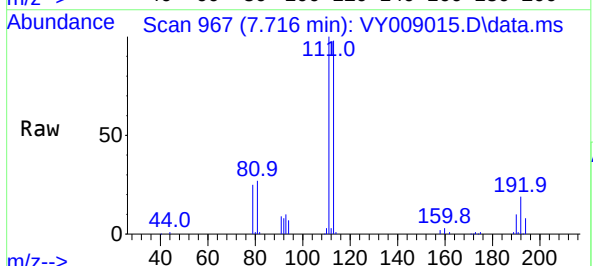
Tgt Ion:113 Resp: 62713

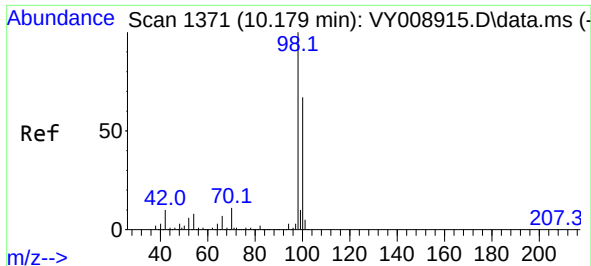
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 18.3 17.6 26.4

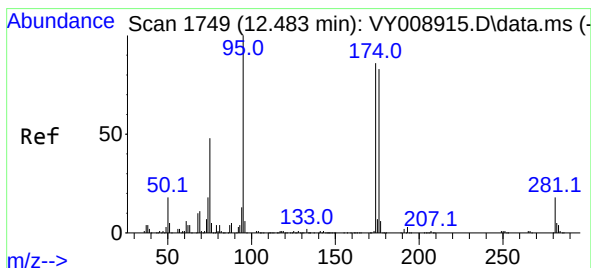
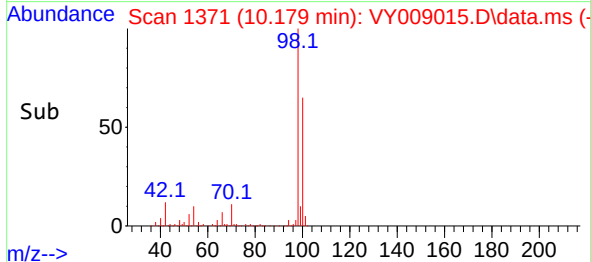
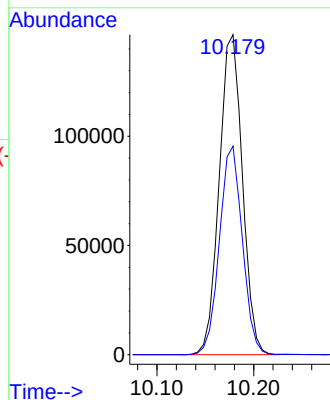
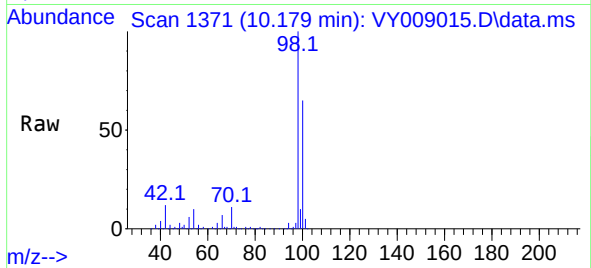




#50
Toluene-d8
Concen: 54.677 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

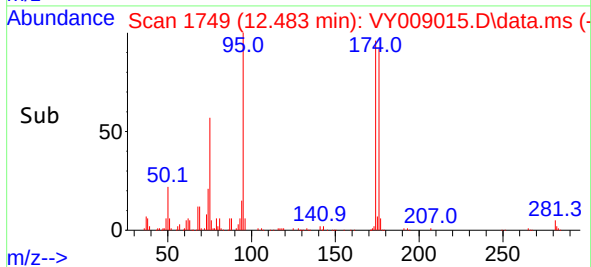
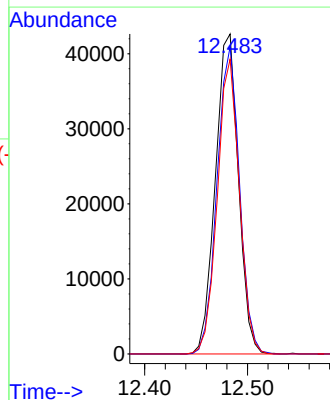
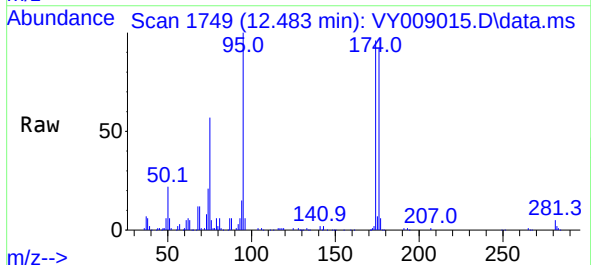
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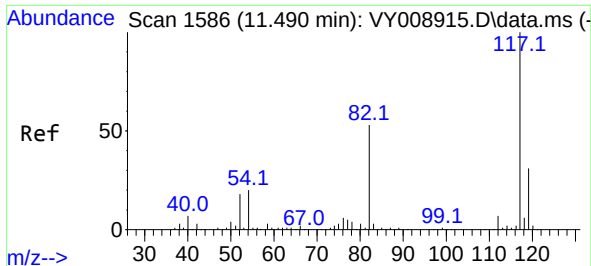
Tgt Ion: 98 Resp: 243761
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.837 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

Tgt Ion: 95 Resp: 66247
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.0
176 88.3 0.0 175.8

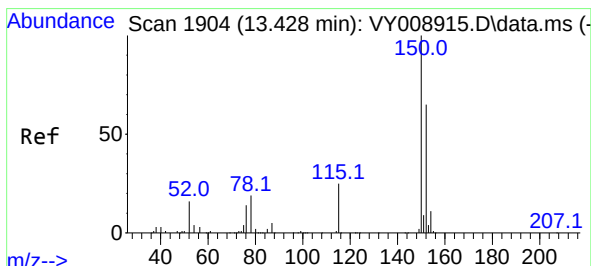
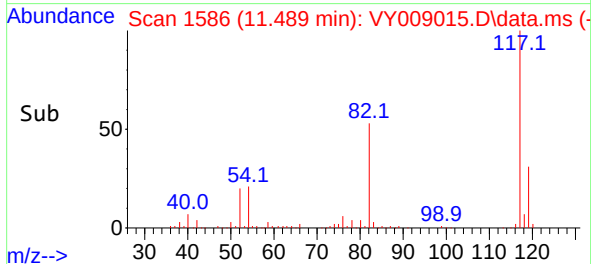
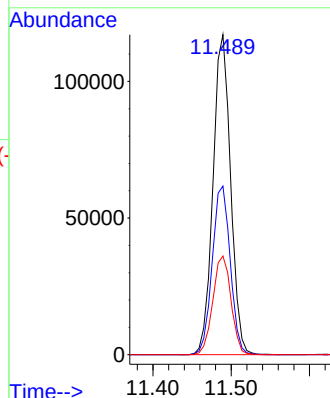
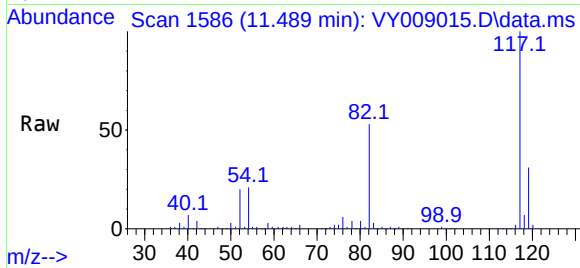




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

Instrument :
MSVOA_Y
ClientSampleId :
D2472-PADS

Tgt Ion:117 Resp: 182774
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 30.9 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: VY009015.D
Acq: 23 May 2022 18:38

Tgt Ion:152 Resp: 74680
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 160.8 0.0 347.6

