

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070622\
 Data File : VY009460.D
 Acq On : 06 Jul 2022 17:38
 Operator : KP/MD
 Sample : N3605-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-3-070622

Quant Time: Jul 07 01:51:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	198407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	318421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153405	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86923	54.697	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.400%
35) Dibromofluoromethane	7.710	113	76756	41.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.180%
50) Toluene-d8	10.173	98	298884	52.191	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	104.380%
62) 4-Bromofluorobenzene	12.477	95	105066	38.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	77.360%

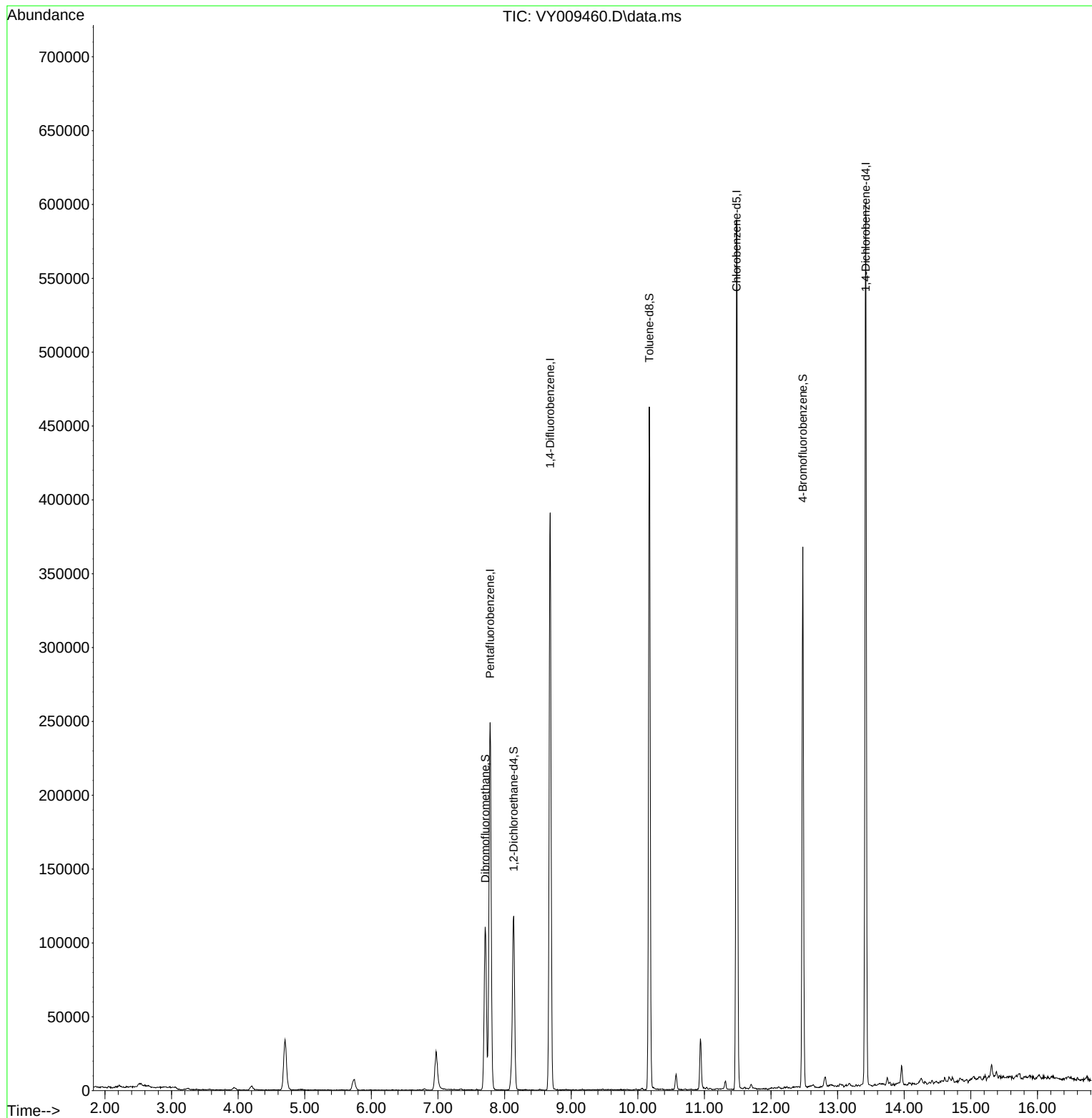
Target Compounds	Qvalue

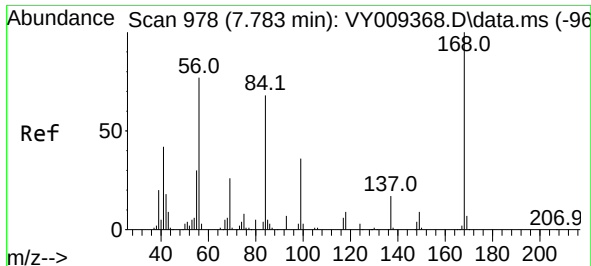
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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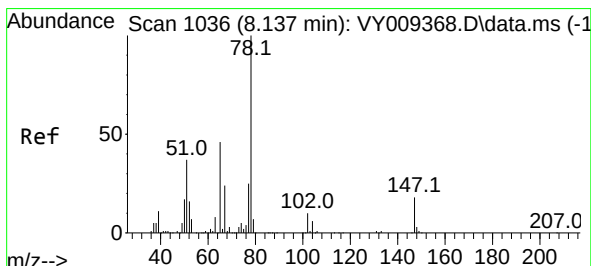
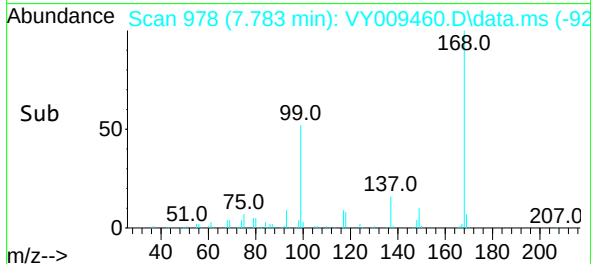
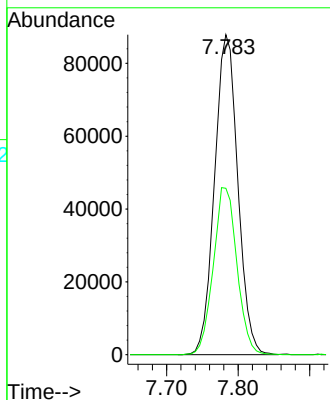
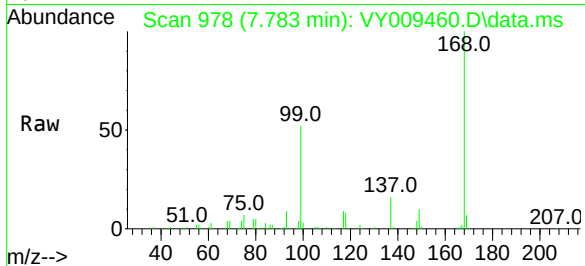




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009460.D
Acq: 06 Jul 2022 17:38

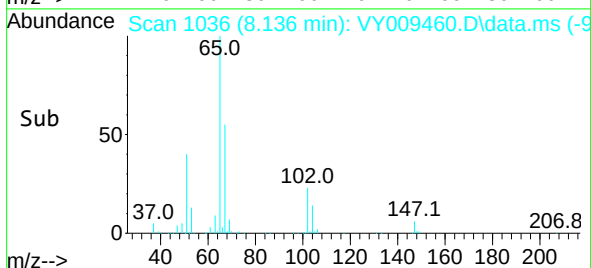
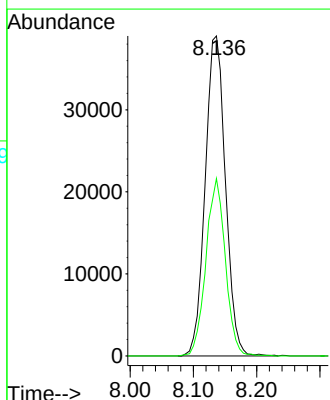
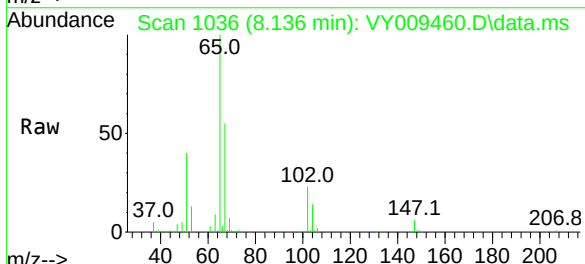
Instrument :
MSVOA_Y
ClientSampleId :
OE-3-070622

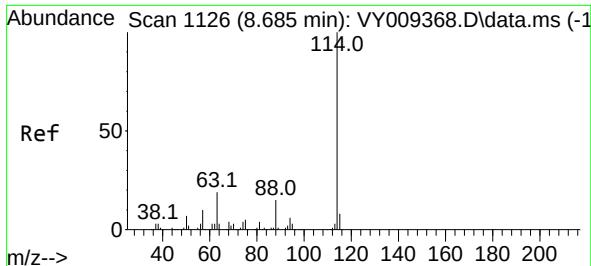
Tgt Ion:168 Resp: 198407
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.697 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009460.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 65 Resp: 86923
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009460.D

Acq: 06 Jul 2022 17:38

Instrument :

MSVOA_Y

ClientSampleId :

OE-3-070622

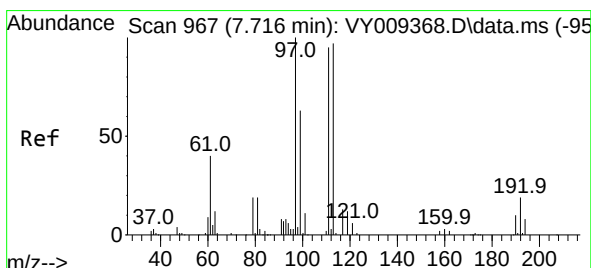
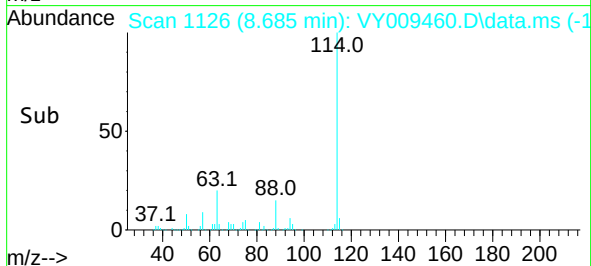
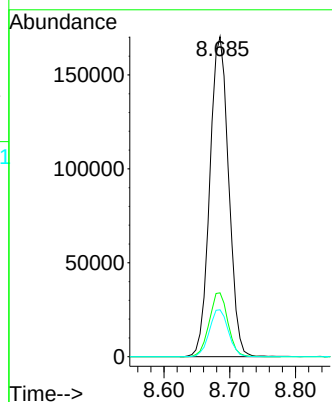
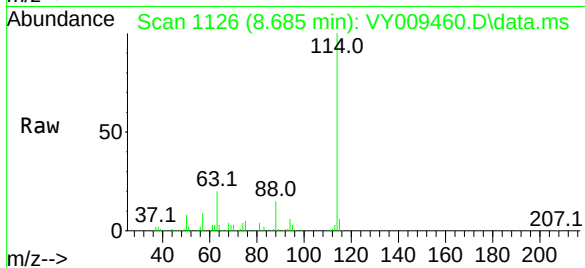
Tgt Ion:114 Resp: 339372

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.094 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009460.D

Acq: 06 Jul 2022 17:38

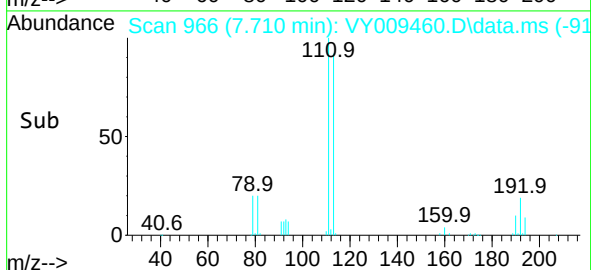
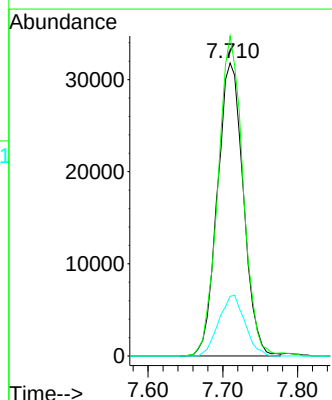
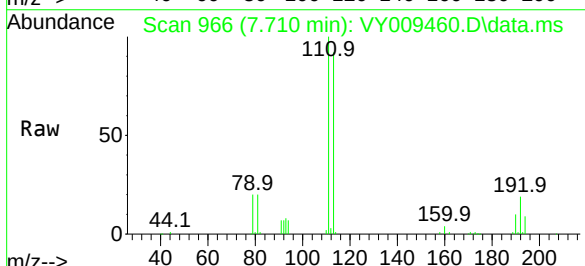
Tgt Ion:113 Resp: 76756

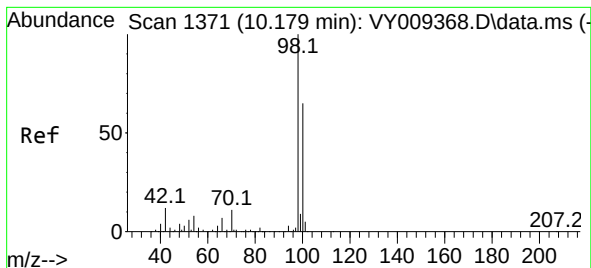
Ion Ratio Lower Upper

113 100

111 105.8 82.6 124.0

192 20.8 17.6 26.4

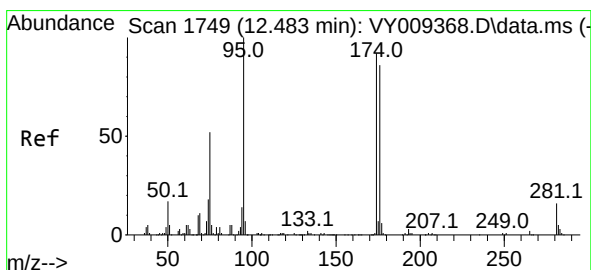
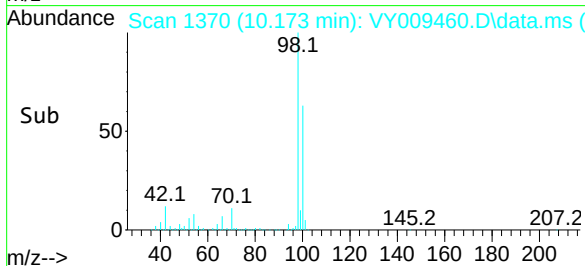
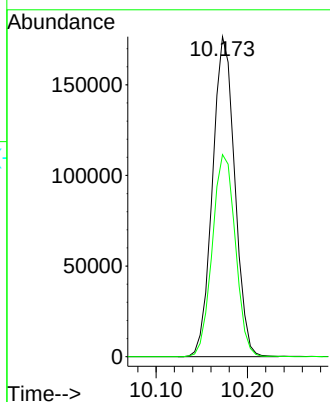
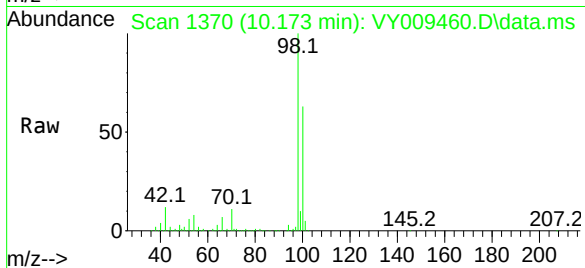




#50
Toluene-d8
Concen: 52.191 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009460.D
Acq: 06 Jul 2022 17:38

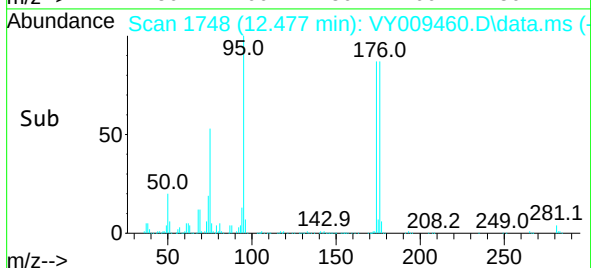
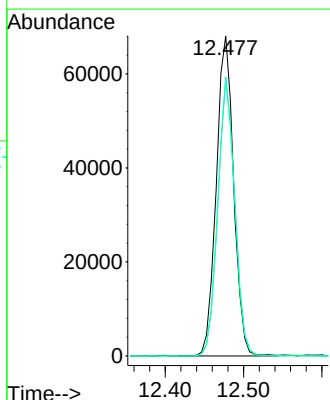
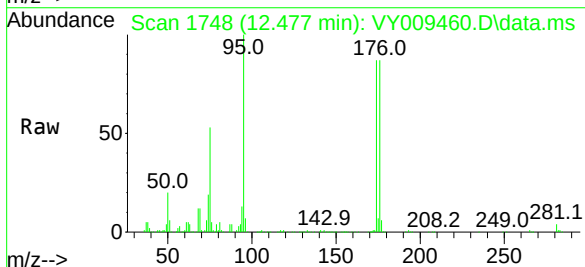
Instrument :
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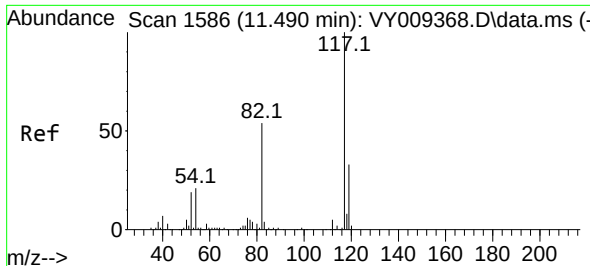
Tgt Ion: 98 Resp: 298884
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.684 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009460.D
Acq: 06 Jul 2022 17:38

Tgt Ion: 95 Resp: 105066
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 84.7 0.0 175.8

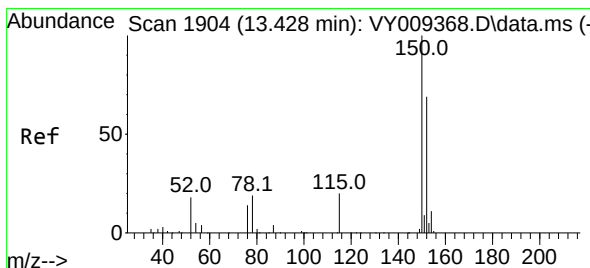
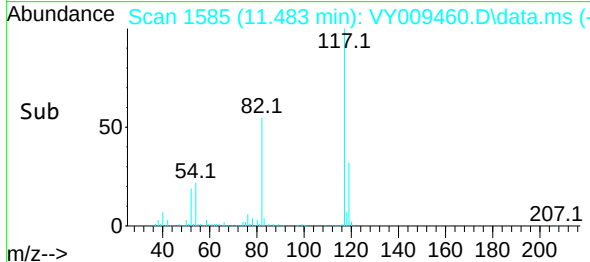
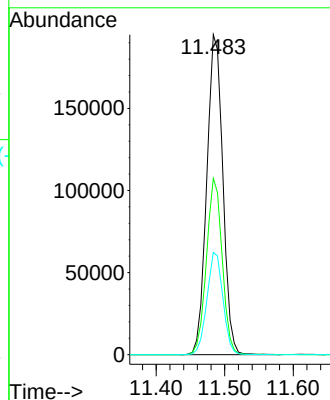
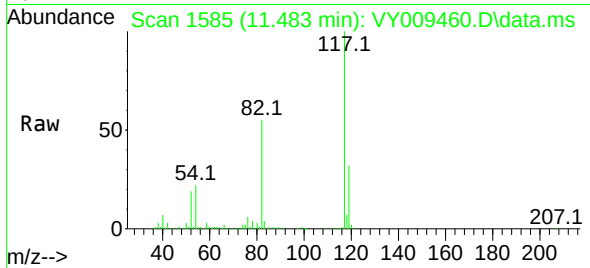




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009460.D
Acq: 06 Jul 2022 17:38

Instrument :
MSVOA_Y
ClientSampleId :
OE-3-070622

Tgt Ion:117 Resp: 318421
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009460.D
Acq: 06 Jul 2022 17:38

Tgt Ion:152 Resp: 153405
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 154.3 0.0 347.6

