

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070522\
 Data File : VY009435.D
 Acq On : 05 Jul 2022 14:21
 Operator : KP/MD
 Sample : N3567-01
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-07012022

Quant Time: Jul 06 04:49:52 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	143643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	241180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	229923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65275	56.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.480%
35) Dibromofluoromethane	7.710	113	57413	43.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.500%
50) Toluene-d8	10.173	98	215890	53.047	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	106.100%
62) 4-Bromofluorobenzene	12.477	95	69250	35.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	71.760%

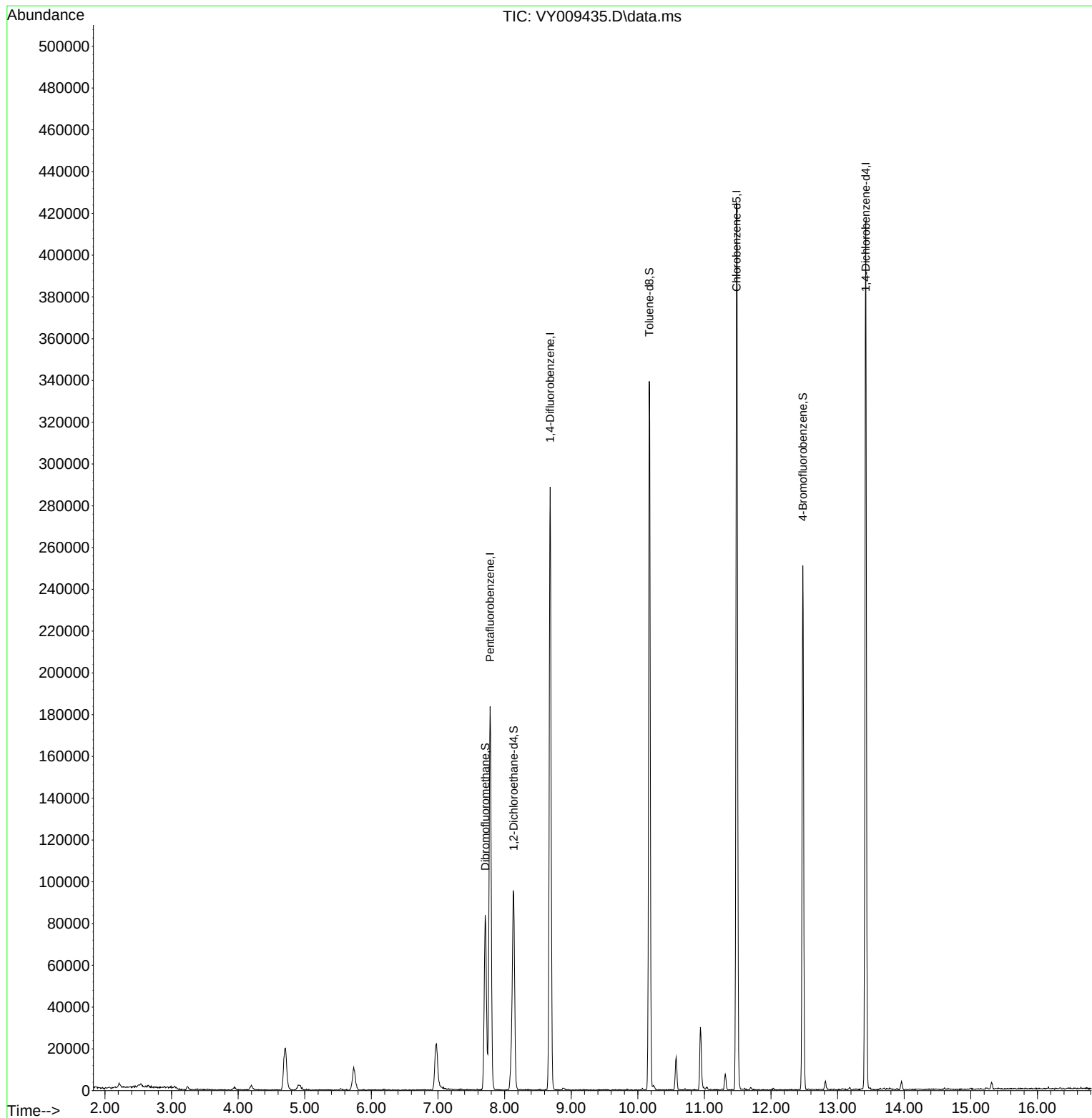
Target Compounds	Qvalue

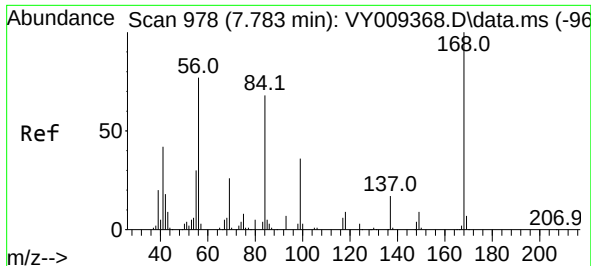
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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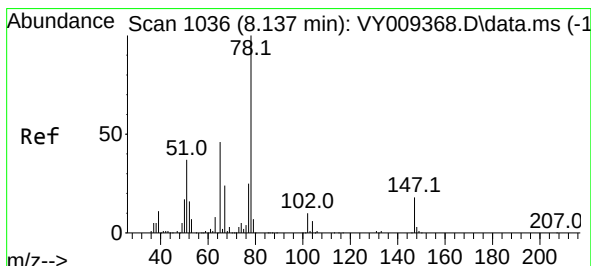
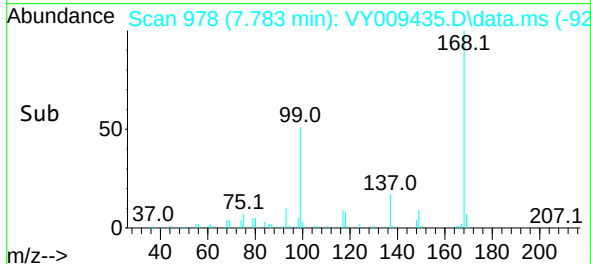
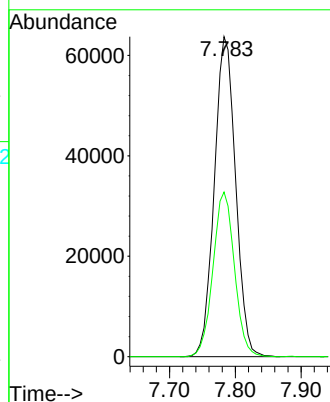
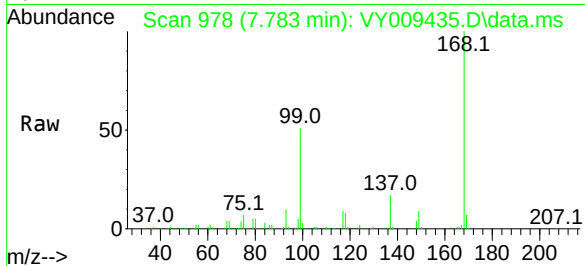




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

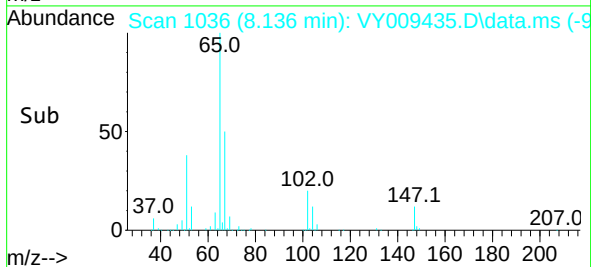
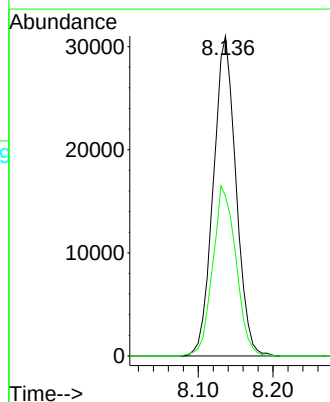
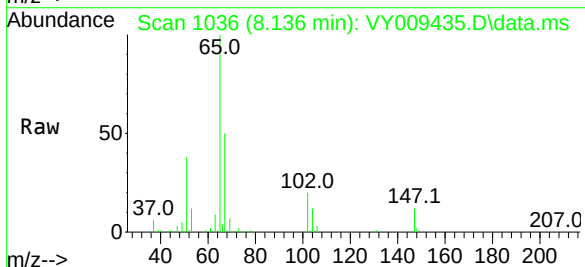
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-07012022

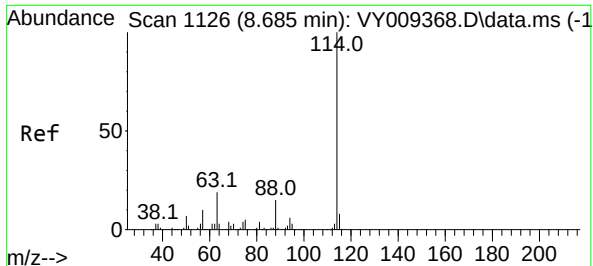
Tgt Ion:168 Resp: 143643
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.735 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

Tgt Ion: 65 Resp: 65275
Ion Ratio Lower Upper
65 100
67 54.5 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: VY009435.D

Acq: 05 Jul 2022 14:21

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-07012022

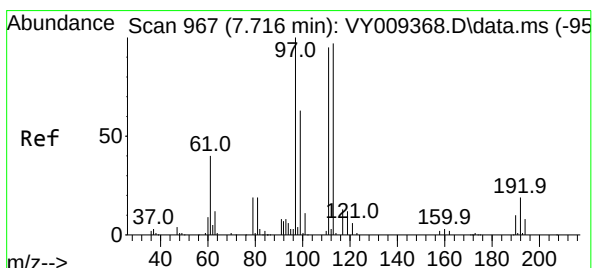
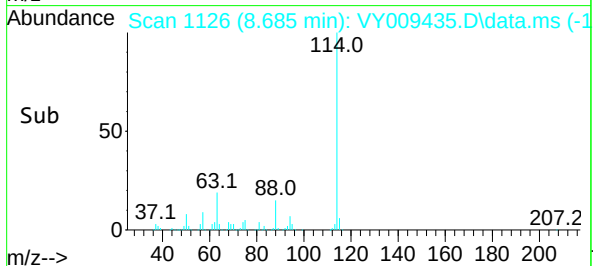
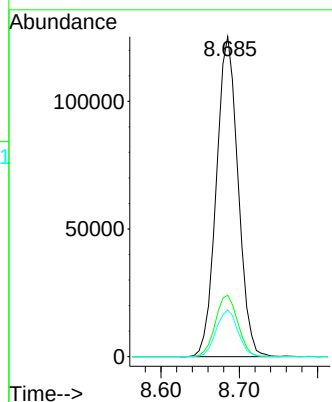
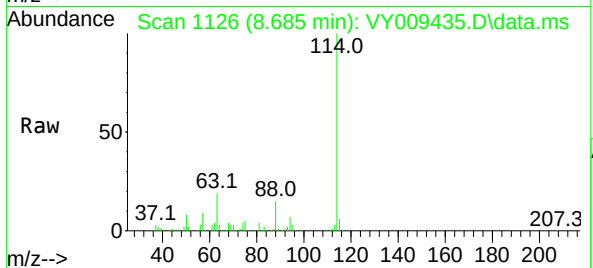
Tgt Ion:114 Resp: 241180

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.252 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009435.D

Acq: 05 Jul 2022 14:21

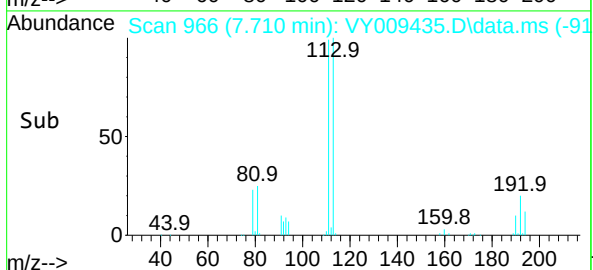
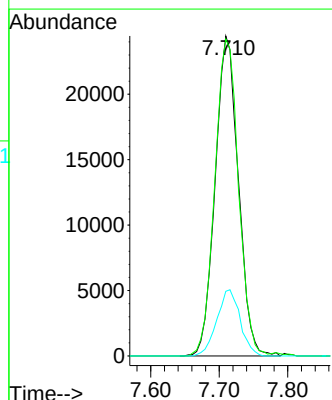
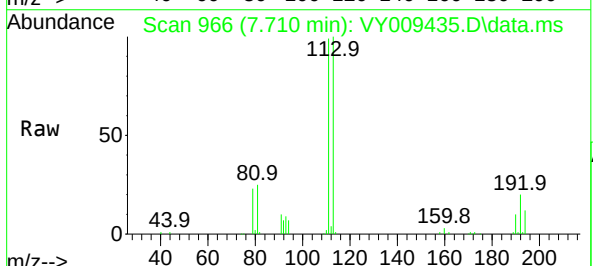
Tgt Ion:113 Resp: 57413

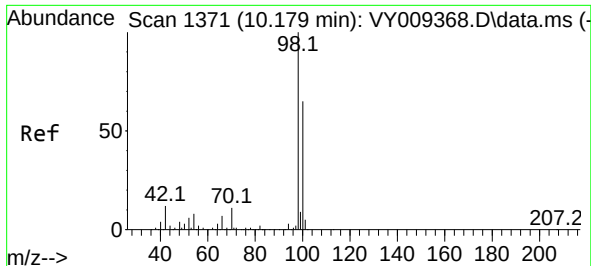
Ion Ratio Lower Upper

113 100

111 101.0 82.6 124.0

192 20.8 17.6 26.4

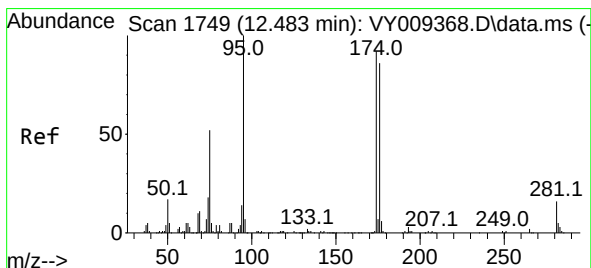
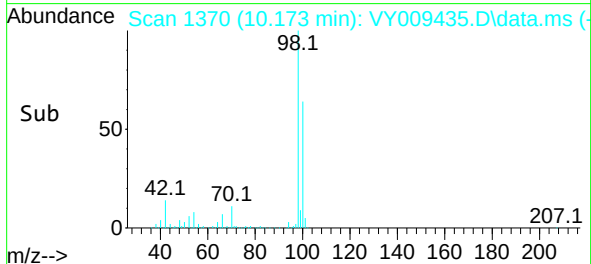
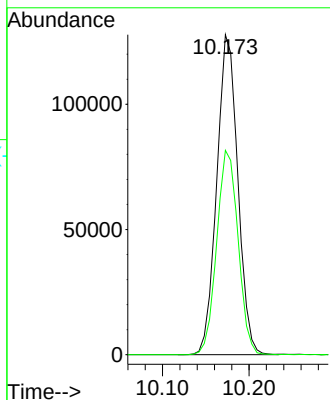
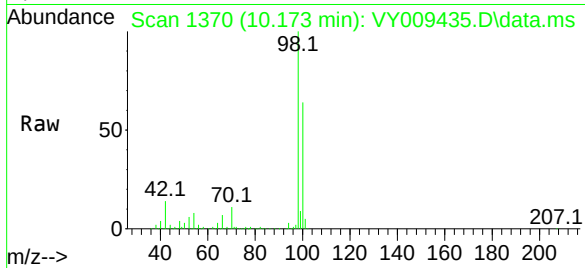




#50
Toluene-d8
Concen: 53.047 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

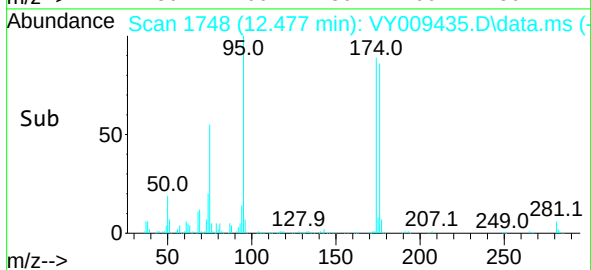
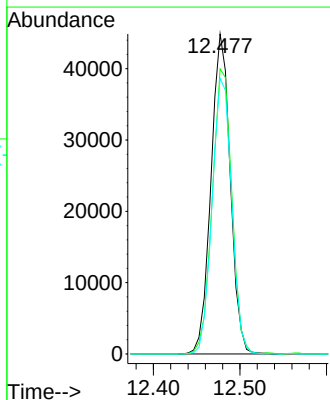
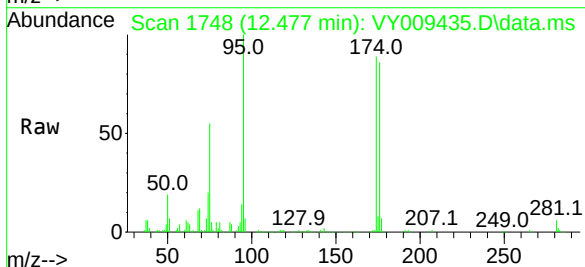
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-07012022

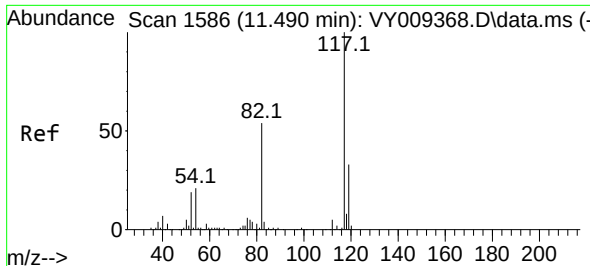
Tgt Ion: 98 Resp: 215890
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.877 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

Tgt Ion: 95 Resp: 69250
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 87.4 0.0 175.8

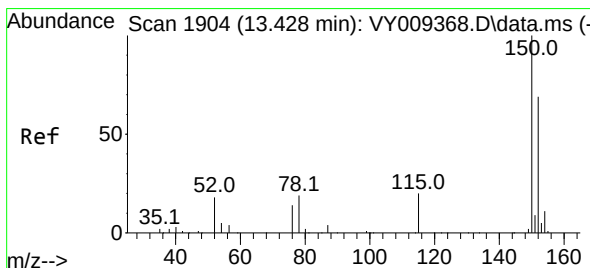
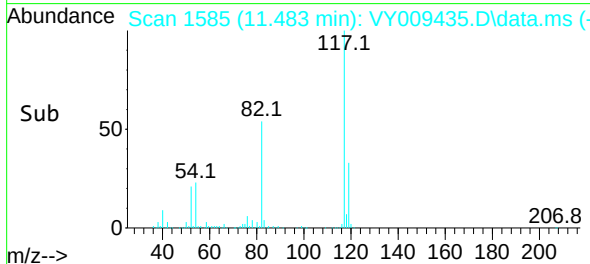
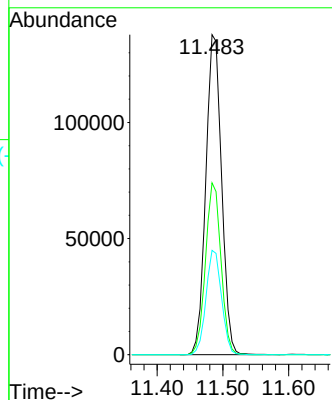
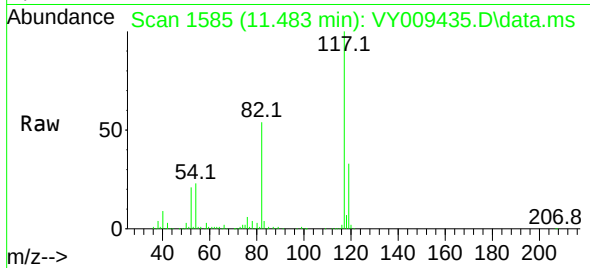




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009435.D
Acq: 05 Jul 2022 14:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-07012022

Tgt Ion:117 Resp: 229923
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.6 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: VY009435.D
Acq: 05 Jul 2022 14:21

Tgt Ion:152 Resp: 104130
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 155.5 0.0 347.6

