

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009585.D
 Acq On : 19 Jul 2022 13:31
 Operator : KP/MD
 Sample : N3731-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jul 19 15:12:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	174464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	295510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81363	49.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.709	113	78648	42.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.500%
50) Toluene-d8	10.178	98	293944	41.071	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.140%
62) 4-Bromofluorobenzene	12.477	95	92008	39.675	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	79.340%

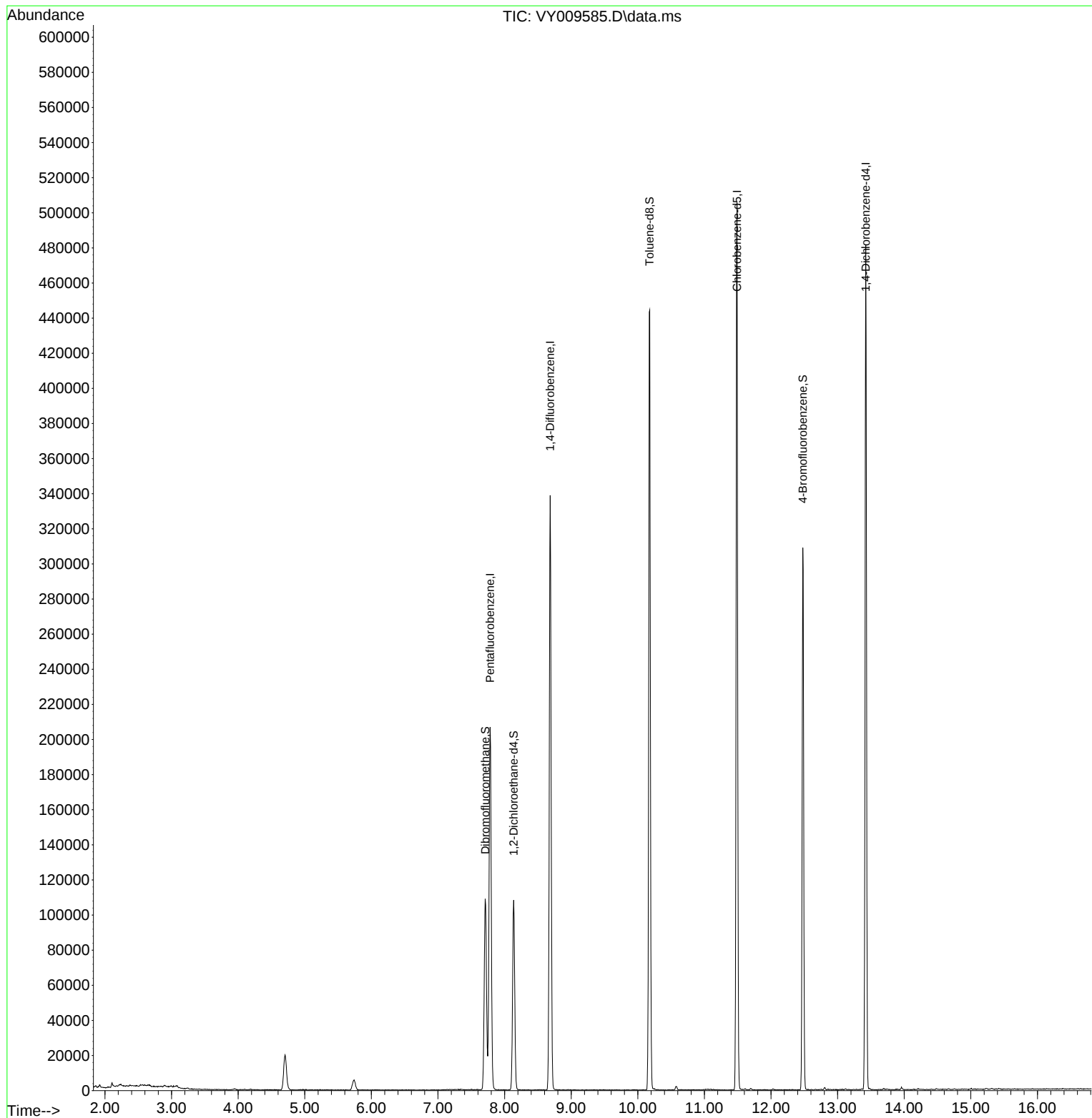
Target Compounds	Qvalue

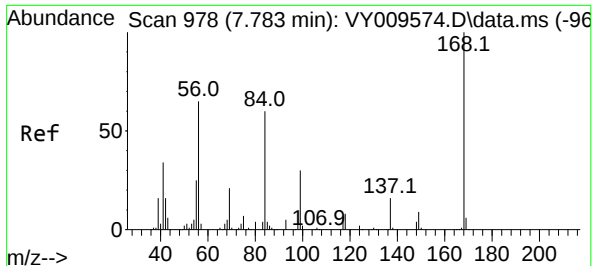
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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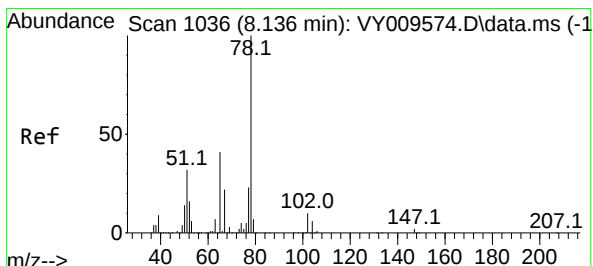
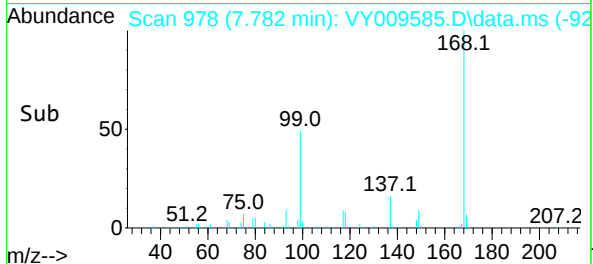
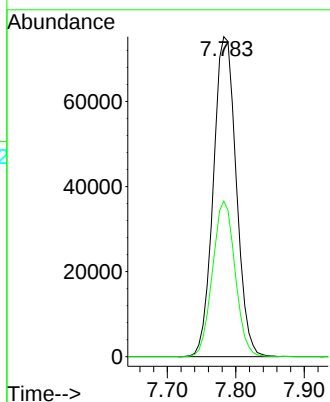
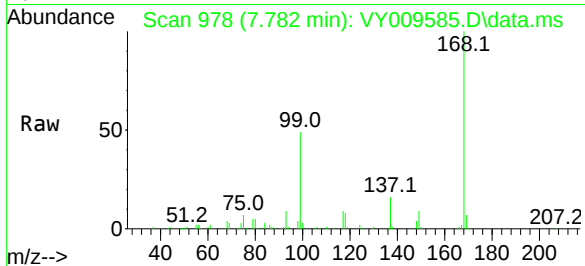




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

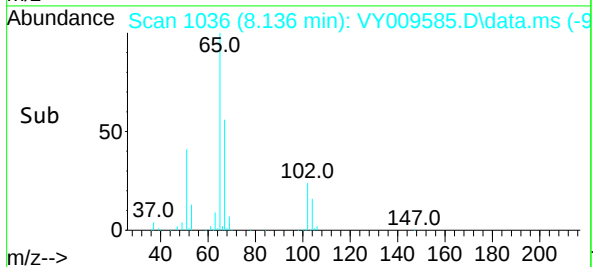
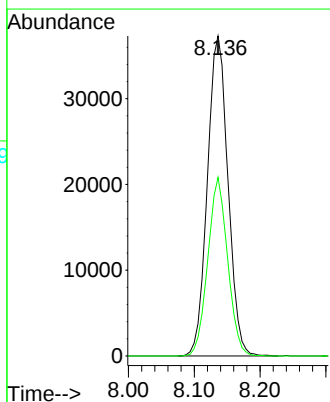
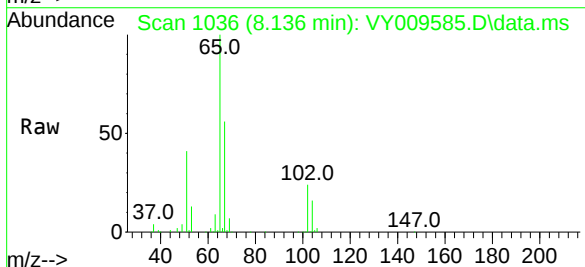
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

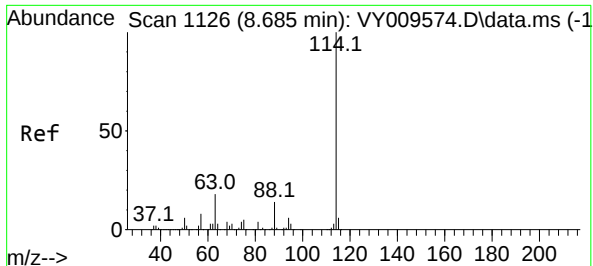
Tgt Ion:168 Resp: 174464
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.311 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

Tgt Ion: 65 Resp: 81363
Ion Ratio Lower Upper
65 100
67 53.7 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: VY009585.D

Acq: 19 Jul 2022 13:31

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

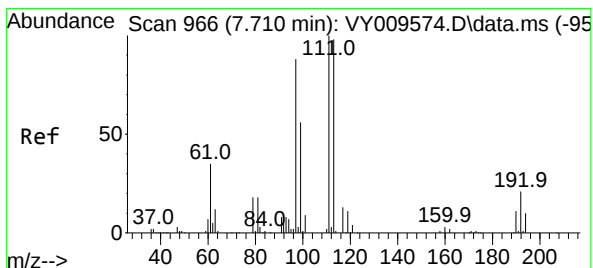
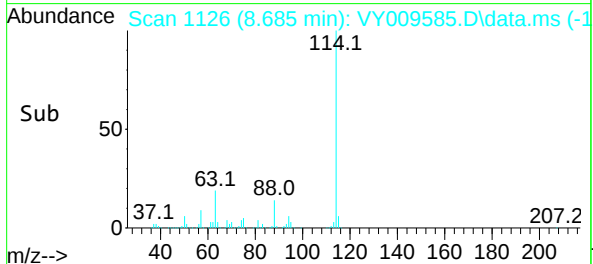
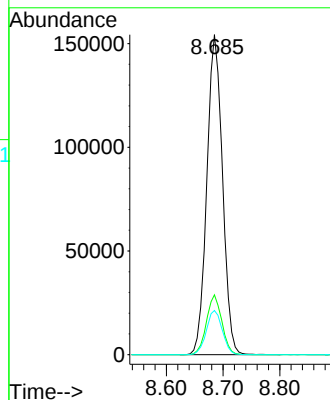
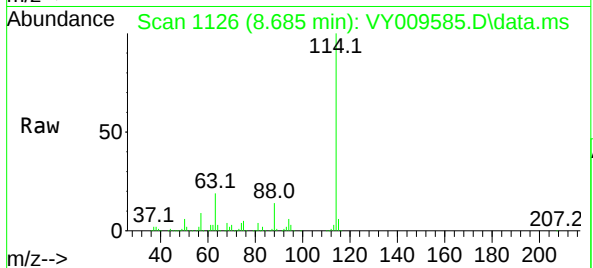
Tgt Ion:114 Resp: 295510

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.245 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009585.D

Acq: 19 Jul 2022 13:31

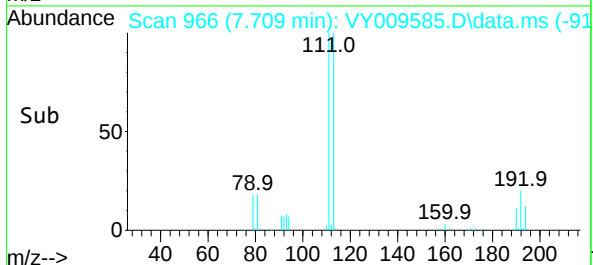
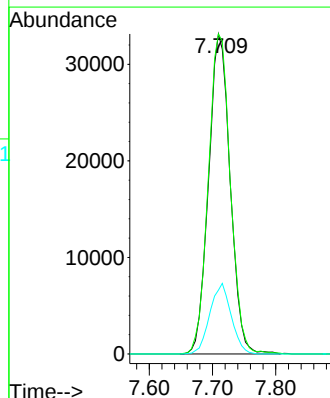
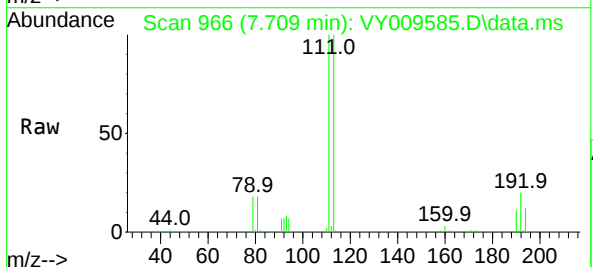
Tgt Ion:113 Resp: 78648

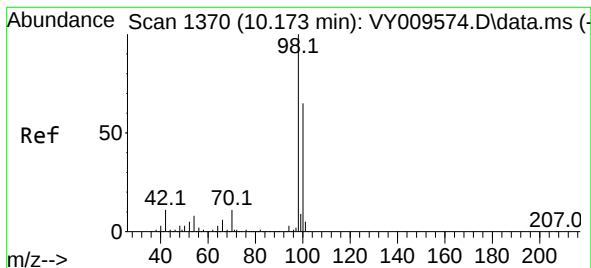
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 21.8 17.6 26.4

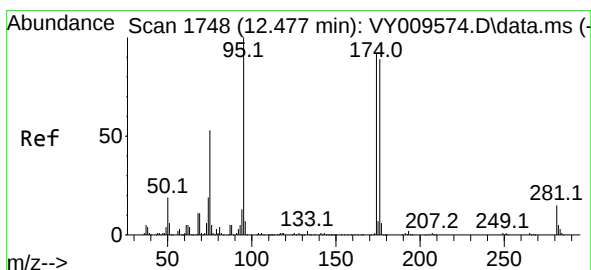
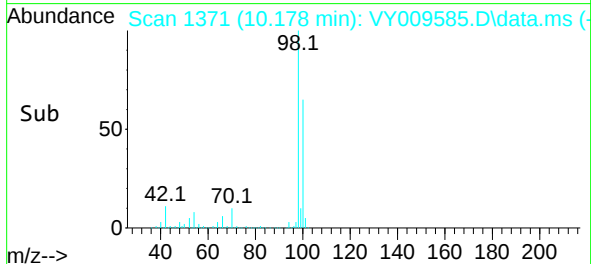
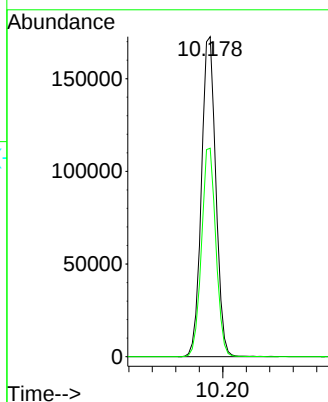
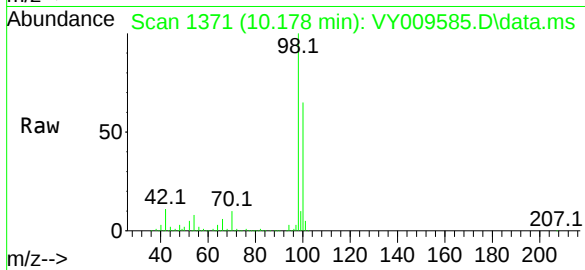




#50
Toluene-d8
Concen: 41.071 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

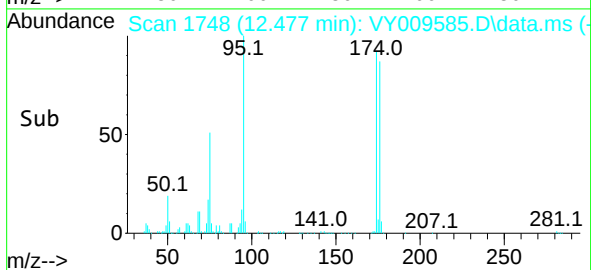
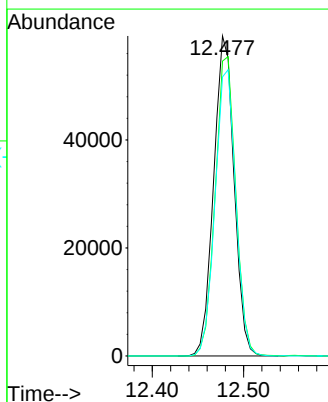
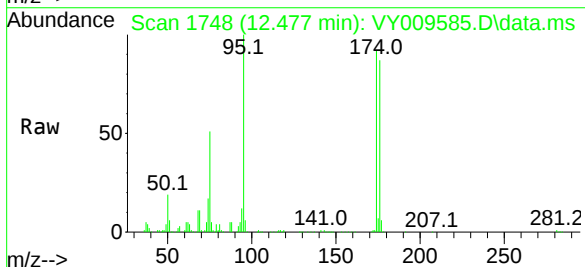
Instrument :
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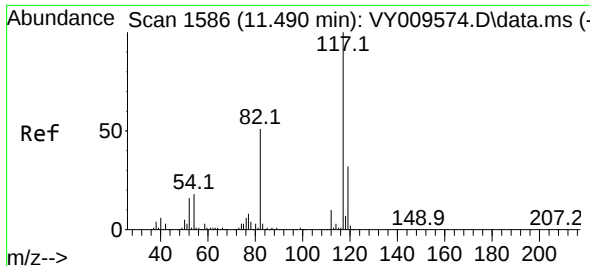
Tgt Ion: 98 Resp: 293944
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.675 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

Tgt Ion: 95 Resp: 92008
Ion Ratio Lower Upper
95 100
174 94.3 0.0 177.0
176 90.9 0.0 175.8

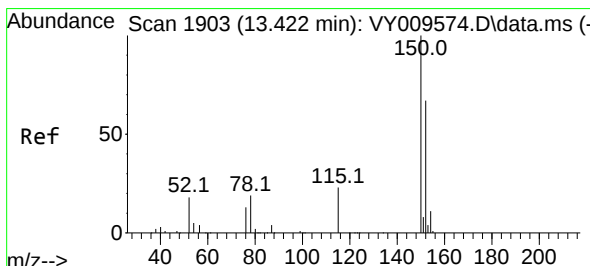
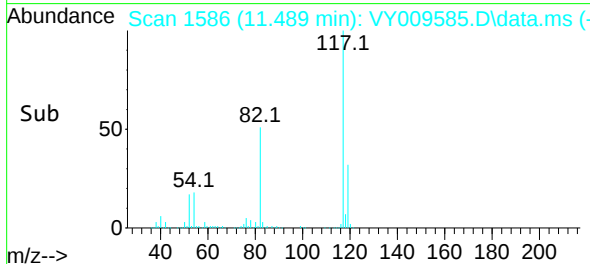
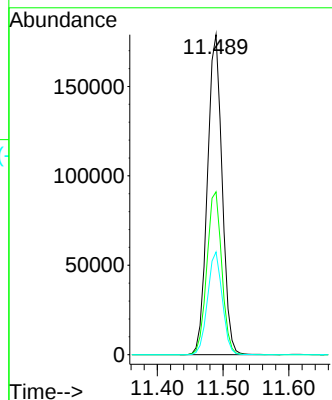
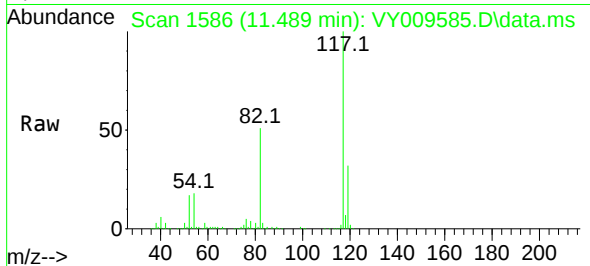




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009585.D
Acq: 19 Jul 2022 13:31

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 278246
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.1 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: VY009585.D
Acq: 19 Jul 2022 13:31

Tgt Ion:152 Resp: 127184
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 155.8 0.0 347.6

