

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009774.D
 Acq On : 29 Jul 2022 15:52
 Operator : KP/MD
 Sample : N3920-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PB-07-27-2022

Quant Time: Aug 01 01:14:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	148580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	62747	64.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.000%
35) Dibromofluoromethane	7.709	113	60838	42.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.460%
50) Toluene-d8	10.178	98	221864	53.828	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	107.660%
62) 4-Bromofluorobenzene	12.477	95	73192	38.767	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	77.540%

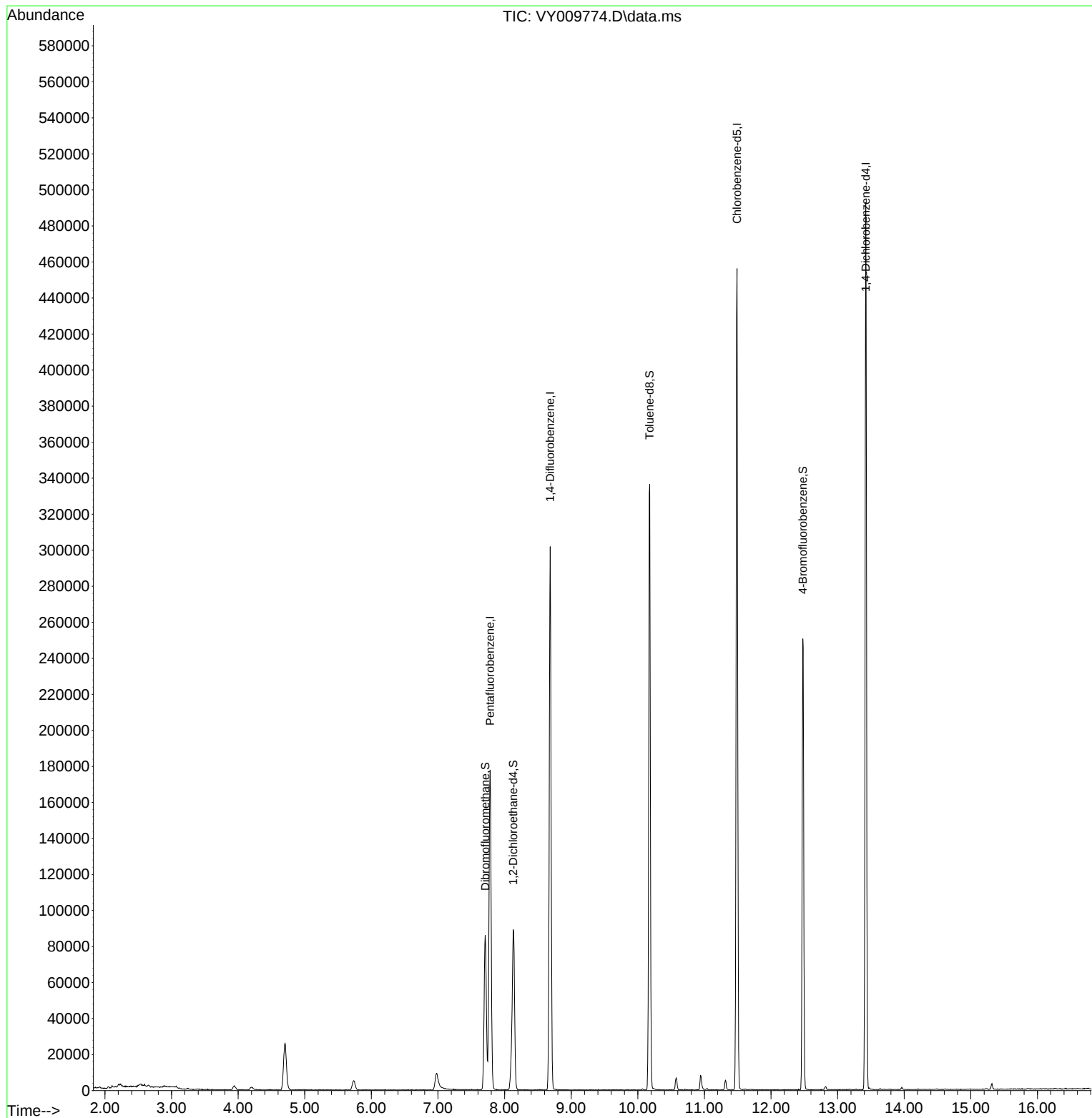
Target Compounds	Qvalue

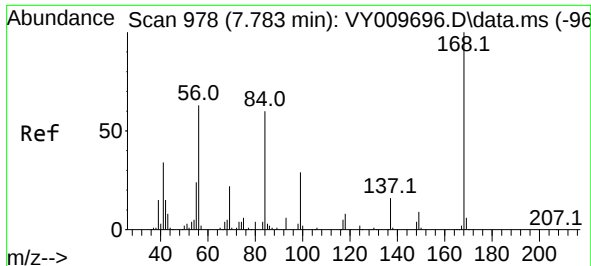
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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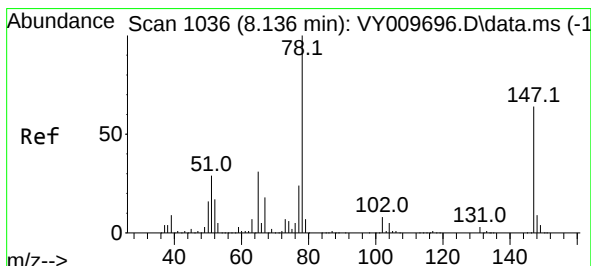
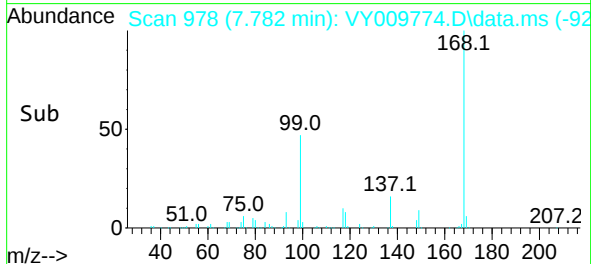
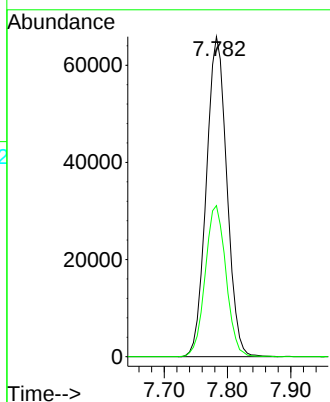
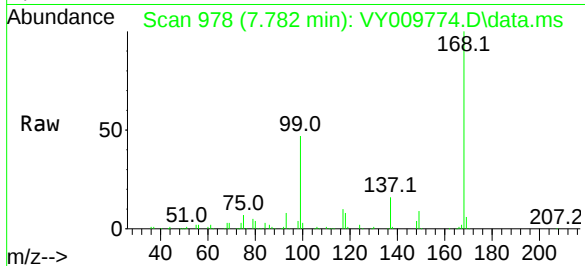




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

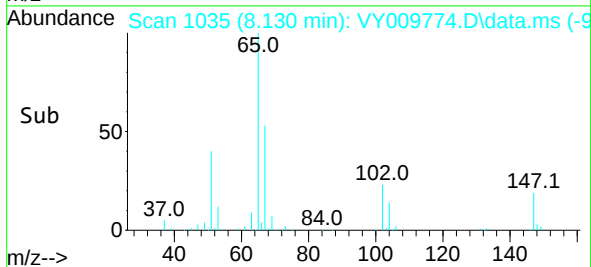
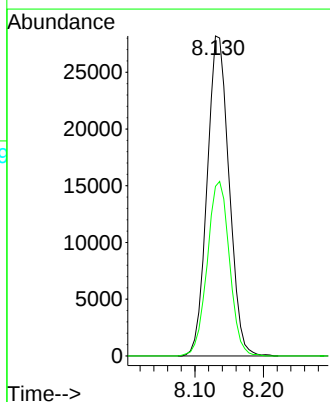
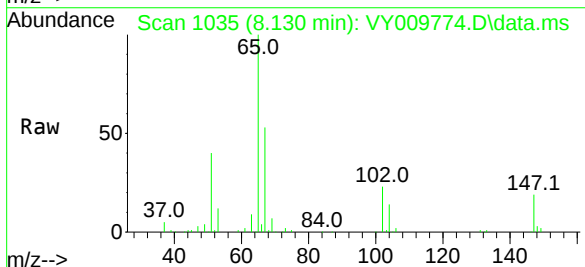
Instrument :
MSVOA_Y
ClientSampleId :
PB-07-27-2022

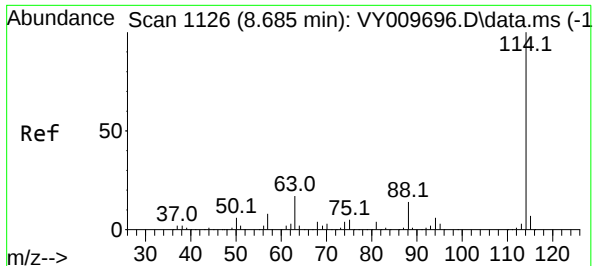
Tgt Ion:168 Resp: 148580
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.996 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

Tgt Ion: 65 Resp: 62747
Ion Ratio Lower Upper
65 100
67 55.3 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: VY009774.D

Acq: 29 Jul 2022 15:52

Instrument :

MSVOA_Y

ClientSampleId :

PB-07-27-2022

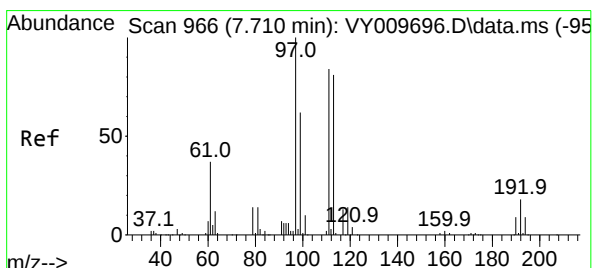
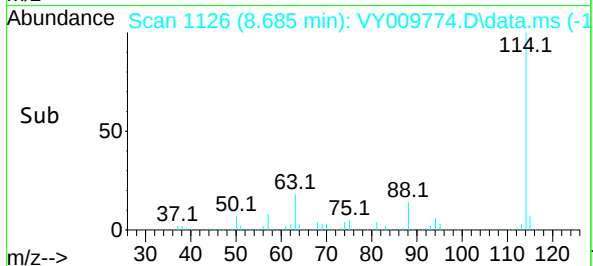
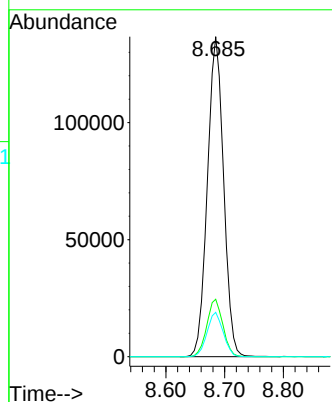
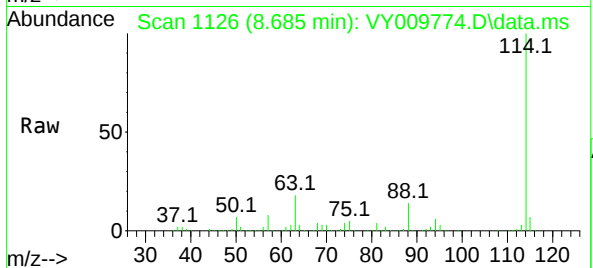
Tgt Ion:114 Resp: 261795

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.728 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY009774.D

Acq: 29 Jul 2022 15:52

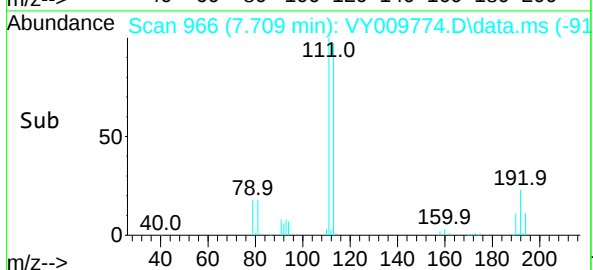
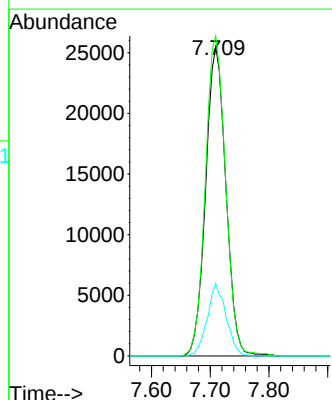
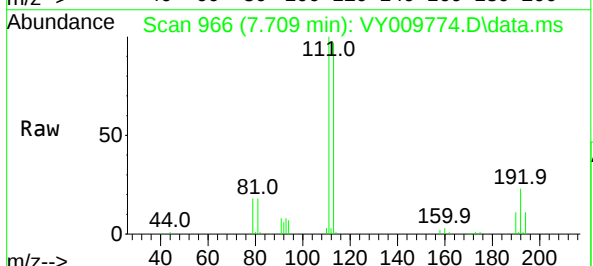
Tgt Ion:113 Resp: 60838

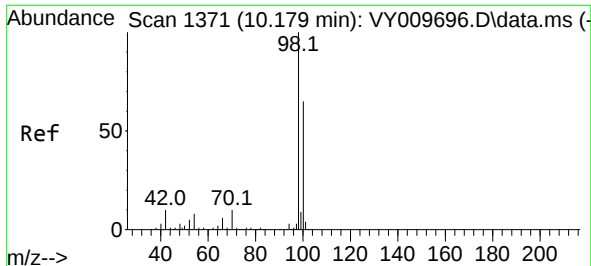
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 21.9 17.6 26.4

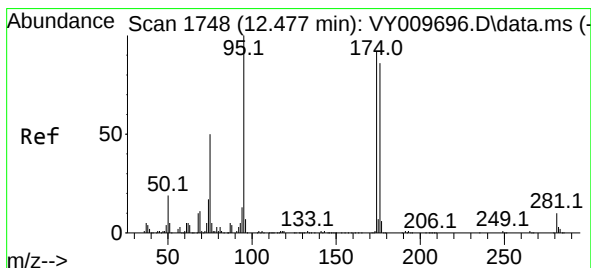
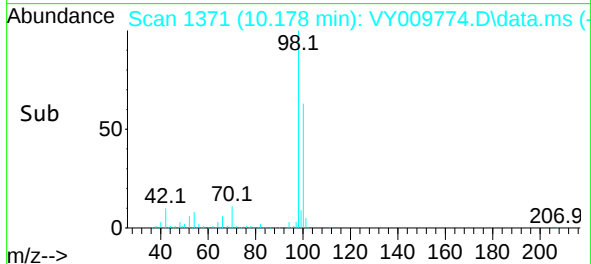
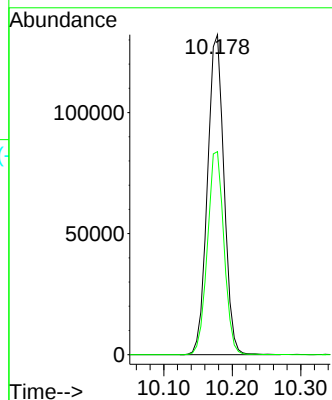
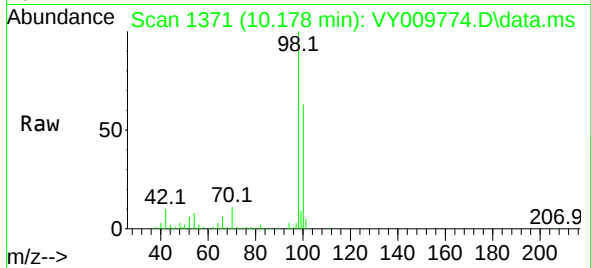




#50
Toluene-d8
Concen: 53.828 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

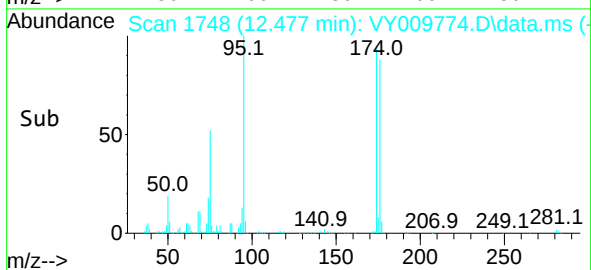
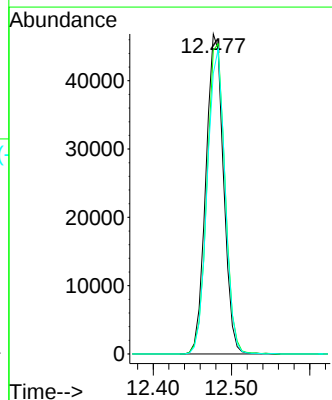
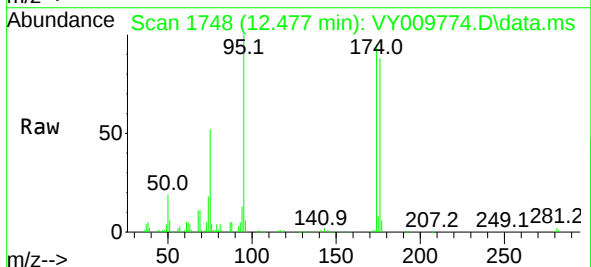
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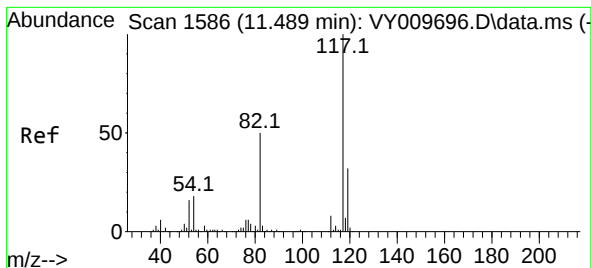
Tgt Ion: 98 Resp: 221864
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.767 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009774.D
Acq: 29 Jul 2022 15:52

Tgt Ion: 95 Resp: 73192
Ion Ratio Lower Upper
95 100
174 98.8 0.0 177.0
176 95.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009774.D

Acq: 29 Jul 2022 15:52

Instrument :

MSVOA_Y

ClientSampleId :

PB-07-27-2022

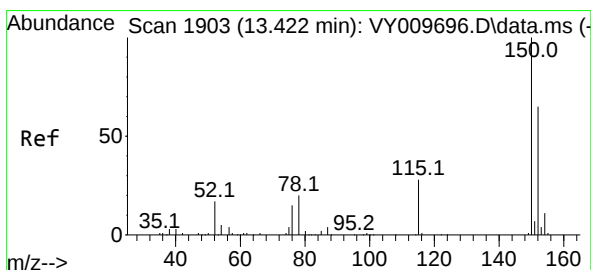
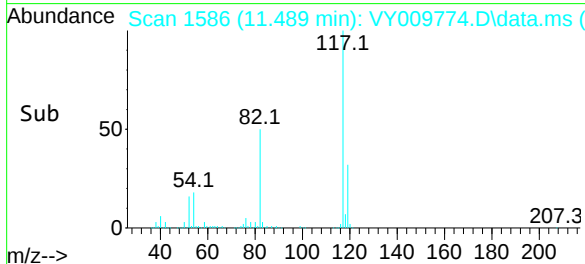
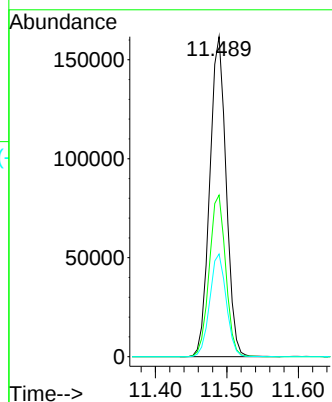
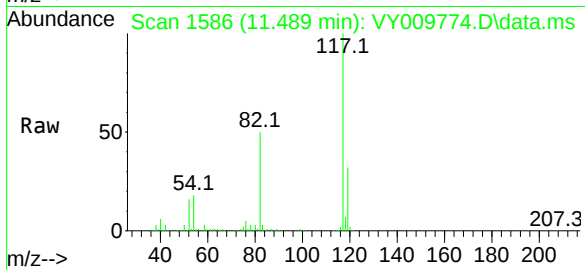
Tgt Ion:117 Resp: 257285

Ion Ratio Lower Upper

117 100

82 50.5 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: VY009774.D

Acq: 29 Jul 2022 15:52

Tgt Ion:152 Resp: 130314

Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 157.2 0.0 347.6

