

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009802.D
 Acq On : 01 Aug 2022 17:25
 Operator : KP/MD
 Sample : N3976-03
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-0729

Quant Time: Aug 02 01:41:16 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	7.783	168	153535	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	261156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66209	66.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.980%	
35) Dibromofluoromethane	7.710	113	66327	46.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.400%	
50) Toluene-d8	10.179	98	256053	63.003	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 126.000%#	
62) 4-Bromofluorobenzene	12.483	95	69594	36.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 73.900%	

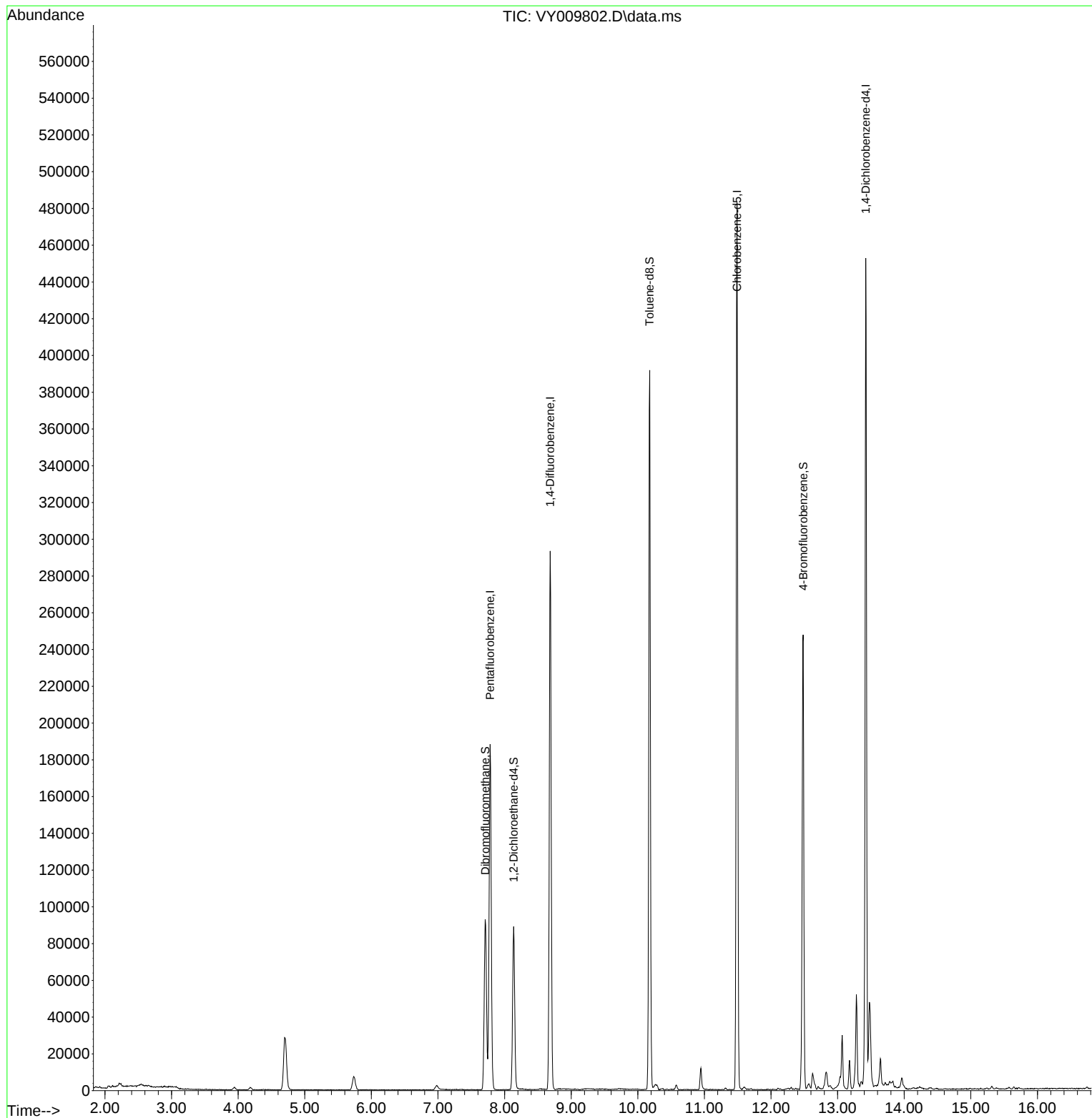
Target Compounds	Qvalue

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

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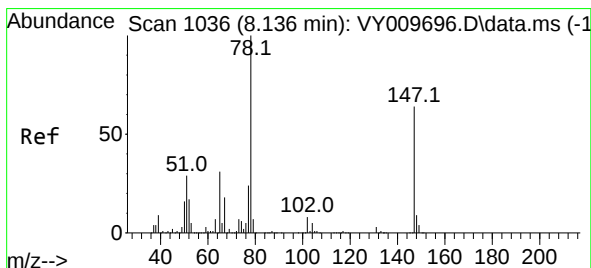
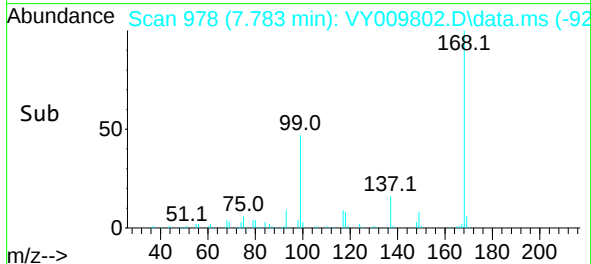
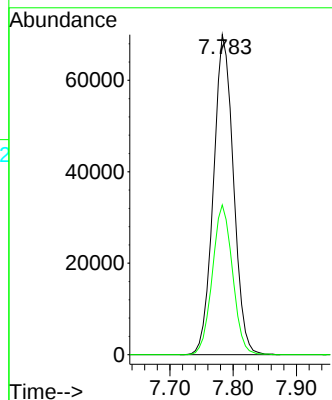
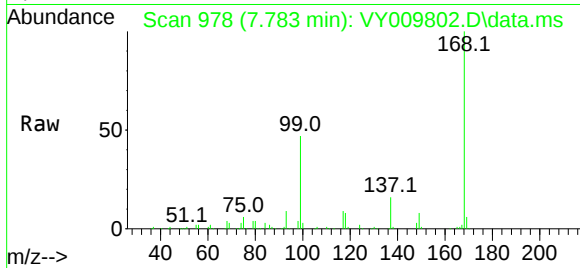




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

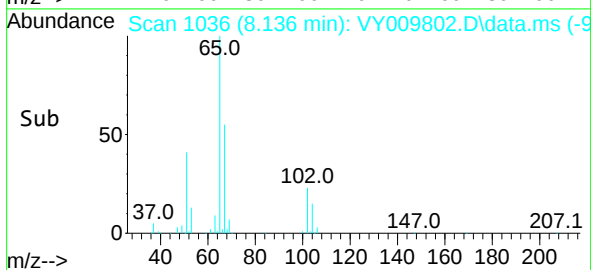
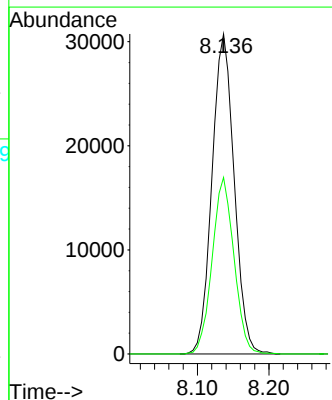
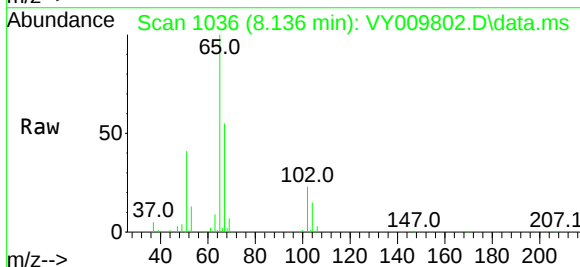
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0729

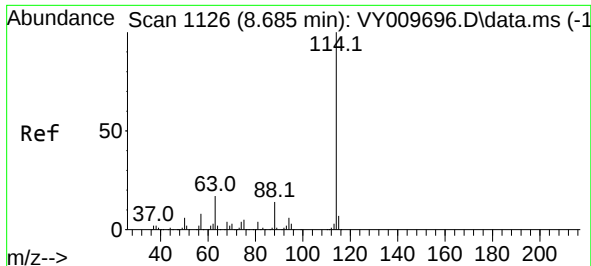
Tgt Ion:168 Resp: 153535
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 66.490 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

Tgt Ion: 65 Resp: 66209
Ion Ratio Lower Upper
65 100
67 54.2 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: VY009802.D

Acq: 01 Aug 2022 17:25

Instrument :

MSVOA_Y

ClientSampleId :

TP2-0729

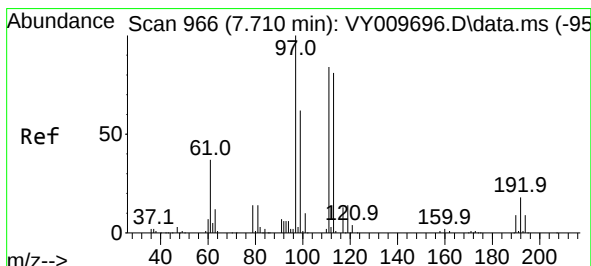
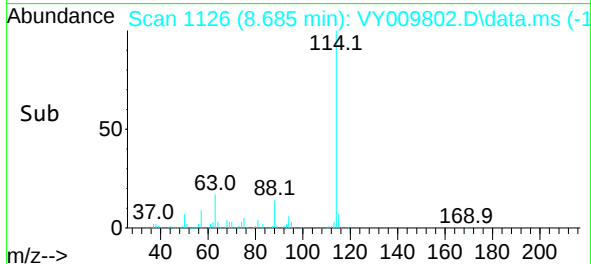
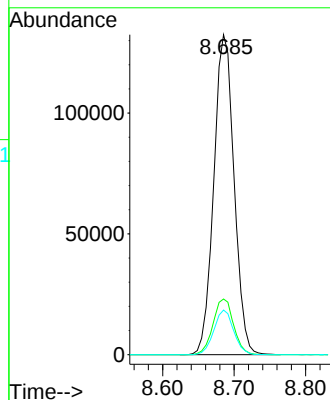
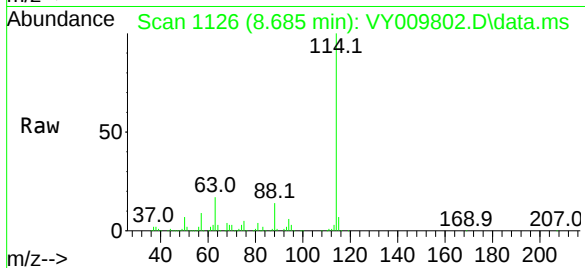
Tgt Ion:114 Resp: 261156

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.697 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009802.D

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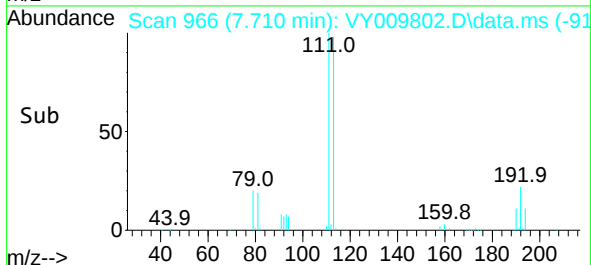
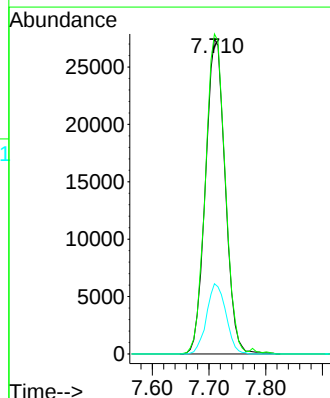
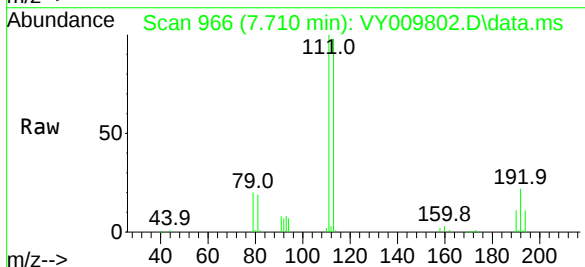
Tgt Ion:113 Resp: 66327

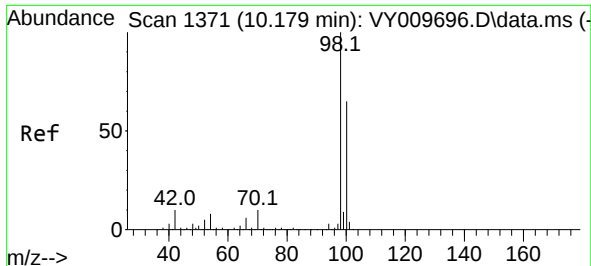
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 21.9 17.6 26.4

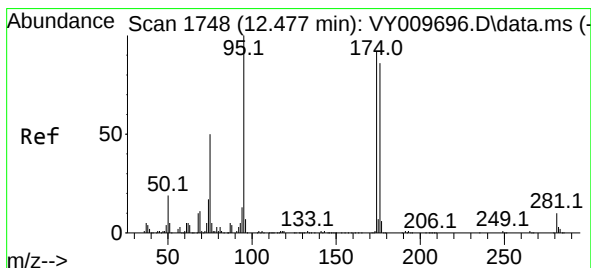
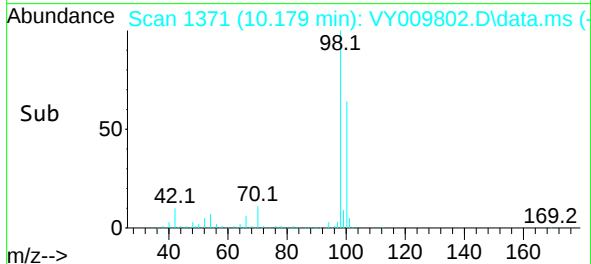
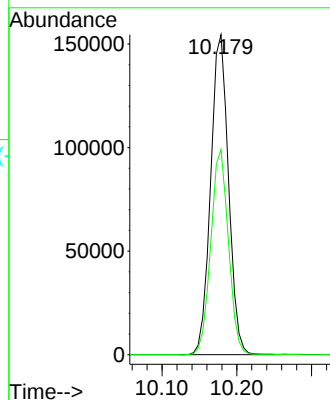
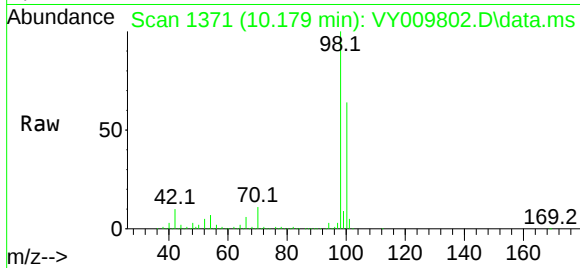




#50
Toluene-d8
Concen: 63.003 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

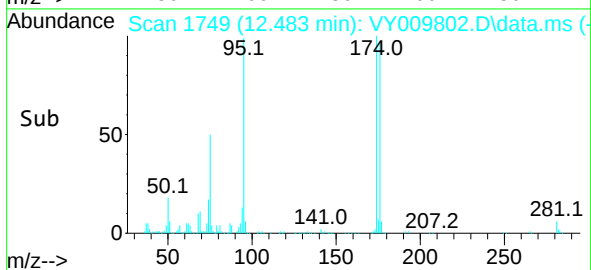
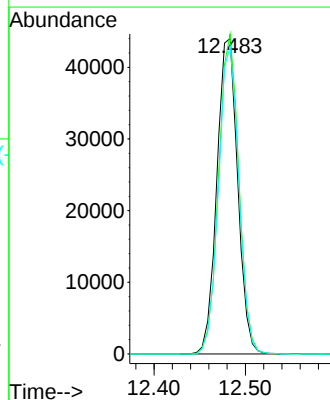
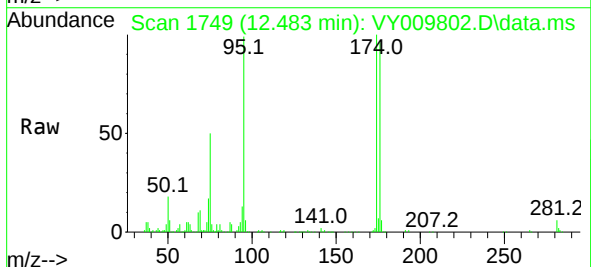
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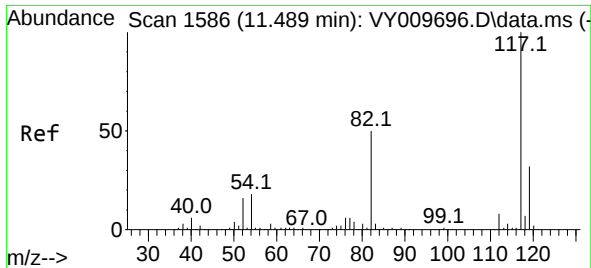
Tgt Ion: 98 Resp: 256053
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.952 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

Tgt Ion: 95 Resp: 69594
Ion Ratio Lower Upper
95 100
174 98.6 0.0 177.0
176 95.6 0.0 175.8

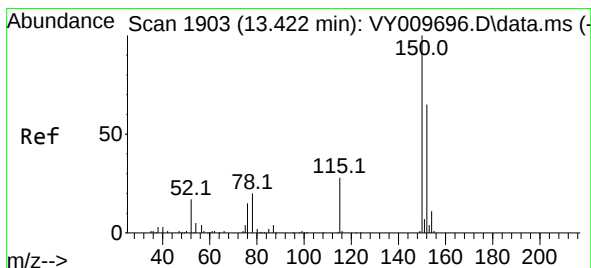
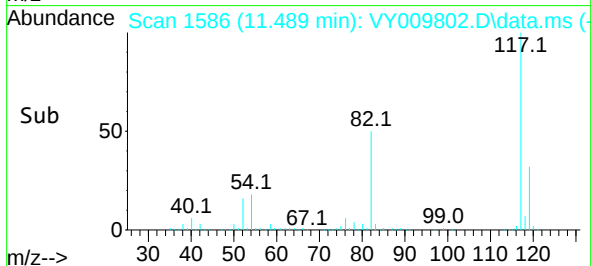
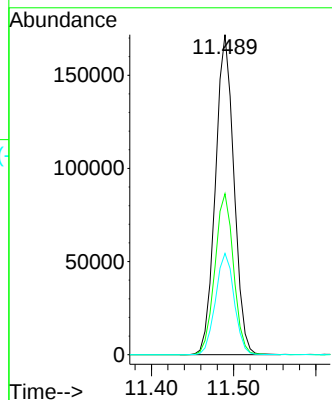
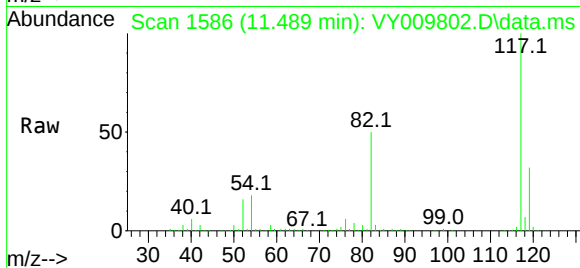




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009802.D
Acq: 01 Aug 2022 17:25

Instrument :
MSVOA_Y
ClientSampleId :
TP2-0729

Tgt Ion:117 Resp: 268765
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 31.7 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: VY009802.D
Acq: 01 Aug 2022 17:25

Tgt Ion:152 Resp: 120301
Ion Ratio Lower Upper
152 100
115 53.4 28.2 84.7
150 157.0 0.0 347.6

