

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007281.D
 Acq On : 24 Jan 2022 20:06
 Operator : SY/MD
 Sample : N1245-08
 Misc : 4.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(1.5-2)

Quant Time: Jan 25 00:35:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	83193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	155778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	143900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57471	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54235	53.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.260%
35) Dibromofluoromethane	7.722	113	52429	49.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.540%
50) Toluene-d8	10.185	98	190487	49.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.483	95	64829	47.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.700%

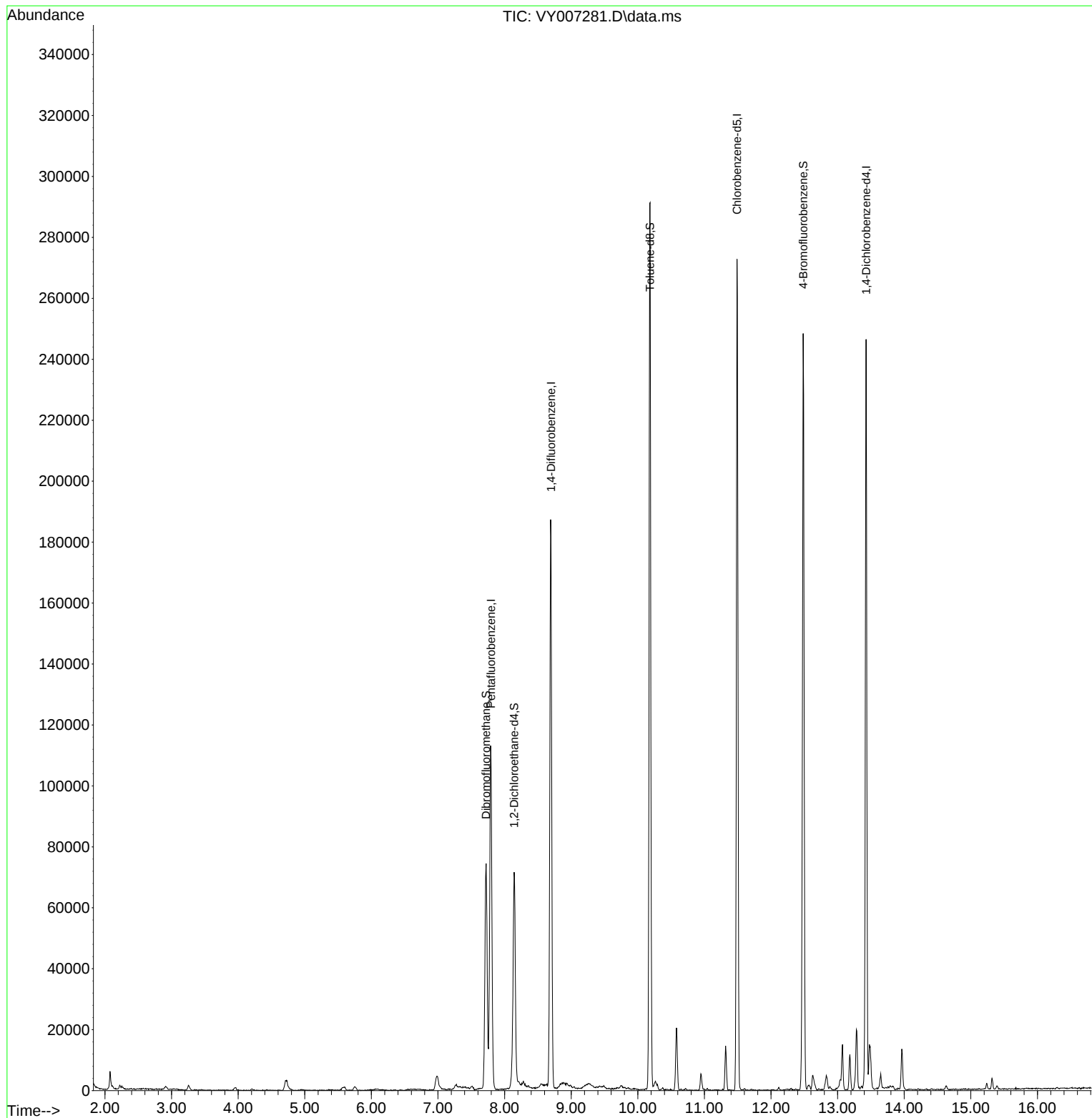
Target Compounds	Qvalue

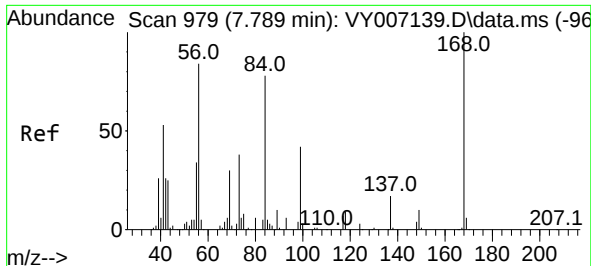
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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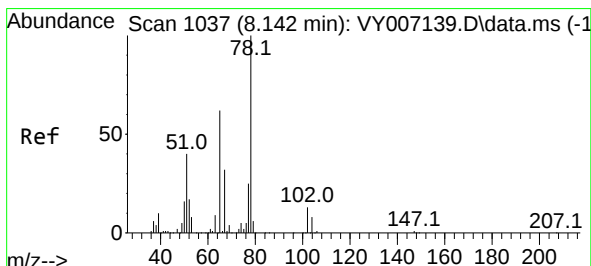
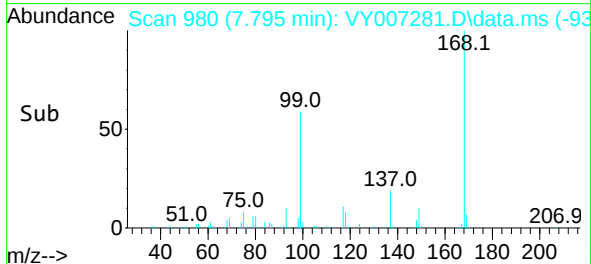
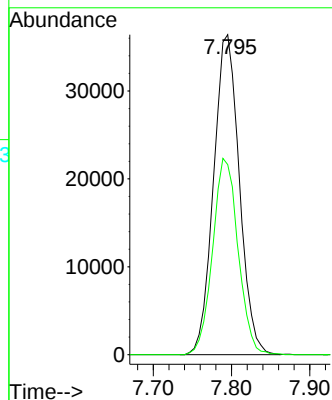
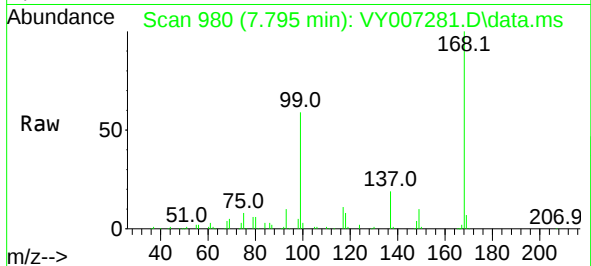




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

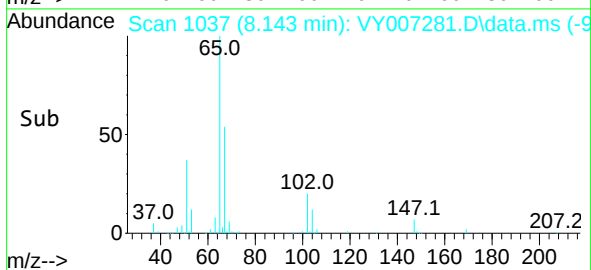
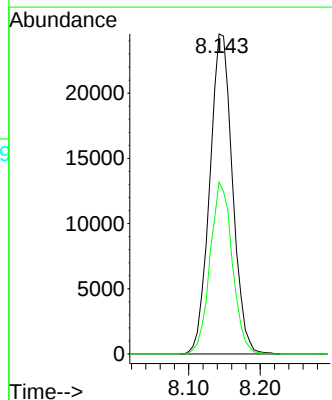
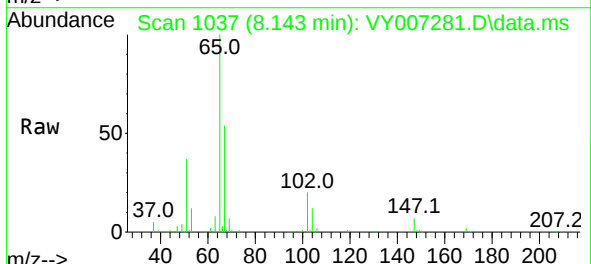
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2)

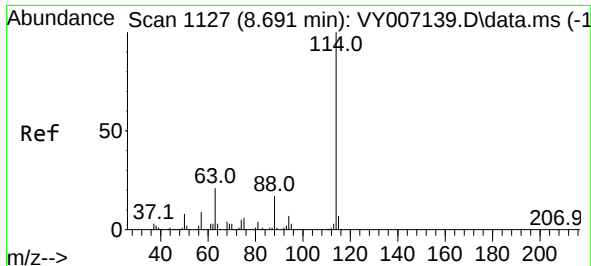
Tgt Ion:168 Resp: 83193
Ion Ratio Lower Upper
168 100
99 59.4 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 53.130 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

Tgt Ion: 65 Resp: 54235
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.6

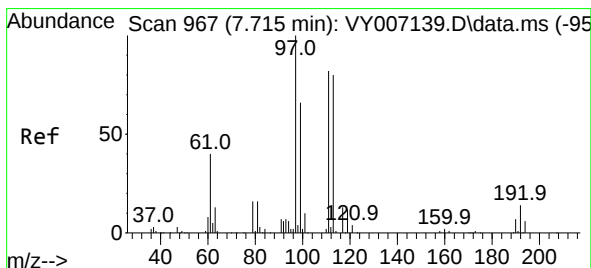
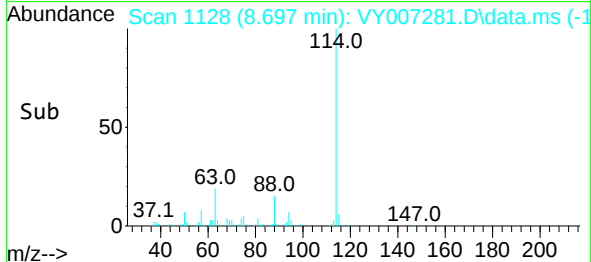
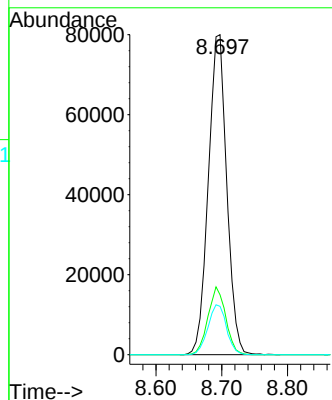
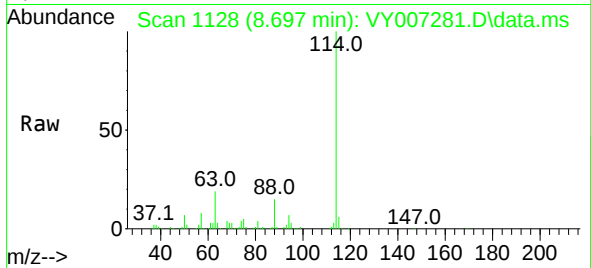




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

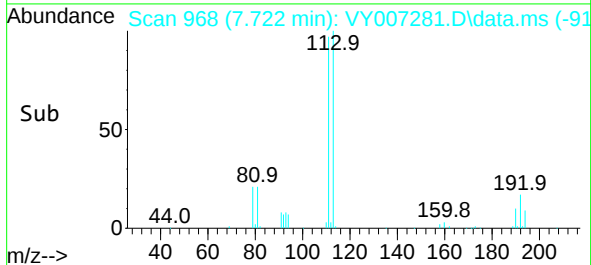
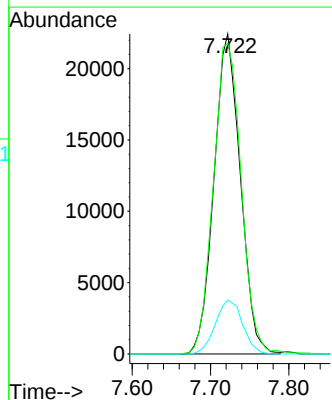
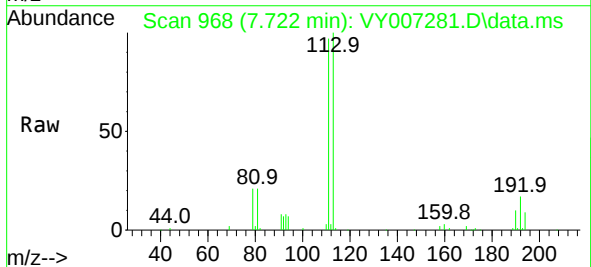
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2)

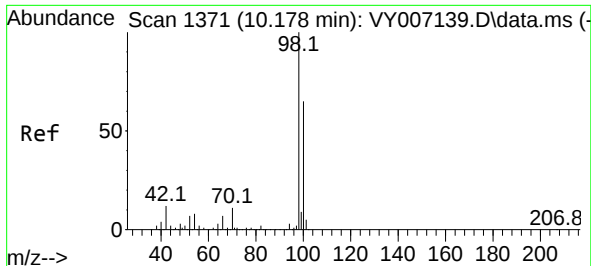
Tgt Ion:114 Resp: 155778
Ion Ratio Lower Upper
114 100
63 18.7 0.0 39.2
88 15.1 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.774 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

Tgt Ion:113 Resp: 52429
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.4 14.2 21.4

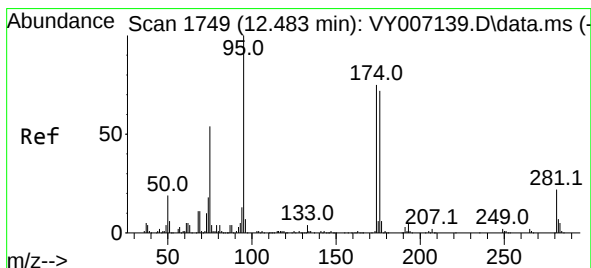
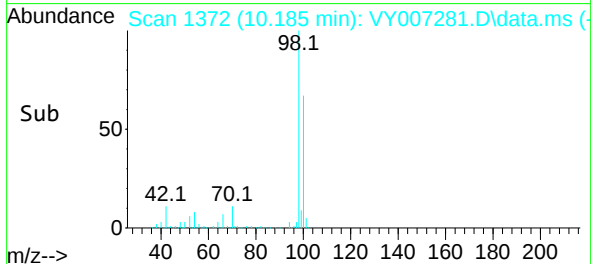
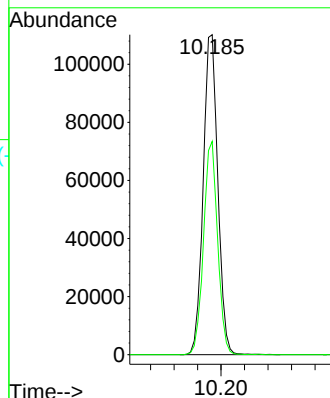
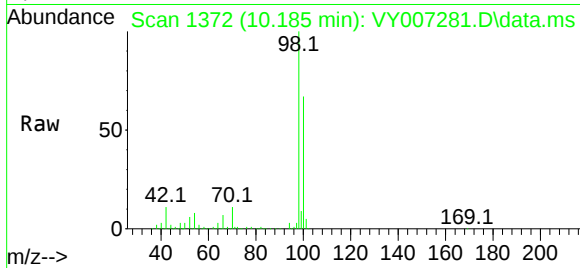




#50
Toluene-d8
Concen: 49.492 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

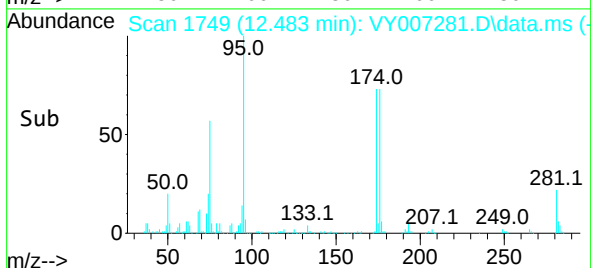
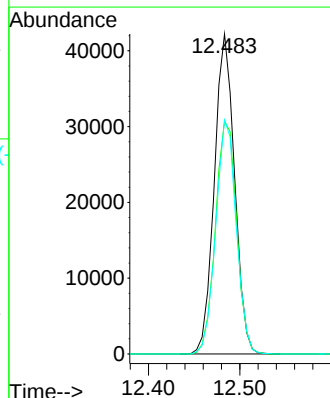
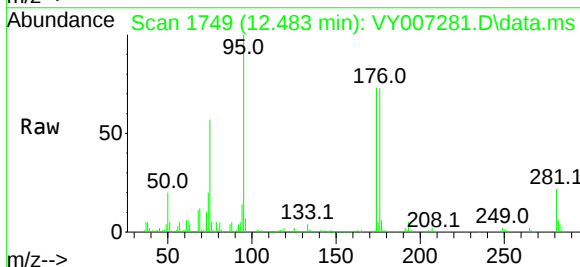
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2)

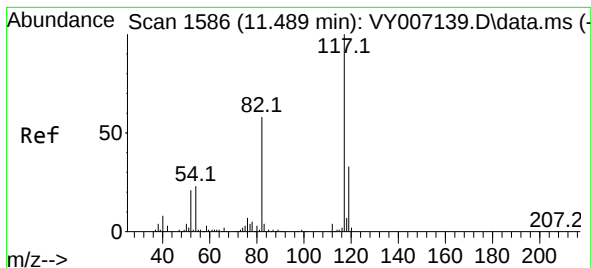
Tgt Ion: 98 Resp: 190487
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.351 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

Tgt Ion: 95 Resp: 64829
Ion Ratio Lower Upper
95 100
174 76.2 0.0 148.4
176 74.0 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007281.D

Acq: 24 Jan 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-4(1.5-2)

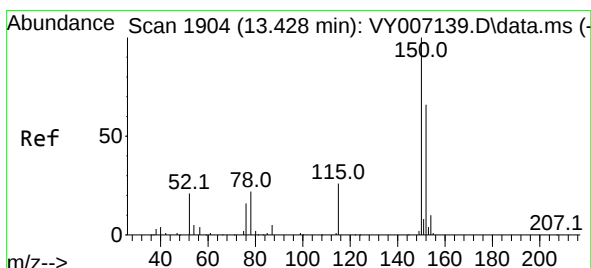
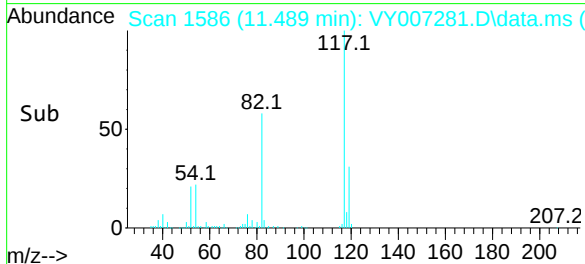
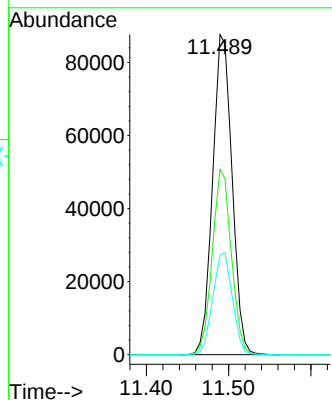
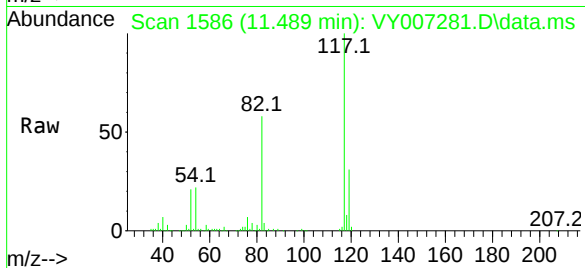
Tgt Ion:117 Resp: 143900

Ion Ratio Lower Upper

117 100

82 57.9 45.4 68.0

119 31.1 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007281.D

Acq: 24 Jan 2022 20:06

Tgt Ion:152 Resp: 57471

Ion Ratio Lower Upper

152 100

115 62.6 31.4 94.0

150 160.5 0.0 348.4

