

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
 Data File : VY007258.D
 Acq On : 21 Jan 2022 17:16
 Operator : SY/MD
 Sample : N1235-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jan 22 00:24:34 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	2484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	4836	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	4718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1507	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	2566	84.189	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	168.380%#
35) Dibromofluoromethane	7.734	113	1975	60.397	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.800%
50) Toluene-d8	10.191	98	6190	51.806	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.489	95	2040	47.997	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.000%

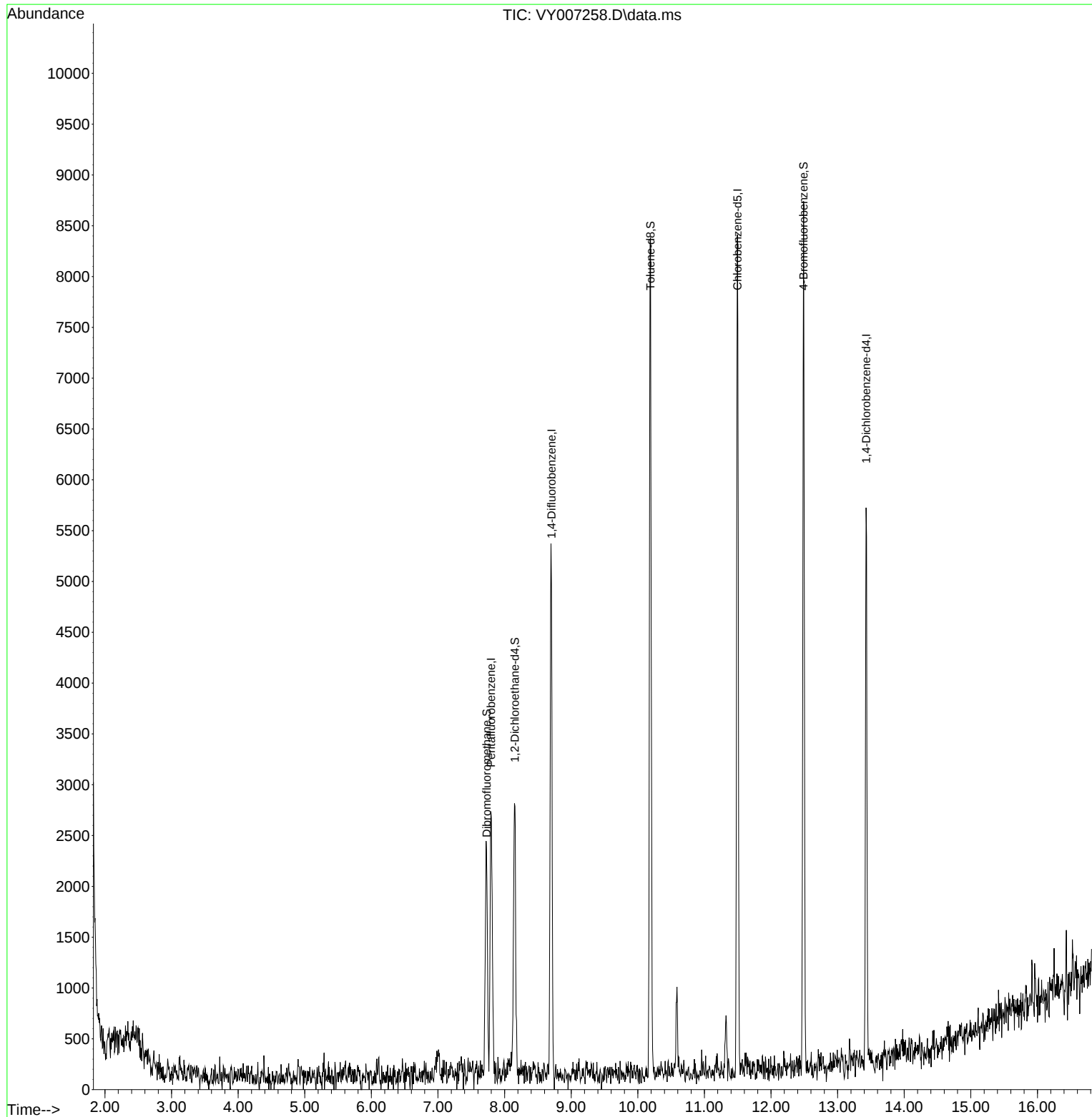
Target Compounds	Qvalue

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

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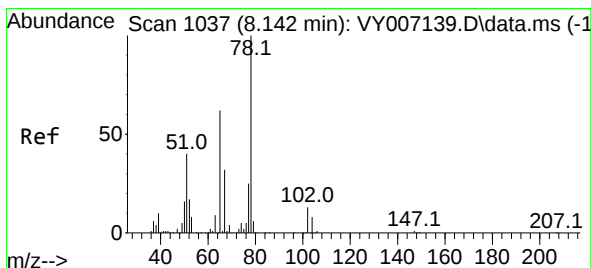
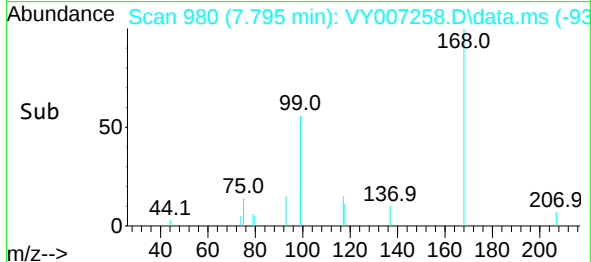
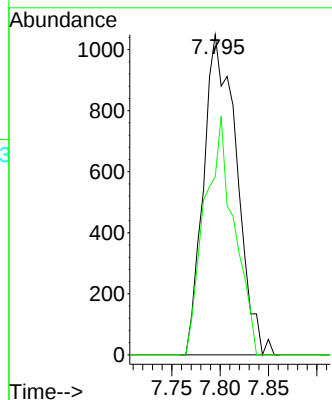
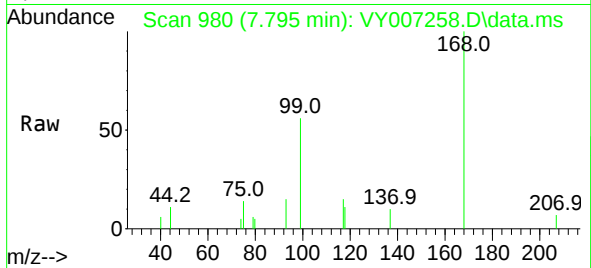




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007258.D
Acq: 21 Jan 2022 17:16

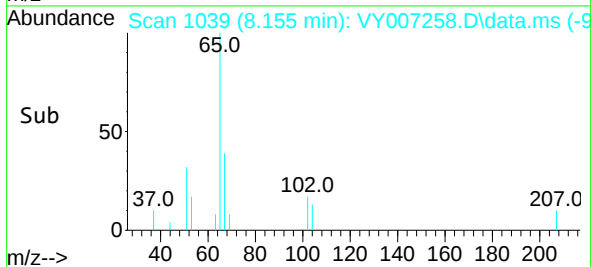
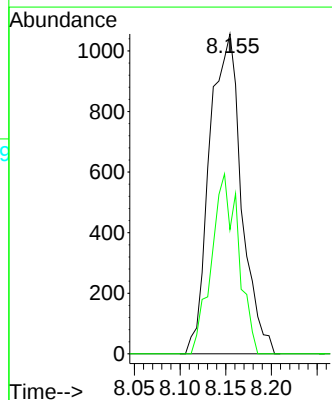
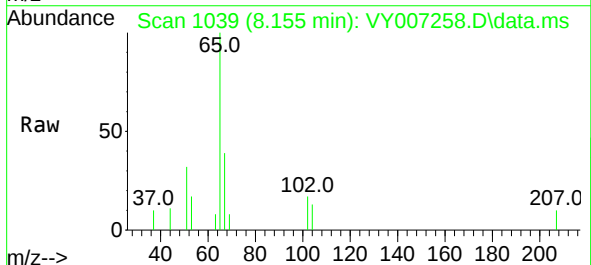
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

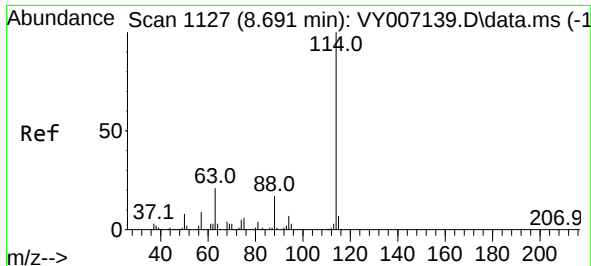
Tgt Ion:168 Resp: 2484
Ion Ratio Lower Upper
168 100
99 55.6 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 84.189 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY007258.D
Acq: 21 Jan 2022 17:16

Tgt Ion: 65 Resp: 2566
Ion Ratio Lower Upper
65 100
67 47.5 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY007258.D

Acq: 21 Jan 2022 17:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

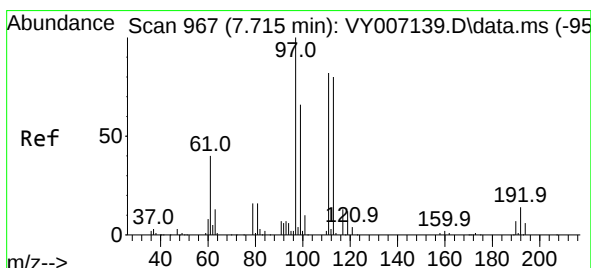
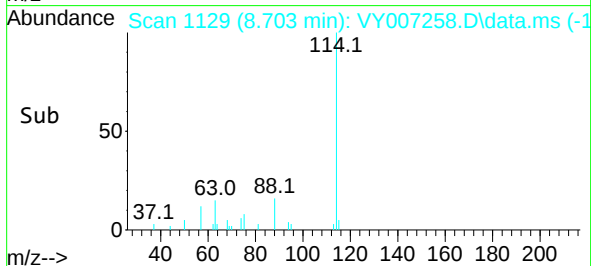
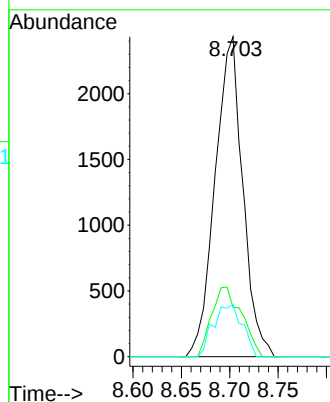
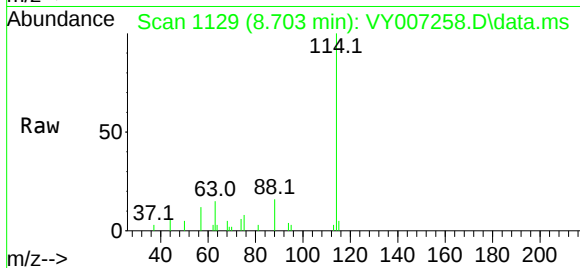
Tgt Ion:114 Resp: 4836

Ion Ratio Lower Upper

114 100

63 15.4 0.0 39.2

88 16.4 0.0 31.0



#35

Dibromofluoromethane

Concen: 60.397 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.019 min

Lab File: VY007258.D

Acq: 21 Jan 2022 17:16

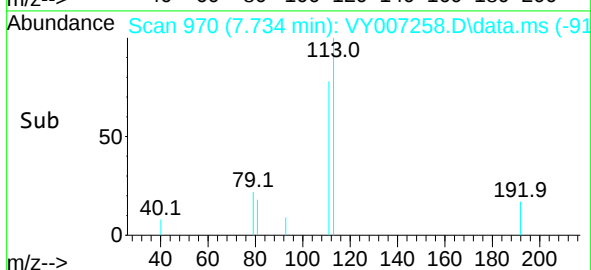
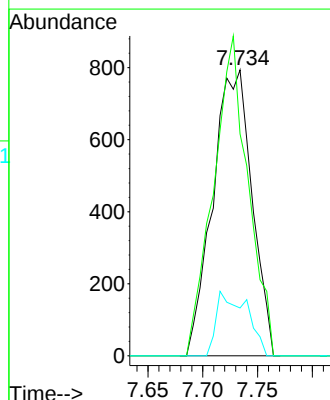
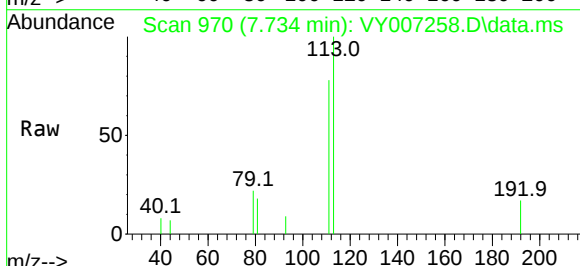
Tgt Ion:113 Resp: 1975

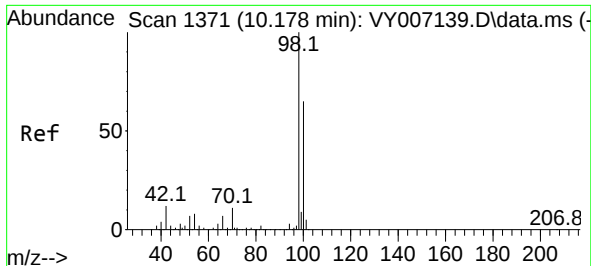
Ion Ratio Lower Upper

113 100

111 98.9 82.2 123.4

192 17.5 14.2 21.4

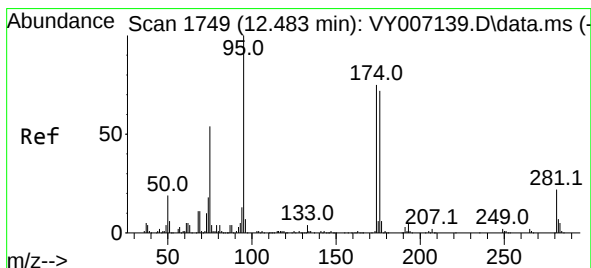
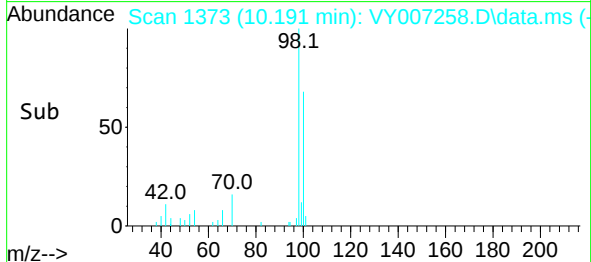
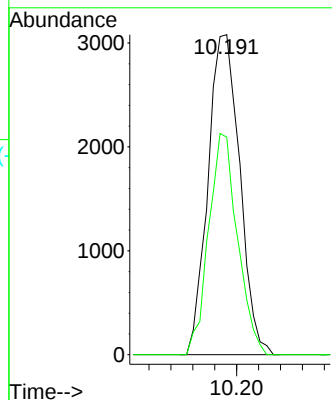
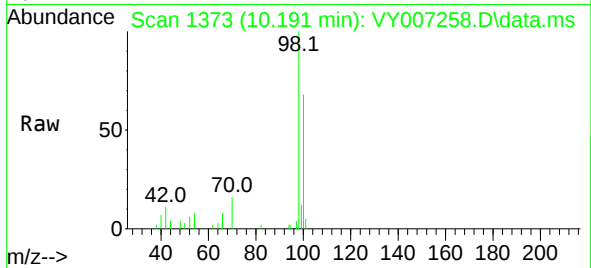




#50
Toluene-d8
Concen: 51.806 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY007258.D
Acq: 21 Jan 2022 17:16

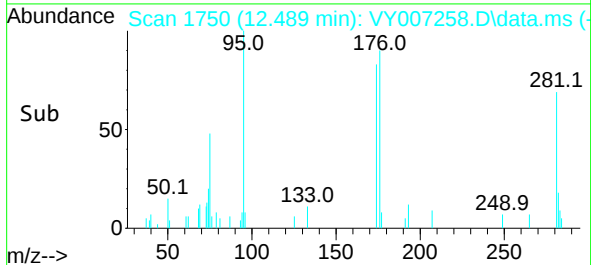
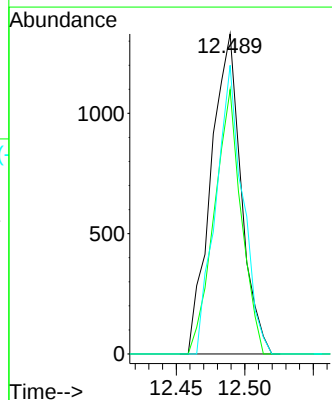
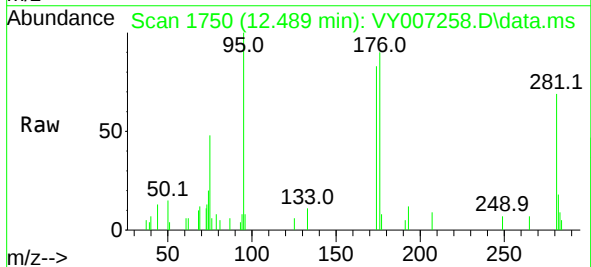
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TP-2

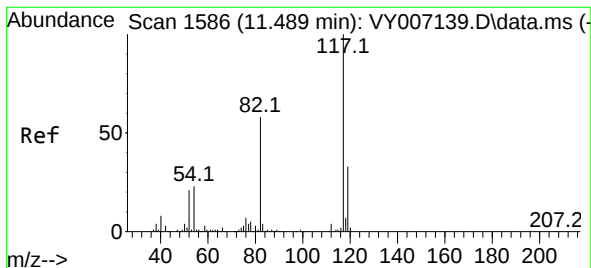
Tgt Ion: 98 Resp: 6190
Ion Ratio Lower Upper
98 100
100 62.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.997 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY007258.D
Acq: 21 Jan 2022 17:16

Tgt Ion: 95 Resp: 2040
Ion Ratio Lower Upper
95 100
174 73.8 0.0 148.4
176 80.5 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007258.D

Acq: 21 Jan 2022 17:16

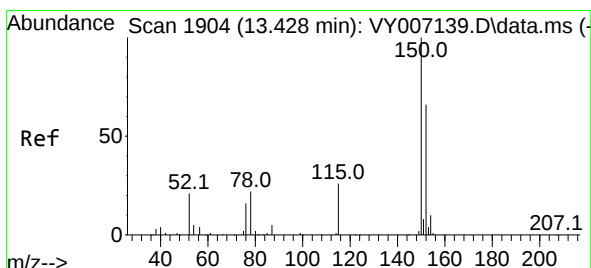
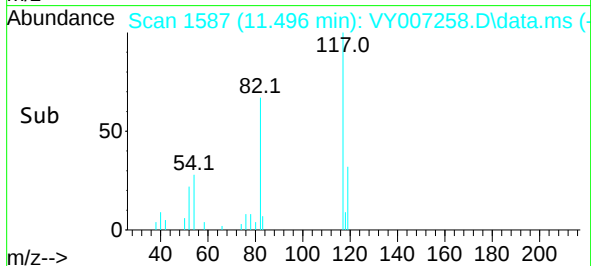
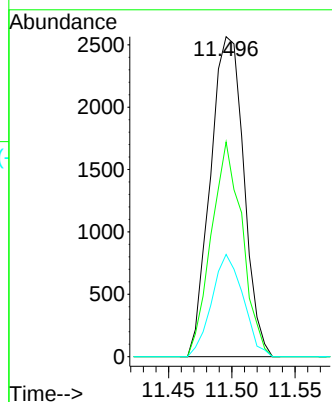
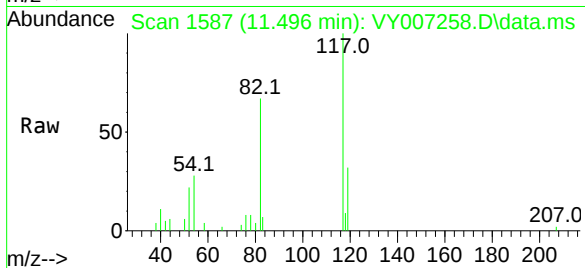
Instrument :

MSVOA_Y

ClientSampleId :

TP-2

Tgt Ion:117	Resp:	4718
Ion	Ratio	Lower Upper
117	100	
82	67.1	45.4 68.0
119	31.9	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: VY007258.D

Acq: 21 Jan 2022 17:16

Tgt Ion:152	Resp:	1507
Ion	Ratio	Lower Upper
152	100	
115	60.9	31.4 94.0
150	161.5	0.0 348.4

