

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011579.D
 Acq On : 23 Nov 2022 16:44
 Operator : KP/MD
 Sample : N5762-08
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Nov 24 00:38:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	3888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	6152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3325	84.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	168.440%#
35) Dibromofluoromethane	7.716	113	1590	38.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.720%
50) Toluene-d8	10.185	98	7916	53.245	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.483	95	2175	39.568	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.140%

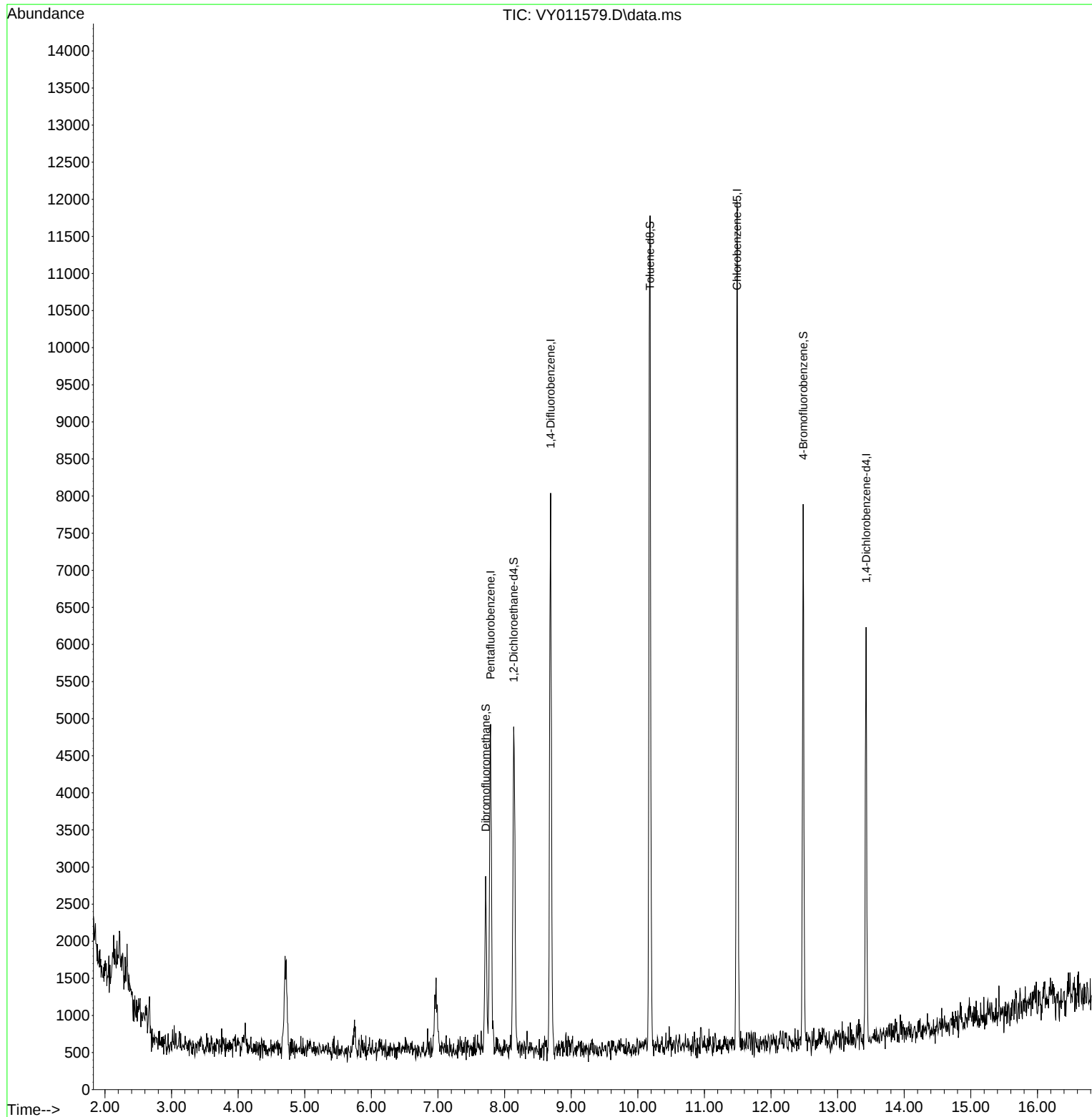
Target Compounds	Qvalue

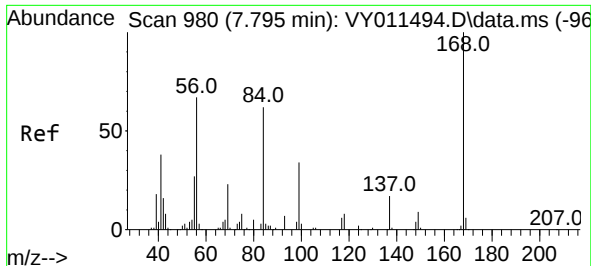
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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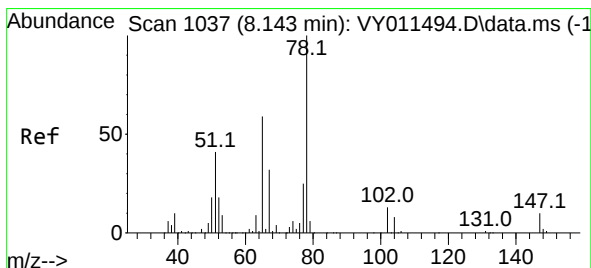
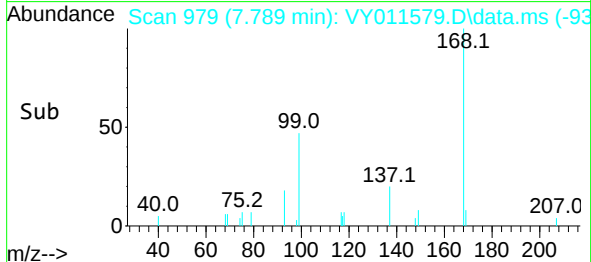
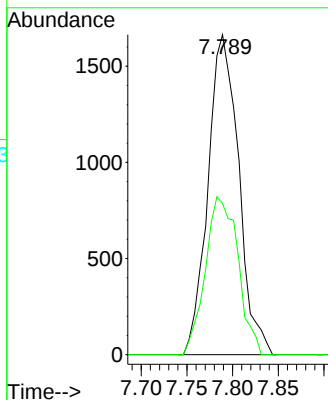
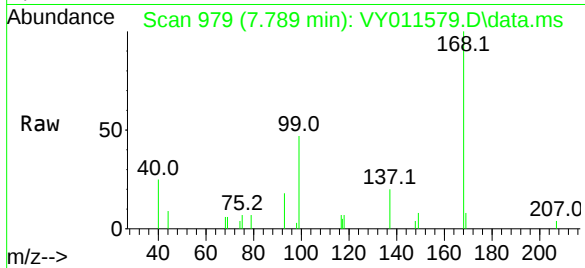




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

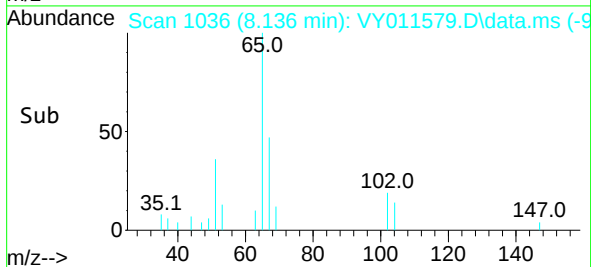
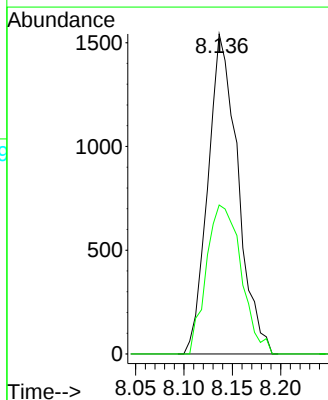
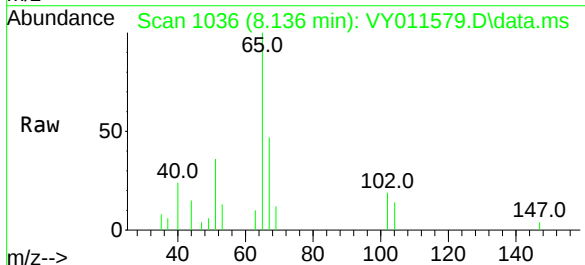
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:168 Resp: 3888
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 84.223 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

Tgt Ion: 65 Resp: 3325
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011579.D

Acq: 23 Nov 2022 16:44

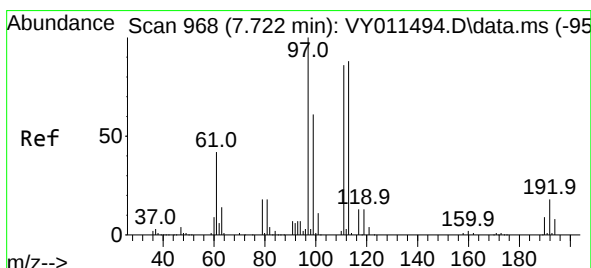
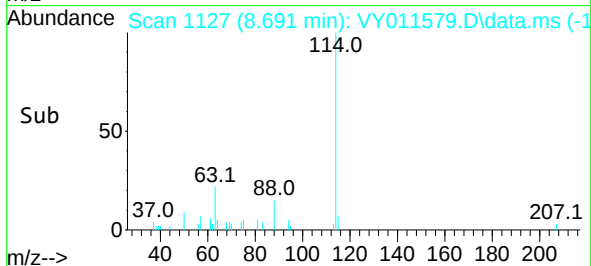
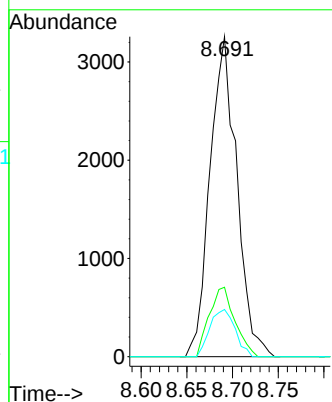
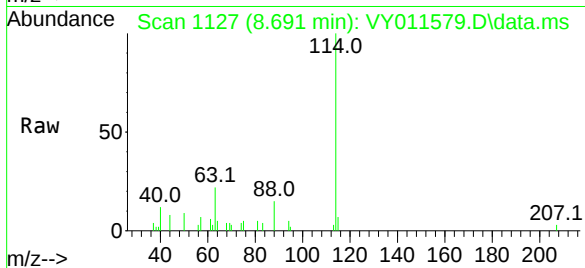
Instrument :

MSVOA_Y

ClientSampleId :

TP-2

Tgt Ion:114	Resp:	6646
Ion	Ratio	Lower Upper
114	100	
63	21.7	0.0 43.2
88	14.8	0.0 31.8



#35

Dibromofluoromethane

Concen: 38.864 ug/l

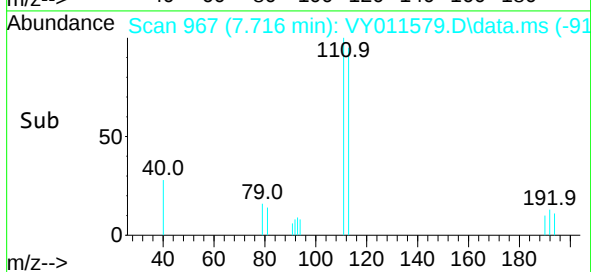
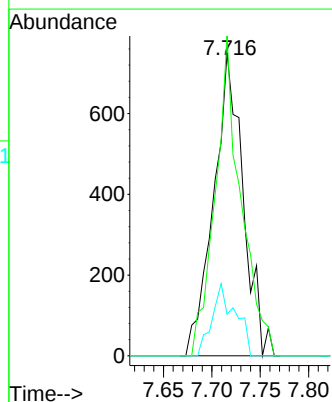
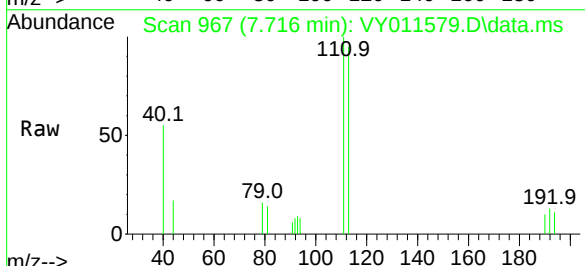
RT: 7.716 min Scan# 967

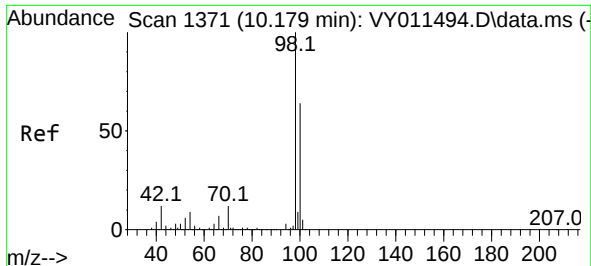
Delta R.T. -0.006 min

Lab File: VY011579.D

Acq: 23 Nov 2022 16:44

Tgt Ion:113	Resp:	1590
Ion	Ratio	Lower Upper
113	100	
111	92.1	82.6 124.0
192	18.9	17.6 26.4

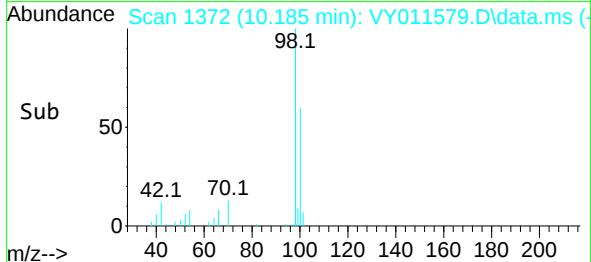
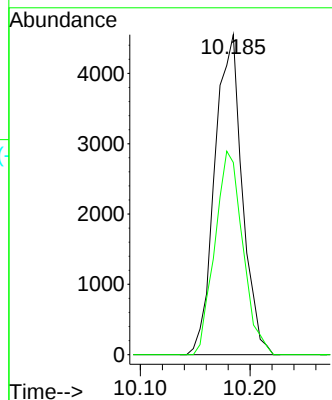
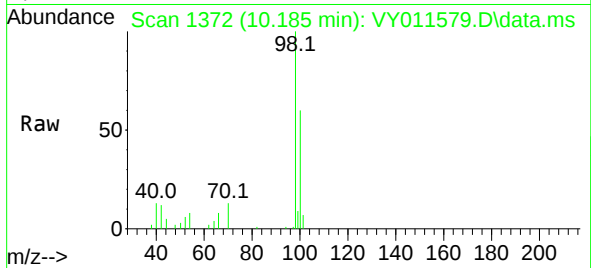




#50
Toluene-d8
Concen: 53.245 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

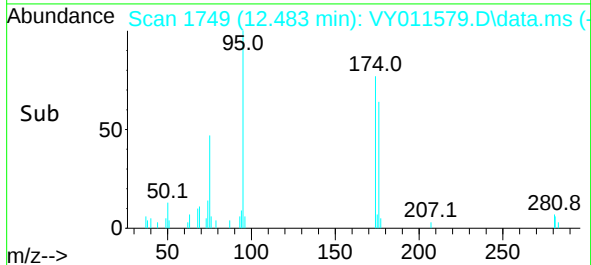
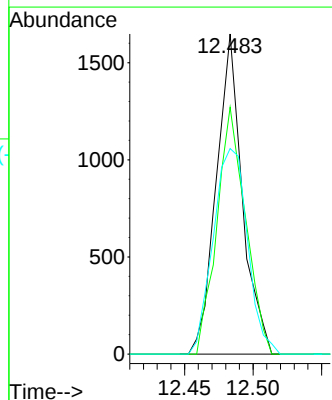
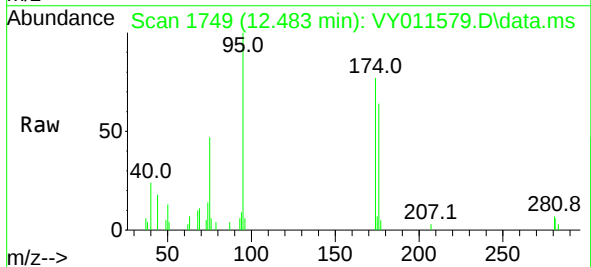
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

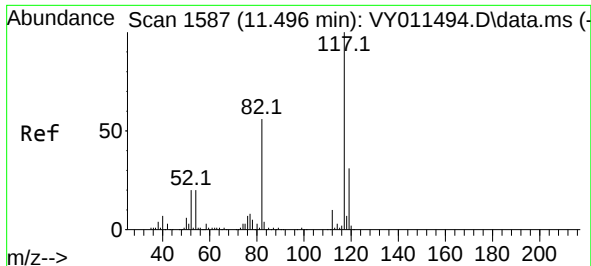
Tgt Ion: 98 Resp: 7916
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.568 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011579.D
Acq: 23 Nov 2022 16:44

Tgt Ion: 95 Resp: 2175
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 84.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY011579.D

Acq: 23 Nov 2022 16:44

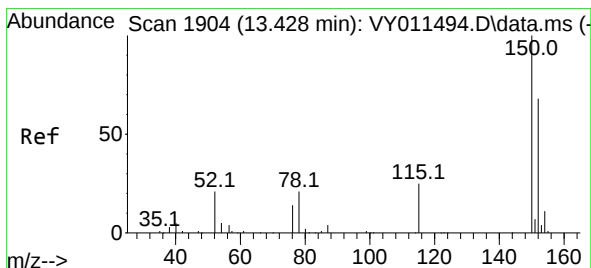
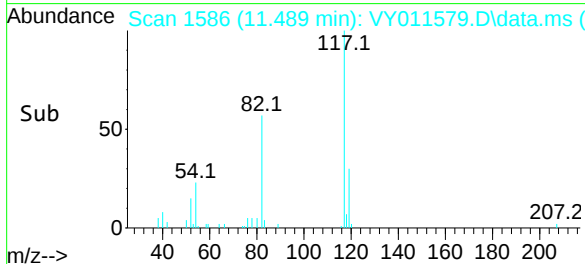
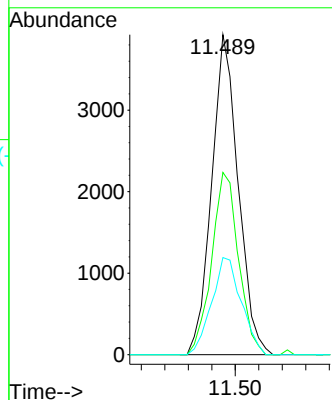
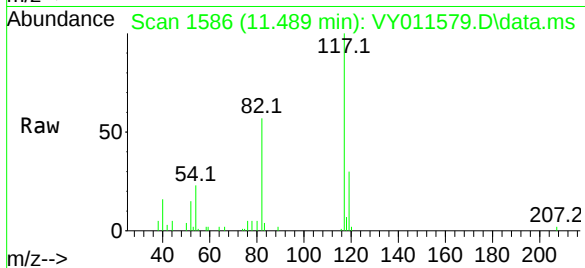
Instrument :

MSVOA_Y

ClientSampleId :

TP-2

Tgt Ion:117	Resp:	6152
Ion	Ratio	Lower Upper
117	100	
82	56.9	43.0 64.4
119	30.4	25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011579.D

Acq: 23 Nov 2022 16:44

Tgt Ion:152	Resp:	1651
Ion	Ratio	Lower Upper
152	100	
115	55.5	28.2 84.7
150	139.4	0.0 347.6

