

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014144.D
 Acq On : 13 Jun 2023 17:03
 Operator : KP/MD
 Sample : 03166-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TEST-PIT-6-12-23

Quant Time: Jun 14 01:37:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2401	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	4168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	5026	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1768	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2667	79.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.540%
35) Dibromofluoromethane	7.716	113	1408	47.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.260%
50) Toluene-d8	10.179	98	5486	49.644	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.280%
62) 4-Bromofluorobenzene	12.477	95	2655	67.634	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	135.260%

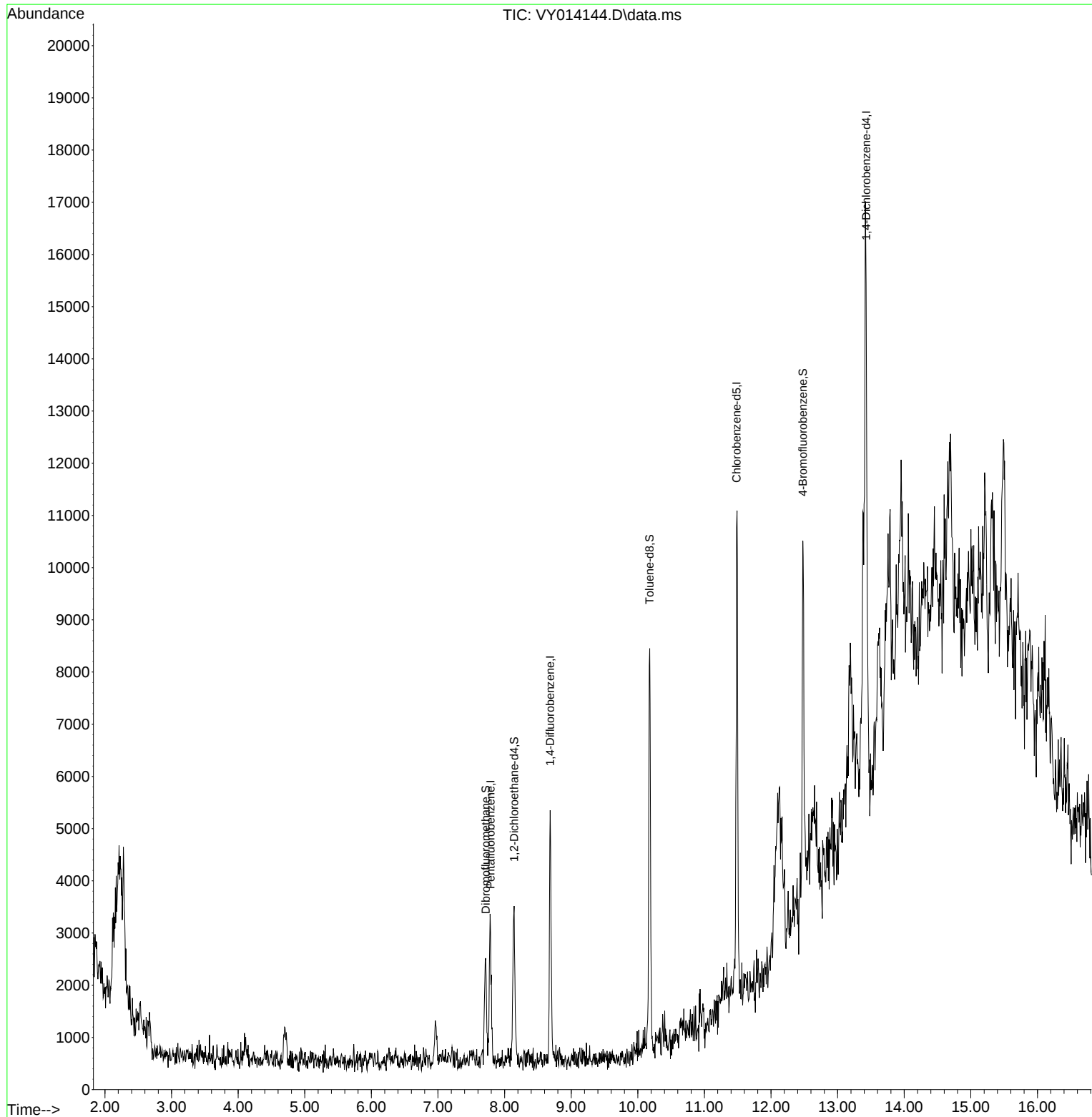
Target Compounds	Qvalue

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

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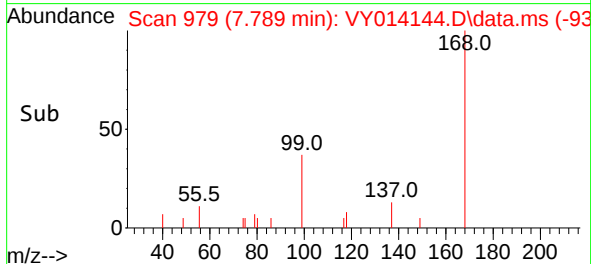
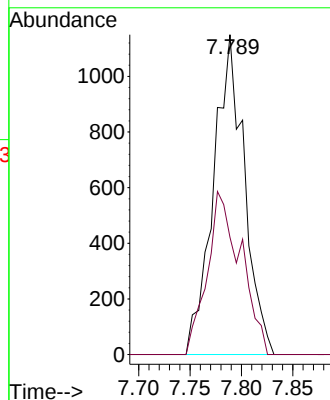
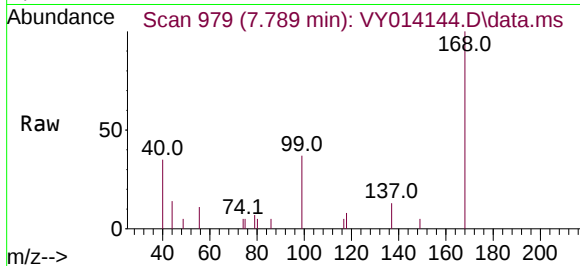




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014144.D
Acq: 13 Jun 2023 17:03

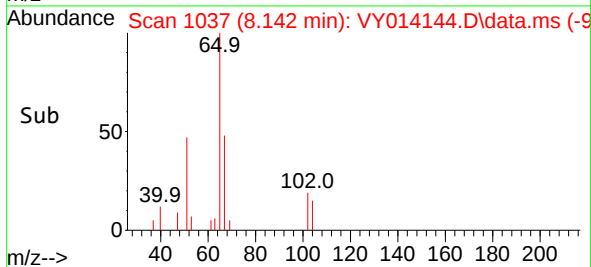
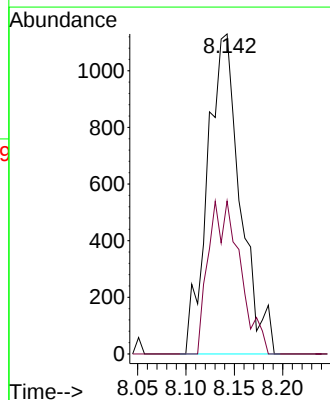
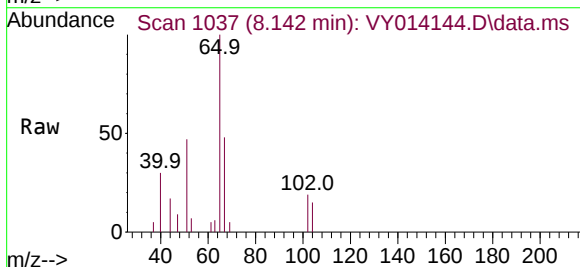
Instrument :
MSVOA_Y
ClientSampleId :
TEST-PIT-6-12-23

Tgt Ion:168 Resp: 2401
Ion Ratio Lower Upper
168 100
99 36.7 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 79.768 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014144.D
Acq: 13 Jun 2023 17:03

Tgt Ion: 65 Resp: 2667
Ion Ratio Lower Upper
65 100
67 46.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014144.D

Acq: 13 Jun 2023 17:03

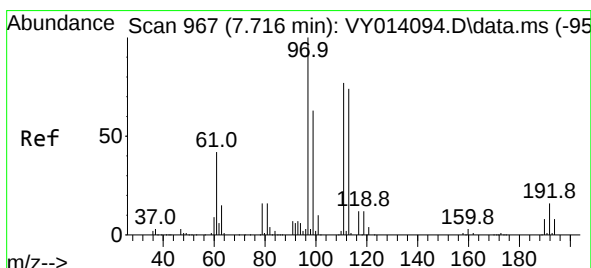
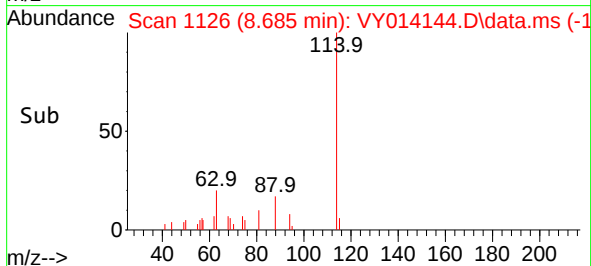
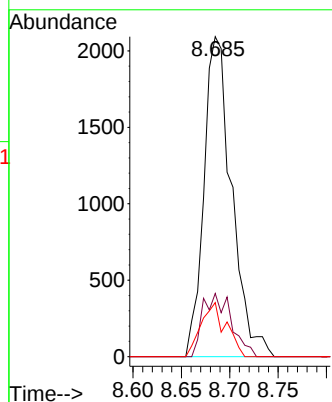
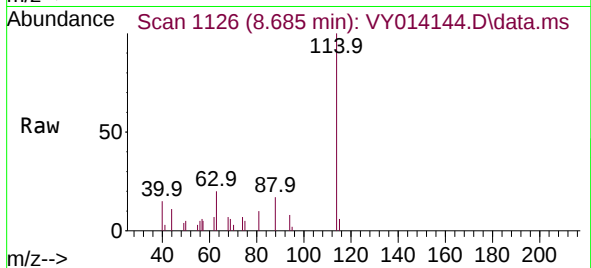
Instrument :

MSVOA_Y

ClientSampleId :

TEST-PIT-6-12-23

Tgt Ion:114	Resp:	4168
Ion	Ratio	Lower Upper
114	100	
63	19.7	0.0 42.4
88	16.9	0.0 30.6



#35

Dibromofluoromethane

Concen: 47.634 ug/l

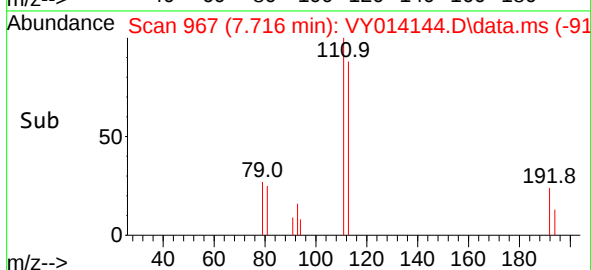
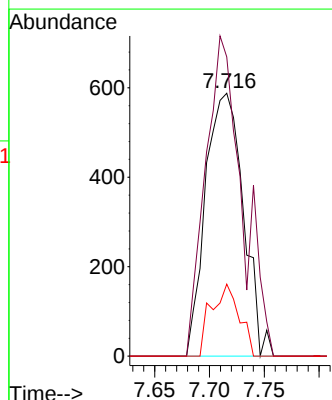
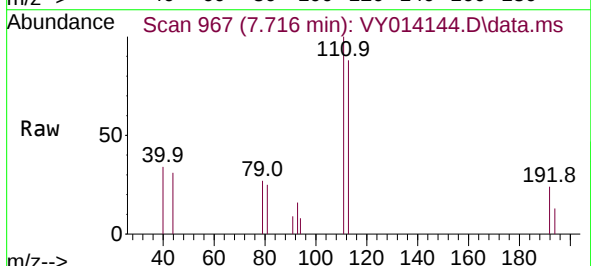
RT: 7.716 min Scan# 967

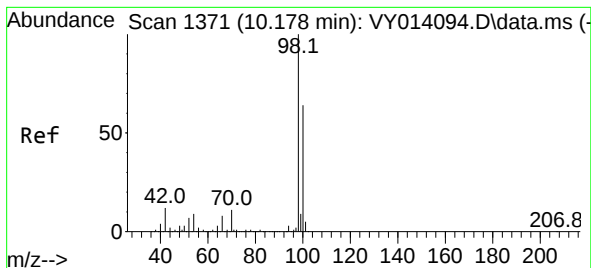
Delta R.T. -0.000 min

Lab File: VY014144.D

Acq: 13 Jun 2023 17:03

Tgt Ion:113	Resp:	1408
Ion	Ratio	Lower Upper
113	100	
111	117.8	81.3 121.9
192	20.3	16.9 25.3





#50

Toluene-d8

Concen: 49.644 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014144.D

Acq: 13 Jun 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

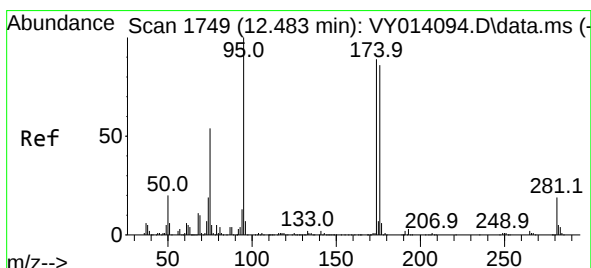
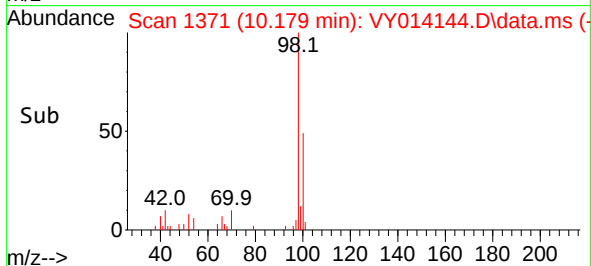
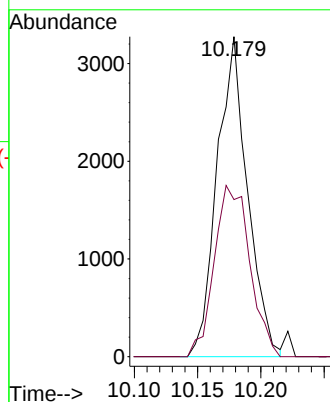
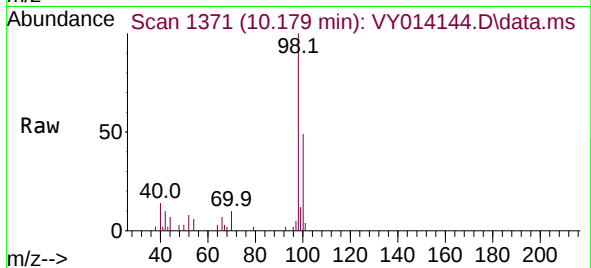
TEST-PIT-6-12-23

Tgt Ion: 98 Resp: 5486

Ion Ratio Lower Upper

98 100

100 62.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 67.634 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014144.D

Acq: 13 Jun 2023 17:03

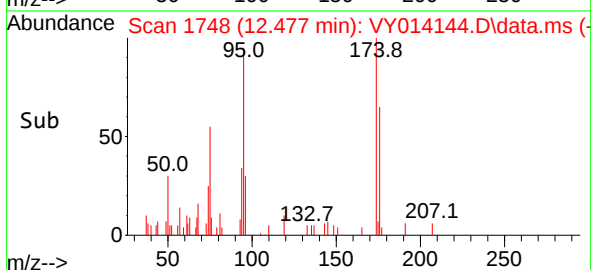
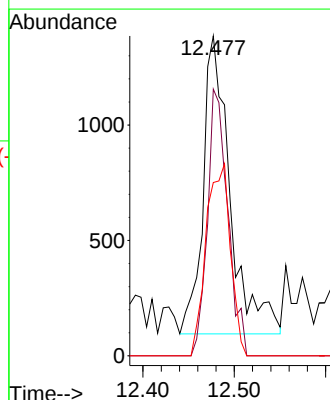
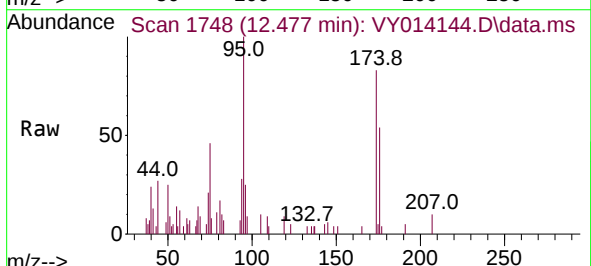
Tgt Ion: 95 Resp: 2655

Ion Ratio Lower Upper

95 100

174 67.2 0.0 178.2

176 57.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014144.D

Acq: 13 Jun 2023 17:03

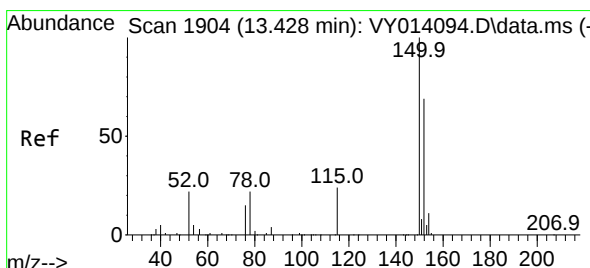
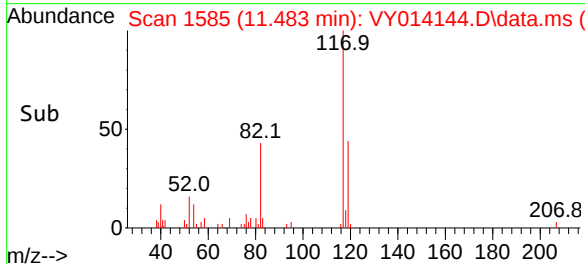
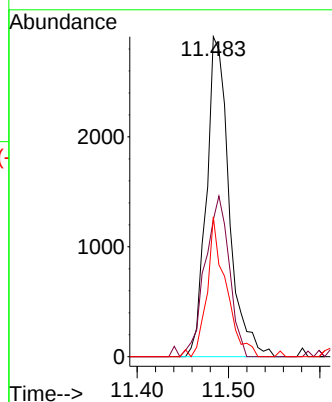
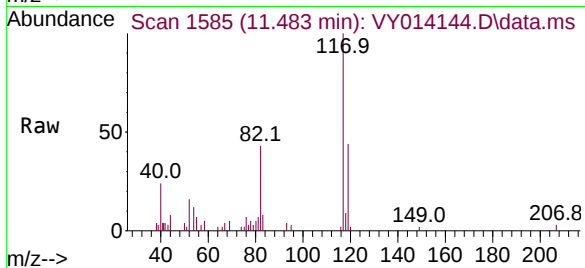
Instrument :

MSVOA_Y

ClientSampleId :

TEST-PIT-6-12-23

Tgt Ion:117	Resp:	5026
Ion	Ratio	Lower Upper
117	100	
82	42.8	43.4 65.0#
119	43.7	26.3 39.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014144.D

Acq: 13 Jun 2023 17:03

Tgt Ion:152	Resp:	1768
Ion	Ratio	Lower Upper
152	100	
115	87.8	28.8 86.5#
150	155.3	0.0 348.8

