

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011554.D
 Acq On : 22 Nov 2022 17:35
 Operator : KP/MD
 Sample : N5745-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAT-04-112122

Quant Time: Nov 23 04:08:40 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	1110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	609	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	1019	90.410	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	180.820%#
35) Dibromofluoromethane	7.716	113	425	33.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	67.760%
50) Toluene-d8	10.179	98	2410	52.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.720%
62) 4-Bromofluorobenzene	12.483	95	848	50.308	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.620%

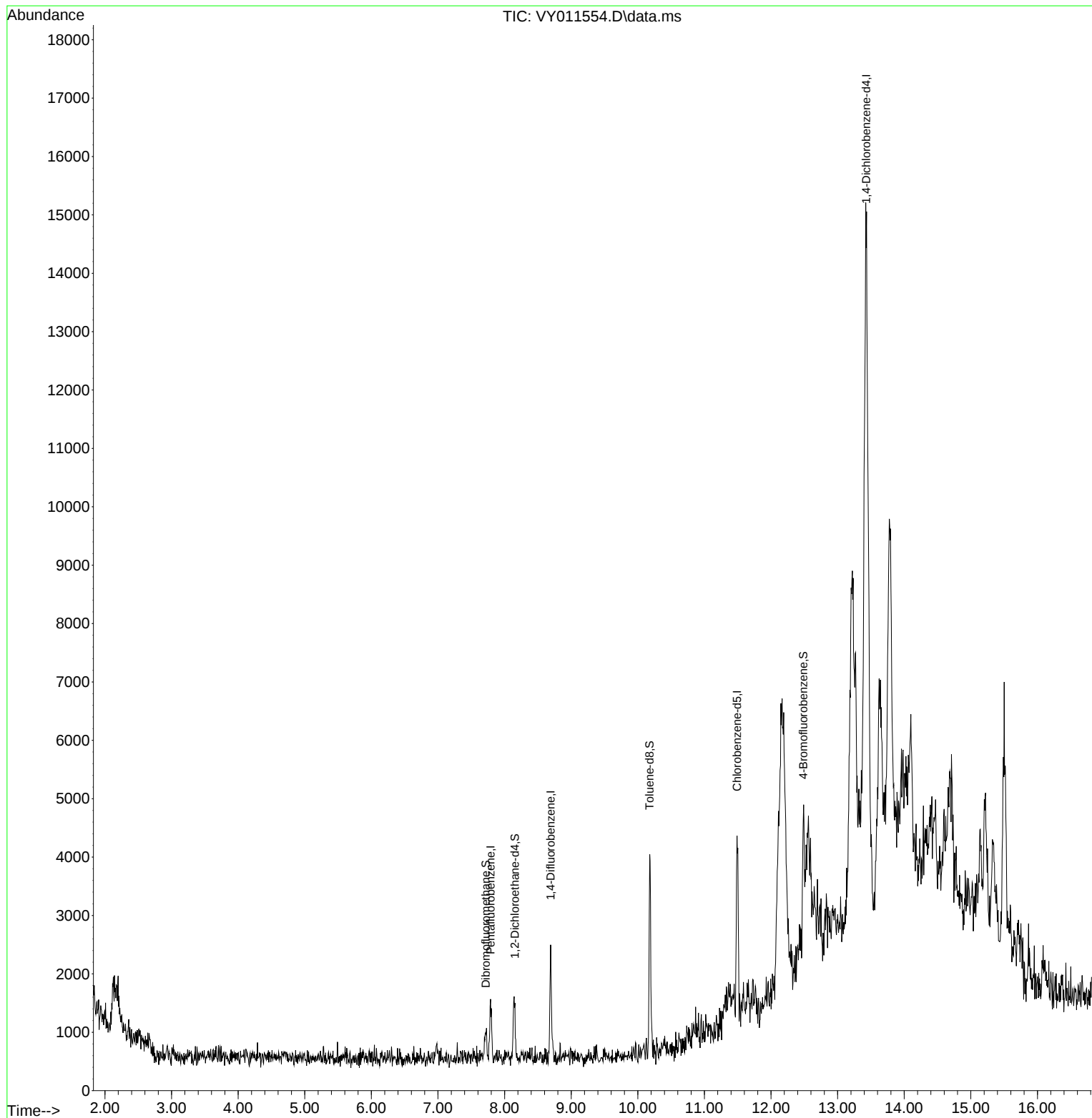
Target Compounds	Qvalue

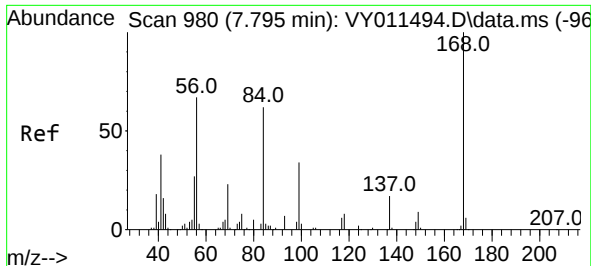
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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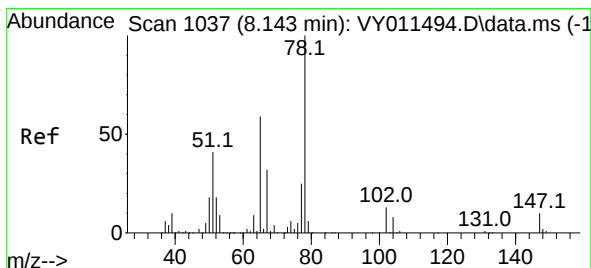
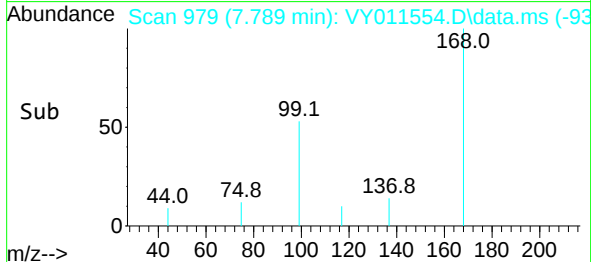
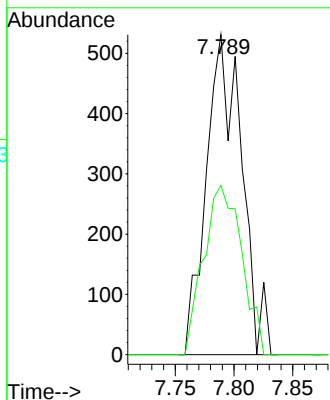
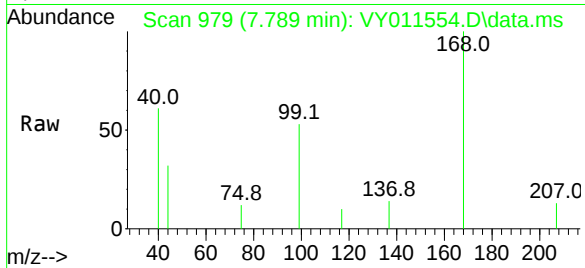




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

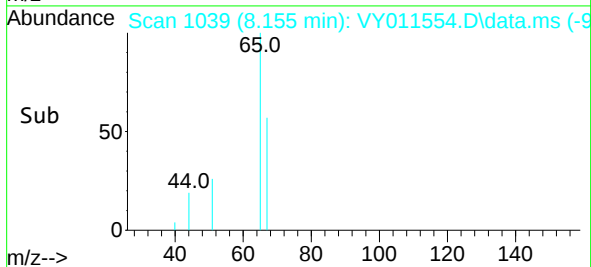
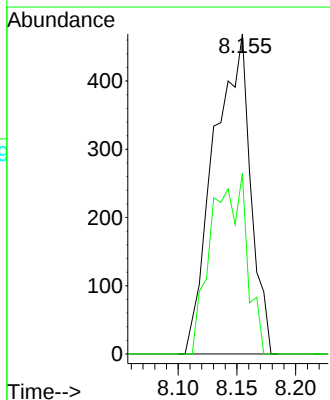
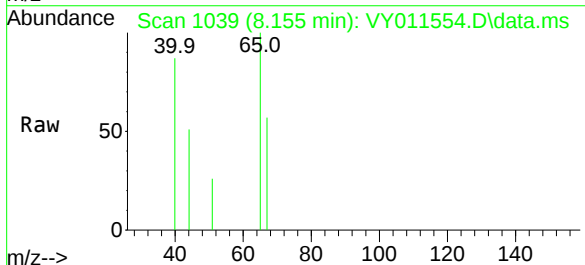
Instrument :
MSVOA_Y
ClientSampleId :
PAT-04-112122

Tgt Ion:168 Resp: 1110
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 90.410 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Tgt Ion: 65 Resp: 1019
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4

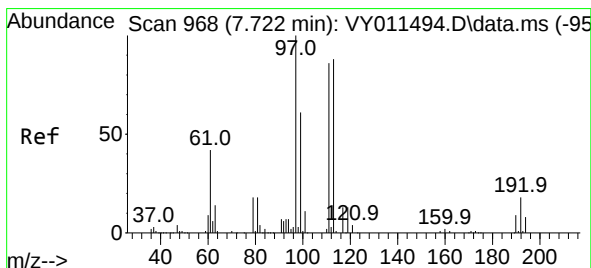
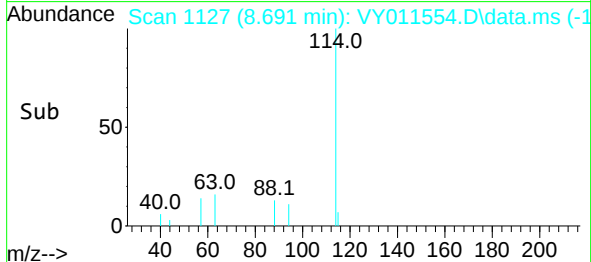
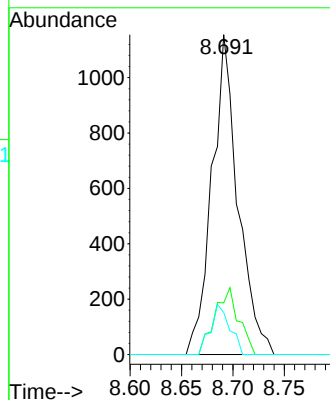
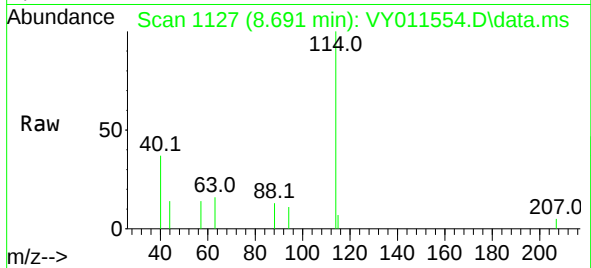




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

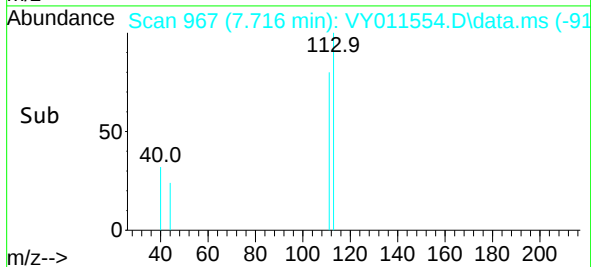
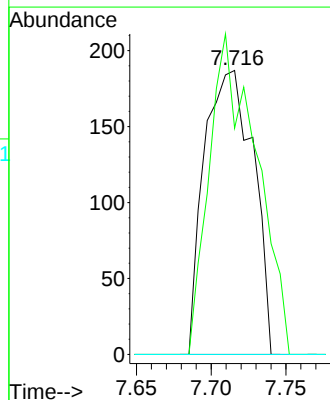
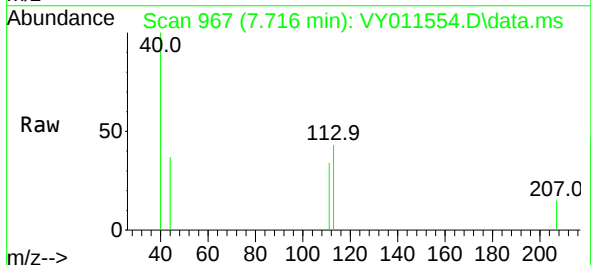
Instrument :
MSVOA_Y
ClientSampleId :
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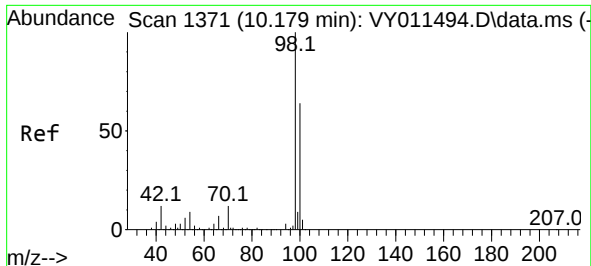
Tgt Ion:	114	Resp:	2038
Ion Ratio	Lower	Upper	
114	100		
63	16.2	0.0	43.2
88	13.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 33.876 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Tgt Ion:	113	Resp:	425
Ion Ratio	Lower	Upper	
113	100		
111	108.7	82.6	124.0
192	0.0	17.6	26.4

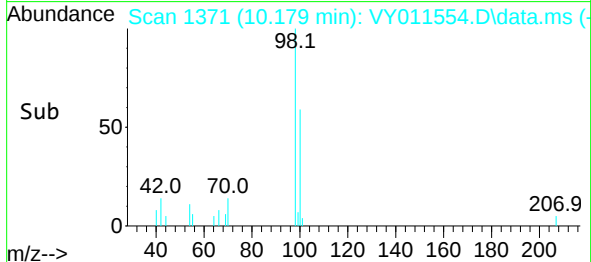
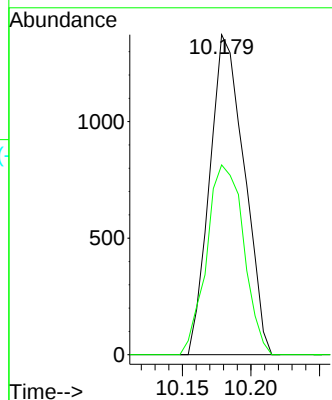
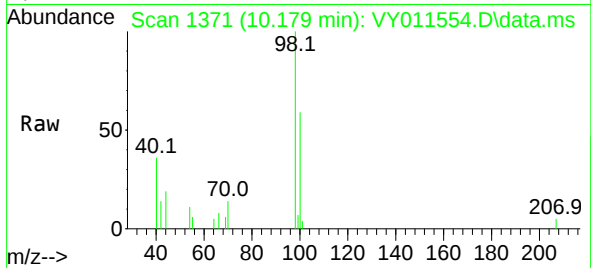




#50
Toluene-d8
Concen: 52.862 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

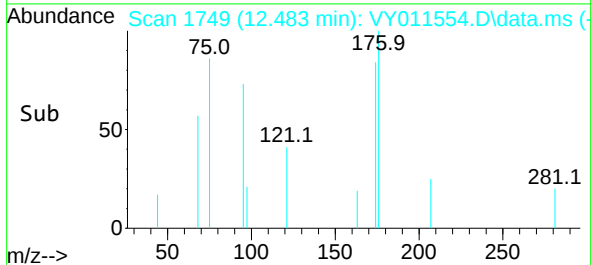
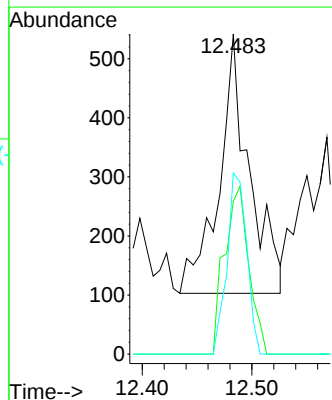
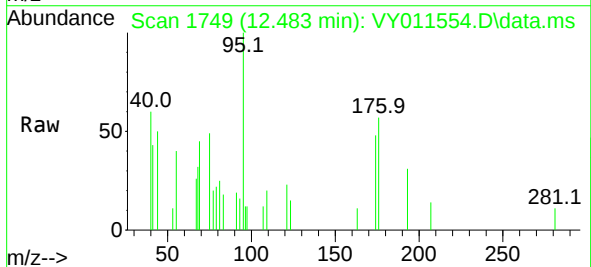
Instrument :
MSVOA_Y
ClientSampleId :
PAT-04-112122

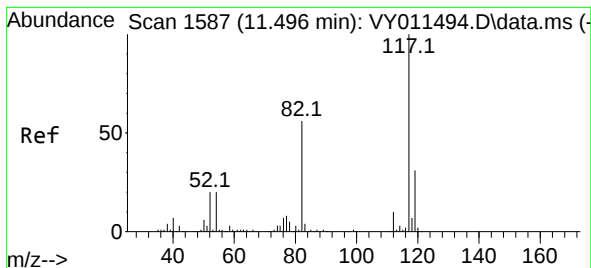
Tgt Ion: 98 Resp: 2410
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.308 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011554.D
Acq: 22 Nov 2022 17:35

Tgt Ion: 95 Resp: 848
Ion Ratio Lower Upper
95 100
174 51.5 0.0 177.0
176 45.0 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: VY011554.D

Acq: 22 Nov 2022 17:35

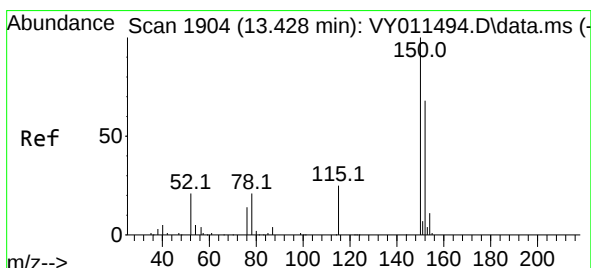
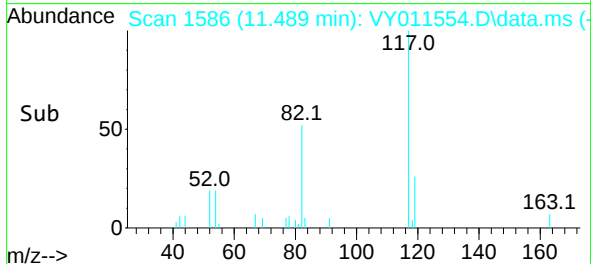
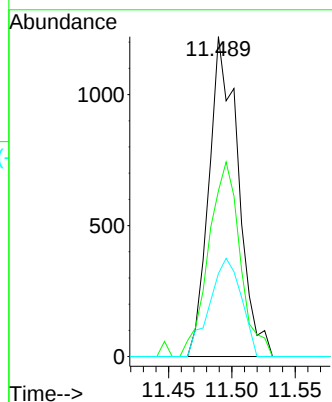
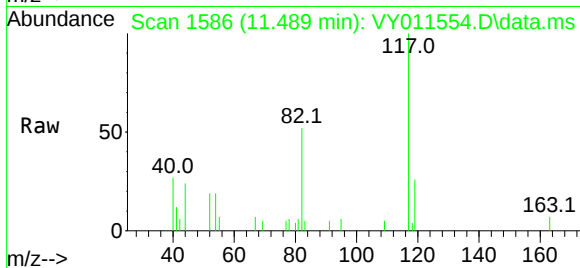
Instrument :

MSVOA_Y

ClientSampleId :

PAT-04-112122

Tgt Ion:117	Resp:	1963
Ion	Ratio	Lower Upper
117	100	
82	51.8	43.0 64.4
119	26.0	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: VY011554.D

Acq: 22 Nov 2022 17:35

Tgt Ion:152	Resp:	609
Ion	Ratio	Lower Upper
152	100	
115	72.6	28.2 84.7
150	126.4	0.0 347.6

