

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120122\
 Data File : VY011664.D
 Acq On : 01 Dec 2022 15:53
 Operator : KP/MD
 Sample : N5823-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-2-113022

Quant Time: Dec 02 03:21:52 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	7.795	168	2494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4049	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2005	79.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.340%	
35) Dibromofluoromethane	7.716	113	914	34.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 69.460%	
50) Toluene-d8	10.179	98	4792	50.109	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.220%	
62) 4-Bromofluorobenzene	12.489	95	1271	35.947	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 71.900%	

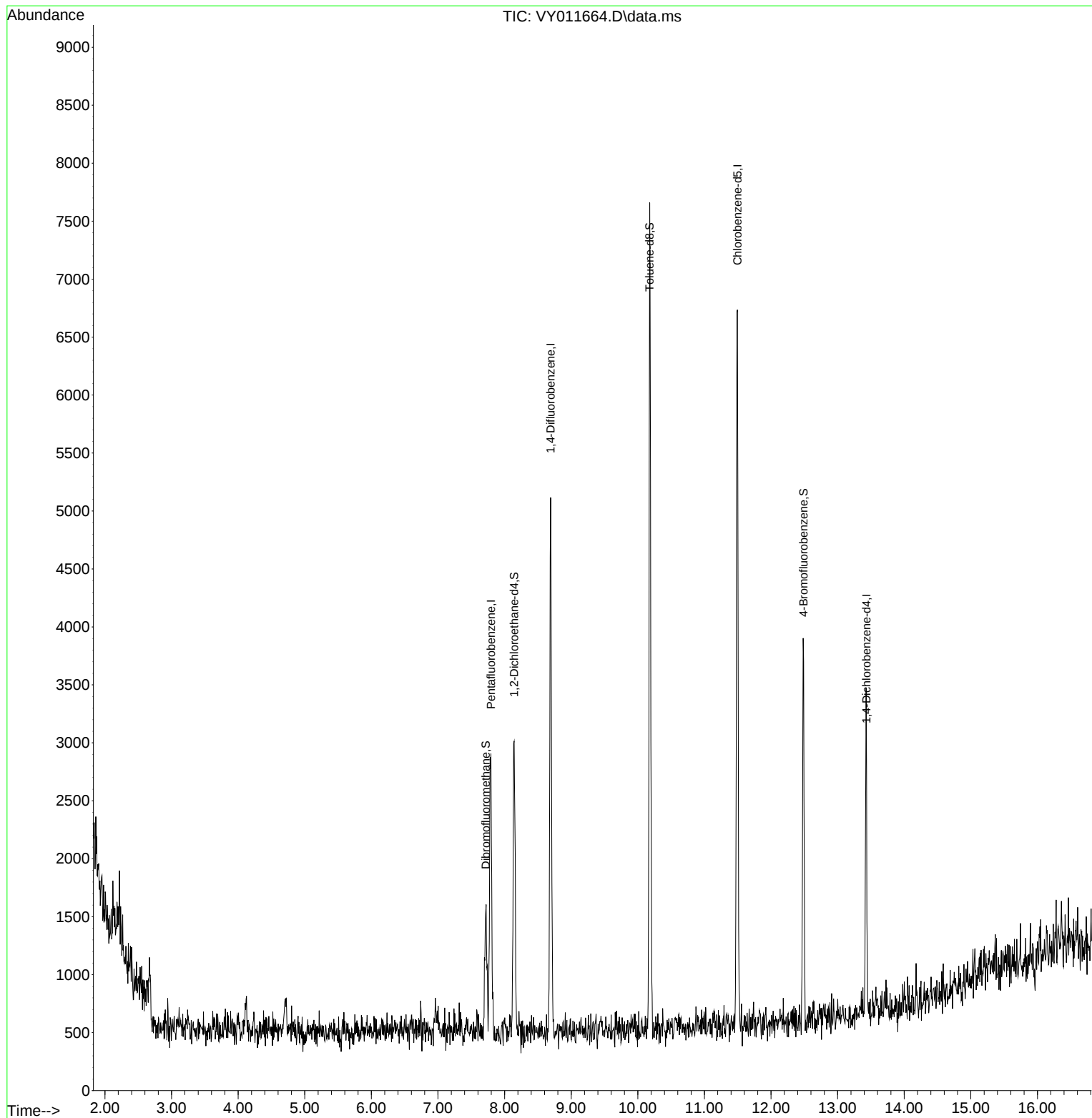
Target Compounds	Qvalue

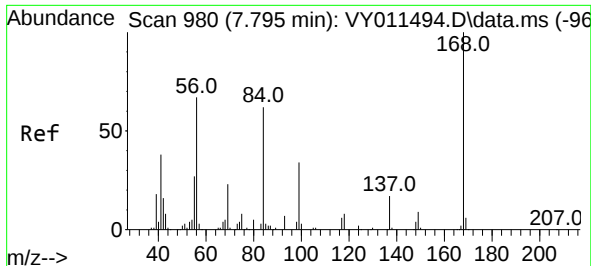
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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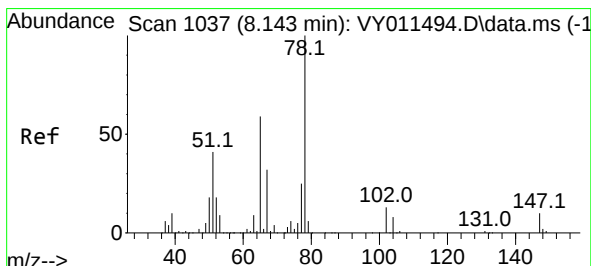
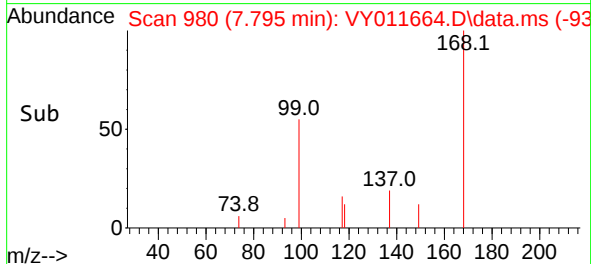
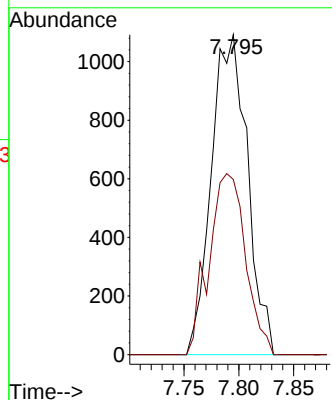
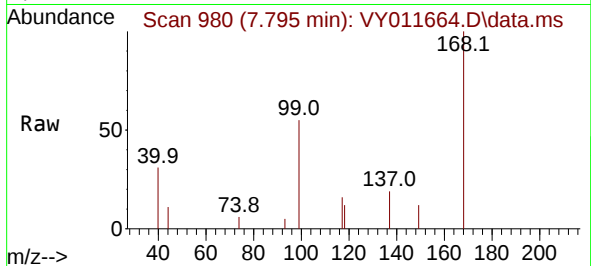




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011664.D
Acq: 01 Dec 2022 15:53

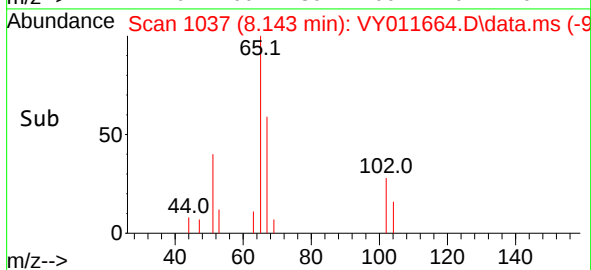
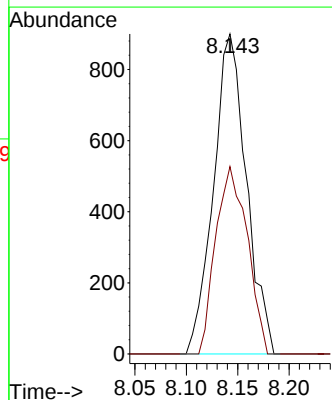
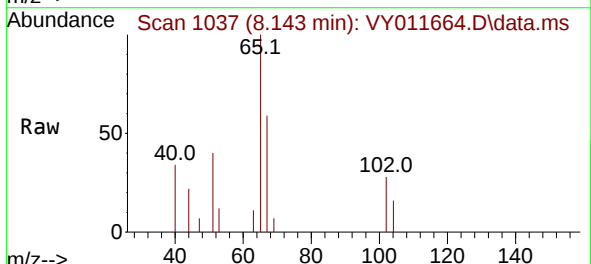
Instrument :
MSVOA_Y
ClientSampleId :
OE-2-113022

Tgt Ion:168 Resp: 2494
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 79.174 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011664.D
Acq: 01 Dec 2022 15:53

Tgt Ion: 65 Resp: 2005
Ion Ratio Lower Upper
65 100
67 56.2 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: VY011664.D

Acq: 01 Dec 2022 15:53

Instrument :

MSVOA_Y

ClientSampleId :

OE-2-113022

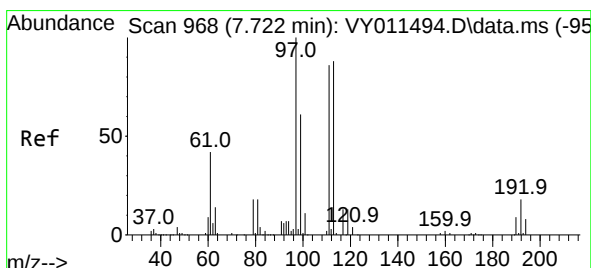
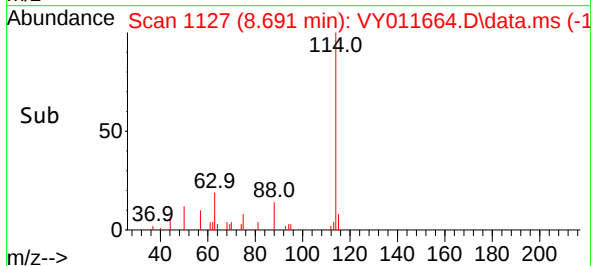
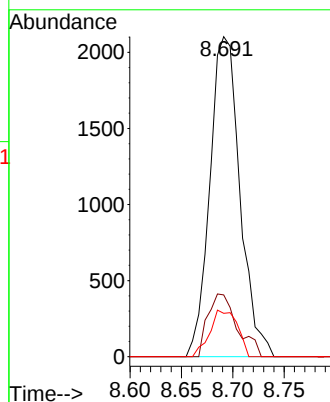
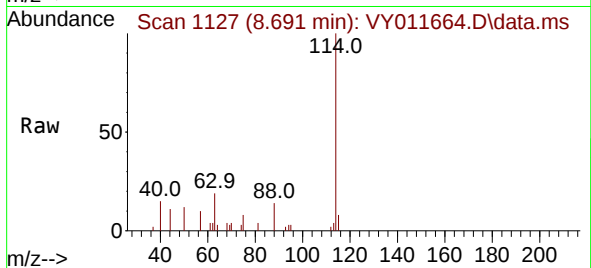
Tgt Ion:114 Resp: 4275

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 34.731 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011664.D

Acq: 01 Dec 2022 15:53

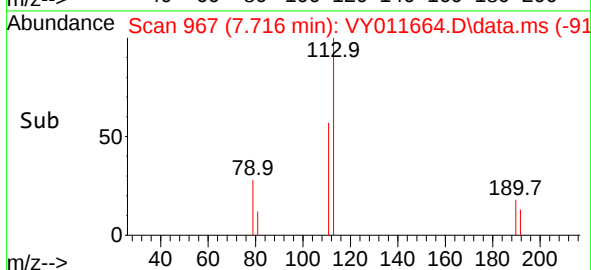
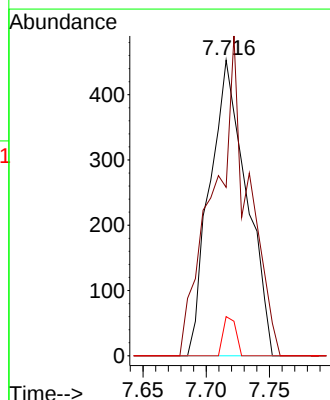
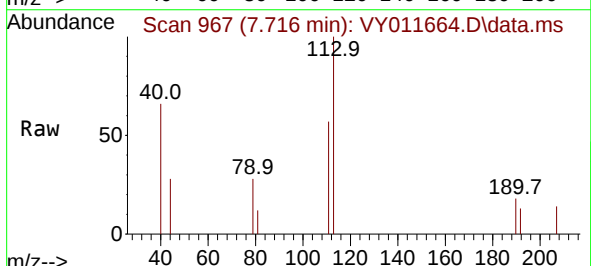
Tgt Ion:113 Resp: 914

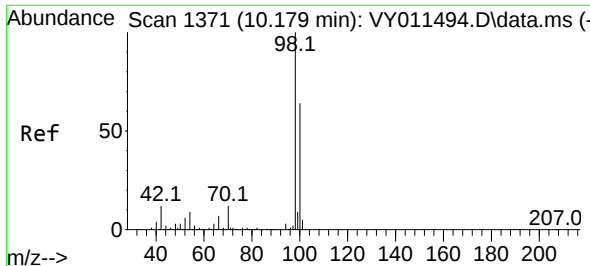
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 4.5 17.6 26.4#

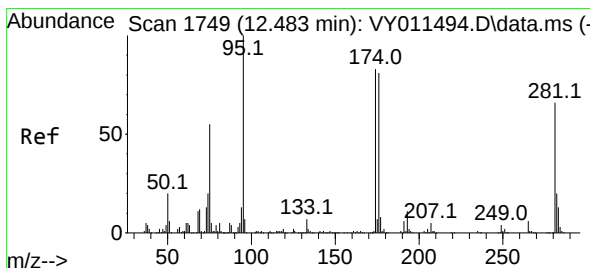
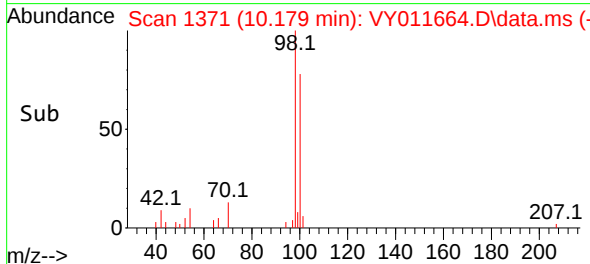
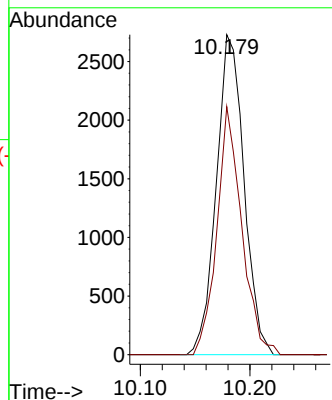
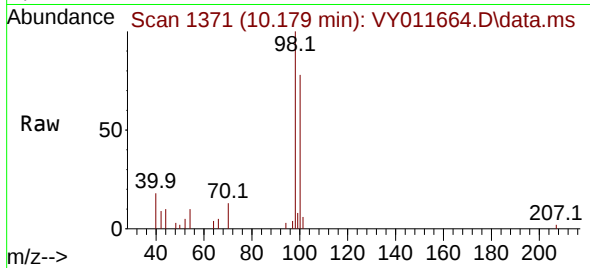




#50
Toluene-d8
Concen: 50.109 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011664.D
Acq: 01 Dec 2022 15:53

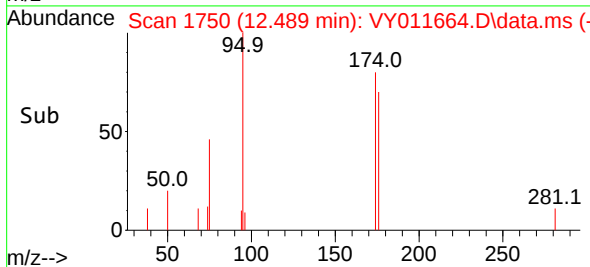
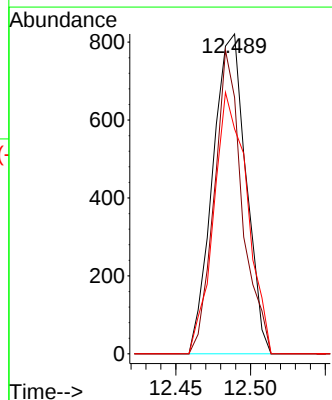
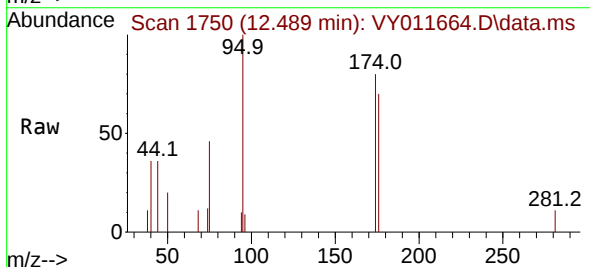
Instrument :
MSVOA_Y
ClientSampleId :
OE-2-113022

Tgt Ion: 98 Resp: 4792
Ion Ratio Lower Upper
98 100
100 69.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.947 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY011664.D
Acq: 01 Dec 2022 15:53

Tgt Ion: 95 Resp: 1271
Ion Ratio Lower Upper
95 100
174 79.5 0.0 177.0
176 82.5 0.0 175.8

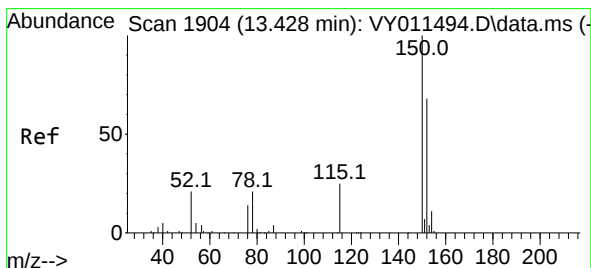
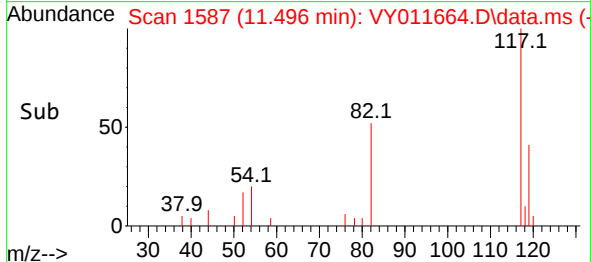
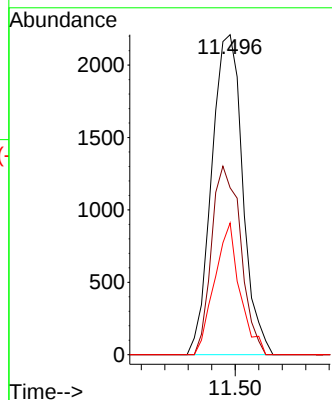
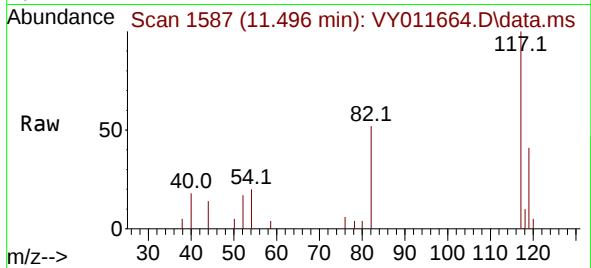




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011664.D
Acq: 01 Dec 2022 15:53

Instrument :
MSVOA_Y
ClientSampleId :
OE-2-113022

Tgt Ion:117 Resp: 4049
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 41.2 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY011664.D
Acq: 01 Dec 2022 15:53

Tgt Ion:152 Resp: 903
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 146.3 0.0 347.6

