

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008486.D
 Acq On : 25 Apr 2022 16:50
 Operator : KP/MD
 Sample : N2548-10
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11

Quant Time: Apr 26 01:57:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	120	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.685	114	460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	190	134.566	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	269.140%#
35) Dibromofluoromethane	7.710	113	46	15.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	30.980%#
50) Toluene-d8	10.179	98	531	45.104	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.200%
62) 4-Bromofluorobenzene	12.477	95	19	4.753	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	9.500%#

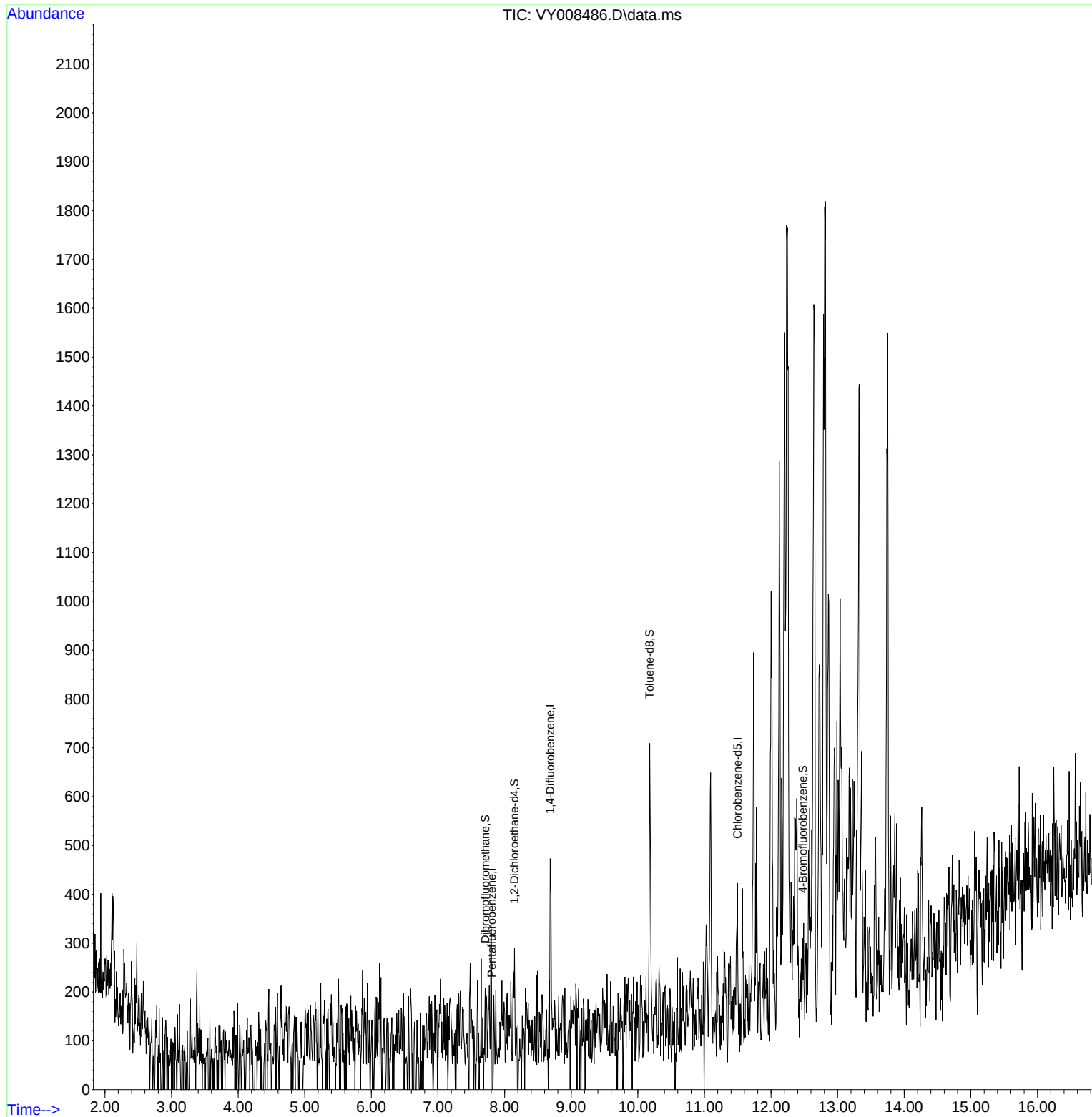
Target Compounds	Qvalue

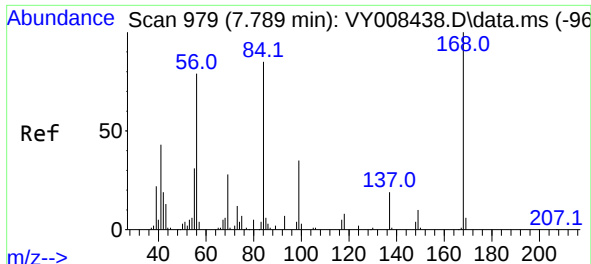
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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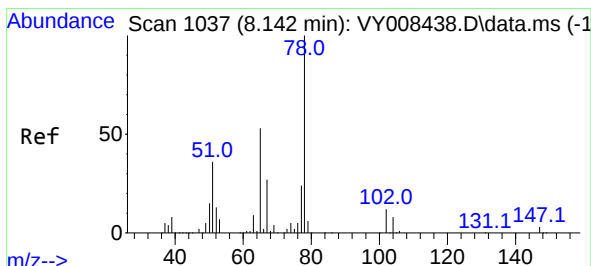
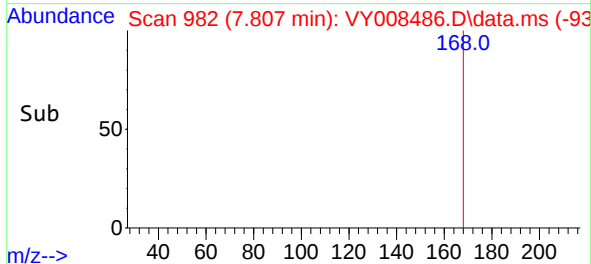
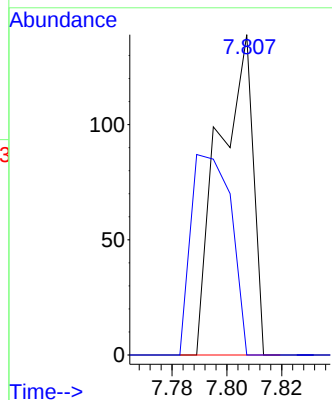
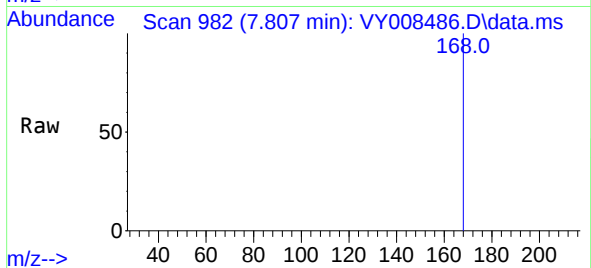




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY008486.D
Acq: 25 Apr 2022 16:50

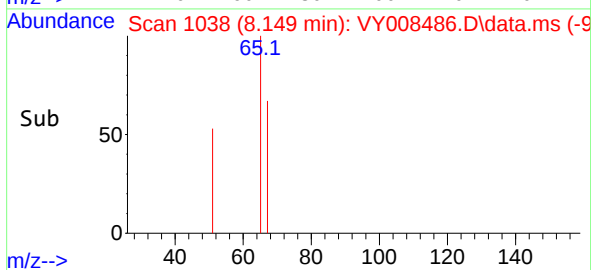
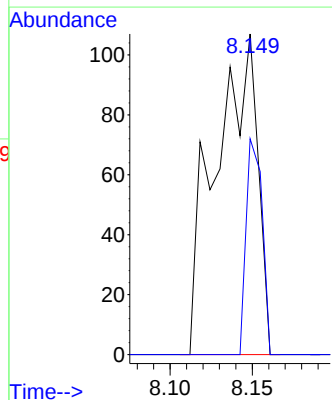
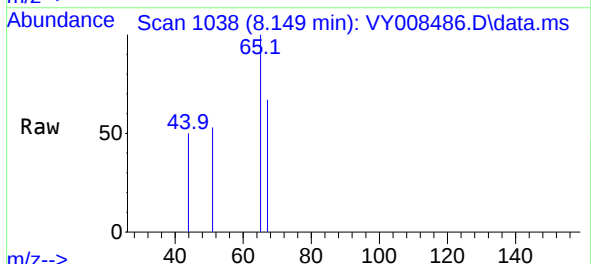
Instrument :
MSVOA_Y
ClientSampleId :
TP-11

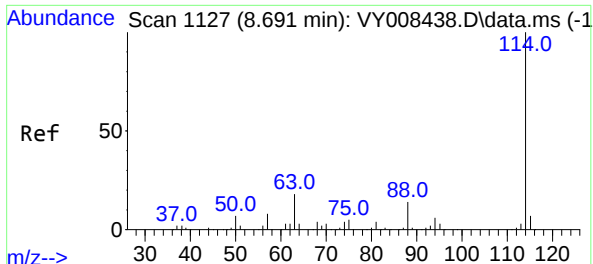
Tgt Ion:168 Resp: 120
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 134.566 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY008486.D
Acq: 25 Apr 2022 16:50

Tgt Ion: 65 Resp: 190
Ion Ratio Lower Upper
65 100
67 25.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008486.D

Acq: 25 Apr 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

TP-11

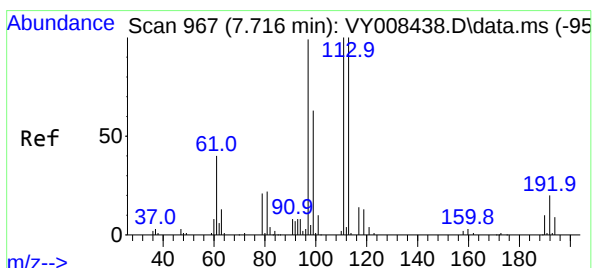
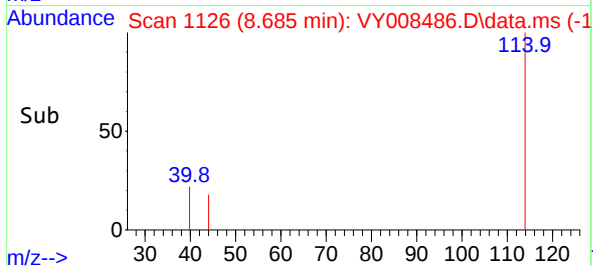
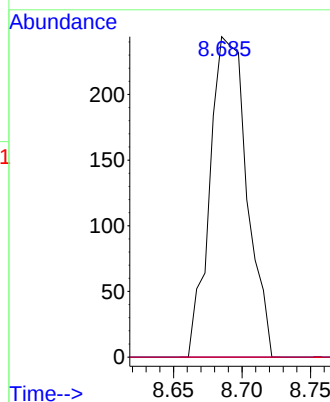
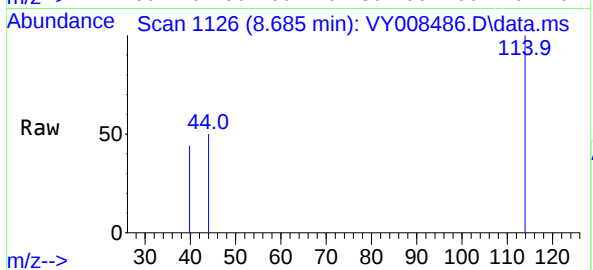
Tgt Ion:114 Resp: 460

Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 0.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 15.495 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY008486.D

Acq: 25 Apr 2022 16:50

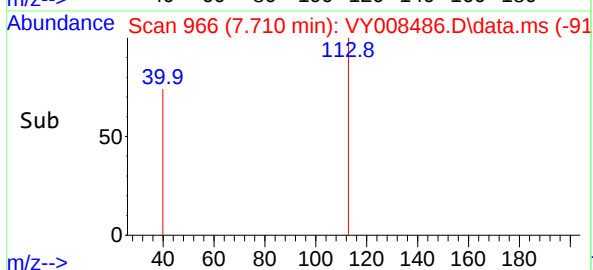
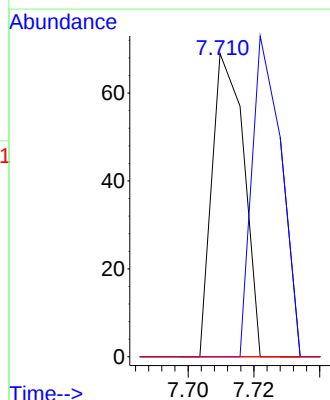
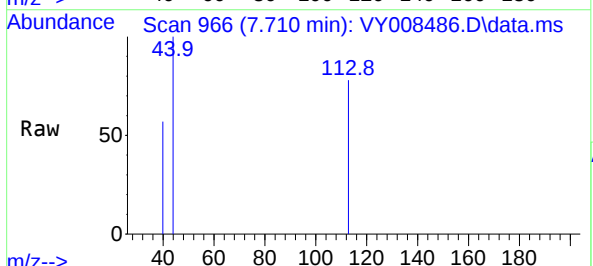
Tgt Ion:113 Resp: 46

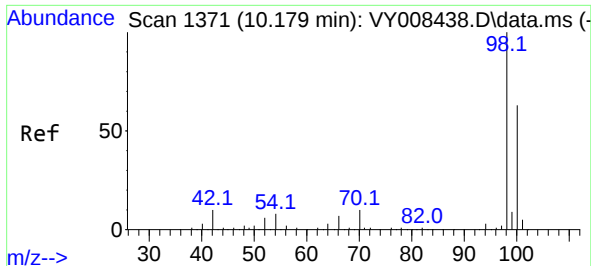
Ion Ratio Lower Upper

113 100

111 97.8 82.6 124.0

192 0.0 17.6 26.4#

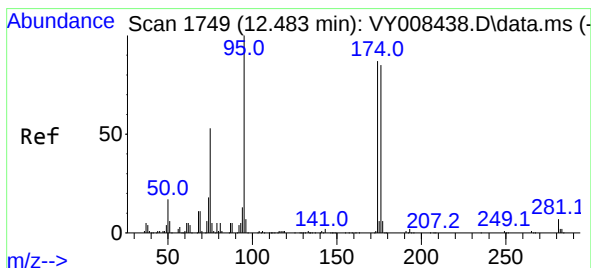
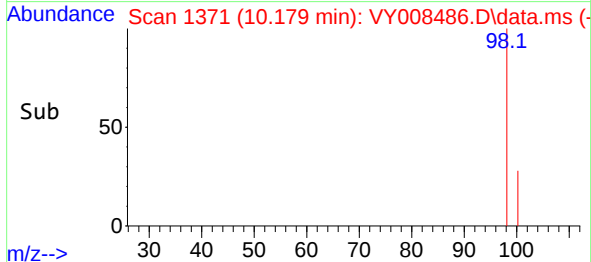
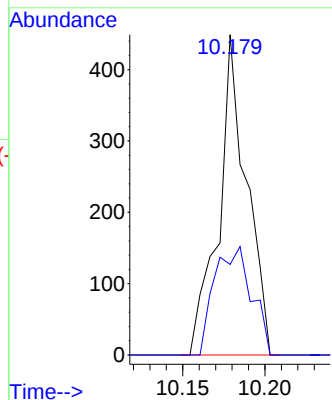
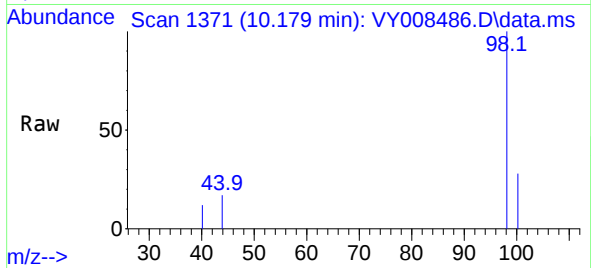




#50
Toluene-d8
Concen: 45.104 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008486.D
Acq: 25 Apr 2022 16:50

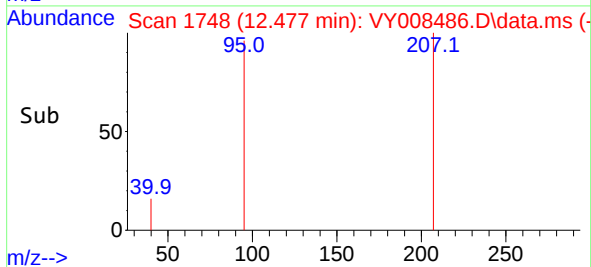
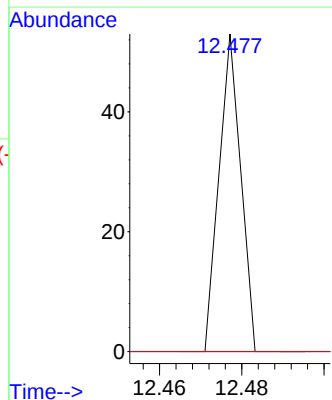
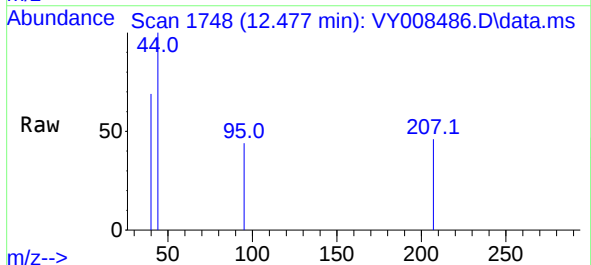
Instrument :
MSVOA_Y
ClientSampleId :
TP-11

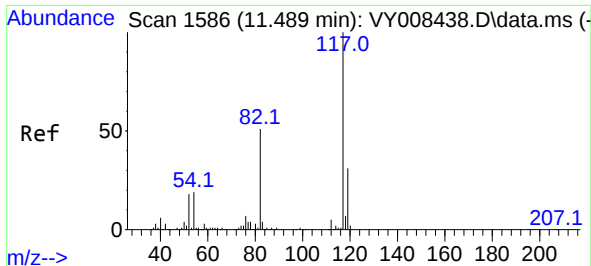
Tgt Ion: 98 Resp: 531
Ion Ratio Lower Upper
98 100
100 45.0 50.2 75.2#



#62
4-Bromofluorobenzene
Concen: 4.753 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008486.D
Acq: 25 Apr 2022 16:50

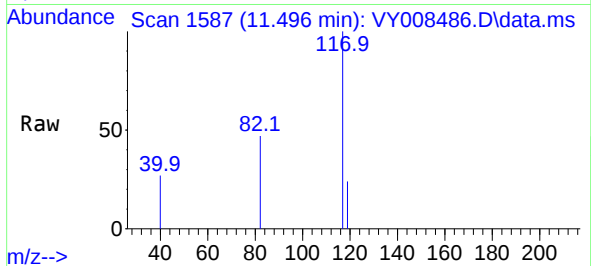
Tgt Ion: 95 Resp: 19
Ion Ratio Lower Upper
95 100
174 0.0 0.0 177.0
176 0.0 0.0 175.8



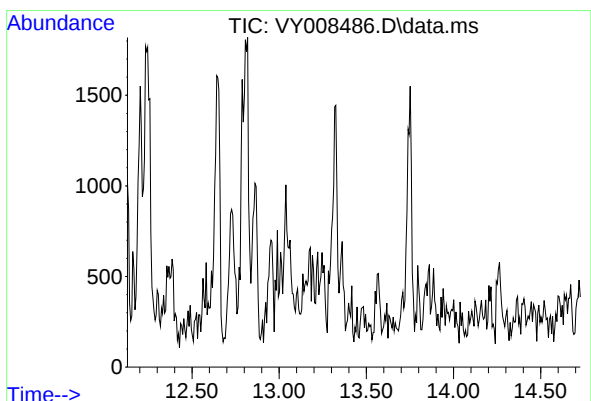
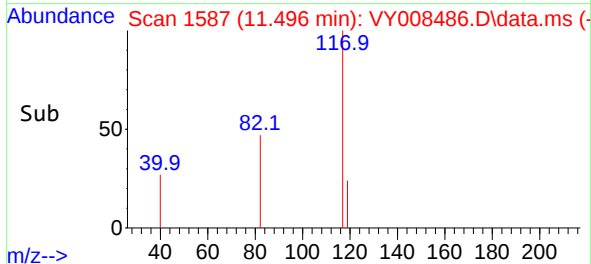
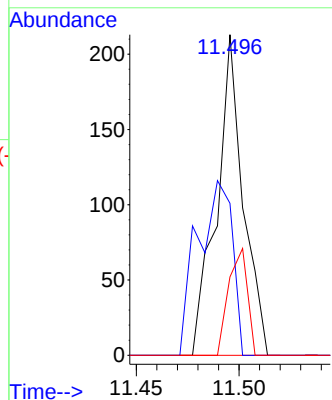


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008486.D
Acq: 25 Apr 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
TP-11



Tgt Ion:117	Resp:	191
Ion	Ratio	Lower Upper
117	100	
82	47.4	43.0 64.4
119	24.4	25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min

Lab File: VY008486.D
Acq: 25 Apr 2022 16:50

Tgt Ion: 152	
Sig	Exp Ratio
152	100
115	56.5
150	173.8

