

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006775.D
 Acq On : 16 Nov 2021 20:33
 Operator : SY/MD
 Sample : M4701-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-111521

Quant Time: Nov 17 04:09:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	1326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1326	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	202	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	923	85.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	170.940%#
35) Dibromofluoromethane	7.722	113	420	51.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.140%
50) Toluene-d8	10.191	98	1866	55.364	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.720%
62) 4-Bromofluorobenzene	12.483	95	392	34.499	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.000%

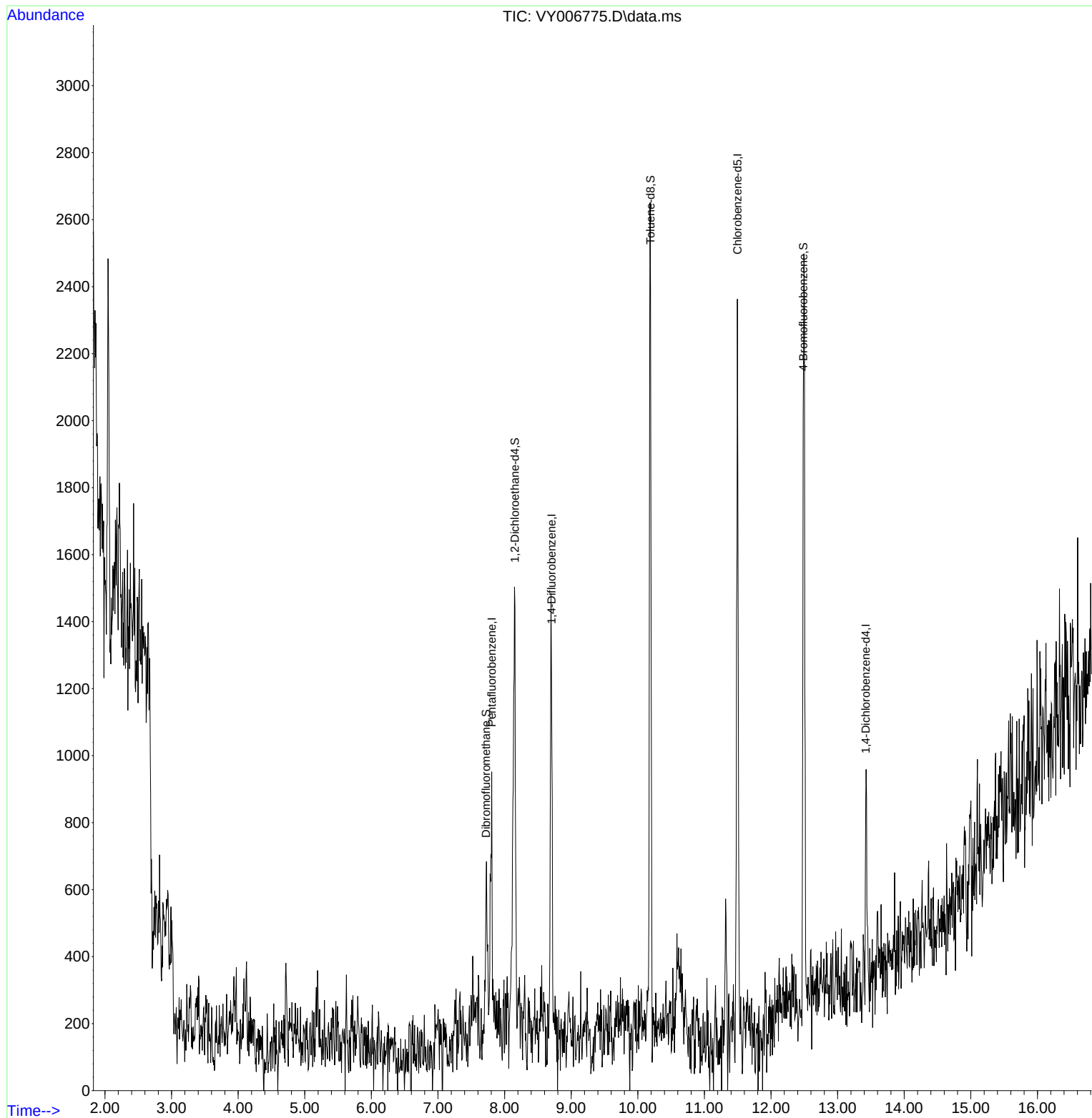
Target Compounds	Qvalue

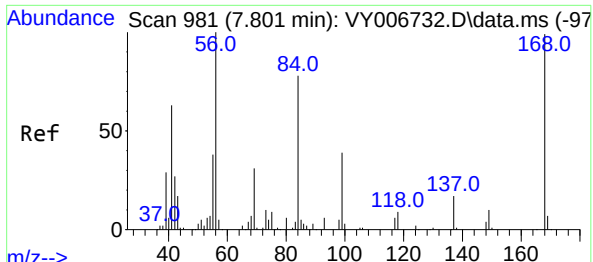
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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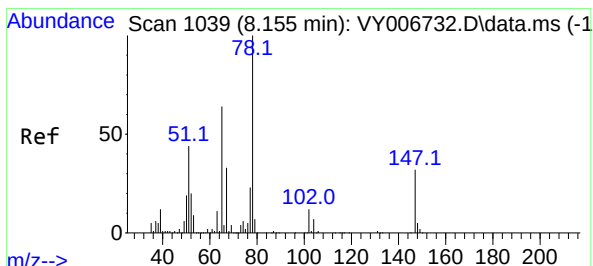
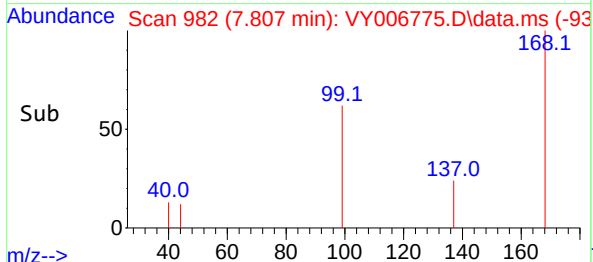
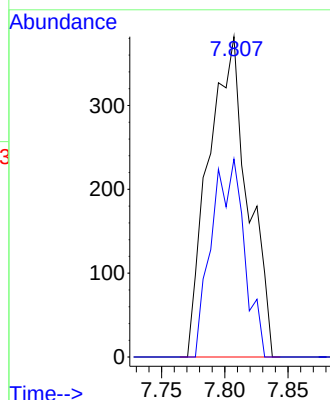
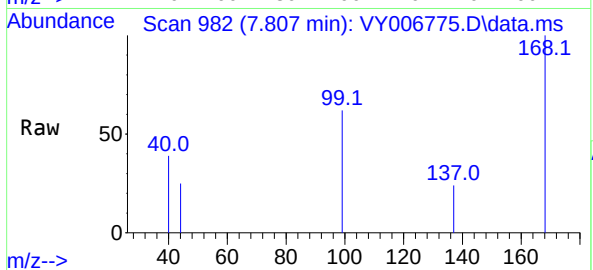




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

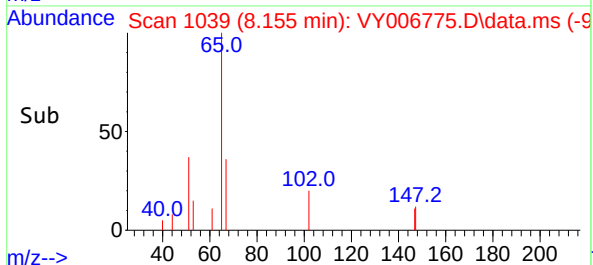
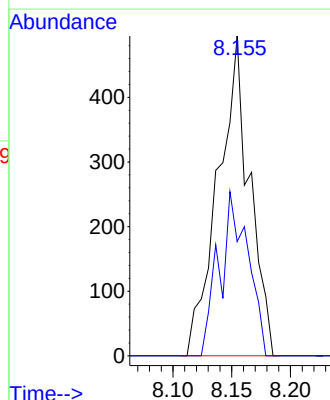
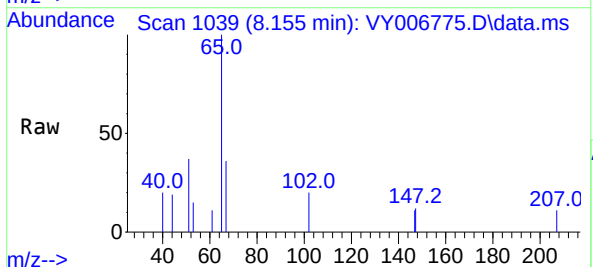
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-111521

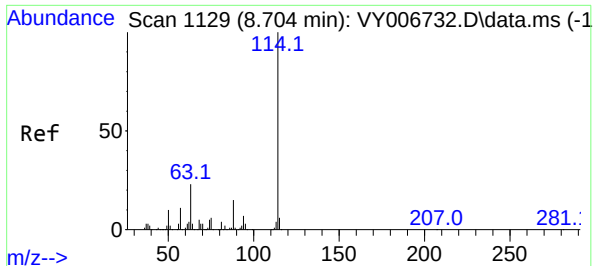
Tgt Ion:168 Resp: 824
Ion Ratio Lower Upper
168 100
99 61.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 85.467 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

Tgt Ion: 65 Resp: 923
Ion Ratio Lower Upper
65 100
67 46.5 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY006775.D

Acq: 16 Nov 2021 20:33

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-111521

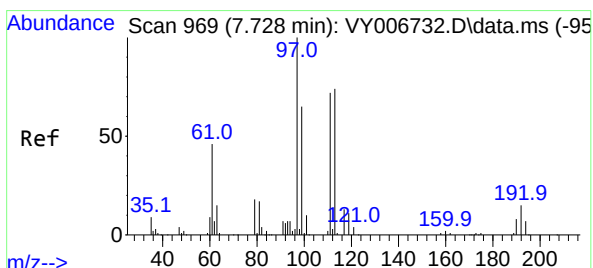
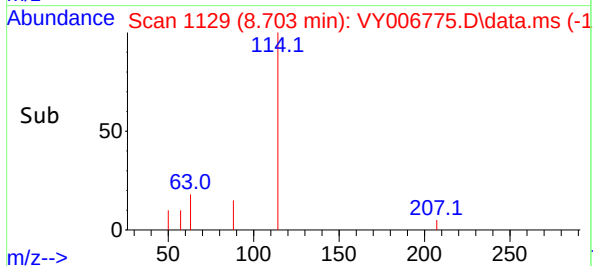
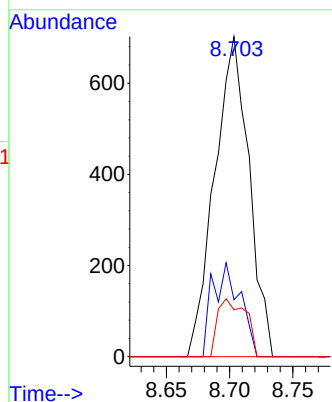
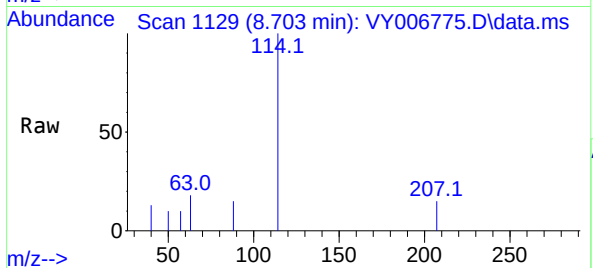
Tgt Ion:114 Resp: 1326

Ion Ratio Lower Upper

114 100

63 17.8 0.0 45.0

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.567 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006775.D

Acq: 16 Nov 2021 20:33

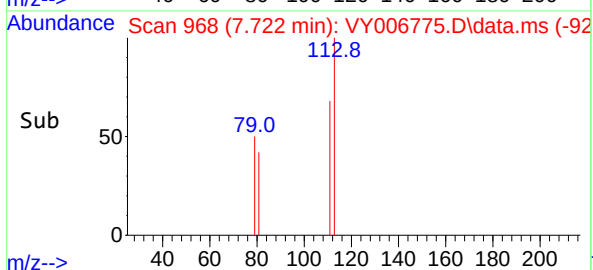
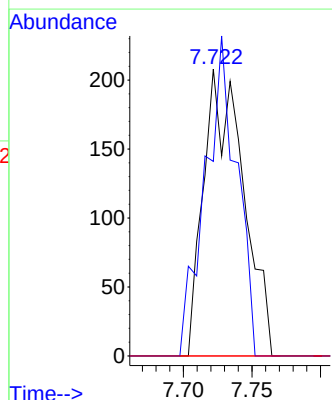
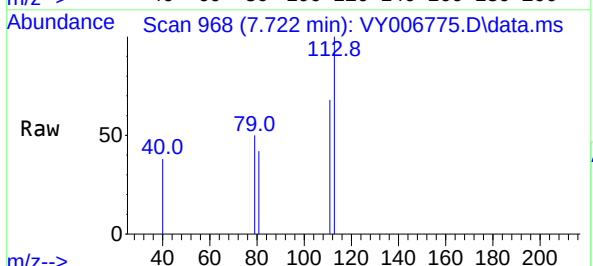
Tgt Ion:113 Resp: 420

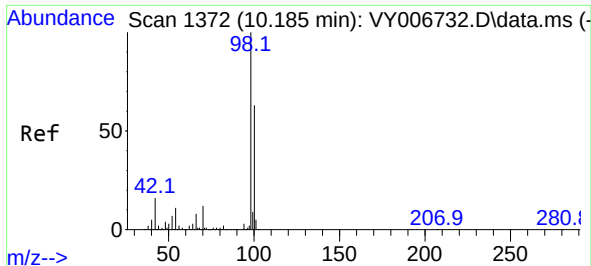
Ion Ratio Lower Upper

113 100

111 88.3 82.3 123.5

192 0.0 17.4 26.2#

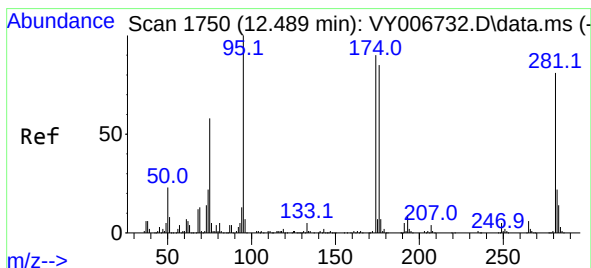
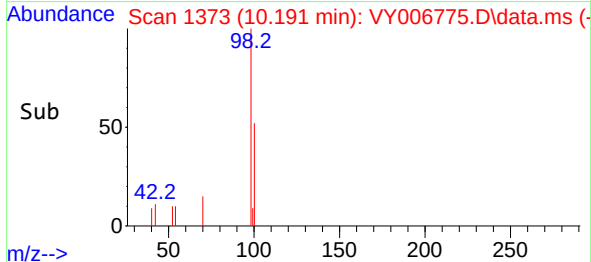
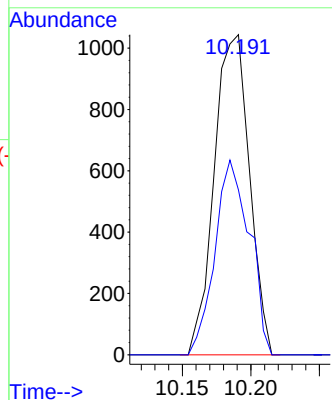
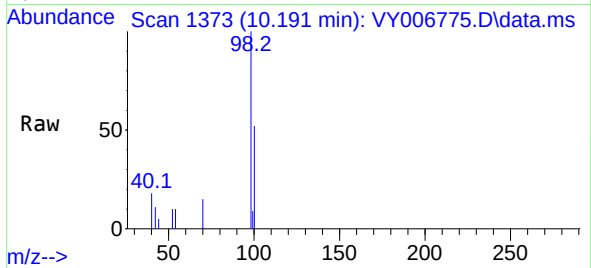




#50
Toluene-d8
Concen: 55.364 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

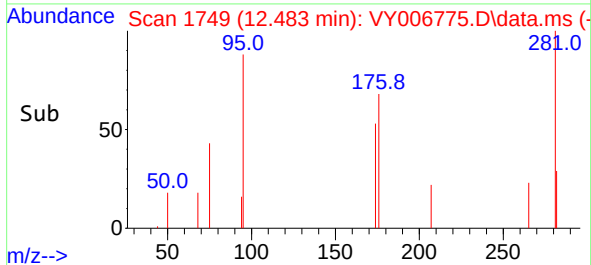
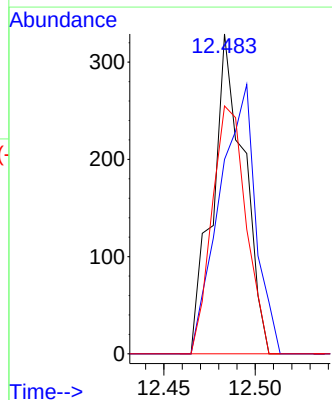
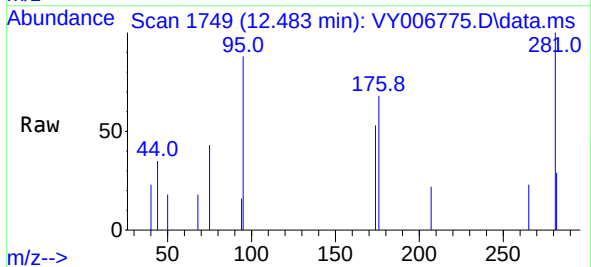
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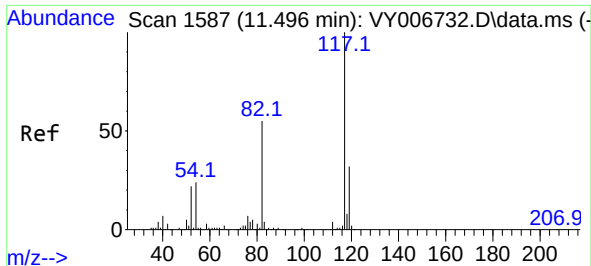
Tgt Ion: 98 Resp: 1866
Ion Ratio Lower Upper
98 100
100 59.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 34.499 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

Tgt Ion: 95 Resp: 392
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 84.2 0.0 169.4

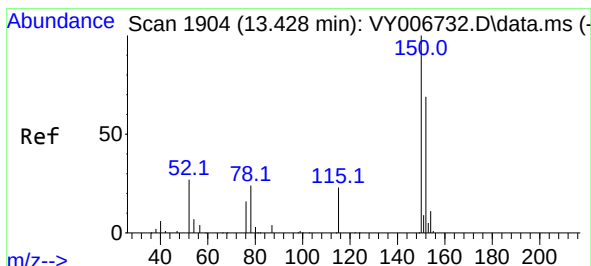
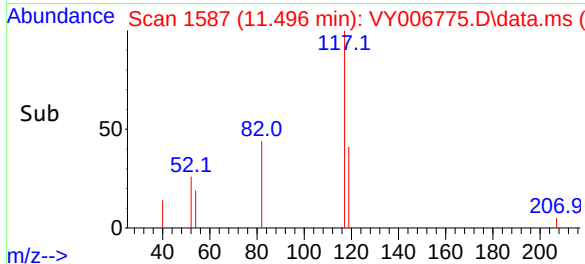
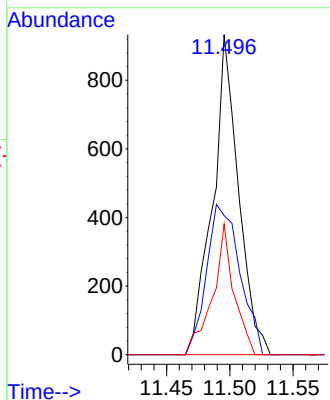
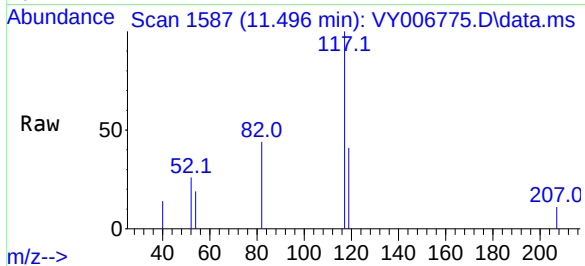




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-111521

Tgt Ion:	117	Resp:	1326
Ion	Ratio	Lower	Upper
117	100		
82	43.5	45.7	68.5#
119	40.7	25.5	38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006775.D
Acq: 16 Nov 2021 20:33

Tgt Ion:	152	Resp:	202
Ion	Ratio	Lower	Upper
152	100		
115	38.1	28.5	85.5
150	175.7	0.0	348.2

