

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006873.D
 Acq On : 23 Nov 2021 17:18
 Operator : SY/MD
 Sample : M4819-01
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-112321

Quant Time: Nov 24 02:05:18 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	7.801	168	4754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	7363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	5587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1313	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	3194	51.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.520%
35) Dibromofluoromethane	7.728	113	2091	46.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.460%
50) Toluene-d8	10.184	98	8873	47.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.483	95	1785	28.291	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.580%

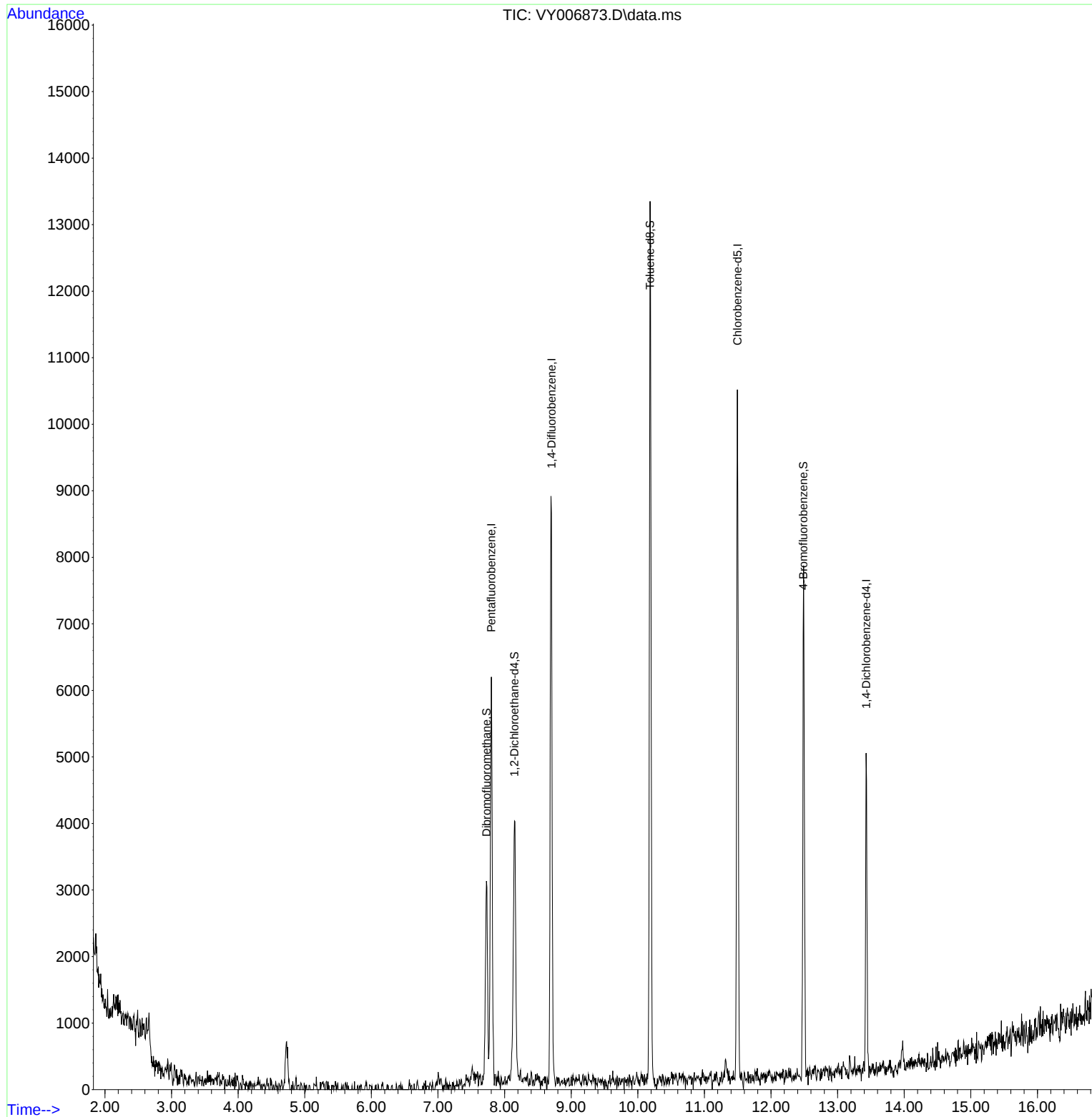
Target Compounds	Qvalue

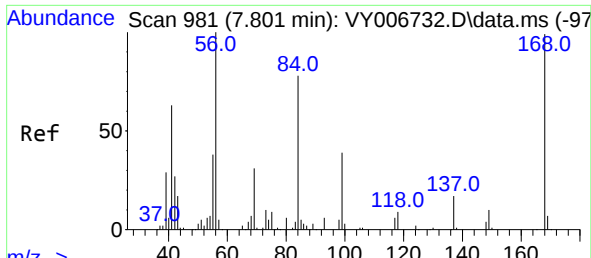
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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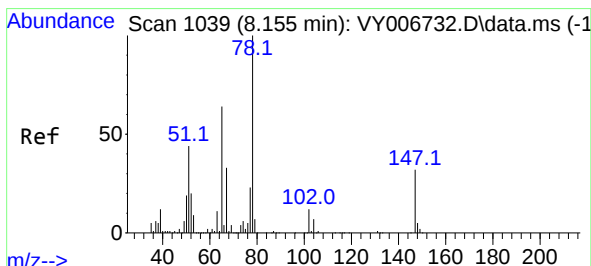
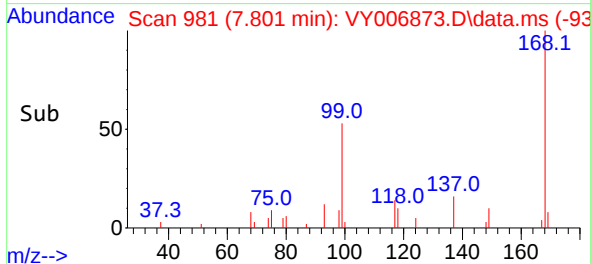
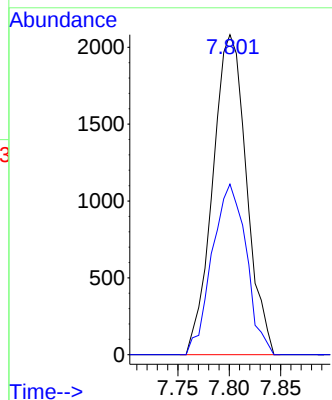
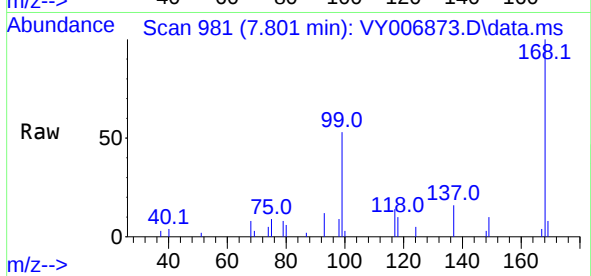




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006873.D
Acq: 23 Nov 2021 17:18

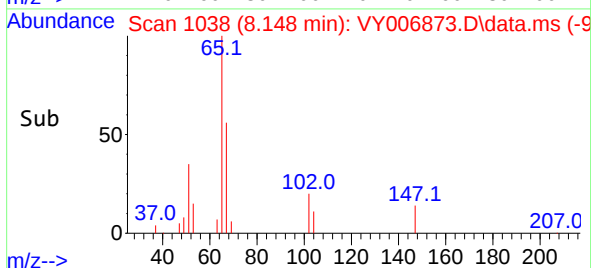
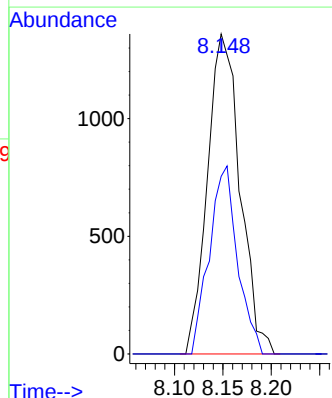
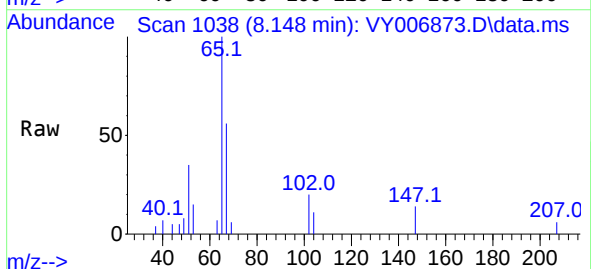
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-112321

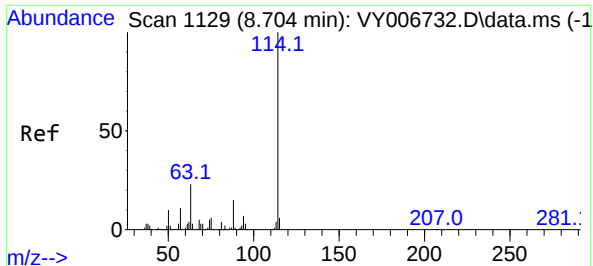
Tgt Ion:168 Resp: 4754
Ion Ratio Lower Upper
168 100
99 53.3 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 51.262 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY006873.D
Acq: 23 Nov 2021 17:18

Tgt Ion: 65 Resp: 3194
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.001 min

Lab File: VY006873.D

Acq: 23 Nov 2021 17:18

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-112321

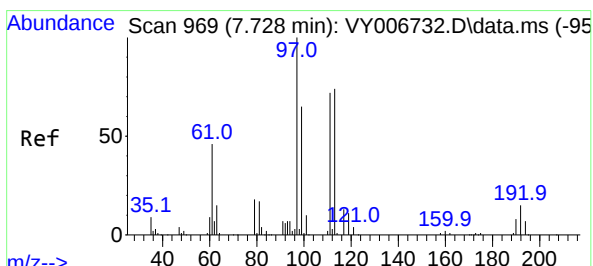
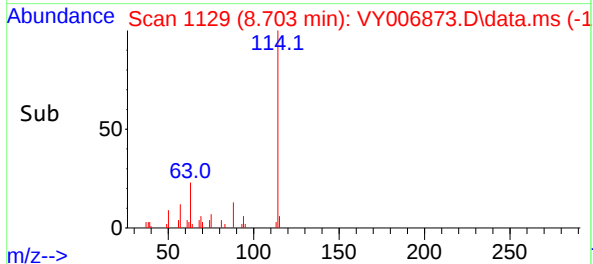
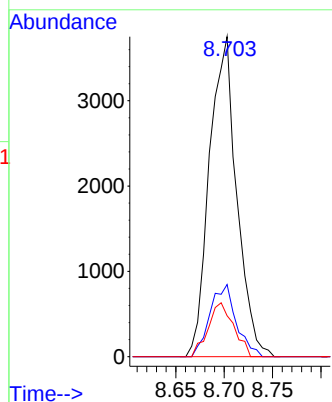
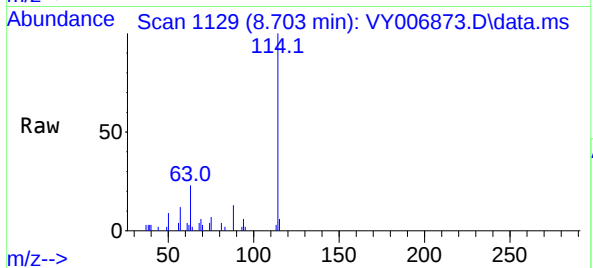
Tgt Ion:114 Resp: 7363

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

88 12.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.234 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.001 min

Lab File: VY006873.D

Acq: 23 Nov 2021 17:18

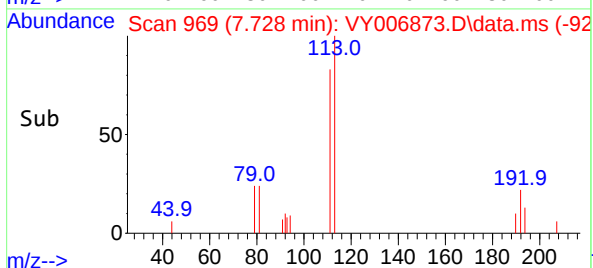
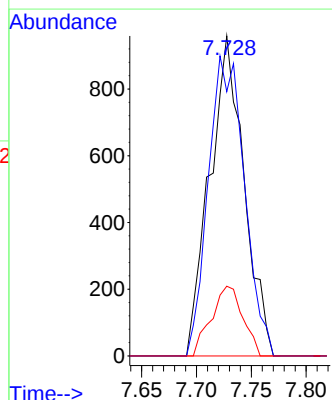
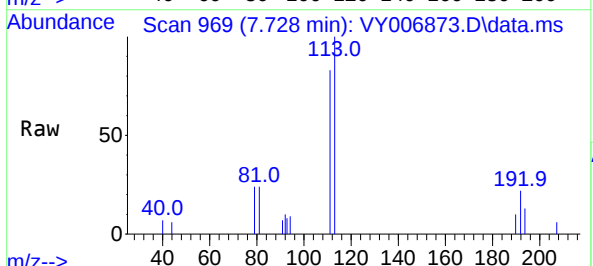
Tgt Ion:113 Resp: 2091

Ion Ratio Lower Upper

113 100

111 98.2 82.3 123.5

192 20.0 17.4 26.2

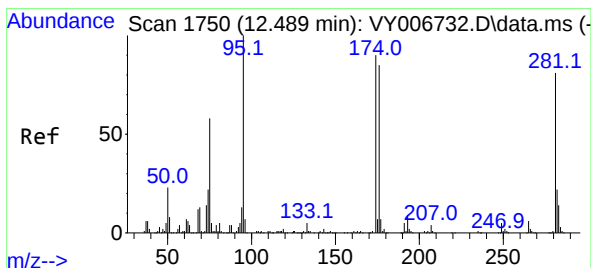
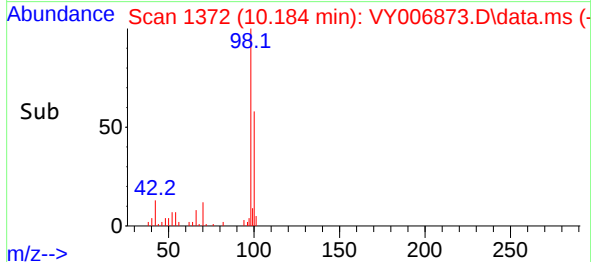
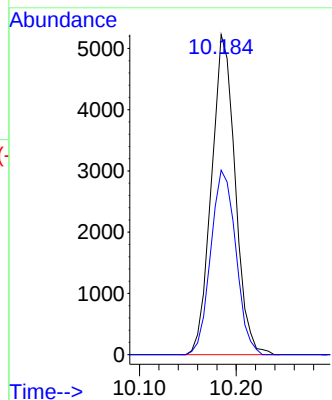
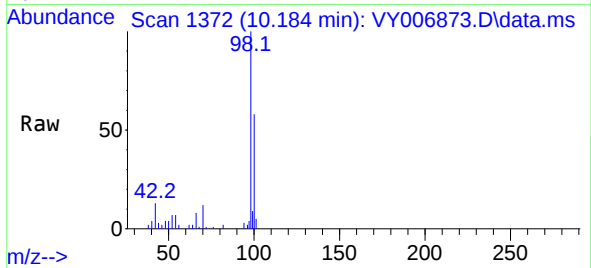




#50
Toluene-d8
Concen: 47.410 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY006873.D
Acq: 23 Nov 2021 17:18

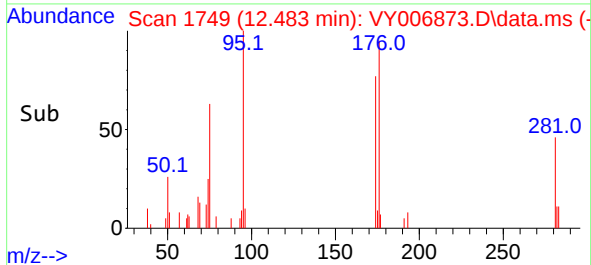
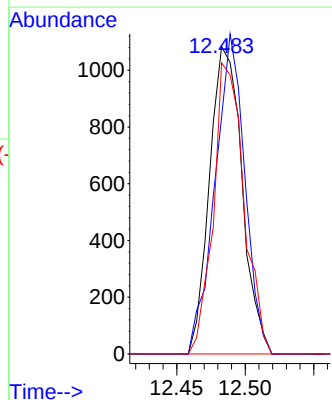
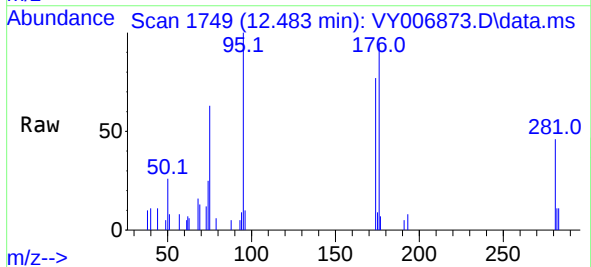
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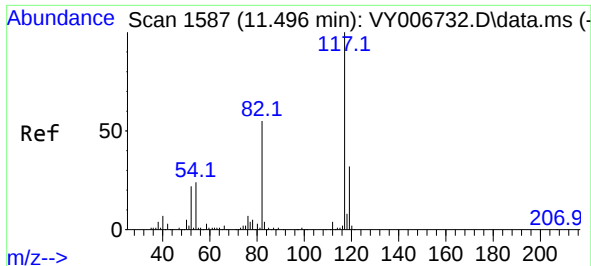
Tgt Ion: 98 Resp: 8873
Ion Ratio Lower Upper
98 100
100 61.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 28.291 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.007 min
Lab File: VY006873.D
Acq: 23 Nov 2021 17:18

Tgt Ion: 95 Resp: 1785
Ion Ratio Lower Upper
95 100
174 95.6 0.0 177.0
176 88.9 0.0 169.4

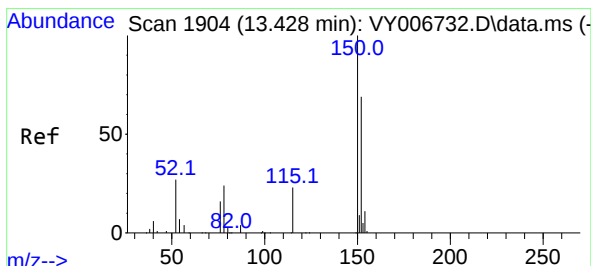
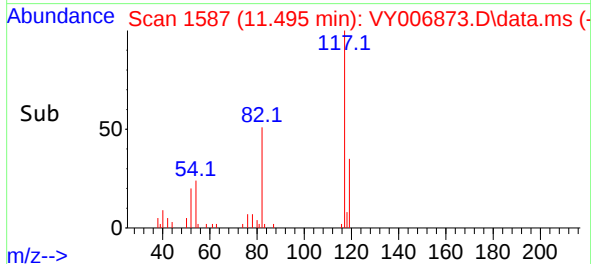
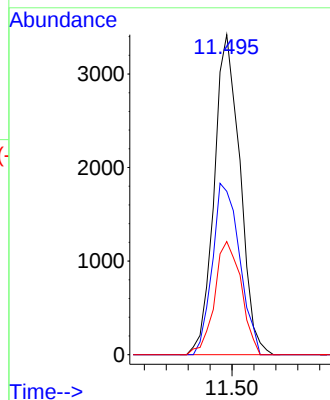
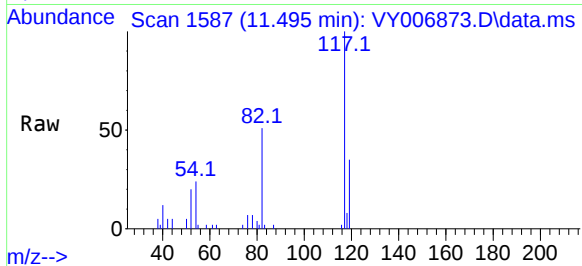




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY006873.D
Acq: 23 Nov 2021 17:18

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-112321

Tgt Ion:	117	Resp:	5587
Ion	Ratio	Lower	Upper
117	100		
82	51.1	45.7	68.5
119	35.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006873.D
Acq: 23 Nov 2021 17:18

Tgt Ion:	152	Resp:	1313
Ion	Ratio	Lower	Upper
152	100		
115	53.2	28.5	85.5
150	155.9	0.0	348.2

