

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006871.D
 Acq On : 23 Nov 2021 16:31
 Operator : SY/MD
 Sample : M4818-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-112321

Quant Time: Nov 24 02:05:01 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	7843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	12489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	4192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	6101	59.353	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.700%
35) Dibromofluoromethane	7.722	113	3855	50.253	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.185	98	16601	52.296	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.483	95	5108	47.730	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.460%

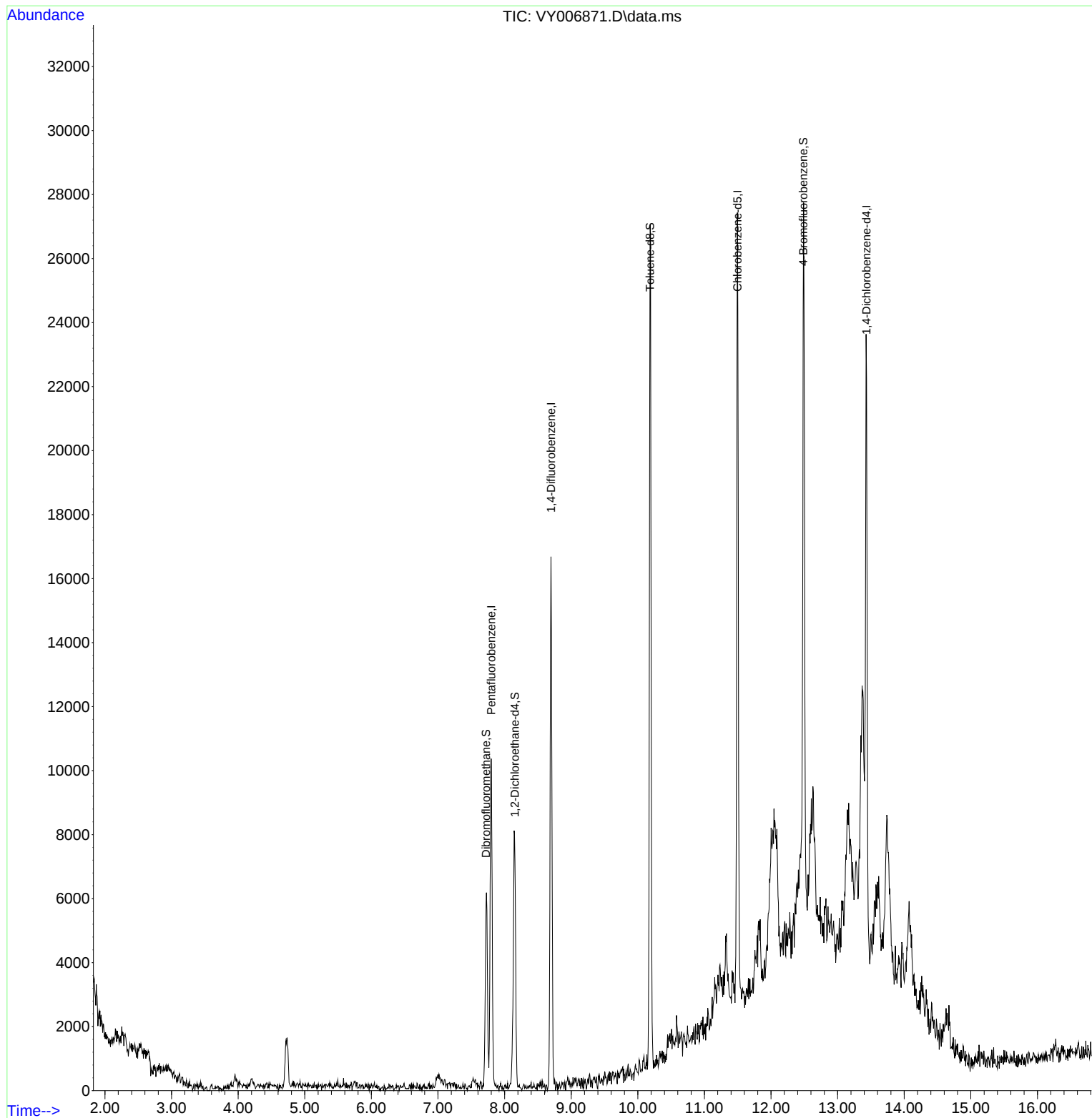
Target Compounds	Qvalue

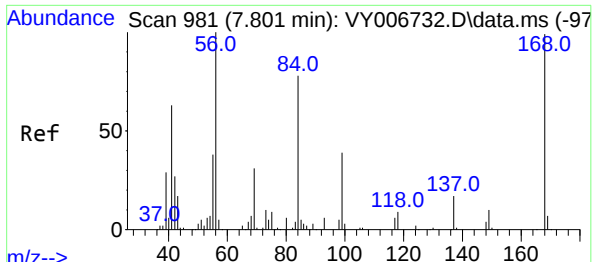
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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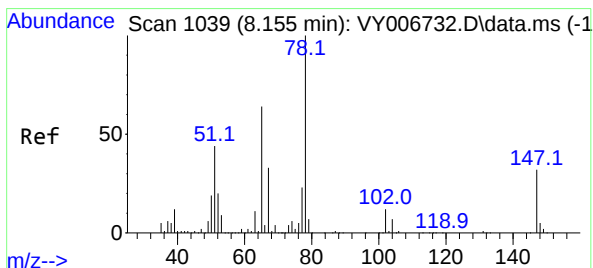
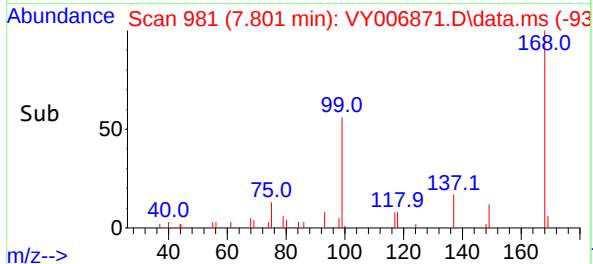
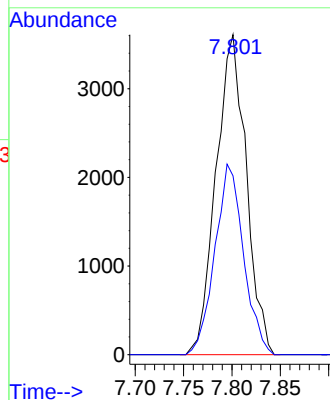
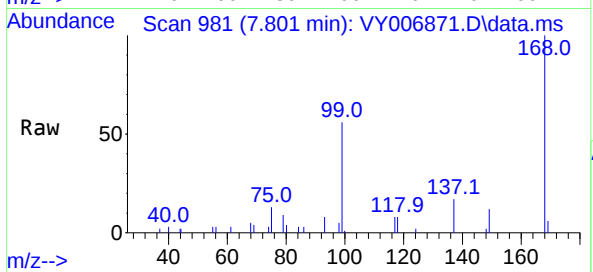




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

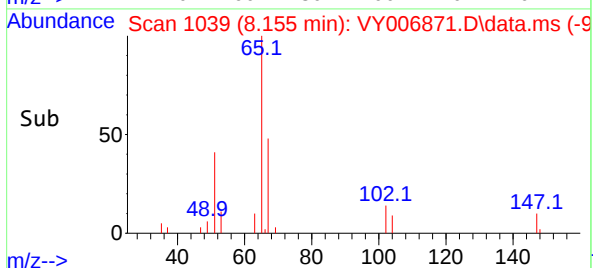
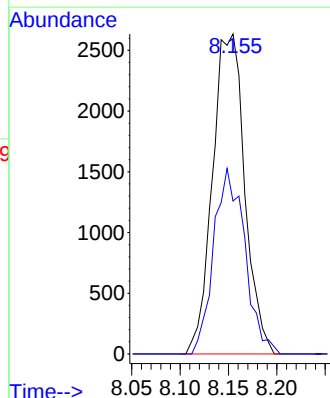
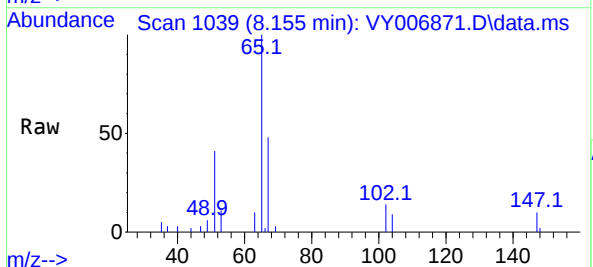
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-112321

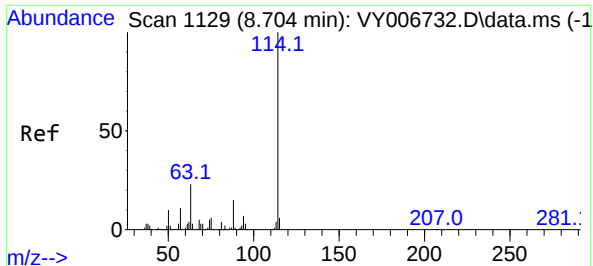
Tgt Ion:168 Resp: 7843
Ion Ratio Lower Upper
168 100
99 55.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 59.353 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

Tgt Ion: 65 Resp: 6101
Ion Ratio Lower Upper
65 100
67 56.0 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006871.D

Acq: 23 Nov 2021 16:31

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-112321

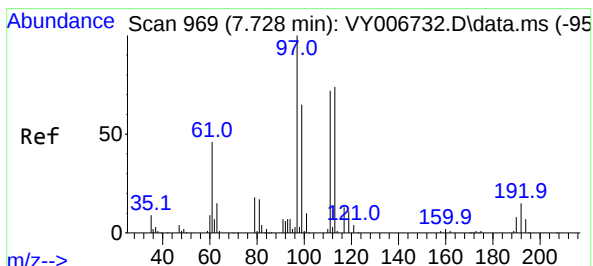
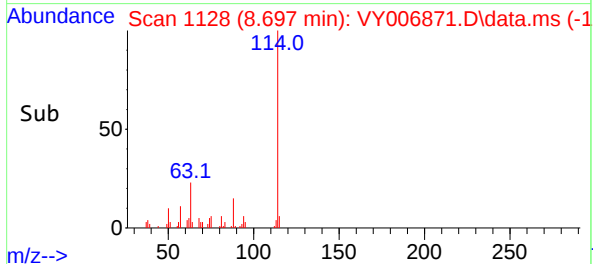
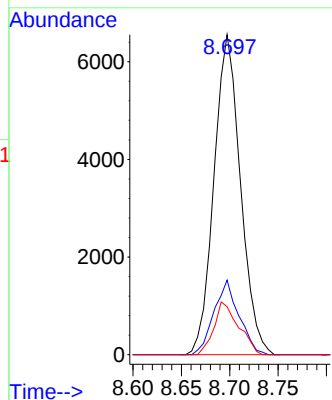
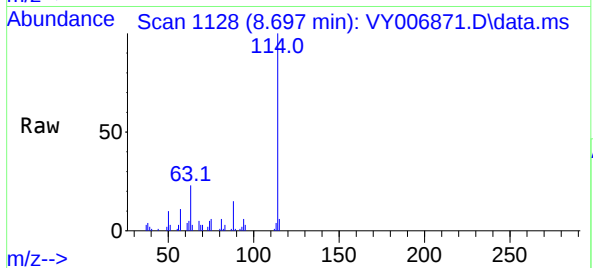
Tgt Ion:114 Resp: 12489

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.253 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006871.D

Acq: 23 Nov 2021 16:31

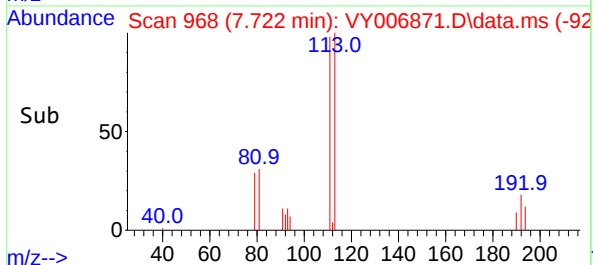
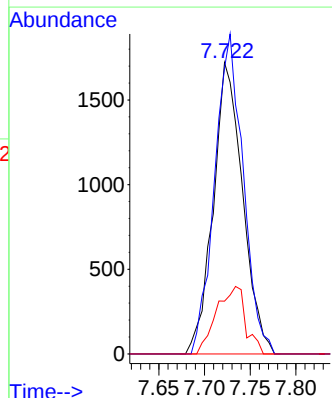
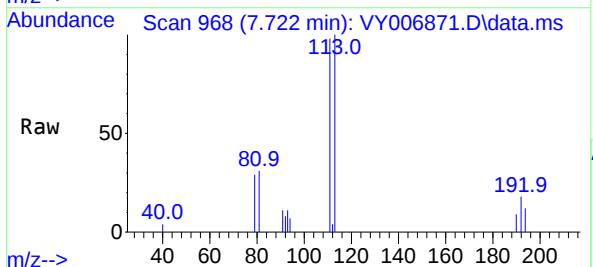
Tgt Ion:113 Resp: 3855

Ion Ratio Lower Upper

113 100

111 106.4 82.3 123.5

192 22.9 17.4 26.2

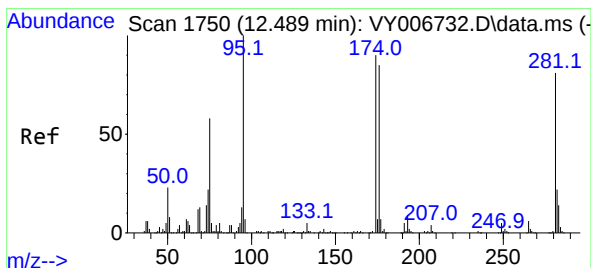
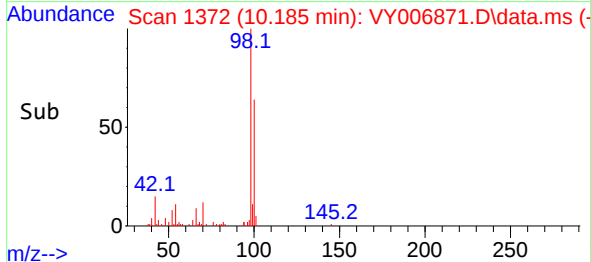
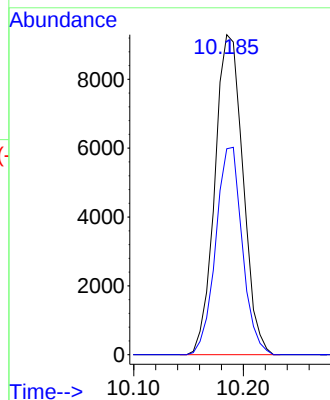
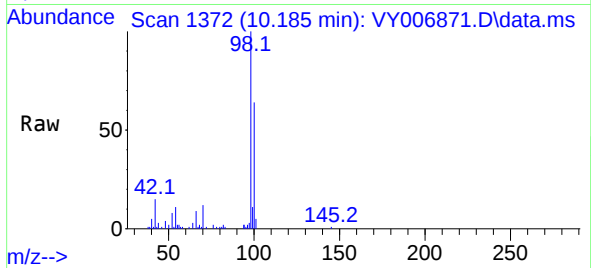




#50
Toluene-d8
Concen: 52.296 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

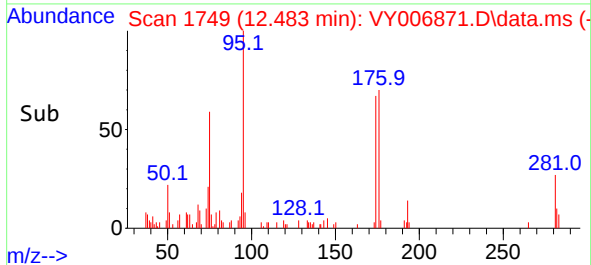
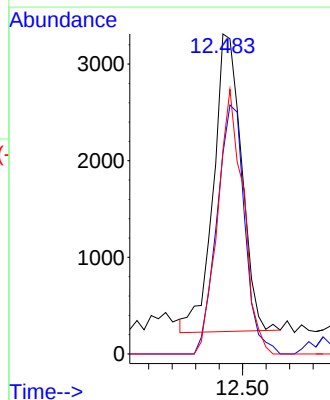
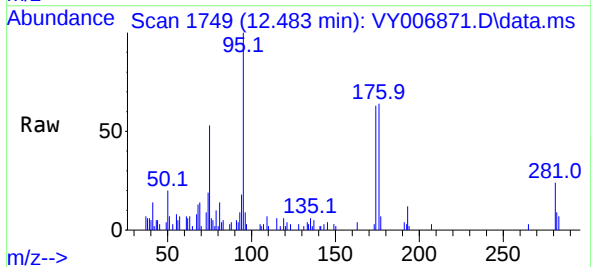
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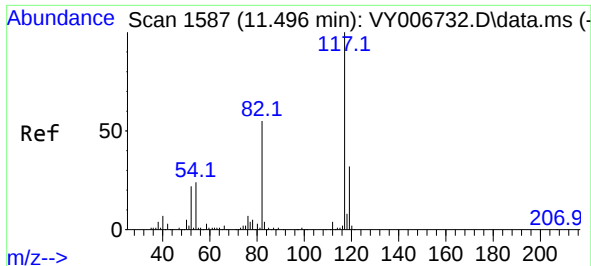
Tgt Ion: 98 Resp: 16601
Ion Ratio Lower Upper
98 100
100 61.2 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.730 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

Tgt Ion: 95 Resp: 5108
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 81.3 0.0 169.4

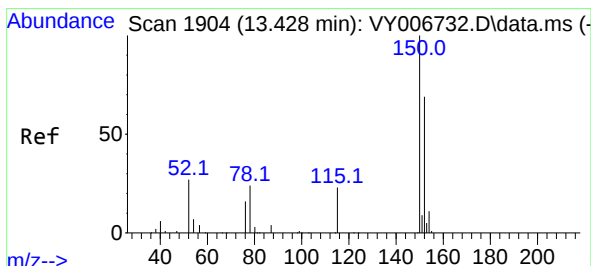
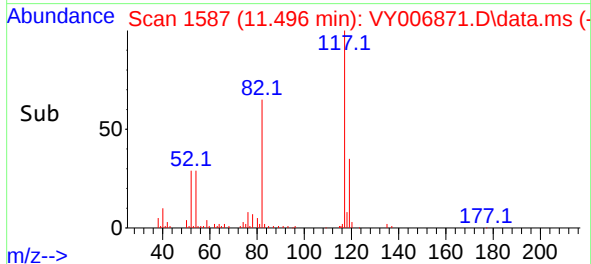
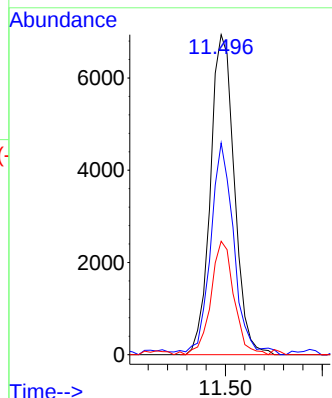
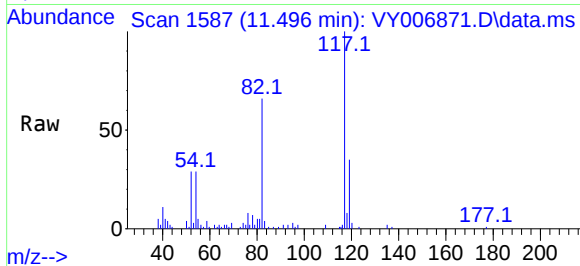




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	117	Resp:	11920
Ion	Ratio	Lower	Upper
117	100		
82	66.2	45.7	68.5
119	34.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY006871.D
Acq: 23 Nov 2021 16:31

Tgt Ion:	152	Resp:	4192
Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.5	85.5
150	160.4	0.0	348.2

