

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008836.D
 Acq On : 19 May 2022 00:38
 Operator : KP/MD
 Sample : N2869-09
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P029-SS001-1824-01

Quant Time: May 19 03:16:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	129947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	220084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78498	65.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.240%
35) Dibromofluoromethane	7.716	113	74913	55.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.660%
50) Toluene-d8	10.179	98	289335	48.199	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.483	95	83926	39.839	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.680%

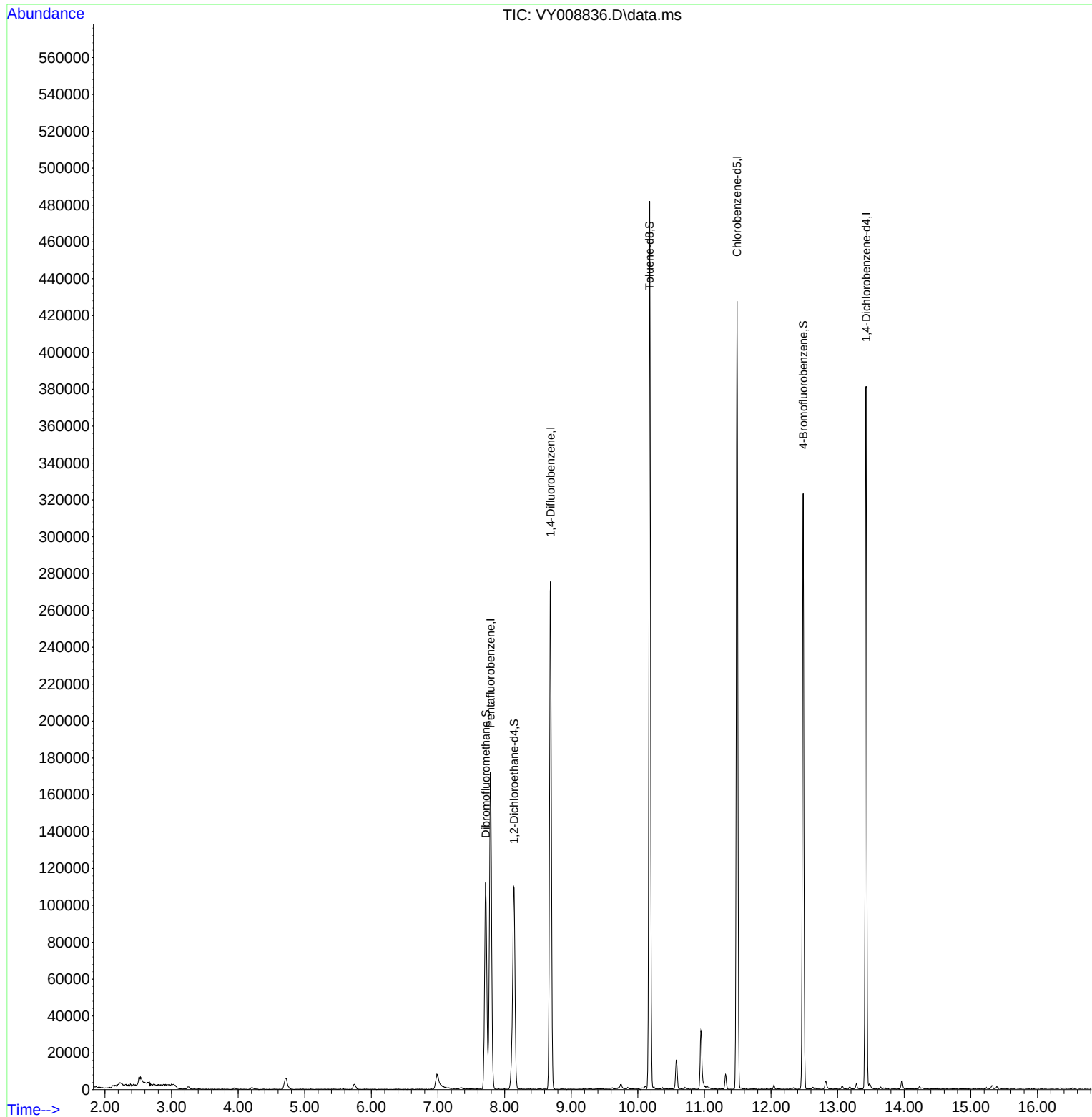
Target Compounds	Qvalue

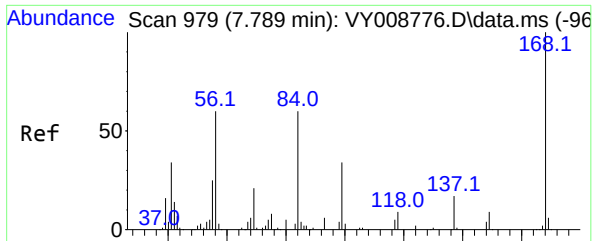
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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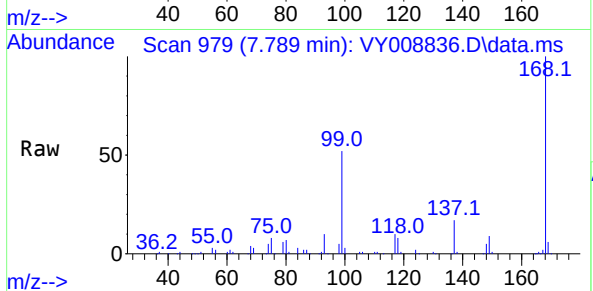
Quant Time: May 19 03:16:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
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Response via : Initial Calibration



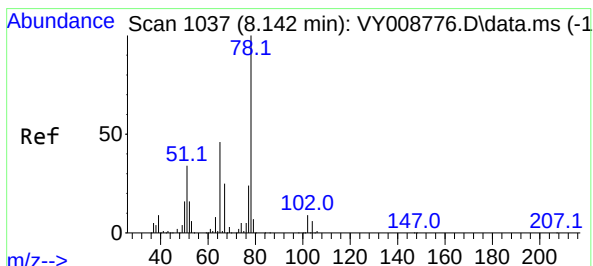
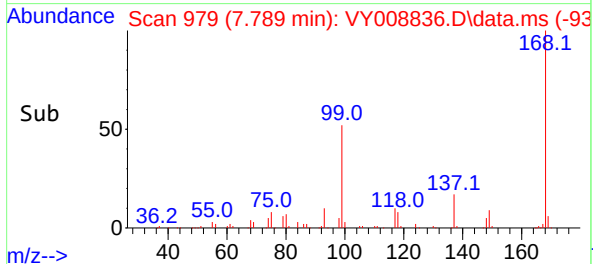
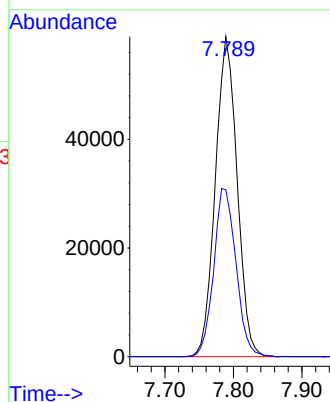


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008836.D
Acq: 19 May 2022 00:38

Instrument :
MSVOA_Y
ClientSampleId :
P029-SS001-1824-01

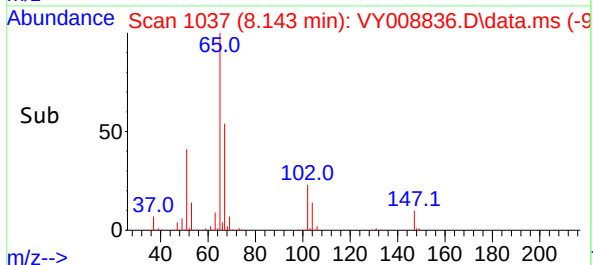
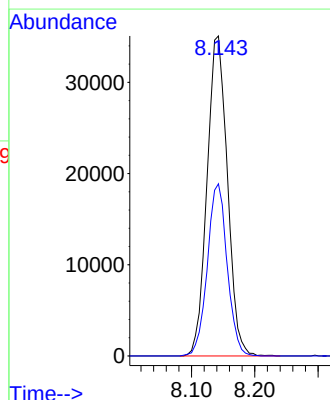
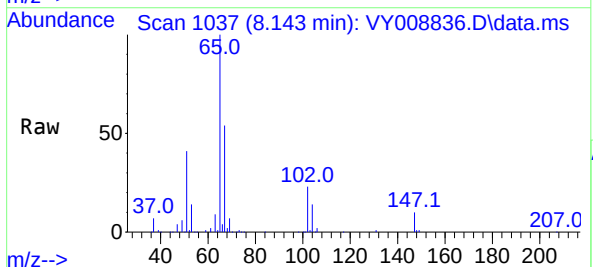


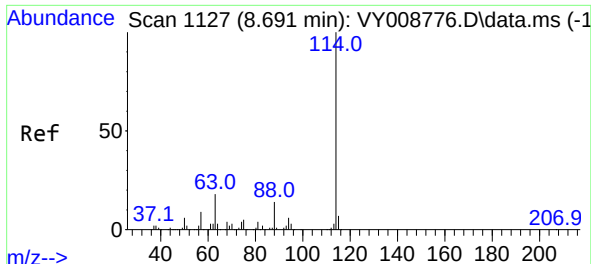
Tgt Ion:168 Resp: 129947
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.115 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008836.D
Acq: 19 May 2022 00:38

Tgt Ion: 65 Resp: 78498
Ion Ratio Lower Upper
65 100
67 52.3 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: VY008836.D

Acq: 19 May 2022 00:38

Instrument :

MSVOA_Y

ClientSampleId :

P029-SS001-1824-01

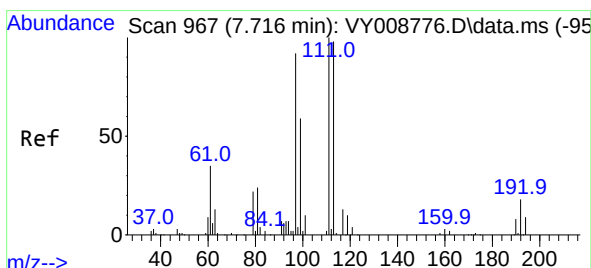
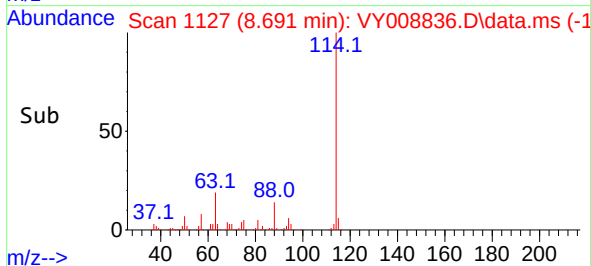
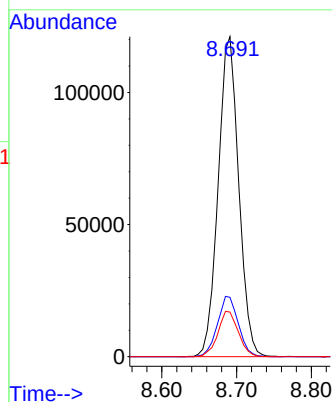
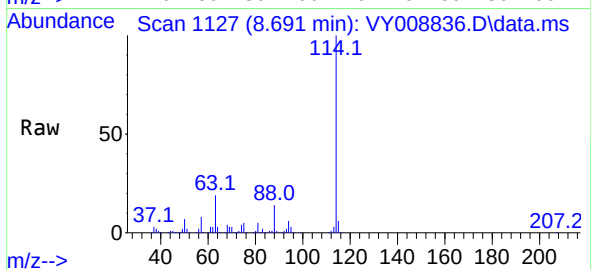
Tgt Ion:114 Resp: 231727

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.330 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008836.D

Acq: 19 May 2022 00:38

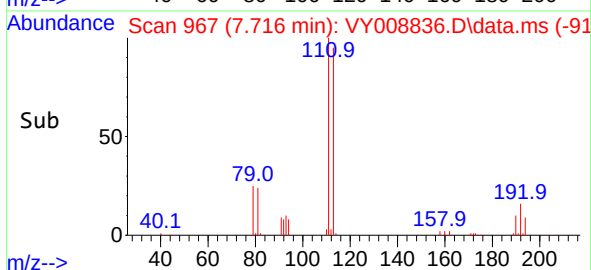
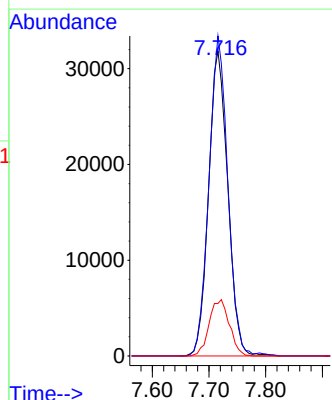
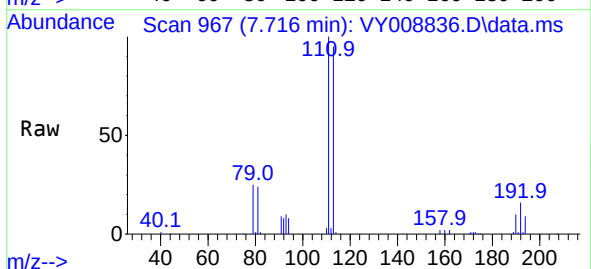
Tgt Ion:113 Resp: 74913

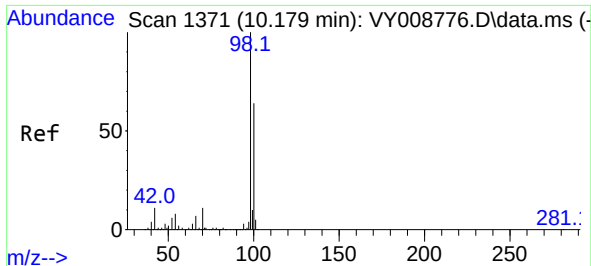
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 19.5 17.6 26.4

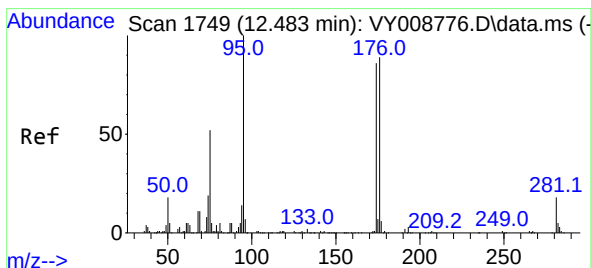
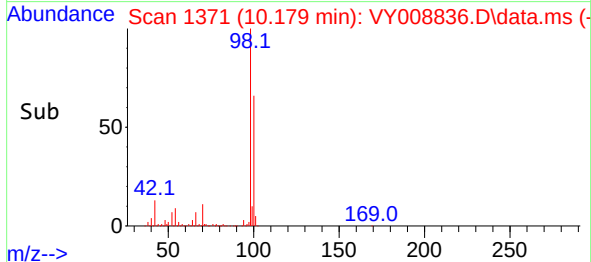
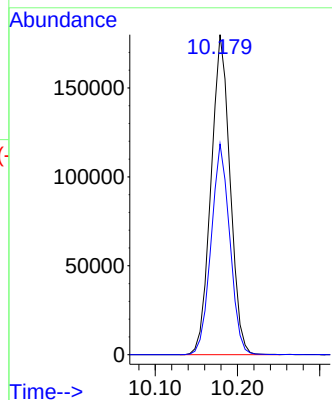
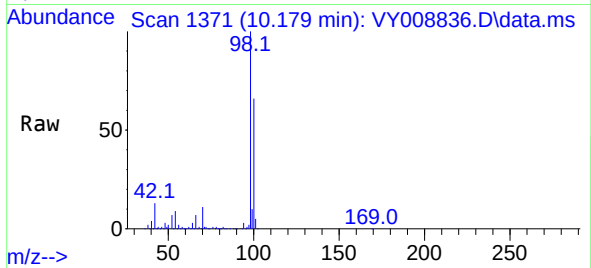




#50
Toluene-d8
Concen: 48.199 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008836.D
Acq: 19 May 2022 00:38

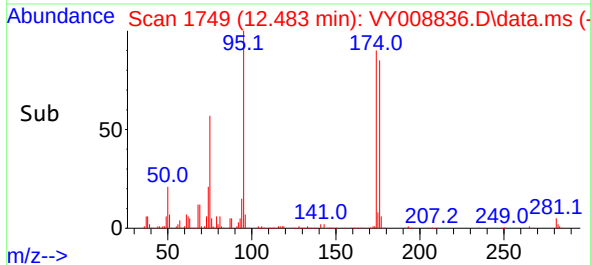
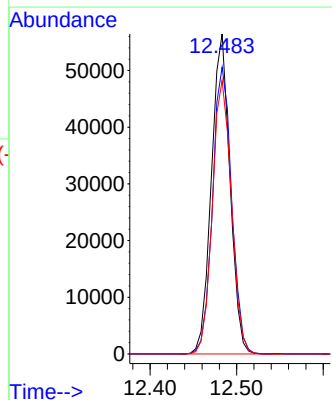
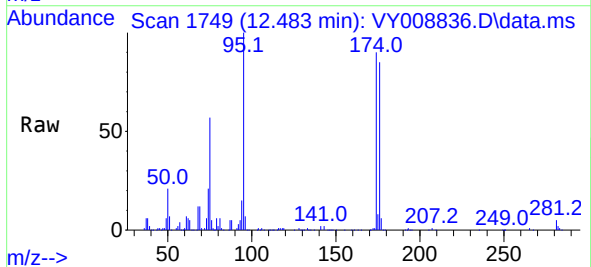
Instrument :
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ClientSampleId :
P029-SS001-1824-01

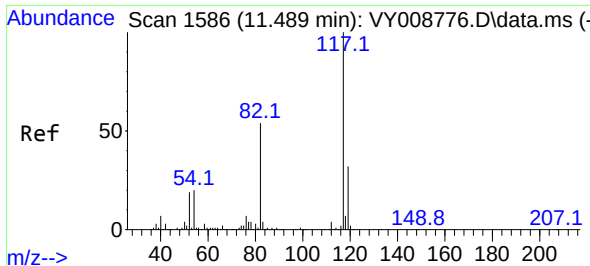
Tgt Ion: 98 Resp: 289335
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.839 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008836.D
Acq: 19 May 2022 00:38

Tgt Ion: 95 Resp: 83926
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 87.7 0.0 175.8

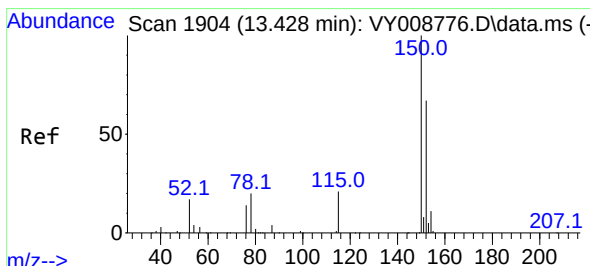
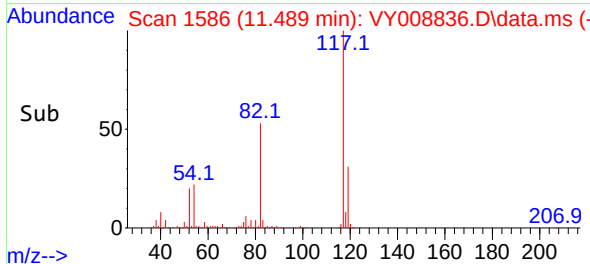
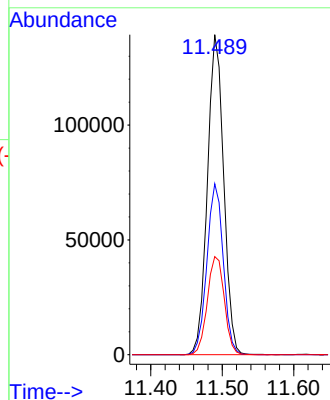
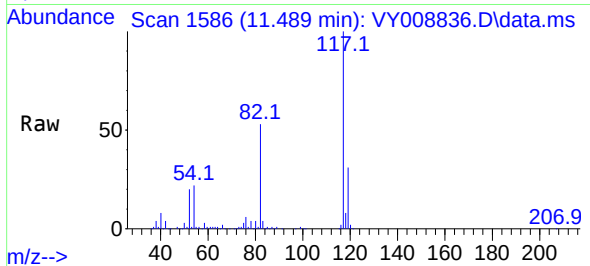




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008836.D
Acq: 19 May 2022 00:38

Instrument :
MSVOA_Y
ClientSampleId :
P029-SS001-1824-01

Tgt Ion:	117	Resp:	220084
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.0	64.4
119	30.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008836.D
Acq: 19 May 2022 00:38

Tgt Ion:	152	Resp:	94406
Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.2	84.7
150	157.7	0.0	347.6

