

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008793.D
 Acq On : 17 May 2022 23:48
 Operator : KP/MD
 Sample : N2841-07
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P005-SS003-1218-01

Quant Time: May 18 07:59:34 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	75802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	132820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	128147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53692	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49649	70.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.200%
35) Dibromofluoromethane	7.716	113	45718	58.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.820%
50) Toluene-d8	10.179	98	166440	48.362	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.720%
62) 4-Bromofluorobenzene	12.483	95	48519	40.152	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.300%

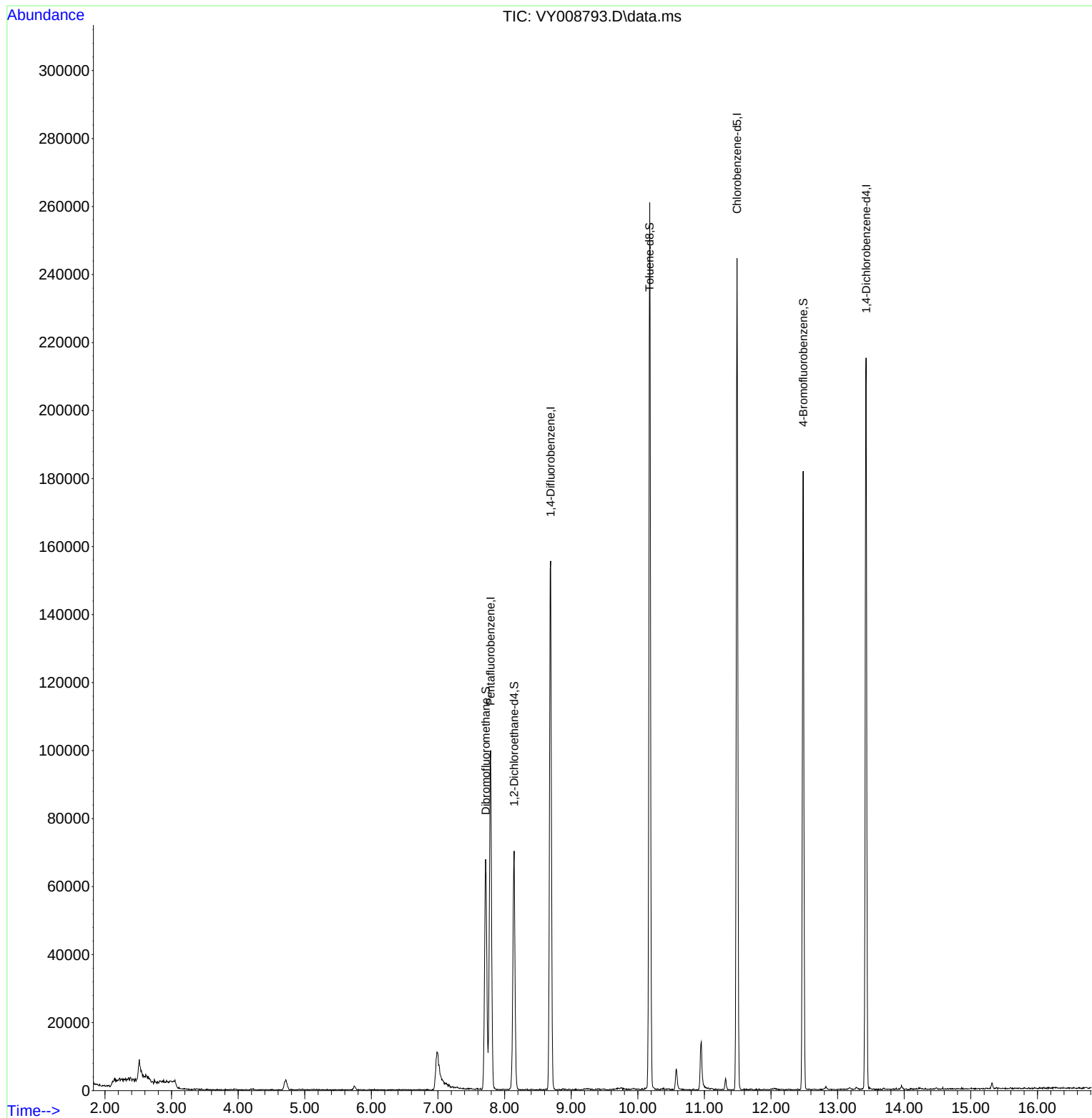
Target Compounds	Qvalue

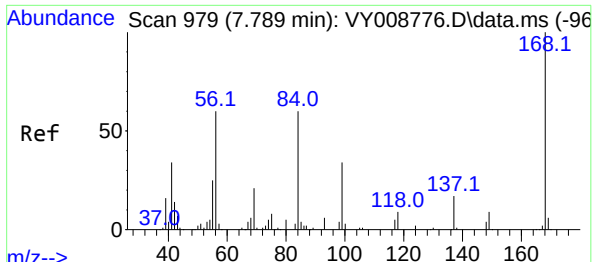
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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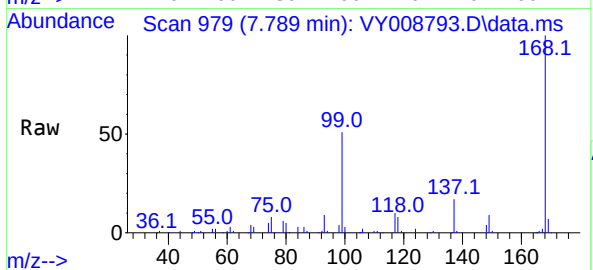
Quant Time: May 18 07:59:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
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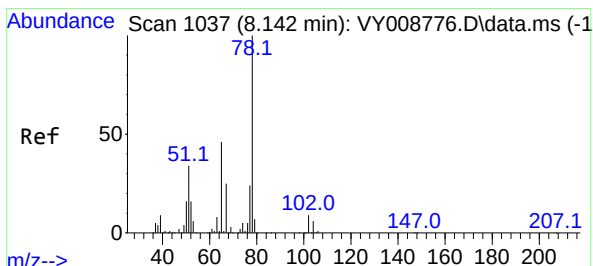
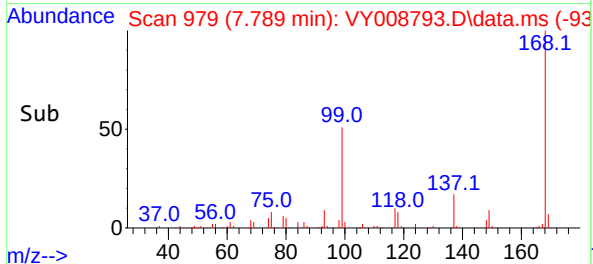
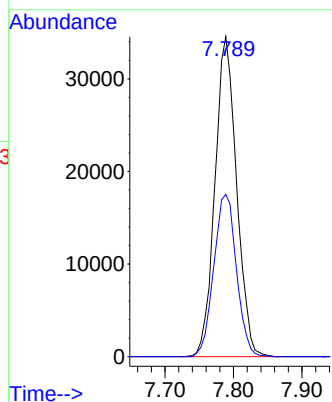


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

Instrument :
MSVOA_Y
ClientSampleId :
P005-SS003-1218-01

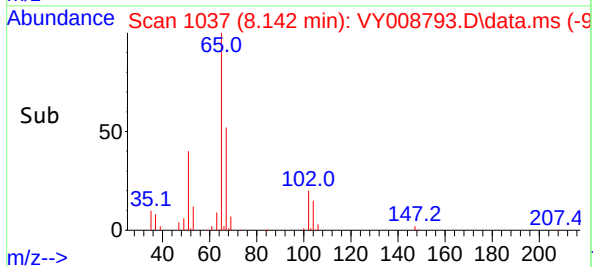
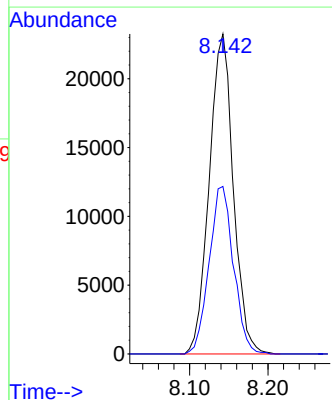
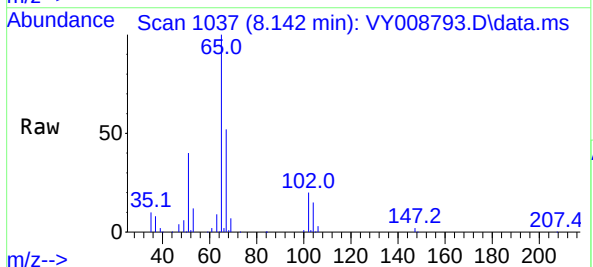


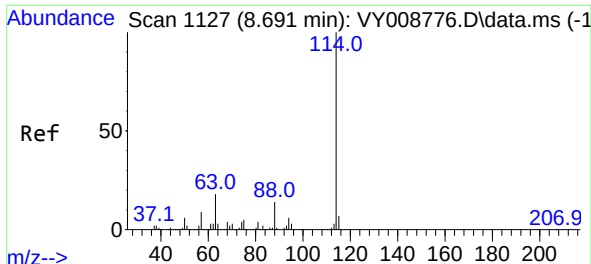
Tgt Ion:168 Resp: 75802
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 70.602 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

Tgt Ion: 65 Resp: 49649
Ion Ratio Lower Upper
65 100
67 52.9 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: VY008793.D

Acq: 17 May 2022 23:48

Instrument :

MSVOA_Y

ClientSampleId :

P005-SS003-1218-01

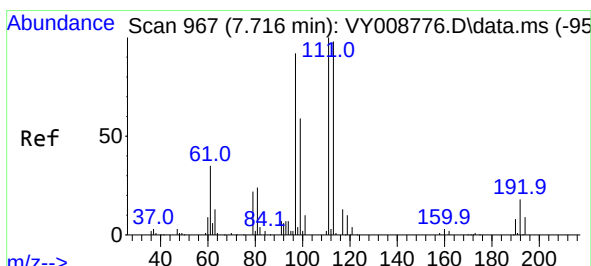
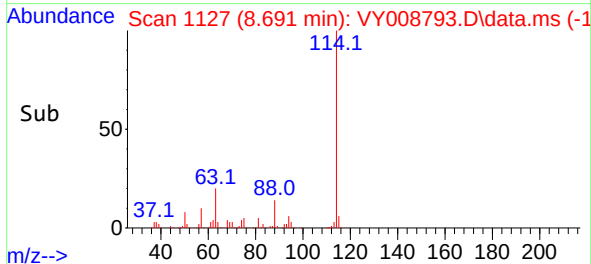
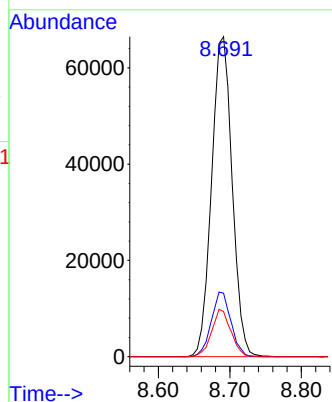
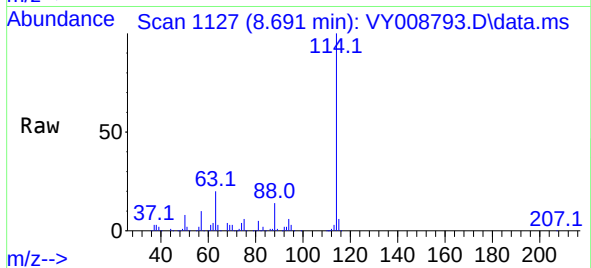
Tgt Ion:114 Resp: 132820

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.912 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008793.D

Acq: 17 May 2022 23:48

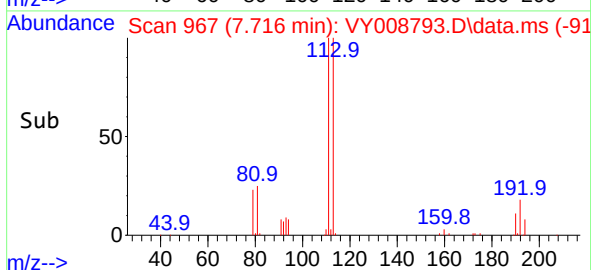
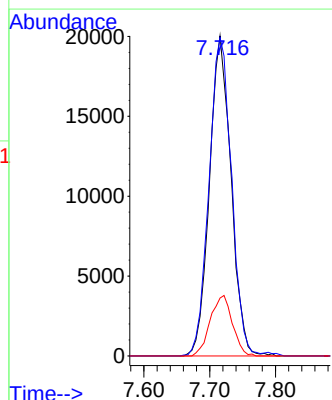
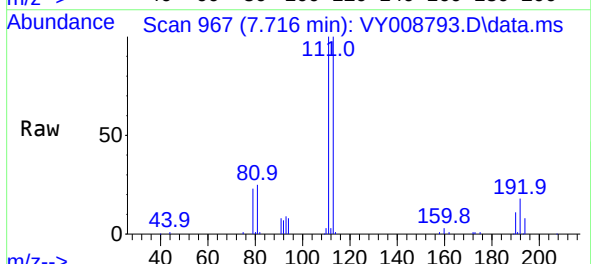
Tgt Ion:113 Resp: 45718

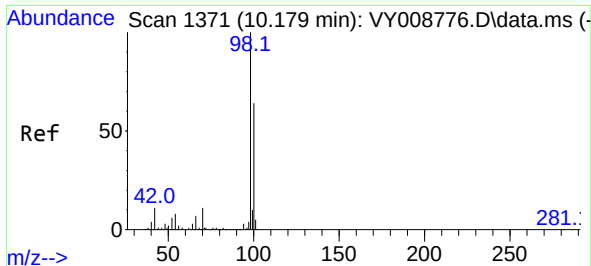
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.4 17.6 26.4

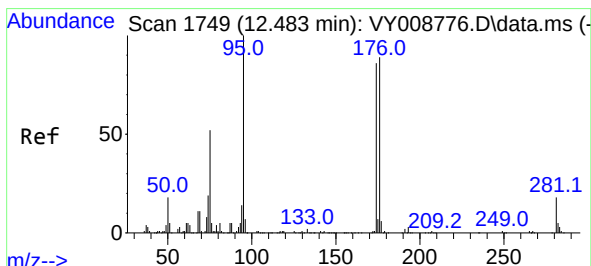
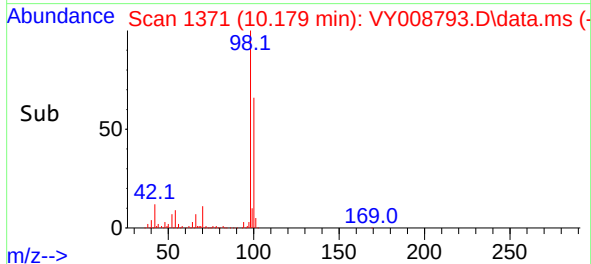
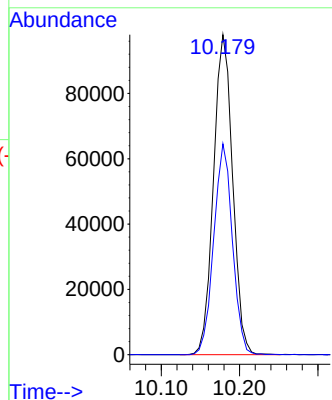
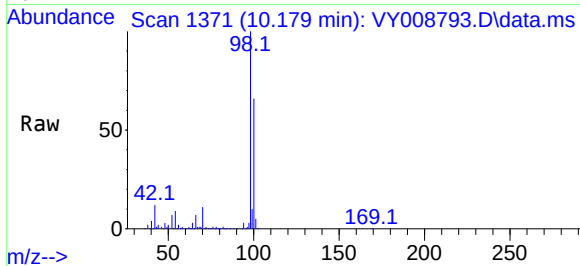




#50
Toluene-d8
Concen: 48.362 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

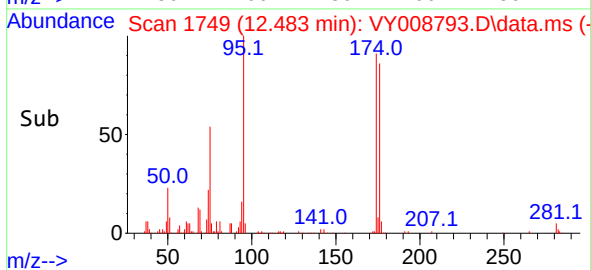
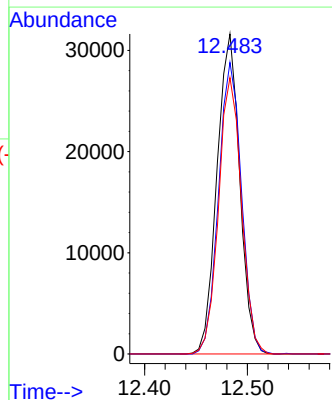
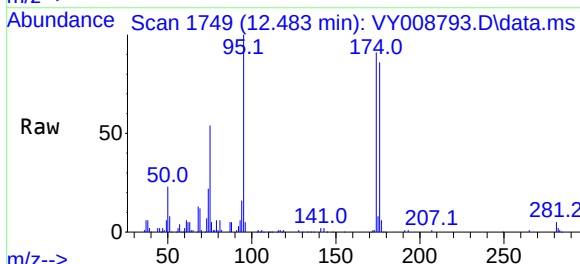
Instrument :
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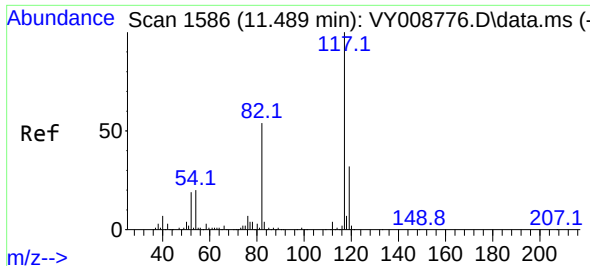
Tgt Ion: 98 Resp: 166440
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.152 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

Tgt Ion: 95 Resp: 48519
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 86.9 0.0 175.8

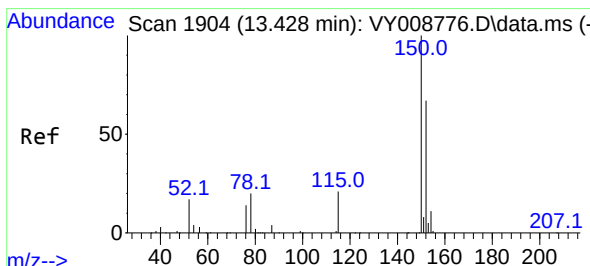
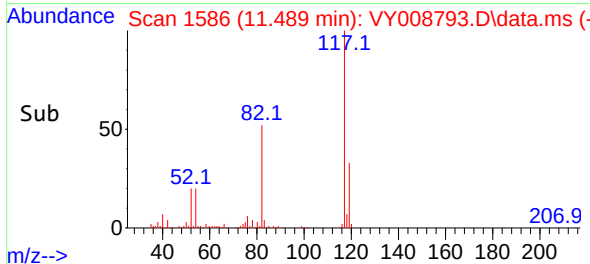
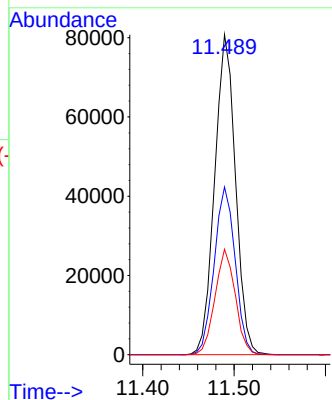
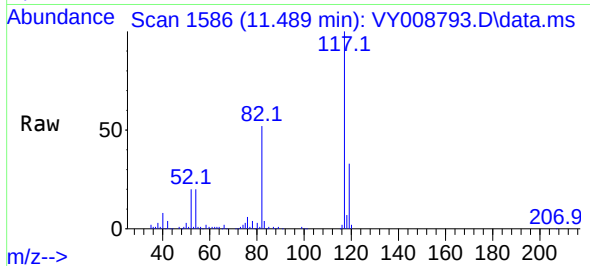




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008793.D
Acq: 17 May 2022 23:48

Instrument :
MSVOA_Y
ClientSampleId :
P005-SS003-1218-01

Tgt Ion:	117	Resp:	128147
Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.0	64.4
119	32.9	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: VY008793.D
Acq: 17 May 2022 23:48

Tgt Ion:	152	Resp:	53692
Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.2	84.7
150	157.9	0.0	347.6

