

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008895.D
 Acq On : 20 May 2022 03:02
 Operator : KP/MD
 Sample : N2868-05
 Misc : 5.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-2430-01

Quant Time: May 20 04:29:51 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	125891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	214635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91001	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82761	70.863	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.720%
35) Dibromofluoromethane	7.716	113	74285	56.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.120%
50) Toluene-d8	10.179	98	283059	48.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.483	95	81414	39.837	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.680%

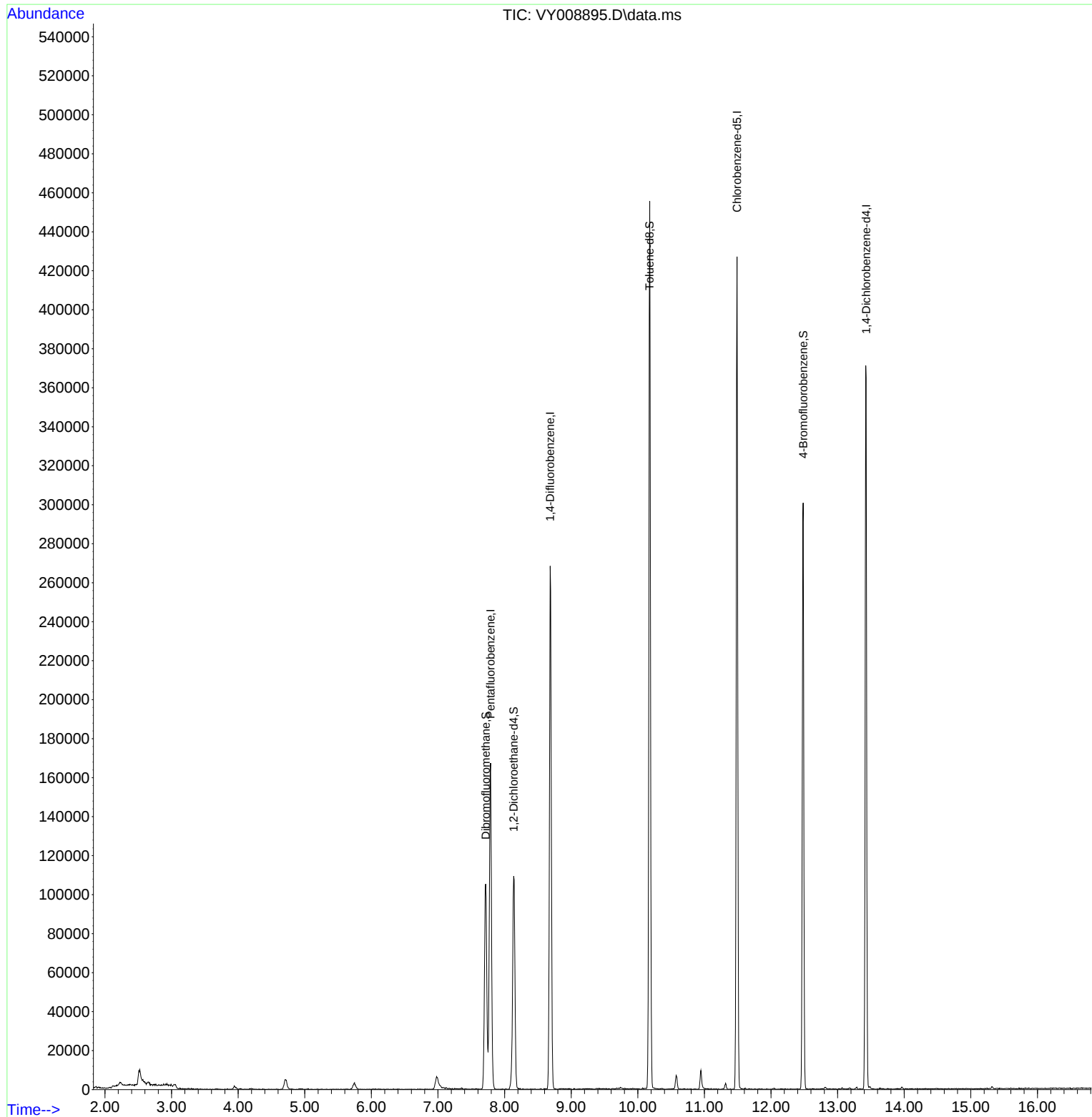
Target Compounds	Qvalue

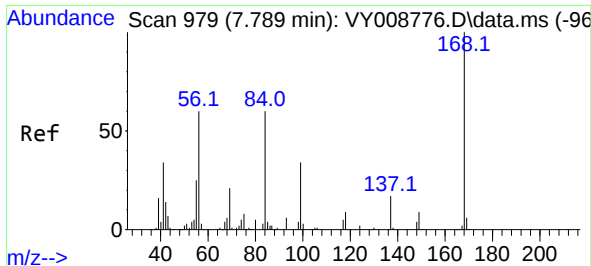
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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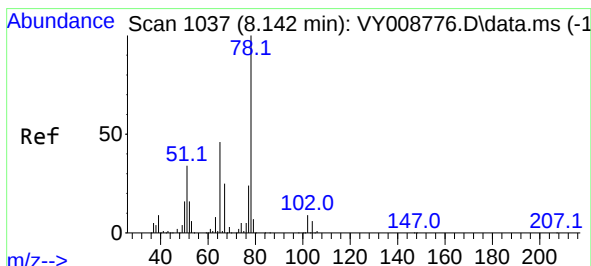
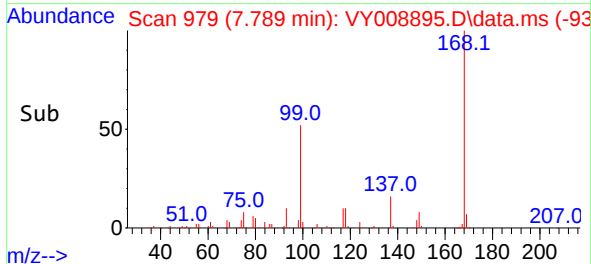
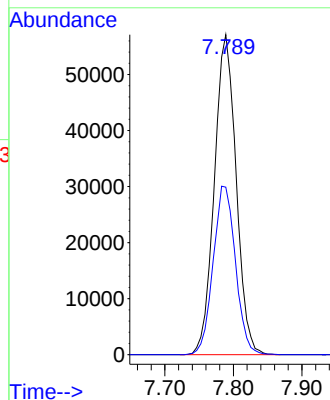
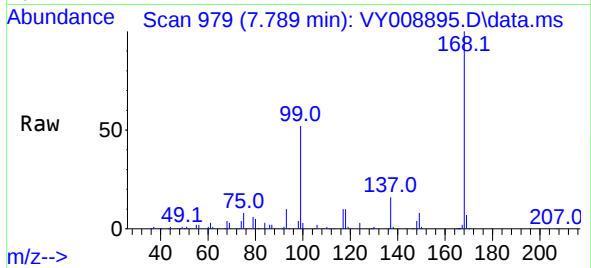




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008895.D
Acq: 20 May 2022 03:02

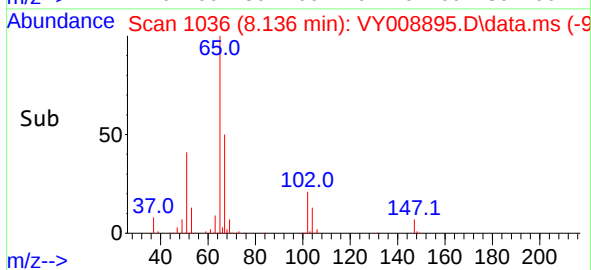
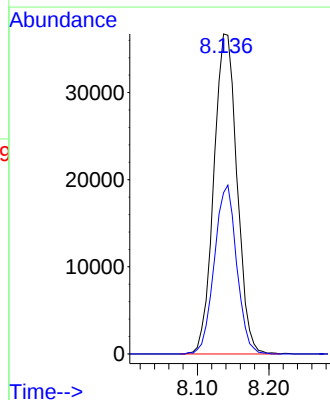
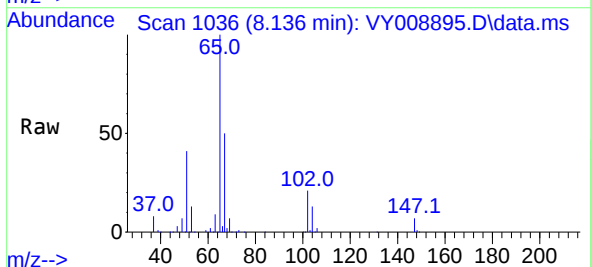
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-2430-01

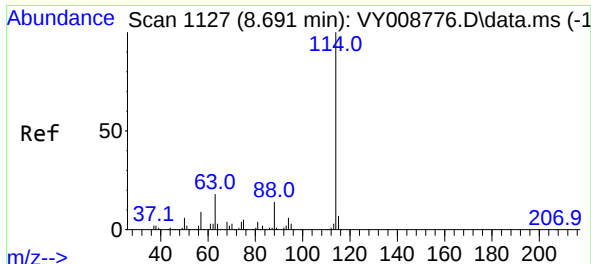
Tgt Ion:168 Resp: 125891
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 70.863 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008895.D
Acq: 20 May 2022 03:02

Tgt Ion: 65 Resp: 82761
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008895.D

Acq: 20 May 2022 03:02

Instrument :

MSVOA_Y

ClientSampleId :

P017-SS001-2430-01

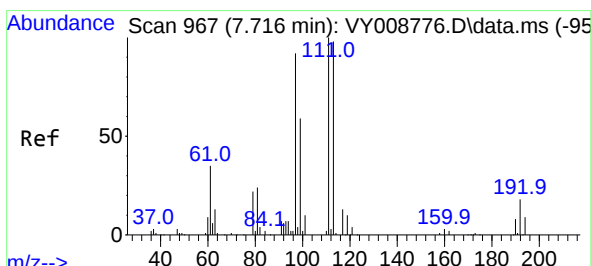
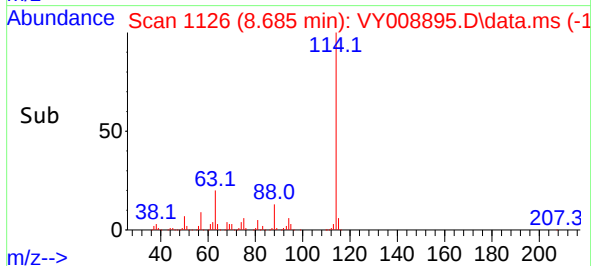
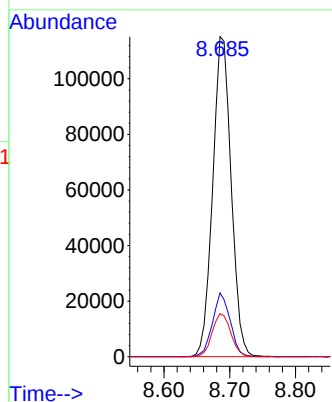
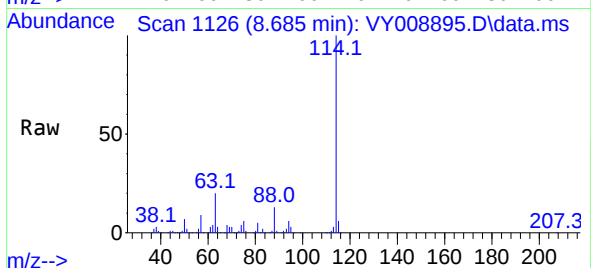
Tgt Ion:114 Resp: 224801

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.557 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008895.D

Acq: 20 May 2022 03:02

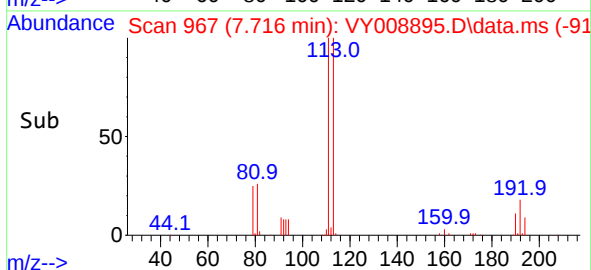
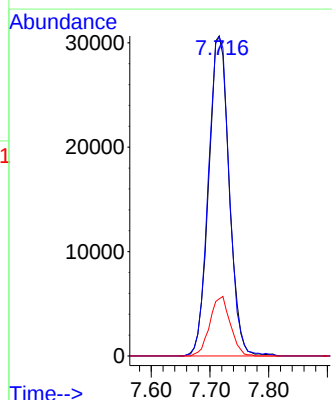
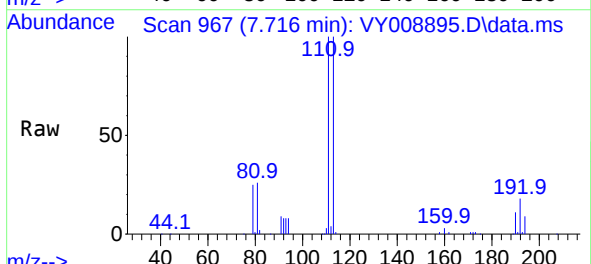
Tgt Ion:113 Resp: 74285

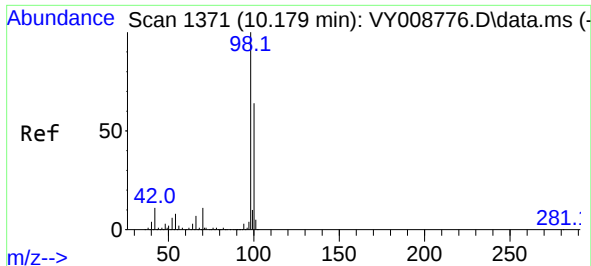
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 18.5 17.6 26.4

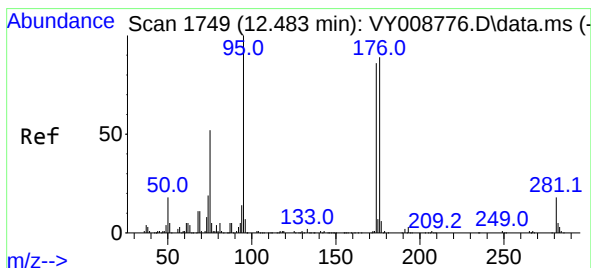
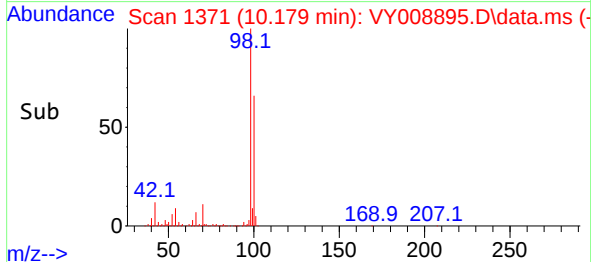
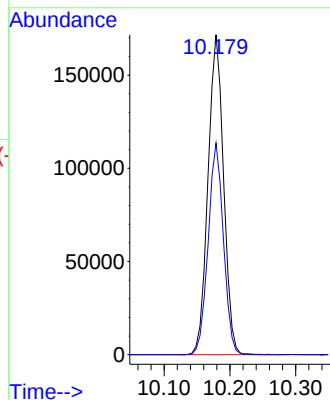
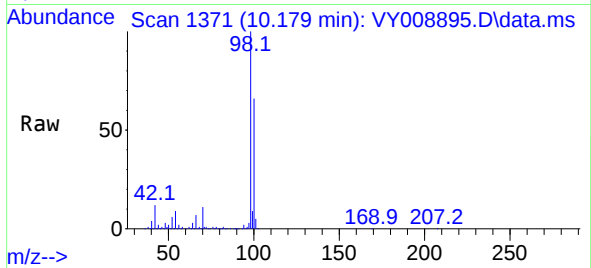




#50
Toluene-d8
Concen: 48.579 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008895.D
Acq: 20 May 2022 03:02

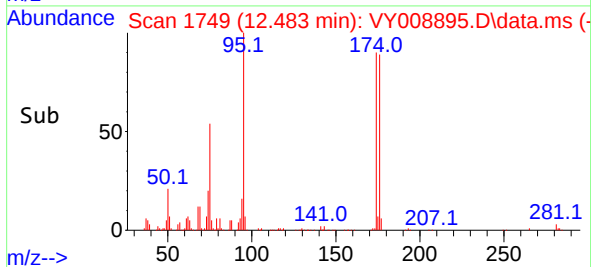
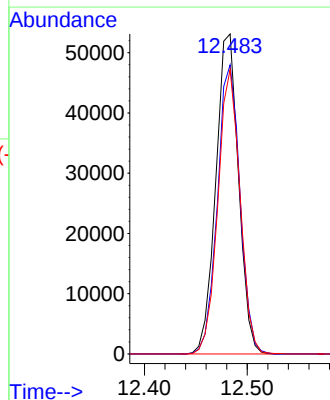
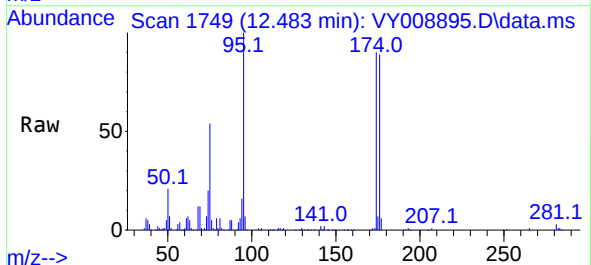
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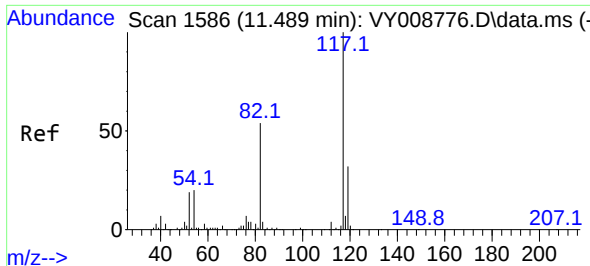
Tgt Ion: 98 Resp: 283059
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.837 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008895.D
Acq: 20 May 2022 03:02

Tgt Ion: 95 Resp: 81414
Ion Ratio Lower Upper
95 100
174 89.6 0.0 177.0
176 86.3 0.0 175.8

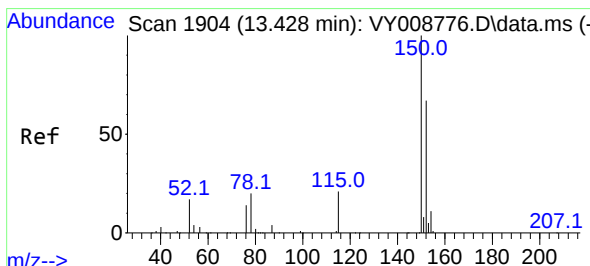
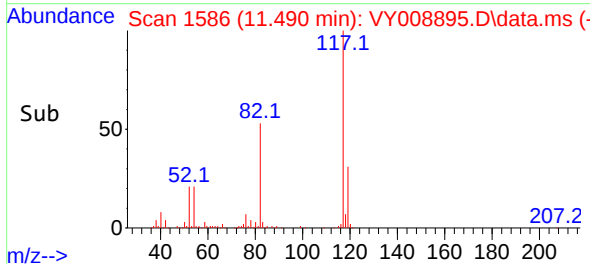
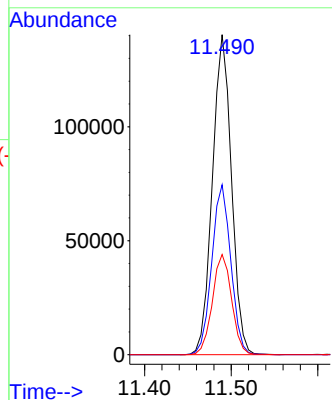
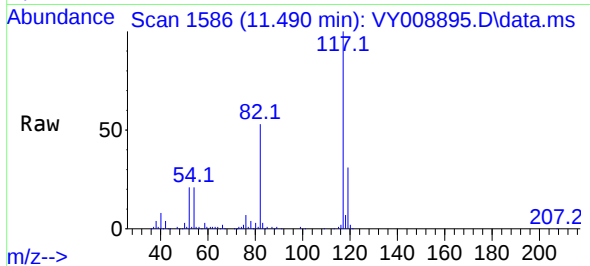




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008895.D
Acq: 20 May 2022 03:02

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-2430-01

Tgt Ion:	117	Resp:	214635
Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	31.3	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: VY008895.D
Acq: 20 May 2022 03:02

Tgt Ion:	152	Resp:	91001
Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.2	84.7
150	157.8	0.0	347.6

